



ANALYTICAL REPORT

PREPARED FOR

Attn: Stephen Tauss
GEI Consultants, Inc.
1000 New York Avenue
Huntington Station NY 11746

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JOB DESCRIPTION

1099 Webster Ave Bronx, NY

JOB NUMBER

200-65967-1

Eurofins Burlington

Job Notes

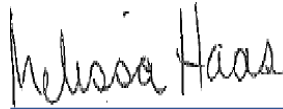
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Authorization



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

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CASE NARRATIVE

Client: GEI Consultants, Inc.

Project: 1099 Webster Ave Bronx, NY

Report Number: 200-65967-1

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

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

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

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

RECEIPT

The samples were received on 12/2/2022 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice.

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

VOLATILE ORGANICS (AMBIENT AIR)

Samples SV-1 (200-65967-1), SV-2 (200-65967-2) and SV-3 (200-65967-3) were analyzed for Volatile Organics (Ambient Air) in accordance with EPA Method TO15. The samples were analyzed on 12/06/2022.

The continuing calibration verification (CCV) associated with batch 200-186329 recovered above the upper control limit for Isopropyl alcohol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SV-1 and SV-2.

The laboratory control sample (LCS) for analytical batch 200-186329 recovered outside control limits for the following analytes: Isopropyl alcohol. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-65967-1	SV-1	Air	12/01/22 13:50	12/02/22 10:30	Air Canister (6-Liter) #2785
200-65967-2	SV-2	Air	12/01/22 13:52	12/02/22 10:30	Air Canister (6-Liter) #2546
200-65967-3	SV-3	Air	12/01/22 14:00	12/02/22 10:30	Air Canister (6-Liter) #5901

Detection Summary

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-1

Lab Sample ID: 200-65967-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.36	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.20	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	0.82		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.16	J	0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.057	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	9.8		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	2.7		0.50	0.13	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.30	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	3.3		0.50	0.49	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.086	J	0.50	0.021	ppb v/v	1		TO-15	Total/NA
Chloroform	52	E	0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.058	J	0.20	0.058	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.071	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	0.19	J	0.20	0.044	ppb v/v	1		TO-15	Total/NA
Trichloroethene	7.8		0.035	0.025	ppb v/v	1		TO-15	Total/NA
Bromodichloromethane	0.28		0.20	0.050	ppb v/v	1		TO-15	Total/NA
methyl isobutyl ketone	1.7		0.50	0.13	ppb v/v	1		TO-15	Total/NA
Toluene	0.64		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	4.1		0.20	0.021	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.18	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.11	J	0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.11	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
Xylene, o-	0.067	J	0.20	0.052	ppb v/v	1		TO-15	Total/NA
Xylene (total)	0.18	J	0.70	0.11	ppb v/v	1		TO-15	Total/NA
Acetone - DL	8.3	J D	25	8.0	ppb v/v	5		TO-15	Total/NA
Carbon disulfide - DL	2.5	D	2.5	0.65	ppb v/v	5		TO-15	Total/NA
Chloroform - DL	47	D	1.0	0.21	ppb v/v	5		TO-15	Total/NA
Benzene - DL	0.26	J D	1.0	0.22	ppb v/v	5		TO-15	Total/NA
Trichloroethene - DL	6.6	D	0.18	0.13	ppb v/v	5		TO-15	Total/NA
methyl isobutyl ketone - DL	1.1	J D	2.5	0.65	ppb v/v	5		TO-15	Total/NA
Toluene - DL	0.57	J D	1.0	0.21	ppb v/v	5		TO-15	Total/NA
Tetrachloroethene - DL	3.4	D	1.0	0.11	ppb v/v	5		TO-15	Total/NA
Ethylbenzene - DL	0.29	J D	1.0	0.26	ppb v/v	5		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.8	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	0.72	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
n-Butane	1.9		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	0.92	J	1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.44	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	23		12	3.8	ug/m3	1		TO-15	Total/NA
Carbon disulfide	8.4		1.6	0.40	ug/m3	1		TO-15	Total/NA
n-Hexane	1.1	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	9.9		1.5	1.4	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.34	J	2.0	0.083	ug/m3	1		TO-15	Total/NA
Chloroform	260	E	0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.20	J	0.69	0.20	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.33	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	0.61	J	0.64	0.14	ug/m3	1		TO-15	Total/NA
Trichloroethene	42		0.19	0.13	ug/m3	1		TO-15	Total/NA
Bromodichloromethane	1.9		1.3	0.34	ug/m3	1		TO-15	Total/NA
methyl isobutyl ketone	7.0		2.0	0.53	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-1 (Continued)

Lab Sample ID: 200-65967-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	2.4		0.75	0.16	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	28		1.4	0.14	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.75	J	2.0	0.61	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.47	J	0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.47	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.29	J	0.87	0.23	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.77	J	3.0	0.48	ug/m3	1		TO-15	Total/NA
Acetone - DL	20	J D	59	19	ug/m3	5		TO-15	Total/NA
Carbon disulfide - DL	7.9	D	7.8	2.0	ug/m3	5		TO-15	Total/NA
Chloroform - DL	230	D	4.9	1.0	ug/m3	5		TO-15	Total/NA
Benzene - DL	0.83	J D	3.2	0.70	ug/m3	5		TO-15	Total/NA
Trichloroethene - DL	36	D	0.94	0.67	ug/m3	5		TO-15	Total/NA
methyl isobutyl ketone - DL	4.6	J D	10	2.7	ug/m3	5		TO-15	Total/NA
Toluene - DL	2.1	J D	3.8	0.79	ug/m3	5		TO-15	Total/NA
Tetrachloroethene - DL	23	D	6.8	0.71	ug/m3	5		TO-15	Total/NA
Ethylbenzene - DL	1.3	J D	4.3	1.1	ug/m3	5		TO-15	Total/NA

Client Sample ID: SV-2

Lab Sample ID: 200-65967-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.39	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.19	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	190	E	0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	2.3		0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.24		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.064	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	42	E	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	1.8		0.50	0.13	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	1.6	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
n-Hexane	39		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	6.4		0.50	0.49	ppb v/v	1		TO-15	Total/NA
Chloroform	11		0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	3.5		0.20	0.058	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	10		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	26		0.20	0.044	ppb v/v	1		TO-15	Total/NA
1,2-Dichloroethane	1.7		0.20	0.093	ppb v/v	1		TO-15	Total/NA
n-Heptane	11		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Trichloroethene	18		0.035	0.025	ppb v/v	1		TO-15	Total/NA
methyl isobutyl ketone	0.65		0.50	0.13	ppb v/v	1		TO-15	Total/NA
Toluene	40	E	0.20	0.042	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	29		0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	2.1		0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	7.0		0.50	0.095	ppb v/v	1		TO-15	Total/NA
Xylene, o-	2.2		0.20	0.052	ppb v/v	1		TO-15	Total/NA
Xylene (total)	9.2		0.70	0.11	ppb v/v	1		TO-15	Total/NA
Cumene	0.31		0.20	0.041	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.15	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.18	J	0.20	0.049	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.23		0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.39		0.20	0.080	ppb v/v	1		TO-15	Total/NA
n-Butane - DL	200	D	2.5	1.0	ppb v/v	5		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-2 (Continued)

Lab Sample ID: 200-65967-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Butadiene - DL	2.4	D	1.0	0.20	ppb v/v	5		TO-15	Total/NA
Acetone - DL	31	D	25	8.0	ppb v/v	5		TO-15	Total/NA
Carbon disulfide - DL	1.5	J D	2.5	0.65	ppb v/v	5		TO-15	Total/NA
n-Hexane - DL	32	D	2.5	0.55	ppb v/v	5		TO-15	Total/NA
Methyl Ethyl Ketone - DL	5.0	D	2.5	2.5	ppb v/v	5		TO-15	Total/NA
Chloroform - DL	8.3	D	1.0	0.21	ppb v/v	5		TO-15	Total/NA
Cyclohexane - DL	2.7	D	1.0	0.29	ppb v/v	5		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	7.0	D	1.0	0.19	ppb v/v	5		TO-15	Total/NA
Benzene - DL	17	D	1.0	0.22	ppb v/v	5		TO-15	Total/NA
1,2-Dichloroethane - DL	1.1	D	1.0	0.47	ppb v/v	5		TO-15	Total/NA
n-Heptane - DL	7.0	D	1.0	0.28	ppb v/v	5		TO-15	Total/NA
Trichloroethene - DL	12	D	0.18	0.13	ppb v/v	5		TO-15	Total/NA
Toluene - DL	28	D	1.0	0.21	ppb v/v	5		TO-15	Total/NA
Tetrachloroethene - DL	24	D	1.0	0.11	ppb v/v	5		TO-15	Total/NA
Ethylbenzene - DL	1.6	D	1.0	0.26	ppb v/v	5		TO-15	Total/NA
m,p-Xylene - DL	4.8	D	2.5	0.48	ppb v/v	5		TO-15	Total/NA
Xylene, o- - DL	1.8	D	1.0	0.26	ppb v/v	5		TO-15	Total/NA
Xylene (total) - DL	6.6	D	3.5	0.55	ppb v/v	5		TO-15	Total/NA
Cumene - DL	0.22	J D	1.0	0.21	ppb v/v	5		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.9	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	0.69	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
n-Butane	440	E	1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	5.2		0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.49	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	99	E	12	3.8	ug/m3	1		TO-15	Total/NA
Carbon disulfide	5.7		1.6	0.40	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	4.9	J	15	3.6	ug/m3	1		TO-15	Total/NA
n-Hexane	140		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	19		1.5	1.4	ug/m3	1		TO-15	Total/NA
Chloroform	56		0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	12		0.69	0.20	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	47		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	83		0.64	0.14	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethane	7.0		0.81	0.38	ug/m3	1		TO-15	Total/NA
n-Heptane	45		0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	96		0.19	0.13	ug/m3	1		TO-15	Total/NA
methyl isobutyl ketone	2.7		2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	150	E	0.75	0.16	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	200		1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	9.2		0.87	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	30		2.2	0.41	ug/m3	1		TO-15	Total/NA
Xylene, o-	9.6		0.87	0.23	ug/m3	1		TO-15	Total/NA
Xylene (total)	40		3.0	0.48	ug/m3	1		TO-15	Total/NA
Cumene	1.5		0.98	0.20	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.71	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.89	J	0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.1		0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.9		0.98	0.39	ug/m3	1		TO-15	Total/NA
n-Butane - DL	470	D	5.9	2.4	ug/m3	5		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-2 (Continued)

Lab Sample ID: 200-65967-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Butadiene - DL	5.3	D	2.2	0.43	ug/m3	5		TO-15	Total/NA
Acetone - DL	74	D	59	19	ug/m3	5		TO-15	Total/NA
Carbon disulfide - DL	4.8	J D	7.8	2.0	ug/m3	5		TO-15	Total/NA
n-Hexane - DL	110	D	8.8	1.9	ug/m3	5		TO-15	Total/NA
Methyl Ethyl Ketone - DL	15	D	7.4	7.2	ug/m3	5		TO-15	Total/NA
Chloroform - DL	40	D	4.9	1.0	ug/m3	5		TO-15	Total/NA
Cyclohexane - DL	9.1	D	3.4	1.0	ug/m3	5		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	33	D	4.7	0.89	ug/m3	5		TO-15	Total/NA
Benzene - DL	54	D	3.2	0.70	ug/m3	5		TO-15	Total/NA
1,2-Dichloroethane - DL	4.6	D	4.0	1.9	ug/m3	5		TO-15	Total/NA
n-Heptane - DL	29	D	4.1	1.1	ug/m3	5		TO-15	Total/NA
Trichloroethene - DL	66	D	0.94	0.67	ug/m3	5		TO-15	Total/NA
Toluene - DL	110	D	3.8	0.79	ug/m3	5		TO-15	Total/NA
Tetrachloroethene - DL	160	D	6.8	0.71	ug/m3	5		TO-15	Total/NA
Ethylbenzene - DL	7.1	D	4.3	1.1	ug/m3	5		TO-15	Total/NA
m,p-Xylene - DL	21	D	11	2.1	ug/m3	5		TO-15	Total/NA
Xylene, o- - DL	8.0	D	4.3	1.1	ug/m3	5		TO-15	Total/NA
Xylene (total) - DL	29	D	15	2.4	ug/m3	5		TO-15	Total/NA
Cumene - DL	1.1	J D	4.9	1.0	ug/m3	5		TO-15	Total/NA

Client Sample ID: SV-3

Lab Sample ID: 200-65967-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.39	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.64		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.29	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	98	E	0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.27		0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.25		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.071	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	30		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.27	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	1.7	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
n-Hexane	12		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.4		0.50	0.49	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.35	J	0.50	0.021	ppb v/v	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.35	J	0.40	0.10	ppb v/v	1		TO-15	Total/NA
Chloroform	1.9		0.20	0.041	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	1.2		0.20	0.044	ppb v/v	1		TO-15	Total/NA
Cyclohexane	3.5		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.083		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	7.4		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	5.9		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	7.9		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Trichloroethene	10		0.035	0.025	ppb v/v	1		TO-15	Total/NA
Methyl methacrylate	26		0.50	0.14	ppb v/v	1		TO-15	Total/NA
Toluene	37		0.20	0.042	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	73	E	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	9.4		0.50	0.15	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	39		0.20	0.052	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	130	E	0.50	0.095	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-3 (Continued)

Lab Sample ID: 200-65967-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Xylene, o-	71	E	0.20	0.052	ppb v/v	1			TO-15	Total/NA
Xylene (total)	200	E	0.70	0.11	ppb v/v	1			TO-15	Total/NA
Cumene	39		0.20	0.041	ppb v/v	1			TO-15	Total/NA
n-Propylbenzene	18		0.20	0.047	ppb v/v	1			TO-15	Total/NA
4-Ethyltoluene	18		0.20	0.049	ppb v/v	1			TO-15	Total/NA
1,3,5-Trimethylbenzene	18		0.20	0.047	ppb v/v	1			TO-15	Total/NA
1,2,4-Trimethylbenzene	37		0.20	0.080	ppb v/v	1			TO-15	Total/NA
sec-Butylbenzene	1.7		0.20	0.045	ppb v/v	1			TO-15	Total/NA
4-Isopropyltoluene	0.70		0.20	0.061	ppb v/v	1			TO-15	Total/NA
Dichlorodifluoromethane - DL	0.46	J D	2.0	0.44	ppb v/v	4			TO-15	Total/NA
Chlorodifluoromethane - DL	0.64	J D	2.0	0.48	ppb v/v	4			TO-15	Total/NA
n-Butane - DL	96	D	2.0	0.80	ppb v/v	4			TO-15	Total/NA
1,3-Butadiene - DL	0.40	J D	0.80	0.16	ppb v/v	4			TO-15	Total/NA
Trichlorofluoromethane - DL	0.24	J D	0.80	0.20	ppb v/v	4			TO-15	Total/NA
Acetone - DL	28	D	20	6.4	ppb v/v	4			TO-15	Total/NA
n-Hexane - DL	12	D	2.0	0.44	ppb v/v	4			TO-15	Total/NA
cis-1,2-Dichloroethene - DL	0.52	J D	2.0	0.084	ppb v/v	4			TO-15	Total/NA
1,2-Dichloroethene, Total - DL	0.52	J D	1.6	0.40	ppb v/v	4			TO-15	Total/NA
Chloroform - DL	1.9	D	0.80	0.16	ppb v/v	4			TO-15	Total/NA
1,1,1-Trichloroethane - DL	1.3	D	0.80	0.18	ppb v/v	4			TO-15	Total/NA
Cyclohexane - DL	3.6	D	0.80	0.23	ppb v/v	4			TO-15	Total/NA
2,2,4-Trimethylpentane - DL	7.3	D	0.80	0.15	ppb v/v	4			TO-15	Total/NA
Benzene - DL	6.0	D	0.80	0.18	ppb v/v	4			TO-15	Total/NA
n-Heptane - DL	7.6	D	0.80	0.22	ppb v/v	4			TO-15	Total/NA
Trichloroethene - DL	10	D	0.14	0.10	ppb v/v	4			TO-15	Total/NA
Methyl methacrylate - DL	25	D	2.0	0.56	ppb v/v	4			TO-15	Total/NA
Toluene - DL	45	D	0.80	0.17	ppb v/v	4			TO-15	Total/NA
Tetrachloroethene - DL	100	D	0.80	0.084	ppb v/v	4			TO-15	Total/NA
Ethylbenzene - DL	49	D	0.80	0.21	ppb v/v	4			TO-15	Total/NA
m,p-Xylene - DL	190	D	2.0	0.38	ppb v/v	4			TO-15	Total/NA
Xylene, o- - DL	94	D	0.80	0.21	ppb v/v	4			TO-15	Total/NA
Xylene (total) - DL	280	D	2.8	0.44	ppb v/v	4			TO-15	Total/NA
Cumene - DL	49	D	0.80	0.16	ppb v/v	4			TO-15	Total/NA
n-Propylbenzene - DL	21	D	0.80	0.19	ppb v/v	4			TO-15	Total/NA
4-Ethyltoluene - DL	22	D	0.80	0.20	ppb v/v	4			TO-15	Total/NA
1,3,5-Trimethylbenzene - DL	22	D	0.80	0.19	ppb v/v	4			TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	47	D	0.80	0.32	ppb v/v	4			TO-15	Total/NA
4-Isopropyltoluene - DL	0.88	D	0.80	0.24	ppb v/v	4			TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.9	J	2.5	0.54	ug/m3	1			TO-15	Total/NA
Chlorodifluoromethane	2.3		1.8	0.42	ug/m3	1			TO-15	Total/NA
Chloromethane	0.59	J	1.0	0.31	ug/m3	1			TO-15	Total/NA
n-Butane	230	E	1.2	0.48	ug/m3	1			TO-15	Total/NA
1,3-Butadiene	0.60		0.44	0.086	ug/m3	1			TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.28	ug/m3	1			TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.54	J	1.5	0.41	ug/m3	1			TO-15	Total/NA
Acetone	71		12	3.8	ug/m3	1			TO-15	Total/NA
Carbon disulfide	0.84	J	1.6	0.40	ug/m3	1			TO-15	Total/NA
tert-Butyl alcohol	5.2	J	15	3.6	ug/m3	1			TO-15	Total/NA
n-Hexane	41		1.8	0.39	ug/m3	1			TO-15	Total/NA
Methyl Ethyl Ketone	4.0		1.5	1.4	ug/m3	1			TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-3 (Continued)

Lab Sample ID: 200-65967-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.4	J	2.0	0.083	ug/m3	1			TO-15	Total/NA
1,2-Dichloroethene, Total	1.4	J	1.6	0.40	ug/m3	1			TO-15	Total/NA
Chloroform	9.4		0.98	0.20	ug/m3	1			TO-15	Total/NA
1,1,1-Trichloroethane	6.7		1.1	0.24	ug/m3	1			TO-15	Total/NA
Cyclohexane	12		0.69	0.20	ug/m3	1			TO-15	Total/NA
Carbon tetrachloride	0.52		0.22	0.14	ug/m3	1			TO-15	Total/NA
2,2,4-Trimethylpentane	35		0.93	0.18	ug/m3	1			TO-15	Total/NA
Benzene	19		0.64	0.14	ug/m3	1			TO-15	Total/NA
n-Heptane	32		0.82	0.23	ug/m3	1			TO-15	Total/NA
Trichloroethene	56		0.19	0.13	ug/m3	1			TO-15	Total/NA
Methyl methacrylate	110		2.0	0.57	ug/m3	1			TO-15	Total/NA
Toluene	140		0.75	0.16	ug/m3	1			TO-15	Total/NA
Tetrachloroethene	500	E	1.4	0.14	ug/m3	1			TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	38		2.0	0.61	ug/m3	1			TO-15	Total/NA
Ethylbenzene	170		0.87	0.23	ug/m3	1			TO-15	Total/NA
m,p-Xylene	570	E	2.2	0.41	ug/m3	1			TO-15	Total/NA
Xylene, o-	310	E	0.87	0.23	ug/m3	1			TO-15	Total/NA
Xylene (total)	870	E	3.0	0.48	ug/m3	1			TO-15	Total/NA
Cumene	190		0.98	0.20	ug/m3	1			TO-15	Total/NA
n-Propylbenzene	86		0.98	0.23	ug/m3	1			TO-15	Total/NA
4-Ethyltoluene	91		0.98	0.24	ug/m3	1			TO-15	Total/NA
1,3,5-Trimethylbenzene	87		0.98	0.23	ug/m3	1			TO-15	Total/NA
1,2,4-Trimethylbenzene	180		0.98	0.39	ug/m3	1			TO-15	Total/NA
sec-Butylbenzene	9.3		1.1	0.25	ug/m3	1			TO-15	Total/NA
4-Isopropyltoluene	3.8		1.1	0.33	ug/m3	1			TO-15	Total/NA
Dichlorodifluoromethane - DL	2.3	J D	9.9	2.2	ug/m3	4			TO-15	Total/NA
Chlorodifluoromethane - DL	2.3	J D	7.1	1.7	ug/m3	4			TO-15	Total/NA
n-Butane - DL	230	D	4.8	1.9	ug/m3	4			TO-15	Total/NA
1,3-Butadiene - DL	0.87	J D	1.8	0.35	ug/m3	4			TO-15	Total/NA
Trichlorofluoromethane - DL	1.3	J D	4.5	1.1	ug/m3	4			TO-15	Total/NA
Acetone - DL	66	D	48	15	ug/m3	4			TO-15	Total/NA
n-Hexane - DL	41	D	7.0	1.6	ug/m3	4			TO-15	Total/NA
cis-1,2-Dichloroethene - DL	2.1	J D	8.0	0.33	ug/m3	4			TO-15	Total/NA
1,2-Dichloroethene, Total - DL	2.1	J D	6.3	1.6	ug/m3	4			TO-15	Total/NA
Chloroform - DL	9.4	D	3.9	0.80	ug/m3	4			TO-15	Total/NA
1,1,1-Trichloroethane - DL	6.9	D	4.4	0.96	ug/m3	4			TO-15	Total/NA
Cyclohexane - DL	12	D	2.8	0.80	ug/m3	4			TO-15	Total/NA
2,2,4-Trimethylpentane - DL	34	D	3.7	0.71	ug/m3	4			TO-15	Total/NA
Benzene - DL	19	D	2.6	0.56	ug/m3	4			TO-15	Total/NA
n-Heptane - DL	31	D	3.3	0.90	ug/m3	4			TO-15	Total/NA
Trichloroethene - DL	56	D	0.75	0.54	ug/m3	4			TO-15	Total/NA
Methyl methacrylate - DL	100	D	8.2	2.3	ug/m3	4			TO-15	Total/NA
Toluene - DL	170	D	3.0	0.63	ug/m3	4			TO-15	Total/NA
Tetrachloroethene - DL	680	D	5.4	0.57	ug/m3	4			TO-15	Total/NA
Ethylbenzene - DL	210	D	3.5	0.90	ug/m3	4			TO-15	Total/NA
m,p-Xylene - DL	810	D	8.7	1.7	ug/m3	4			TO-15	Total/NA
Xylene, o- - DL	410	D	3.5	0.90	ug/m3	4			TO-15	Total/NA
Xylene (total) - DL	1200	D	12	1.9	ug/m3	4			TO-15	Total/NA
Cumene - DL	240	D	3.9	0.81	ug/m3	4			TO-15	Total/NA
n-Propylbenzene - DL	100	D	3.9	0.92	ug/m3	4			TO-15	Total/NA
4-Ethyltoluene - DL	110	D	3.9	0.96	ug/m3	4			TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-3 (Continued)

Lab Sample ID: 200-65967-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,3,5-Trimethylbenzene - DL	110	D	3.9	0.92	ug/m3	4			TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	230	D	3.9	1.6	ug/m3	4			TO-15	Total/NA
4-Isopropyltoluene - DL	4.8	D	4.4	1.3	ug/m3	4			TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Method Summary

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

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

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

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

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-1

Lab Sample ID: 200-65967-1

Date Collected: 12/01/22 13:50

Matrix: Air

Date Received: 12/02/22 10:30

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	0.36	J	0.50	0.11	ppb v/v			12/06/22 00:01	1
Chlorodifluoromethane	0.20	J	0.50	0.12	ppb v/v			12/06/22 00:01	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			12/06/22 00:01	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			12/06/22 00:01	1
n-Butane	0.82		0.50	0.20	ppb v/v			12/06/22 00:01	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			12/06/22 00:01	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			12/06/22 00:01	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			12/06/22 00:01	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			12/06/22 00:01	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			12/06/22 00:01	1
Trichlorofluoromethane	0.16	J	0.20	0.050	ppb v/v			12/06/22 00:01	1
1,1,2-Trichlorotrifluoroethane	0.057	J	0.20	0.053	ppb v/v			12/06/22 00:01	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			12/06/22 00:01	1
Acetone	9.8		5.0	1.6	ppb v/v			12/06/22 00:01	1
Isopropyl alcohol	5.0	U *+	5.0	1.6	ppb v/v			12/06/22 00:01	1
Carbon disulfide	2.7		0.50	0.13	ppb v/v			12/06/22 00:01	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			12/06/22 00:01	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			12/06/22 00:01	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			12/06/22 00:01	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			12/06/22 00:01	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			12/06/22 00:01	1
n-Hexane	0.30	J	0.50	0.11	ppb v/v			12/06/22 00:01	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			12/06/22 00:01	1
Methyl Ethyl Ketone	3.3		0.50	0.49	ppb v/v			12/06/22 00:01	1
cis-1,2-Dichloroethene	0.086	J	0.50	0.021	ppb v/v			12/06/22 00:01	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.10	ppb v/v			12/06/22 00:01	1
Chloroform	52	E	0.20	0.041	ppb v/v			12/06/22 00:01	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			12/06/22 00:01	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			12/06/22 00:01	1
Cyclohexane	0.058	J	0.20	0.058	ppb v/v			12/06/22 00:01	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			12/06/22 00:01	1
2,2,4-Trimethylpentane	0.071	J	0.20	0.038	ppb v/v			12/06/22 00:01	1
Benzene	0.19	J	0.20	0.044	ppb v/v			12/06/22 00:01	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			12/06/22 00:01	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			12/06/22 00:01	1
Trichloroethene	7.8		0.035	0.025	ppb v/v			12/06/22 00:01	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			12/06/22 00:01	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			12/06/22 00:01	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			12/06/22 00:01	1
Bromodichloromethane	0.28		0.20	0.050	ppb v/v			12/06/22 00:01	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			12/06/22 00:01	1
methyl isobutyl ketone	1.7		0.50	0.13	ppb v/v			12/06/22 00:01	1
Toluene	0.64		0.20	0.042	ppb v/v			12/06/22 00:01	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			12/06/22 00:01	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			12/06/22 00:01	1
Tetrachloroethene	4.1		0.20	0.021	ppb v/v			12/06/22 00:01	1
Methyl Butyl Ketone (2-Hexanone)	0.18	J	0.50	0.15	ppb v/v			12/06/22 00:01	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			12/06/22 00:01	1

Eurofins Burlington

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-1

Lab Sample ID: 200-65967-1

Date Collected: 12/01/22 13:50

Matrix: Air

Date Received: 12/02/22 10:30

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-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			12/06/22 00:01	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			12/06/22 00:01	1
Ethylbenzene	0.11	J	0.20	0.052	ppb v/v			12/06/22 00:01	1
m,p-Xylene	0.11	J	0.50	0.095	ppb v/v			12/06/22 00:01	1
Xylene, o-	0.067	J	0.20	0.052	ppb v/v			12/06/22 00:01	1
Xylene (total)	0.18	J	0.70	0.11	ppb v/v			12/06/22 00:01	1
Styrene	0.20	U	0.20	0.059	ppb v/v			12/06/22 00:01	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			12/06/22 00:01	1
Cumene	0.20	U	0.20	0.041	ppb v/v			12/06/22 00:01	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			12/06/22 00:01	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			12/06/22 00:01	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			12/06/22 00:01	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			12/06/22 00:01	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			12/06/22 00:01	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			12/06/22 00:01	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			12/06/22 00:01	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			12/06/22 00:01	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			12/06/22 00:01	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			12/06/22 00:01	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			12/06/22 00:01	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			12/06/22 00:01	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			12/06/22 00:01	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			12/06/22 00:01	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			12/06/22 00:01	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			12/06/22 00:01	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			12/06/22 00:01	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.8	J	2.5	0.54	ug/m3			12/06/22 00:01	1
Chlorodifluoromethane	0.72	J	1.8	0.42	ug/m3			12/06/22 00:01	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			12/06/22 00:01	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			12/06/22 00:01	1
n-Butane	1.9		1.2	0.48	ug/m3			12/06/22 00:01	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			12/06/22 00:01	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			12/06/22 00:01	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			12/06/22 00:01	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			12/06/22 00:01	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			12/06/22 00:01	1
Trichlorofluoromethane	0.92	J	1.1	0.28	ug/m3			12/06/22 00:01	1
1,1,2-Trichlorotrifluoroethane	0.44	J	1.5	0.41	ug/m3			12/06/22 00:01	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			12/06/22 00:01	1
Acetone	23		12	3.8	ug/m3			12/06/22 00:01	1
Isopropyl alcohol	12	U *	12	3.9	ug/m3			12/06/22 00:01	1
Carbon disulfide	8.4		1.6	0.40	ug/m3			12/06/22 00:01	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			12/06/22 00:01	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			12/06/22 00:01	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			12/06/22 00:01	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			12/06/22 00:01	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			12/06/22 00:01	1

Eurofins Burlington

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-1

Lab Sample ID: 200-65967-1

Date Collected: 12/01/22 13:50

Matrix: Air

Date Received: 12/02/22 10:30

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
n-Hexane	1.1	J	1.8	0.39	ug/m3			12/06/22 00:01	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			12/06/22 00:01	1
Methyl Ethyl Ketone	9.9		1.5	1.4	ug/m3			12/06/22 00:01	1
cis-1,2-Dichloroethene	0.34	J	2.0	0.083	ug/m3			12/06/22 00:01	1
1,2-Dichloroethene, Total	1.6	U	1.6	0.40	ug/m3			12/06/22 00:01	1
Chloroform	260	E	0.98	0.20	ug/m3			12/06/22 00:01	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			12/06/22 00:01	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			12/06/22 00:01	1
Cyclohexane	0.20	J	0.69	0.20	ug/m3			12/06/22 00:01	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			12/06/22 00:01	1
2,2,4-Trimethylpentane	0.33	J	0.93	0.18	ug/m3			12/06/22 00:01	1
Benzene	0.61	J	0.64	0.14	ug/m3			12/06/22 00:01	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			12/06/22 00:01	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			12/06/22 00:01	1
Trichloroethene	42		0.19	0.13	ug/m3			12/06/22 00:01	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			12/06/22 00:01	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			12/06/22 00:01	1
1,4-Dioxane	18	U	18	4.7	ug/m3			12/06/22 00:01	1
Bromodichloromethane	1.9		1.3	0.34	ug/m3			12/06/22 00:01	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			12/06/22 00:01	1
methyl isobutyl ketone	7.0		2.0	0.53	ug/m3			12/06/22 00:01	1
Toluene	2.4		0.75	0.16	ug/m3			12/06/22 00:01	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			12/06/22 00:01	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			12/06/22 00:01	1
Tetrachloroethene	28		1.4	0.14	ug/m3			12/06/22 00:01	1
Methyl Butyl Ketone (2-Hexanone)	0.75	J	2.0	0.61	ug/m3			12/06/22 00:01	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			12/06/22 00:01	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			12/06/22 00:01	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			12/06/22 00:01	1
Ethylbenzene	0.47	J	0.87	0.23	ug/m3			12/06/22 00:01	1
m,p-Xylene	0.47	J	2.2	0.41	ug/m3			12/06/22 00:01	1
Xylene, o-	0.29	J	0.87	0.23	ug/m3			12/06/22 00:01	1
Xylene (total)	0.77	J	3.0	0.48	ug/m3			12/06/22 00:01	1
Styrene	0.85	U	0.85	0.25	ug/m3			12/06/22 00:01	1
Bromoform	2.1	U	2.1	1.2	ug/m3			12/06/22 00:01	1
Cumene	0.98	U	0.98	0.20	ug/m3			12/06/22 00:01	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			12/06/22 00:01	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			12/06/22 00:01	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			12/06/22 00:01	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			12/06/22 00:01	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			12/06/22 00:01	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			12/06/22 00:01	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			12/06/22 00:01	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			12/06/22 00:01	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			12/06/22 00:01	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			12/06/22 00:01	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			12/06/22 00:01	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			12/06/22 00:01	1

Eurofins Burlington

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-1

Lab Sample ID: 200-65967-1

Date Collected: 12/01/22 13:50

Matrix: Air

Date Received: 12/02/22 10:30

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
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			12/06/22 00:01	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			12/06/22 00:01	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			12/06/22 00:01	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			12/06/22 00:01	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			12/06/22 00:01	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ppb v/v					12/06/22 00:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.55	ppb v/v			12/06/22 00:54	5
Chlorodifluoromethane	2.5	U	2.5	0.60	ppb v/v			12/06/22 00:54	5
1,2-Dichlorotetrafluoroethane	1.0	U	1.0	0.24	ppb v/v			12/06/22 00:54	5
Chloromethane	2.5	U	2.5	0.75	ppb v/v			12/06/22 00:54	5
n-Butane	2.5	U	2.5	1.0	ppb v/v			12/06/22 00:54	5
Vinyl chloride	0.39	U	0.39	0.11	ppb v/v			12/06/22 00:54	5
1,3-Butadiene	1.0	U	1.0	0.20	ppb v/v			12/06/22 00:54	5
Bromomethane	1.0	U	1.0	0.36	ppb v/v			12/06/22 00:54	5
Chloroethane	2.5	U	2.5	0.90	ppb v/v			12/06/22 00:54	5
Bromoethene(Vinyl Bromide)	1.0	U	1.0	0.25	ppb v/v			12/06/22 00:54	5
Trichlorofluoromethane	1.0	U	1.0	0.25	ppb v/v			12/06/22 00:54	5
1,1,2-Trichlorotrifluoroethane	1.0	U	1.0	0.27	ppb v/v			12/06/22 00:54	5
1,1-Dichloroethene	0.18	U	0.18	0.13	ppb v/v			12/06/22 00:54	5
Acetone	8.3	J D	25	8.0	ppb v/v			12/06/22 00:54	5
Isopropyl alcohol	25	U *+	25	8.0	ppb v/v			12/06/22 00:54	5
Carbon disulfide	2.5	D	2.5	0.65	ppb v/v			12/06/22 00:54	5
3-Chloropropene	2.5	U	2.5	0.60	ppb v/v			12/06/22 00:54	5
Methylene Chloride	2.5	U	2.5	0.90	ppb v/v			12/06/22 00:54	5
tert-Butyl alcohol	25	U	25	6.0	ppb v/v			12/06/22 00:54	5
Methyl tert-butyl ether	1.0	U	1.0	0.18	ppb v/v			12/06/22 00:54	5
trans-1,2-Dichloroethene	1.0	U	1.0	0.12	ppb v/v			12/06/22 00:54	5
n-Hexane	2.5	U	2.5	0.55	ppb v/v			12/06/22 00:54	5
1,1-Dichloroethane	1.0	U	1.0	0.13	ppb v/v			12/06/22 00:54	5
Methyl Ethyl Ketone	2.5	U	2.5	2.5	ppb v/v			12/06/22 00:54	5
cis-1,2-Dichloroethene	2.5	U	2.5	0.11	ppb v/v			12/06/22 00:54	5
1,2-Dichloroethene, Total	2.0	U	2.0	0.50	ppb v/v			12/06/22 00:54	5
Chloroform	47	D	1.0	0.21	ppb v/v			12/06/22 00:54	5
Tetrahydrofuran	25	U	25	6.5	ppb v/v			12/06/22 00:54	5
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ppb v/v			12/06/22 00:54	5
Cyclohexane	1.0	U	1.0	0.29	ppb v/v			12/06/22 00:54	5
Carbon tetrachloride	0.18	U	0.18	0.11	ppb v/v			12/06/22 00:54	5
2,2,4-Trimethylpentane	1.0	U	1.0	0.19	ppb v/v			12/06/22 00:54	5
Benzene	0.26	J D	1.0	0.22	ppb v/v			12/06/22 00:54	5
1,2-Dichloroethane	1.0	U	1.0	0.47	ppb v/v			12/06/22 00:54	5
n-Heptane	1.0	U	1.0	0.28	ppb v/v			12/06/22 00:54	5
Trichloroethene	6.6	D	0.18	0.13	ppb v/v			12/06/22 00:54	5
Methyl methacrylate	2.5	U	2.5	0.70	ppb v/v			12/06/22 00:54	5
1,2-Dichloropropane	1.0	U	1.0	0.47	ppb v/v			12/06/22 00:54	5

Eurofins Burlington

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-1

Lab Sample ID: 200-65967-1

Date Collected: 12/01/22 13:50

Matrix: Air

Date Received: 12/02/22 10:30

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
1,4-Dioxane	25	U	25	6.5	ppb v/v			12/06/22 00:54	5
Bromodichloromethane	1.0	U	1.0	0.25	ppb v/v			12/06/22 00:54	5
cis-1,3-Dichloropropene	1.0	U	1.0	0.23	ppb v/v			12/06/22 00:54	5
methyl isobutyl ketone	1.1	J D	2.5	0.65	ppb v/v			12/06/22 00:54	5
Toluene	0.57	J D	1.0	0.21	ppb v/v			12/06/22 00:54	5
trans-1,3-Dichloropropene	1.0	U	1.0	0.27	ppb v/v			12/06/22 00:54	5
1,1,2-Trichloroethane	1.0	U	1.0	0.37	ppb v/v			12/06/22 00:54	5
Tetrachloroethene	3.4	D	1.0	0.11	ppb v/v			12/06/22 00:54	5
Methyl Butyl Ketone (2-Hexanone)	2.5	U	2.5	0.75	ppb v/v			12/06/22 00:54	5
Dibromochloromethane	1.0	U	1.0	0.32	ppb v/v			12/06/22 00:54	5
1,2-Dibromoethane	1.0	U	1.0	0.21	ppb v/v			12/06/22 00:54	5
Chlorobenzene	1.0	U	1.0	0.22	ppb v/v			12/06/22 00:54	5
Ethylbenzene	0.29	J D	1.0	0.26	ppb v/v			12/06/22 00:54	5
m,p-Xylene	2.5	U	2.5	0.48	ppb v/v			12/06/22 00:54	5
Xylene, o-	1.0	U	1.0	0.26	ppb v/v			12/06/22 00:54	5
Xylene (total)	3.5	U	3.5	0.55	ppb v/v			12/06/22 00:54	5
Styrene	1.0	U	1.0	0.30	ppb v/v			12/06/22 00:54	5
Bromoform	1.0	U	1.0	0.60	ppb v/v			12/06/22 00:54	5
Cumene	1.0	U	1.0	0.21	ppb v/v			12/06/22 00:54	5
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ppb v/v			12/06/22 00:54	5
n-Propylbenzene	1.0	U	1.0	0.24	ppb v/v			12/06/22 00:54	5
4-Ethyltoluene	1.0	U	1.0	0.25	ppb v/v			12/06/22 00:54	5
1,3,5-Trimethylbenzene	1.0	U	1.0	0.24	ppb v/v			12/06/22 00:54	5
2-Chlorotoluene	1.0	U	1.0	0.23	ppb v/v			12/06/22 00:54	5
tert-Butylbenzene	1.0	U	1.0	0.24	ppb v/v			12/06/22 00:54	5
1,2,4-Trimethylbenzene	1.0	U	1.0	0.40	ppb v/v			12/06/22 00:54	5
sec-Butylbenzene	1.0	U	1.0	0.23	ppb v/v			12/06/22 00:54	5
4-Isopropyltoluene	1.0	U	1.0	0.31	ppb v/v			12/06/22 00:54	5
1,3-Dichlorobenzene	1.0	U	1.0	0.37	ppb v/v			12/06/22 00:54	5
1,4-Dichlorobenzene	1.0	U	1.0	0.45	ppb v/v			12/06/22 00:54	5
Benzyl chloride	1.0	U	1.0	0.44	ppb v/v			12/06/22 00:54	5
n-Butylbenzene	1.0	U	1.0	0.55	ppb v/v			12/06/22 00:54	5
1,2-Dichlorobenzene	1.0	U	1.0	0.33	ppb v/v			12/06/22 00:54	5
1,2,4-Trichlorobenzene	2.5	U	2.5	1.7	ppb v/v			12/06/22 00:54	5
Hexachlorobutadiene	1.0	U	1.0	0.55	ppb v/v			12/06/22 00:54	5
Naphthalene	2.5	U	2.5	1.5	ppb v/v			12/06/22 00:54	5
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	12	U	12	2.7	ug/m3			12/06/22 00:54	5
Chlorodifluoromethane	8.8	U	8.8	2.1	ug/m3			12/06/22 00:54	5
1,2-Dichlorotetrafluoroethane	7.0	U	7.0	1.7	ug/m3			12/06/22 00:54	5
Chloromethane	5.2	U	5.2	1.5	ug/m3			12/06/22 00:54	5
n-Butane	5.9	U	5.9	2.4	ug/m3			12/06/22 00:54	5
Vinyl chloride	1.0	U	1.0	0.27	ug/m3			12/06/22 00:54	5
1,3-Butadiene	2.2	U	2.2	0.43	ug/m3			12/06/22 00:54	5
Bromomethane	3.9	U	3.9	1.4	ug/m3			12/06/22 00:54	5
Chloroethane	6.6	U	6.6	2.4	ug/m3			12/06/22 00:54	5
Bromoethene(Vinyl Bromide)	4.4	U	4.4	1.1	ug/m3			12/06/22 00:54	5
Trichlorofluoromethane	5.6	U	5.6	1.4	ug/m3			12/06/22 00:54	5

Eurofins Burlington

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-1

Lab Sample ID: 200-65967-1

Date Collected: 12/01/22 13:50

Matrix: Air

Date Received: 12/02/22 10:30

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
1,1,2-Trichlorotrifluoroethane	7.7	U	7.7	2.0	ug/m3			12/06/22 00:54	5
1,1-Dichloroethene	0.70	U	0.70	0.52	ug/m3			12/06/22 00:54	5
Acetone	20	J D	59	19	ug/m3			12/06/22 00:54	5
Isopropyl alcohol	61	U *	61	20	ug/m3			12/06/22 00:54	5
Carbon disulfide	7.9	D	7.8	2.0	ug/m3			12/06/22 00:54	5
3-Chloropropene	7.8	U	7.8	1.9	ug/m3			12/06/22 00:54	5
Methylene Chloride	8.7	U	8.7	3.1	ug/m3			12/06/22 00:54	5
tert-Butyl alcohol	76	U	76	18	ug/m3			12/06/22 00:54	5
Methyl tert-butyl ether	3.6	U	3.6	0.65	ug/m3			12/06/22 00:54	5
trans-1,2-Dichloroethene	4.0	U	4.0	0.46	ug/m3			12/06/22 00:54	5
n-Hexane	8.8	U	8.8	1.9	ug/m3			12/06/22 00:54	5
1,1-Dichloroethane	4.0	U	4.0	0.51	ug/m3			12/06/22 00:54	5
Methyl Ethyl Ketone	7.4	U	7.4	7.2	ug/m3			12/06/22 00:54	5
cis-1,2-Dichloroethene	10	U	10	0.42	ug/m3			12/06/22 00:54	5
1,2-Dichloroethene, Total	7.9	U	7.9	2.0	ug/m3			12/06/22 00:54	5
Chloroform	230	D	4.9	1.0	ug/m3			12/06/22 00:54	5
Tetrahydrofuran	74	U	74	19	ug/m3			12/06/22 00:54	5
1,1,1-Trichloroethane	5.5	U	5.5	1.2	ug/m3			12/06/22 00:54	5
Cyclohexane	3.4	U	3.4	1.0	ug/m3			12/06/22 00:54	5
Carbon tetrachloride	1.1	U	1.1	0.69	ug/m3			12/06/22 00:54	5
2,2,4-Trimethylpentane	4.7	U	4.7	0.89	ug/m3			12/06/22 00:54	5
Benzene	0.83	J D	3.2	0.70	ug/m3			12/06/22 00:54	5
1,2-Dichloroethane	4.0	U	4.0	1.9	ug/m3			12/06/22 00:54	5
n-Heptane	4.1	U	4.1	1.1	ug/m3			12/06/22 00:54	5
Trichloroethene	36	D	0.94	0.67	ug/m3			12/06/22 00:54	5
Methyl methacrylate	10	U	10	2.9	ug/m3			12/06/22 00:54	5
1,2-Dichloropropane	4.6	U	4.6	2.2	ug/m3			12/06/22 00:54	5
1,4-Dioxane	90	U	90	23	ug/m3			12/06/22 00:54	5
Bromodichloromethane	6.7	U	6.7	1.7	ug/m3			12/06/22 00:54	5
cis-1,3-Dichloropropene	4.5	U	4.5	1.0	ug/m3			12/06/22 00:54	5
methyl isobutyl ketone	4.6	J D	10	2.7	ug/m3			12/06/22 00:54	5
Toluene	2.1	J D	3.8	0.79	ug/m3			12/06/22 00:54	5
trans-1,3-Dichloropropene	4.5	U	4.5	1.2	ug/m3			12/06/22 00:54	5
1,1,2-Trichloroethane	5.5	U	5.5	2.0	ug/m3			12/06/22 00:54	5
Tetrachloroethene	23	D	6.8	0.71	ug/m3			12/06/22 00:54	5
Methyl Butyl Ketone (2-Hexanone)	10	U	10	3.1	ug/m3			12/06/22 00:54	5
Dibromochloromethane	8.5	U	8.5	2.7	ug/m3			12/06/22 00:54	5
1,2-Dibromoethane	7.7	U	7.7	1.6	ug/m3			12/06/22 00:54	5
Chlorobenzene	4.6	U	4.6	1.0	ug/m3			12/06/22 00:54	5
Ethylbenzene	1.3	J D	4.3	1.1	ug/m3			12/06/22 00:54	5
m,p-Xylene	11	U	11	2.1	ug/m3			12/06/22 00:54	5
Xylene, o-	4.3	U	4.3	1.1	ug/m3			12/06/22 00:54	5
Xylene (total)	15	U	15	2.4	ug/m3			12/06/22 00:54	5
Styrene	4.3	U	4.3	1.3	ug/m3			12/06/22 00:54	5
Bromoform	10	U	10	6.2	ug/m3			12/06/22 00:54	5
Cumene	4.9	U	4.9	1.0	ug/m3			12/06/22 00:54	5
1,1,2,2-Tetrachloroethane	6.9	U	6.9	1.5	ug/m3			12/06/22 00:54	5
n-Propylbenzene	4.9	U	4.9	1.2	ug/m3			12/06/22 00:54	5

Eurofins Burlington

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-1

Lab Sample ID: 200-65967-1

Date Collected: 12/01/22 13:50

Matrix: Air

Date Received: 12/02/22 10:30

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
4-Ethyltoluene	4.9	U	4.9	1.2	ug/m3			12/06/22 00:54	5
1,3,5-Trimethylbenzene	4.9	U	4.9	1.2	ug/m3			12/06/22 00:54	5
2-Chlorotoluene	5.2	U	5.2	1.2	ug/m3			12/06/22 00:54	5
tert-Butylbenzene	5.5	U	5.5	1.3	ug/m3			12/06/22 00:54	5
1,2,4-Trimethylbenzene	4.9	U	4.9	2.0	ug/m3			12/06/22 00:54	5
sec-Butylbenzene	5.5	U	5.5	1.2	ug/m3			12/06/22 00:54	5
4-Isopropyltoluene	5.5	U	5.5	1.7	ug/m3			12/06/22 00:54	5
1,3-Dichlorobenzene	6.0	U	6.0	2.2	ug/m3			12/06/22 00:54	5
1,4-Dichlorobenzene	6.0	U	6.0	2.7	ug/m3			12/06/22 00:54	5
Benzyl chloride	5.2	U	5.2	2.3	ug/m3			12/06/22 00:54	5
n-Butylbenzene	5.5	U	5.5	3.0	ug/m3			12/06/22 00:54	5
1,2-Dichlorobenzene	6.0	U	6.0	2.0	ug/m3			12/06/22 00:54	5
1,2,4-Trichlorobenzene	19	U	19	12	ug/m3			12/06/22 00:54	5
Hexachlorobutadiene	11	U	11	5.9	ug/m3			12/06/22 00:54	5
Naphthalene	13	U	13	7.9	ug/m3			12/06/22 00:54	5

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ppb v/v					12/06/22 00:54	5

Client Sample ID: SV-2

Lab Sample ID: 200-65967-2

Date Collected: 12/01/22 13:52

Matrix: Air

Date Received: 12/02/22 10:30

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	0.39	J	0.50	0.11	ppb v/v			12/06/22 01:46	1
Chlorodifluoromethane	0.19	J	0.50	0.12	ppb v/v			12/06/22 01:46	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			12/06/22 01:46	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			12/06/22 01:46	1
n-Butane	190	E	0.50	0.20	ppb v/v			12/06/22 01:46	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			12/06/22 01:46	1
1,3-Butadiene	2.3		0.20	0.039	ppb v/v			12/06/22 01:46	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			12/06/22 01:46	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			12/06/22 01:46	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			12/06/22 01:46	1
Trichlorofluoromethane	0.24		0.20	0.050	ppb v/v			12/06/22 01:46	1
1,1,2-Trichlorotrifluoroethane	0.064	J	0.20	0.053	ppb v/v			12/06/22 01:46	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			12/06/22 01:46	1
Acetone	42	E	5.0	1.6	ppb v/v			12/06/22 01:46	1
Isopropyl alcohol	5.0	U *+	5.0	1.6	ppb v/v			12/06/22 01:46	1
Carbon disulfide	1.8		0.50	0.13	ppb v/v			12/06/22 01:46	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			12/06/22 01:46	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			12/06/22 01:46	1
tert-Butyl alcohol	1.6	J	5.0	1.2	ppb v/v			12/06/22 01:46	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			12/06/22 01:46	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			12/06/22 01:46	1
n-Hexane	39		0.50	0.11	ppb v/v			12/06/22 01:46	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			12/06/22 01:46	1

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Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-2

Lab Sample ID: 200-65967-2

Date Collected: 12/01/22 13:52

Matrix: Air

Date Received: 12/02/22 10:30

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 Ethyl Ketone	6.4		0.50	0.49	ppb v/v			12/06/22 01:46	1
cis-1,2-Dichloroethene	0.50	U	0.50	0.021	ppb v/v			12/06/22 01:46	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.10	ppb v/v			12/06/22 01:46	1
Chloroform	11		0.20	0.041	ppb v/v			12/06/22 01:46	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			12/06/22 01:46	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			12/06/22 01:46	1
Cyclohexane	3.5		0.20	0.058	ppb v/v			12/06/22 01:46	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			12/06/22 01:46	1
2,2,4-Trimethylpentane	10		0.20	0.038	ppb v/v			12/06/22 01:46	1
Benzene	26		0.20	0.044	ppb v/v			12/06/22 01:46	1
1,2-Dichloroethane	1.7		0.20	0.093	ppb v/v			12/06/22 01:46	1
n-Heptane	11		0.20	0.055	ppb v/v			12/06/22 01:46	1
Trichloroethene	18		0.035	0.025	ppb v/v			12/06/22 01:46	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			12/06/22 01:46	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			12/06/22 01:46	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			12/06/22 01:46	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			12/06/22 01:46	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			12/06/22 01:46	1
methyl isobutyl ketone	0.65		0.50	0.13	ppb v/v			12/06/22 01:46	1
Toluene	40 E		0.20	0.042	ppb v/v			12/06/22 01:46	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			12/06/22 01:46	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			12/06/22 01:46	1
Tetrachloroethene	29		0.20	0.021	ppb v/v			12/06/22 01:46	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			12/06/22 01:46	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			12/06/22 01:46	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			12/06/22 01:46	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			12/06/22 01:46	1
Ethylbenzene	2.1		0.20	0.052	ppb v/v			12/06/22 01:46	1
m,p-Xylene	7.0		0.50	0.095	ppb v/v			12/06/22 01:46	1
Xylene, o-	2.2		0.20	0.052	ppb v/v			12/06/22 01:46	1
Xylene (total)	9.2		0.70	0.11	ppb v/v			12/06/22 01:46	1
Styrene	0.20	U	0.20	0.059	ppb v/v			12/06/22 01:46	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			12/06/22 01:46	1
Cumene	0.31		0.20	0.041	ppb v/v			12/06/22 01:46	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			12/06/22 01:46	1
n-Propylbenzene	0.15 J		0.20	0.047	ppb v/v			12/06/22 01:46	1
4-Ethyltoluene	0.18 J		0.20	0.049	ppb v/v			12/06/22 01:46	1
1,3,5-Trimethylbenzene	0.23		0.20	0.047	ppb v/v			12/06/22 01:46	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			12/06/22 01:46	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			12/06/22 01:46	1
1,2,4-Trimethylbenzene	0.39		0.20	0.080	ppb v/v			12/06/22 01:46	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			12/06/22 01:46	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			12/06/22 01:46	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			12/06/22 01:46	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			12/06/22 01:46	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			12/06/22 01:46	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			12/06/22 01:46	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			12/06/22 01:46	1

Eurofins Burlington

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-2

Lab Sample ID: 200-65967-2

Date Collected: 12/01/22 13:52

Matrix: Air

Date Received: 12/02/22 10:30

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
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			12/06/22 01:46	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			12/06/22 01:46	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			12/06/22 01:46	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.9	J	2.5	0.54	ug/m3			12/06/22 01:46	1
Chlorodifluoromethane	0.69	J	1.8	0.42	ug/m3			12/06/22 01:46	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			12/06/22 01:46	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			12/06/22 01:46	1
n-Butane	440	E	1.2	0.48	ug/m3			12/06/22 01:46	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			12/06/22 01:46	1
1,3-Butadiene	5.2		0.44	0.086	ug/m3			12/06/22 01:46	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			12/06/22 01:46	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			12/06/22 01:46	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			12/06/22 01:46	1
Trichlorofluoromethane	1.4		1.1	0.28	ug/m3			12/06/22 01:46	1
1,1,2-Trichlorotrifluoroethane	0.49	J	1.5	0.41	ug/m3			12/06/22 01:46	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			12/06/22 01:46	1
Acetone	99	E	12	3.8	ug/m3			12/06/22 01:46	1
Isopropyl alcohol	12	U *+	12	3.9	ug/m3			12/06/22 01:46	1
Carbon disulfide	5.7		1.6	0.40	ug/m3			12/06/22 01:46	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			12/06/22 01:46	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			12/06/22 01:46	1
tert-Butyl alcohol	4.9	J	15	3.6	ug/m3			12/06/22 01:46	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			12/06/22 01:46	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			12/06/22 01:46	1
n-Hexane	140		1.8	0.39	ug/m3			12/06/22 01:46	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			12/06/22 01:46	1
Methyl Ethyl Ketone	19		1.5	1.4	ug/m3			12/06/22 01:46	1
cis-1,2-Dichloroethene	2.0	U	2.0	0.083	ug/m3			12/06/22 01:46	1
1,2-Dichloroethene, Total	1.6	U	1.6	0.40	ug/m3			12/06/22 01:46	1
Chloroform	56		0.98	0.20	ug/m3			12/06/22 01:46	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			12/06/22 01:46	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			12/06/22 01:46	1
Cyclohexane	12		0.69	0.20	ug/m3			12/06/22 01:46	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			12/06/22 01:46	1
2,2,4-Trimethylpentane	47		0.93	0.18	ug/m3			12/06/22 01:46	1
Benzene	83		0.64	0.14	ug/m3			12/06/22 01:46	1
1,2-Dichloroethane	7.0		0.81	0.38	ug/m3			12/06/22 01:46	1
n-Heptane	45		0.82	0.23	ug/m3			12/06/22 01:46	1
Trichloroethene	96		0.19	0.13	ug/m3			12/06/22 01:46	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			12/06/22 01:46	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			12/06/22 01:46	1
1,4-Dioxane	18	U	18	4.7	ug/m3			12/06/22 01:46	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			12/06/22 01:46	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			12/06/22 01:46	1
methyl isobutyl ketone	2.7		2.0	0.53	ug/m3			12/06/22 01:46	1
Toluene	150	E	0.75	0.16	ug/m3			12/06/22 01:46	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			12/06/22 01:46	1

Eurofins Burlington

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-2

Lab Sample ID: 200-65967-2

Date Collected: 12/01/22 13:52

Matrix: Air

Date Received: 12/02/22 10:30

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-Trichloroethane	1.1	U	1.1	0.40	ug/m3			12/06/22 01:46	1
Tetrachloroethene	200		1.4	0.14	ug/m3			12/06/22 01:46	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			12/06/22 01:46	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			12/06/22 01:46	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			12/06/22 01:46	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			12/06/22 01:46	1
Ethylbenzene	9.2		0.87	0.23	ug/m3			12/06/22 01:46	1
m,p-Xylene	30		2.2	0.41	ug/m3			12/06/22 01:46	1
Xylene, o-	9.6		0.87	0.23	ug/m3			12/06/22 01:46	1
Xylene (total)	40		3.0	0.48	ug/m3			12/06/22 01:46	1
Styrene	0.85	U	0.85	0.25	ug/m3			12/06/22 01:46	1
Bromoform	2.1	U	2.1	1.2	ug/m3			12/06/22 01:46	1
Cumene	1.5		0.98	0.20	ug/m3			12/06/22 01:46	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			12/06/22 01:46	1
n-Propylbenzene	0.71	J	0.98	0.23	ug/m3			12/06/22 01:46	1
4-Ethyltoluene	0.89	J	0.98	0.24	ug/m3			12/06/22 01:46	1
1,3,5-Trimethylbenzene	1.1		0.98	0.23	ug/m3			12/06/22 01:46	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			12/06/22 01:46	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			12/06/22 01:46	1
1,2,4-Trimethylbenzene	1.9		0.98	0.39	ug/m3			12/06/22 01:46	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			12/06/22 01:46	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			12/06/22 01:46	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			12/06/22 01:46	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			12/06/22 01:46	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			12/06/22 01:46	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			12/06/22 01:46	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			12/06/22 01:46	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			12/06/22 01:46	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			12/06/22 01:46	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			12/06/22 01:46	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	88	J	ppb v/v		4.61			12/06/22 01:46	1
Pentane	51	J N	ppb v/v		5.07	109-66-0		12/06/22 01:46	1
Cyclopropane, 1,2-dimethyl-, trans-	11	J N	ppb v/v		5.61	2402-06-4		12/06/22 01:46	1
Pentane, 2-methyl-	56	J N	ppb v/v		6.74	107-83-5		12/06/22 01:46	1
Unknown	22	J	ppb v/v		7.18			12/06/22 01:46	1
Cyclopentane, methyl-	17	J N	ppb v/v		8.74	96-37-7		12/06/22 01:46	1
Hexane, 2-methyl-	15	J N	ppb v/v		9.87	591-76-4		12/06/22 01:46	1
Pentane, 2,3-dimethyl-	8.9	J N	ppb v/v		10.04	565-59-3		12/06/22 01:46	1
Hexane, 3-methyl-	16	J N	ppb v/v		10.22	589-34-4		12/06/22 01:46	1
Cyclohexane, methyl-	9.6	J N	ppb v/v		12.26	108-87-2		12/06/22 01:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.55	ppb v/v			12/06/22 02:39	5
Chlorodifluoromethane	2.5	U	2.5	0.60	ppb v/v			12/06/22 02:39	5
1,2-Dichlorotetrafluoroethane	1.0	U	1.0	0.24	ppb v/v			12/06/22 02:39	5
Chloromethane	2.5	U	2.5	0.75	ppb v/v			12/06/22 02:39	5

Eurofins Burlington

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-2

Lab Sample ID: 200-65967-2

Date Collected: 12/01/22 13:52

Matrix: Air

Date Received: 12/02/22 10:30

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	200	D	2.5	1.0	ppb v/v			12/06/22 02:39	5
Vinyl chloride	0.39	U	0.39	0.11	ppb v/v			12/06/22 02:39	5
1,3-Butadiene	2.4	D	1.0	0.20	ppb v/v			12/06/22 02:39	5
Bromomethane	1.0	U	1.0	0.36	ppb v/v			12/06/22 02:39	5
Chloroethane	2.5	U	2.5	0.90	ppb v/v			12/06/22 02:39	5
Bromoethene(Vinyl Bromide)	1.0	U	1.0	0.25	ppb v/v			12/06/22 02:39	5
Trichlorofluoromethane	1.0	U	1.0	0.25	ppb v/v			12/06/22 02:39	5
1,1,2-Trichlorotrifluoroethane	1.0	U	1.0	0.27	ppb v/v			12/06/22 02:39	5
1,1-Dichloroethene	0.18	U	0.18	0.13	ppb v/v			12/06/22 02:39	5
Acetone	31	D	25	8.0	ppb v/v			12/06/22 02:39	5
Isopropyl alcohol	25	U *	25	8.0	ppb v/v			12/06/22 02:39	5
Carbon disulfide	1.5	J D	2.5	0.65	ppb v/v			12/06/22 02:39	5
3-Chloropropene	2.5	U	2.5	0.60	ppb v/v			12/06/22 02:39	5
Methylene Chloride	2.5	U	2.5	0.90	ppb v/v			12/06/22 02:39	5
tert-Butyl alcohol	25	U	25	6.0	ppb v/v			12/06/22 02:39	5
Methyl tert-butyl ether	1.0	U	1.0	0.18	ppb v/v			12/06/22 02:39	5
trans-1,2-Dichloroethene	1.0	U	1.0	0.12	ppb v/v			12/06/22 02:39	5
n-Hexane	32	D	2.5	0.55	ppb v/v			12/06/22 02:39	5
1,1-Dichloroethane	1.0	U	1.0	0.13	ppb v/v			12/06/22 02:39	5
Methyl Ethyl Ketone	5.0	D	2.5	2.5	ppb v/v			12/06/22 02:39	5
cis-1,2-Dichloroethene	2.5	U	2.5	0.11	ppb v/v			12/06/22 02:39	5
1,2-Dichloroethene, Total	2.0	U	2.0	0.50	ppb v/v			12/06/22 02:39	5
Chloroform	8.3	D	1.0	0.21	ppb v/v			12/06/22 02:39	5
Tetrahydrofuran	25	U	25	6.5	ppb v/v			12/06/22 02:39	5
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ppb v/v			12/06/22 02:39	5
Cyclohexane	2.7	D	1.0	0.29	ppb v/v			12/06/22 02:39	5
Carbon tetrachloride	0.18	U	0.18	0.11	ppb v/v			12/06/22 02:39	5
2,2,4-Trimethylpentane	7.0	D	1.0	0.19	ppb v/v			12/06/22 02:39	5
Benzene	17	D	1.0	0.22	ppb v/v			12/06/22 02:39	5
1,2-Dichloroethane	1.1	D	1.0	0.47	ppb v/v			12/06/22 02:39	5
n-Heptane	7.0	D	1.0	0.28	ppb v/v			12/06/22 02:39	5
Trichloroethene	12	D	0.18	0.13	ppb v/v			12/06/22 02:39	5
Methyl methacrylate	2.5	U	2.5	0.70	ppb v/v			12/06/22 02:39	5
1,2-Dichloropropane	1.0	U	1.0	0.47	ppb v/v			12/06/22 02:39	5
1,4-Dioxane	25	U	25	6.5	ppb v/v			12/06/22 02:39	5
Bromodichloromethane	1.0	U	1.0	0.25	ppb v/v			12/06/22 02:39	5
cis-1,3-Dichloropropene	1.0	U	1.0	0.23	ppb v/v			12/06/22 02:39	5
methyl isobutyl ketone	2.5	U	2.5	0.65	ppb v/v			12/06/22 02:39	5
Toluene	28	D	1.0	0.21	ppb v/v			12/06/22 02:39	5
trans-1,3-Dichloropropene	1.0	U	1.0	0.27	ppb v/v			12/06/22 02:39	5
1,1,2-Trichloroethane	1.0	U	1.0	0.37	ppb v/v			12/06/22 02:39	5
Tetrachloroethene	24	D	1.0	0.11	ppb v/v			12/06/22 02:39	5
Methyl Butyl Ketone (2-Hexanone)	2.5	U	2.5	0.75	ppb v/v			12/06/22 02:39	5
Dibromochloromethane	1.0	U	1.0	0.32	ppb v/v			12/06/22 02:39	5
1,2-Dibromoethane	1.0	U	1.0	0.21	ppb v/v			12/06/22 02:39	5
Chlorobenzene	1.0	U	1.0	0.22	ppb v/v			12/06/22 02:39	5
Ethylbenzene	1.6	D	1.0	0.26	ppb v/v			12/06/22 02:39	5
m,p-Xylene	4.8	D	2.5	0.48	ppb v/v			12/06/22 02:39	5

Eurofins Burlington

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-2

Lab Sample ID: 200-65967-2

Date Collected: 12/01/22 13:52

Matrix: Air

Date Received: 12/02/22 10:30

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
Xylene, o-	1.8	D	1.0	0.26	ppb v/v			12/06/22 02:39	5
Xylene (total)	6.6	D	3.5	0.55	ppb v/v			12/06/22 02:39	5
Styrene	1.0	U	1.0	0.30	ppb v/v			12/06/22 02:39	5
Bromoform	1.0	U	1.0	0.60	ppb v/v			12/06/22 02:39	5
Cumene	0.22	J D	1.0	0.21	ppb v/v			12/06/22 02:39	5
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ppb v/v			12/06/22 02:39	5
n-Propylbenzene	1.0	U	1.0	0.24	ppb v/v			12/06/22 02:39	5
4-Ethyltoluene	1.0	U	1.0	0.25	ppb v/v			12/06/22 02:39	5
1,3,5-Trimethylbenzene	1.0	U	1.0	0.24	ppb v/v			12/06/22 02:39	5
2-Chlorotoluene	1.0	U	1.0	0.23	ppb v/v			12/06/22 02:39	5
tert-Butylbenzene	1.0	U	1.0	0.24	ppb v/v			12/06/22 02:39	5
1,2,4-Trimethylbenzene	1.0	U	1.0	0.40	ppb v/v			12/06/22 02:39	5
sec-Butylbenzene	1.0	U	1.0	0.23	ppb v/v			12/06/22 02:39	5
4-Isopropyltoluene	1.0	U	1.0	0.31	ppb v/v			12/06/22 02:39	5
1,3-Dichlorobenzene	1.0	U	1.0	0.37	ppb v/v			12/06/22 02:39	5
1,4-Dichlorobenzene	1.0	U	1.0	0.45	ppb v/v			12/06/22 02:39	5
Benzyl chloride	1.0	U	1.0	0.44	ppb v/v			12/06/22 02:39	5
n-Butylbenzene	1.0	U	1.0	0.55	ppb v/v			12/06/22 02:39	5
1,2-Dichlorobenzene	1.0	U	1.0	0.33	ppb v/v			12/06/22 02:39	5
1,2,4-Trichlorobenzene	2.5	U	2.5	1.7	ppb v/v			12/06/22 02:39	5
Hexachlorobutadiene	1.0	U	1.0	0.55	ppb v/v			12/06/22 02:39	5
Naphthalene	2.5	U	2.5	1.5	ppb v/v			12/06/22 02:39	5
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	12	U	12	2.7	ug/m3			12/06/22 02:39	5
Chlorodifluoromethane	8.8	U	8.8	2.1	ug/m3			12/06/22 02:39	5
1,2-Dichlorotetrafluoroethane	7.0	U	7.0	1.7	ug/m3			12/06/22 02:39	5
Chloromethane	5.2	U	5.2	1.5	ug/m3			12/06/22 02:39	5
n-Butane	470	D	5.9	2.4	ug/m3			12/06/22 02:39	5
Vinyl chloride	1.0	U	1.0	0.27	ug/m3			12/06/22 02:39	5
1,3-Butadiene	5.3	D	2.2	0.43	ug/m3			12/06/22 02:39	5
Bromomethane	3.9	U	3.9	1.4	ug/m3			12/06/22 02:39	5
Chloroethane	6.6	U	6.6	2.4	ug/m3			12/06/22 02:39	5
Bromoethene(Vinyl Bromide)	4.4	U	4.4	1.1	ug/m3			12/06/22 02:39	5
Trichlorofluoromethane	5.6	U	5.6	1.4	ug/m3			12/06/22 02:39	5
1,1,2-Trichlorotrifluoroethane	7.7	U	7.7	2.0	ug/m3			12/06/22 02:39	5
1,1-Dichloroethene	0.70	U	0.70	0.52	ug/m3			12/06/22 02:39	5
Acetone	74	D	59	19	ug/m3			12/06/22 02:39	5
Isopropyl alcohol	61	U *+	61	20	ug/m3			12/06/22 02:39	5
Carbon disulfide	4.8	J D	7.8	2.0	ug/m3			12/06/22 02:39	5
3-Chloropropene	7.8	U	7.8	1.9	ug/m3			12/06/22 02:39	5
Methylene Chloride	8.7	U	8.7	3.1	ug/m3			12/06/22 02:39	5
tert-Butyl alcohol	76	U	76	18	ug/m3			12/06/22 02:39	5
Methyl tert-butyl ether	3.6	U	3.6	0.65	ug/m3			12/06/22 02:39	5
trans-1,2-Dichloroethene	4.0	U	4.0	0.46	ug/m3			12/06/22 02:39	5
n-Hexane	110	D	8.8	1.9	ug/m3			12/06/22 02:39	5
1,1-Dichloroethane	4.0	U	4.0	0.51	ug/m3			12/06/22 02:39	5
Methyl Ethyl Ketone	15	D	7.4	7.2	ug/m3			12/06/22 02:39	5
cis-1,2-Dichloroethene	10	U	10	0.42	ug/m3			12/06/22 02:39	5

Eurofins Burlington

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-2

Lab Sample ID: 200-65967-2

Date Collected: 12/01/22 13:52

Matrix: Air

Date Received: 12/02/22 10:30

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
1,2-Dichloroethene, Total	7.9	U	7.9	2.0	ug/m3			12/06/22 02:39	5
Chloroform	40	D	4.9	1.0	ug/m3			12/06/22 02:39	5
Tetrahydrofuran	74	U	74	19	ug/m3			12/06/22 02:39	5
1,1,1-Trichloroethane	5.5	U	5.5	1.2	ug/m3			12/06/22 02:39	5
Cyclohexane	9.1	D	3.4	1.0	ug/m3			12/06/22 02:39	5
Carbon tetrachloride	1.1	U	1.1	0.69	ug/m3			12/06/22 02:39	5
2,2,4-Trimethylpentane	33	D	4.7	0.89	ug/m3			12/06/22 02:39	5
Benzene	54	D	3.2	0.70	ug/m3			12/06/22 02:39	5
1,2-Dichloroethane	4.6	D	4.0	1.9	ug/m3			12/06/22 02:39	5
n-Heptane	29	D	4.1	1.1	ug/m3			12/06/22 02:39	5
Trichloroethene	66	D	0.94	0.67	ug/m3			12/06/22 02:39	5
Methyl methacrylate	10	U	10	2.9	ug/m3			12/06/22 02:39	5
1,2-Dichloropropane	4.6	U	4.6	2.2	ug/m3			12/06/22 02:39	5
1,4-Dioxane	90	U	90	23	ug/m3			12/06/22 02:39	5
Bromodichloromethane	6.7	U	6.7	1.7	ug/m3			12/06/22 02:39	5
cis-1,3-Dichloropropene	4.5	U	4.5	1.0	ug/m3			12/06/22 02:39	5
methyl isobutyl ketone	10	U	10	2.7	ug/m3			12/06/22 02:39	5
Toluene	110	D	3.8	0.79	ug/m3			12/06/22 02:39	5
trans-1,3-Dichloropropene	4.5	U	4.5	1.2	ug/m3			12/06/22 02:39	5
1,1,2-Trichloroethane	5.5	U	5.5	2.0	ug/m3			12/06/22 02:39	5
Tetrachloroethene	160	D	6.8	0.71	ug/m3			12/06/22 02:39	5
Methyl Butyl Ketone (2-Hexanone)	10	U	10	3.1	ug/m3			12/06/22 02:39	5
Dibromochloromethane	8.5	U	8.5	2.7	ug/m3			12/06/22 02:39	5
1,2-Dibromoethane	7.7	U	7.7	1.6	ug/m3			12/06/22 02:39	5
Chlorobenzene	4.6	U	4.6	1.0	ug/m3			12/06/22 02:39	5
Ethylbenzene	7.1	D	4.3	1.1	ug/m3			12/06/22 02:39	5
m,p-Xylene	21	D	11	2.1	ug/m3			12/06/22 02:39	5
Xylene, o-	8.0	D	4.3	1.1	ug/m3			12/06/22 02:39	5
Xylene (total)	29	D	15	2.4	ug/m3			12/06/22 02:39	5
Styrene	4.3	U	4.3	1.3	ug/m3			12/06/22 02:39	5
Bromoform	10	U	10	6.2	ug/m3			12/06/22 02:39	5
Cumene	1.1	J D	4.9	1.0	ug/m3			12/06/22 02:39	5
1,1,2,2-Tetrachloroethane	6.9	U	6.9	1.5	ug/m3			12/06/22 02:39	5
n-Propylbenzene	4.9	U	4.9	1.2	ug/m3			12/06/22 02:39	5
4-Ethyltoluene	4.9	U	4.9	1.2	ug/m3			12/06/22 02:39	5
1,3,5-Trimethylbenzene	4.9	U	4.9	1.2	ug/m3			12/06/22 02:39	5
2-Chlorotoluene	5.2	U	5.2	1.2	ug/m3			12/06/22 02:39	5
tert-Butylbenzene	5.5	U	5.5	1.3	ug/m3			12/06/22 02:39	5
1,2,4-Trimethylbenzene	4.9	U	4.9	2.0	ug/m3			12/06/22 02:39	5
sec-Butylbenzene	5.5	U	5.5	1.2	ug/m3			12/06/22 02:39	5
4-Isopropyltoluene	5.5	U	5.5	1.7	ug/m3			12/06/22 02:39	5
1,3-Dichlorobenzene	6.0	U	6.0	2.2	ug/m3			12/06/22 02:39	5
1,4-Dichlorobenzene	6.0	U	6.0	2.7	ug/m3			12/06/22 02:39	5
Benzyl chloride	5.2	U	5.2	2.3	ug/m3			12/06/22 02:39	5
n-Butylbenzene	5.5	U	5.5	3.0	ug/m3			12/06/22 02:39	5
1,2-Dichlorobenzene	6.0	U	6.0	2.0	ug/m3			12/06/22 02:39	5
1,2,4-Trichlorobenzene	19	U	19	12	ug/m3			12/06/22 02:39	5
Hexachlorobutadiene	11	U	11	5.9	ug/m3			12/06/22 02:39	5

Eurofins Burlington

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-2

Lab Sample ID: 200-65967-2

Date Collected: 12/01/22 13:52

Matrix: Air

Date Received: 12/02/22 10:30

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
Naphthalene	13	U	13	7.9	ug/m3			12/06/22 02:39	5
<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Unknown	8.3	J D	ppb v/v		3.42			12/06/22 02:39	5
Unknown	78	J D	ppb v/v		4.61			12/06/22 02:39	5
Pentane	42	J N D	ppb v/v		5.07	109-66-0		12/06/22 02:39	5
Cyclopropane, 1,2-dimethyl-, trans-	8.3	J N D	ppb v/v		5.61	2402-06-4		12/06/22 02:39	5
Unknown	45	J D	ppb v/v		6.74			12/06/22 02:39	5
Unknown	17	J D	ppb v/v		7.18			12/06/22 02:39	5
Cyclopentane, methyl-	12	J N D	ppb v/v		8.73	96-37-7		12/06/22 02:39	5
Hexane, 2-methyl-	12	J N D	ppb v/v		9.87	591-76-4		12/06/22 02:39	5
Hexane, 3-methyl-	12	J N D	ppb v/v		10.21	589-34-4		12/06/22 02:39	5
Cyclohexane, methyl-	6.6	J N D	ppb v/v		12.26	108-87-2		12/06/22 02:39	5

Client Sample ID: SV-3

Lab Sample ID: 200-65967-3

Date Collected: 12/01/22 14:00

Matrix: Air

Date Received: 12/02/22 10:30

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	0.39	J	0.50	0.11	ppb v/v			12/06/22 22:30	1
Chlorodifluoromethane	0.64		0.50	0.12	ppb v/v			12/06/22 22:30	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			12/06/22 22:30	1
Chloromethane	0.29	J	0.50	0.15	ppb v/v			12/06/22 22:30	1
n-Butane	98	E	0.50	0.20	ppb v/v			12/06/22 22:30	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			12/06/22 22:30	1
1,3-Butadiene	0.27		0.20	0.039	ppb v/v			12/06/22 22:30	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			12/06/22 22:30	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			12/06/22 22:30	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			12/06/22 22:30	1
Trichlorofluoromethane	0.25		0.20	0.050	ppb v/v			12/06/22 22:30	1
1,1,2-Trichlorotrifluoroethane	0.071	J	0.20	0.053	ppb v/v			12/06/22 22:30	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			12/06/22 22:30	1
Acetone	30		5.0	1.6	ppb v/v			12/06/22 22:30	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			12/06/22 22:30	1
Carbon disulfide	0.27	J	0.50	0.13	ppb v/v			12/06/22 22:30	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			12/06/22 22:30	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			12/06/22 22:30	1
tert-Butyl alcohol	1.7	J	5.0	1.2	ppb v/v			12/06/22 22:30	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			12/06/22 22:30	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			12/06/22 22:30	1
n-Hexane	12		0.50	0.11	ppb v/v			12/06/22 22:30	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			12/06/22 22:30	1
Methyl Ethyl Ketone	1.4		0.50	0.49	ppb v/v			12/06/22 22:30	1
cis-1,2-Dichloroethene	0.35	J	0.50	0.021	ppb v/v			12/06/22 22:30	1
1,2-Dichloroethene, Total	0.35	J	0.40	0.10	ppb v/v			12/06/22 22:30	1
Chloroform	1.9		0.20	0.041	ppb v/v			12/06/22 22:30	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			12/06/22 22:30	1

Eurofins Burlington

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-3

Lab Sample ID: 200-65967-3

Date Collected: 12/01/22 14:00

Matrix: Air

Date Received: 12/02/22 10:30

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
1,1,1-Trichloroethane	1.2		0.20	0.044	ppb v/v			12/06/22 22:30	1
Cyclohexane	3.5		0.20	0.058	ppb v/v			12/06/22 22:30	1
Carbon tetrachloride	0.083		0.035	0.022	ppb v/v			12/06/22 22:30	1
2,2,4-Trimethylpentane	7.4		0.20	0.038	ppb v/v			12/06/22 22:30	1
Benzene	5.9		0.20	0.044	ppb v/v			12/06/22 22:30	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			12/06/22 22:30	1
n-Heptane	7.9		0.20	0.055	ppb v/v			12/06/22 22:30	1
Trichloroethene	10		0.035	0.025	ppb v/v			12/06/22 22:30	1
Methyl methacrylate	26		0.50	0.14	ppb v/v			12/06/22 22:30	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			12/06/22 22:30	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			12/06/22 22:30	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			12/06/22 22:30	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			12/06/22 22:30	1
methyl isobutyl ketone	0.50	U	0.50	0.13	ppb v/v			12/06/22 22:30	1
Toluene	37		0.20	0.042	ppb v/v			12/06/22 22:30	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			12/06/22 22:30	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			12/06/22 22:30	1
Tetrachloroethene	73	E	0.20	0.021	ppb v/v			12/06/22 22:30	1
Methyl Butyl Ketone (2-Hexanone)	9.4		0.50	0.15	ppb v/v			12/06/22 22:30	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			12/06/22 22:30	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			12/06/22 22:30	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			12/06/22 22:30	1
Ethylbenzene	39		0.20	0.052	ppb v/v			12/06/22 22:30	1
m,p-Xylene	130	E	0.50	0.095	ppb v/v			12/06/22 22:30	1
Xylene, o-	71	E	0.20	0.052	ppb v/v			12/06/22 22:30	1
Xylene (total)	200	E	0.70	0.11	ppb v/v			12/06/22 22:30	1
Styrene	0.20	U	0.20	0.059	ppb v/v			12/06/22 22:30	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			12/06/22 22:30	1
Cumene	39		0.20	0.041	ppb v/v			12/06/22 22:30	1
1,1,1,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			12/06/22 22:30	1
n-Propylbenzene	18		0.20	0.047	ppb v/v			12/06/22 22:30	1
4-Ethyltoluene	18		0.20	0.049	ppb v/v			12/06/22 22:30	1
1,3,5-Trimethylbenzene	18		0.20	0.047	ppb v/v			12/06/22 22:30	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			12/06/22 22:30	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			12/06/22 22:30	1
1,2,4-Trimethylbenzene	37		0.20	0.080	ppb v/v			12/06/22 22:30	1
sec-Butylbenzene	1.7		0.20	0.045	ppb v/v			12/06/22 22:30	1
4-Isopropyltoluene	0.70		0.20	0.061	ppb v/v			12/06/22 22:30	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			12/06/22 22:30	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			12/06/22 22:30	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			12/06/22 22:30	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			12/06/22 22:30	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			12/06/22 22:30	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			12/06/22 22:30	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			12/06/22 22:30	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			12/06/22 22:30	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.9	J	2.5	0.54	ug/m3			12/06/22 22:30	1

Eurofins Burlington

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-3

Lab Sample ID: 200-65967-3

Date Collected: 12/01/22 14:00

Matrix: Air

Date Received: 12/02/22 10:30

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
Chlorodifluoromethane	2.3		1.8	0.42	ug/m3			12/06/22 22:30	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			12/06/22 22:30	1
Chloromethane	0.59	J	1.0	0.31	ug/m3			12/06/22 22:30	1
n-Butane	230	E	1.2	0.48	ug/m3			12/06/22 22:30	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			12/06/22 22:30	1
1,3-Butadiene	0.60		0.44	0.086	ug/m3			12/06/22 22:30	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			12/06/22 22:30	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			12/06/22 22:30	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			12/06/22 22:30	1
Trichlorofluoromethane	1.4		1.1	0.28	ug/m3			12/06/22 22:30	1
1,1,2-Trichlorotrifluoroethane	0.54	J	1.5	0.41	ug/m3			12/06/22 22:30	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			12/06/22 22:30	1
Acetone	71		12	3.8	ug/m3			12/06/22 22:30	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			12/06/22 22:30	1
Carbon disulfide	0.84	J	1.6	0.40	ug/m3			12/06/22 22:30	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			12/06/22 22:30	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			12/06/22 22:30	1
tert-Butyl alcohol	5.2	J	15	3.6	ug/m3			12/06/22 22:30	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			12/06/22 22:30	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			12/06/22 22:30	1
n-Hexane	41		1.8	0.39	ug/m3			12/06/22 22:30	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			12/06/22 22:30	1
Methyl Ethyl Ketone	4.0		1.5	1.4	ug/m3			12/06/22 22:30	1
cis-1,2-Dichloroethene	1.4	J	2.0	0.083	ug/m3			12/06/22 22:30	1
1,2-Dichloroethene, Total	1.4	J	1.6	0.40	ug/m3			12/06/22 22:30	1
Chloroform	9.4		0.98	0.20	ug/m3			12/06/22 22:30	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			12/06/22 22:30	1
1,1,1-Trichloroethane	6.7		1.1	0.24	ug/m3			12/06/22 22:30	1
Cyclohexane	12		0.69	0.20	ug/m3			12/06/22 22:30	1
Carbon tetrachloride	0.52		0.22	0.14	ug/m3			12/06/22 22:30	1
2,2,4-Trimethylpentane	35		0.93	0.18	ug/m3			12/06/22 22:30	1
Benzene	19		0.64	0.14	ug/m3			12/06/22 22:30	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			12/06/22 22:30	1
n-Heptane	32		0.82	0.23	ug/m3			12/06/22 22:30	1
Trichloroethene	56		0.19	0.13	ug/m3			12/06/22 22:30	1
Methyl methacrylate	110		2.0	0.57	ug/m3			12/06/22 22:30	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			12/06/22 22:30	1
1,4-Dioxane	18	U	18	4.7	ug/m3			12/06/22 22:30	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			12/06/22 22:30	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			12/06/22 22:30	1
methyl isobutyl ketone	2.0	U	2.0	0.53	ug/m3			12/06/22 22:30	1
Toluene	140		0.75	0.16	ug/m3			12/06/22 22:30	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			12/06/22 22:30	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			12/06/22 22:30	1
Tetrachloroethene	500	E	1.4	0.14	ug/m3			12/06/22 22:30	1
Methyl Butyl Ketone (2-Hexanone)	38		2.0	0.61	ug/m3			12/06/22 22:30	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			12/06/22 22:30	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			12/06/22 22:30	1

Eurofins Burlington

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-3

Lab Sample ID: 200-65967-3

Date Collected: 12/01/22 14:00

Matrix: Air

Date Received: 12/02/22 10:30

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	0.92	U	0.92	0.20	ug/m3			12/06/22 22:30	1
Ethylbenzene	170		0.87	0.23	ug/m3			12/06/22 22:30	1
m,p-Xylene	570	E	2.2	0.41	ug/m3			12/06/22 22:30	1
Xylene, o-	310	E	0.87	0.23	ug/m3			12/06/22 22:30	1
Xylene (total)	870	E	3.0	0.48	ug/m3			12/06/22 22:30	1
Styrene	0.85	U	0.85	0.25	ug/m3			12/06/22 22:30	1
Bromoform	2.1	U	2.1	1.2	ug/m3			12/06/22 22:30	1
Cumene	190		0.98	0.20	ug/m3			12/06/22 22:30	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			12/06/22 22:30	1
n-Propylbenzene	86		0.98	0.23	ug/m3			12/06/22 22:30	1
4-Ethyltoluene	91		0.98	0.24	ug/m3			12/06/22 22:30	1
1,3,5-Trimethylbenzene	87		0.98	0.23	ug/m3			12/06/22 22:30	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			12/06/22 22:30	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			12/06/22 22:30	1
1,2,4-Trimethylbenzene	180		0.98	0.39	ug/m3			12/06/22 22:30	1
sec-Butylbenzene	9.3		1.1	0.25	ug/m3			12/06/22 22:30	1
4-Isopropyltoluene	3.8		1.1	0.33	ug/m3			12/06/22 22:30	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			12/06/22 22:30	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			12/06/22 22:30	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			12/06/22 22:30	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			12/06/22 22:30	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			12/06/22 22:30	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			12/06/22 22:30	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			12/06/22 22:30	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			12/06/22 22:30	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Isobutane	30	J N	ppb v/v		4.54	75-28-5		12/06/22 22:30	1
Butane, 2-methyl-	77	J N	ppb v/v		6.21	78-78-4		12/06/22 22:30	1
Pentane	61	J N	ppb v/v		6.79	109-66-0		12/06/22 22:30	1
Octane, 2-methyl-	39	J N	ppb v/v		18.08	3221-61-2		12/06/22 22:30	1
Octane, 3-methyl-	25	J N	ppb v/v		18.31	2216-33-3		12/06/22 22:30	1
Nonane	37	J N	ppb v/v		19.11	111-84-2		12/06/22 22:30	1
Benzene, 1-ethyl-3-methyl-	77	J N	ppb v/v		21.40	620-14-4		12/06/22 22:30	1
Benzene, 1-ethyl-2-methyl-	34	J N	ppb v/v		21.86	611-14-3		12/06/22 22:30	1
Unknown	31	J	ppb v/v		23.40			12/06/22 22:30	1
Unknown	36	J	ppb v/v		23.64			12/06/22 22:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.46	J D	2.0	0.44	ppb v/v			12/06/22 23:22	4
Chlorodifluoromethane	0.64	J D	2.0	0.48	ppb v/v			12/06/22 23:22	4
1,2-Dichlorotetrafluoroethane	0.80	U	0.80	0.19	ppb v/v			12/06/22 23:22	4
Chloromethane	2.0	U	2.0	0.60	ppb v/v			12/06/22 23:22	4
n-Butane	96	D	2.0	0.80	ppb v/v			12/06/22 23:22	4
Vinyl chloride	0.31	U	0.31	0.084	ppb v/v			12/06/22 23:22	4
1,3-Butadiene	0.40	J D	0.80	0.16	ppb v/v			12/06/22 23:22	4
Bromomethane	0.80	U	0.80	0.28	ppb v/v			12/06/22 23:22	4
Chloroethane	2.0	U	2.0	0.72	ppb v/v			12/06/22 23:22	4

Eurofins Burlington

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-3

Lab Sample ID: 200-65967-3

Date Collected: 12/01/22 14:00

Matrix: Air

Date Received: 12/02/22 10:30

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
Bromoethene(Vinyl Bromide)	0.80	U	0.80	0.20	ppb v/v			12/06/22 23:22	4
Trichlorofluoromethane	0.24	J D	0.80	0.20	ppb v/v			12/06/22 23:22	4
1,1,2-Trichlorotrifluoroethane	0.80	U	0.80	0.21	ppb v/v			12/06/22 23:22	4
1,1-Dichloroethene	0.14	U	0.14	0.10	ppb v/v			12/06/22 23:22	4
Acetone	28	D	20	6.4	ppb v/v			12/06/22 23:22	4
Isopropyl alcohol	20	U	20	6.4	ppb v/v			12/06/22 23:22	4
Carbon disulfide	2.0	U	2.0	0.52	ppb v/v			12/06/22 23:22	4
3-Chloropropene	2.0	U	2.0	0.48	ppb v/v			12/06/22 23:22	4
Methylene Chloride	2.0	U	2.0	0.72	ppb v/v			12/06/22 23:22	4
tert-Butyl alcohol	20	U	20	4.8	ppb v/v			12/06/22 23:22	4
Methyl tert-butyl ether	0.80	U	0.80	0.14	ppb v/v			12/06/22 23:22	4
trans-1,2-Dichloroethene	0.80	U	0.80	0.092	ppb v/v			12/06/22 23:22	4
n-Hexane	12	D	2.0	0.44	ppb v/v			12/06/22 23:22	4
1,1-Dichloroethane	0.80	U	0.80	0.10	ppb v/v			12/06/22 23:22	4
Methyl Ethyl Ketone	2.0	U	2.0	2.0	ppb v/v			12/06/22 23:22	4
cis-1,2-Dichloroethene	0.52	J D	2.0	0.084	ppb v/v			12/06/22 23:22	4
1,2-Dichloroethene, Total	0.52	J D	1.6	0.40	ppb v/v			12/06/22 23:22	4
Chloroform	1.9	D	0.80	0.16	ppb v/v			12/06/22 23:22	4
Tetrahydrofuran	20	U	20	5.2	ppb v/v			12/06/22 23:22	4
1,1,1-Trichloroethane	1.3	D	0.80	0.18	ppb v/v			12/06/22 23:22	4
Cyclohexane	3.6	D	0.80	0.23	ppb v/v			12/06/22 23:22	4
Carbon tetrachloride	0.14	U	0.14	0.088	ppb v/v			12/06/22 23:22	4
2,2,4-Trimethylpentane	7.3	D	0.80	0.15	ppb v/v			12/06/22 23:22	4
Benzene	6.0	D	0.80	0.18	ppb v/v			12/06/22 23:22	4
1,2-Dichloroethane	0.80	U	0.80	0.37	ppb v/v			12/06/22 23:22	4
n-Heptane	7.6	D	0.80	0.22	ppb v/v			12/06/22 23:22	4
Trichloroethene	10	D	0.14	0.10	ppb v/v			12/06/22 23:22	4
Methyl methacrylate	25	D	2.0	0.56	ppb v/v			12/06/22 23:22	4
1,2-Dichloropropane	0.80	U	0.80	0.38	ppb v/v			12/06/22 23:22	4
1,4-Dioxane	20	U	20	5.2	ppb v/v			12/06/22 23:22	4
Bromodichloromethane	0.80	U	0.80	0.20	ppb v/v			12/06/22 23:22	4
cis-1,3-Dichloropropene	0.80	U	0.80	0.18	ppb v/v			12/06/22 23:22	4
methyl isobutyl ketone	2.0	U	2.0	0.52	ppb v/v			12/06/22 23:22	4
Toluene	45	D	0.80	0.17	ppb v/v			12/06/22 23:22	4
trans-1,3-Dichloropropene	0.80	U	0.80	0.22	ppb v/v			12/06/22 23:22	4
1,1,2-Trichloroethane	0.80	U	0.80	0.30	ppb v/v			12/06/22 23:22	4
Tetrachloroethene	100	D	0.80	0.084	ppb v/v			12/06/22 23:22	4
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.60	ppb v/v			12/06/22 23:22	4
Dibromochloromethane	0.80	U	0.80	0.25	ppb v/v			12/06/22 23:22	4
1,2-Dibromoethane	0.80	U	0.80	0.17	ppb v/v			12/06/22 23:22	4
Chlorobenzene	0.80	U	0.80	0.18	ppb v/v			12/06/22 23:22	4
Ethylbenzene	49	D	0.80	0.21	ppb v/v			12/06/22 23:22	4
m,p-Xylene	190	D	2.0	0.38	ppb v/v			12/06/22 23:22	4
Xylene, o-	94	D	0.80	0.21	ppb v/v			12/06/22 23:22	4
Xylene (total)	280	D	2.8	0.44	ppb v/v			12/06/22 23:22	4
Styrene	0.80	U	0.80	0.24	ppb v/v			12/06/22 23:22	4
Bromoform	0.80	U	0.80	0.48	ppb v/v			12/06/22 23:22	4
Cumene	49	D	0.80	0.16	ppb v/v			12/06/22 23:22	4

Eurofins Burlington

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-3

Lab Sample ID: 200-65967-3

Date Collected: 12/01/22 14:00

Matrix: Air

Date Received: 12/02/22 10:30

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
1,1,2,2-Tetrachloroethane	0.80	U	0.80	0.17	ppb v/v			12/06/22 23:22	4
n-Propylbenzene	21	D	0.80	0.19	ppb v/v			12/06/22 23:22	4
4-Ethyltoluene	22	D	0.80	0.20	ppb v/v			12/06/22 23:22	4
1,3,5-Trimethylbenzene	22	D	0.80	0.19	ppb v/v			12/06/22 23:22	4
2-Chlorotoluene	0.80	U	0.80	0.18	ppb v/v			12/06/22 23:22	4
tert-Butylbenzene	0.80	U	0.80	0.19	ppb v/v			12/06/22 23:22	4
1,2,4-Trimethylbenzene	47	D	0.80	0.32	ppb v/v			12/06/22 23:22	4
sec-Butylbenzene	0.80	U	0.80	0.18	ppb v/v			12/06/22 23:22	4
4-Isopropyltoluene	0.88	D	0.80	0.24	ppb v/v			12/06/22 23:22	4
1,3-Dichlorobenzene	0.80	U	0.80	0.30	ppb v/v			12/06/22 23:22	4
1,4-Dichlorobenzene	0.80	U	0.80	0.36	ppb v/v			12/06/22 23:22	4
Benzyl chloride	0.80	U	0.80	0.35	ppb v/v			12/06/22 23:22	4
n-Butylbenzene	0.80	U	0.80	0.44	ppb v/v			12/06/22 23:22	4
1,2-Dichlorobenzene	0.80	U	0.80	0.26	ppb v/v			12/06/22 23:22	4
1,2,4-Trichlorobenzene	2.0	U	2.0	1.3	ppb v/v			12/06/22 23:22	4
Hexachlorobutadiene	0.80	U	0.80	0.44	ppb v/v			12/06/22 23:22	4
Naphthalene	2.0	U	2.0	1.2	ppb v/v			12/06/22 23:22	4
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.3	J D	9.9	2.2	ug/m3			12/06/22 23:22	4
Chlorodifluoromethane	2.3	J D	7.1	1.7	ug/m3			12/06/22 23:22	4
1,2-Dichlorotetrafluoroethane	5.6	U	5.6	1.3	ug/m3			12/06/22 23:22	4
Chloromethane	4.1	U	4.1	1.2	ug/m3			12/06/22 23:22	4
n-Butane	230	D	4.8	1.9	ug/m3			12/06/22 23:22	4
Vinyl chloride	0.80	U	0.80	0.21	ug/m3			12/06/22 23:22	4
1,3-Butadiene	0.87	J D	1.8	0.35	ug/m3			12/06/22 23:22	4
Bromomethane	3.1	U	3.1	1.1	ug/m3			12/06/22 23:22	4
Chloroethane	5.3	U	5.3	1.9	ug/m3			12/06/22 23:22	4
Bromoethene(Vinyl Bromide)	3.5	U	3.5	0.87	ug/m3			12/06/22 23:22	4
Trichlorofluoromethane	1.3	J D	4.5	1.1	ug/m3			12/06/22 23:22	4
1,1,2-Trichlorotrifluoroethane	6.1	U	6.1	1.6	ug/m3			12/06/22 23:22	4
1,1-Dichloroethene	0.56	U	0.56	0.41	ug/m3			12/06/22 23:22	4
Acetone	66	D	48	15	ug/m3			12/06/22 23:22	4
Isopropyl alcohol	49	U	49	16	ug/m3			12/06/22 23:22	4
Carbon disulfide	6.2	U	6.2	1.6	ug/m3			12/06/22 23:22	4
3-Chloropropene	6.3	U	6.3	1.5	ug/m3			12/06/22 23:22	4
Methylene Chloride	6.9	U	6.9	2.5	ug/m3			12/06/22 23:22	4
tert-Butyl alcohol	61	U	61	15	ug/m3			12/06/22 23:22	4
Methyl tert-butyl ether	2.9	U	2.9	0.52	ug/m3			12/06/22 23:22	4
trans-1,2-Dichloroethene	3.2	U	3.2	0.36	ug/m3			12/06/22 23:22	4
n-Hexane	41	D	7.0	1.6	ug/m3			12/06/22 23:22	4
1,1-Dichloroethane	3.2	U	3.2	0.40	ug/m3			12/06/22 23:22	4
Methyl Ethyl Ketone	5.9	U	5.9	5.8	ug/m3			12/06/22 23:22	4
cis-1,2-Dichloroethene	2.1	J D	8.0	0.33	ug/m3			12/06/22 23:22	4
1,2-Dichloroethene, Total	2.1	J D	6.3	1.6	ug/m3			12/06/22 23:22	4
Chloroform	9.4	D	3.9	0.80	ug/m3			12/06/22 23:22	4
Tetrahydrofuran	59	U	59	15	ug/m3			12/06/22 23:22	4
1,1,1-Trichloroethane	6.9	D	4.4	0.96	ug/m3			12/06/22 23:22	4
Cyclohexane	12	D	2.8	0.80	ug/m3			12/06/22 23:22	4

Eurofins Burlington

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-3

Lab Sample ID: 200-65967-3

Date Collected: 12/01/22 14:00

Matrix: Air

Date Received: 12/02/22 10:30

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
Carbon tetrachloride	0.88	U	0.88	0.55	ug/m3			12/06/22 23:22	4
2,2,4-Trimethylpentane	34	D	3.7	0.71	ug/m3			12/06/22 23:22	4
Benzene	19	D	2.6	0.56	ug/m3			12/06/22 23:22	4
1,2-Dichloroethane	3.2	U	3.2	1.5	ug/m3			12/06/22 23:22	4
n-Heptane	31	D	3.3	0.90	ug/m3			12/06/22 23:22	4
Trichloroethene	56	D	0.75	0.54	ug/m3			12/06/22 23:22	4
Methyl methacrylate	100	D	8.2	2.3	ug/m3			12/06/22 23:22	4
1,2-Dichloropropane	3.7	U	3.7	1.7	ug/m3			12/06/22 23:22	4
1,4-Dioxane	72	U	72	19	ug/m3			12/06/22 23:22	4
Bromodichloromethane	5.4	U	5.4	1.3	ug/m3			12/06/22 23:22	4
cis-1,3-Dichloropropene	3.6	U	3.6	0.82	ug/m3			12/06/22 23:22	4
methyl isobutyl ketone	8.2	U	8.2	2.1	ug/m3			12/06/22 23:22	4
Toluene	170	D	3.0	0.63	ug/m3			12/06/22 23:22	4
trans-1,3-Dichloropropene	3.6	U	3.6	0.98	ug/m3			12/06/22 23:22	4
1,1,2-Trichloroethane	4.4	U	4.4	1.6	ug/m3			12/06/22 23:22	4
Tetrachloroethene	680	D	5.4	0.57	ug/m3			12/06/22 23:22	4
Methyl Butyl Ketone (2-Hexanone)	8.2	U	8.2	2.5	ug/m3			12/06/22 23:22	4
Dibromochloromethane	6.8	U	6.8	2.1	ug/m3			12/06/22 23:22	4
1,2-Dibromoethane	6.1	U	6.1	1.3	ug/m3			12/06/22 23:22	4
Chlorobenzene	3.7	U	3.7	0.81	ug/m3			12/06/22 23:22	4
Ethylbenzene	210	D	3.5	0.90	ug/m3			12/06/22 23:22	4
m,p-Xylene	810	D	8.7	1.7	ug/m3			12/06/22 23:22	4
Xylene, o-	410	D	3.5	0.90	ug/m3			12/06/22 23:22	4
Xylene (total)	1200	D	12	1.9	ug/m3			12/06/22 23:22	4
Styrene	3.4	U	3.4	1.0	ug/m3			12/06/22 23:22	4
Bromoform	8.3	U	8.3	5.0	ug/m3			12/06/22 23:22	4
Cumene	240	D	3.9	0.81	ug/m3			12/06/22 23:22	4
1,1,2,2-Tetrachloroethane	5.5	U	5.5	1.2	ug/m3			12/06/22 23:22	4
n-Propylbenzene	100	D	3.9	0.92	ug/m3			12/06/22 23:22	4
4-Ethyltoluene	110	D	3.9	0.96	ug/m3			12/06/22 23:22	4
1,3,5-Trimethylbenzene	110	D	3.9	0.92	ug/m3			12/06/22 23:22	4
2-Chlorotoluene	4.1	U	4.1	0.95	ug/m3			12/06/22 23:22	4
tert-Butylbenzene	4.4	U	4.4	1.0	ug/m3			12/06/22 23:22	4
1,2,4-Trimethylbenzene	230	D	3.9	1.6	ug/m3			12/06/22 23:22	4
sec-Butylbenzene	4.4	U	4.4	0.99	ug/m3			12/06/22 23:22	4
4-Isopropyltoluene	4.8	D	4.4	1.3	ug/m3			12/06/22 23:22	4
1,3-Dichlorobenzene	4.8	U	4.8	1.8	ug/m3			12/06/22 23:22	4
1,4-Dichlorobenzene	4.8	U	4.8	2.1	ug/m3			12/06/22 23:22	4
Benzyl chloride	4.1	U	4.1	1.8	ug/m3			12/06/22 23:22	4
n-Butylbenzene	4.4	U	4.4	2.4	ug/m3			12/06/22 23:22	4
1,2-Dichlorobenzene	4.8	U	4.8	1.6	ug/m3			12/06/22 23:22	4
1,2,4-Trichlorobenzene	15	U	15	9.8	ug/m3			12/06/22 23:22	4
Hexachlorobutadiene	8.5	U	8.5	4.7	ug/m3			12/06/22 23:22	4
Naphthalene	10	U	10	6.3	ug/m3			12/06/22 23:22	4

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Norflurane	25	D J N	ppb v/v		3.97	811-97-2		12/06/22 23:22	4
Butane, 2-methyl-	81	D J N	ppb v/v		6.22	78-78-4		12/06/22 23:22	4
Pentane	64	D J N	ppb v/v		6.79	109-66-0		12/06/22 23:22	4

Eurofins Burlington

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-3

Lab Sample ID: 200-65967-3

Date Collected: 12/01/22 14:00

Matrix: Air

Date Received: 12/02/22 10:30

Sample Container: Summa Canister 6L

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

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Octane, 2-methyl-	40	D J N	ppb v/v		18.08	3221-61-2		12/06/22 23:22	4
Octane, 3-methyl-	26	D J N	ppb v/v		18.31	2216-33-3		12/06/22 23:22	4
Nonane	38	D J N	ppb v/v		19.10	111-84-2		12/06/22 23:22	4
Benzene, 1-ethyl-3-methyl-	86	D J N	ppb v/v		21.40	620-14-4		12/06/22 23:22	4
Benzene, 1-ethyl-2-methyl-	36	D J N	ppb v/v		21.86	611-14-3		12/06/22 23:22	4
Unknown	27	D J	ppb v/v		23.31			12/06/22 23:22	4
Unknown	35	D J	ppb v/v		23.64			12/06/22 23:22	4

QC Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

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

Lab Sample ID: MB 200-186329/5

Matrix: Air

Analysis Batch: 186329

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			12/05/22 09:58	1
Chlorodifluoromethane	0.50	U	0.50	0.12	ppb v/v			12/05/22 09:58	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			12/05/22 09:58	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			12/05/22 09:58	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			12/05/22 09:58	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			12/05/22 09:58	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			12/05/22 09:58	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			12/05/22 09:58	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			12/05/22 09:58	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			12/05/22 09:58	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			12/05/22 09:58	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			12/05/22 09:58	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			12/05/22 09:58	1
Acetone	5.0	U	5.0	1.6	ppb v/v			12/05/22 09:58	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			12/05/22 09:58	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			12/05/22 09:58	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			12/05/22 09:58	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			12/05/22 09:58	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			12/05/22 09:58	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			12/05/22 09:58	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			12/05/22 09:58	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			12/05/22 09:58	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			12/05/22 09:58	1
Methyl Ethyl Ketone	0.50	U	0.50	0.49	ppb v/v			12/05/22 09:58	1
cis-1,2-Dichloroethene	0.50	U	0.50	0.021	ppb v/v			12/05/22 09:58	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.10	ppb v/v			12/05/22 09:58	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			12/05/22 09:58	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			12/05/22 09:58	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			12/05/22 09:58	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			12/05/22 09:58	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			12/05/22 09:58	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			12/05/22 09:58	1
Benzene	0.20	U	0.20	0.044	ppb v/v			12/05/22 09:58	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			12/05/22 09:58	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			12/05/22 09:58	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			12/05/22 09:58	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			12/05/22 09:58	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			12/05/22 09:58	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			12/05/22 09:58	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			12/05/22 09:58	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			12/05/22 09:58	1
methyl isobutyl ketone	0.50	U	0.50	0.13	ppb v/v			12/05/22 09:58	1
Toluene	0.20	U	0.20	0.042	ppb v/v			12/05/22 09:58	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			12/05/22 09:58	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			12/05/22 09:58	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			12/05/22 09:58	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			12/05/22 09:58	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			12/05/22 09:58	1

Eurofins Burlington

QC Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

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

Lab Sample ID: MB 200-186329/5

Matrix: Air

Analysis Batch: 186329

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			12/05/22 09:58	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			12/05/22 09:58	1
Ethylbenzene	0.20	U	0.20	0.052	ppb v/v			12/05/22 09:58	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			12/05/22 09:58	1
Xylene, o-	0.20	U	0.20	0.052	ppb v/v			12/05/22 09:58	1
Xylene (total)	0.70	U	0.70	0.11	ppb v/v			12/05/22 09:58	1
Styrene	0.20	U	0.20	0.059	ppb v/v			12/05/22 09:58	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			12/05/22 09:58	1
Cumene	0.20	U	0.20	0.041	ppb v/v			12/05/22 09:58	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			12/05/22 09:58	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			12/05/22 09:58	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			12/05/22 09:58	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			12/05/22 09:58	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			12/05/22 09:58	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			12/05/22 09:58	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			12/05/22 09:58	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			12/05/22 09:58	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			12/05/22 09:58	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			12/05/22 09:58	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			12/05/22 09:58	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			12/05/22 09:58	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			12/05/22 09:58	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			12/05/22 09:58	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			12/05/22 09:58	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			12/05/22 09:58	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			12/05/22 09:58	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			12/05/22 09:58	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			12/05/22 09:58	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			12/05/22 09:58	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			12/05/22 09:58	1
n-Butane	1.2	U	1.2	0.48	ug/m3			12/05/22 09:58	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			12/05/22 09:58	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			12/05/22 09:58	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			12/05/22 09:58	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			12/05/22 09:58	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			12/05/22 09:58	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			12/05/22 09:58	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			12/05/22 09:58	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			12/05/22 09:58	1
Acetone	12	U	12	3.8	ug/m3			12/05/22 09:58	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			12/05/22 09:58	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			12/05/22 09:58	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			12/05/22 09:58	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			12/05/22 09:58	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			12/05/22 09:58	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			12/05/22 09:58	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			12/05/22 09:58	1

Eurofins Burlington

QC Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

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

Lab Sample ID: MB 200-186329/5

Matrix: Air

Analysis Batch: 186329

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Hexane	1.8	U	1.8	0.39	ug/m3			12/05/22 09:58	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			12/05/22 09:58	1
Methyl Ethyl Ketone	1.5	U	1.5	1.4	ug/m3			12/05/22 09:58	1
cis-1,2-Dichloroethene	2.0	U	2.0	0.083	ug/m3			12/05/22 09:58	1
1,2-Dichloroethene, Total	1.6	U	1.6	0.40	ug/m3			12/05/22 09:58	1
Chloroform	0.98	U	0.98	0.20	ug/m3			12/05/22 09:58	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			12/05/22 09:58	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			12/05/22 09:58	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			12/05/22 09:58	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			12/05/22 09:58	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			12/05/22 09:58	1
Benzene	0.64	U	0.64	0.14	ug/m3			12/05/22 09:58	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			12/05/22 09:58	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			12/05/22 09:58	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			12/05/22 09:58	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			12/05/22 09:58	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			12/05/22 09:58	1
1,4-Dioxane	18	U	18	4.7	ug/m3			12/05/22 09:58	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			12/05/22 09:58	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			12/05/22 09:58	1
methyl isobutyl ketone	2.0	U	2.0	0.53	ug/m3			12/05/22 09:58	1
Toluene	0.75	U	0.75	0.16	ug/m3			12/05/22 09:58	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			12/05/22 09:58	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			12/05/22 09:58	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			12/05/22 09:58	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			12/05/22 09:58	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			12/05/22 09:58	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			12/05/22 09:58	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			12/05/22 09:58	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			12/05/22 09:58	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			12/05/22 09:58	1
Xylene, o-	0.87	U	0.87	0.23	ug/m3			12/05/22 09:58	1
Xylene (total)	3.0	U	3.0	0.48	ug/m3			12/05/22 09:58	1
Styrene	0.85	U	0.85	0.25	ug/m3			12/05/22 09:58	1
Bromoform	2.1	U	2.1	1.2	ug/m3			12/05/22 09:58	1
Cumene	0.98	U	0.98	0.20	ug/m3			12/05/22 09:58	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			12/05/22 09:58	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			12/05/22 09:58	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			12/05/22 09:58	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			12/05/22 09:58	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			12/05/22 09:58	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			12/05/22 09:58	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			12/05/22 09:58	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			12/05/22 09:58	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			12/05/22 09:58	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			12/05/22 09:58	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			12/05/22 09:58	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			12/05/22 09:58	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			12/05/22 09:58	1

Eurofins Burlington

QC Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

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

Lab Sample ID: MB 200-186329/5

Matrix: Air

Analysis Batch: 186329

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			12/05/22 09:58	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			12/05/22 09:58	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			12/05/22 09:58	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			12/05/22 09:58	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ppb v/v					12/05/22 09:58	1

Lab Sample ID: LCS 200-186329/6

Matrix: Air

Analysis Batch: 186329

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10.0	9.12		ppb v/v		91	61 - 142
Chlorodifluoromethane	10.0	9.89		ppb v/v		99	60 - 147
1,2-Dichlorotetrafluoroethane	10.0	9.20		ppb v/v		92	71 - 141
Chloromethane	10.0	10.2		ppb v/v		102	56 - 141
n-Butane	10.0	9.79		ppb v/v		98	53 - 151
Vinyl chloride	10.0	9.41		ppb v/v		94	61 - 135
1,3-Butadiene	10.0	9.99		ppb v/v		100	58 - 139
Bromomethane	10.0	9.86		ppb v/v		99	72 - 124
Chloroethane	10.0	10.8		ppb v/v		108	68 - 130
Bromoethene(Vinyl Bromide)	10.0	9.72		ppb v/v		97	75 - 125
Trichlorofluoromethane	10.0	9.10		ppb v/v		91	70 - 129
1,1,2-Trichlorotrifluoroethane	10.0	10.4		ppb v/v		104	70 - 121
1,1-Dichloroethene	10.0	10.2		ppb v/v		102	68 - 120
Acetone	10.0	11.5		ppb v/v		115	54 - 154
Isopropyl alcohol	10.0	14.4	*+	ppb v/v		144	53 - 142
Carbon disulfide	10.0	10.9		ppb v/v		109	71 - 138
3-Chloropropene	10.0	10.3		ppb v/v		103	50 - 150
Methylene Chloride	10.0	11.0		ppb v/v		110	59 - 137
tert-Butyl alcohol	10.0	10.2		ppb v/v		102	66 - 132
Methyl tert-butyl ether	10.0	10.4		ppb v/v		104	70 - 127
trans-1,2-Dichloroethene	10.0	10.9		ppb v/v		109	69 - 137
n-Hexane	10.0	10.7		ppb v/v		107	63 - 138
1,1-Dichloroethane	10.0	10.8		ppb v/v		108	66 - 130
Methyl Ethyl Ketone	10.0	11.1		ppb v/v		111	72 - 124
cis-1,2-Dichloroethene	10.0	11.5		ppb v/v		115	72 - 121
Chloroform	10.0	10.0		ppb v/v		100	73 - 124
Tetrahydrofuran	10.0	10.6		ppb v/v		106	60 - 149
1,1,1-Trichloroethane	10.0	9.26		ppb v/v		93	72 - 127
Cyclohexane	10.0	9.92		ppb v/v		99	76 - 124
Carbon tetrachloride	10.0	9.94		ppb v/v		99	71 - 133
2,2,4-Trimethylpentane	10.0	10.1		ppb v/v		101	68 - 131
Benzene	10.0	9.71		ppb v/v		97	73 - 119
1,2-Dichloroethane	10.0	9.27		ppb v/v		93	68 - 135
n-Heptane	10.0	10.0		ppb v/v		100	60 - 142
Trichloroethene	10.0	9.89		ppb v/v		99	73 - 122

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QC Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

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

Lab Sample ID: LCS 200-186329/6

Matrix: Air

Analysis Batch: 186329

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl methacrylate	10.0	10.7		ppb v/v		107	73 - 129
1,2-Dichloropropane	10.0	10.6		ppb v/v		106	69 - 128
1,4-Dioxane	10.0	10.0		ppb v/v		100	66 - 129
Bromodichloromethane	10.0	9.25		ppb v/v		92	75 - 127
cis-1,3-Dichloropropene	10.0	9.38		ppb v/v		94	74 - 125
methyl isobutyl ketone	10.0	10.9		ppb v/v		109	58 - 144
Toluene	10.0	10.5		ppb v/v		105	75 - 122
trans-1,3-Dichloropropene	10.0	9.87		ppb v/v		99	74 - 128
1,1,2-Trichloroethane	10.0	10.9		ppb v/v		109	75 - 126
Tetrachloroethene	10.0	9.47		ppb v/v		95	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10.0	11.6		ppb v/v		116	57 - 143
Dibromochloromethane	10.0	9.98		ppb v/v		100	73 - 125
1,2-Dibromoethane	10.0	10.6		ppb v/v		106	78 - 122
Chlorobenzene	10.0	10.4		ppb v/v		104	76 - 119
Ethylbenzene	10.0	10.2		ppb v/v		102	74 - 122
m,p-Xylene	20.0	21.1		ppb v/v		105	76 - 121
Xylene, o-	10.0	9.94		ppb v/v		99	73 - 123
Styrene	10.0	10.5		ppb v/v		105	74 - 125
Bromoform	10.0	9.21		ppb v/v		92	53 - 149
Cumene	10.0	10.0		ppb v/v		100	73 - 123
1,1,2,2-Tetrachloroethane	10.0	10.5		ppb v/v		105	74 - 126
n-Propylbenzene	10.0	10.1		ppb v/v		101	73 - 127
4-Ethyltoluene	10.0	9.87		ppb v/v		99	75 - 129
1,3,5-Trimethylbenzene	10.0	9.68		ppb v/v		97	72 - 126
2-Chlorotoluene	10.0	9.90		ppb v/v		99	74 - 126
tert-Butylbenzene	10.0	9.35		ppb v/v		94	71 - 125
1,2,4-Trimethylbenzene	10.0	9.33		ppb v/v		93	71 - 129
sec-Butylbenzene	10.0	9.30		ppb v/v		93	70 - 128
4-Isopropyltoluene	10.0	9.28		ppb v/v		93	68 - 130
1,3-Dichlorobenzene	10.0	9.27		ppb v/v		93	69 - 131
1,4-Dichlorobenzene	10.0	9.17		ppb v/v		92	67 - 132
Benzyl chloride	10.0	9.30		ppb v/v		93	60 - 136
n-Butylbenzene	10.0	9.11		ppb v/v		91	65 - 137
1,2-Dichlorobenzene	10.0	9.12		ppb v/v		91	68 - 129
1,2,4-Trichlorobenzene	10.0	7.77		ppb v/v		78	50 - 150
Hexachlorobutadiene	10.0	6.70		ppb v/v		67	58 - 130
Naphthalene	10.0	9.02		ppb v/v		90	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49	45.1		ug/m3		91	61 - 142
Chlorodifluoromethane	35	35.0		ug/m3		99	60 - 147
1,2-Dichlorotetrafluoroethane	70	64.3		ug/m3		92	71 - 141
Chloromethane	21	21.1		ug/m3		102	56 - 141
n-Butane	24	23.3		ug/m3		98	53 - 151
Vinyl chloride	26	24.1		ug/m3		94	61 - 135
1,3-Butadiene	22	22.1		ug/m3		100	58 - 139
Bromomethane	39	38.3		ug/m3		99	72 - 124
Chloroethane	26	28.5		ug/m3		108	68 - 130

Eurofins Burlington

QC Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

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

Lab Sample ID: LCS 200-186329/6

Matrix: Air

Analysis Batch: 186329

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromoethene(Vinyl Bromide)	44	42.5		ug/m3		97	75 - 125
Trichlorofluoromethane	56	51.1		ug/m3		91	70 - 129
1,1,2-Trichlorotrifluoroethane	77	80.0		ug/m3		104	70 - 121
1,1-Dichloroethene	40	40.5		ug/m3		102	68 - 120
Acetone	24	27.3		ug/m3		115	54 - 154
Isopropyl alcohol	25	35.5	*+	ug/m3		144	53 - 142
Carbon disulfide	31	33.9		ug/m3		109	71 - 138
3-Chloropropene	31	32.2		ug/m3		103	50 - 150
Methylene Chloride	35	38.1		ug/m3		110	59 - 137
tert-Butyl alcohol	30	30.8		ug/m3		102	66 - 132
Methyl tert-butyl ether	36	37.4		ug/m3		104	70 - 127
trans-1,2-Dichloroethene	40	43.3		ug/m3		109	69 - 137
n-Hexane	35	37.7		ug/m3		107	63 - 138
1,1-Dichloroethane	40	43.6		ug/m3		108	66 - 130
Methyl Ethyl Ketone	29	32.8		ug/m3		111	72 - 124
cis-1,2-Dichloroethene	40	45.7		ug/m3		115	72 - 121
Chloroform	49	49.0		ug/m3		100	73 - 124
Tetrahydrofuran	29	31.3		ug/m3		106	60 - 149
1,1,1-Trichloroethane	55	50.5		ug/m3		93	72 - 127
Cyclohexane	34	34.2		ug/m3		99	76 - 124
Carbon tetrachloride	63	62.6		ug/m3		99	71 - 133
2,2,4-Trimethylpentane	47	47.0		ug/m3		101	68 - 131
Benzene	32	31.0		ug/m3		97	73 - 119
1,2-Dichloroethane	40	37.5		ug/m3		93	68 - 135
n-Heptane	41	41.2		ug/m3		100	60 - 142
Trichloroethene	54	53.2		ug/m3		99	73 - 122
Methyl methacrylate	41	43.9		ug/m3		107	73 - 129
1,2-Dichloropropane	46	48.9		ug/m3		106	69 - 128
1,4-Dioxane	36	36.1		ug/m3		100	66 - 129
Bromodichloromethane	67	61.9		ug/m3		92	75 - 127
cis-1,3-Dichloropropene	45	42.6		ug/m3		94	74 - 125
methyl isobutyl ketone	41	44.6		ug/m3		109	58 - 144
Toluene	38	39.6		ug/m3		105	75 - 122
trans-1,3-Dichloropropene	45	44.8		ug/m3		99	74 - 128
1,1,2-Trichloroethane	55	59.6		ug/m3		109	75 - 126
Tetrachloroethene	68	64.2		ug/m3		95	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41	47.5		ug/m3		116	57 - 143
Dibromochloromethane	85	85.0		ug/m3		100	73 - 125
1,2-Dibromoethane	77	81.7		ug/m3		106	78 - 122
Chlorobenzene	46	48.1		ug/m3		104	76 - 119
Ethylbenzene	43	44.1		ug/m3		102	74 - 122
m,p-Xylene	87	91.5		ug/m3		105	76 - 121
Xylene, o-	43	43.2		ug/m3		99	73 - 123
Styrene	43	44.7		ug/m3		105	74 - 125
Bromoform	100	95.2		ug/m3		92	53 - 149
Cumene	49	49.3		ug/m3		100	73 - 123
1,1,2,2-Tetrachloroethane	69	72.2		ug/m3		105	74 - 126
n-Propylbenzene	49	49.6		ug/m3		101	73 - 127

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QC Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

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

Lab Sample ID: LCS 200-186329/6

Matrix: Air

Analysis Batch: 186329

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Ethyltoluene	49	48.5		ug/m3		99	75 - 129
1,3,5-Trimethylbenzene	49	47.6		ug/m3		97	72 - 126
2-Chlorotoluene	52	51.3		ug/m3		99	74 - 126
tert-Butylbenzene	55	51.3		ug/m3		94	71 - 125
1,2,4-Trimethylbenzene	49	45.9		ug/m3		93	71 - 129
sec-Butylbenzene	55	51.1		ug/m3		93	70 - 128
4-Isopropyltoluene	55	50.9		ug/m3		93	68 - 130
1,3-Dichlorobenzene	60	55.7		ug/m3		93	69 - 131
1,4-Dichlorobenzene	60	55.1		ug/m3		92	67 - 132
Benzyl chloride	52	48.2		ug/m3		93	60 - 136
n-Butylbenzene	55	50.0		ug/m3		91	65 - 137
1,2-Dichlorobenzene	60	54.8		ug/m3		91	68 - 129
1,2,4-Trichlorobenzene	74	57.7		ug/m3		78	50 - 150
Hexachlorobutadiene	110	71.5		ug/m3		67	58 - 130
Naphthalene	52	47.3		ug/m3		90	50 - 150

Lab Sample ID: MB 200-186397/5

Matrix: Air

Analysis Batch: 186397

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			12/06/22 10:50	1
Chlorodifluoromethane	0.50	U	0.50	0.12	ppb v/v			12/06/22 10:50	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			12/06/22 10:50	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			12/06/22 10:50	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			12/06/22 10:50	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			12/06/22 10:50	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			12/06/22 10:50	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			12/06/22 10:50	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			12/06/22 10:50	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			12/06/22 10:50	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			12/06/22 10:50	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			12/06/22 10:50	1
1,1-Dichloroethene	0.035	U	0.035	0.026	ppb v/v			12/06/22 10:50	1
Acetone	5.0	U	5.0	1.6	ppb v/v			12/06/22 10:50	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			12/06/22 10:50	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			12/06/22 10:50	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			12/06/22 10:50	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			12/06/22 10:50	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			12/06/22 10:50	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			12/06/22 10:50	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			12/06/22 10:50	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			12/06/22 10:50	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			12/06/22 10:50	1
Methyl Ethyl Ketone	0.50	U	0.50	0.49	ppb v/v			12/06/22 10:50	1
cis-1,2-Dichloroethene	0.50	U	0.50	0.021	ppb v/v			12/06/22 10:50	1
1,2-Dichloroethene, Total	0.40	U	0.40	0.10	ppb v/v			12/06/22 10:50	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			12/06/22 10:50	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			12/06/22 10:50	1

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QC Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

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

Lab Sample ID: MB 200-186397/5

Matrix: Air

Analysis Batch: 186397

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	0.20	U	0.20	0.044	ppb v/v			12/06/22 10:50	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			12/06/22 10:50	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			12/06/22 10:50	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			12/06/22 10:50	1
Benzene	0.20	U	0.20	0.044	ppb v/v			12/06/22 10:50	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			12/06/22 10:50	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			12/06/22 10:50	1
Trichloroethene	0.035	U	0.035	0.025	ppb v/v			12/06/22 10:50	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			12/06/22 10:50	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			12/06/22 10:50	1
1,4-Dioxane	5.0	U	5.0	1.3	ppb v/v			12/06/22 10:50	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			12/06/22 10:50	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			12/06/22 10:50	1
methyl isobutyl ketone	0.50	U	0.50	0.13	ppb v/v			12/06/22 10:50	1
Toluene	0.20	U	0.20	0.042	ppb v/v			12/06/22 10:50	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			12/06/22 10:50	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			12/06/22 10:50	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			12/06/22 10:50	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			12/06/22 10:50	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			12/06/22 10:50	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			12/06/22 10:50	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			12/06/22 10:50	1
Ethylbenzene	0.20	U	0.20	0.052	ppb v/v			12/06/22 10:50	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			12/06/22 10:50	1
Xylene, o-	0.20	U	0.20	0.052	ppb v/v			12/06/22 10:50	1
Xylene (total)	0.70	U	0.70	0.11	ppb v/v			12/06/22 10:50	1
Styrene	0.20	U	0.20	0.059	ppb v/v			12/06/22 10:50	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			12/06/22 10:50	1
Cumene	0.20	U	0.20	0.041	ppb v/v			12/06/22 10:50	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			12/06/22 10:50	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			12/06/22 10:50	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			12/06/22 10:50	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			12/06/22 10:50	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			12/06/22 10:50	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			12/06/22 10:50	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			12/06/22 10:50	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			12/06/22 10:50	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			12/06/22 10:50	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			12/06/22 10:50	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			12/06/22 10:50	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			12/06/22 10:50	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			12/06/22 10:50	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			12/06/22 10:50	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			12/06/22 10:50	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			12/06/22 10:50	1
Naphthalene	0.50	U	0.50	0.30	ppb v/v			12/06/22 10:50	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			12/06/22 10:50	1

Eurofins Burlington

QC Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

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

Lab Sample ID: MB 200-186397/5

Matrix: Air

Analysis Batch: 186397

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			12/06/22 10:50	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			12/06/22 10:50	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			12/06/22 10:50	1
n-Butane	1.2	U	1.2	0.48	ug/m3			12/06/22 10:50	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			12/06/22 10:50	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			12/06/22 10:50	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			12/06/22 10:50	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			12/06/22 10:50	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			12/06/22 10:50	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			12/06/22 10:50	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			12/06/22 10:50	1
1,1-Dichloroethene	0.14	U	0.14	0.10	ug/m3			12/06/22 10:50	1
Acetone	12	U	12	3.8	ug/m3			12/06/22 10:50	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			12/06/22 10:50	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			12/06/22 10:50	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			12/06/22 10:50	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			12/06/22 10:50	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			12/06/22 10:50	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			12/06/22 10:50	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			12/06/22 10:50	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			12/06/22 10:50	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			12/06/22 10:50	1
Methyl Ethyl Ketone	1.5	U	1.5	1.4	ug/m3			12/06/22 10:50	1
cis-1,2-Dichloroethene	2.0	U	2.0	0.083	ug/m3			12/06/22 10:50	1
1,2-Dichloroethene, Total	1.6	U	1.6	0.40	ug/m3			12/06/22 10:50	1
Chloroform	0.98	U	0.98	0.20	ug/m3			12/06/22 10:50	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			12/06/22 10:50	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			12/06/22 10:50	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			12/06/22 10:50	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			12/06/22 10:50	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			12/06/22 10:50	1
Benzene	0.64	U	0.64	0.14	ug/m3			12/06/22 10:50	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			12/06/22 10:50	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			12/06/22 10:50	1
Trichloroethene	0.19	U	0.19	0.13	ug/m3			12/06/22 10:50	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			12/06/22 10:50	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			12/06/22 10:50	1
1,4-Dioxane	18	U	18	4.7	ug/m3			12/06/22 10:50	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			12/06/22 10:50	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			12/06/22 10:50	1
methyl isobutyl ketone	2.0	U	2.0	0.53	ug/m3			12/06/22 10:50	1
Toluene	0.75	U	0.75	0.16	ug/m3			12/06/22 10:50	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			12/06/22 10:50	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			12/06/22 10:50	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			12/06/22 10:50	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			12/06/22 10:50	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			12/06/22 10:50	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			12/06/22 10:50	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			12/06/22 10:50	1

Eurofins Burlington

QC Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

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

Lab Sample ID: MB 200-186397/5

Matrix: Air

Analysis Batch: 186397

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			12/06/22 10:50	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			12/06/22 10:50	1
Xylene, o-	0.87	U	0.87	0.23	ug/m3			12/06/22 10:50	1
Xylene (total)	3.0	U	3.0	0.48	ug/m3			12/06/22 10:50	1
Styrene	0.85	U	0.85	0.25	ug/m3			12/06/22 10:50	1
Bromoform	2.1	U	2.1	1.2	ug/m3			12/06/22 10:50	1
Cumene	0.98	U	0.98	0.20	ug/m3			12/06/22 10:50	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			12/06/22 10:50	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			12/06/22 10:50	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			12/06/22 10:50	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			12/06/22 10:50	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			12/06/22 10:50	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			12/06/22 10:50	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			12/06/22 10:50	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			12/06/22 10:50	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			12/06/22 10:50	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			12/06/22 10:50	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			12/06/22 10:50	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			12/06/22 10:50	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			12/06/22 10:50	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			12/06/22 10:50	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			12/06/22 10:50	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			12/06/22 10:50	1
Naphthalene	2.6	U	2.6	1.6	ug/m3			12/06/22 10:50	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ppb v/v					12/06/22 10:50	1

Lab Sample ID: LCS 200-186397/4

Matrix: Air

Analysis Batch: 186397

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10.0	9.81		ppb v/v		98	61 - 142
Chlorodifluoromethane	10.0	11.0		ppb v/v		110	60 - 147
1,2-Dichlorotetrafluoroethane	10.0	9.90		ppb v/v		99	71 - 141
Chloromethane	10.0	11.2		ppb v/v		112	56 - 141
n-Butane	10.0	11.3		ppb v/v		113	53 - 151
Vinyl chloride	10.0	9.17		ppb v/v		92	61 - 135
1,3-Butadiene	10.0	8.42		ppb v/v		84	58 - 139
Bromomethane	10.0	9.62		ppb v/v		96	72 - 124
Chloroethane	10.0	10.7		ppb v/v		107	68 - 130
Bromoethene(Vinyl Bromide)	10.0	9.34		ppb v/v		93	75 - 125
Trichlorofluoromethane	10.0	9.21		ppb v/v		92	70 - 129
1,1,2-Trichlorotrifluoroethane	10.0	10.2		ppb v/v		102	70 - 121
1,1-Dichloroethene	10.0	9.24		ppb v/v		92	68 - 120
Acetone	10.0	11.7		ppb v/v		117	54 - 154
Isopropyl alcohol	10.0	10.3		ppb v/v		103	53 - 142

Eurofins Burlington

QC Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

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

Lab Sample ID: LCS 200-186397/4

Matrix: Air

Analysis Batch: 186397

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon disulfide	10.0	11.1		ppb v/v		111	71 - 138
3-Chloropropene	10.0	10.2		ppb v/v		102	50 - 150
Methylene Chloride	10.0	11.1		ppb v/v		111	59 - 137
tert-Butyl alcohol	10.0	11.0		ppb v/v		110	66 - 132
Methyl tert-butyl ether	10.0	10.4		ppb v/v		104	70 - 127
trans-1,2-Dichloroethene	10.0	9.92		ppb v/v		99	69 - 137
n-Hexane	10.0	10.7		ppb v/v		107	63 - 138
1,1-Dichloroethane	10.0	10.3		ppb v/v		103	66 - 130
Methyl Ethyl Ketone	10.0	11.1		ppb v/v		111	72 - 124
cis-1,2-Dichloroethene	10.0	10.2		ppb v/v		102	72 - 121
Chloroform	10.0	10.2		ppb v/v		102	73 - 124
Tetrahydrofuran	10.0	11.7		ppb v/v		117	60 - 149
1,1,1-Trichloroethane	10.0	9.63		ppb v/v		96	72 - 127
Cyclohexane	10.0	10.3		ppb v/v		103	76 - 124
Carbon tetrachloride	10.0	8.87		ppb v/v		89	71 - 133
2,2,4-Trimethylpentane	10.0	10.7		ppb v/v		107	68 - 131
Benzene	10.0	10.4		ppb v/v		104	73 - 119
1,2-Dichloroethane	10.0	9.37		ppb v/v		94	68 - 135
n-Heptane	10.0	10.4		ppb v/v		104	60 - 142
Trichloroethene	10.0	9.54		ppb v/v		95	73 - 122
Methyl methacrylate	10.0	11.3		ppb v/v		113	73 - 129
1,2-Dichloropropane	10.0	10.8		ppb v/v		108	69 - 128
1,4-Dioxane	10.0	9.09		ppb v/v		91	66 - 129
Bromodichloromethane	10.0	9.68		ppb v/v		97	75 - 127
cis-1,3-Dichloropropene	10.0	9.62		ppb v/v		96	74 - 125
methyl isobutyl ketone	10.0	11.4		ppb v/v		114	58 - 144
Toluene	10.0	10.2		ppb v/v		102	75 - 122
trans-1,3-Dichloropropene	10.0	10.3		ppb v/v		103	74 - 128
1,1,2-Trichloroethane	10.0	10.1		ppb v/v		101	75 - 126
Tetrachloroethene	10.0	9.30		ppb v/v		93	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10.0	11.4		ppb v/v		114	57 - 143
Dibromochloromethane	10.0	9.85		ppb v/v		99	73 - 125
1,2-Dibromoethane	10.0	10.1		ppb v/v		101	78 - 122
Chlorobenzene	10.0	9.94		ppb v/v		99	76 - 119
Ethylbenzene	10.0	10.3		ppb v/v		103	74 - 122
m,p-Xylene	20.0	20.1		ppb v/v		100	76 - 121
Xylene, o-	10.0	9.67		ppb v/v		97	73 - 123
Styrene	10.0	10.2		ppb v/v		102	74 - 125
Bromoform	10.0	9.57		ppb v/v		96	53 - 149
Cumene	10.0	9.91		ppb v/v		99	73 - 123
1,1,2,2-Tetrachloroethane	10.0	10.2		ppb v/v		102	74 - 126
n-Propylbenzene	10.0	10.2		ppb v/v		102	73 - 127
4-Ethyltoluene	10.0	10.1		ppb v/v		101	75 - 129
1,3,5-Trimethylbenzene	10.0	9.92		ppb v/v		99	72 - 126
2-Chlorotoluene	10.0	9.89		ppb v/v		99	74 - 126
tert-Butylbenzene	10.0	9.63		ppb v/v		96	71 - 125
1,2,4-Trimethylbenzene	10.0	9.79		ppb v/v		98	71 - 129
sec-Butylbenzene	10.0	9.78		ppb v/v		98	70 - 128

Eurofins Burlington

QC Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

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

Lab Sample ID: LCS 200-186397/4

Matrix: Air

Analysis Batch: 186397

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Isopropyltoluene	10.0	9.88		ppb v/v		99	68 - 130
1,3-Dichlorobenzene	10.0	9.88		ppb v/v		99	69 - 131
1,4-Dichlorobenzene	10.0	9.82		ppb v/v		98	67 - 132
Benzyl chloride	10.0	9.81		ppb v/v		98	60 - 136
n-Butylbenzene	10.0	10.0		ppb v/v		100	65 - 137
1,2-Dichlorobenzene	10.0	9.75		ppb v/v		97	68 - 129
1,2,4-Trichlorobenzene	10.0	8.96		ppb v/v		90	50 - 150
Hexachlorobutadiene	10.0	7.91		ppb v/v		79	58 - 130
Naphthalene	10.0	9.58		ppb v/v		96	50 - 150
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49	48.5		ug/m3		98	61 - 142
Chlorodifluoromethane	35	38.8		ug/m3		110	60 - 147
1,2-Dichlorotetrafluoroethane	70	69.2		ug/m3		99	71 - 141
Chloromethane	21	23.2		ug/m3		112	56 - 141
n-Butane	24	26.8		ug/m3		113	53 - 151
Vinyl chloride	26	23.5		ug/m3		92	61 - 135
1,3-Butadiene	22	18.6		ug/m3		84	58 - 139
Bromomethane	39	37.4		ug/m3		96	72 - 124
Chloroethane	26	28.1		ug/m3		107	68 - 130
Bromoethene(Vinyl Bromide)	44	40.9		ug/m3		93	75 - 125
Trichlorofluoromethane	56	51.7		ug/m3		92	70 - 129
1,1,2-Trichlorotrifluoroethane	77	78.2		ug/m3		102	70 - 121
1,1-Dichloroethene	40	36.6		ug/m3		92	68 - 120
Acetone	24	27.8		ug/m3		117	54 - 154
Isopropyl alcohol	25	25.2		ug/m3		103	53 - 142
Carbon disulfide	31	34.6		ug/m3		111	71 - 138
3-Chloropropene	31	32.0		ug/m3		102	50 - 150
Methylene Chloride	35	38.7		ug/m3		111	59 - 137
tert-Butyl alcohol	30	33.3		ug/m3		110	66 - 132
Methyl tert-butyl ether	36	37.3		ug/m3		104	70 - 127
trans-1,2-Dichloroethene	40	39.3		ug/m3		99	69 - 137
n-Hexane	35	37.6		ug/m3		107	63 - 138
1,1-Dichloroethane	40	41.7		ug/m3		103	66 - 130
Methyl Ethyl Ketone	29	32.7		ug/m3		111	72 - 124
cis-1,2-Dichloroethene	40	40.3		ug/m3		102	72 - 121
Chloroform	49	49.6		ug/m3		102	73 - 124
Tetrahydrofuran	29	34.4		ug/m3		117	60 - 149
1,1,1-Trichloroethane	55	52.5		ug/m3		96	72 - 127
Cyclohexane	34	35.5		ug/m3		103	76 - 124
Carbon tetrachloride	63	55.8		ug/m3		89	71 - 133
2,2,4-Trimethylpentane	47	49.8		ug/m3		107	68 - 131
Benzene	32	33.3		ug/m3		104	73 - 119
1,2-Dichloroethane	40	37.9		ug/m3		94	68 - 135
n-Heptane	41	42.7		ug/m3		104	60 - 142
Trichloroethene	54	51.3		ug/m3		95	73 - 122
Methyl methacrylate	41	46.4		ug/m3		113	73 - 129
1,2-Dichloropropane	46	49.8		ug/m3		108	69 - 128
1,4-Dioxane	36	32.8		ug/m3		91	66 - 129

Eurofins Burlington

QC Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

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

Lab Sample ID: LCS 200-186397/4

Matrix: Air

Analysis Batch: 186397

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane	67	64.8		ug/m3		97	75 - 127
cis-1,3-Dichloropropene	45	43.7		ug/m3		96	74 - 125
methyl isobutyl ketone	41	46.7		ug/m3		114	58 - 144
Toluene	38	38.5		ug/m3		102	75 - 122
trans-1,3-Dichloropropene	45	46.8		ug/m3		103	74 - 128
1,1,2-Trichloroethane	55	55.1		ug/m3		101	75 - 126
Tetrachloroethene	68	63.1		ug/m3		93	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41	46.8		ug/m3		114	57 - 143
Dibromochloromethane	85	83.9		ug/m3		99	73 - 125
1,2-Dibromoethane	77	77.7		ug/m3		101	78 - 122
Chlorobenzene	46	45.8		ug/m3		99	76 - 119
Ethylbenzene	43	44.6		ug/m3		103	74 - 122
m,p-Xylene	87	87.2		ug/m3		100	76 - 121
Xylene, o-	43	42.0		ug/m3		97	73 - 123
Styrene	43	43.6		ug/m3		102	74 - 125
Bromoform	100	98.9		ug/m3		96	53 - 149
Cumene	49	48.7		ug/m3		99	73 - 123
1,1,2,2-Tetrachloroethane	69	70.0		ug/m3		102	74 - 126
n-Propylbenzene	49	50.2		ug/m3		102	73 - 127
4-Ethyltoluene	49	49.5		ug/m3		101	75 - 129
1,3,5-Trimethylbenzene	49	48.8		ug/m3		99	72 - 126
2-Chlorotoluene	52	51.2		ug/m3		99	74 - 126
tert-Butylbenzene	55	52.9		ug/m3		96	71 - 125
1,2,4-Trimethylbenzene	49	48.1		ug/m3		98	71 - 129
sec-Butylbenzene	55	53.7		ug/m3		98	70 - 128
4-Isopropyltoluene	55	54.3		ug/m3		99	68 - 130
1,3-Dichlorobenzene	60	59.4		ug/m3		99	69 - 131
1,4-Dichlorobenzene	60	59.0		ug/m3		98	67 - 132
Benzyl chloride	52	50.8		ug/m3		98	60 - 136
n-Butylbenzene	55	55.1		ug/m3		100	65 - 137
1,2-Dichlorobenzene	60	58.6		ug/m3		97	68 - 129
1,2,4-Trichlorobenzene	74	66.5		ug/m3		90	50 - 150
Hexachlorobutadiene	110	84.4		ug/m3		79	58 - 130
Naphthalene	52	50.2		ug/m3		96	50 - 150

Definitions/Glossary

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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.

Air - GC/MS VOA TICs

Qualifier	Qualifier Description
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.

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

QC Association Summary

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Air - GC/MS VOA

Analysis Batch: 186329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-65967-1	SV-1	Total/NA	Air	TO-15	
200-65967-1 - DL	SV-1	Total/NA	Air	TO-15	
200-65967-2	SV-2	Total/NA	Air	TO-15	
200-65967-2 - DL	SV-2	Total/NA	Air	TO-15	
MB 200-186329/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-186329/6	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 186397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-65967-3	SV-3	Total/NA	Air	TO-15	
200-65967-3 - DL	SV-3	Total/NA	Air	TO-15	
MB 200-186397/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-186397/4	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

Client Sample ID: SV-1

Date Collected: 12/01/22 13:50

Date Received: 12/02/22 10:30

Lab Sample ID: 200-65967-1

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	186329	TPB	EET BUR	12/06/22 00:01
Total/NA	Analysis	TO-15	DL	5	186329	TPB	EET BUR	12/06/22 00:54

Client Sample ID: SV-2

Date Collected: 12/01/22 13:52

Date Received: 12/02/22 10:30

Lab Sample ID: 200-65967-2

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	186329	TPB	EET BUR	12/06/22 01:46
Total/NA	Analysis	TO-15	DL	5	186329	TPB	EET BUR	12/06/22 02:39

Client Sample ID: SV-3

Date Collected: 12/01/22 14:00

Date Received: 12/02/22 10:30

Lab Sample ID: 200-65967-3

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	186397	K1P	EET BUR	12/06/22 22:30
Total/NA	Analysis	TO-15	DL	4	186397	K1P	EET BUR	12/06/22 23:22

Laboratory References:

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

Accreditation/Certification Summary

Client: GEI Consultants, Inc.
Project/Site: 1099 Webster Ave Bronx, NY

Job ID: 200-65967-1

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	04-01-23

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
TO-15		Air	1,2-Dichloroethene, Total
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 T015

Volatile Organic Compounds (GC/MS)
by Method T015

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 200-53537-006.D
 Lab ID: LCS 200-186329/6 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	9.12	91	61-142	
Chlorodifluoromethane	10.0	9.89	99	60-147	
1,2-Dichlorotetrafluoroethane	10.0	9.20	92	71-141	
Chloromethane	10.0	10.2	102	56-141	
n-Butane	10.0	9.79	98	53-151	
Vinyl chloride	10.0	9.41	94	61-135	
1,3-Butadiene	10.0	9.99	100	58-139	
Bromomethane	10.0	9.86	99	72-124	
Chloroethane	10.0	10.8	108	68-130	
Bromoethene (Vinyl Bromide)	10.0	9.72	97	75-125	
Trichlorofluoromethane	10.0	9.10	91	70-129	
1,1,2-Trichlorotrifluoroethane	10.0	10.4	104	70-121	
1,1-Dichloroethene	10.0	10.2	102	68-120	
Acetone	10.0	11.5	115	54-154	
Isopropyl alcohol	10.0	14.4	144	53-142	*+
Carbon disulfide	10.0	10.9	109	71-138	
3-Chloropropene	10.0	10.3	103	50-150	
Methylene Chloride	10.0	11.0	110	59-137	
tert-Butyl alcohol	10.0	10.2	102	66-132	
Methyl tert-butyl ether	10.0	10.4	104	70-127	
trans-1,2-Dichloroethene	10.0	10.9	109	69-137	
n-Hexane	10.0	10.7	107	63-138	
1,1-Dichloroethane	10.0	10.8	108	66-130	
Methyl Ethyl Ketone	10.0	11.1	111	72-124	
cis-1,2-Dichloroethene	10.0	11.5	115	72-121	
Chloroform	10.0	10.0	100	73-124	
Tetrahydrofuran	10.0	10.6	106	60-149	
1,1,1-Trichloroethane	10.0	9.26	93	72-127	
Cyclohexane	10.0	9.92	99	76-124	
Carbon tetrachloride	10.0	9.94	99	71-133	
2,2,4-Trimethylpentane	10.0	10.1	101	68-131	
Benzene	10.0	9.71	97	73-119	
1,2-Dichloroethane	10.0	9.27	93	68-135	
n-Heptane	10.0	10.0	100	60-142	
Trichloroethene	10.0	9.89	99	73-122	
Methyl methacrylate	10.0	10.7	107	73-129	
1,2-Dichloropropane	10.0	10.6	106	69-128	
1,4-Dioxane	10.0	10.0	100	66-129	
Bromodichloromethane	10.0	9.25	92	75-127	
cis-1,3-Dichloropropene	10.0	9.38	94	74-125	
methyl isobutyl ketone	10.0	10.9	109	58-144	
Toluene	10.0	10.5	105	75-122	

Column to be used to flag recovery and RPD values

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 200-53537-006.D
 Lab ID: LCS 200-186329/6 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	9.87	99	74-128	
1,1,2-Trichloroethane	10.0	10.9	109	75-126	
Tetrachloroethene	10.0	9.47	95	70-125	
Methyl Butyl Ketone (2-Hexanone)	10.0	11.6	116	57-143	
Dibromochloromethane	10.0	9.98	100	73-125	
1,2-Dibromoethane	10.0	10.6	106	78-122	
Chlorobenzene	10.0	10.4	104	76-119	
Ethylbenzene	10.0	10.2	102	74-122	
m,p-Xylene	20.0	21.1	105	76-121	
Xylene, o-	10.0	9.94	99	73-123	
Styrene	10.0	10.5	105	74-125	
Bromoform	10.0	9.21	92	53-149	
Cumene	10.0	10.0	100	73-123	
1,1,2,2-Tetrachloroethane	10.0	10.5	105	74-126	
n-Propylbenzene	10.0	10.1	101	73-127	
4-Ethyltoluene	10.0	9.87	99	75-129	
1,3,5-Trimethylbenzene	10.0	9.68	97	72-126	
2-Chlorotoluene	10.0	9.90	99	74-126	
tert-Butylbenzene	10.0	9.35	94	71-125	
1,2,4-Trimethylbenzene	10.0	9.33	93	71-129	
sec-Butylbenzene	10.0	9.30	93	70-128	
4-Isopropyltoluene	10.0	9.28	93	68-130	
1,3-Dichlorobenzene	10.0	9.27	93	69-131	
1,4-Dichlorobenzene	10.0	9.17	92	67-132	
Benzyl chloride	10.0	9.30	93	60-136	
n-Butylbenzene	10.0	9.11	91	65-137	
1,2-Dichlorobenzene	10.0	9.12	91	68-129	
1,2,4-Trichlorobenzene	10.0	7.77	78	50-150	
Hexachlorobutadiene	10.0	6.70	67	58-130	
Naphthalene	10.0	9.02	90	50-150	

Column to be used to flag recovery and RPD values

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 53566-004.d
 Lab ID: LCS 200-186397/4 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	9.81	98	61-142	
Chlorodifluoromethane	10.0	11.0	110	60-147	
1,2-Dichlorotetrafluoroethane	10.0	9.90	99	71-141	
Chloromethane	10.0	11.2	112	56-141	
n-Butane	10.0	11.3	113	53-151	
Vinyl chloride	10.0	9.17	92	61-135	
1,3-Butadiene	10.0	8.42	84	58-139	
Bromomethane	10.0	9.62	96	72-124	
Chloroethane	10.0	10.7	107	68-130	
Bromoethene (Vinyl Bromide)	10.0	9.34	93	75-125	
Trichlorofluoromethane	10.0	9.21	92	70-129	
1,1,2-Trichlorotrifluoroethane	10.0	10.2	102	70-121	
1,1-Dichloroethene	10.0	9.24	92	68-120	
Acetone	10.0	11.7	117	54-154	
Isopropyl alcohol	10.0	10.3	103	53-142	
Carbon disulfide	10.0	11.1	111	71-138	
3-Chloropropene	10.0	10.2	102	50-150	
Methylene Chloride	10.0	11.1	111	59-137	
tert-Butyl alcohol	10.0	11.0	110	66-132	
Methyl tert-butyl ether	10.0	10.4	104	70-127	
trans-1,2-Dichloroethene	10.0	9.92	99	69-137	
n-Hexane	10.0	10.7	107	63-138	
1,1-Dichloroethane	10.0	10.3	103	66-130	
Methyl Ethyl Ketone	10.0	11.1	111	72-124	
cis-1,2-Dichloroethene	10.0	10.2	102	72-121	
Chloroform	10.0	10.2	102	73-124	
Tetrahydrofuran	10.0	11.7	117	60-149	
1,1,1-Trichloroethane	10.0	9.63	96	72-127	
Cyclohexane	10.0	10.3	103	76-124	
Carbon tetrachloride	10.0	8.87	89	71-133	
2,2,4-Trimethylpentane	10.0	10.7	107	68-131	
Benzene	10.0	10.4	104	73-119	
1,2-Dichloroethane	10.0	9.37	94	68-135	
n-Heptane	10.0	10.4	104	60-142	
Trichloroethene	10.0	9.54	95	73-122	
Methyl methacrylate	10.0	11.3	113	73-129	
1,2-Dichloropropane	10.0	10.8	108	69-128	
1,4-Dioxane	10.0	9.09	91	66-129	
Bromodichloromethane	10.0	9.68	97	75-127	
cis-1,3-Dichloropropene	10.0	9.62	96	74-125	
methyl isobutyl ketone	10.0	11.4	114	58-144	
Toluene	10.0	10.2	102	75-122	

Column to be used to flag recovery and RPD values

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 53566-004.d
 Lab ID: LCS 200-186397/4 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	10.3	103	74-128	
1,1,2-Trichloroethane	10.0	10.1	101	75-126	
Tetrachloroethene	10.0	9.30	93	70-125	
Methyl Butyl Ketone (2-Hexanone)	10.0	11.4	114	57-143	
Dibromochloromethane	10.0	9.85	99	73-125	
1,2-Dibromoethane	10.0	10.1	101	78-122	
Chlorobenzene	10.0	9.94	99	76-119	
Ethylbenzene	10.0	10.3	103	74-122	
m,p-Xylene	20.0	20.1	100	76-121	
Xylene, o-	10.0	9.67	97	73-123	
Styrene	10.0	10.2	102	74-125	
Bromoform	10.0	9.57	96	53-149	
Cumene	10.0	9.91	99	73-123	
1,1,2,2-Tetrachloroethane	10.0	10.2	102	74-126	
n-Propylbenzene	10.0	10.2	102	73-127	
4-Ethyltoluene	10.0	10.1	101	75-129	
1,3,5-Trimethylbenzene	10.0	9.92	99	72-126	
2-Chlorotoluene	10.0	9.89	99	74-126	
tert-Butylbenzene	10.0	9.63	96	71-125	
1,2,4-Trimethylbenzene	10.0	9.79	98	71-129	
sec-Butylbenzene	10.0	9.78	98	70-128	
4-Isopropyltoluene	10.0	9.88	99	68-130	
1,3-Dichlorobenzene	10.0	9.88	99	69-131	
1,4-Dichlorobenzene	10.0	9.82	98	67-132	
Benzyl chloride	10.0	9.81	98	60-136	
n-Butylbenzene	10.0	10.0	100	65-137	
1,2-Dichlorobenzene	10.0	9.75	97	68-129	
1,2,4-Trichlorobenzene	10.0	8.96	90	50-150	
Hexachlorobutadiene	10.0	7.91	79	58-130	
Naphthalene	10.0	9.58	96	50-150	

Column to be used to flag recovery and RPD values

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Lab File ID: 200-53537-005.D Lab Sample ID: MB 200-186329/5
 Matrix: Air Heated Purge: (Y/N) N
 Instrument ID: CHG.i Date Analyzed: 12/05/2022 09:58
 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 200-186329/6	200-53537-0 06.D	12/05/2022 10:52
SV-1	200-65967-1	200-53537-0 21.D	12/06/2022 00:01
SV-1 DL	200-65967-1 DL	200-53537-0 22.D	12/06/2022 00:54
SV-2	200-65967-2	200-53537-0 23.D	12/06/2022 01:46
SV-2 DL	200-65967-2 DL	200-53537-0 24.D	12/06/2022 02:39

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-65967-1
SDG No.: _____
Lab File ID: 53566-005.d Lab Sample ID: MB 200-186397/5
Matrix: Air Heated Purge: (Y/N) N
Instrument ID: CHW.i Date Analyzed: 12/06/2022 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 200-186397/4	53566-004.d	12/06/2022 09:58
SV-3	200-65967-3	53566-018.d	12/06/2022 22:30
SV-3 DL	200-65967-3 DL	53566-019.d	12/06/2022 23:22

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
SDG No.: _____
Lab File ID: 200-53415-001.D BFB Injection Date: 11/21/2022
Instrument ID: CHG.i BFB Injection Time: 14:10
Analysis Batch No.: 186003

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	43.5
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	0.3 (0.3) 1
174	50.0 - 120.0% of mass 95	115.3
175	4.0 - 9.0 % of mass 174	8.6 (7.5) 1
176	93.0 - 101.0% of mass 174	112.2 (97.4) 1
177	5.0 - 9.0% of mass 176	7.3 (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 200-186003/4	200-53415-004	11/21/2022	16:41
	IC 200-186003/5	200-53415-005	11/21/2022	17:34
	IC 200-186003/6	200-53415-006	11/21/2022	18:27
	IC 200-186003/7	200-53415-007	11/21/2022	19:20
	ICIS 200-186003/8	200-53415-008	11/21/2022	20:12
	IC 200-186003/9	200-53415-009	11/21/2022	21:05
	IC 200-186003/12	200-53415-012	11/21/2022	23:44
	IC 200-186003/13	200-53415-013	11/22/2022	0:38
	ICV 200-186003/17	200-53415-017	11/22/2022	4:11

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
SDG No.: _____
Lab File ID: 200-53537-001.D BFB Injection Date: 12/05/2022
Instrument ID: CHG.i BFB Injection Time: 06:35
Analysis Batch No.: 186329

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	15.7
75	30.0 - 66.0% of mass 95	44.0
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.6 (0.6) 1
174	50.0 - 120.0% of mass 95	106.2
175	4.0 - 9.0 % of mass 174	7.8 (7.4) 1
176	93.0 - 101.0% of mass 174	103.8 (97.7) 1
177	5.0 - 9.0% of mass 176	6.9 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-186329/4	200-53537-004	12/05/2022	9:06
	MB 200-186329/5	200-53537-005	12/05/2022	9:58
	LCS 200-186329/6	200-53537-006	12/05/2022	10:52
SV-1	200-65967-1	200-53537-021	12/06/2022	0:01
SV-1 DL	200-65967-1 DL	200-53537-022	12/06/2022	0:54
SV-2	200-65967-2	200-53537-023	12/06/2022	1:46
SV-2 DL	200-65967-2 DL	200-53537-024	12/06/2022	2:39

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
SDG No.: _____
Lab File ID: 53510-001.d BFB Injection Date: 12/01/2022
Instrument ID: CHW.i BFB Injection Time: 13:02
Analysis Batch No.: 186261

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	12.1
75	30.0 - 66.0% of mass 95	39.9
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	0.9 (0.9) 1
174	50.0 - 120.0% of mass 95	103.8
175	4.0 - 9.0 % of mass 174	7.8 (7.5) 1
176	93.0 - 101.0% of mass 174	99.7 (96.0) 1
177	5.0 - 9.0% of mass 176	6.6 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-186261/4	53510-004.d	12/01/2022	15:47
	IC 200-186261/5	53510-005.d	12/01/2022	16:40
	IC 200-186261/6	53510-006.d	12/01/2022	17:32
	IC 200-186261/7	53510-007.d	12/01/2022	18:25
	ICIS 200-186261/8	53510-008.d	12/01/2022	19:17
	IC 200-186261/9	53510-009.d	12/01/2022	20:09
	IC 200-186261/12	53510-012.d	12/01/2022	22:47
	IC 200-186261/13	53510-013.d	12/01/2022	23:39
	ICV 200-186261/16	53510-016.d	12/02/2022	2:17

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
SDG No.: _____
Lab File ID: 53566-001.d BFB Injection Date: 12/06/2022
Instrument ID: CHW.i BFB Injection Time: 07:23
Analysis Batch No.: 186397

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	12.8
75	30.0 - 66.0% of mass 95	39.7
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	0.7 (0.8) 1
174	50.0 - 120.0% of mass 95	95.3
175	4.0 - 9.0 % of mass 174	7.0 (7.3) 1
176	93.0 - 101.0% of mass 174	93.2 (97.8) 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 200-186397/3	53566-003.d	12/06/2022	9:07
	LCS 200-186397/4	53566-004.d	12/06/2022	9:58
	MB 200-186397/5	53566-005.d	12/06/2022	10:50
SV-3	200-65967-3	53566-018.d	12/06/2022	22:30
SV-3 DL	200-65967-3 DL	53566-019.d	12/06/2022	23:22

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Sample No.: ICIS 200-186003/8 Date Analyzed: 11/21/2022 20:12
 Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 200-53415-008.D Heated Purge: (Y/N) N
 Calibration ID: 49464

	BCM		DFBZ		CBNZd5		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	184151	9.32	859116	11.31	843374	17.28	
UPPER LIMIT	257811	9.65	1202762	11.64	1180724	17.61	
LOWER LIMIT	110491	8.99	515470	10.98	506024	16.95	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-186003/17		187111	9.32	808145	11.31	796609	17.28

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

Area Limit = 60%-140% of internal standard area
 RT Limit = $\pm$ 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Sample No.: CCVIS 200-186329/4 Date Analyzed: 12/05/2022 09:06
 Instrument ID: CHG.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 200-53537-004.D Heated Purge: (Y/N) N
 Calibration ID: 49464

		BCM		DFBZ		CBNZd5		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		231048	9.31	1113038	11.30	1034833	17.27	
UPPER LIMIT		323467	9.64	1558253	11.63	1448766	17.60	
LOWER LIMIT		138629	8.98	667823	10.97	620900	16.94	
LAB SAMPLE ID		CLIENT SAMPLE ID						
MB 200-186329/5		211292	9.31	1005492	11.31	897091	17.27	
LCS 200-186329/6		226036	9.31	1087003	11.30	1004844	17.27	
200-65967-1		SV-1	231543	9.31	1145479	11.30	1047406	17.27
200-65967-1 DL		SV-1 DL	227713	9.31	1134271	11.30	1043742	17.27
200-65967-2		SV-2	221934	9.31	993530	11.30	980735	17.27
200-65967-2 DL		SV-2 DL	196246	9.31	1001595	11.30	879998	17.27

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

Area Limit = 60%-140% of internal standard area
 RT Limit = $\pm$ 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Sample No.: ICIS 200-186261/8 Date Analyzed: 12/01/2022 19:17
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 53510-008.d Heated Purge: (Y/N) N
 Calibration ID: 49486

	BCM		DFBZ		CBNZd5	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	70939	11.15	347794	13.00	310128	18.49
UPPER LIMIT	99315	11.48	486912	13.33	434179	18.82
LOWER LIMIT	42563	10.82	208676	12.67	186077	18.16
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-186261/16		77720	11.15	375554	13.00	333022 18.49

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

Area Limit = 60%-140% of internal standard area
 RT Limit = $\pm$ 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Sample No.: CCVIS 200-186397/3 Date Analyzed: 12/06/2022 09:07
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 53566-003.d Heated Purge: (Y/N) N
 Calibration ID: 49486

	BCM		DFBZ		CBNZd5	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	100011	11.20	491638	13.04	435350	18.50
UPPER LIMIT	140015	11.53	688293	13.37	609490	18.83
LOWER LIMIT	60007	10.87	294983	12.71	261210	18.17
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 200-186397/4		106401	11.20	520872	13.04	458478 18.51
MB 200-186397/5		99992	11.19	511300	13.04	429551 18.50
200-65967-3	SV-3	91404	11.20	452960	13.04	401832 18.51
200-65967-3 DL	SV-3 DL	100629	11.20	498593	13.04	389412 18.50

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

Area Limit = 60%-140% of internal standard area
 RT Limit = $\pm$ 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: SV-1 Lab Sample ID: 200-65967-1

Matrix: Air Lab File ID: 200-53537-021.D

Analysis Method: TO-15 Date Collected: 12/01/2022 13:50

Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 00:01

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.: 186329 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.36	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.20	J	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.15
106-97-8	n-Butane	58.12	0.82		0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.16	J	0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.057	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	9.8		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	5.0	U *+	5.0	1.6
75-15-0	Carbon disulfide	76.14	2.7		0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.30	J	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone	72.11	3.3		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.086	J	0.50	0.021
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.10
67-66-3	Chloroform	119.38	52	E	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.058	J	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.071	J	0.20	0.038

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: SV-1 Lab Sample ID: 200-65967-1

Matrix: Air Lab File ID: 200-53537-021.D

Analysis Method: TO-15 Date Collected: 12/01/2022 13:50

Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 00:01

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.: 186329 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	0.19	J	0.20	0.044
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
79-01-6	Trichloroethene	131.39	7.8		0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.28		0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	methyl isobutyl ketone	100.16	1.7		0.50	0.13
108-88-3	Toluene	92.14	0.64		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	4.1		0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.18	J	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.11	J	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.11	J	0.50	0.095
95-47-6	Xylene, o-	106.17	0.067	J	0.20	0.052
1330-20-7	Xylene (total)	106.17	0.18	J	0.70	0.11
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: SV-1 Lab Sample ID: 200-65967-1
 Matrix: Air Lab File ID: 200-53537-021.D
 Analysis Method: TO-15 Date Collected: 12/01/2022 13:50
 Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 00:01
 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.: 186329 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
SDG No.: _____
Client Sample ID: SV-1 Lab Sample ID: 200-65967-1
Matrix: Air Lab File ID: 200-53537-021.D
Analysis Method: TO-15 Date Collected: 12/01/2022 13:50
Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 00:01
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.: 186329 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	1.8	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	0.72	J	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.31
106-97-8	n-Butane	58.12	1.9		1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	0.92	J	1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.44	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	23		12	3.8
67-63-0	Isopropyl alcohol	60.10	12	U *+	12	3.9
75-15-0	Carbon disulfide	76.14	8.4		1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	1.1	J	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone	72.11	9.9		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	0.34	J	2.0	0.083
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.40
67-66-3	Chloroform	119.38	260	E	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.20	J	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.33	J	0.93	0.18

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: SV-1 Lab Sample ID: 200-65967-1

Matrix: Air Lab File ID: 200-53537-021.D

Analysis Method: TO-15 Date Collected: 12/01/2022 13:50

Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 00:01

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.: 186329 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	0.61	J	0.64	0.14
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
79-01-6	Trichloroethene	131.39	42		0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.9		1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	methyl isobutyl ketone	100.16	7.0		2.0	0.53
108-88-3	Toluene	92.14	2.4		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	28		1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.75	J	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.47	J	0.87	0.23
179601-23-1	m,p-Xylene	106.17	0.47	J	2.2	0.41
95-47-6	Xylene, o-	106.17	0.29	J	0.87	0.23
1330-20-7	Xylene (total)	106.17	0.77	J	3.0	0.48
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: SV-1 Lab Sample ID: 200-65967-1
 Matrix: Air Lab File ID: 200-53537-021.D
 Analysis Method: TO-15 Date Collected: 12/01/2022 13:50
 Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 00:01
 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.: 186329 Units: ug/m3

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

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

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-65967-1</u>
SDG No.: _____	
Client Sample ID: <u>SV-1</u>	Lab Sample ID: <u>200-65967-1</u>
Matrix: <u>Air</u>	Lab File ID: <u>200-53537-021.D</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>12/01/2022 13:50</u>
Sample wt/vol: <u>200 (mL)</u>	Date Analyzed: <u>12/06/2022 00:01</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>186329</u>	Units: <u>ppb v/v</u>
Number TICs Found: <u>0</u>	TIC Result Total: <u>0</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D
 Lims ID: 200-65967-A-1
 Client ID: SV-1
 Sample Type: Client
 Inject. Date: 06-Dec-2022 00:01:30 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053537-021
 Misc. Info.: 65967-1
 Operator ID: vtp Instrument ID: CHG.i
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 06-Dec-2022 14:22:50 Calib Date: 22-Nov-2022 00:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1686

First Level Reviewer: puangmaleek

Date: 06-Dec-2022 14:22:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.169	3.171	0.000	99	27472	0.3650	
3 Chlorodifluoromethane	51	3.196	3.197	0.000	96	6443	0.2045	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393				ND	MU
5 Chloromethane	50		3.474				ND	MU
6 Vinyl chloride	62		3.682				ND	
7 Butane	43	3.682	3.684	0.000	89	16312	0.8165	
8 Butadiene	54		3.757				ND	MU
9 Bromomethane	94		4.260				ND	
10 Chloroethane	64		4.453				ND	
12 Vinyl bromide	106		4.779				ND	
13 Trichlorofluoromethane	101	4.902	4.910	-0.005	95	11567	0.1635	
18 1,1-Dichloroethene	96		5.806				ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoro	101	5.854	5.842	0.016	1	2630	0.0570	
19 Acetone	43	5.919	5.884	0.038	99	171252	9.79	
22 Isopropyl alcohol	45	6.250	6.141	0.112	99	11255	0.5390	
23 Carbon disulfide	76	6.191	6.195	0.000	99	138920	2.68	
25 3-Chloro-1-propene	41		6.448				ND	7
26 Methylene Chloride	49	6.673	6.666	0.011	78	2424	0.1398	
27 2-Methyl-2-propanol	59	7.015	6.885	0.133	94	18416	0.6350	
29 trans-1,2-Dichloroethene	61		7.149				ND	7
30 Methyl tert-butyl ether	73		7.165				ND	
31 Hexane	57	7.657	7.656	0.005	89	5566	0.3029	
32 1,1-Dichloroethane	63		7.898				ND	MU
34 2-Butanone (MEK)	72	8.920	8.882	0.048	99	20479	3.35	
35 cis-1,2-Dichloroethene	96	8.898	8.898	0.010	1	1645	0.0855	M
* 37 Chlorobromomethane	128	9.310	9.305	0.005	74	231543	10.0	
38 Tetrahydrofuran	42		9.374				ND	7
39 Chloroform	83	9.492	9.498	0.000	97	2564103	52.5	E
S 43 1,2-Dichloroethene, Total	61				0		0.0855	
40 1,1,1-Trichloroethane	97	9.829	9.829	0.016	1	1287	0.0210	M
41 Cyclohexane	84	9.958	9.958	-0.005	13	1478	0.0580	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
42 Carbon tetrachloride	117	10.107	10.107	0.000	1	1011	0.0156	
44 Benzene	78	10.493	10.487	0.011	94	11878	0.1905	
45 1,2-Dichloroethane	62		10.562				ND	
46 Isooctane	57	10.723	10.733	-0.010	88	6042	0.0710	
47 n-Heptane	43		11.076				ND	MU
* 48 1,4-Difluorobenzene	114	11.300	11.300	0.000	93	1145479	10.0	
50 Trichloroethene	95	11.782	11.793	-0.005	97	353127	7.82	
51 1,2-Dichloropropane	63		12.290				ND	
54 Methyl methacrylate	69		12.418				ND	
55 1,4-Dioxane	88		12.461				ND	7
56 Dichlorobromomethane	83	12.814	12.814	0.000	98	17986	0.2807	
58 cis-1,3-Dichloropropene	75		13.702				ND	
59 4-Methyl-2-pentanone (MIBK)	43	14.077	14.023	0.054	96	65525	1.70	
60 Toluene	92	14.398	14.403	-0.005	94	30575	0.6435	
65 trans-1,3-Dichloropropene	75		14.858				ND	
66 1,1,2-Trichloroethane	83		15.254				ND	MU
67 Tetrachloroethene	166	15.462	15.468	-0.006	97	284097	4.09	
68 2-Hexanone	43	15.778	15.778	0.043	95	6354	0.1829	M
69 Chlorodibromomethane	129		16.040				ND	
70 Ethylene Dibromide	107		16.292				ND	
* 71 Chlorobenzene-d5	117	17.265	17.265	0.000	83	1047406	10.0	
72 Chlorobenzene	112		17.329				ND	7
73 Ethylbenzene	91	17.538	17.538	-0.005	96	11173	0.1073	
74 m-Xylene & p-Xylene	106	17.811	17.811	-0.011	0	4509	0.1093	M
76 o-Xylene	106	18.635	18.635	0.006	97	2872	0.0669	M
77 Styrene	104		18.667				ND	
78 Bromoform	173		19.036				ND	
79 Isopropylbenzene	105		19.389				ND	7
S 82 Xylenes, Total	106				0		0.1763	
80 1,1,2,2-Tetrachloroethane	83		19.940				ND	7
83 N-Propylbenzene	91		20.154				ND	7
84 2-Chlorotoluene	91		20.299				ND	7
85 4-Ethyltoluene	105		20.363				ND	7
86 1,3,5-Trimethylbenzene	105		20.464				ND	7
89 tert-Butylbenzene	119		20.962				ND	7
90 1,2,4-Trimethylbenzene	105	21.053	21.053	0.000	80	2571	0.0269	
91 sec-Butylbenzene	105		21.304				ND	7
92 1,3-Dichlorobenzene	146		21.475				ND	MU
93 4-Isopropyltoluene	119		21.524				ND	MU
94 1,4-Dichlorobenzene	146		21.620				ND	7
95 Benzyl chloride	91		21.775				ND	7
97 n-Butylbenzene	91		22.091				ND	7
96 1,2-Dichlorobenzene	146		22.117				ND	MU
100 1,2,4-Trichlorobenzene	180		24.578				ND	MU
101 Hexachlorobutadiene	225	24.830	24.830	0.000	73	2114	0.0262	
102 Naphthalene	128	25.065	25.059	0.005	98	7396	0.0495	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15GIS_00019

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Operator ID: vtp

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Worklist Smp#: 21

Client ID: SV-1

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

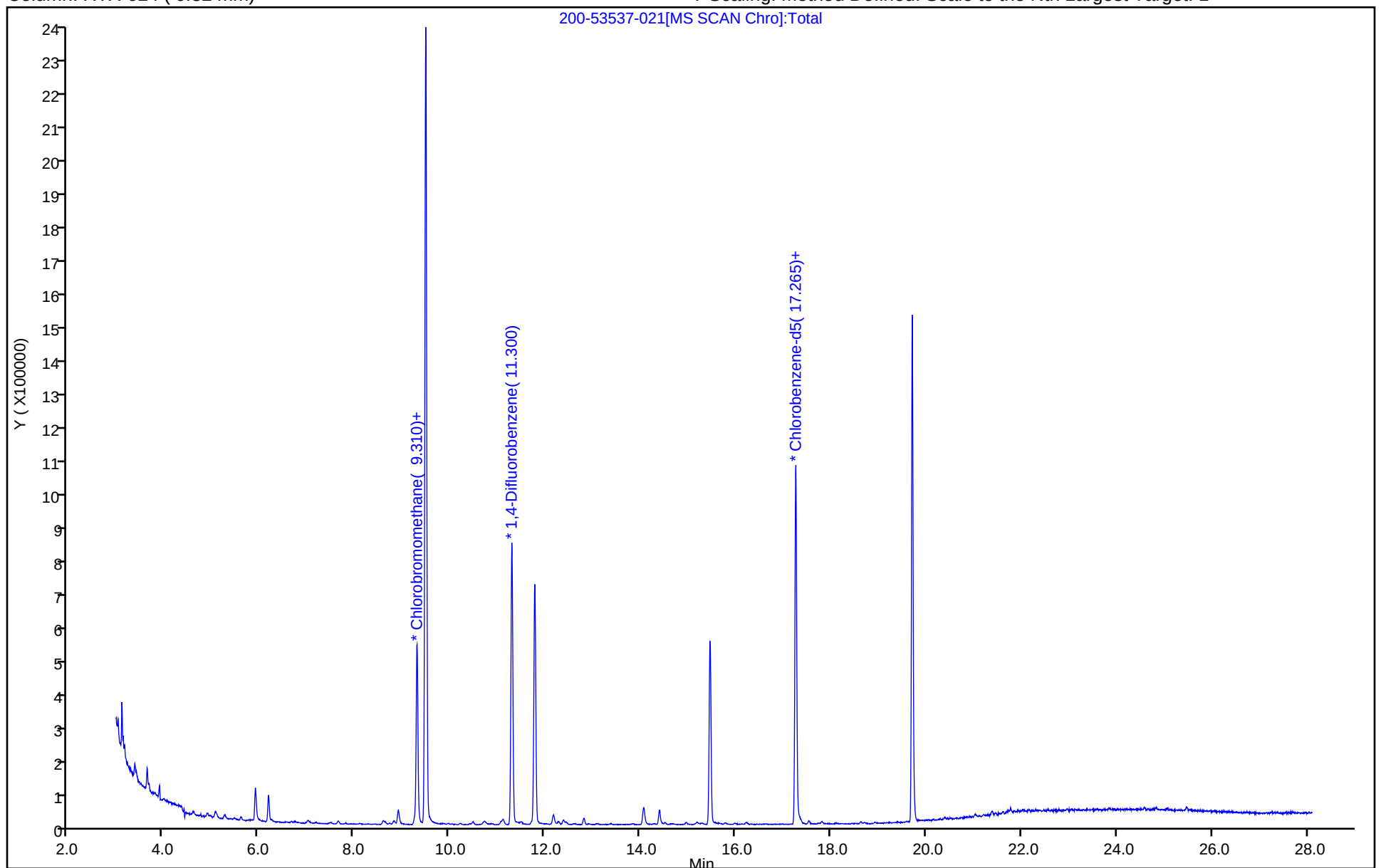
ALS Bottle#: 20

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

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



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

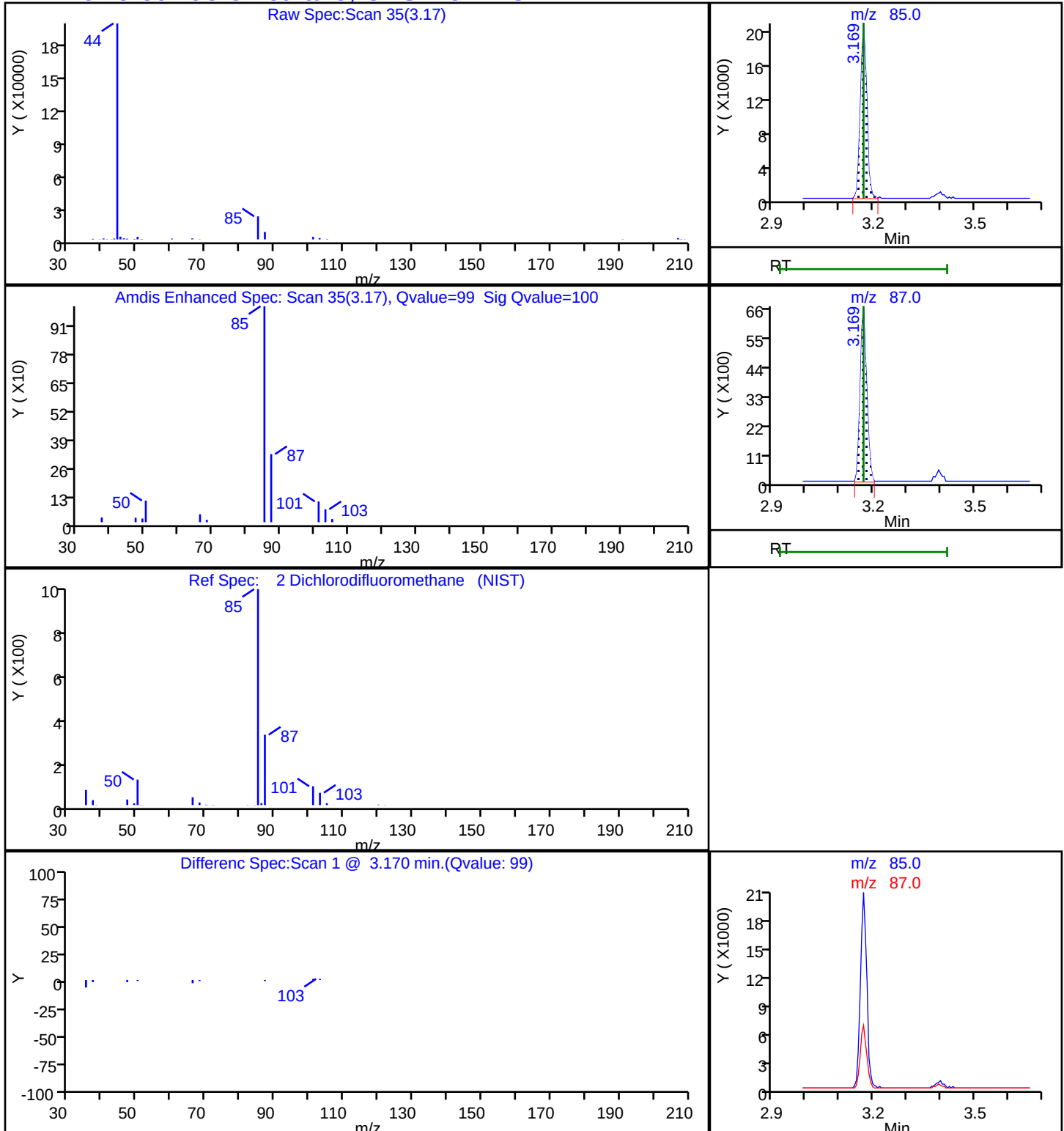
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

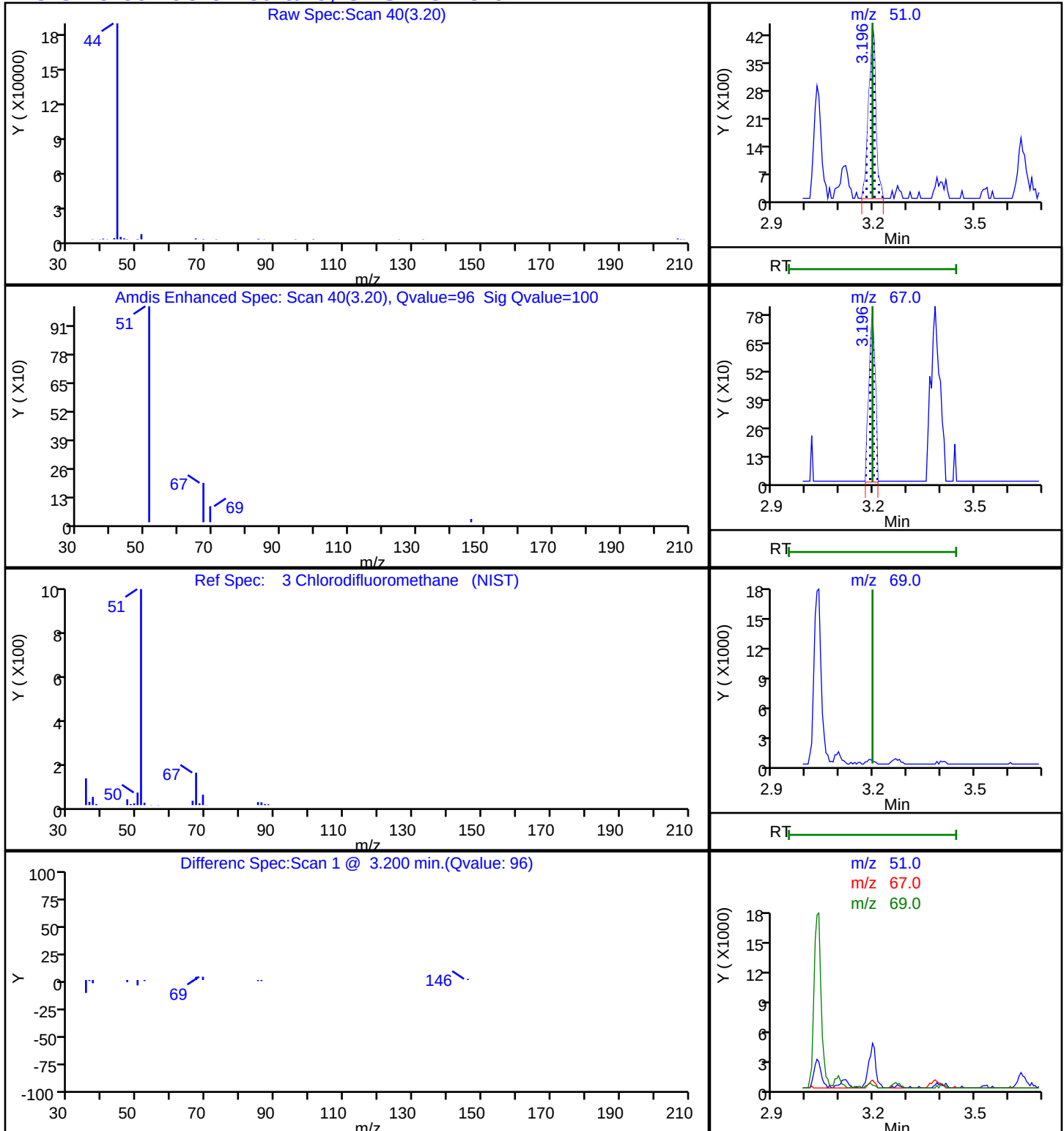
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

3 Chlorodifluoromethane, CAS: 75-45-6

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

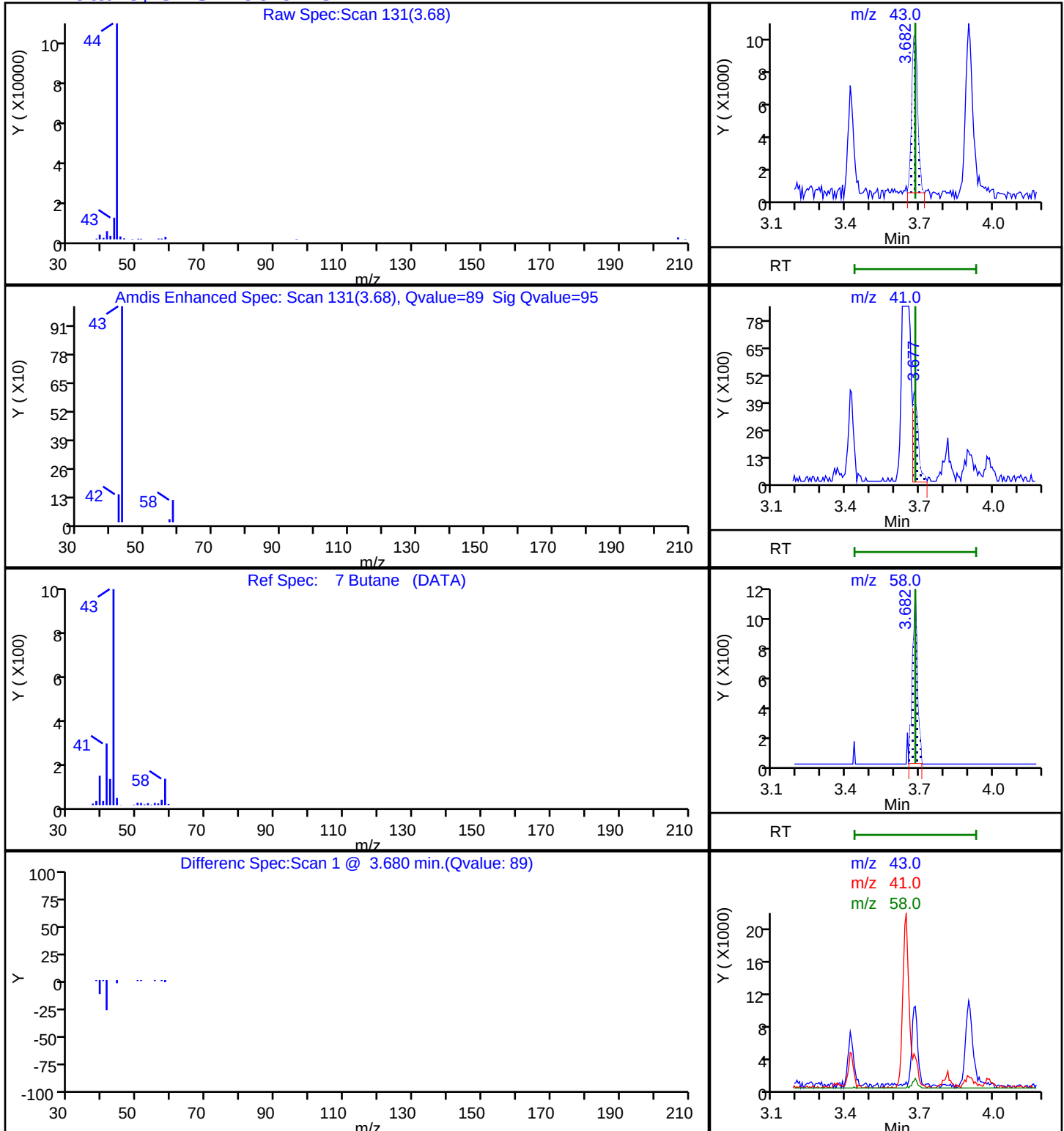
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

7 Butane, CAS: 106-97-8

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

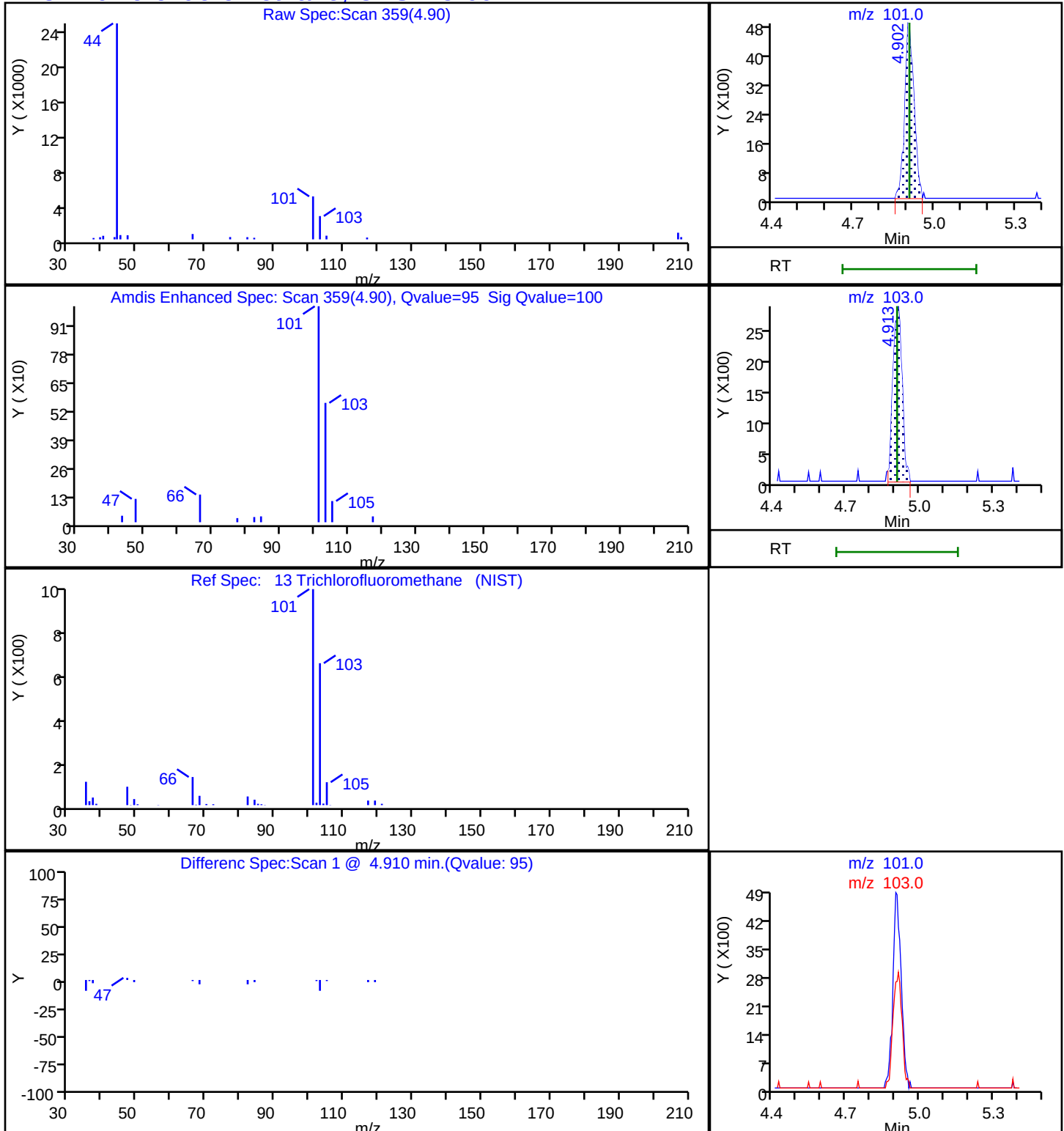
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

13 Trichlorofluoromethane, CAS: 75-69-4

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

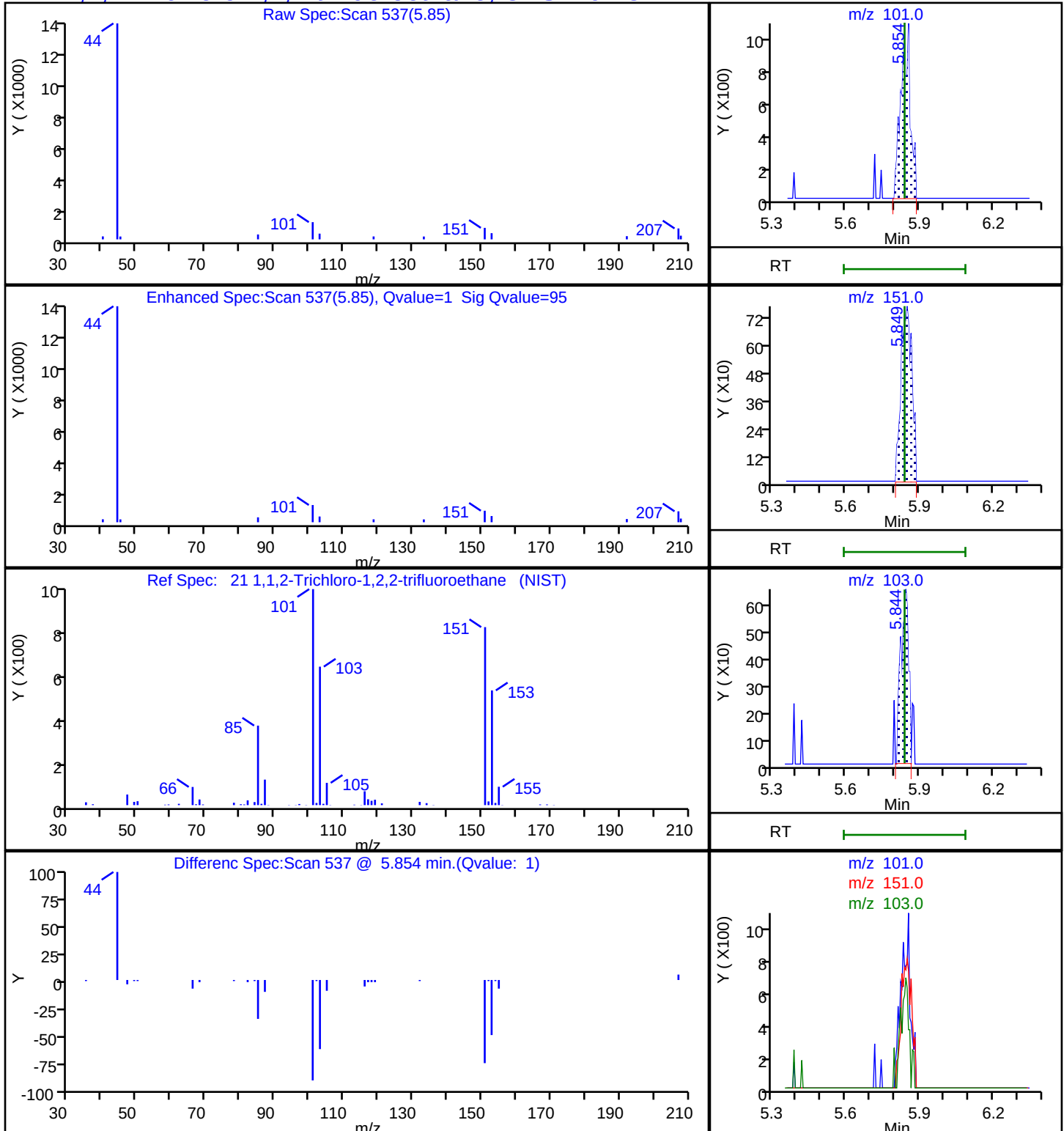
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

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

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

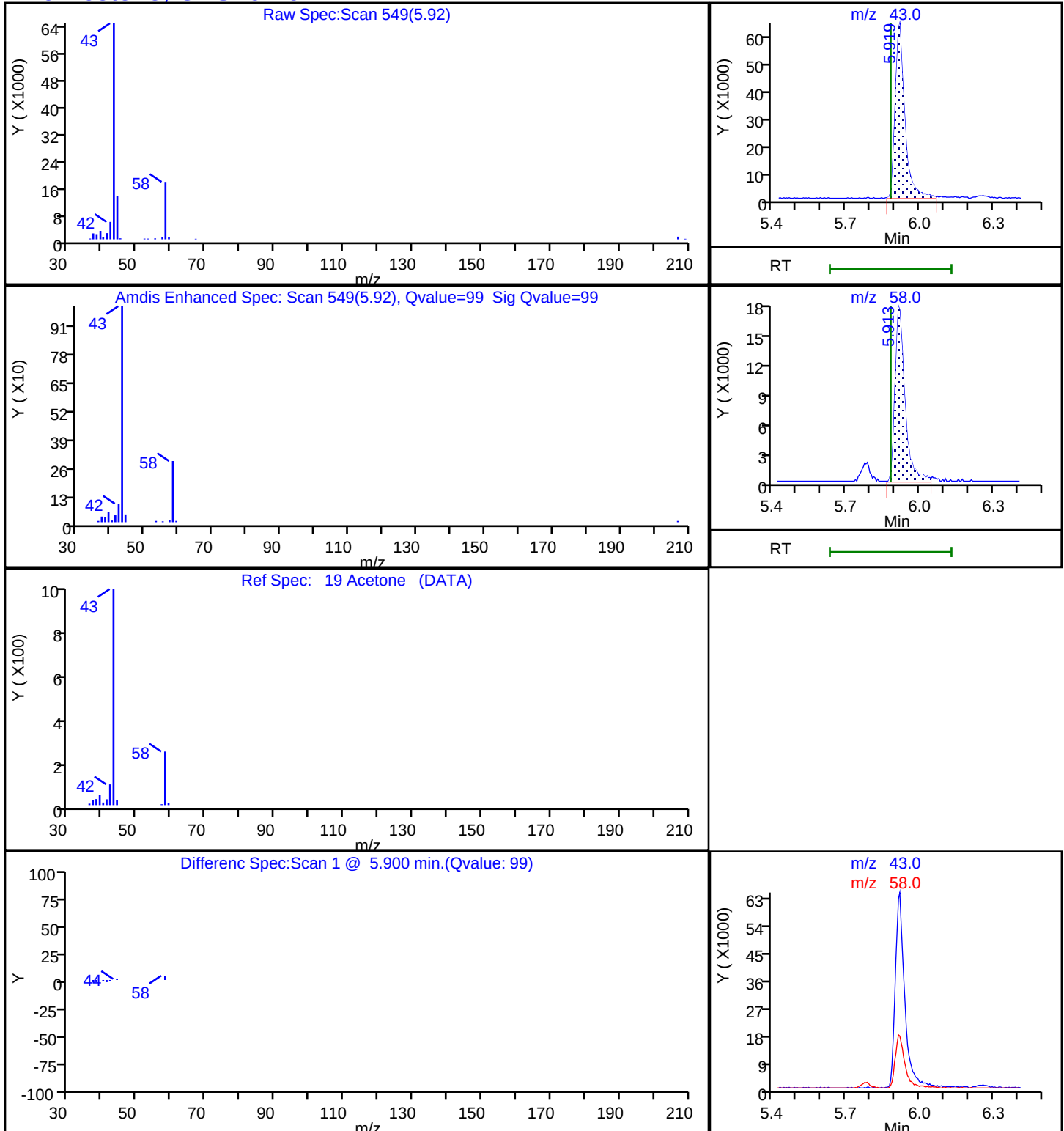
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 200.000 mL

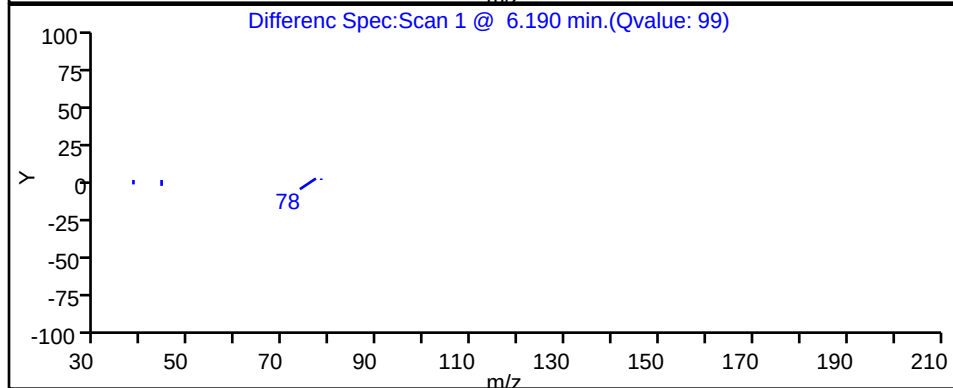
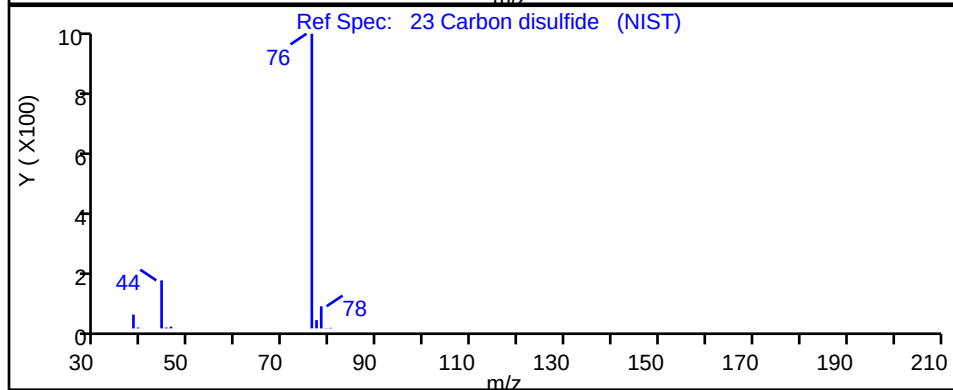
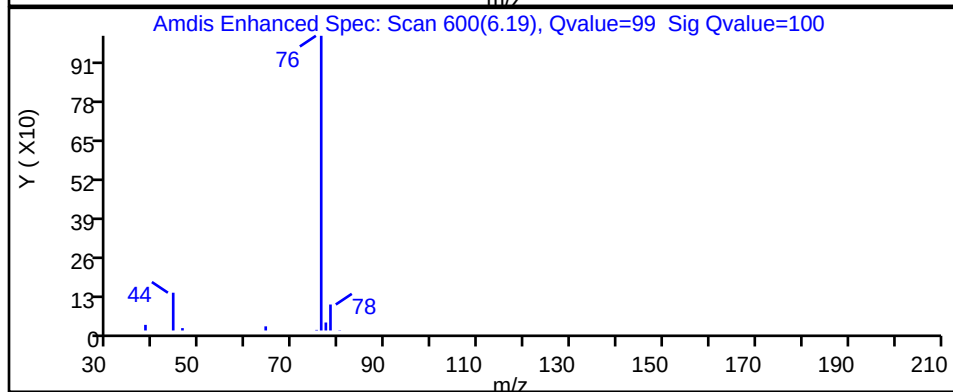
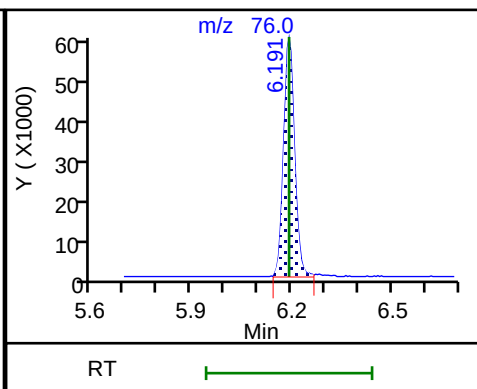
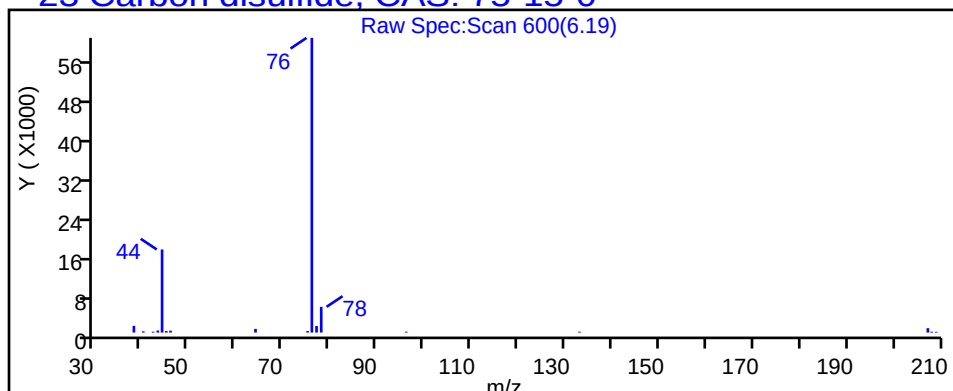
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 Carbon disulfide, CAS: 75-15-0

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

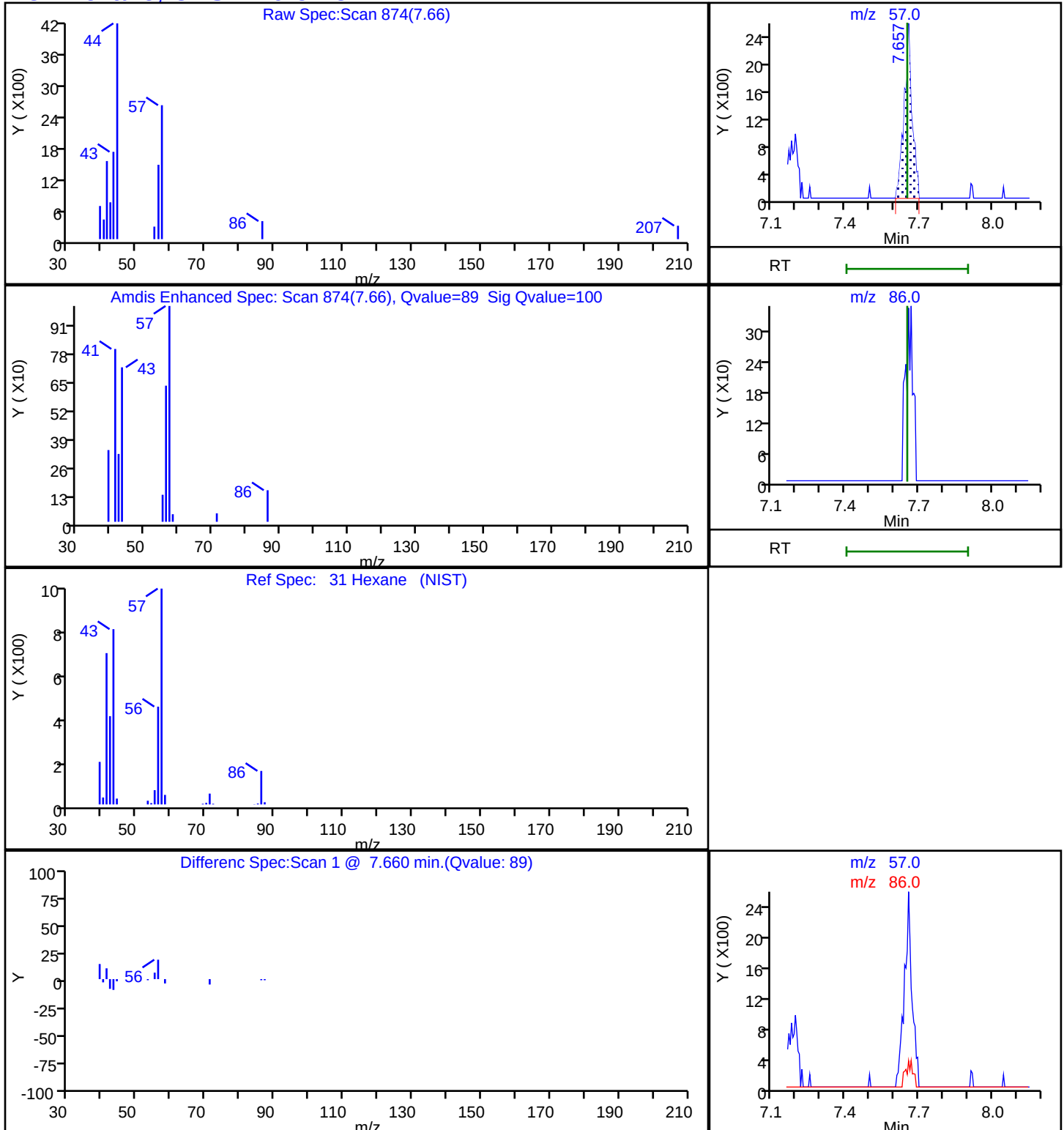
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Hexane, CAS: 110-54-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

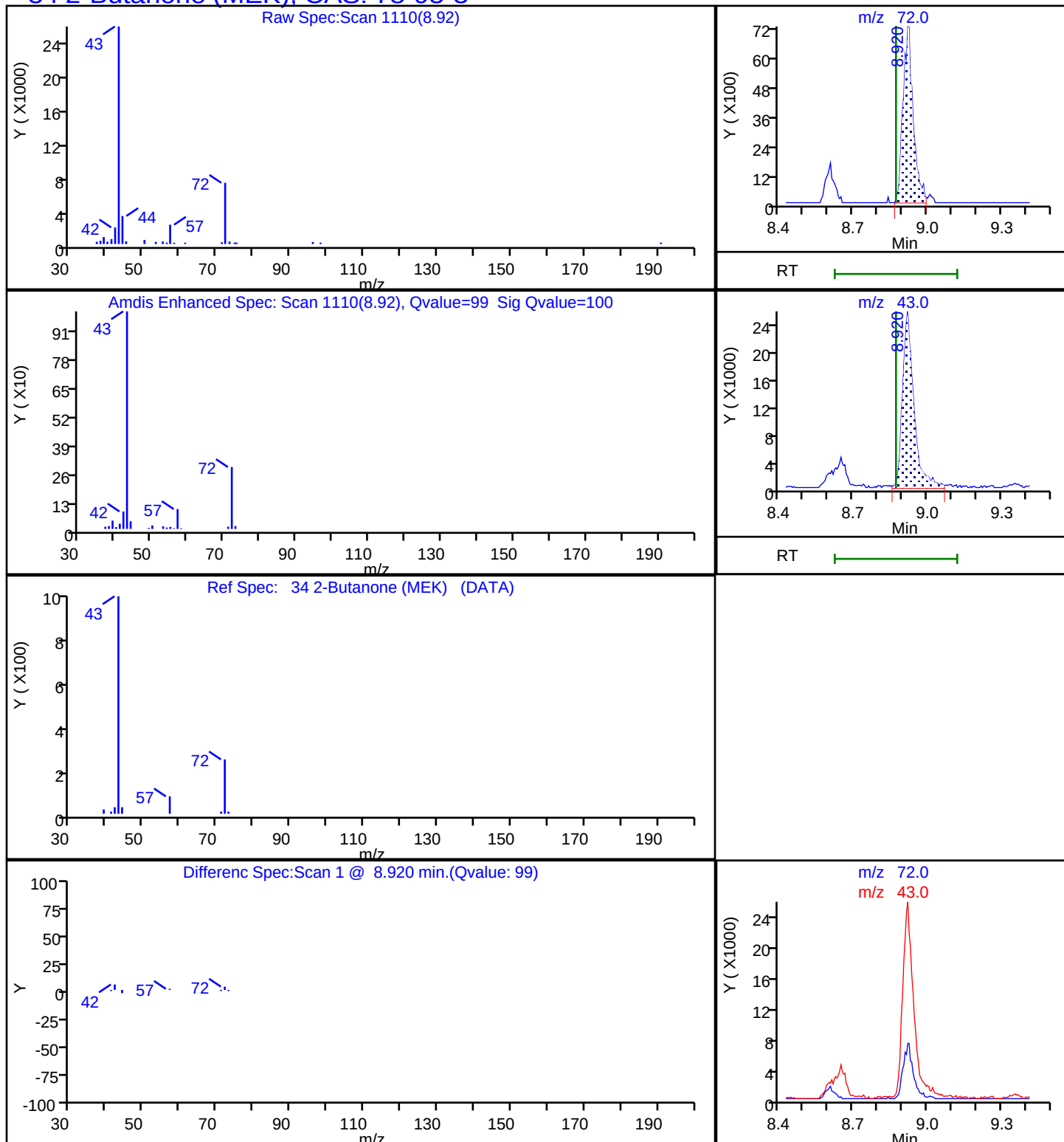
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

34 2-Butanone (MEK), CAS: 78-93-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

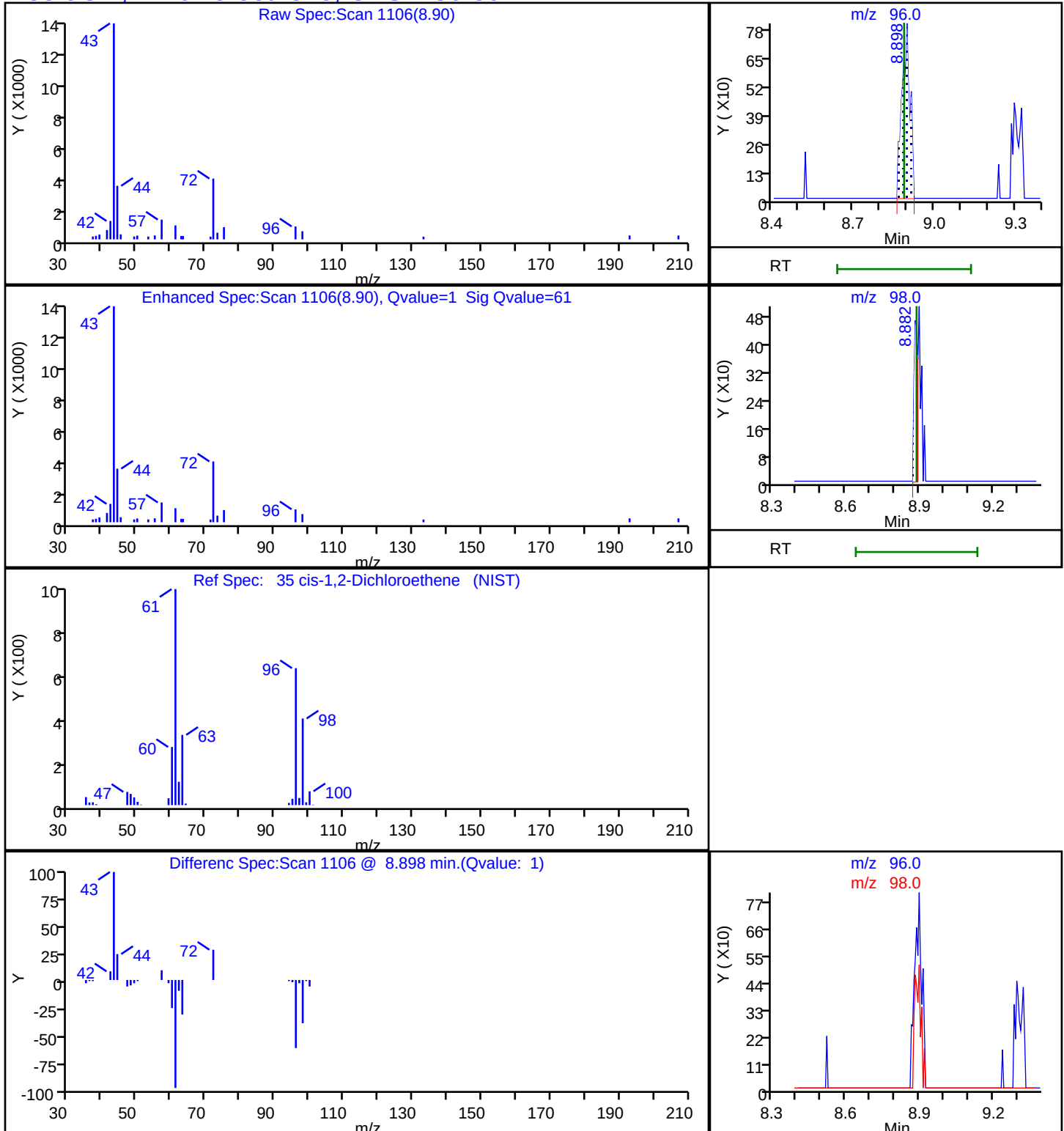
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

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

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

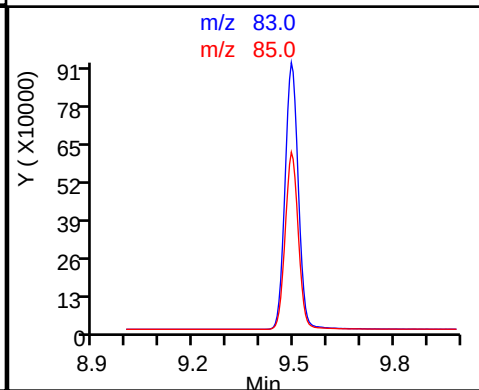
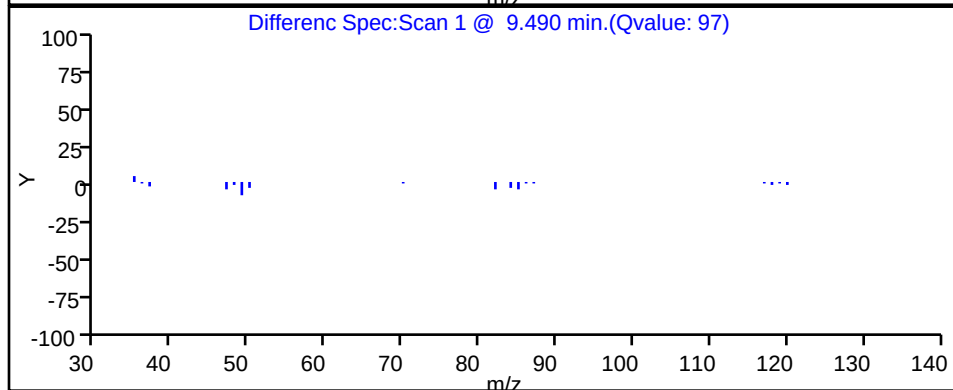
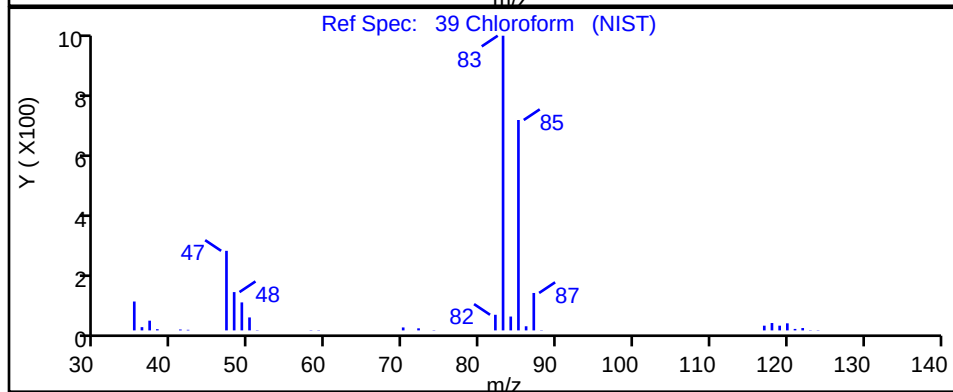
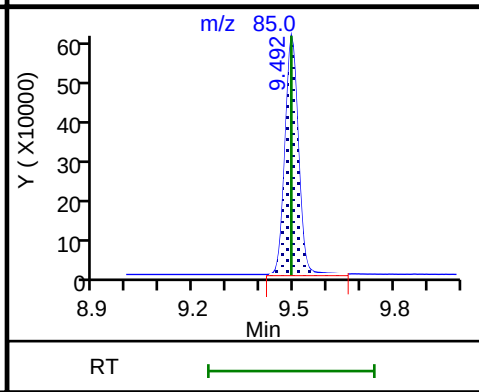
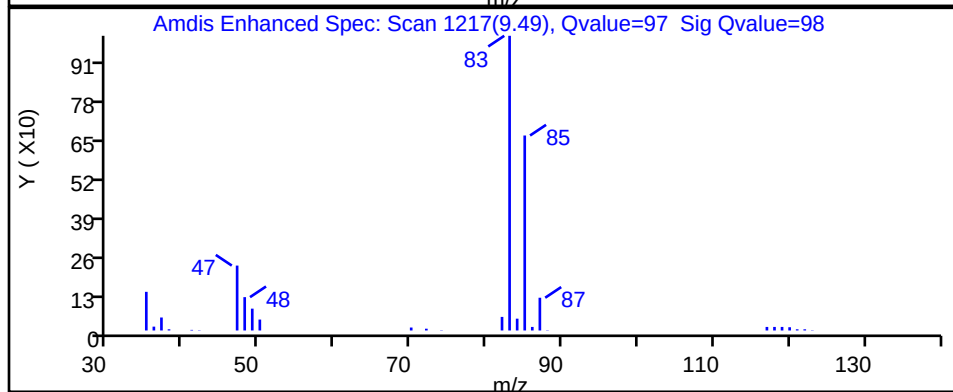
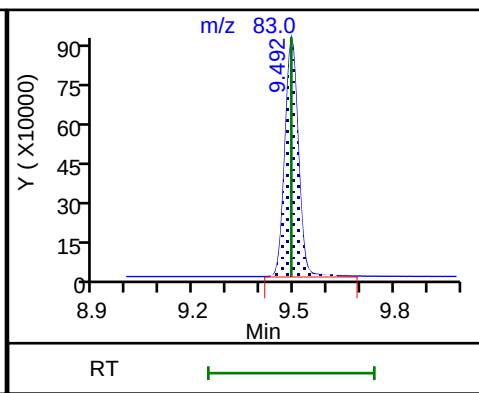
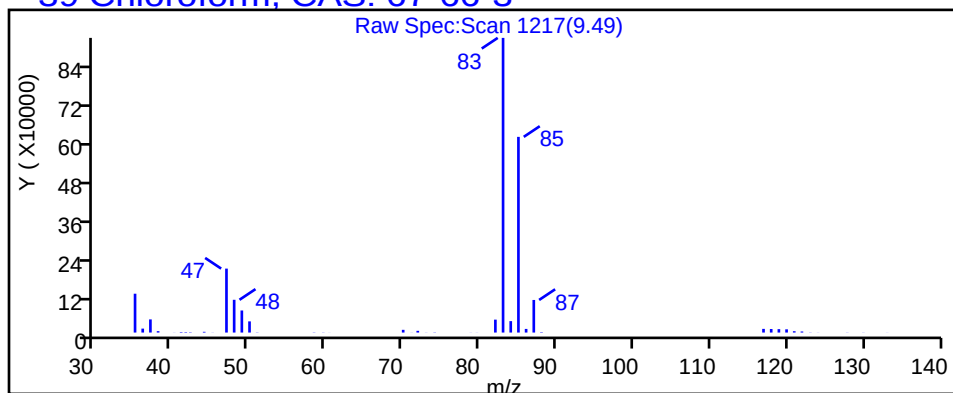
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

39 Chloroform, CAS: 67-66-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

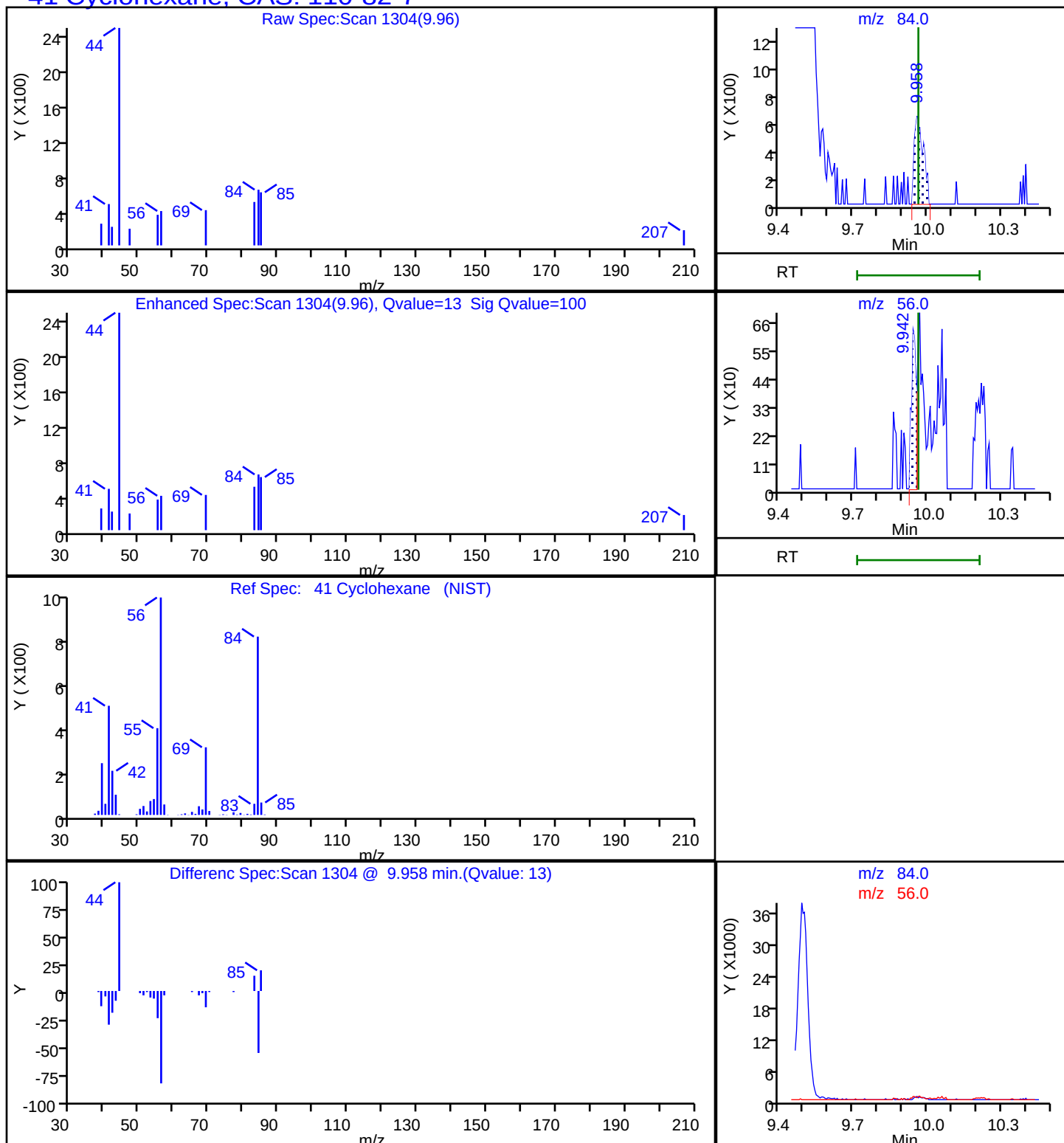
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

41 Cyclohexane, CAS: 110-82-7

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

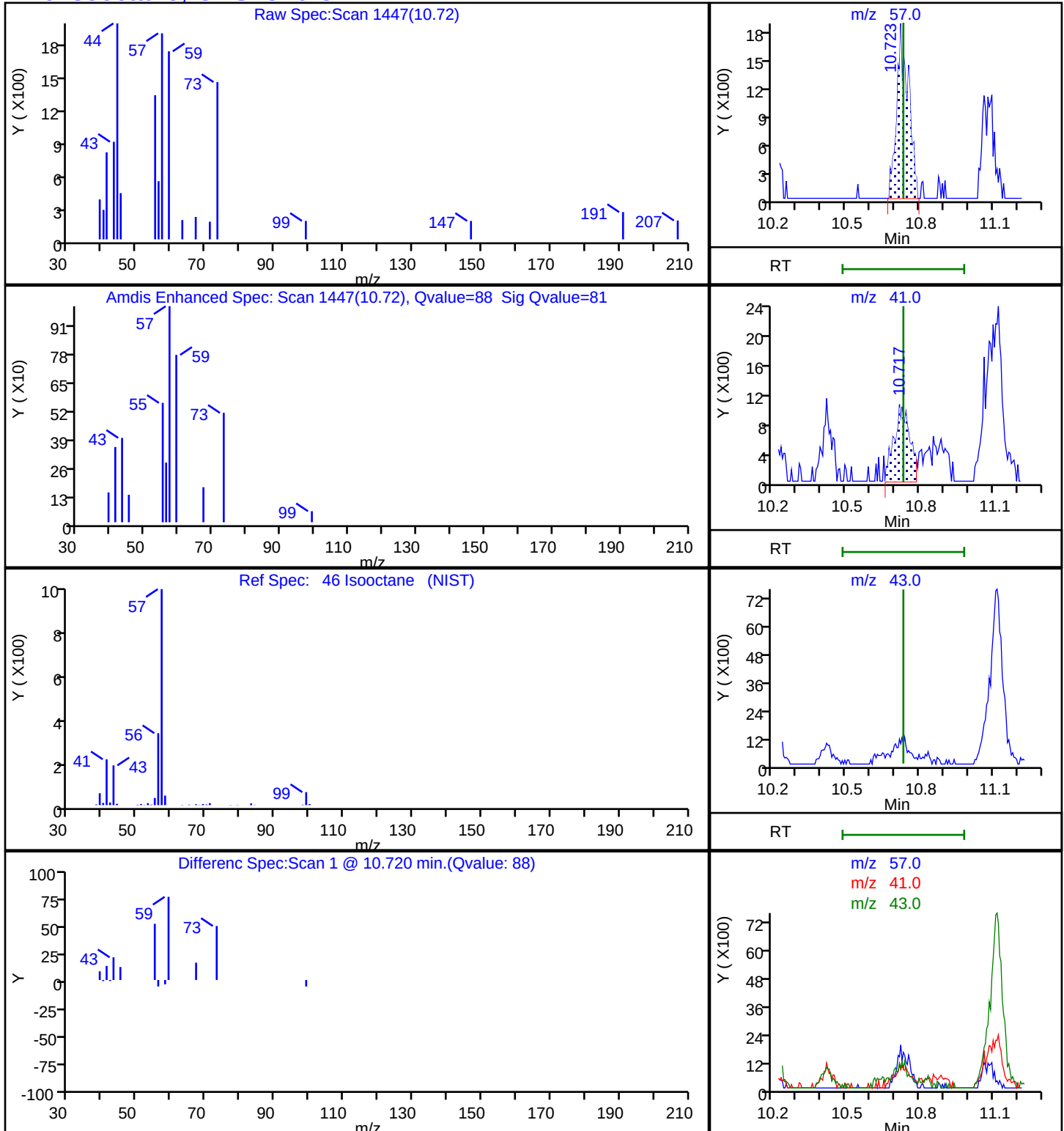
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Isooctane, CAS: 540-84-1

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

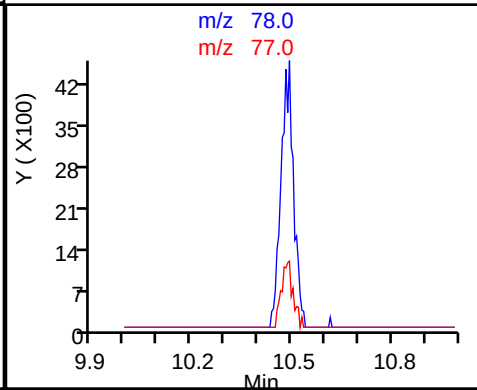
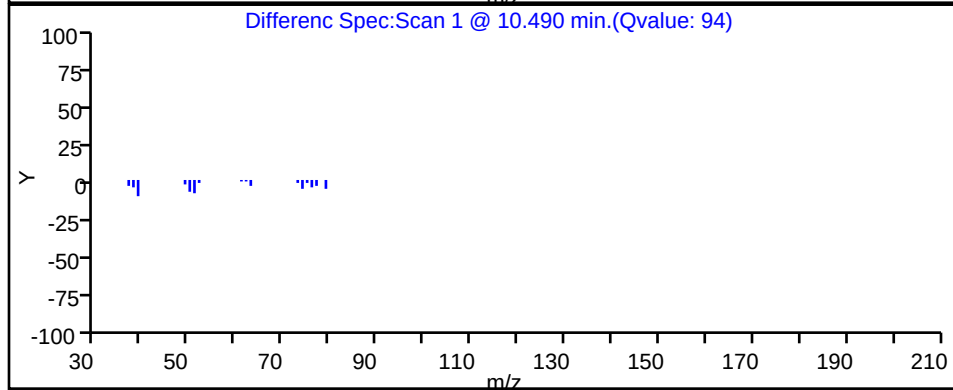
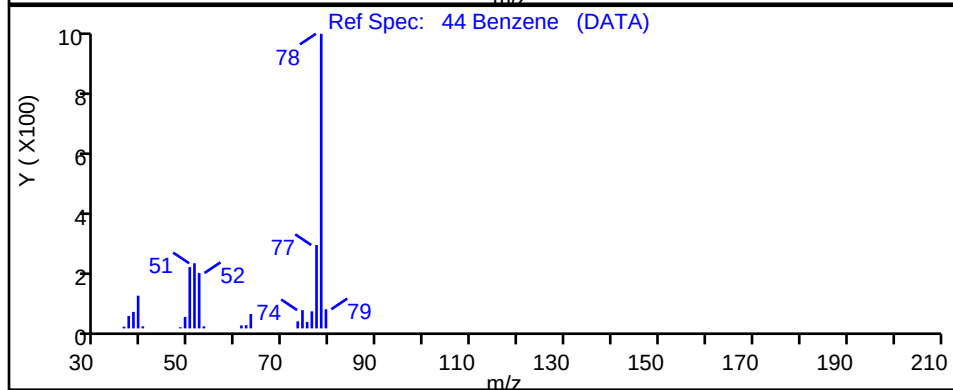
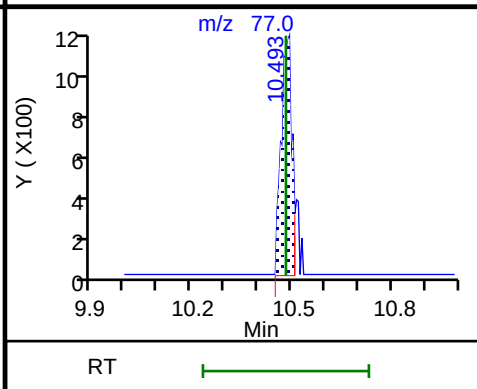
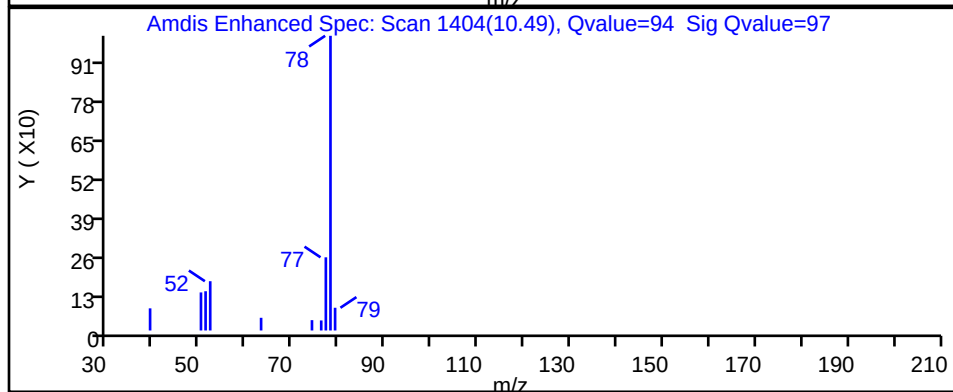
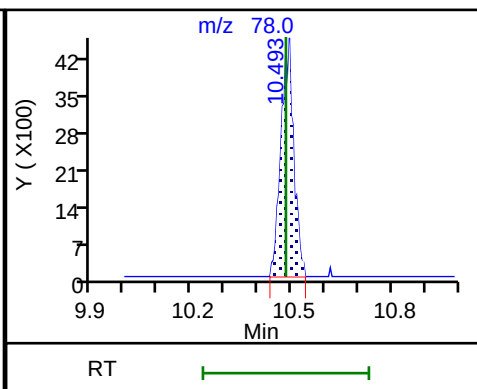
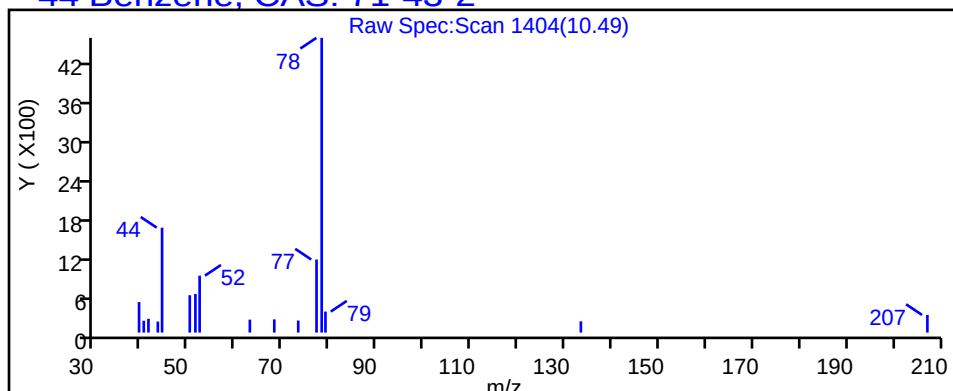
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Benzene, CAS: 71-43-2



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

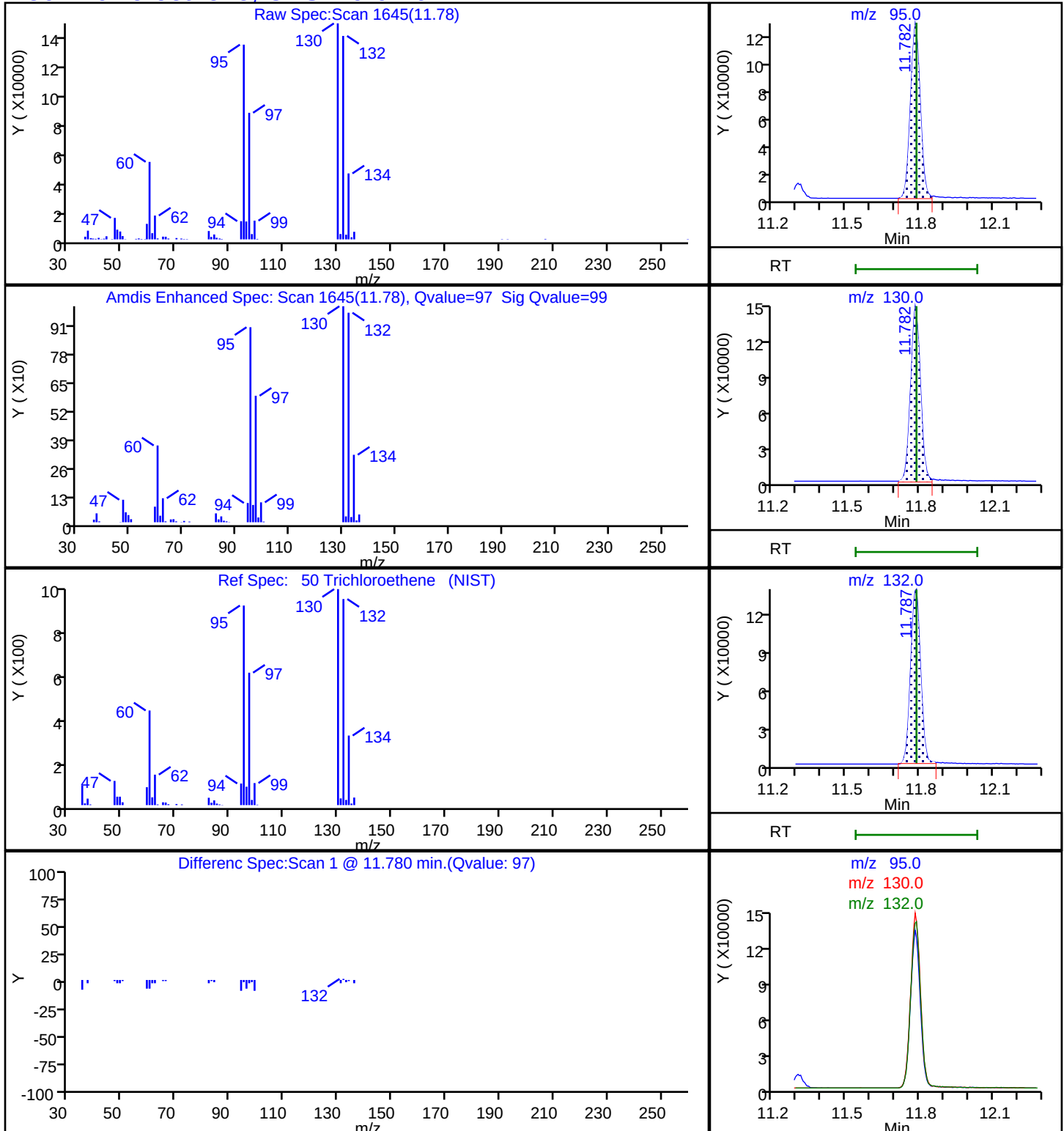
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Trichloroethene, CAS: 79-01-6



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

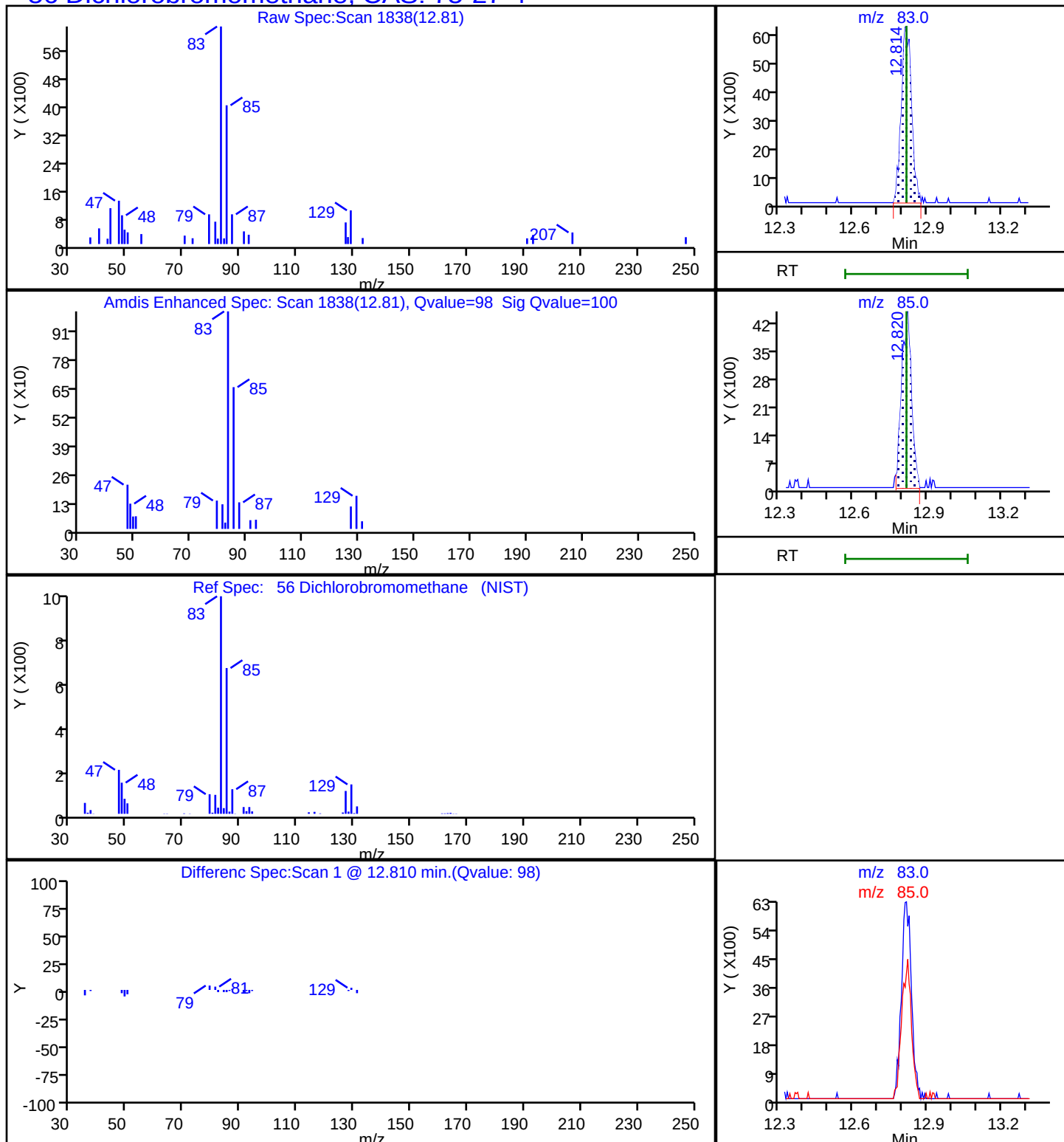
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

56 Dichlorobromomethane, CAS: 75-27-4

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

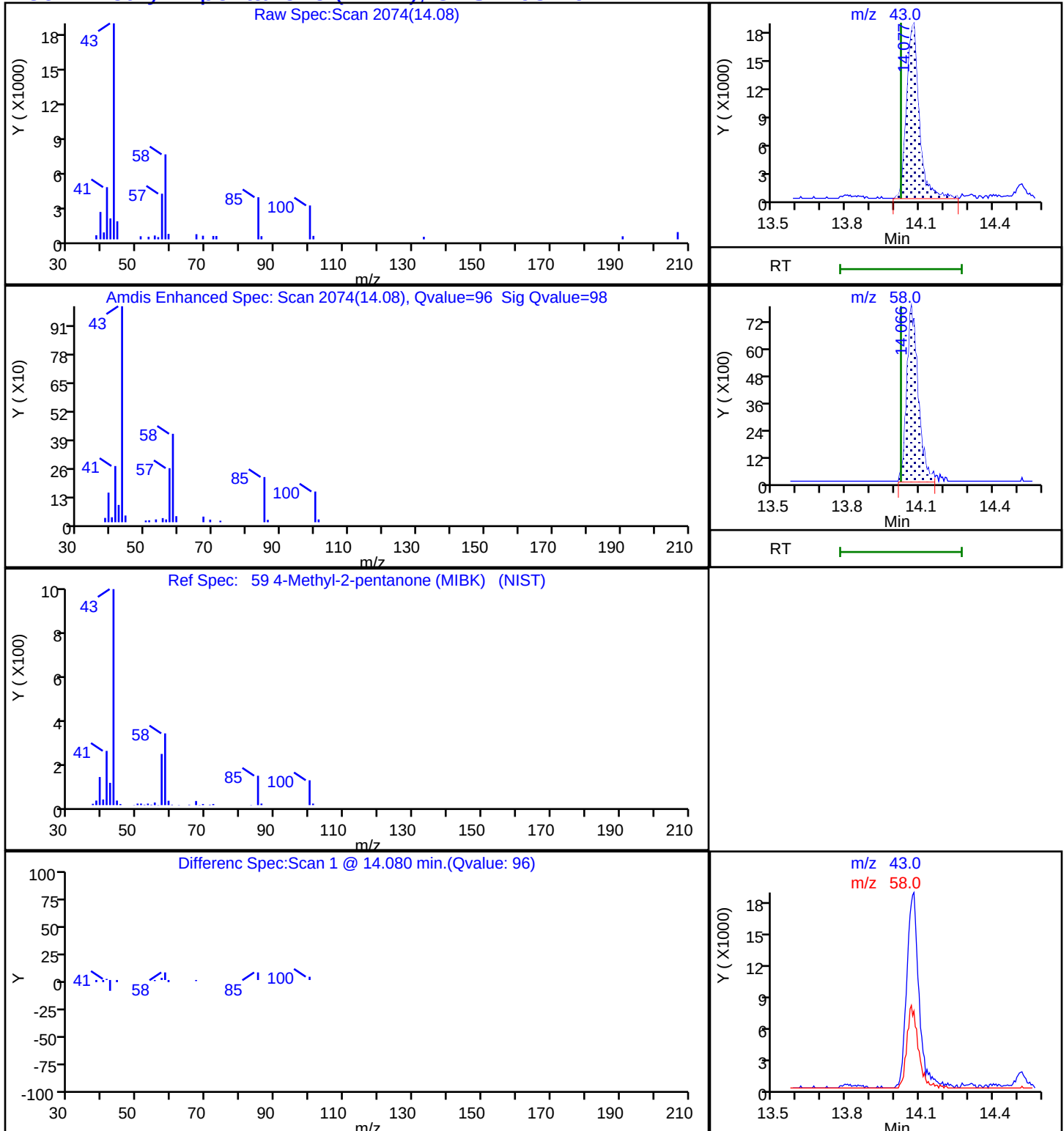
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

59 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

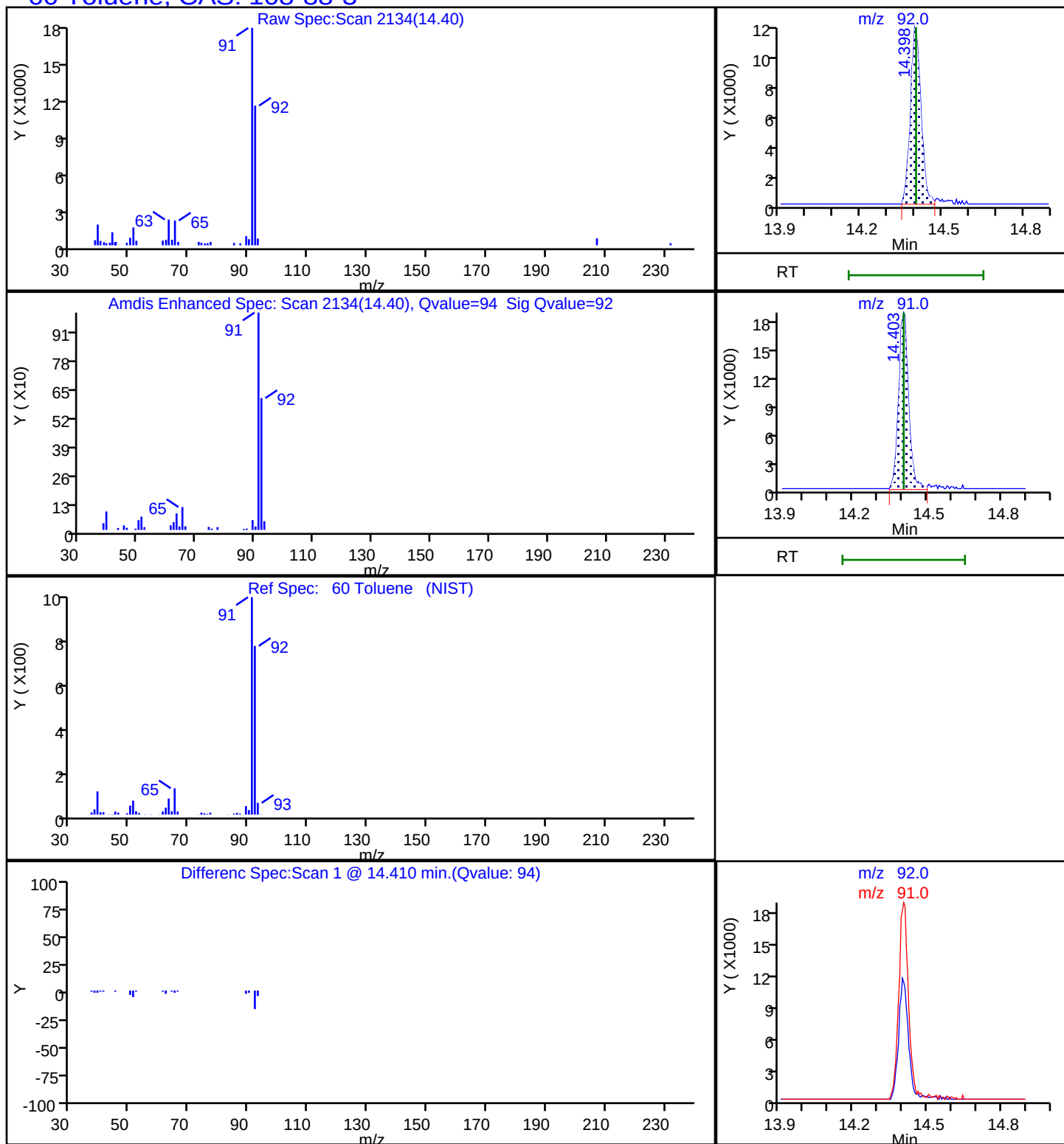
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

60 Toluene, CAS: 108-88-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

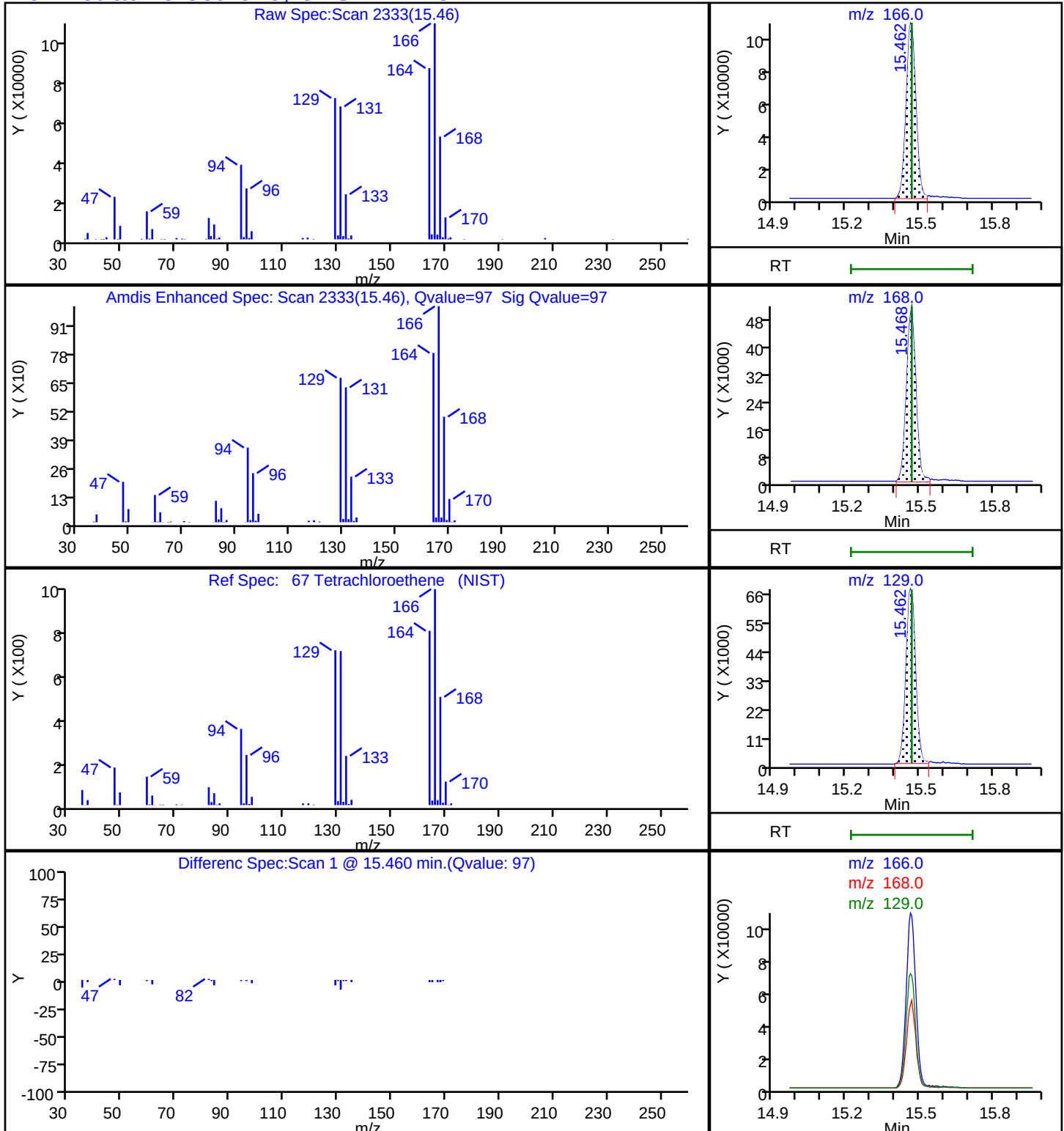
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

67 Tetrachloroethene, CAS: 127-18-4

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

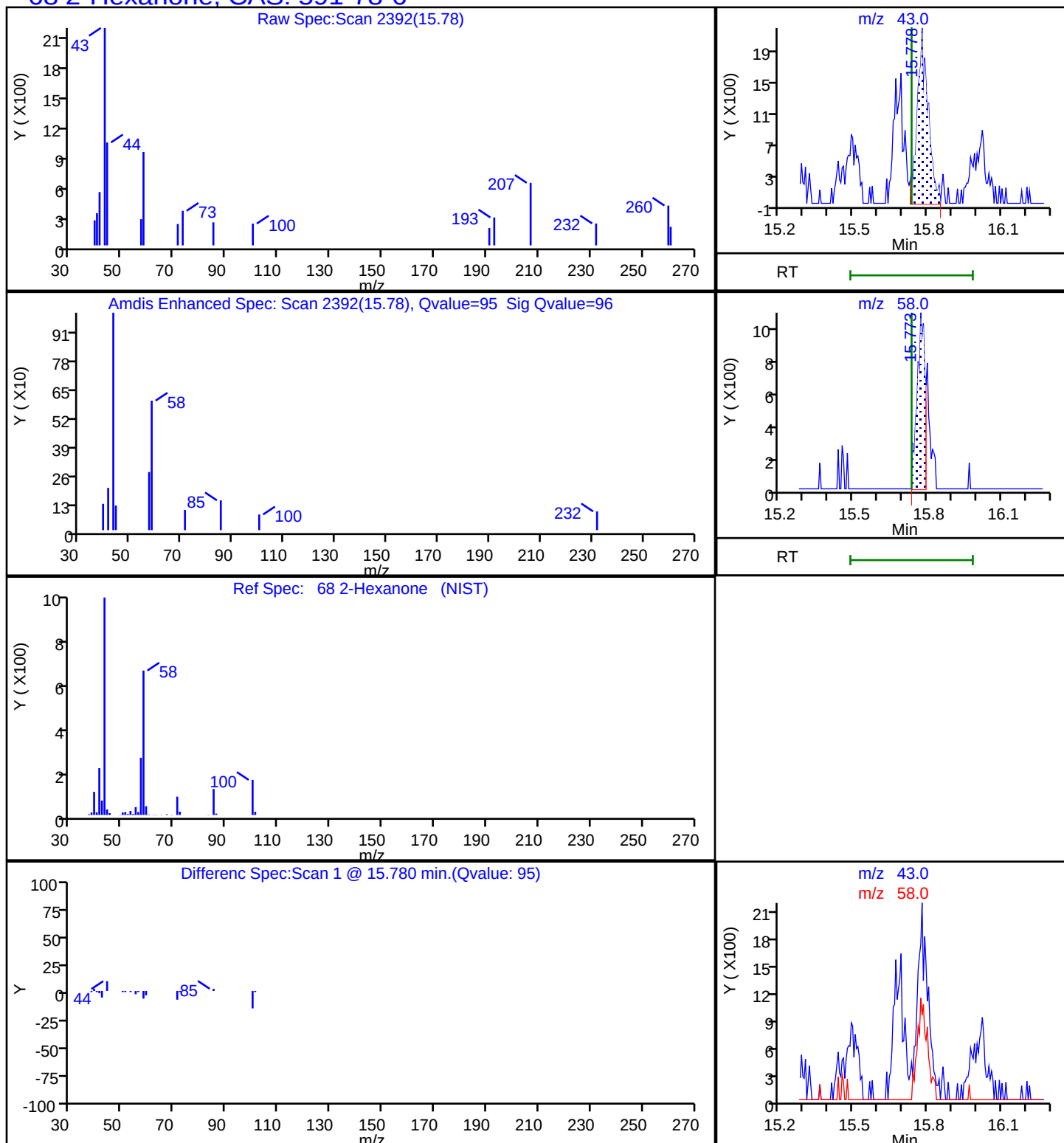
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

68 2-Hexanone, CAS: 591-78-6



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

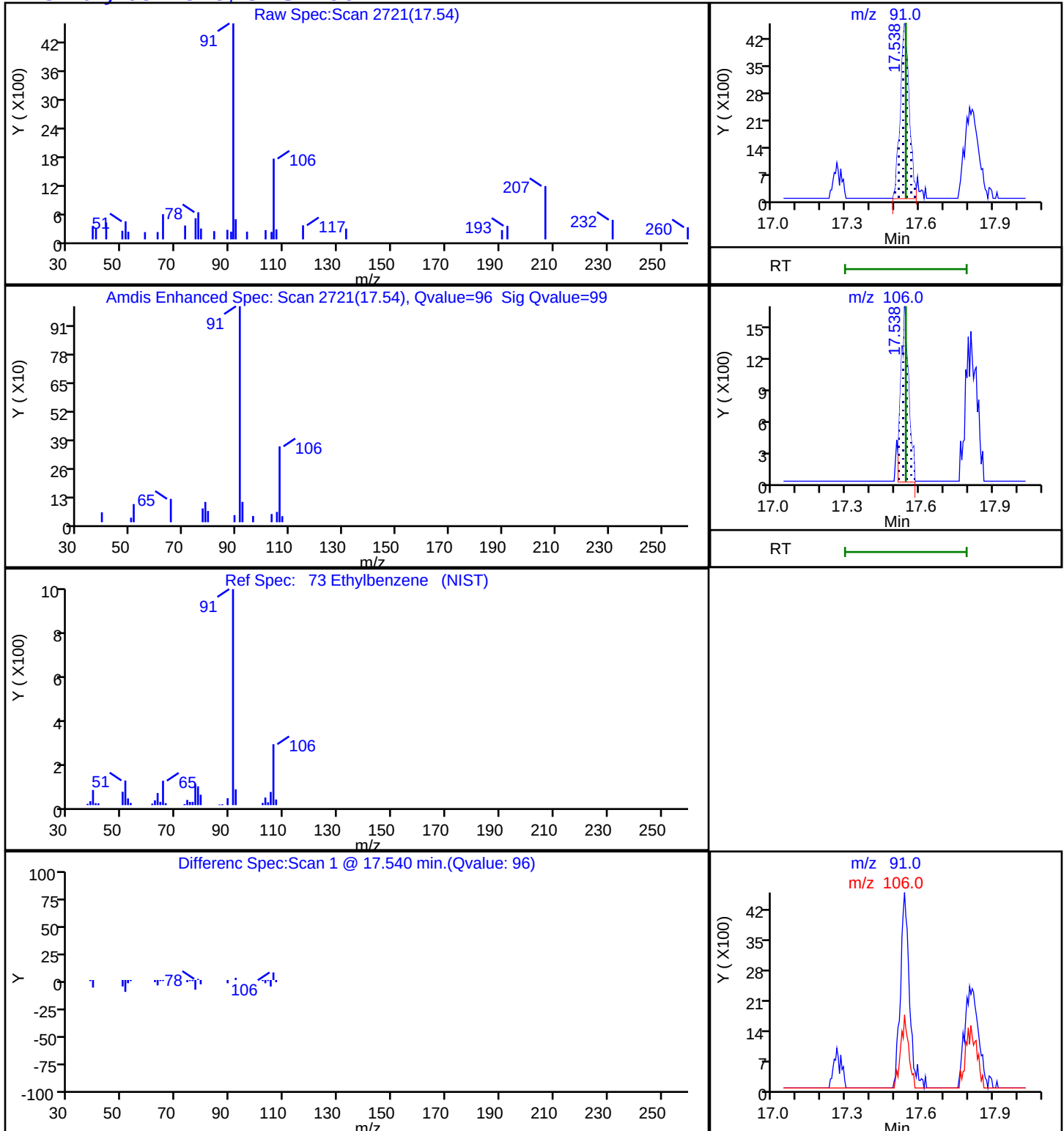
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

73 Ethylbenzene, CAS: 100-41-4



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

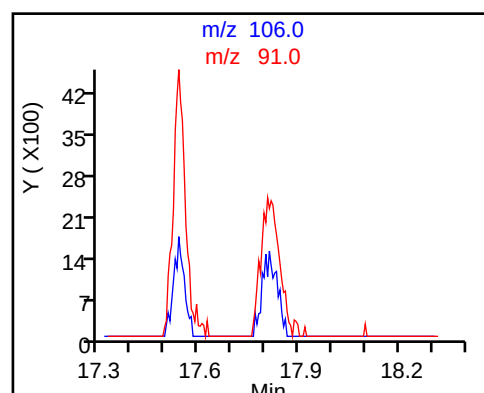
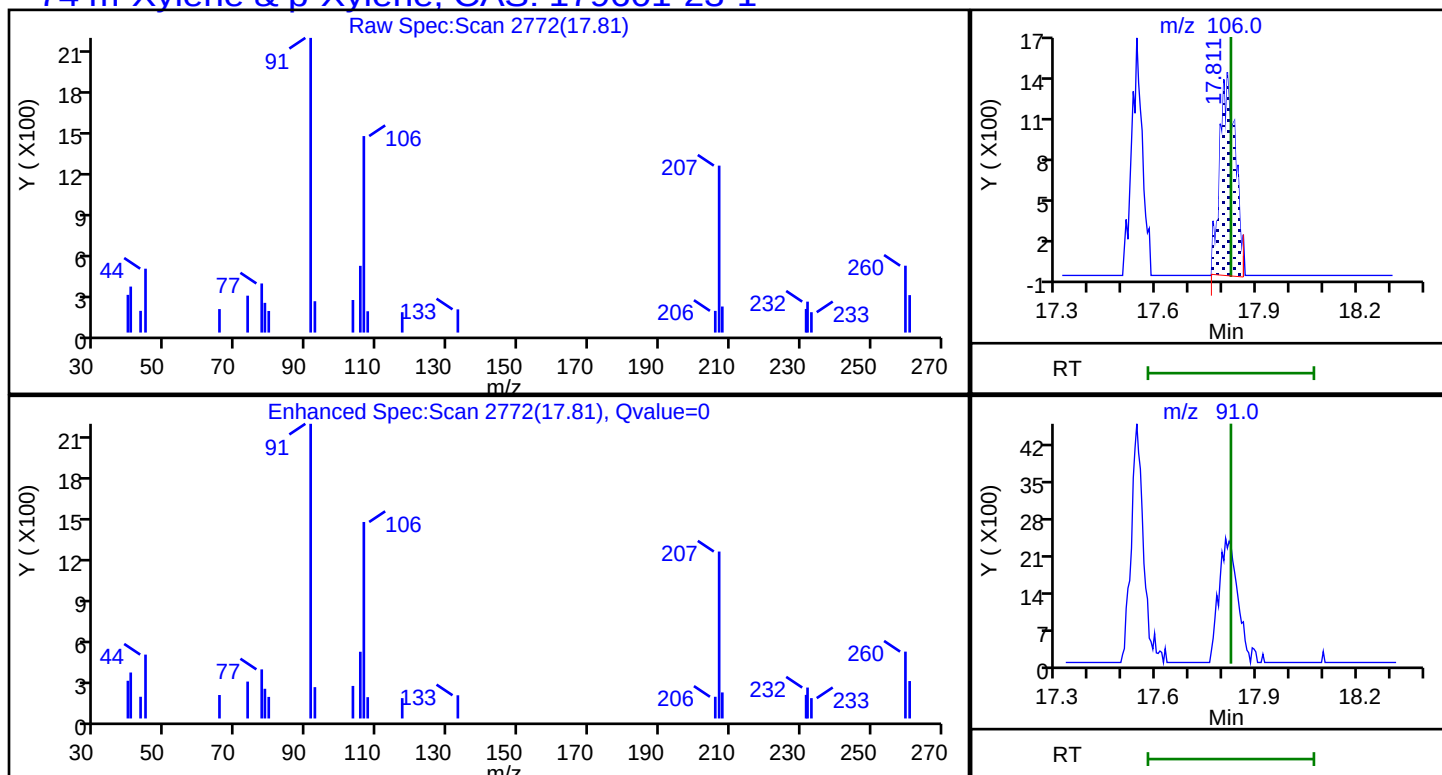
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

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

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

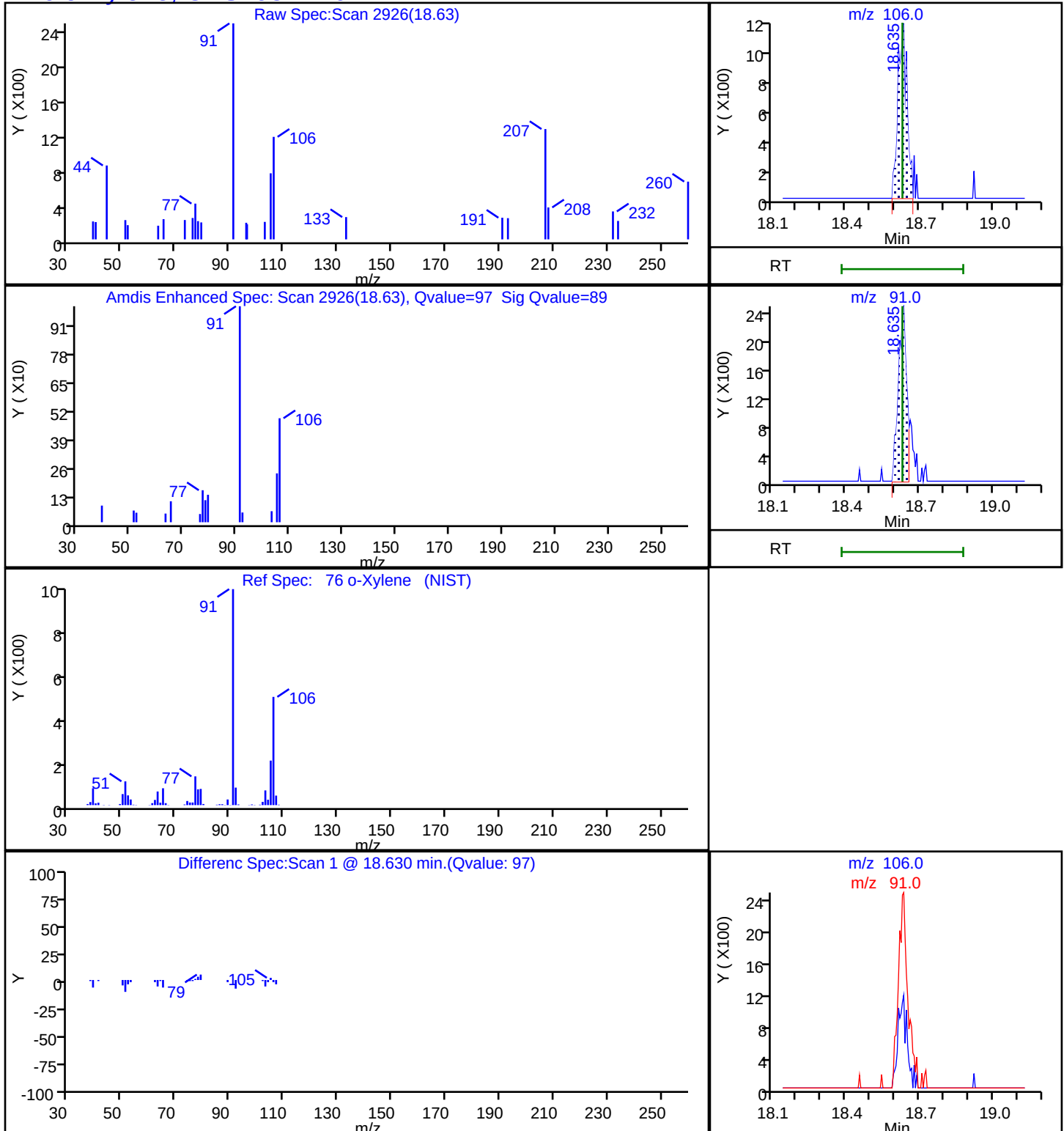
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

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



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#:

20

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

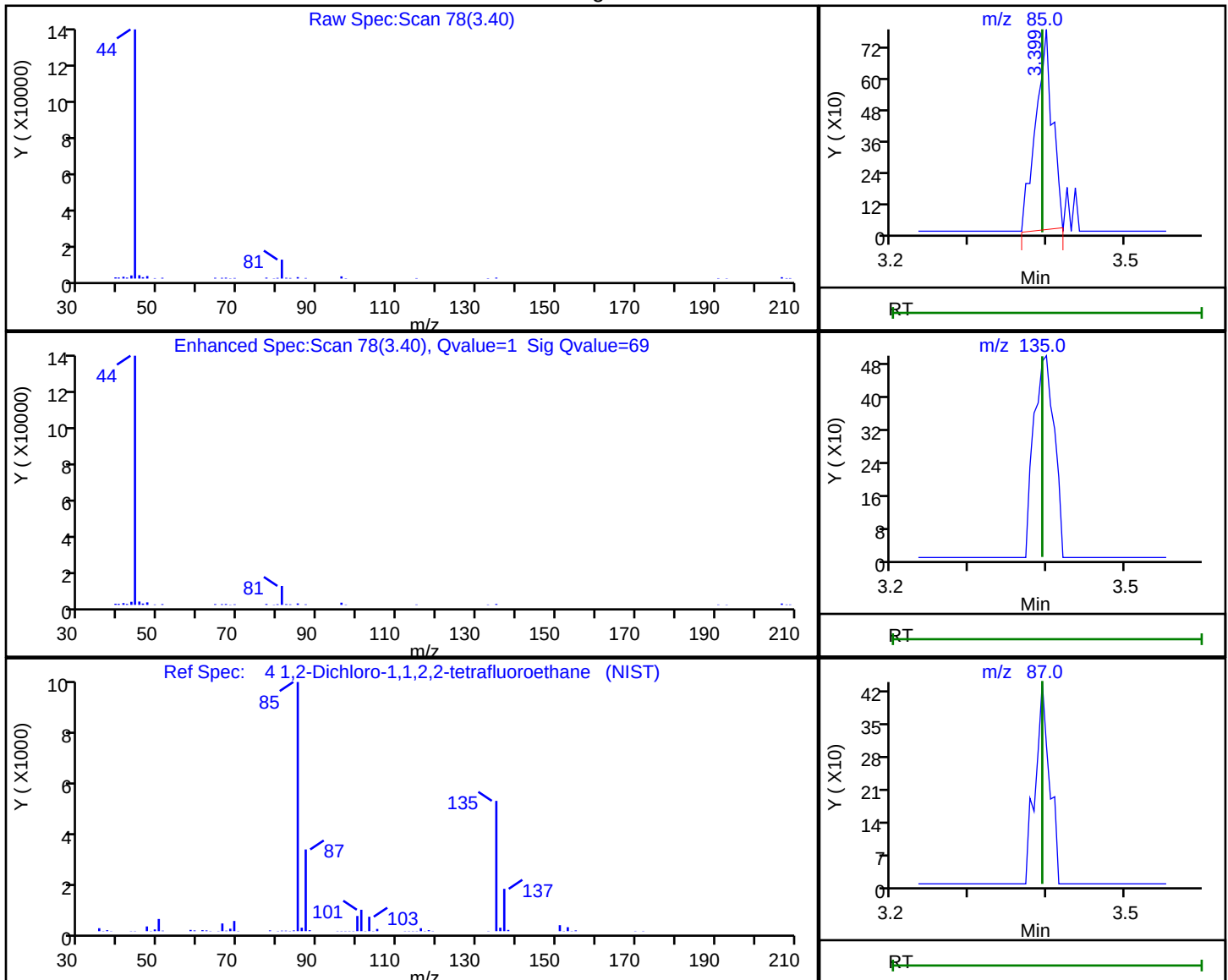
Limit Group: AI_TO15_ICAL

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
3.40	85.00	1156	0.017482
3.39	135.00	0	
3.39	87.00	0	

Reviewer: puangmaleek, 06-Dec-2022 14:20:38

Audit Action: Marked Compound Undetected

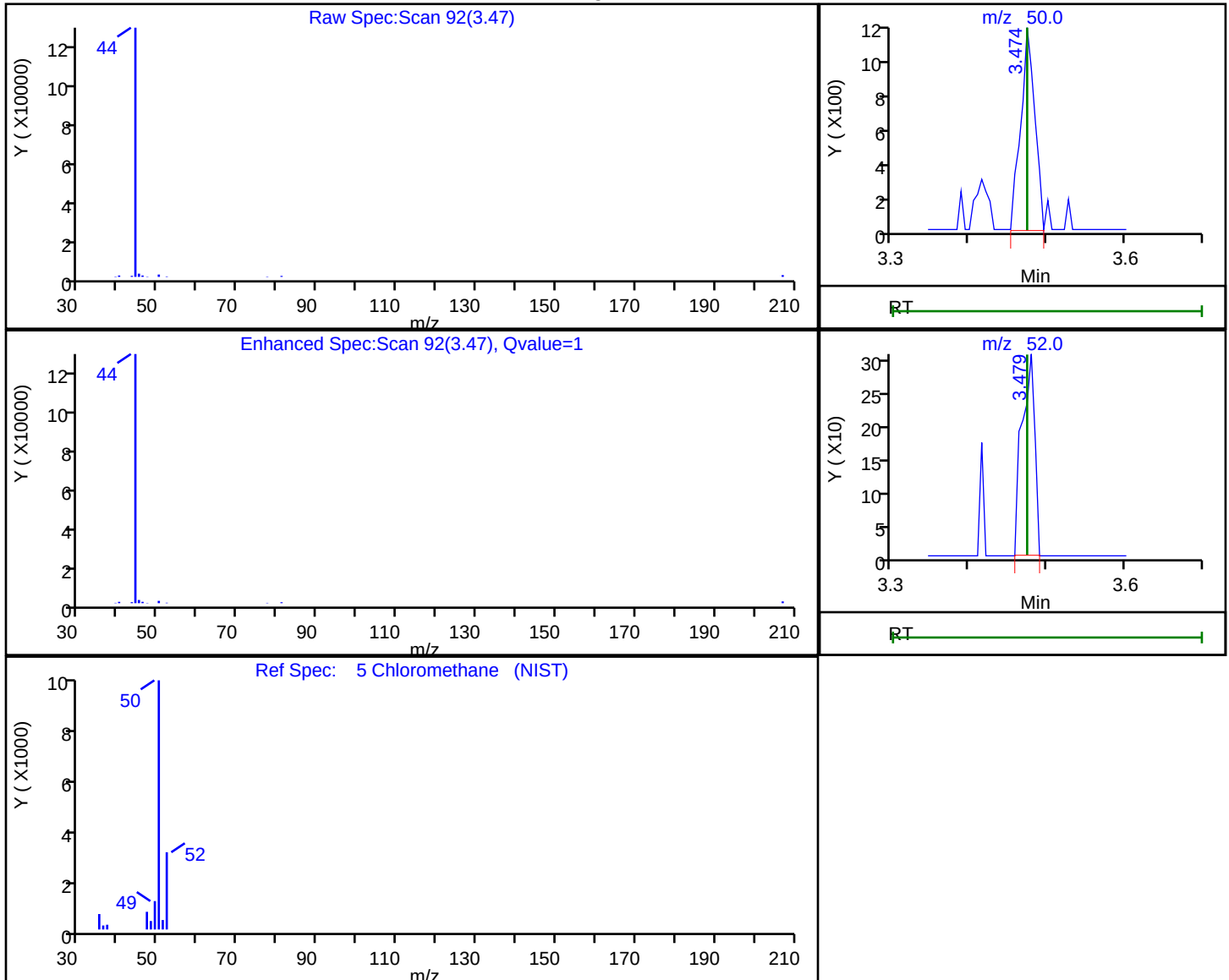
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D
Injection Date: 06-Dec-2022 00:01:30 Instrument ID: CHG.i
Lims ID: 200-65967-A-1 Lab Sample ID: 200-65967-1
Client ID: SV-1
Operator ID: vtp ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G 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
3.47	50.00	1462	0.103357
3.48	52.00	351	

Reviewer: puangmaleek, 06-Dec-2022 14:20:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

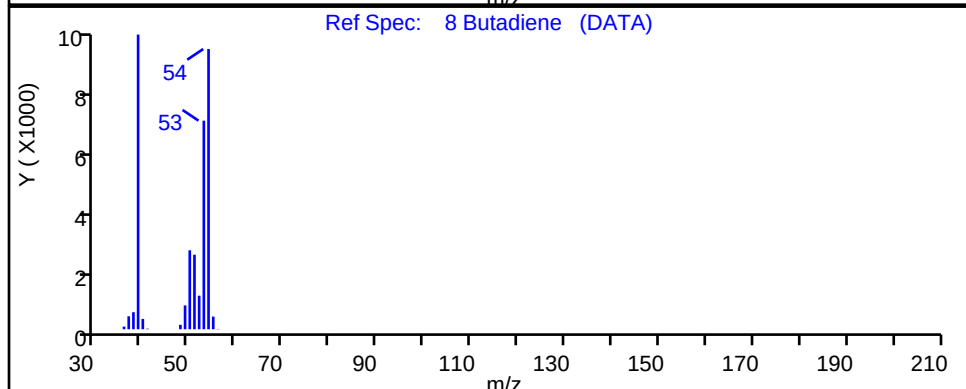
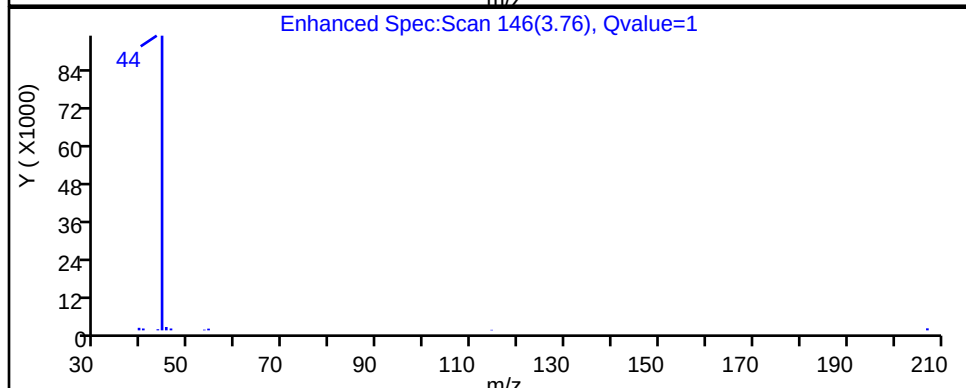
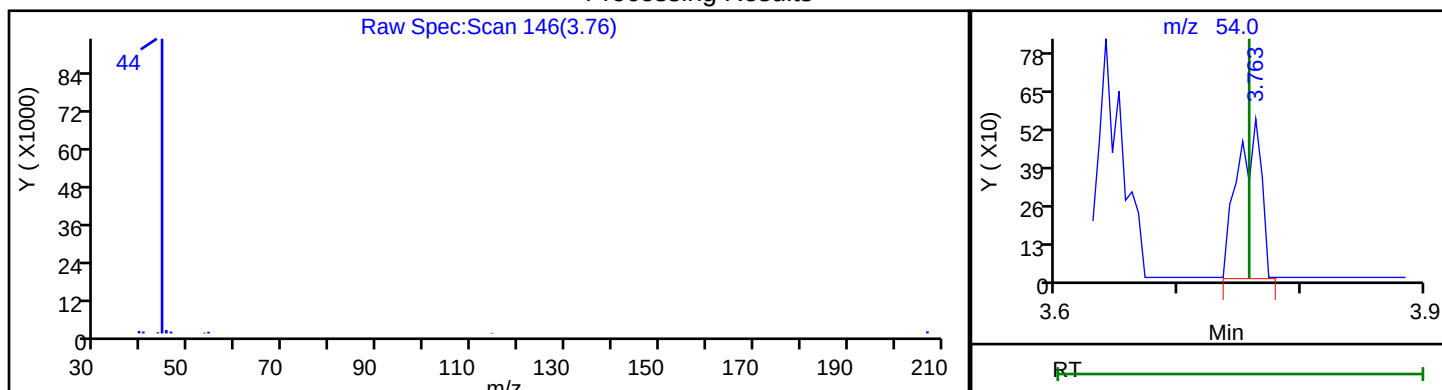
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

8 Butadiene, CAS: 106-99-0

Processing Results



RT	Mass	Response	Amount
3.76	54.00	732	0.066257

Reviewer: puangmaleek, 06-Dec-2022 14:20:43

Audit Action: Marked Compound Undetected

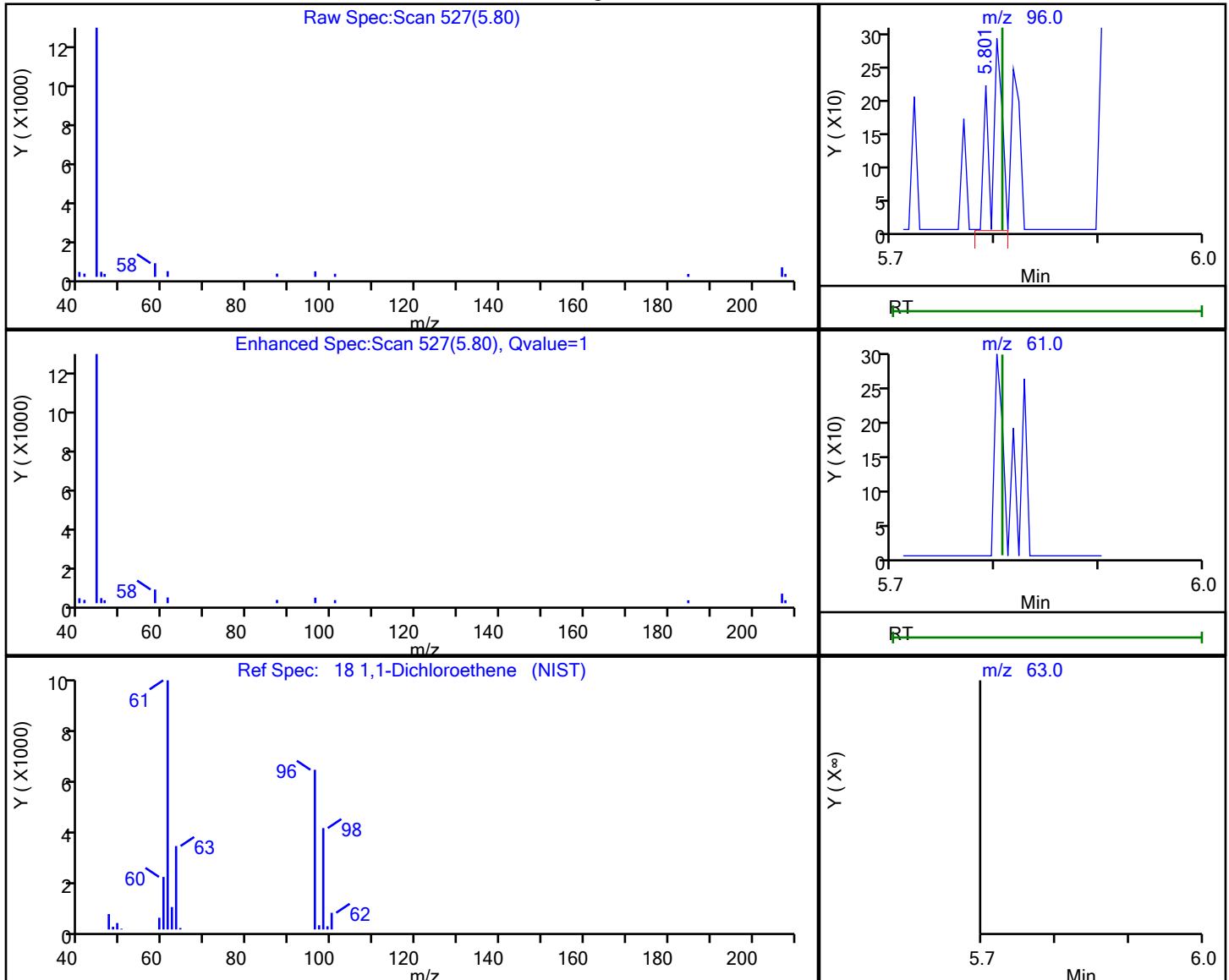
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D
Injection Date: 06-Dec-2022 00:01:30 Instrument ID: CHG.i
Lims ID: 200-65967-A-1 Lab Sample ID: 200-65967-1
Client ID: SV-1
Operator ID: vtp ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

18 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
5.80	96.00	217	0.010159
5.81	61.00	0	
5.81	63.00	0	

Reviewer: puangmaleek, 06-Dec-2022 14:20:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#:

20

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

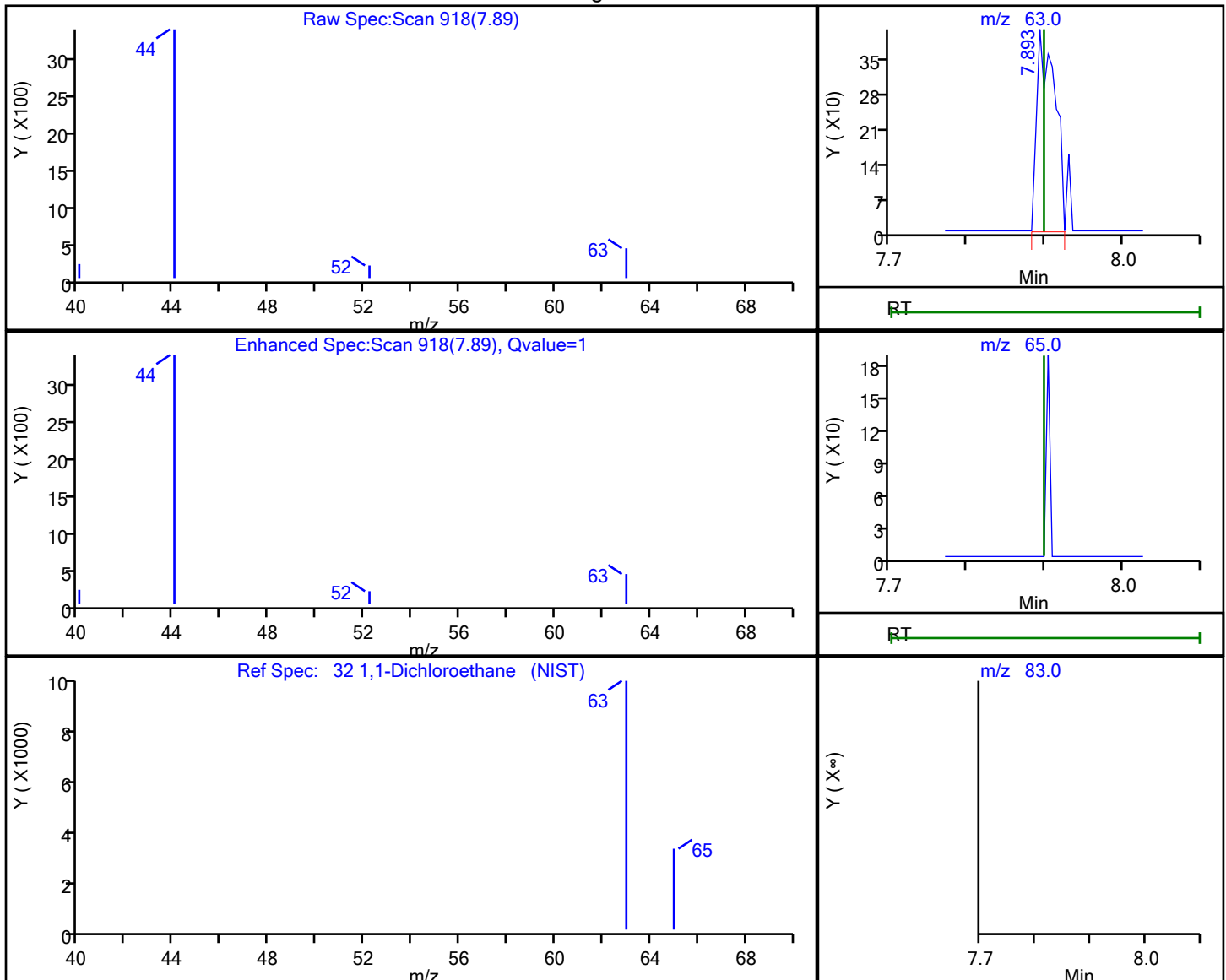
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

32 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
7.89	63.00	655	0.024121
7.90	65.00	0	
7.90	83.00	0	

Reviewer: puangmaleek, 06-Dec-2022 14:21:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

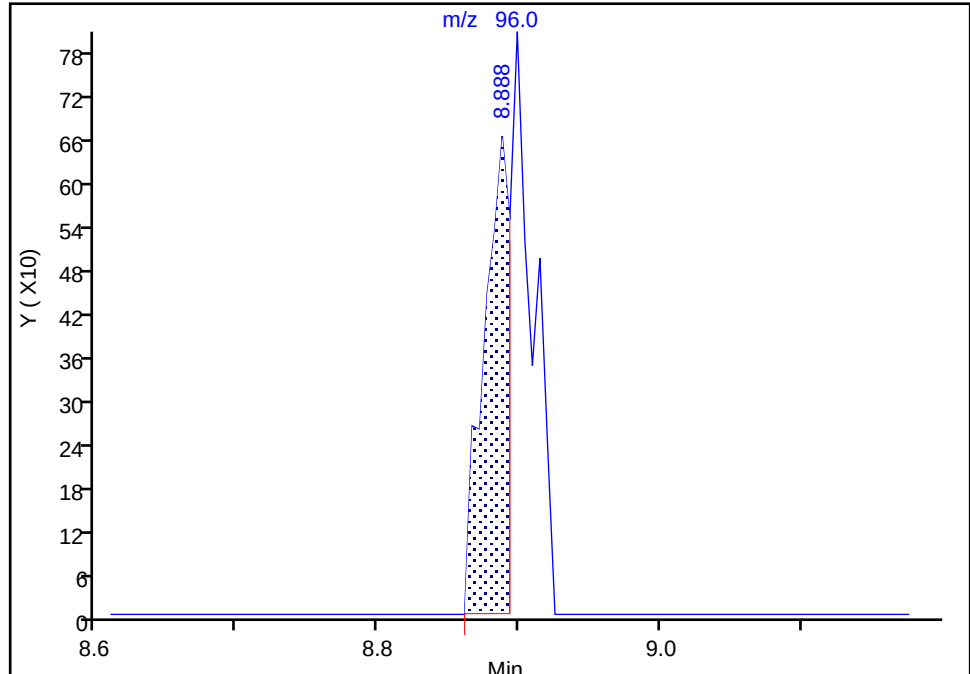
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D
Injection Date: 06-Dec-2022 00:01:30 Instrument ID: CHG.i
Lims ID: 200-65967-A-1 Lab Sample ID: 200-65967-1
Client ID: SV-1
Operator ID: vtp ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

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

Signal: 1

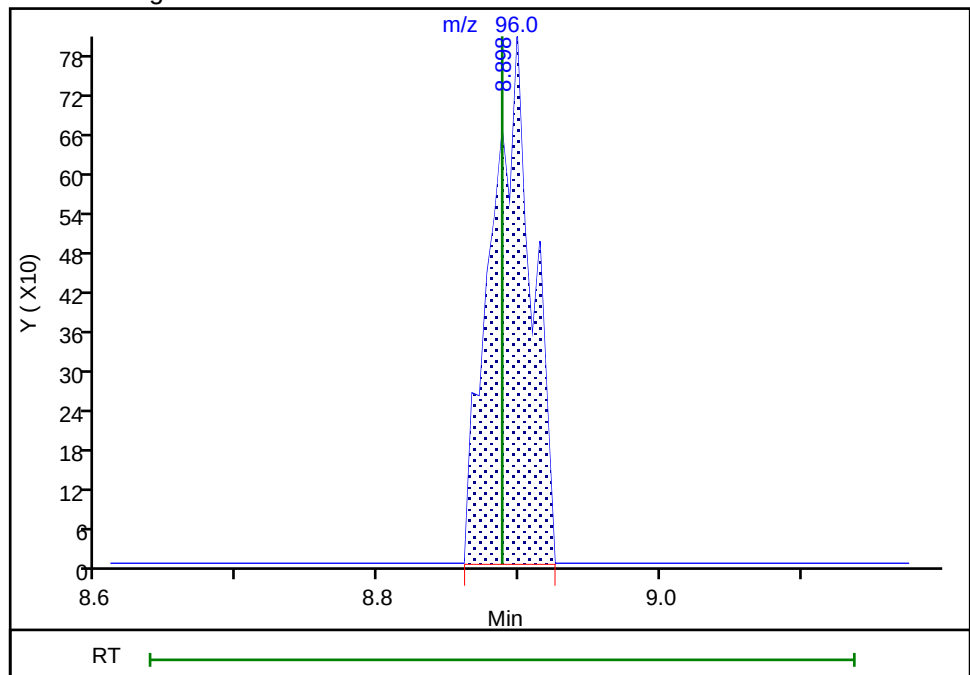
RT: 8.89
Area: 871
Amount: 0.045288
Amount Units: ppb v/v

Processing Integration Results



RT: 8.90
Area: 1645
Amount: 0.085533
Amount Units: ppb v/v

Manual Integration Results



Reviewer: puangmaleek, 06-Dec-2022 14:21:14

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

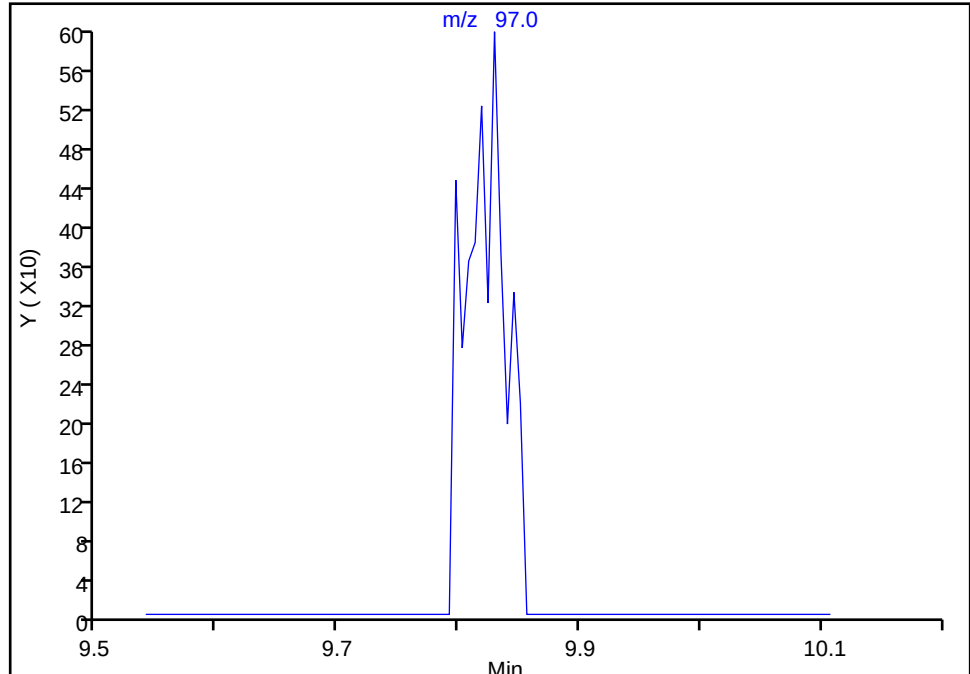
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D				
Injection Date:	06-Dec-2022 00:01:30	Instrument ID:	CHG.i		
Lims ID:	200-65967-A-1	Lab Sample ID:	200-65967-1		
Client ID:	SV-1				
Operator ID:	vtp	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

40 1,1,1-Trichloroethane, CAS: 71-55-6

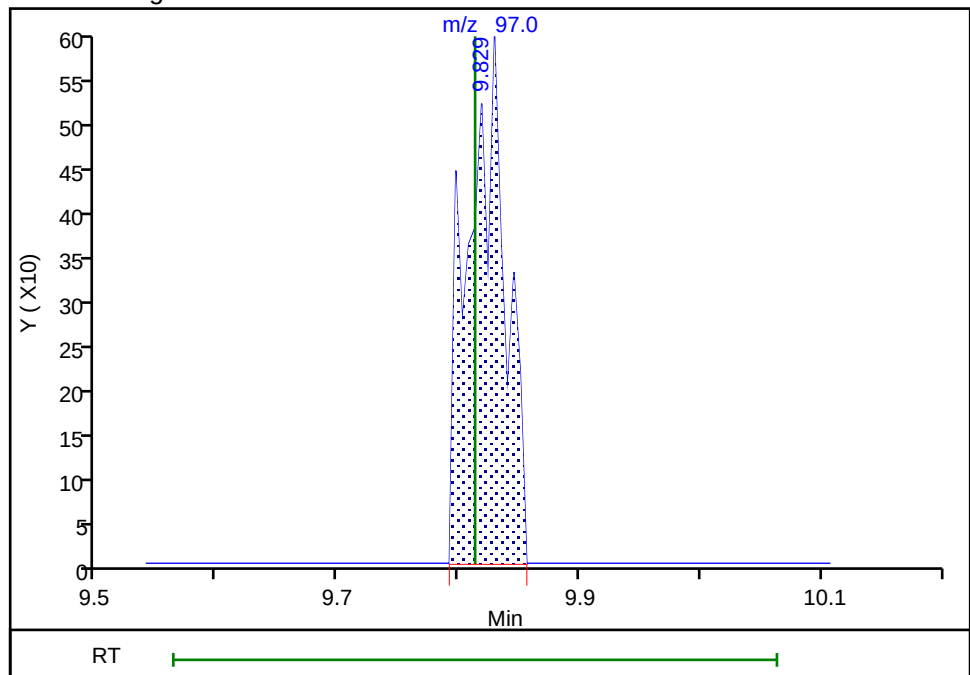
Signal: 1

Not Detected
Expected RT: 9.81

Processing Integration Results

RT: 9.83
Area: 1287
Amount: 0.020995
Amount Units: ppb v/v

Manual Integration Results



Reviewer: puangmaleek, 06-Dec-2022 14:21:26

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

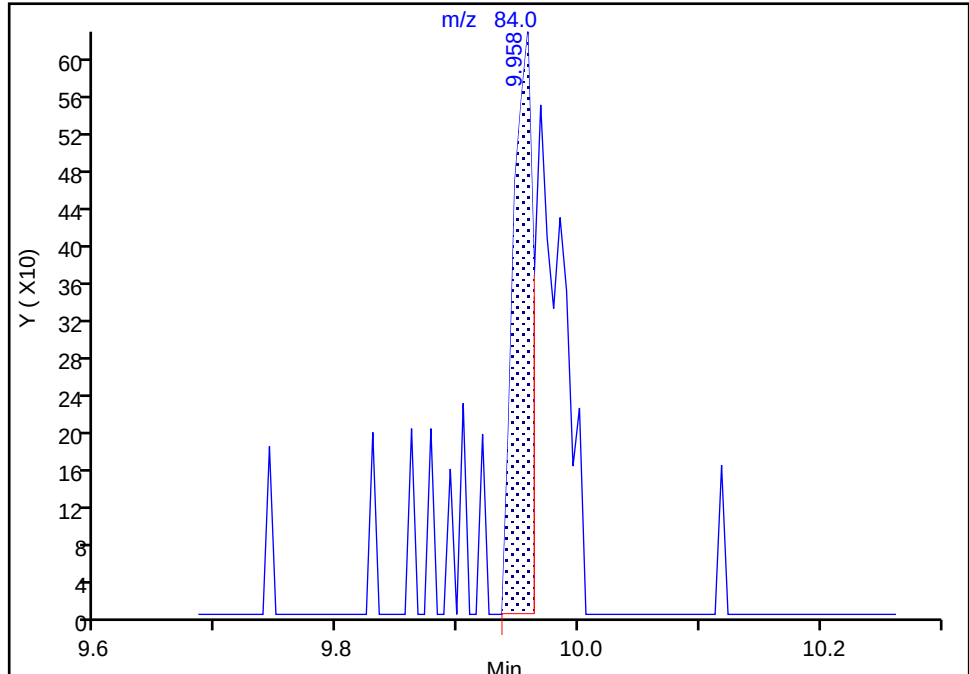
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D				
Injection Date:	06-Dec-2022 00:01:30	Instrument ID:	CHG.i		
Lims ID:	200-65967-A-1	Lab Sample ID:	200-65967-1		
Client ID:	SV-1				
Operator ID:	vtp	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN		

41 Cyclohexane, CAS: 110-82-7

Signal: 1

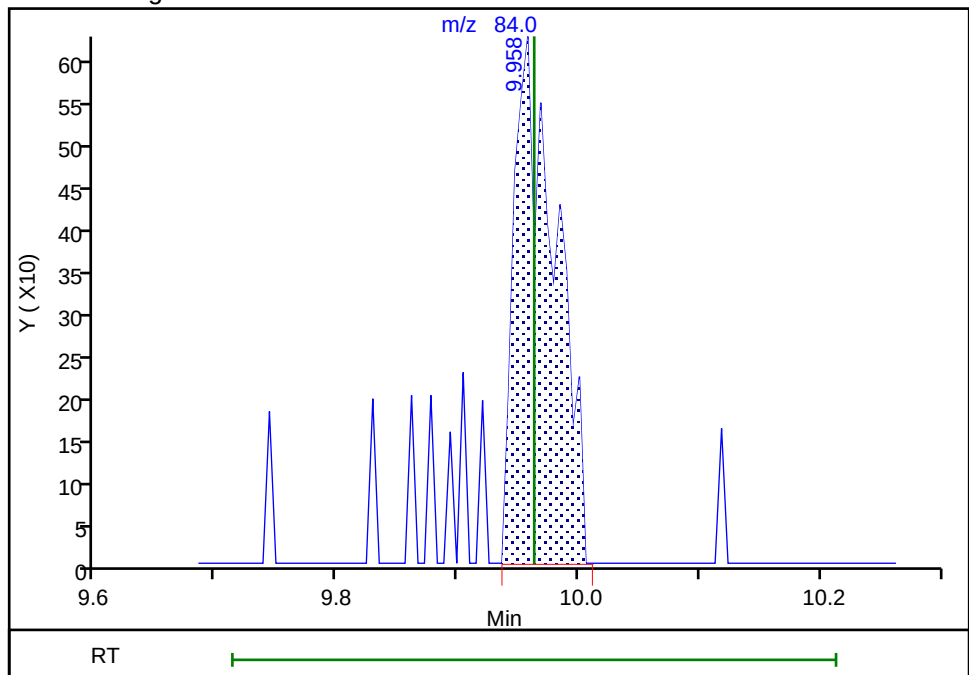
RT: 9.96
Area: 702
Amount: 0.027552
Amount Units: ppb v/v

Processing Integration Results



RT: 9.96
Area: 1478
Amount: 0.058008
Amount Units: ppb v/v

Manual Integration Results



Reviewer: puangmaleek, 06-Dec-2022 14:21:32

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#:

20

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

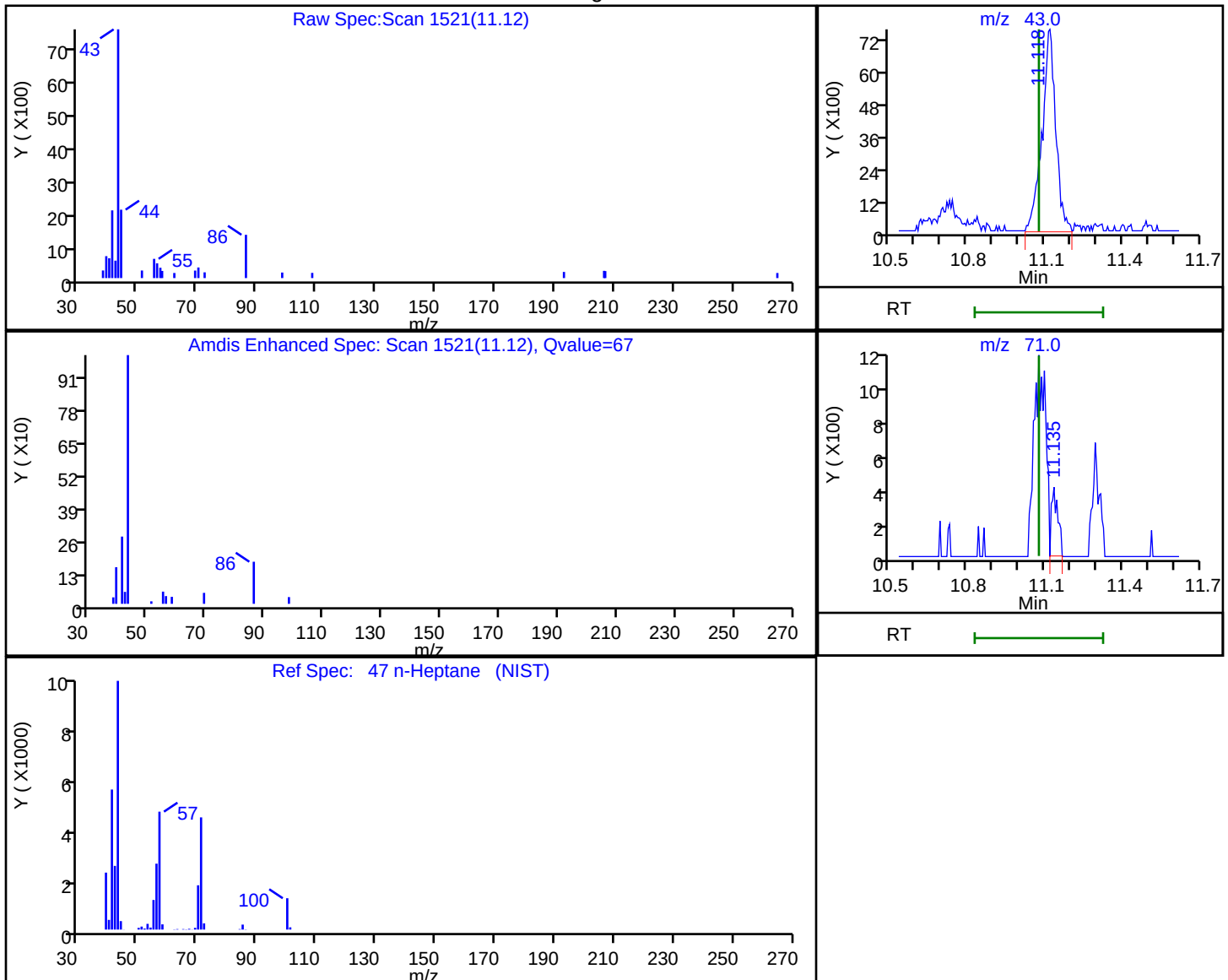
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
11.12	43.00	28036	0.905319
11.13	71.00	687	

Reviewer: puangmaleek, 06-Dec-2022 14:21:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#:

20

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

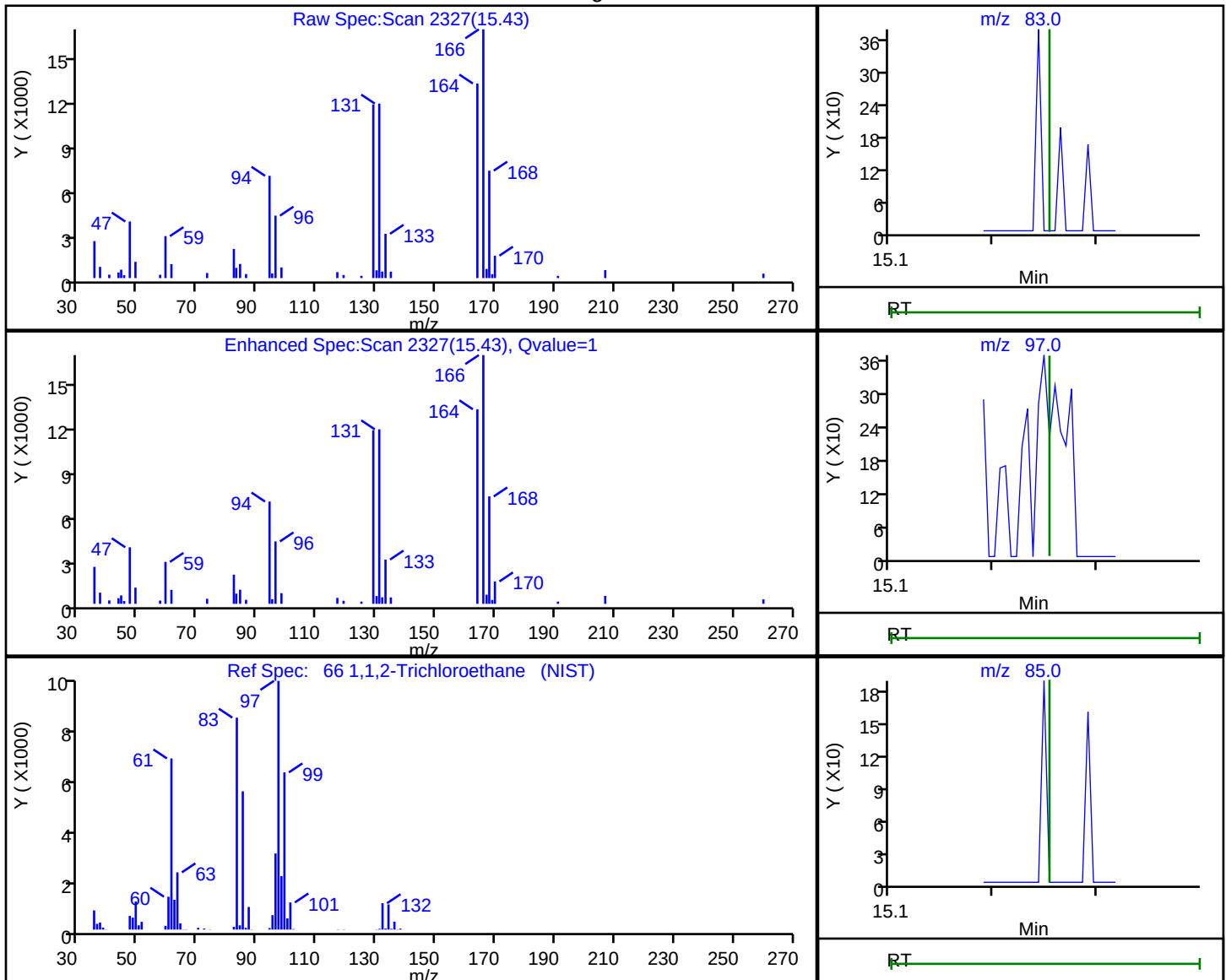
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
15.43	83.00	591	0.024085
15.25	97.00	0	
15.25	85.00	0	

Reviewer: puangmaleek, 06-Dec-2022 14:21:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

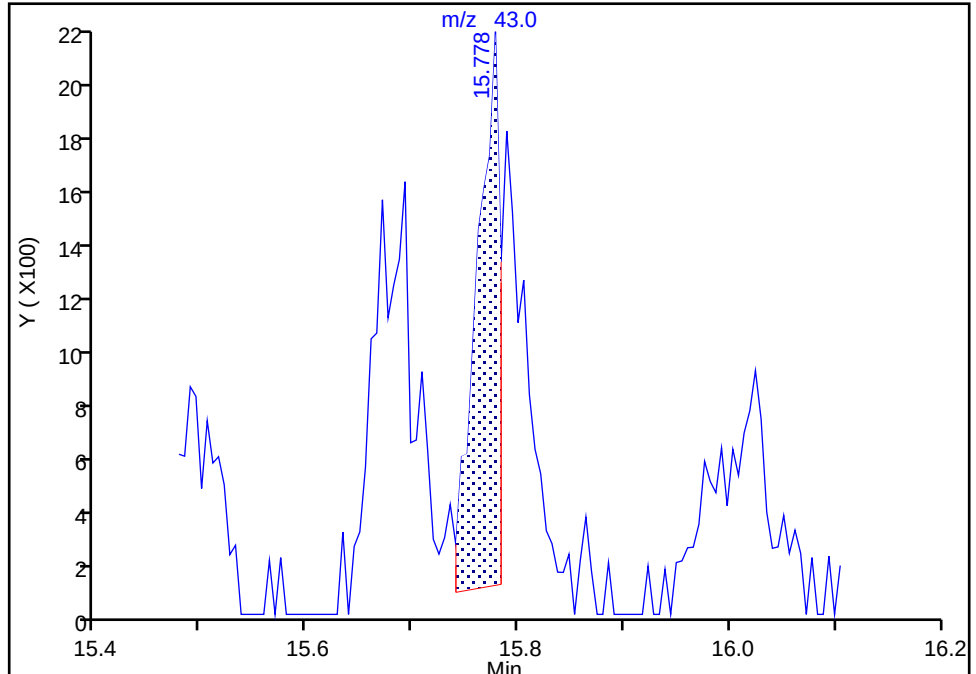
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D				
Injection Date:	06-Dec-2022 00:01:30	Instrument ID:	CHG.i		
Lims ID:	200-65967-A-1	Lab Sample ID:	200-65967-1		
Client ID:	SV-1				
Operator ID:	vtp	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN		

68 2-Hexanone, CAS: 591-78-6

Signal: 1

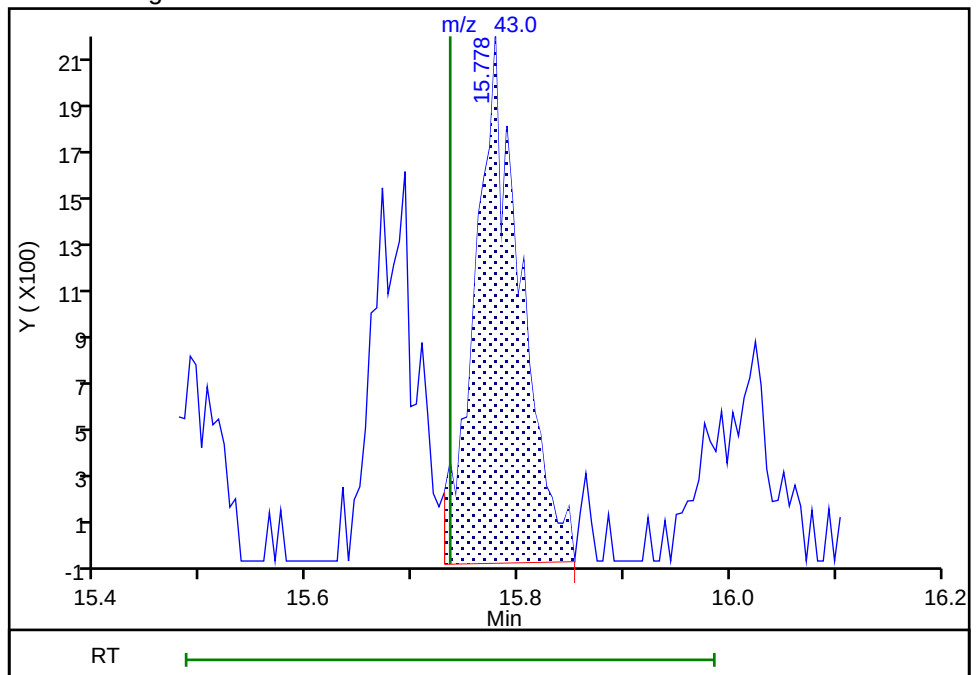
RT: 15.78
Area: 3088
Amount: 0.088881
Amount Units: ppb v/v

Processing Integration Results



RT: 15.78
Area: 6354
Amount: 0.182884
Amount Units: ppb v/v

Manual Integration Results



Reviewer: puangmaleek, 06-Dec-2022 14:21:56

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

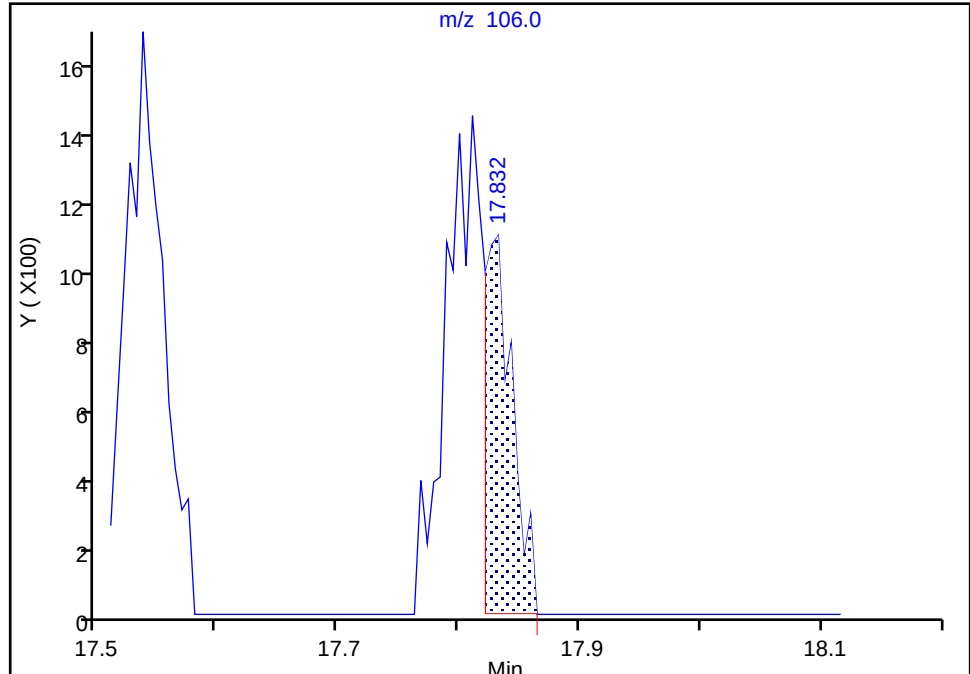
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D
Injection Date: 06-Dec-2022 00:01:30 Instrument ID: CHG.i
Lims ID: 200-65967-A-1 Lab Sample ID: 200-65967-1
Client ID: SV-1
Operator ID: vtp ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

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

Signal: 1

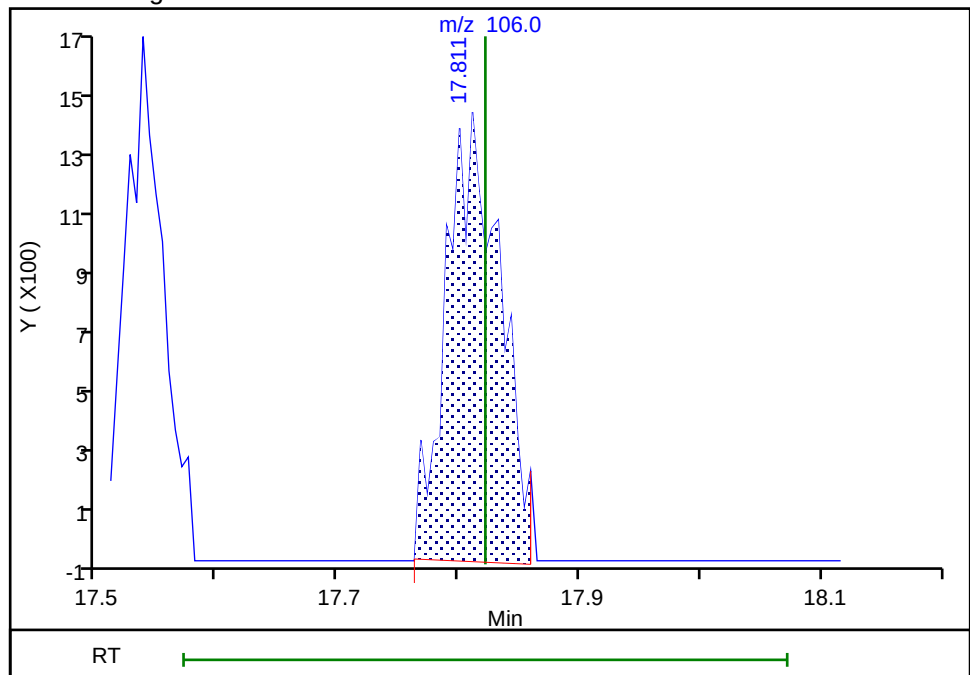
RT: 17.83
Area: 1759
Amount: 0.042652
Amount Units: ppb v/v

Processing Integration Results



RT: 17.81
Area: 4509
Amount: 0.109333
Amount Units: ppb v/v

Manual Integration Results



Reviewer: puangmaleek, 06-Dec-2022 14:22:04
Audit Action: Manually Integrated

Audit Reason: Assign Peak
Page 113 of 981

12/8/2022 3:46
PM

Eurofins Burlington

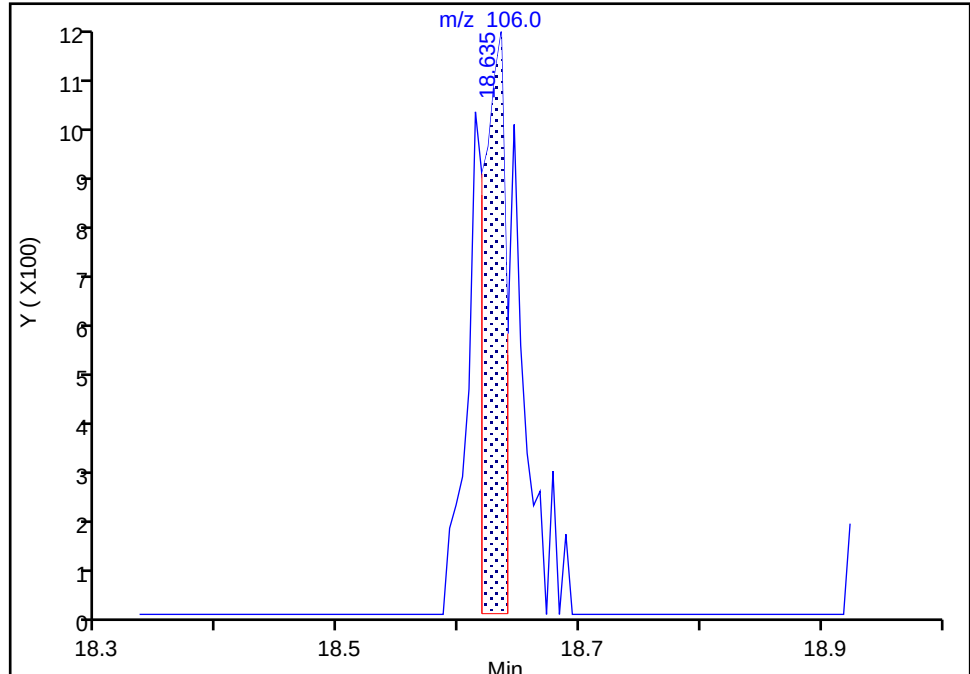
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D		
Injection Date:	06-Dec-2022 00:01:30	Instrument ID:	CHG.i
Lims ID:	200-65967-A-1	Lab Sample ID:	200-65967-1
Client ID:	SV-1		
Operator ID:	vtp	ALS Bottle#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	21

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

Signal: 1

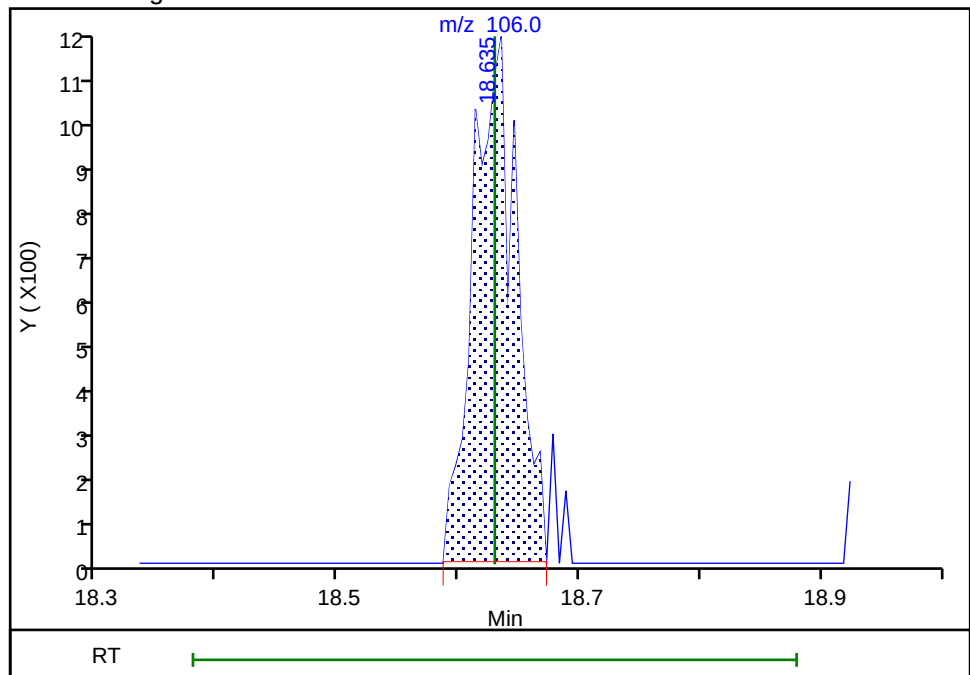
RT: 18.63
Area: 1471
Amount: 0.034276
Amount Units: ppb v/v

Processing Integration Results



RT: 18.63
Area: 2872
Amount: 0.066920
Amount Units: ppb v/v

Manual Integration Results



Reviewer: puangmaleek, 06-Dec-2022 14:22:09

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#:

20

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

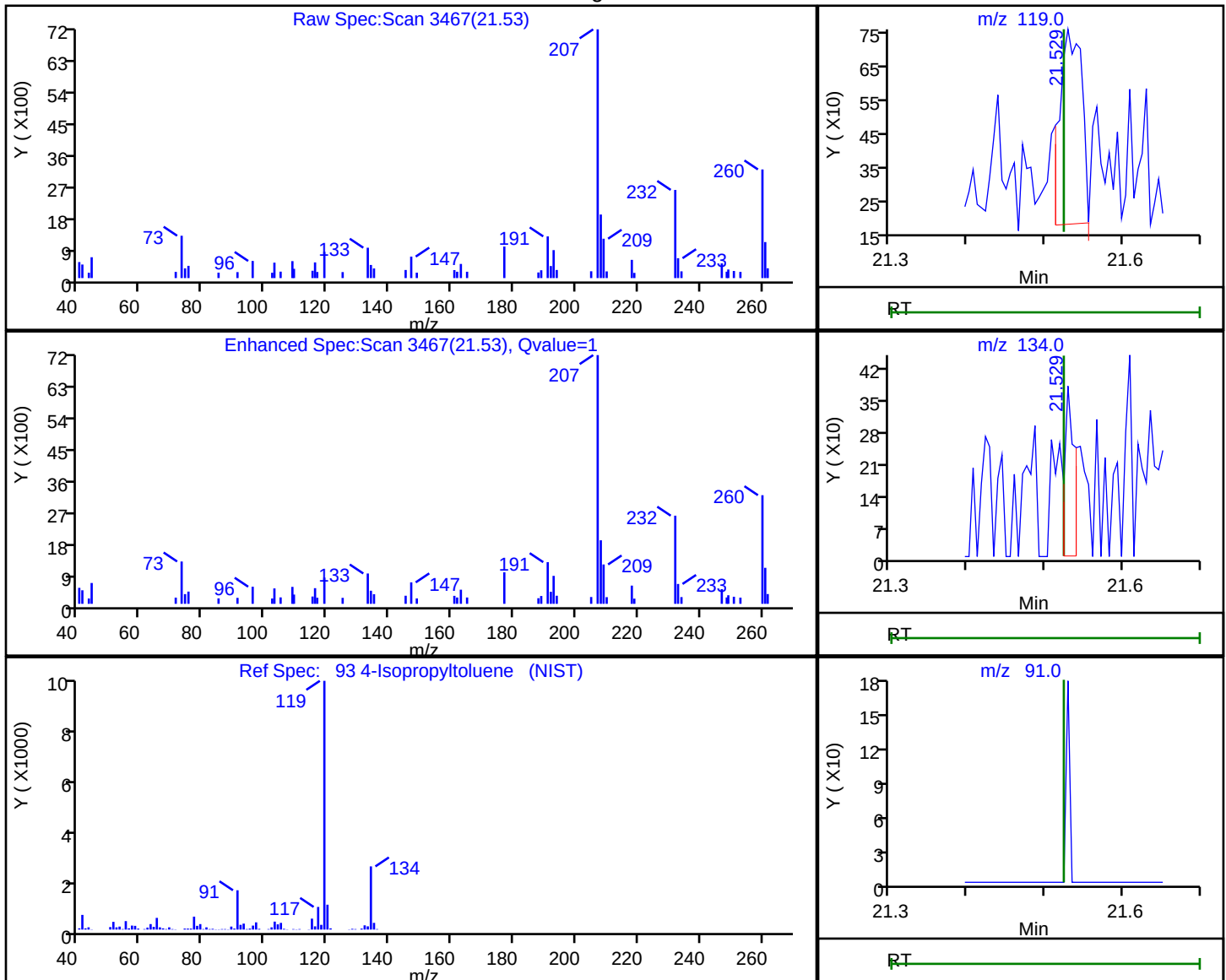
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

93 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
21.53	119.00	1143	0.010230
21.53	134.00	332	
21.52	91.00	0	

Reviewer: puangmaleek, 06-Dec-2022 14:22:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#:

20

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

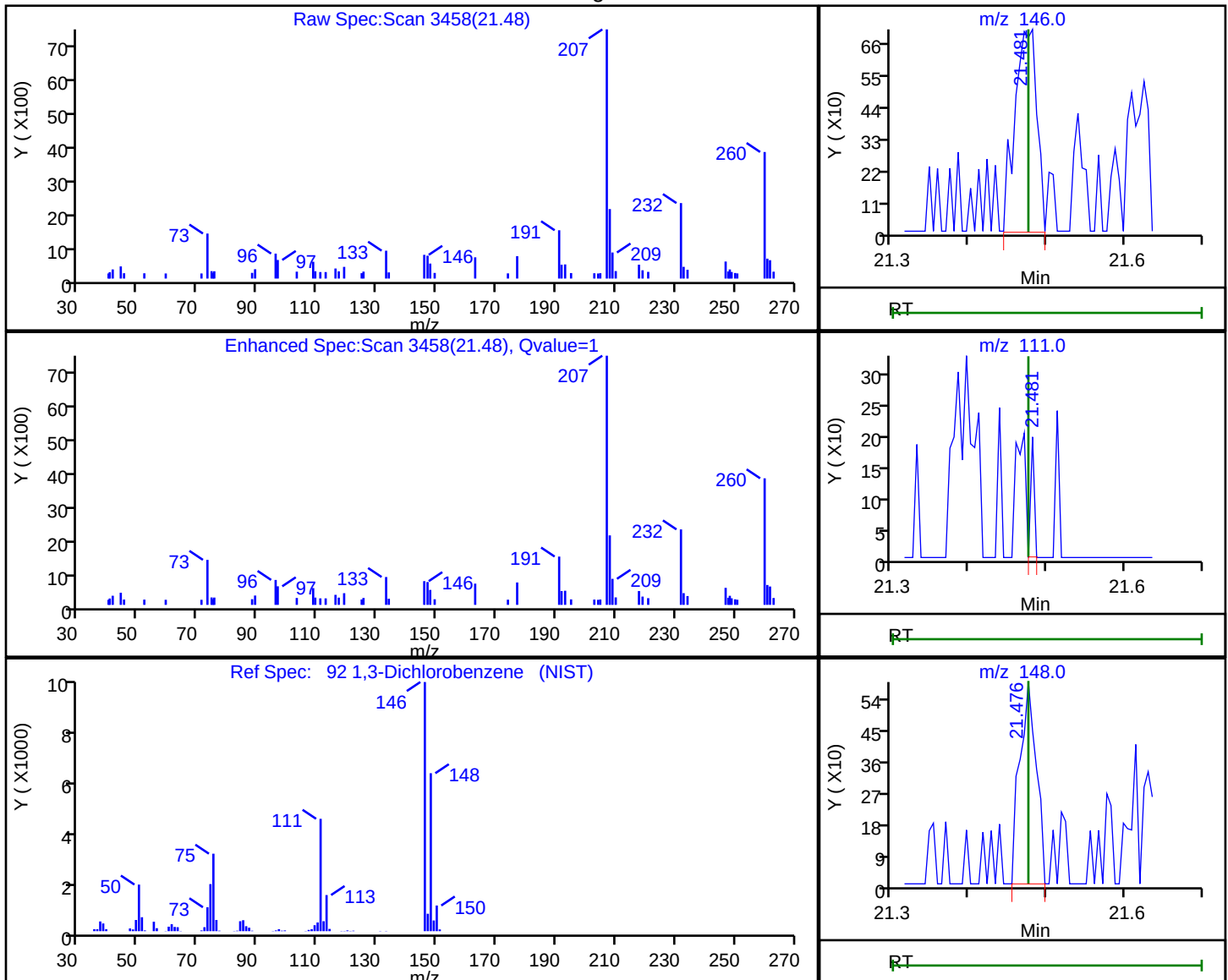
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

92 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
21.48	146.00	1395	0.015973
21.48	111.00	62	
21.48	148.00	871	

Reviewer: puangmaleek, 06-Dec-2022 14:22:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#:

20

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

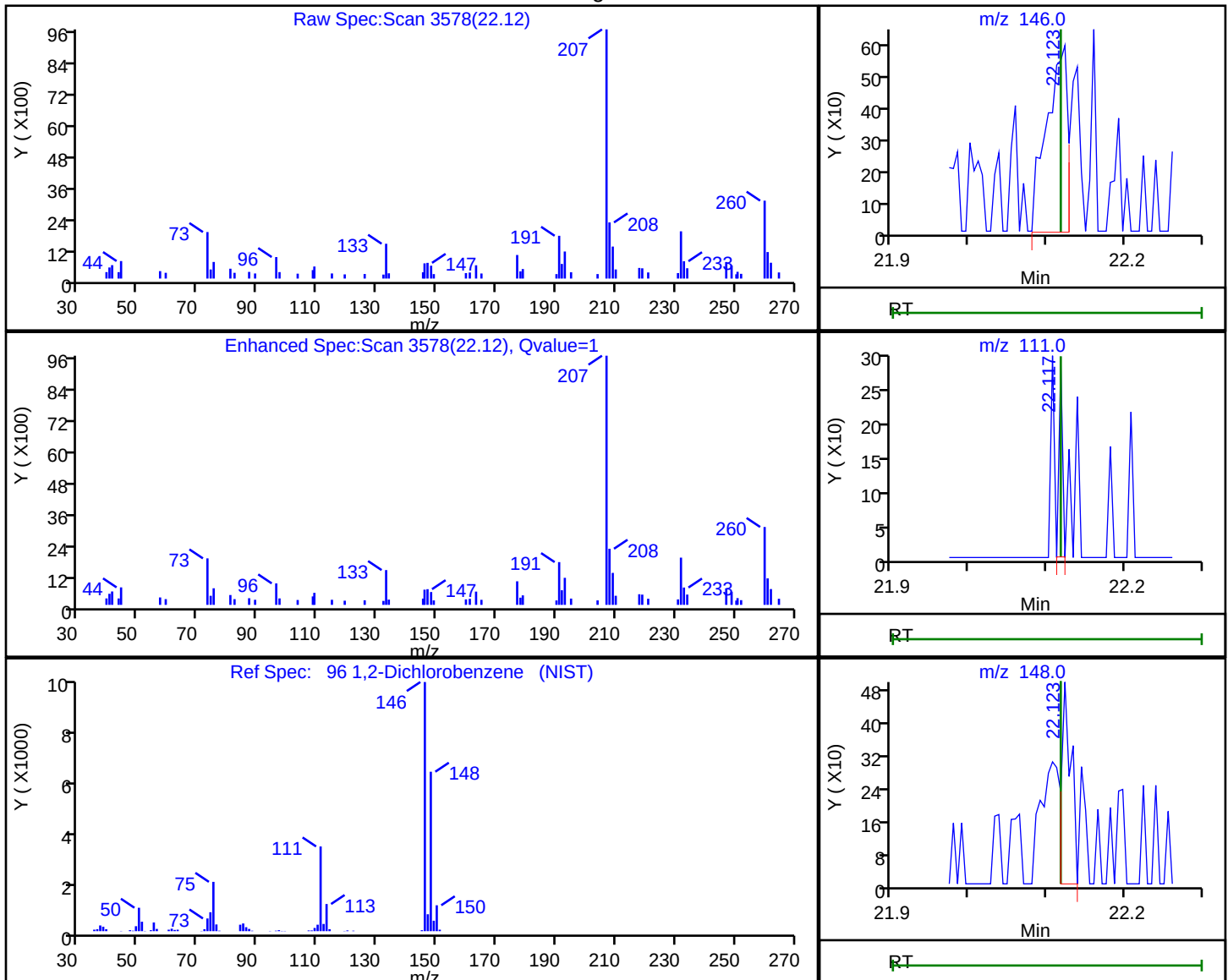
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

96 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
22.12	146.00	1110	0.012915
22.12	111.00	90	
22.12	148.00	427	

Reviewer: puangmaleek, 06-Dec-2022 14:22:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-021.D

Injection Date: 06-Dec-2022 00:01:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#:

20

Worklist Smp#: 21

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

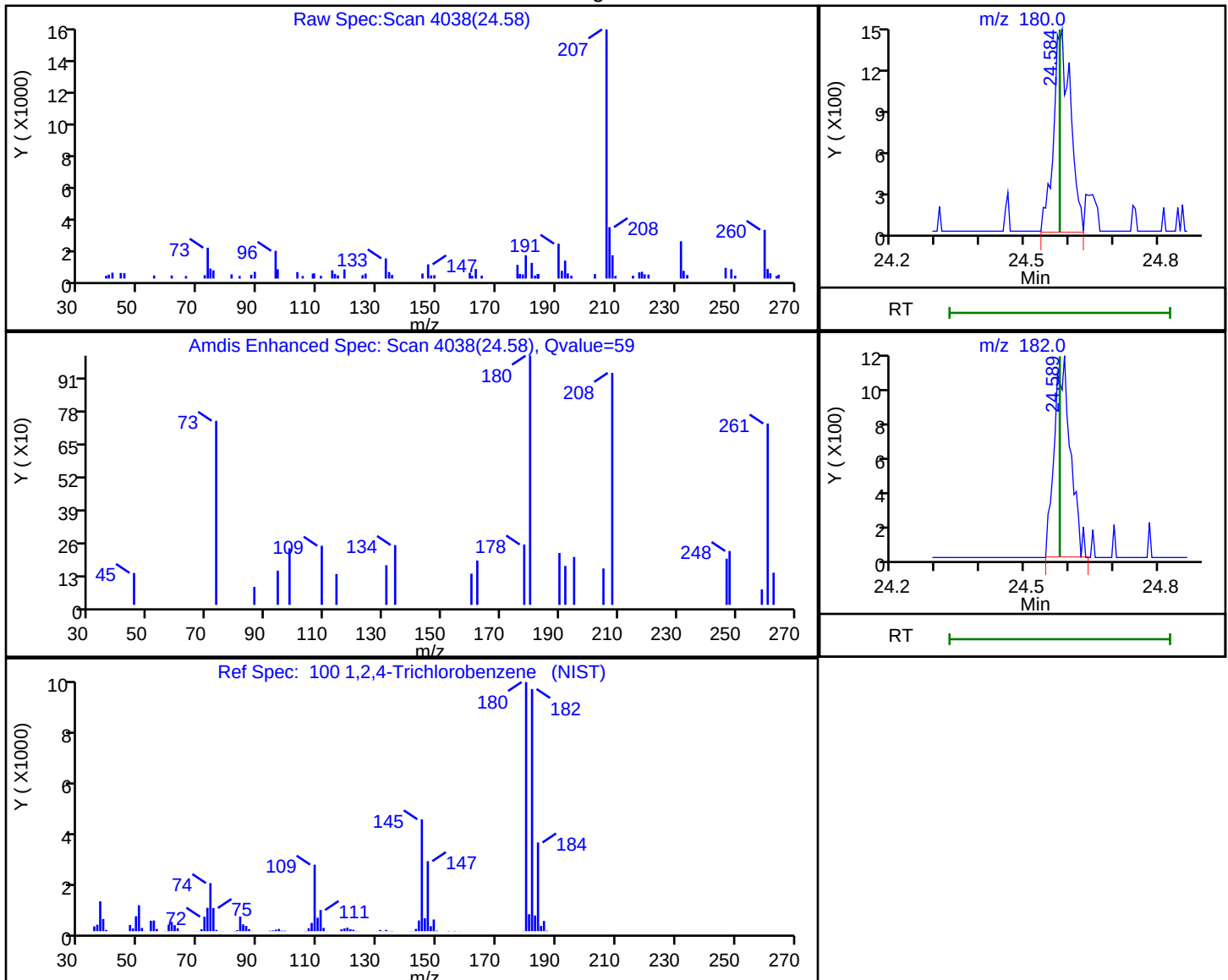
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

100 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
24.58	180.00	3741	0.044732
24.59	182.00	2888	

Reviewer: puangmaleek, 06-Dec-2022 14:22:39

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.: 200-65967-1

SDG No.: _____

Client Sample ID: SV-1 DL Lab Sample ID: 200-65967-1 DL

Matrix: Air Lab File ID: 200-53537-022.D

Analysis Method: TO-15 Date Collected: 12/01/2022 13:50

Sample wt/vol: 40 (mL) Date Analyzed: 12/06/2022 00:54

Soil Aliquot Vol: _____ Dilution Factor: 5

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

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

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

Analysis Batch No.: 186329 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.55
75-45-6	Chlorodifluoromethane	86.47	2.5	U	2.5	0.60
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.0	U	1.0	0.24
74-87-3	Chloromethane	50.49	2.5	U	2.5	0.75
106-97-8	n-Butane	58.12	2.5	U	2.5	1.0
75-01-4	Vinyl chloride	62.50	0.39	U	0.39	0.11
106-99-0	1,3-Butadiene	54.09	1.0	U	1.0	0.20
74-83-9	Bromomethane	94.94	1.0	U	1.0	0.36
75-00-3	Chloroethane	64.52	2.5	U	2.5	0.90
593-60-2	Bromoethene (Vinyl Bromide)	106.96	1.0	U	1.0	0.25
75-69-4	Trichlorofluoromethane	137.37	1.0	U	1.0	0.25
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.0	U	1.0	0.27
75-35-4	1,1-Dichloroethene	96.94	0.18	U	0.18	0.13
67-64-1	Acetone	58.08	8.3	J D	25	8.0
67-63-0	Isopropyl alcohol	60.10	25	U **	25	8.0
75-15-0	Carbon disulfide	76.14	2.5	D	2.5	0.65
107-05-1	3-Chloropropene	76.53	2.5	U	2.5	0.60
75-09-2	Methylene Chloride	84.93	2.5	U	2.5	0.90
75-65-0	tert-Butyl alcohol	74.12	25	U	25	6.0
1634-04-4	Methyl tert-butyl ether	88.15	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	96.94	1.0	U	1.0	0.12
110-54-3	n-Hexane	86.17	2.5	U	2.5	0.55
75-34-3	1,1-Dichloroethane	98.96	1.0	U	1.0	0.13
78-93-3	Methyl Ethyl Ketone	72.11	2.5	U	2.5	2.5
156-59-2	cis-1,2-Dichloroethene	96.94	2.5	U	2.5	0.11
540-59-0	1,2-Dichloroethene, Total	96.94	2.0	U	2.0	0.50
67-66-3	Chloroform	119.38	47	D	1.0	0.21
109-99-9	Tetrahydrofuran	72.11	25	U	25	6.5
71-55-6	1,1,1-Trichloroethane	133.41	1.0	U	1.0	0.22
110-82-7	Cyclohexane	84.16	1.0	U	1.0	0.29
56-23-5	Carbon tetrachloride	153.81	0.18	U	0.18	0.11

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: SV-1 DL Lab Sample ID: 200-65967-1 DL

Matrix: Air Lab File ID: 200-53537-022.D

Analysis Method: TO-15 Date Collected: 12/01/2022 13:50

Sample wt/vol: 40 (mL) Date Analyzed: 12/06/2022 00:54

Soil Aliquot Vol: _____ Dilution Factor: 5

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

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

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

Analysis Batch No.: 186329 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	1.0	U	1.0	0.19
71-43-2	Benzene	78.11	0.26	J D	1.0	0.22
107-06-2	1,2-Dichloroethane	98.96	1.0	U	1.0	0.47
142-82-5	n-Heptane	100.21	1.0	U	1.0	0.28
79-01-6	Trichloroethene	131.39	6.6	D	0.18	0.13
80-62-6	Methyl methacrylate	100.12	2.5	U	2.5	0.70
78-87-5	1,2-Dichloropropane	112.99	1.0	U	1.0	0.47
123-91-1	1,4-Dioxane	88.11	25	U	25	6.5
75-27-4	Bromodichloromethane	163.83	1.0	U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	110.97	1.0	U	1.0	0.23
108-10-1	methyl isobutyl ketone	100.16	1.1	J D	2.5	0.65
108-88-3	Toluene	92.14	0.57	J D	1.0	0.21
10061-02-6	trans-1,3-Dichloropropene	110.97	1.0	U	1.0	0.27
79-00-5	1,1,2-Trichloroethane	133.41	1.0	U	1.0	0.37
127-18-4	Tetrachloroethene	165.83	3.4	D	1.0	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.5	U	2.5	0.75
124-48-1	Dibromochloromethane	208.28	1.0	U	1.0	0.32
106-93-4	1,2-Dibromoethane	187.87	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	112.56	1.0	U	1.0	0.22
100-41-4	Ethylbenzene	106.17	0.29	J D	1.0	0.26
179601-23-1	m,p-Xylene	106.17	2.5	U	2.5	0.48
95-47-6	Xylene, o-	106.17	1.0	U	1.0	0.26
1330-20-7	Xylene (total)	106.17	3.5	U	3.5	0.55
100-42-5	Styrene	104.15	1.0	U	1.0	0.30
75-25-2	Bromoform	252.75	1.0	U	1.0	0.60
98-82-8	Cumene	120.19	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.0	U	1.0	0.22
103-65-1	n-Propylbenzene	120.19	1.0	U	1.0	0.24
622-96-8	4-Ethyltoluene	120.20	1.0	U	1.0	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	1.0	U	1.0	0.24
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.23
98-06-6	tert-Butylbenzene	134.22	1.0	U	1.0	0.24

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: SV-1 DL Lab Sample ID: 200-65967-1 DL
 Matrix: Air Lab File ID: 200-53537-022.D
 Analysis Method: TO-15 Date Collected: 12/01/2022 13:50
 Sample wt/vol: 40 (mL) Date Analyzed: 12/06/2022 00:54
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 186329 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	120.20	1.0	U	1.0	0.40
135-98-8	sec-Butylbenzene	134.22	1.0	U	1.0	0.23
99-87-6	4-Isopropyltoluene	134.22	1.0	U	1.0	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.0	U	1.0	0.37
106-46-7	1,4-Dichlorobenzene	147.00	1.0	U	1.0	0.45
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.44
104-51-8	n-Butylbenzene	134.22	1.0	U	1.0	0.55
95-50-1	1,2-Dichlorobenzene	147.00	1.0	U	1.0	0.33
120-82-1	1,2,4-Trichlorobenzene	181.45	2.5	U	2.5	1.7
87-68-3	Hexachlorobutadiene	260.76	1.0	U	1.0	0.55
91-20-3	Naphthalene	128.17	2.5	U	2.5	1.5

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: SV-1 DL Lab Sample ID: 200-65967-1 DL

Matrix: Air Lab File ID: 200-53537-022.D

Analysis Method: TO-15 Date Collected: 12/01/2022 13:50

Sample wt/vol: 40 (mL) Date Analyzed: 12/06/2022 00:54

Soil Aliquot Vol: _____ Dilution Factor: 5

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

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

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

Analysis Batch No.: 186329 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	12	U	12	2.7
75-45-6	Chlorodifluoromethane	86.47	8.8	U	8.8	2.1
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	7.0	U	7.0	1.7
74-87-3	Chloromethane	50.49	5.2	U	5.2	1.5
106-97-8	n-Butane	58.12	5.9	U	5.9	2.4
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.27
106-99-0	1,3-Butadiene	54.09	2.2	U	2.2	0.43
74-83-9	Bromomethane	94.94	3.9	U	3.9	1.4
75-00-3	Chloroethane	64.52	6.6	U	6.6	2.4
593-60-2	Bromoethene (Vinyl Bromide)	106.96	4.4	U	4.4	1.1
75-69-4	Trichlorofluoromethane	137.37	5.6	U	5.6	1.4
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	7.7	U	7.7	2.0
75-35-4	1,1-Dichloroethene	96.94	0.70	U	0.70	0.52
67-64-1	Acetone	58.08	20	J D	59	19
67-63-0	Isopropyl alcohol	60.10	61	U **	61	20
75-15-0	Carbon disulfide	76.14	7.9	D	7.8	2.0
107-05-1	3-Chloropropene	76.53	7.8	U	7.8	1.9
75-09-2	Methylene Chloride	84.93	8.7	U	8.7	3.1
75-65-0	tert-Butyl alcohol	74.12	76	U	76	18
1634-04-4	Methyl tert-butyl ether	88.15	3.6	U	3.6	0.65
156-60-5	trans-1,2-Dichloroethene	96.94	4.0	U	4.0	0.46
110-54-3	n-Hexane	86.17	8.8	U	8.8	1.9
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.51
78-93-3	Methyl Ethyl Ketone	72.11	7.4	U	7.4	7.2
156-59-2	cis-1,2-Dichloroethene	96.94	10	U	10	0.42
540-59-0	1,2-Dichloroethene, Total	96.94	7.9	U	7.9	2.0
67-66-3	Chloroform	119.38	230	D	4.9	1.0
109-99-9	Tetrahydrofuran	72.11	74	U	74	19
71-55-6	1,1,1-Trichloroethane	133.41	5.5	U	5.5	1.2
110-82-7	Cyclohexane	84.16	3.4	U	3.4	1.0
56-23-5	Carbon tetrachloride	153.81	1.1	U	1.1	0.69

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: SV-1 DL Lab Sample ID: 200-65967-1 DL

Matrix: Air Lab File ID: 200-53537-022.D

Analysis Method: TO-15 Date Collected: 12/01/2022 13:50

Sample wt/vol: 40 (mL) Date Analyzed: 12/06/2022 00:54

Soil Aliquot Vol: _____ Dilution Factor: 5

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

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

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

Analysis Batch No.: 186329 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	4.7	U	4.7	0.89
71-43-2	Benzene	78.11	0.83	J D	3.2	0.70
107-06-2	1,2-Dichloroethane	98.96	4.0	U	4.0	1.9
142-82-5	n-Heptane	100.21	4.1	U	4.1	1.1
79-01-6	Trichloroethene	131.39	36	D	0.94	0.67
80-62-6	Methyl methacrylate	100.12	10	U	10	2.9
78-87-5	1,2-Dichloropropane	112.99	4.6	U	4.6	2.2
123-91-1	1,4-Dioxane	88.11	90	U	90	23
75-27-4	Bromodichloromethane	163.83	6.7	U	6.7	1.7
10061-01-5	cis-1,3-Dichloropropene	110.97	4.5	U	4.5	1.0
108-10-1	methyl isobutyl ketone	100.16	4.6	J D	10	2.7
108-88-3	Toluene	92.14	2.1	J D	3.8	0.79
10061-02-6	trans-1,3-Dichloropropene	110.97	4.5	U	4.5	1.2
79-00-5	1,1,2-Trichloroethane	133.41	5.5	U	5.5	2.0
127-18-4	Tetrachloroethene	165.83	23	D	6.8	0.71
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10	U	10	3.1
124-48-1	Dibromochloromethane	208.28	8.5	U	8.5	2.7
106-93-4	1,2-Dibromoethane	187.87	7.7	U	7.7	1.6
108-90-7	Chlorobenzene	112.56	4.6	U	4.6	1.0
100-41-4	Ethylbenzene	106.17	1.3	J D	4.3	1.1
179601-23-1	m,p-Xylene	106.17	11	U	11	2.1
95-47-6	Xylene, o-	106.17	4.3	U	4.3	1.1
1330-20-7	Xylene (total)	106.17	15	U	15	2.4
100-42-5	Styrene	104.15	4.3	U	4.3	1.3
75-25-2	Bromoform	252.75	10	U	10	6.2
98-82-8	Cumene	120.19	4.9	U	4.9	1.0
79-34-5	1,1,2,2-Tetrachloroethane	167.85	6.9	U	6.9	1.5
103-65-1	n-Propylbenzene	120.19	4.9	U	4.9	1.2
622-96-8	4-Ethyltoluene	120.20	4.9	U	4.9	1.2
108-67-8	1,3,5-Trimethylbenzene	120.20	4.9	U	4.9	1.2
95-49-8	2-Chlorotoluene	126.59	5.2	U	5.2	1.2
98-06-6	tert-Butylbenzene	134.22	5.5	U	5.5	1.3

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: SV-1 DL Lab Sample ID: 200-65967-1 DL
 Matrix: Air Lab File ID: 200-53537-022.D
 Analysis Method: TO-15 Date Collected: 12/01/2022 13:50
 Sample wt/vol: 40 (mL) Date Analyzed: 12/06/2022 00:54
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 186329 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	120.20	4.9	U	4.9	2.0
135-98-8	sec-Butylbenzene	134.22	5.5	U	5.5	1.2
99-87-6	4-Isopropyltoluene	134.22	5.5	U	5.5	1.7
541-73-1	1,3-Dichlorobenzene	147.00	6.0	U	6.0	2.2
106-46-7	1,4-Dichlorobenzene	147.00	6.0	U	6.0	2.7
100-44-7	Benzyl chloride	126.58	5.2	U	5.2	2.3
104-51-8	n-Butylbenzene	134.22	5.5	U	5.5	3.0
95-50-1	1,2-Dichlorobenzene	147.00	6.0	U	6.0	2.0
120-82-1	1,2,4-Trichlorobenzene	181.45	19	U	19	12
87-68-3	Hexachlorobutadiene	260.76	11	U	11	5.9
91-20-3	Naphthalene	128.17	13	U	13	7.9

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

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-65967-1</u>
SDG No.: _____	
Client Sample ID: <u>SV-1 DL</u>	Lab Sample ID: <u>200-65967-1 DL</u>
Matrix: <u>Air</u>	Lab File ID: <u>200-53537-022.D</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>12/01/2022 13:50</u>
Sample wt/vol: <u>40 (mL)</u>	Date Analyzed: <u>12/06/2022 00:54</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>5</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>186329</u>	Units: <u>ppb v/v</u>
Number TICs Found: <u>0</u>	TIC Result Total: <u>0</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-022.D
 Lims ID: 200-65967-A-1
 Client ID: SV-1
 Sample Type: Client
 Inject. Date: 06-Dec-2022 00:54:30 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 200.000 mL Dil. Factor: 5.0000
 Sample Info: 200-0053537-022
 Misc. Info.: 65967-1dl
 Operator ID: vtp Instrument ID: CHG.i
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 06-Dec-2022 14:25:05 Calib Date: 22-Nov-2022 00:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1686

First Level Reviewer: puangmaleek

Date: 06-Dec-2022 14:25:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.174	3.171	0.005	99	4877	0.0659	
3 Chlorodifluoromethane	51	3.195	3.197	-0.001	95	1310	0.0423	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393				ND	MU
5 Chloromethane	50		3.474				ND	7
6 Vinyl chloride	62		3.682				ND	
7 Butane	43	3.682	3.684	0.000	88	3710	0.1888	
8 Butadiene	54		3.757				ND	
9 Bromomethane	94		4.260				ND	
10 Chloroethane	64		4.453				ND	
12 Vinyl bromide	106		4.779				ND	
13 Trichlorofluoromethane	101	4.902	4.910	-0.005	95	2138	0.0307	
18 1,1-Dichloroethene	96		5.806				ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoro	101		5.838				ND	7
19 Acetone	43	5.956	5.884	0.075	100	28571	1.66	
22 Isopropyl alcohol	45		6.138				ND	MU
23 Carbon disulfide	76	6.197	6.195	0.006	98	25952	0.5094	
25 3-Chloro-1-propene	41		6.448				ND	7
26 Methylene Chloride	49		6.662				ND	7
27 2-Methyl-2-propanol	59	7.101	6.885	0.219	40	2821	0.0989	
29 trans-1,2-Dichloroethene	61		7.149				ND	
30 Methyl tert-butyl ether	73		7.165				ND	
31 Hexane	57	7.662	7.656	0.010	52	880	0.0487	
32 1,1-Dichloroethane	63		7.898				ND	
34 2-Butanone (MEK)	72	8.952	8.882	0.080	100	2751	0.4575	
35 cis-1,2-Dichloroethene	96		8.888				ND	7
* 37 Chlorobromomethane	128	9.310	9.305	0.005	73	227713	10.0	
38 Tetrahydrofuran	42		9.374				ND	7
39 Chloroform	83	9.497	9.498	0.005	97	451732	9.40	
S 43 1,2-Dichloroethene, Total	61		9.665				ND	7
40 1,1,1-Trichloroethane	97		9.813				ND	
41 Cyclohexane	84		9.963				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
42 Carbon tetrachloride	117		10.107				ND	
44 Benzene	78	10.498	10.498	0.016	25	3211	0.0520	M
45 1,2-Dichloroethane	62		10.562				ND	
46 Isooctane	57		10.733				ND	
47 n-Heptane	43		11.076				ND	MU
* 48 1,4-Difluorobenzene	114	11.300	11.300	0.000	93	1134271	10.0	
50 Trichloroethene	95	11.782	11.793	-0.005	98	59385	1.33	
51 1,2-Dichloropropane	63		12.290				ND	
54 Methyl methacrylate	69		12.418				ND	
55 1,4-Dioxane	88		12.461				ND	
56 Dichlorobromomethane	83	12.814	12.814	0.000	93	2457	0.0387	
58 cis-1,3-Dichloropropene	75		13.702				ND	
59 4-Methyl-2-pentanone (MIBK)	43	14.093	14.023	0.070	94	8639	0.2269	
60 Toluene	92	14.408	14.408	0.005	90	5353	0.1131	M
65 trans-1,3-Dichloropropene	75		14.858				ND	
66 1,1,2-Trichloroethane	83		15.254				ND	7
67 Tetrachloroethene	166	15.462	15.468	-0.006	99	46412	0.6709	
68 2-Hexanone	43		15.735				ND	7
69 Chlorodibromomethane	129		16.040				ND	
70 Ethylene Dibromide	107		16.292				ND	
* 71 Chlorobenzene-d5	117	17.265	17.265	0.000	83	1043742	10.0	
72 Chlorobenzene	112		17.329				ND	
73 Ethylbenzene	91	17.543	17.538	0.000	97	6011	0.0579	
74 m-Xylene & p-Xylene	106		17.822				ND	
76 o-Xylene	106	18.645	18.645	0.016	95	2027	0.0474	M
77 Styrene	104		18.667				ND	
78 Bromoform	173		19.036				ND	
79 Isopropylbenzene	105		19.389				ND	
S 82 Xylenes, Total	106				0		0.0474	
80 1,1,2,2-Tetrachloroethane	83		19.940				ND	7
83 N-Propylbenzene	91		20.154				ND	
84 2-Chlorotoluene	91		20.299				ND	
85 4-Ethyltoluene	105		20.363				ND	7
86 1,3,5-Trimethylbenzene	105		20.464				ND	7
89 tert-Butylbenzene	119		20.962				ND	7
90 1,2,4-Trimethylbenzene	105		21.053				ND	7
91 sec-Butylbenzene	105		21.304				ND	7
92 1,3-Dichlorobenzene	146		21.475				ND	7
93 4-Isopropyltoluene	119		21.524				ND	7
94 1,4-Dichlorobenzene	146		21.620				ND	7
95 Benzyl chloride	91		21.775				ND	
97 n-Butylbenzene	91		22.091				ND	
96 1,2-Dichlorobenzene	146		22.117				ND	7
100 1,2,4-Trichlorobenzene	180		24.578				ND	7
101 Hexachlorobutadiene	225		24.830				ND	7
102 Naphthalene	128		25.060				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15GIS_00019

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-022.D

Injection Date: 06-Dec-2022 00:54:30

Instrument ID: CHG.i

Operator ID: vtp

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Worklist Smp#: 22

Client ID: SV-1

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

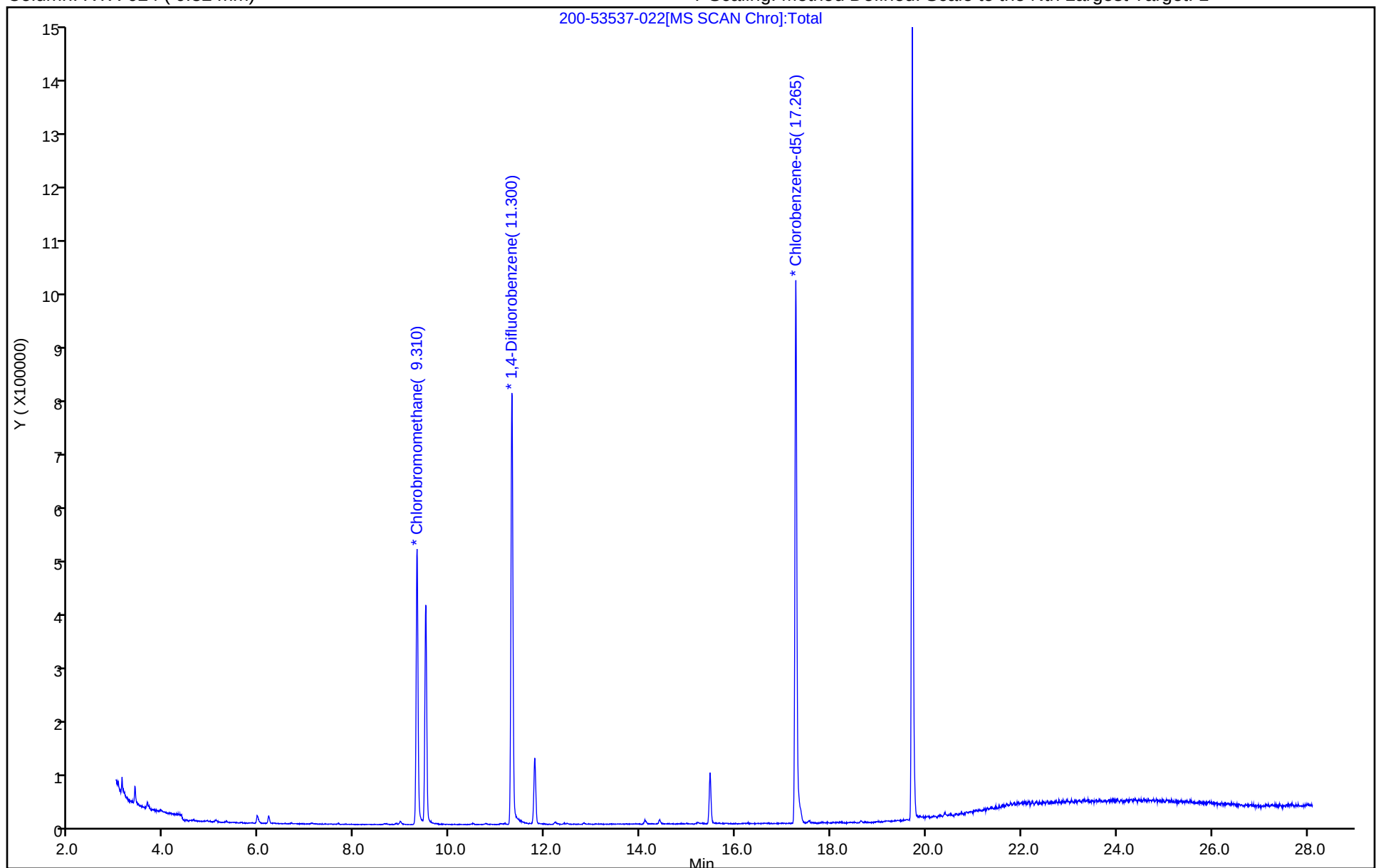
ALS Bottle#: 21

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

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



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-022.D

Injection Date: 06-Dec-2022 00:54:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 200.000 mL

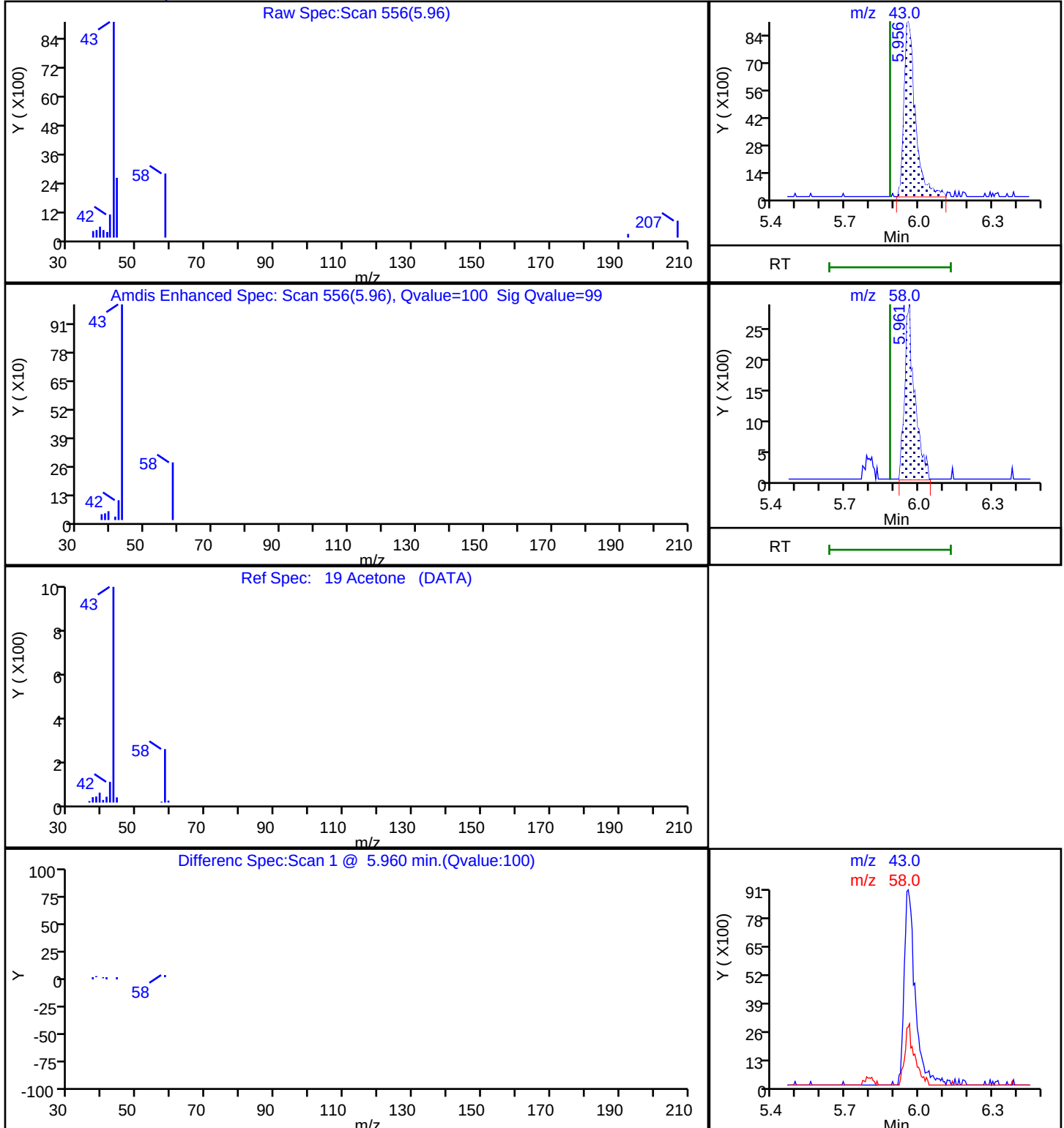
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-022.D

Injection Date: 06-Dec-2022 00:54:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 200.000 mL

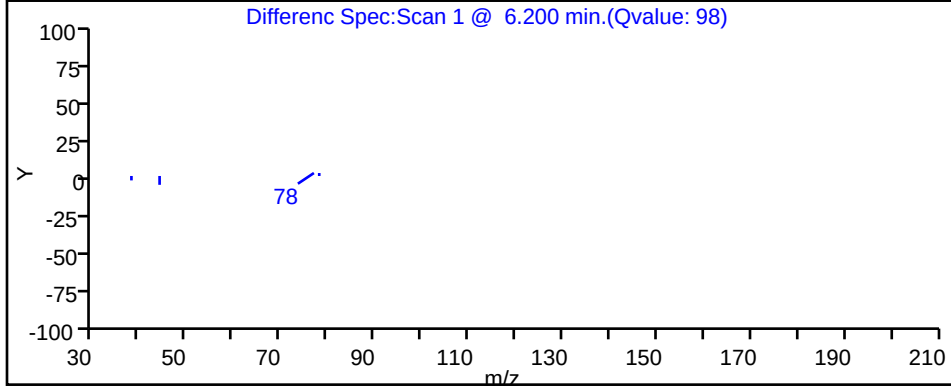
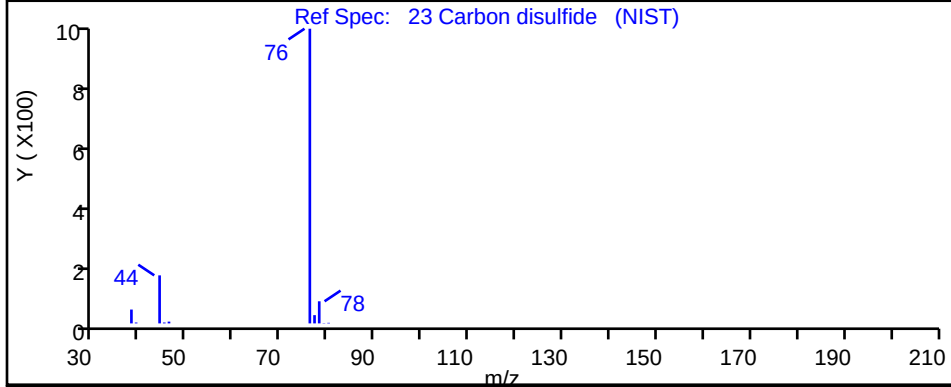
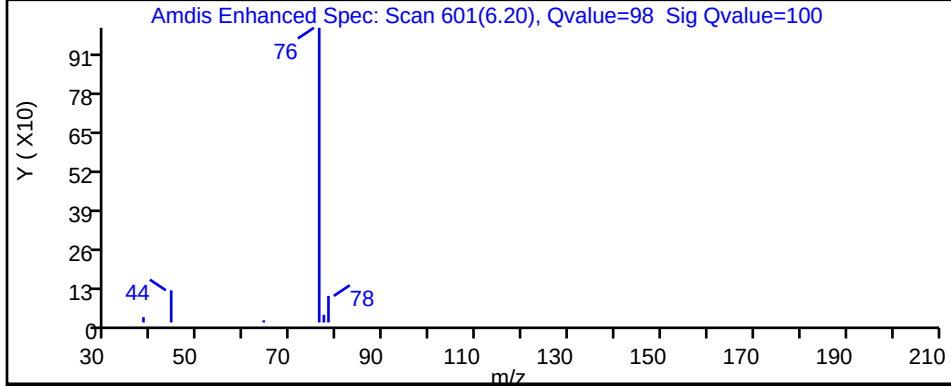
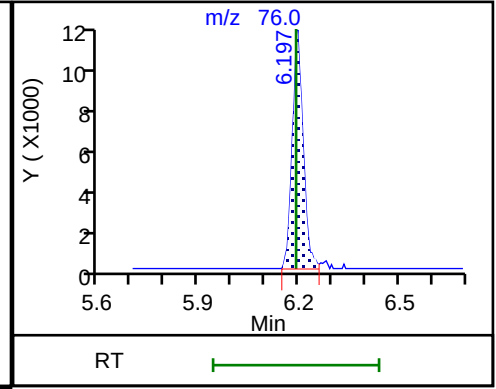
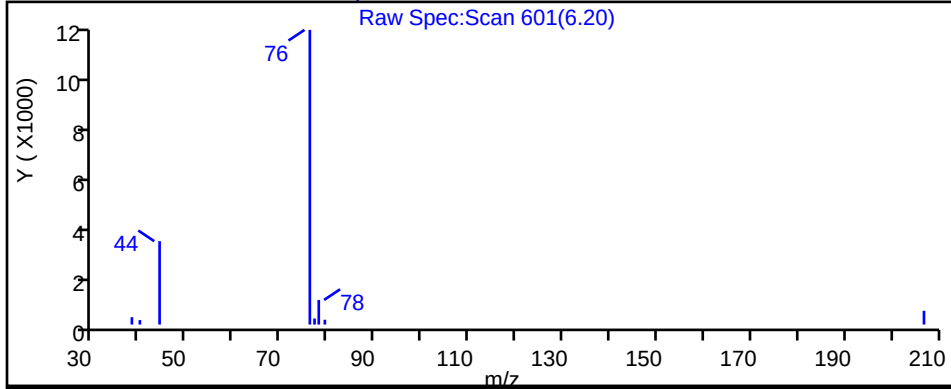
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 Carbon disulfide, CAS: 75-15-0

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-022.D

Injection Date: 06-Dec-2022 00:54:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 200.000 mL

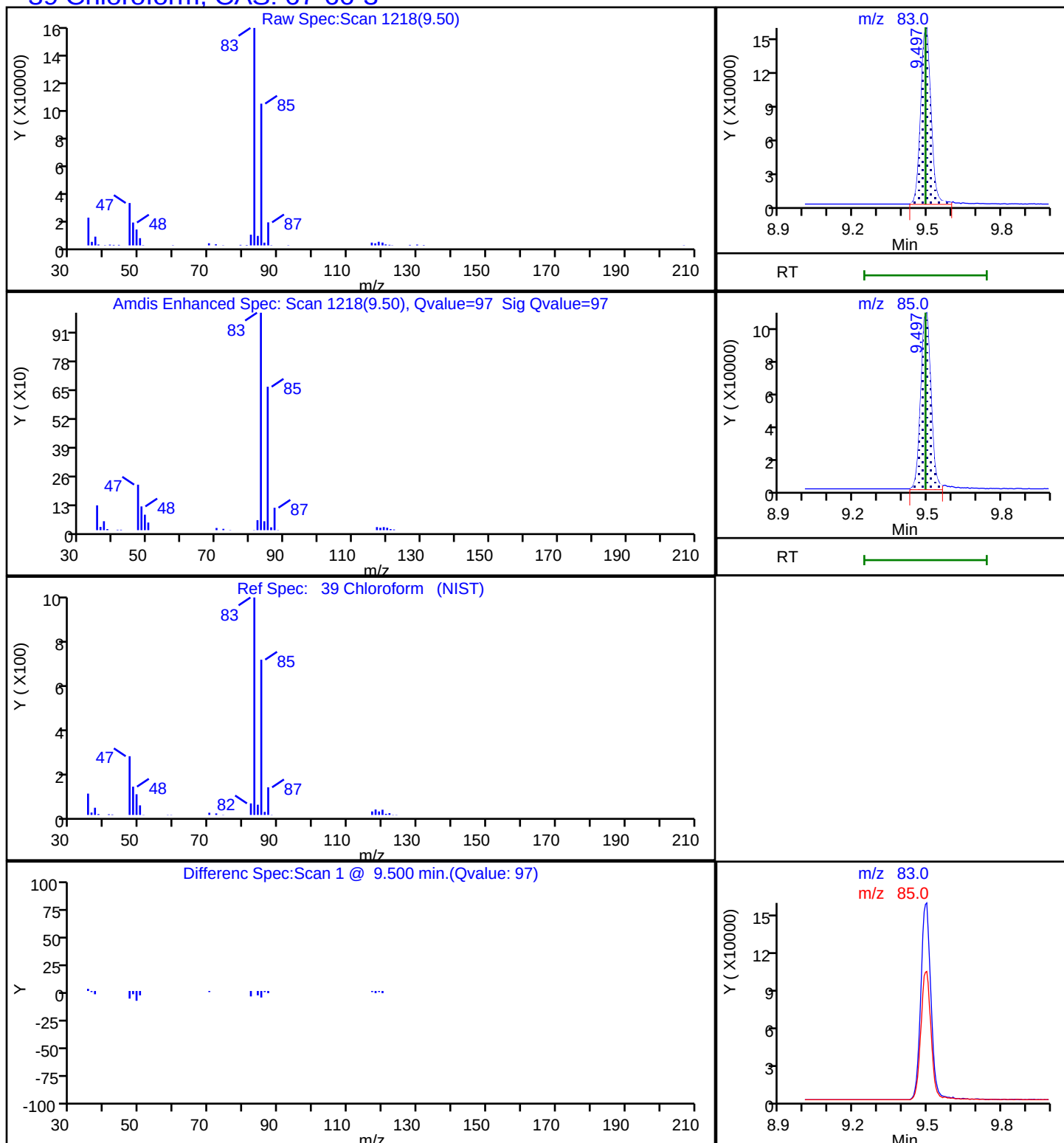
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

39 Chloroform, CAS: 67-66-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-022.D

Injection Date: 06-Dec-2022 00:54:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 200.000 mL

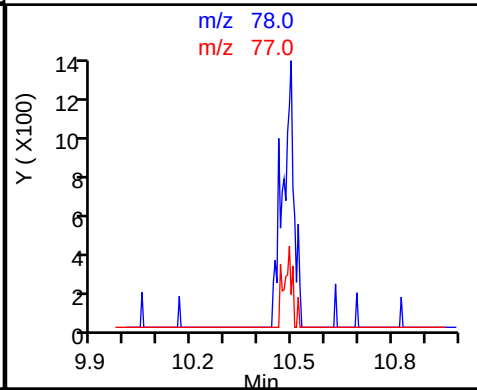
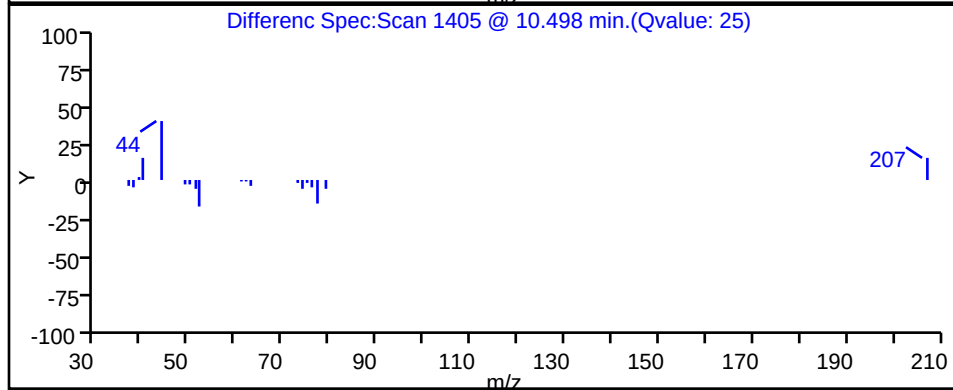
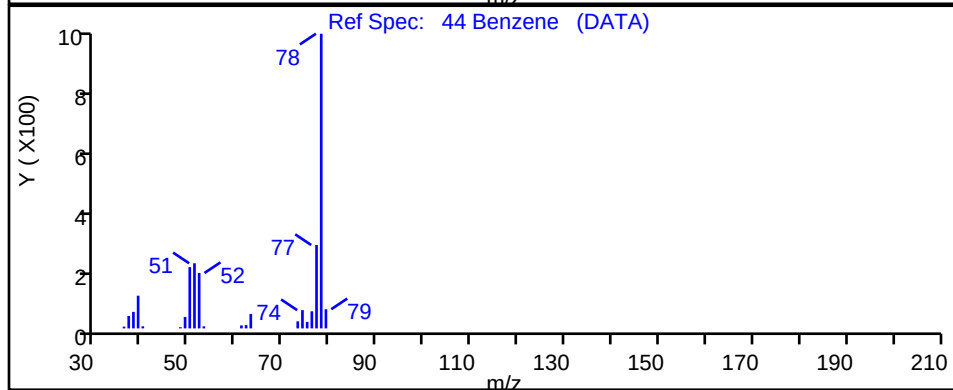
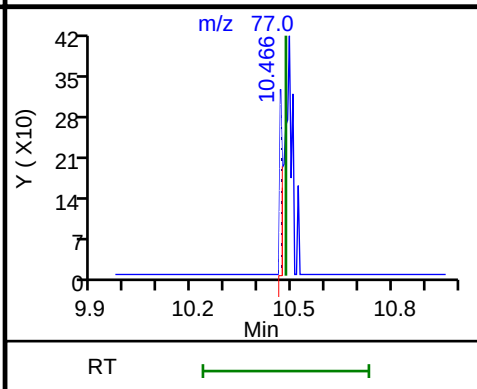
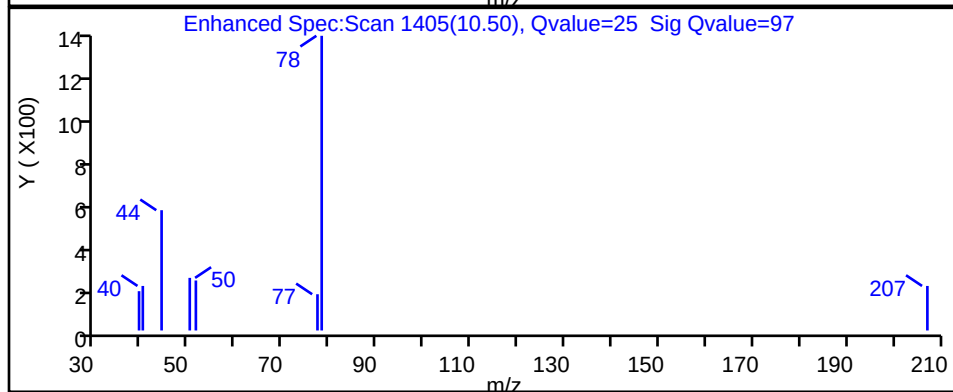
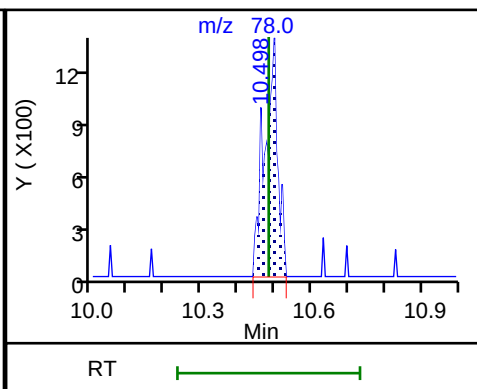
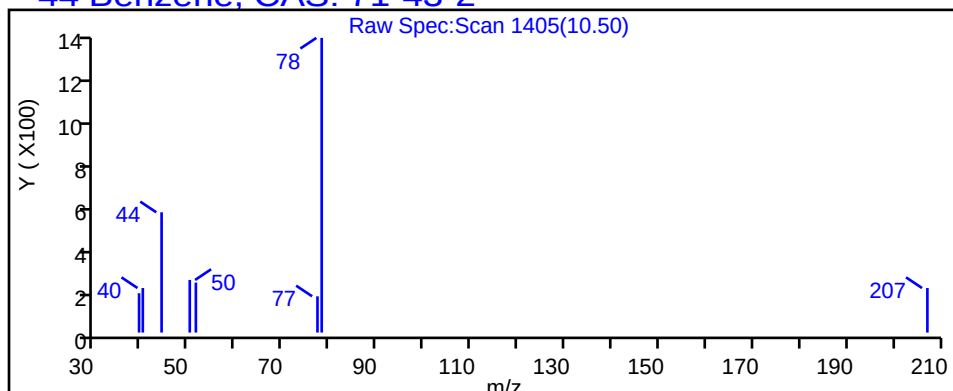
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Benzene, CAS: 71-43-2

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-022.D

Injection Date: 06-Dec-2022 00:54:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 200.000 mL

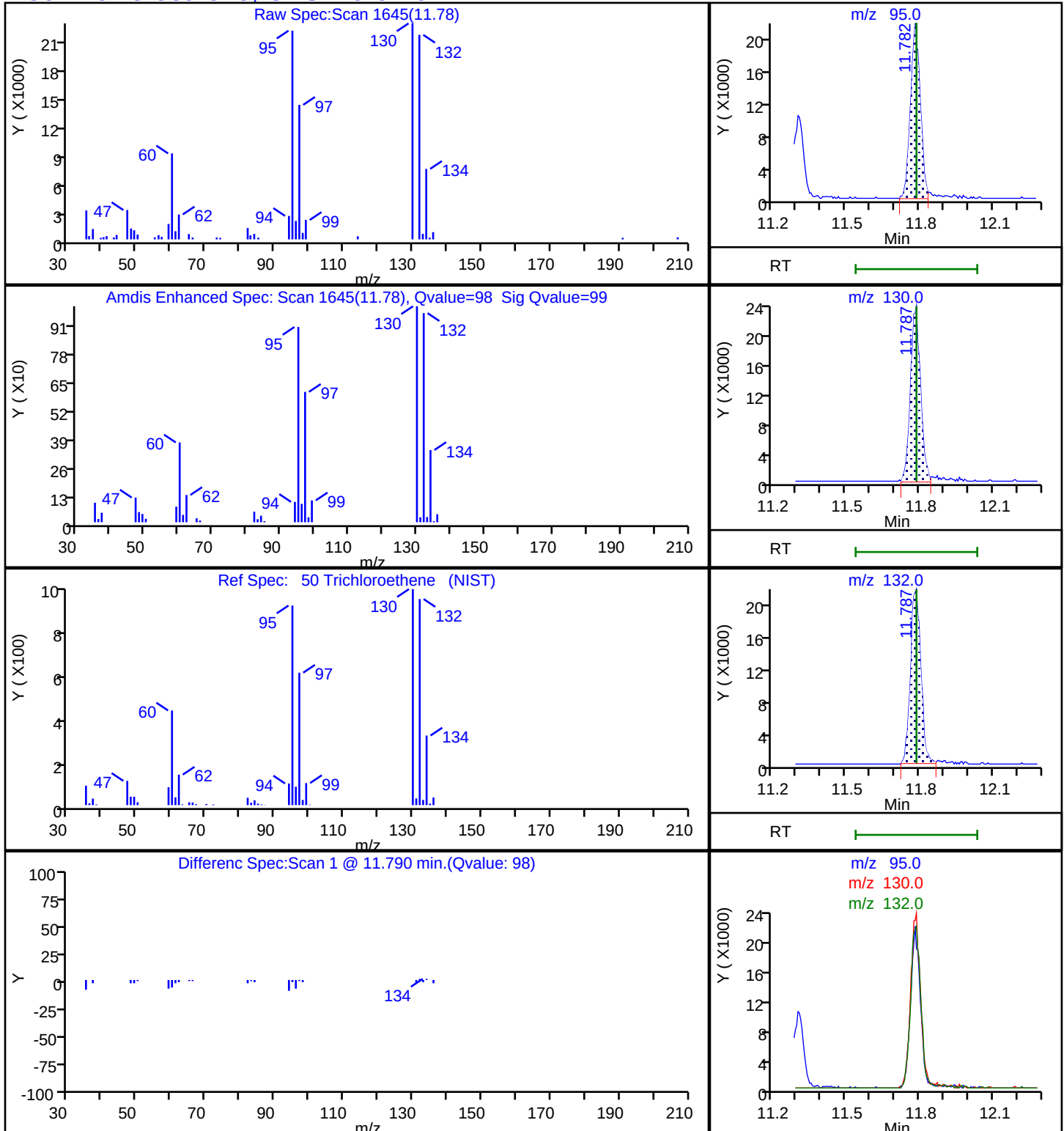
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Trichloroethene, CAS: 79-01-6

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-022.D

Injection Date: 06-Dec-2022 00:54:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

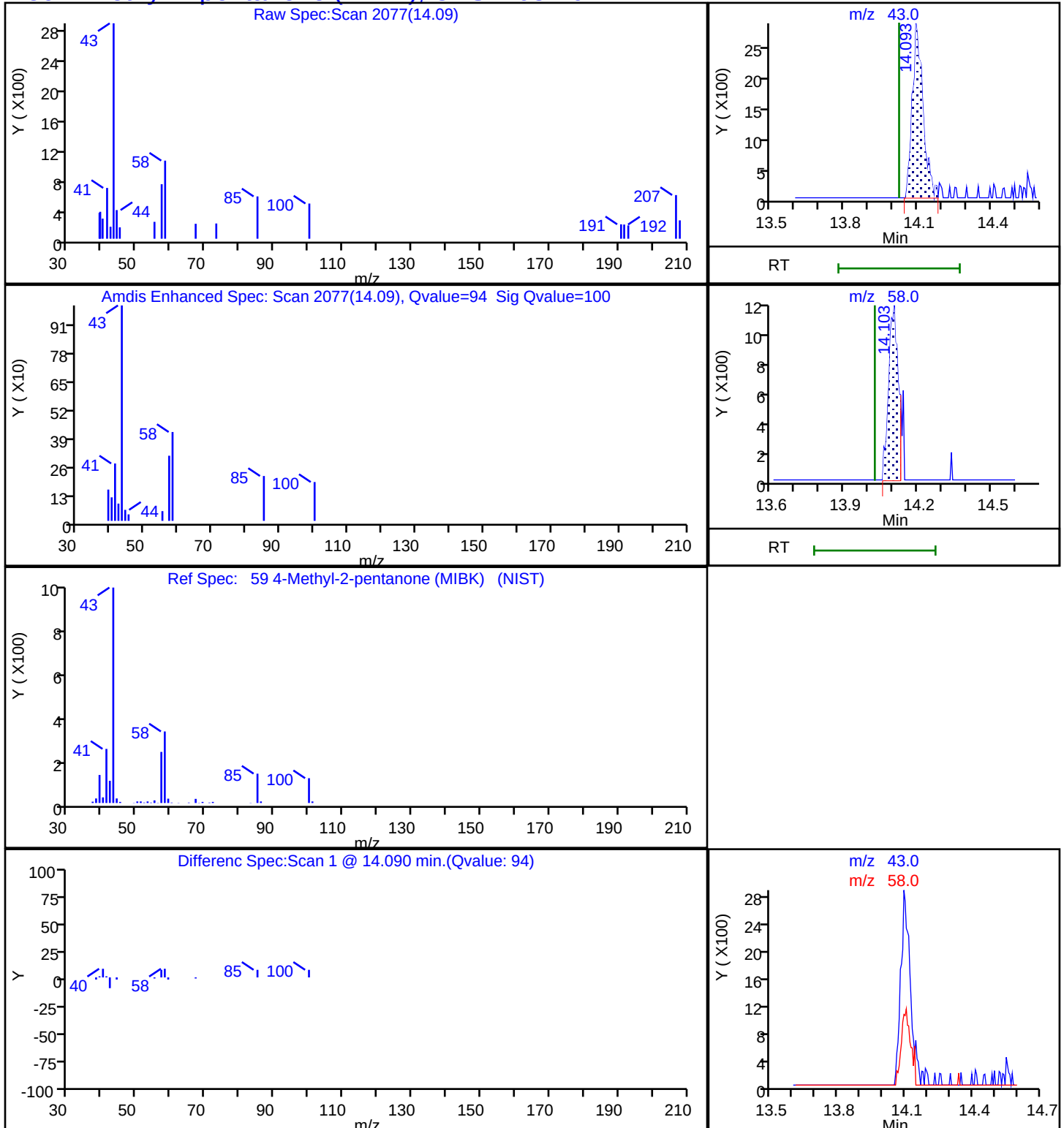
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

59 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-022.D

Injection Date: 06-Dec-2022 00:54:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 200.000 mL

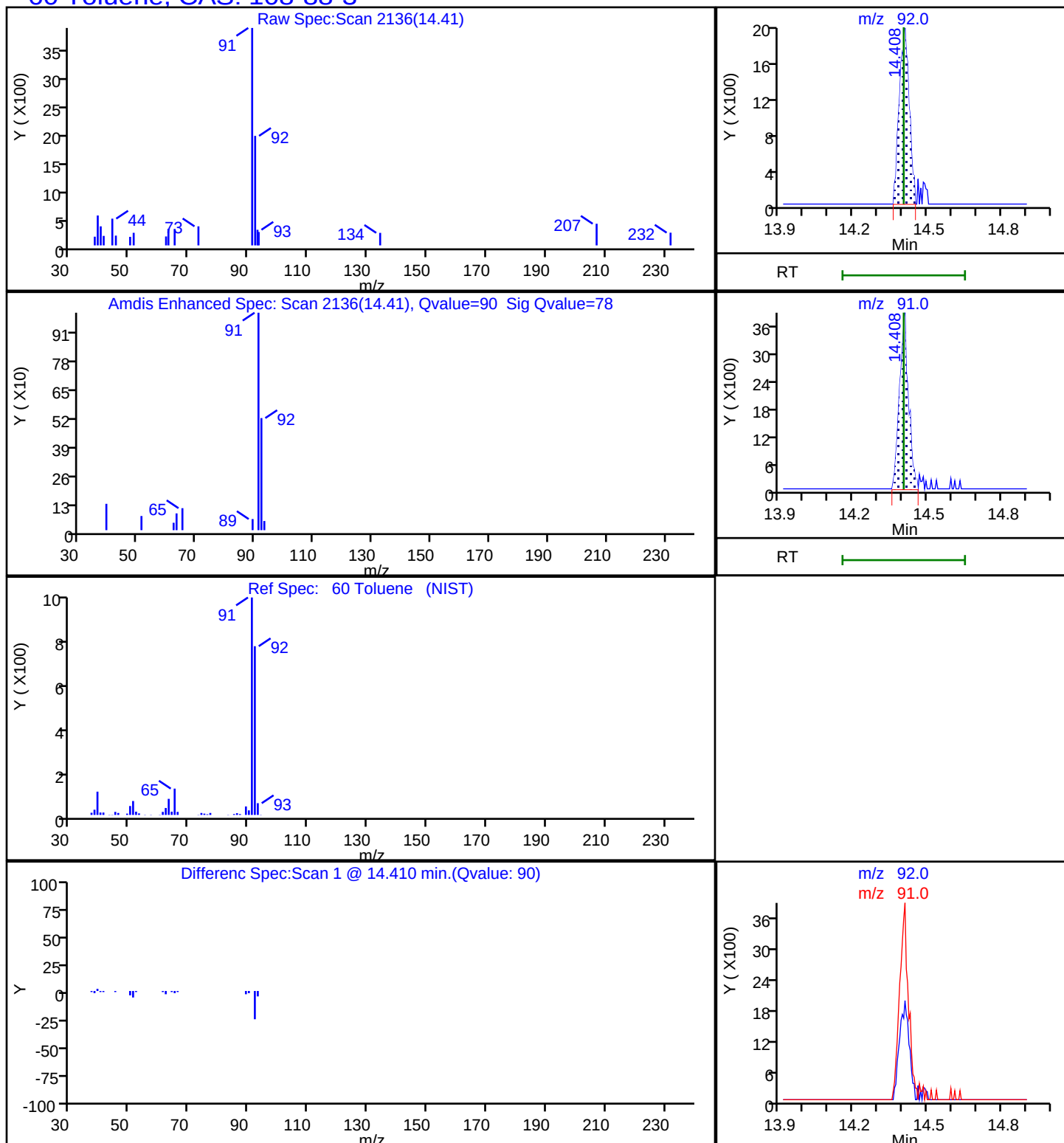
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

60 Toluene, CAS: 108-88-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-022.D

Injection Date: 06-Dec-2022 00:54:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 200.000 mL

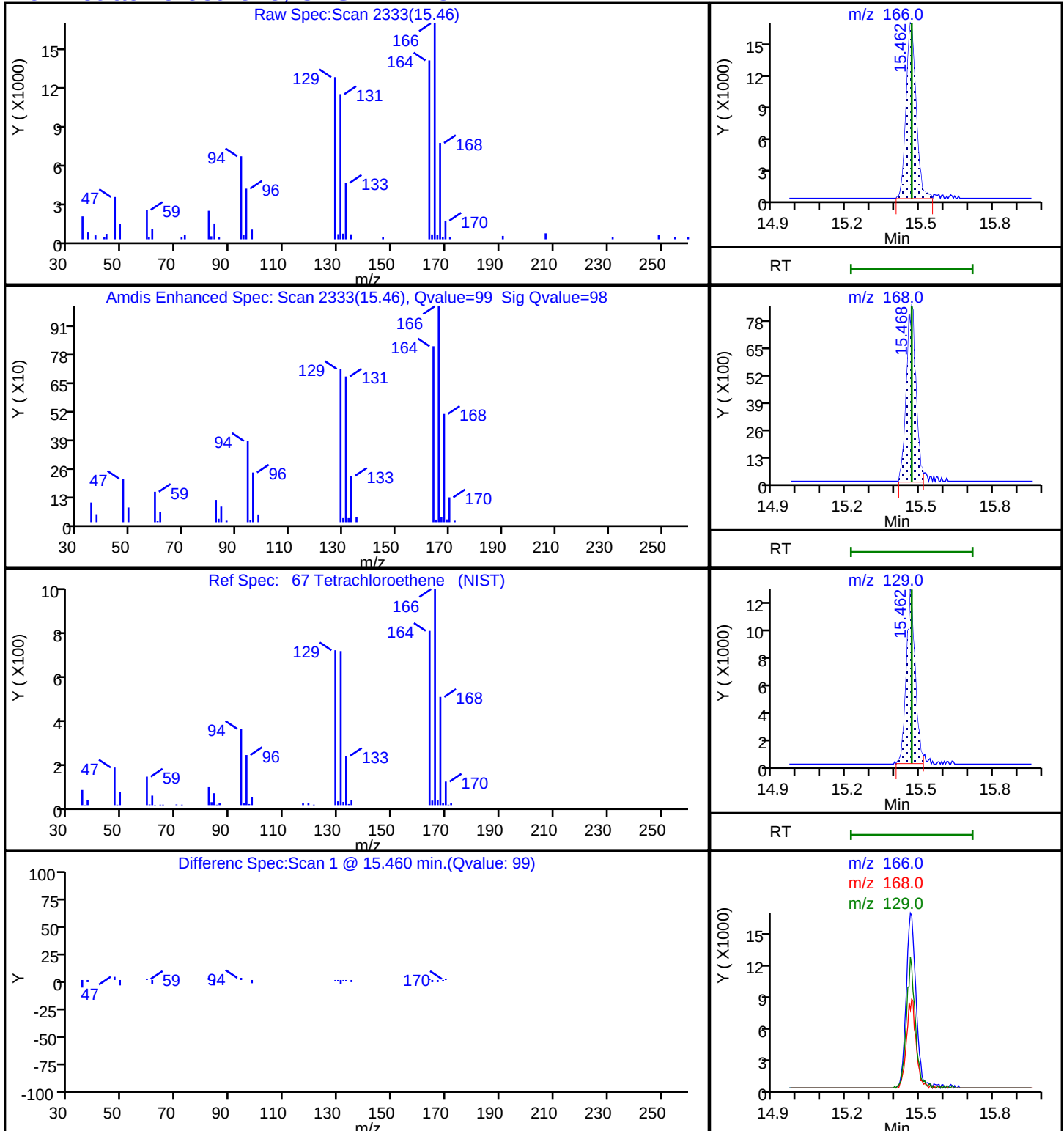
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

67 Tetrachloroethene, CAS: 127-18-4

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-022.D

Injection Date: 06-Dec-2022 00:54:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

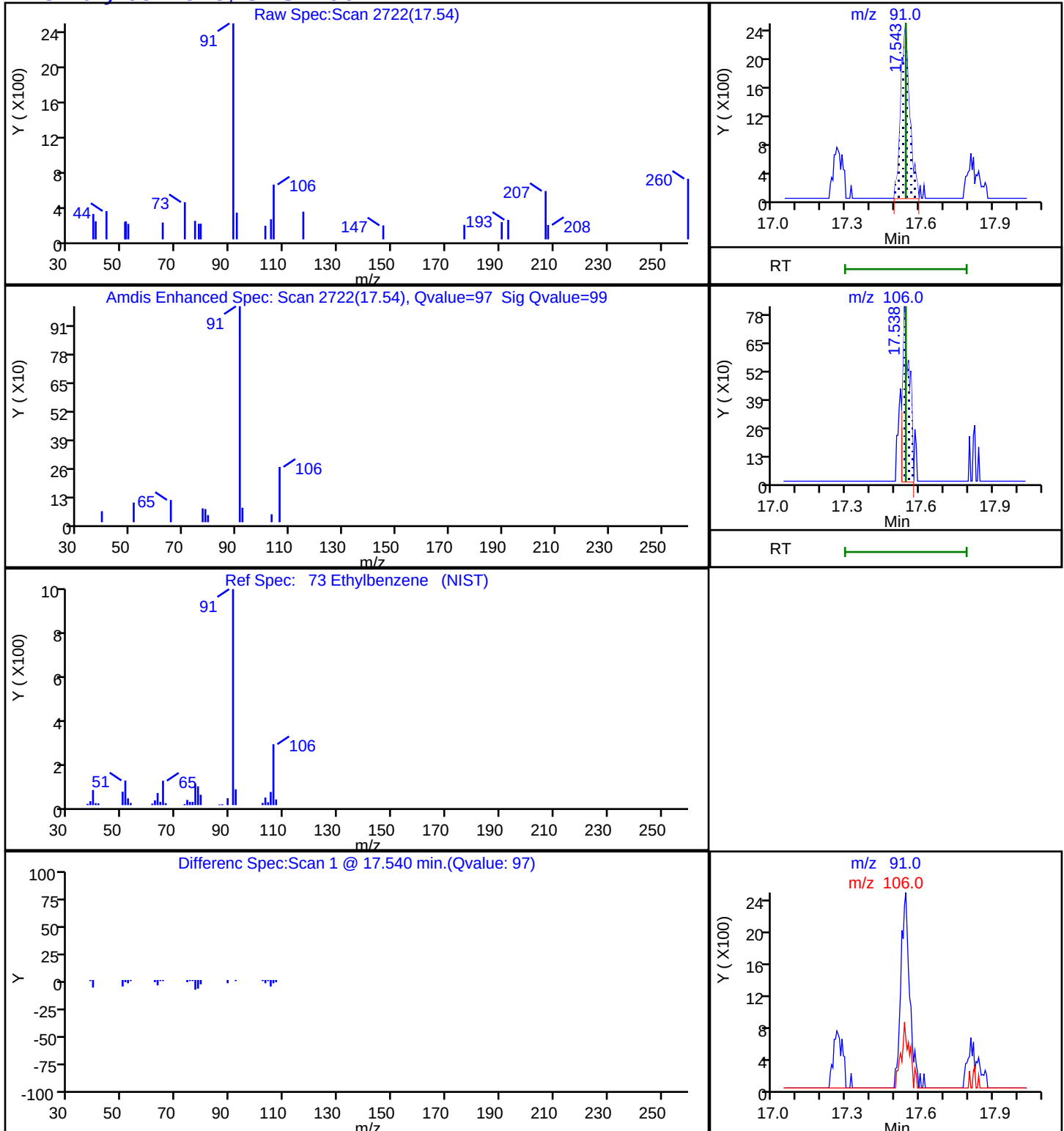
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

73 Ethylbenzene, CAS: 100-41-4



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-022.D

Injection Date: 06-Dec-2022 00:54:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#:

21

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

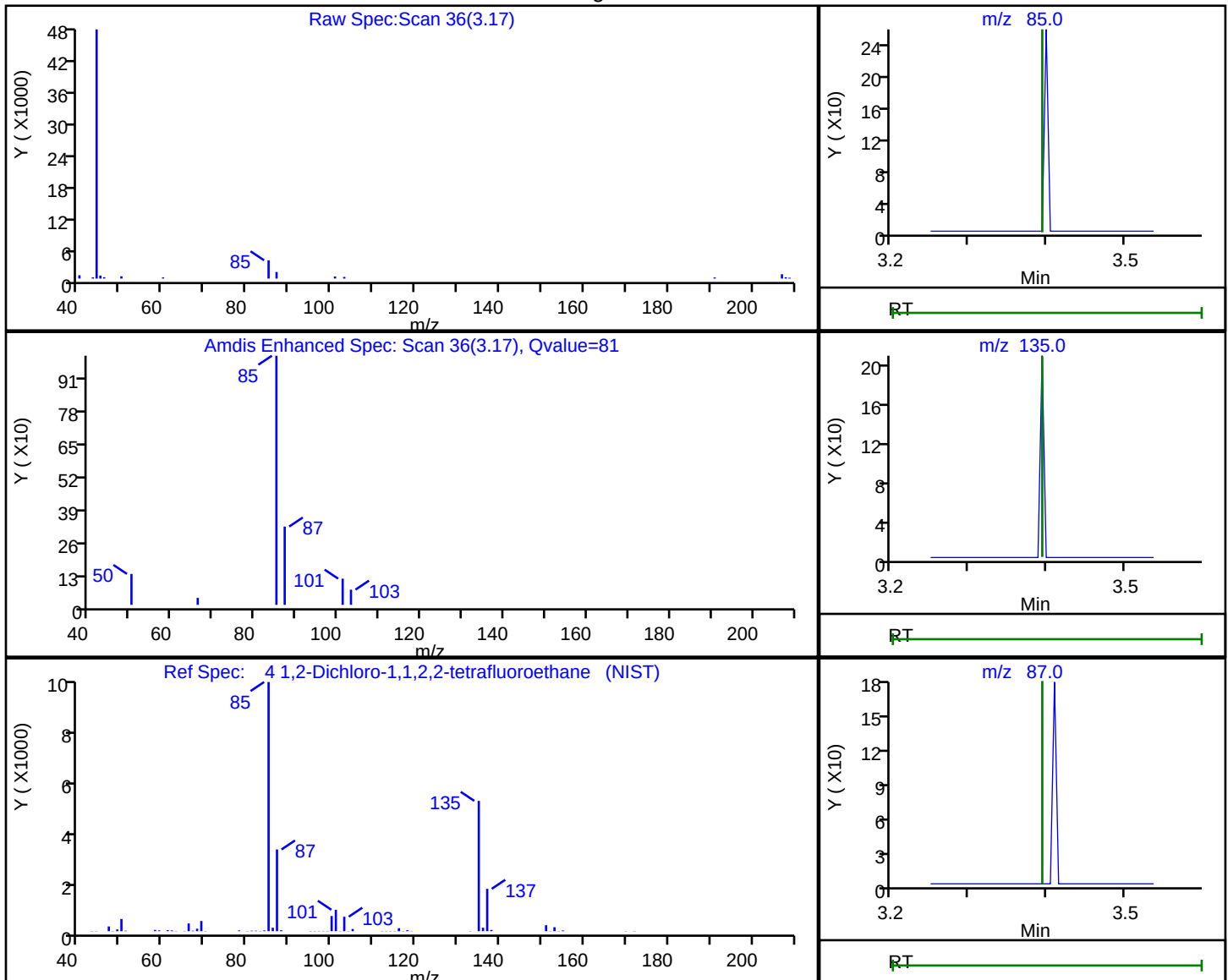
Limit Group: AI_TO15_ICAL

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
3.17	85.00	4877	0.074994
3.39	135.00	0	
3.17	87.00	1675	

Reviewer: puangmaleek, 06-Dec-2022 14:23:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-022.D

Injection Date: 06-Dec-2022 00:54:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

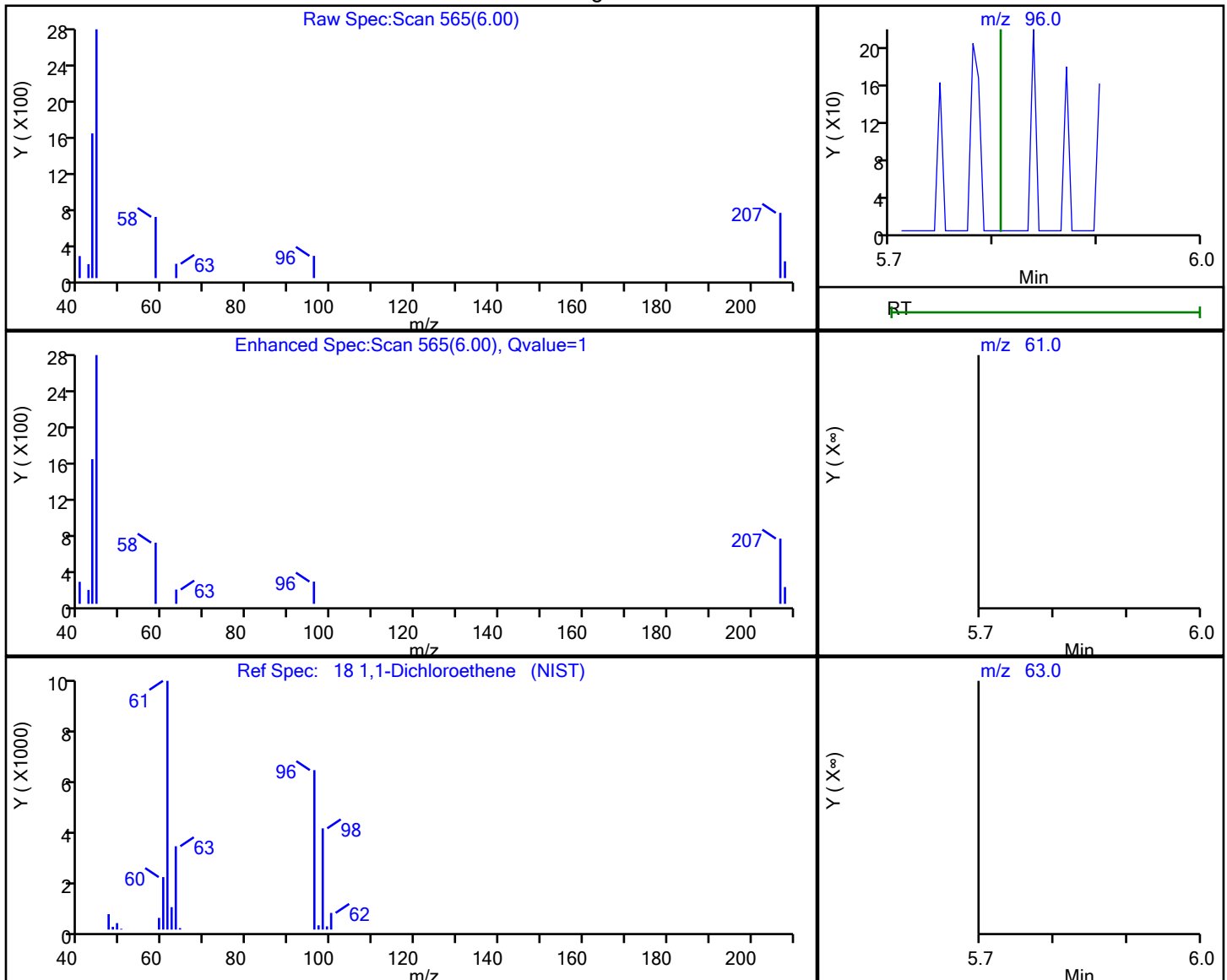
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

18 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
6.00	96.00	131	0.006236
5.81	61.00	0	
5.81	63.00	0	

Reviewer: puangmaleek, 06-Dec-2022 14:23:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-022.D

Injection Date: 06-Dec-2022 00:54:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#:

21

Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

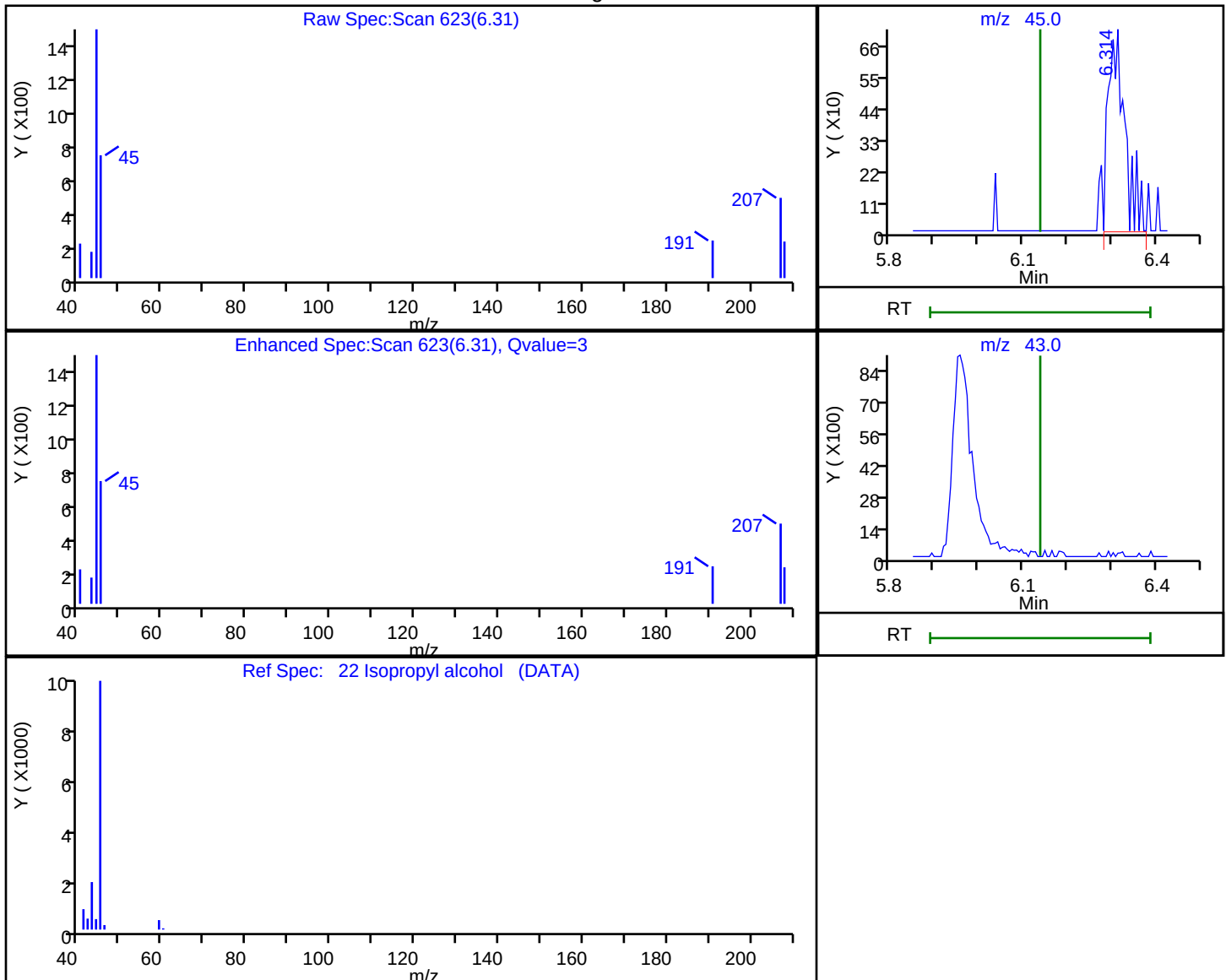
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

22 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
6.31	45.00	1847	0.089934
6.14	43.00	0	

Reviewer: puangmaleek, 06-Dec-2022 14:23:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

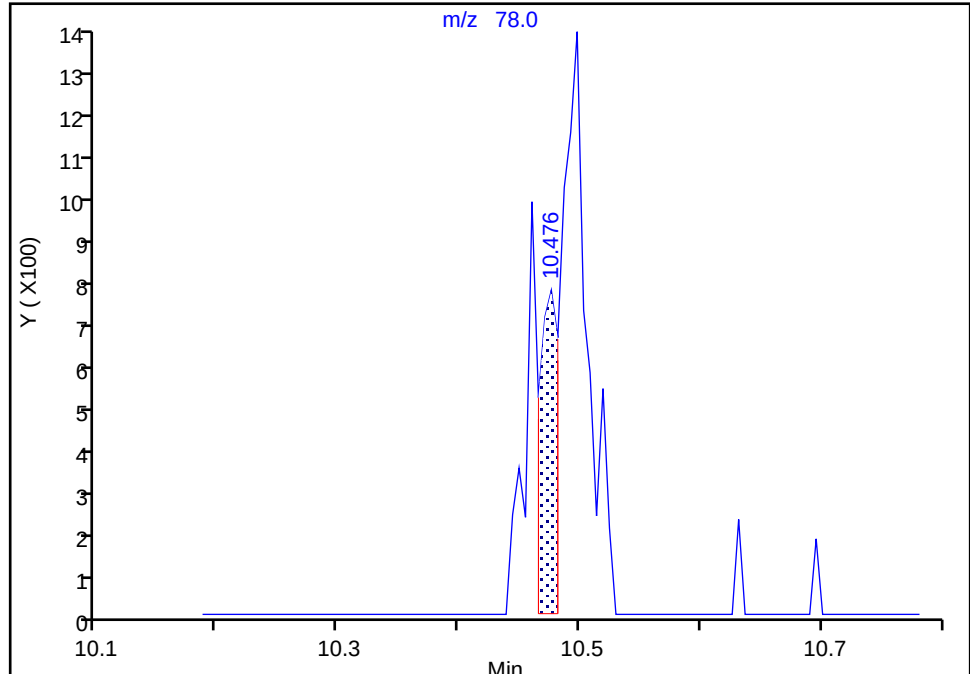
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-022.D
Injection Date: 06-Dec-2022 00:54:30 Instrument ID: CHG.i
Lims ID: 200-65967-A-1 Lab Sample ID: 200-65967-1
Client ID: SV-1
Operator ID: vtp ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 5.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

44 Benzene, CAS: 71-43-2

Signal: 1

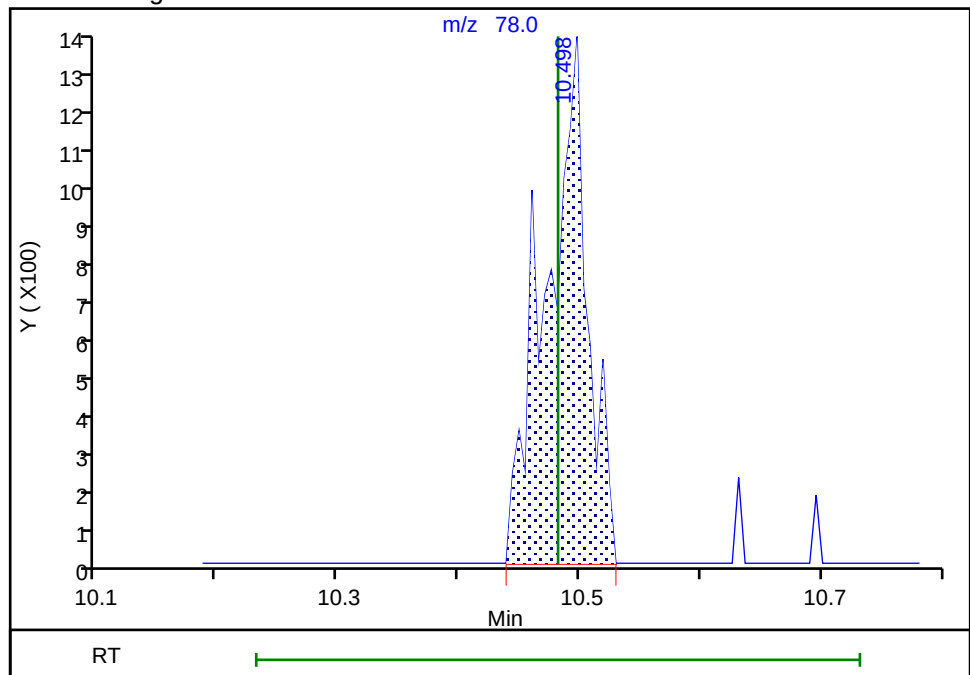
RT: 10.48
Area: 828
Amount: 0.013411
Amount Units: ppb v/v

Processing Integration Results



RT: 10.50
Area: 3211
Amount: 0.052010
Amount Units: ppb v/v

Manual Integration Results



Reviewer: puangmaleek, 06-Dec-2022 14:24:13

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-022.D

Injection Date: 06-Dec-2022 00:54:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-1

Lab Sample ID: 200-65967-1

Client ID: SV-1

Operator ID: vtp

ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

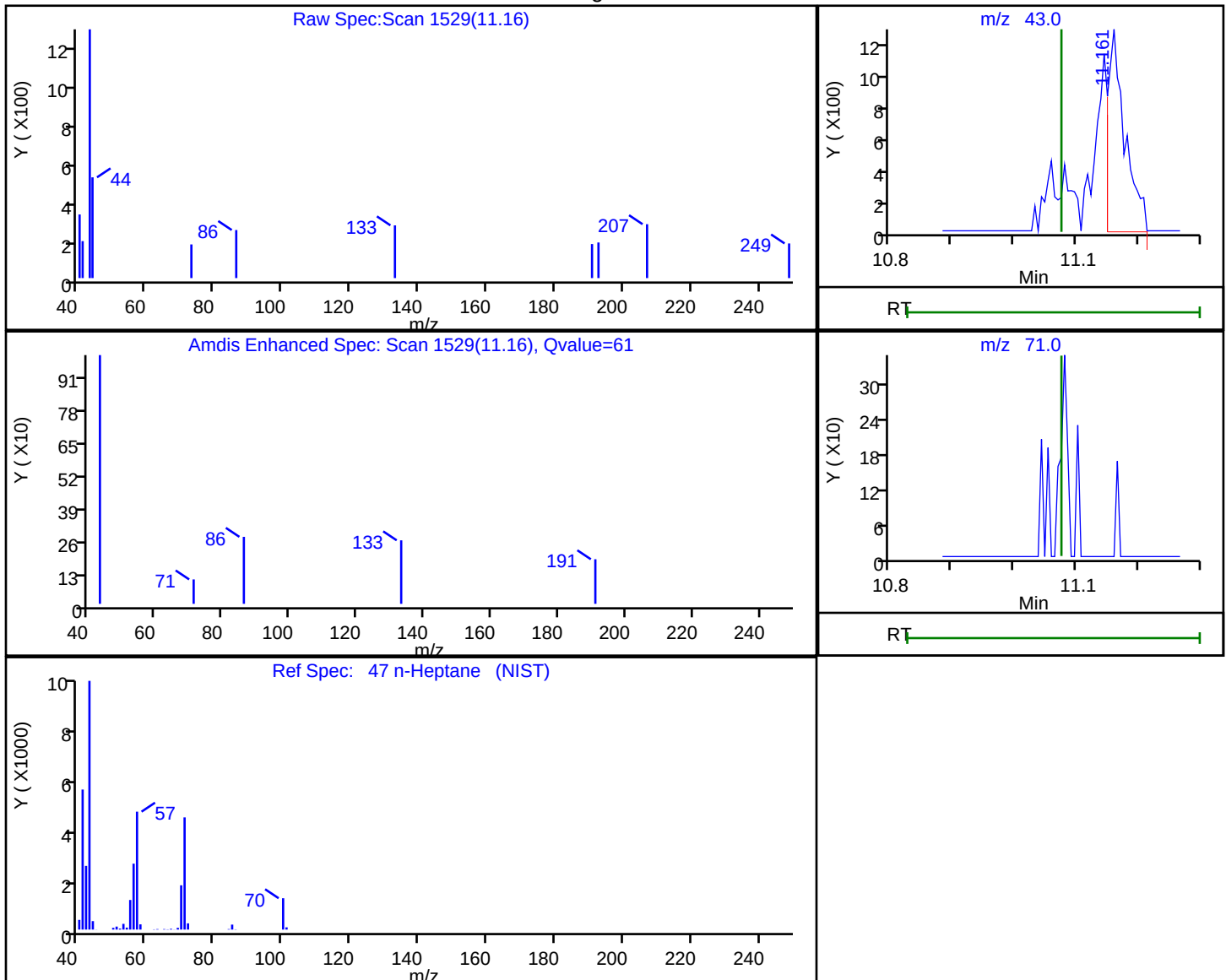
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
11.16	43.00	2409	0.078558
11.08	71.00	0	

Reviewer: puangmaleek, 06-Dec-2022 14:24:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

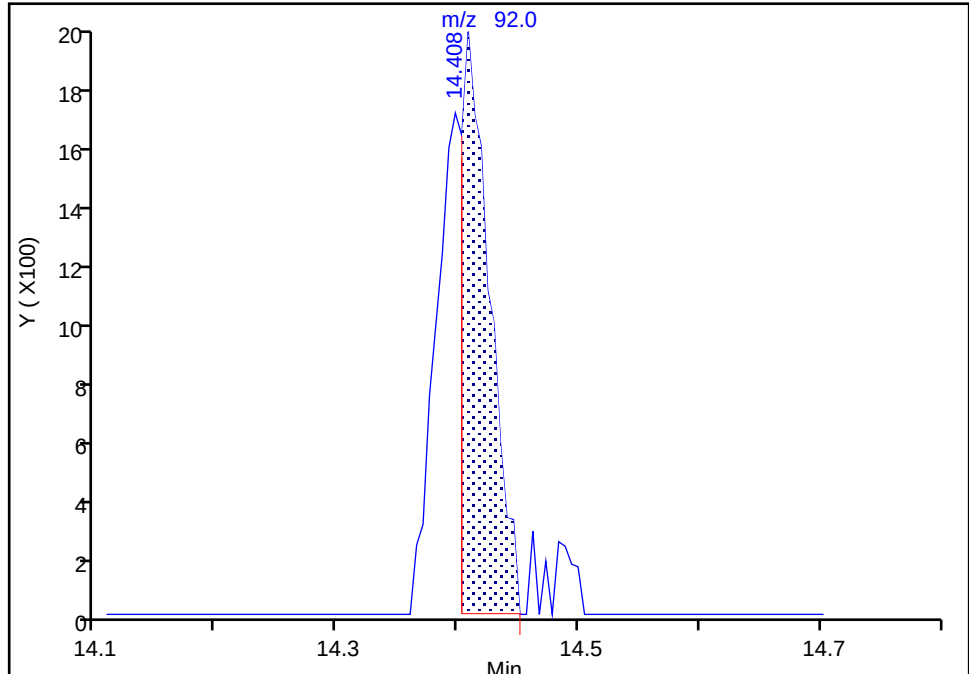
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-022.D		
Injection Date:	06-Dec-2022 00:54:30	Instrument ID:	CHG.i
Lims ID:	200-65967-A-1	Lab Sample ID:	200-65967-1
Client ID:	SV-1		
Operator ID:	vtp	ALS Bottle#:	21
Purge Vol:	200.000 mL	Dil. Factor:	5.0000
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	22

60 Toluene, CAS: 108-88-3

Signal: 1

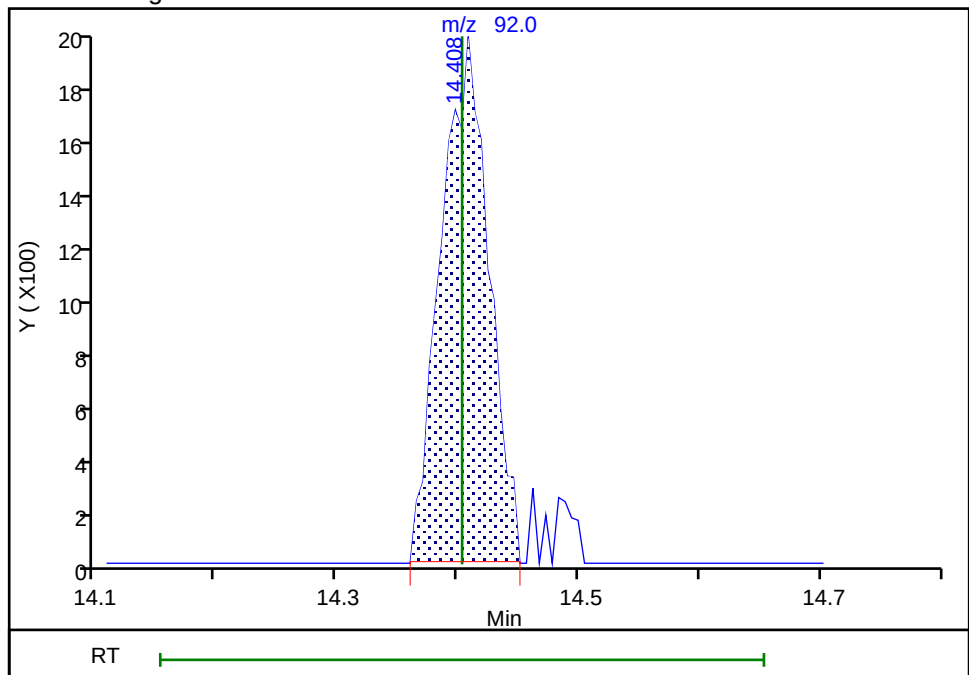
RT: 14.41
Area: 3227
Amount: 0.068156
Amount Units: ppb v/v

Processing Integration Results



RT: 14.41
Area: 5353
Amount: 0.113058
Amount Units: ppb v/v

Manual Integration Results



Reviewer: puangmaleek, 06-Dec-2022 14:24:34

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

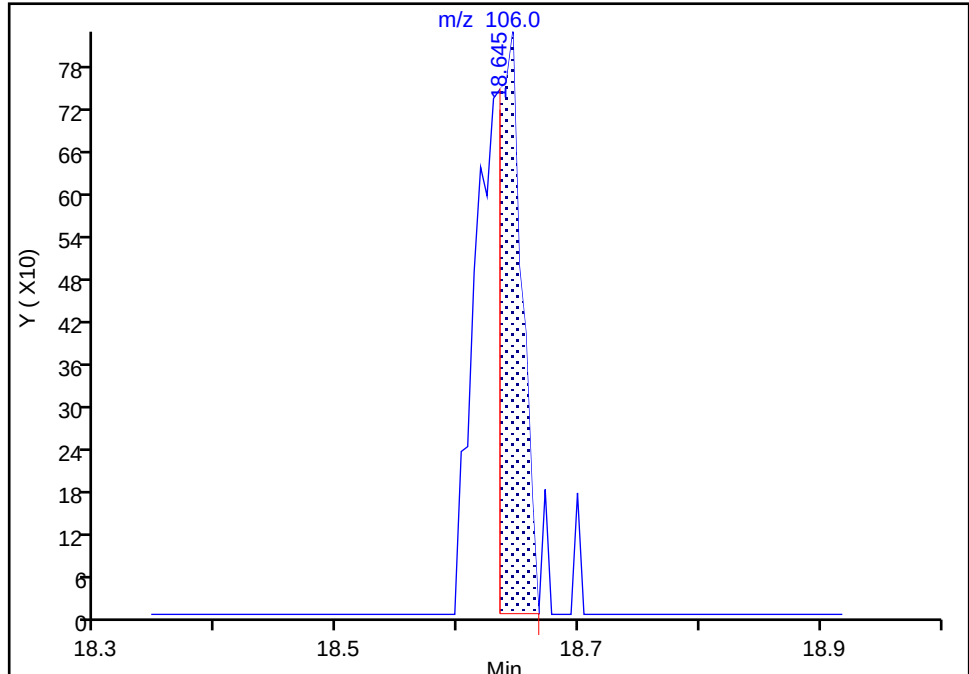
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-022.D				
Injection Date:	06-Dec-2022 00:54:30	Instrument ID:	CHG.i		
Lims ID:	200-65967-A-1	Lab Sample ID:	200-65967-1		
Client ID:	SV-1				
Operator ID:	vtp	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN		

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

Signal: 1

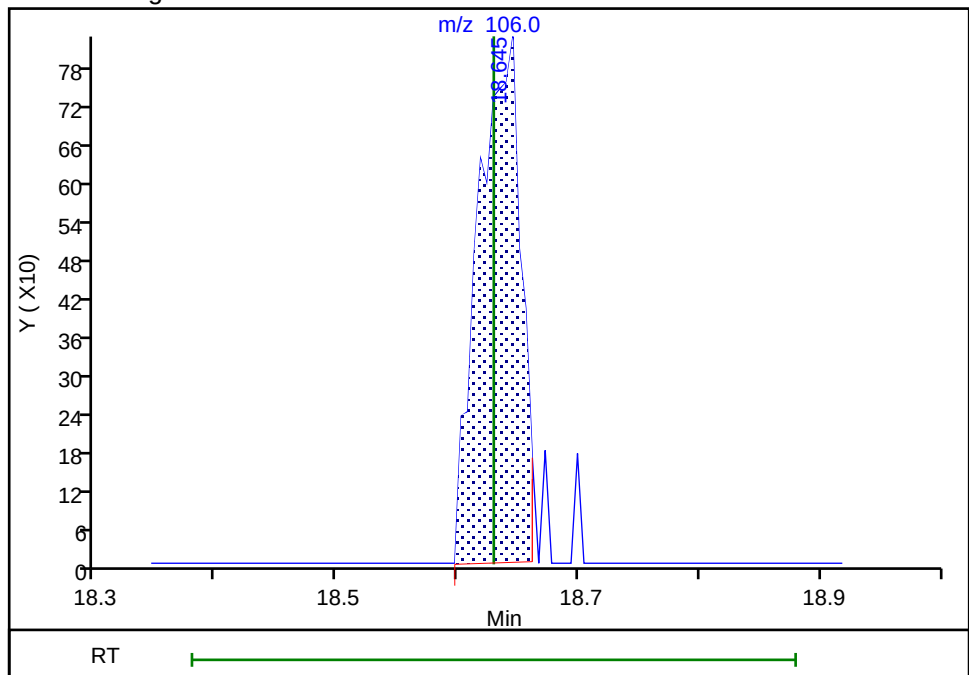
RT: 18.65
Area: 1092
Amount: 0.025534
Amount Units: ppb v/v

Processing Integration Results



RT: 18.65
Area: 2027
Amount: 0.047397
Amount Units: ppb v/v

Manual Integration Results



Reviewer: puangmaleek, 06-Dec-2022 14:24:47

Audit Action: Manually Integrated

Audit Reason: Assign Peak

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: SV-2 Lab Sample ID: 200-65967-2

Matrix: Air Lab File ID: 200-53537-023.D

Analysis Method: TO-15 Date Collected: 12/01/2022 13:52

Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 01:46

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.: 186329 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.39	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.19	J	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.15
106-97-8	n-Butane	58.12	190	E	0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	2.3		0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.24		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.064	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	42	E	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	5.0	U *+	5.0	1.6
75-15-0	Carbon disulfide	76.14	1.8		0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	1.6	J	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	39		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone	72.11	6.4		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.50	U	0.50	0.021
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.10
67-66-3	Chloroform	119.38	11		0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	3.5		0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	10		0.20	0.038

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: SV-2 Lab Sample ID: 200-65967-2
 Matrix: Air Lab File ID: 200-53537-023.D
 Analysis Method: TO-15 Date Collected: 12/01/2022 13:52
 Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 01:46
 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.: 186329 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	26		0.20	0.044
107-06-2	1,2-Dichloroethane	98.96	1.7		0.20	0.093
142-82-5	n-Heptane	100.21	11		0.20	0.055
79-01-6	Trichloroethene	131.39	18		0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	methyl isobutyl ketone	100.16	0.65		0.50	0.13
108-88-3	Toluene	92.14	40	E	0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	29		0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	2.1		0.20	0.052
179601-23-1	m,p-Xylene	106.17	7.0		0.50	0.095
95-47-6	Xylene, o-	106.17	2.2		0.20	0.052
1330-20-7	Xylene (total)	106.17	9.2		0.70	0.11
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.31		0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.15	J	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.18	J	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.23		0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.39		0.20	0.080

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: SV-2 Lab Sample ID: 200-65967-2
 Matrix: Air Lab File ID: 200-53537-023.D
 Analysis Method: TO-15 Date Collected: 12/01/2022 13:52
 Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 01:46
 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.: 186329 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: SV-2 Lab Sample ID: 200-65967-2
 Matrix: Air Lab File ID: 200-53537-023.D
 Analysis Method: TO-15 Date Collected: 12/01/2022 13:52
 Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 01:46
 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.: 186329 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	1.9	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	0.69	J	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.31
106-97-8	n-Butane	58.12	440	E	1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	5.2		0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.49	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	99	E	12	3.8
67-63-0	Isopropyl alcohol	60.10	12	U **	12	3.9
75-15-0	Carbon disulfide	76.14	5.7		1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	4.9	J	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	140		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone	72.11	19		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	2.0	U	2.0	0.083
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.40
67-66-3	Chloroform	119.38	56		0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	12		0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	47		0.93	0.18

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: SV-2 Lab Sample ID: 200-65967-2
 Matrix: Air Lab File ID: 200-53537-023.D
 Analysis Method: TO-15 Date Collected: 12/01/2022 13:52
 Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 01:46
 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.: 186329 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	83		0.64	0.14
107-06-2	1,2-Dichloroethane	98.96	7.0		0.81	0.38
142-82-5	n-Heptane	100.21	45		0.82	0.23
79-01-6	Trichloroethene	131.39	96		0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	methyl isobutyl ketone	100.16	2.7		2.0	0.53
108-88-3	Toluene	92.14	150	E	0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	200		1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	9.2		0.87	0.23
179601-23-1	m,p-Xylene	106.17	30		2.2	0.41
95-47-6	Xylene, o-	106.17	9.6		0.87	0.23
1330-20-7	Xylene (total)	106.17	40		3.0	0.48
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	1.5		0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.71	J	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.89	J	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	1.1		0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	1.9		0.98	0.39

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: SV-2 Lab Sample ID: 200-65967-2
 Matrix: Air Lab File ID: 200-53537-023.D
 Analysis Method: TO-15 Date Collected: 12/01/2022 13:52
 Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 01:46
 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.: 186329 Units: ug/m3

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

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

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-65967-1</u>
SDG No.: _____	
Client Sample ID: <u>SV-2</u>	Lab Sample ID: <u>200-65967-2</u>
Matrix: <u>Air</u>	Lab File ID: <u>200-53537-023.D</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>12/01/2022 13:52</u>
Sample wt/vol: <u>200 (mL)</u>	Date Analyzed: <u>12/06/2022 01:46</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>186329</u>	Units: <u>ppb v/v</u>
Number TICs Found: <u>10</u>	TIC Result Total: <u>294.5</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	4.61	88	J	
109-66-0	Pentane	5.07	51	J N	90%
2402-06-4	Cyclopropane, 1,2-dimethyl-, trans-	5.61	11	J N	90%
107-83-5	Pentane, 2-methyl-	6.74	56	J N	91%
	Unknown	7.18	22	J	
96-37-7	Cyclopentane, methyl-	8.74	17	J N	94%
591-76-4	Hexane, 2-methyl-	9.87	15	J N	87%
565-59-3	Pentane, 2,3-dimethyl-	10.04	8.9	J N	91%
589-34-4	Hexane, 3-methyl-	10.22	16	J N	87%
108-87-2	Cyclohexane, methyl-	12.26	9.6	J N	90%

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D
 Lims ID: 200-65967-A-2
 Client ID: SV-2
 Sample Type: Client
 Inject. Date: 06-Dec-2022 01:46:30 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053537-023
 Misc. Info.: 65967-2
 Operator ID: vtp Instrument ID: CHG.i
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 06-Dec-2022 07:57:19 Calib Date: 22-Nov-2022 00:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1684

First Level Reviewer: BKZ7

Date: 06-Dec-2022 07:57:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.169	3.171	0.000	99	28258	0.3917	
3 Chlorodifluoromethane	51	3.190	3.197	-0.006	95	5874	0.1945	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393				ND	MU
5 Chloromethane	50		3.474				ND	MU
6 Vinyl chloride	62		3.682				ND	
7 Butane	43	3.682	3.684	0.000	95	3554506	185.6	E
8 Butadiene	54	3.752	3.759	-0.005	96	24771	2.34	
9 Bromomethane	94		4.260				ND	
10 Chloroethane	64		4.453				ND	MU
12 Vinyl bromide	106		4.779				ND	
13 Trichlorofluoromethane	101	4.907	4.910	0.000	93	16571	0.2443	
18 1,1-Dichloroethene	96		5.806				ND	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	5.849	5.842	0.011	83	2818	0.0638	
19 Acetone	43	5.881	5.884	0.000	100	701168	41.8	E
22 Isopropyl alcohol	45		6.138				ND	MU
23 Carbon disulfide	76	6.191	6.195	0.000	99	90436	1.82	
25 3-Chloro-1-propene	41		6.448				ND	
26 Methylene Chloride	49		6.662				ND	MU
27 2-Methyl-2-propanol	59	6.946	6.885	0.064	95	44928	1.62	
29 trans-1,2-Dichloroethene	61		7.149				ND	MU
30 Methyl tert-butyl ether	73		7.165				ND	7
31 Hexane	57	7.657	7.656	0.005	88	689734	39.2	
32 1,1-Dichloroethane	63		7.898				ND	MU
34 2-Butanone (MEK)	72	8.893	8.876	0.021	99	37412	6.38	
35 cis-1,2-Dichloroethene	96		8.888				ND	MU
* 37 Chlorobromomethane	128	9.305	9.305	0.000	74	221934	10.0	
38 Tetrahydrofuran	42		9.374				ND	
39 Chloroform	83	9.492	9.497	0.000	97	537027	11.5	
S 43 1,2-Dichloroethene, Total	61		9.665				ND	7
40 1,1,1-Trichloroethane	97		9.813				ND	
41 Cyclohexane	84	9.963	9.967	0.000	93	77285	3.50	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
42 Carbon tetrachloride	117		10.107				ND	MU
44 Benzene	78	10.482	10.487	0.000	95	1410397	26.1	
45 1,2-Dichloroethane	62	10.557	10.567	-0.005	98	46553	1.74	
46 Isooctane	57	10.738	10.738	0.005	97	749752	10.2	
47 n-Heptane	43	11.075	11.081	-0.001	94	296754	11.0	
* 48 1,4-Difluorobenzene	114	11.300	11.300	0.000	93	993530	10.0	
50 Trichloroethene	95	11.782	11.793	-0.005	98	702384	17.9	
51 1,2-Dichloropropane	63		12.290				ND	MU
54 Methyl methacrylate	69		12.418				ND	MU
55 1,4-Dioxane	88		12.461				ND	7
56 Dichlorobromomethane	83		12.814				ND	MU
58 cis-1,3-Dichloropropene	75		13.702				ND	
59 4-Methyl-2-pentanone (MIBK)	43	14.055	14.030	0.032	93	21716	0.6512	
60 Toluene	92	14.403	14.403	0.000	94	1786225	40.1	E
65 trans-1,3-Dichloropropene	75		14.858				ND	
66 1,1,2-Trichloroethane	83		15.254				ND	MU
67 Tetrachloroethene	166	15.468	15.468	0.000	97	1916025	29.5	
68 2-Hexanone	43		15.735				ND	MU
69 Chlorodibromomethane	129		16.040				ND	
70 Ethylene Dibromide	107		16.292				ND	
* 71 Chlorobenzene-d5	117	17.265	17.265	0.000	83	980735	10.0	
72 Chlorobenzene	112		17.329				ND	
73 Ethylbenzene	91	17.538	17.543	-0.005	98	207672	2.13	
74 m-Xylene & p-Xylene	106	17.805	17.821	-0.017	0	270370	7.00	
76 o-Xylene	106	18.629	18.629	0.000	99	89159	2.22	
77 Styrene	104		18.667				ND	MU
78 Bromoform	173		19.036				ND	
79 Isopropylbenzene	105	19.389	19.389	0.000	96	32554	0.3082	
S 82 Xylenes, Total	106				0		9.22	
80 1,1,2,2-Tetrachloroethane	83		19.940				ND	MU
83 N-Propylbenzene	91	20.154	20.154	0.000	99	17157	0.1454	
84 2-Chlorotoluene	91		20.299				ND	MU
85 4-Ethyltoluene	105	20.363	20.363	0.000	98	18464	0.1817	
86 1,3,5-Trimethylbenzene	105	20.464	20.464	0.000	94	20014	0.2316	
89 tert-Butylbenzene	119		20.962				ND	7
90 1,2,4-Trimethylbenzene	105	21.053	21.053	0.000	84	34637	0.3866	
91 sec-Butylbenzene	105		21.304				ND	MU
92 1,3-Dichlorobenzene	146		21.475				ND	7
93 4-Isopropyltoluene	119		21.524				ND	MU
94 1,4-Dichlorobenzene	146		21.620				ND	7
95 Benzyl chloride	91		21.775				ND	
97 n-Butylbenzene	91		22.091				ND	
96 1,2-Dichlorobenzene	146		22.117				ND	7
100 1,2,4-Trichlorobenzene	180		24.578				ND	MU
101 Hexachlorobutadiene	225		24.830				ND	7
102 Naphthalene	128		25.060				ND	MU

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15GIS_00019

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington
Tentatively Identified Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D
 Lims ID: 200-65967-A-2
 Client ID: SV-2
 Sample Type: Client
 Inject. Date: 06-Dec-2022 01:46:30 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053537-023
 Misc. Info.: 65967-2
 Operator ID: vtp Instrument ID: CHG.i
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 06-Dec-2022 07:57:19 Calib Date: 22-Nov-2022 00:38:30
 Tic RT Window: 0.000 -0.000 Response: area
 Quant By: Nearest ISTD Quant LOD: 10.00000
 MS Library: \\chromfs\Burlington\Database\NIST20.L
 Min. Match: 1
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1684
 First Level Reviewer: BKZ7 Date: 06-Dec-2022 07:57:19

Tentative Identified Compound Results

RT	Area	Amount ppb v/v	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
Unknown								
4.613	11627565	88.2	37	0	0		0	
109-66-0 Pentane								
5.073	6716443	51.0	37	90	812	C5H12	72	
2402-06-4 Cyclopropane, 1,2-dimethyl-, trans-								
5.613	1418420	10.8	37	90	664	C5H10	70	
107-83-5 Pentane, 2-methyl-								
6.742	7345523	55.7	37	91	2047	C6H14	86	
Unknown								
7.181	2870217	21.8	37	0	0		0	
96-37-7 Cyclopentane, methyl-								
8.738	2192044	16.6	37	94	1659	C6H12	84	
591-76-4 Hexane, 2-methyl-								
9.872	2002937	15.2	37	87	4480	C7H16	100	
565-59-3 Pentane, 2,3-dimethyl-								
10.043	1170293	8.88	37	91	4492	C7H16	100	
589-34-4 Hexane, 3-methyl-								
10.220	2071983	15.7	37	87	4487	C7H16	100	
108-87-2 Cyclohexane, methyl-								
12.263	2398986	9.56	48	90	3813	C7H14	98	

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Quantitation Compounds

Compound	RT	Area	Amount ppb v/v
* 37 Chlorobromomethane	9.305	1318100	10.0
* 48 1,4-Difluorobenzene	11.300	2509186	10.0

QC Flag Legend

Processing Flags

Reagents:

ATTO15GIS_00019

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 06-Dec-2022 07:57:19

Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Operator ID: vtp

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Worklist Smp#: 23

Client ID: SV-2

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

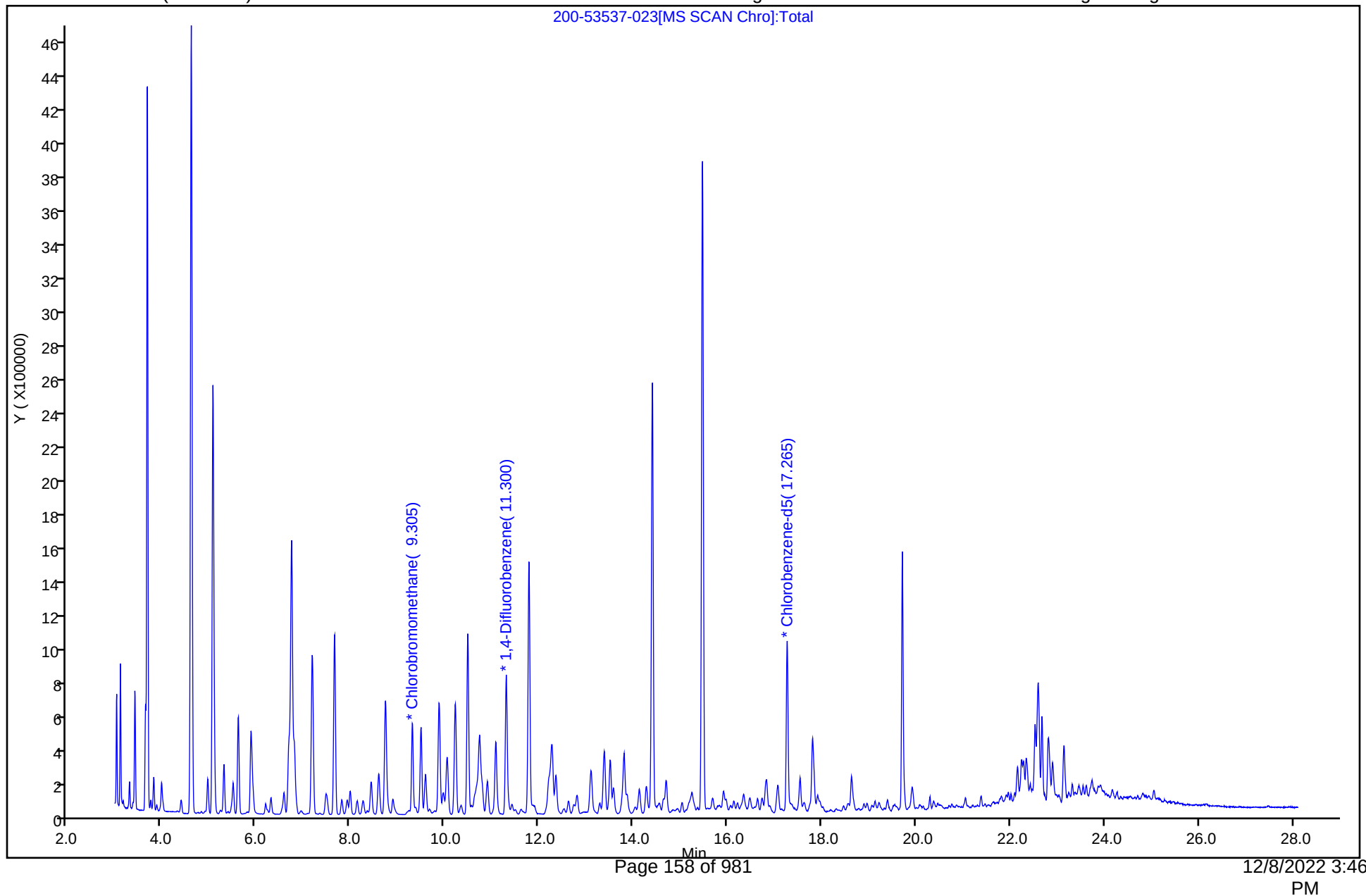
ALS Bottle#: 22

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

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



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

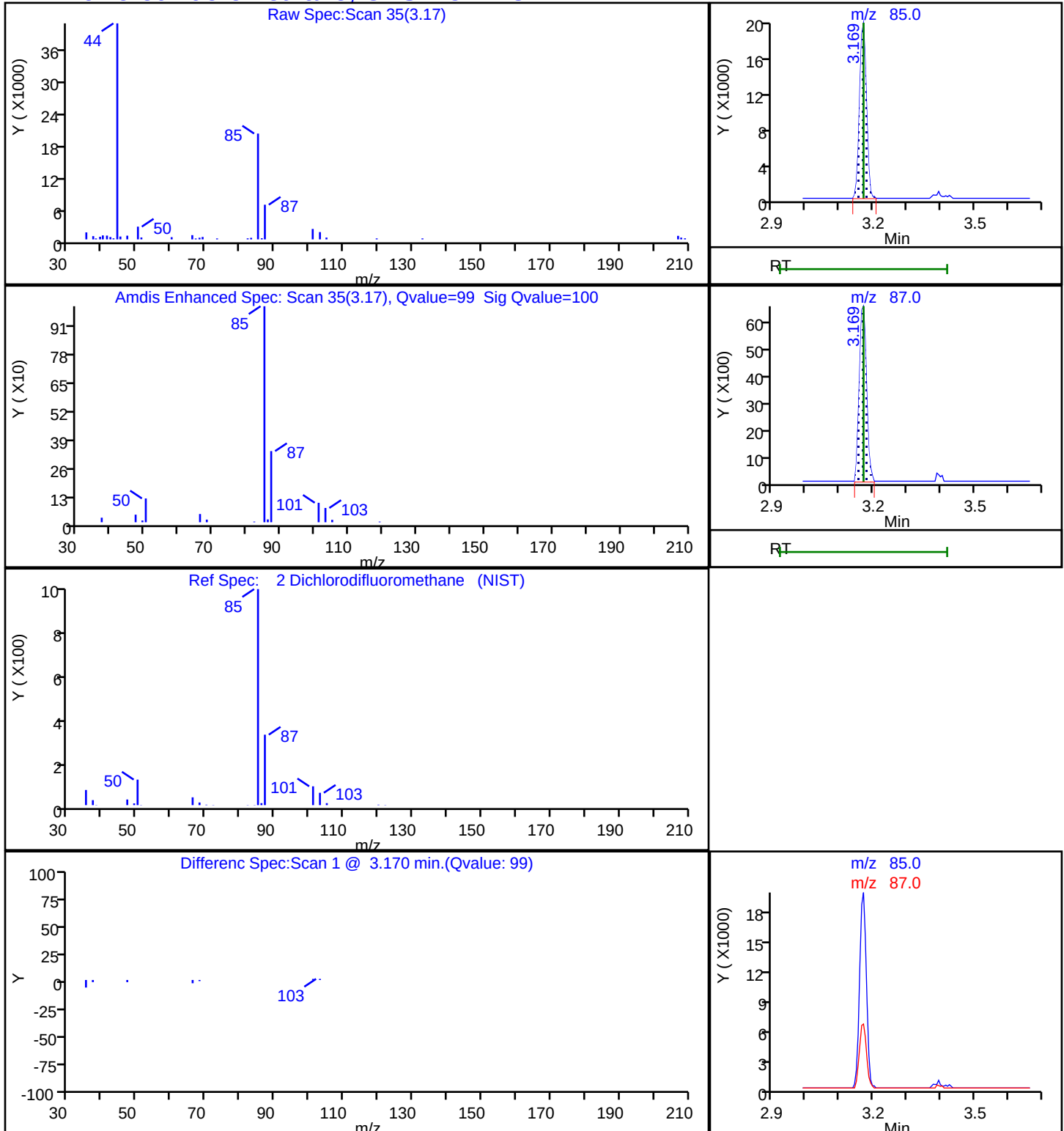
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

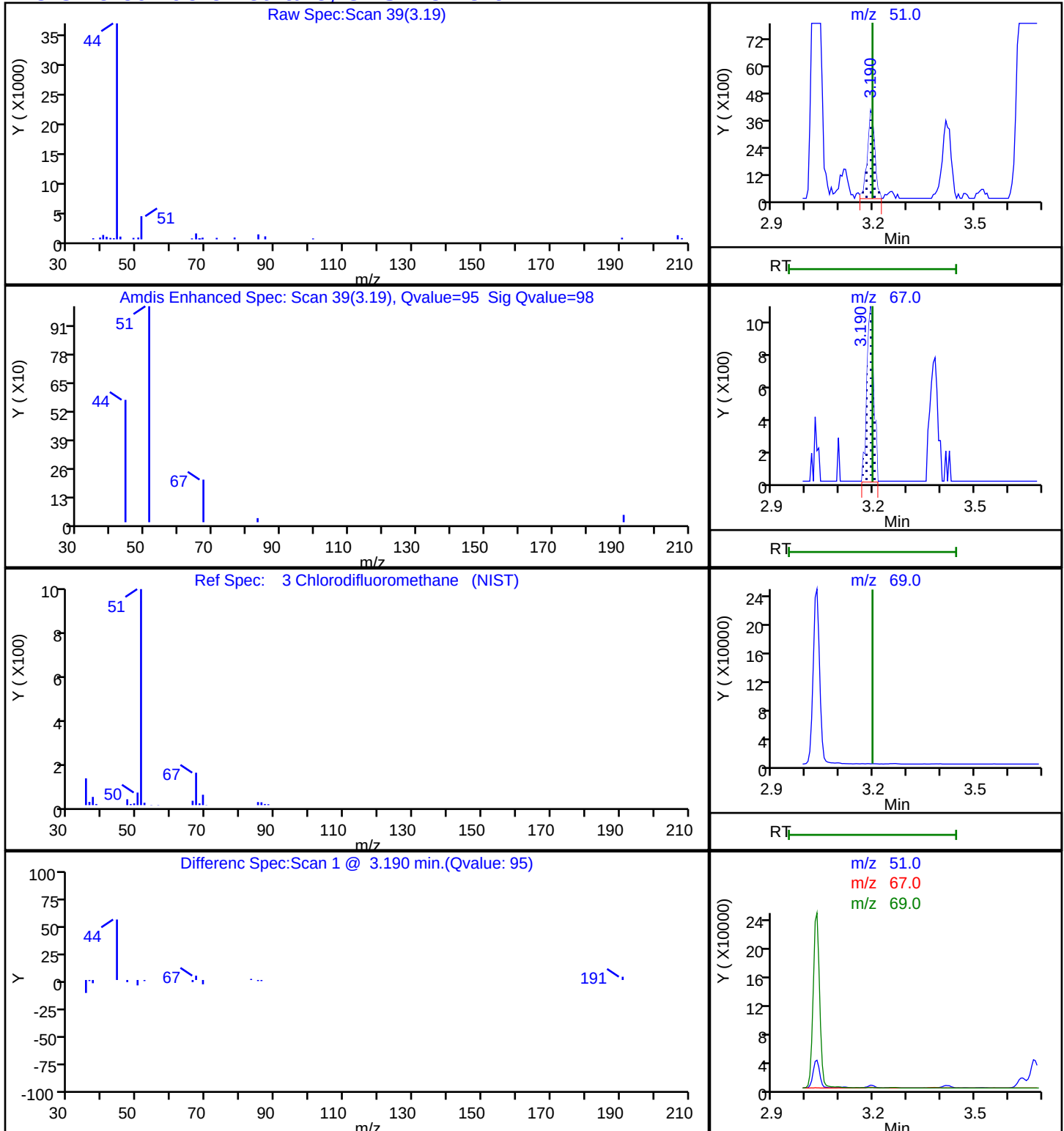
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

3 Chlorodifluoromethane, CAS: 75-45-6

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

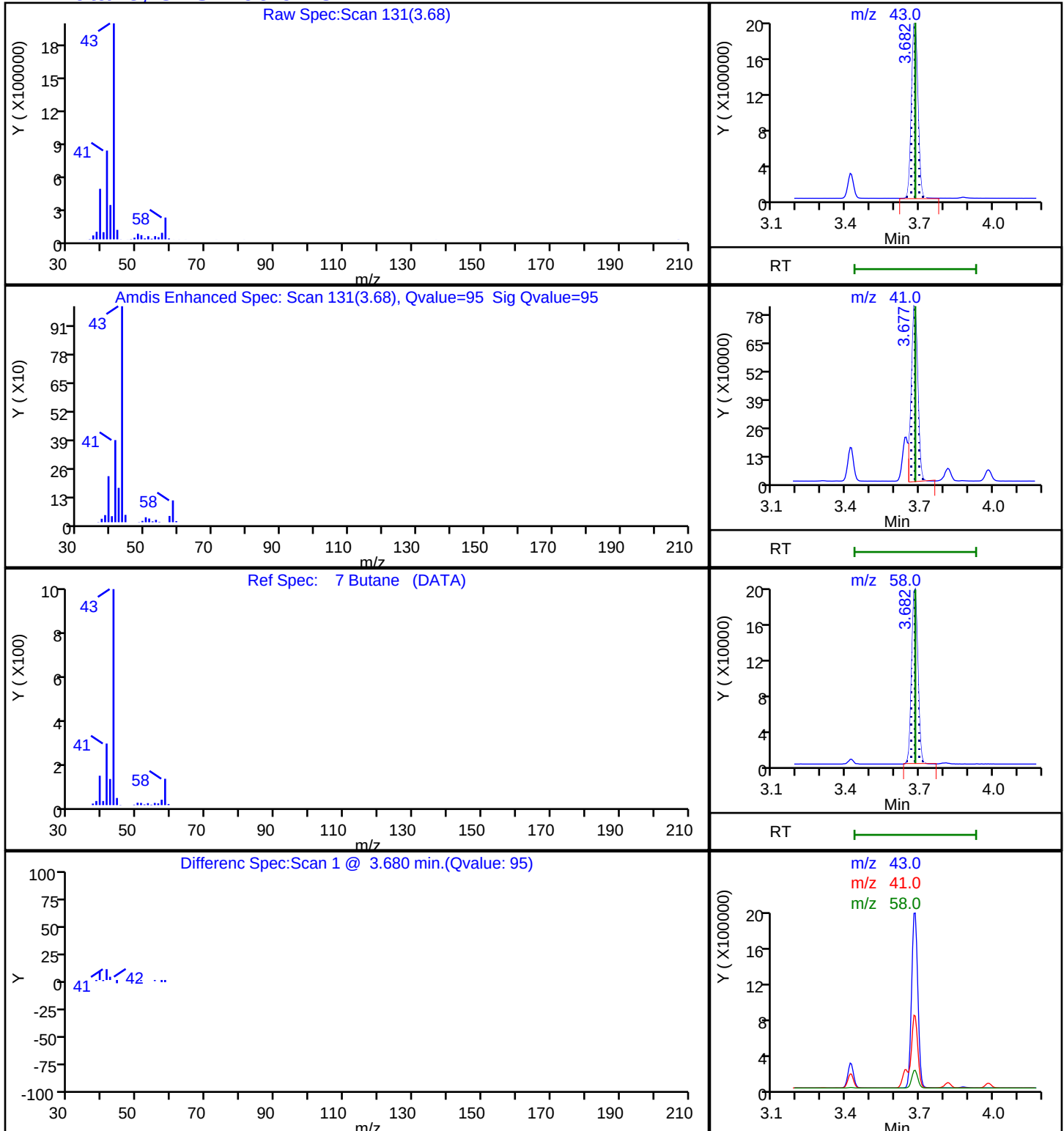
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

7 Butane, CAS: 106-97-8

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

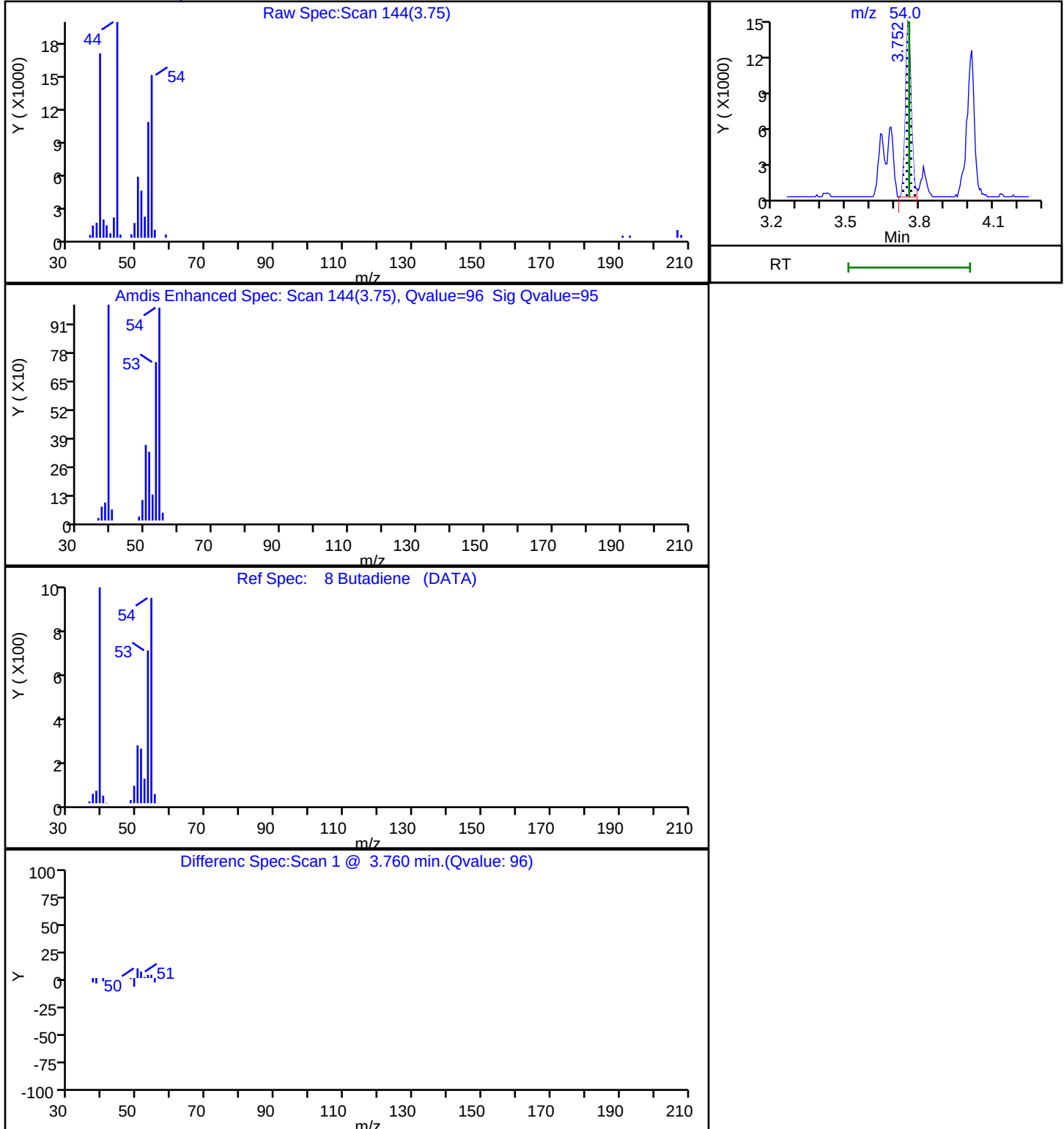
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

8 Butadiene, CAS: 106-99-0

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

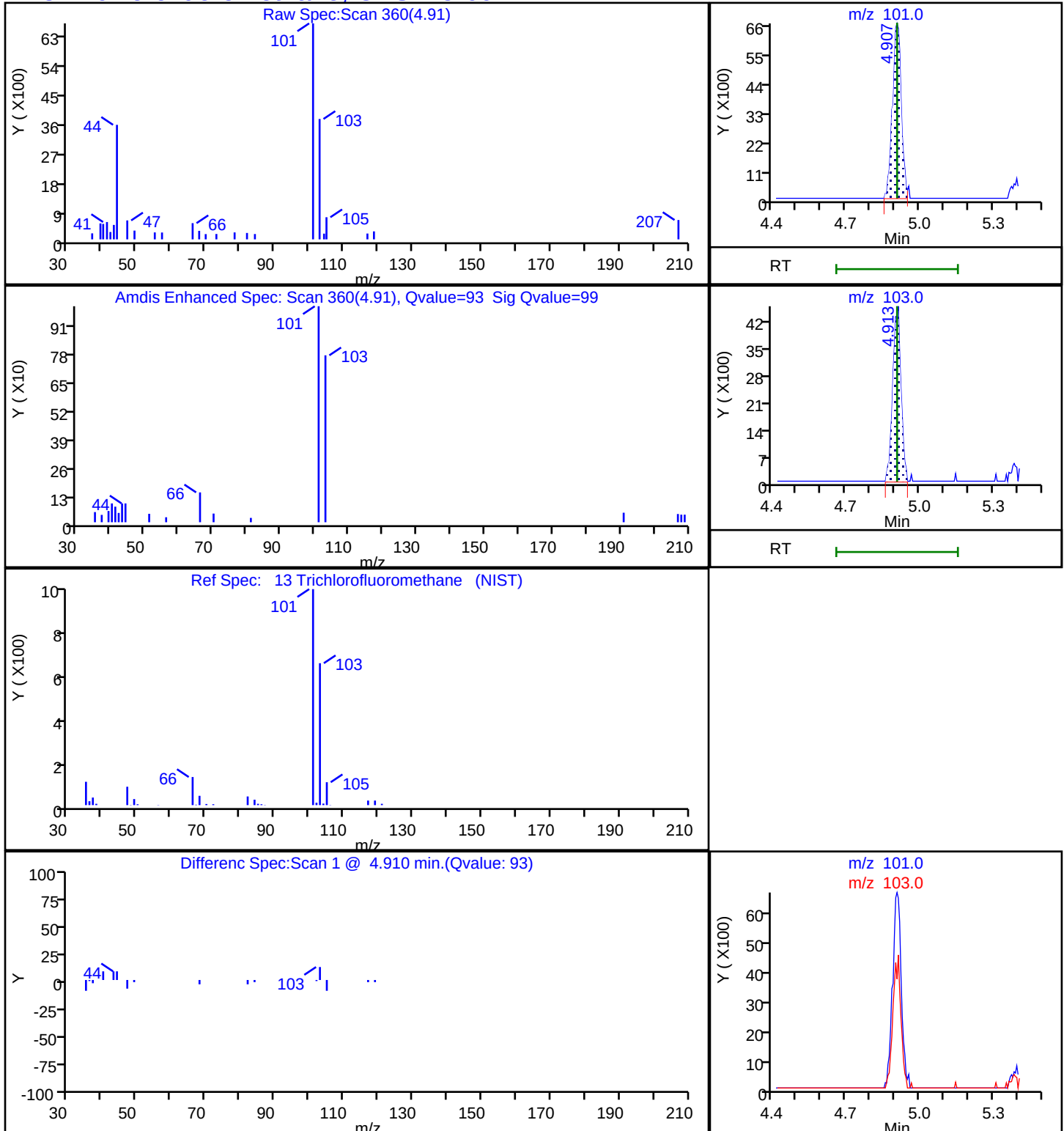
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

13 Trichlorofluoromethane, CAS: 75-69-4

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

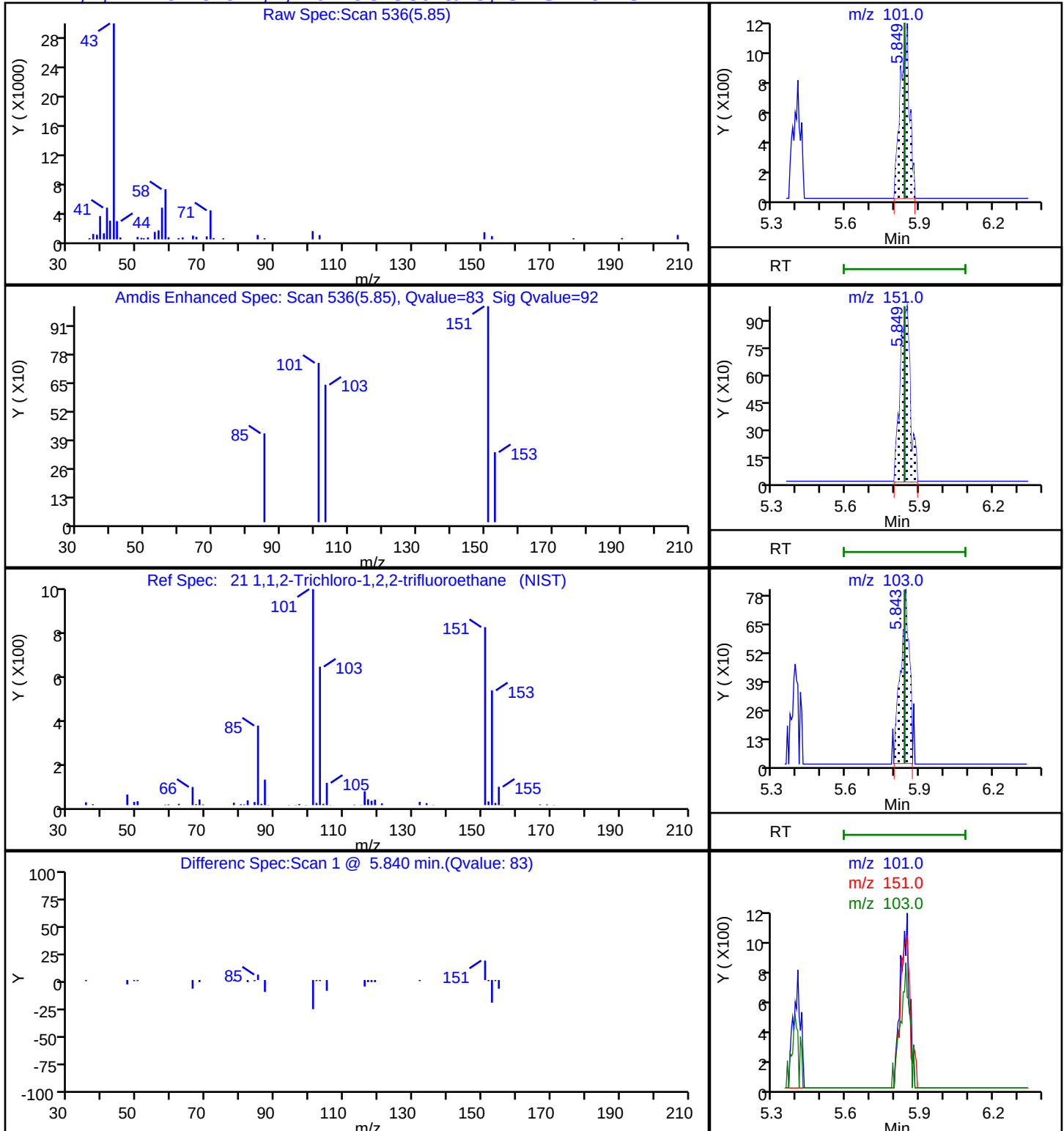
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

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

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

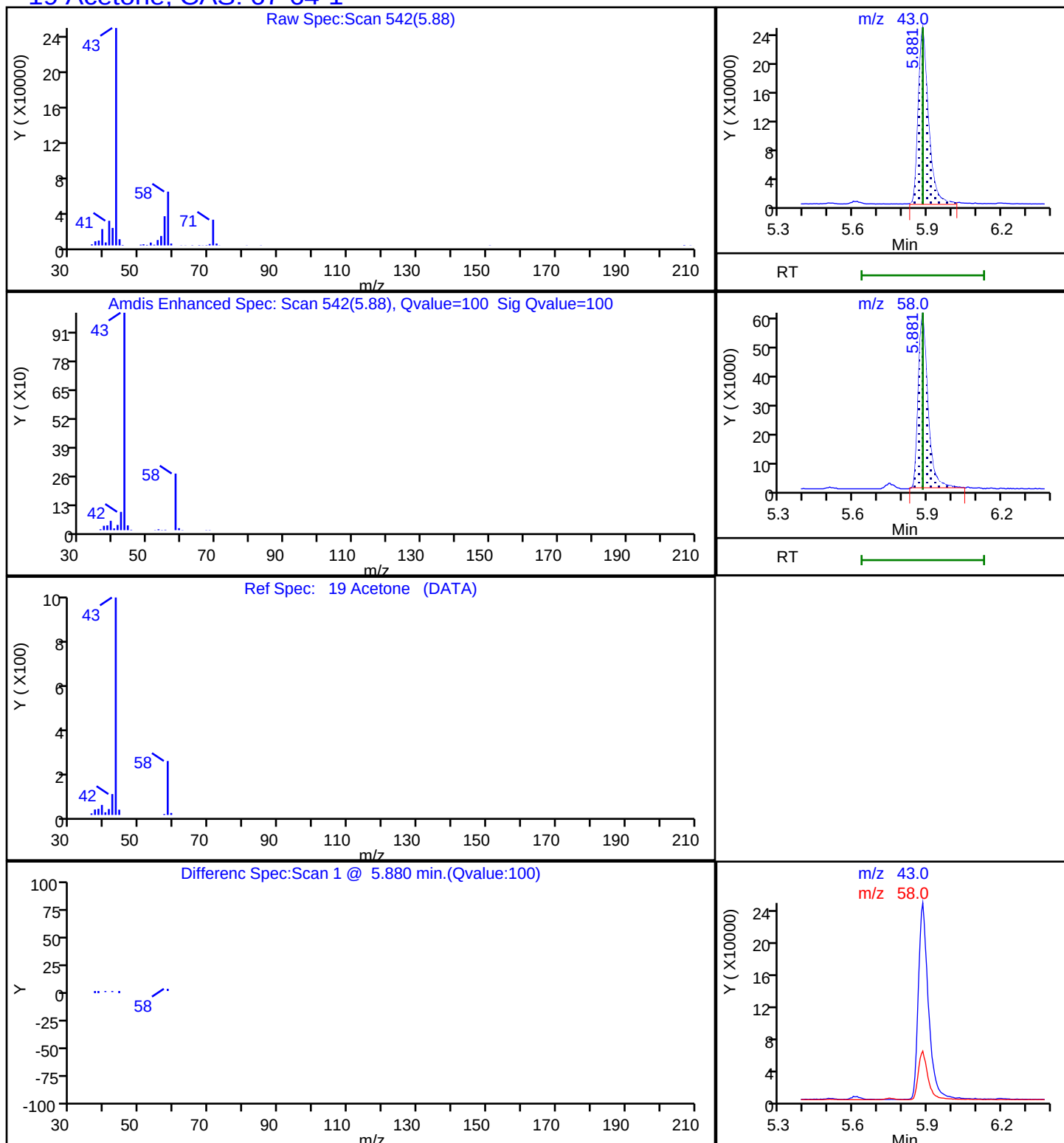
Method: TO15 MasterMethod (v1) G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector MS SCAN

19 Acetone, CAS: 67-64-1



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

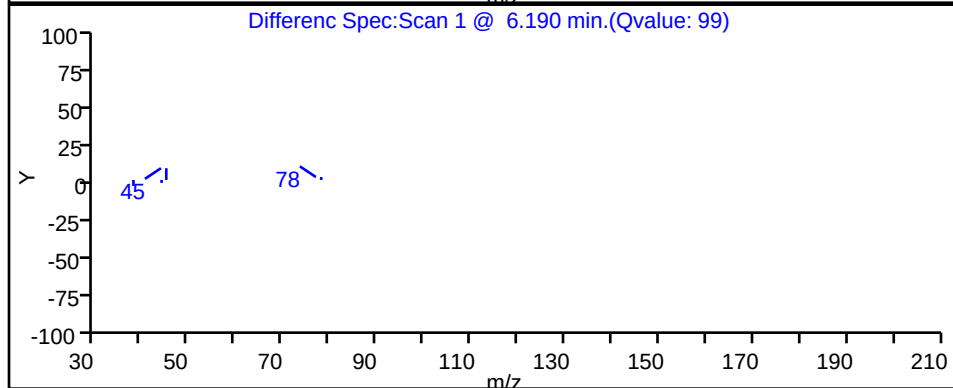
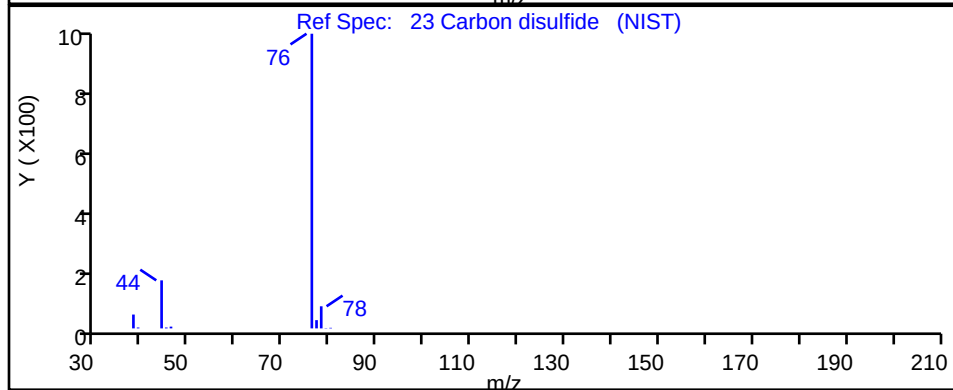
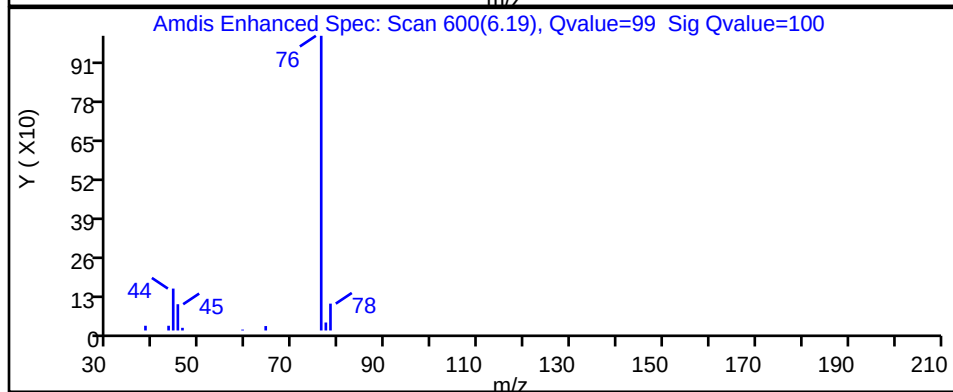
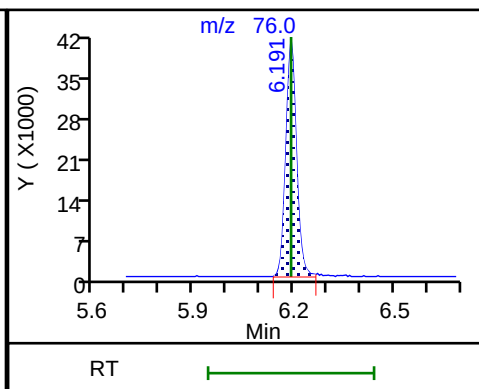
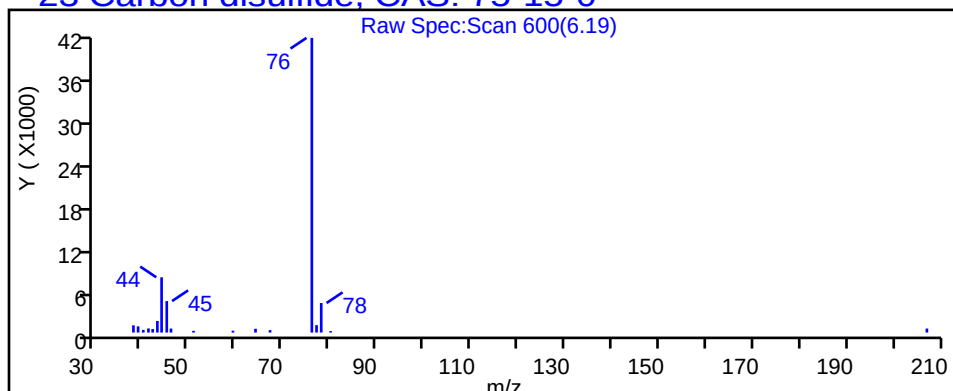
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 Carbon disulfide, CAS: 75-15-0

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

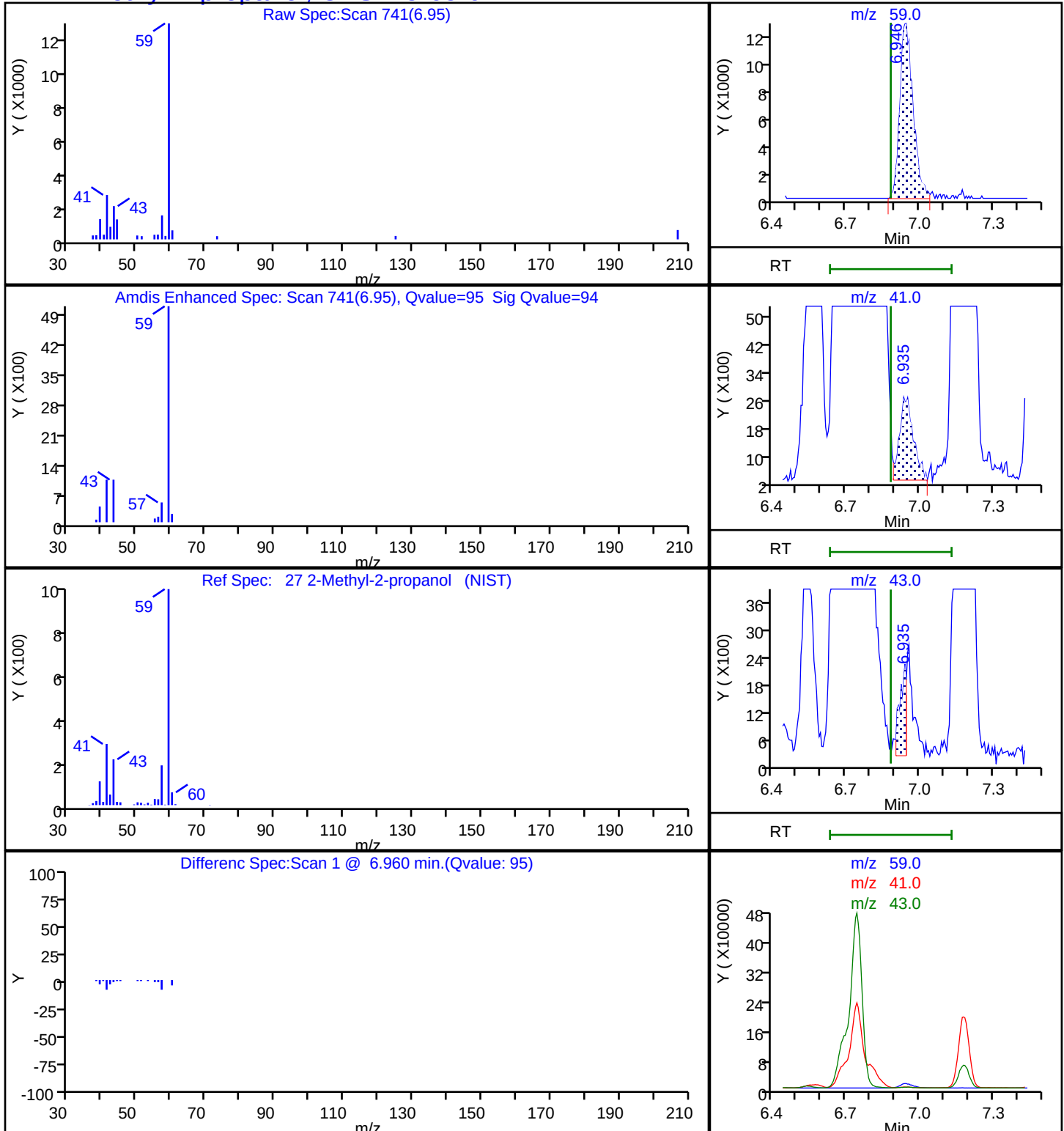
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 2-Methyl-2-propanol, CAS: 75-65-0

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

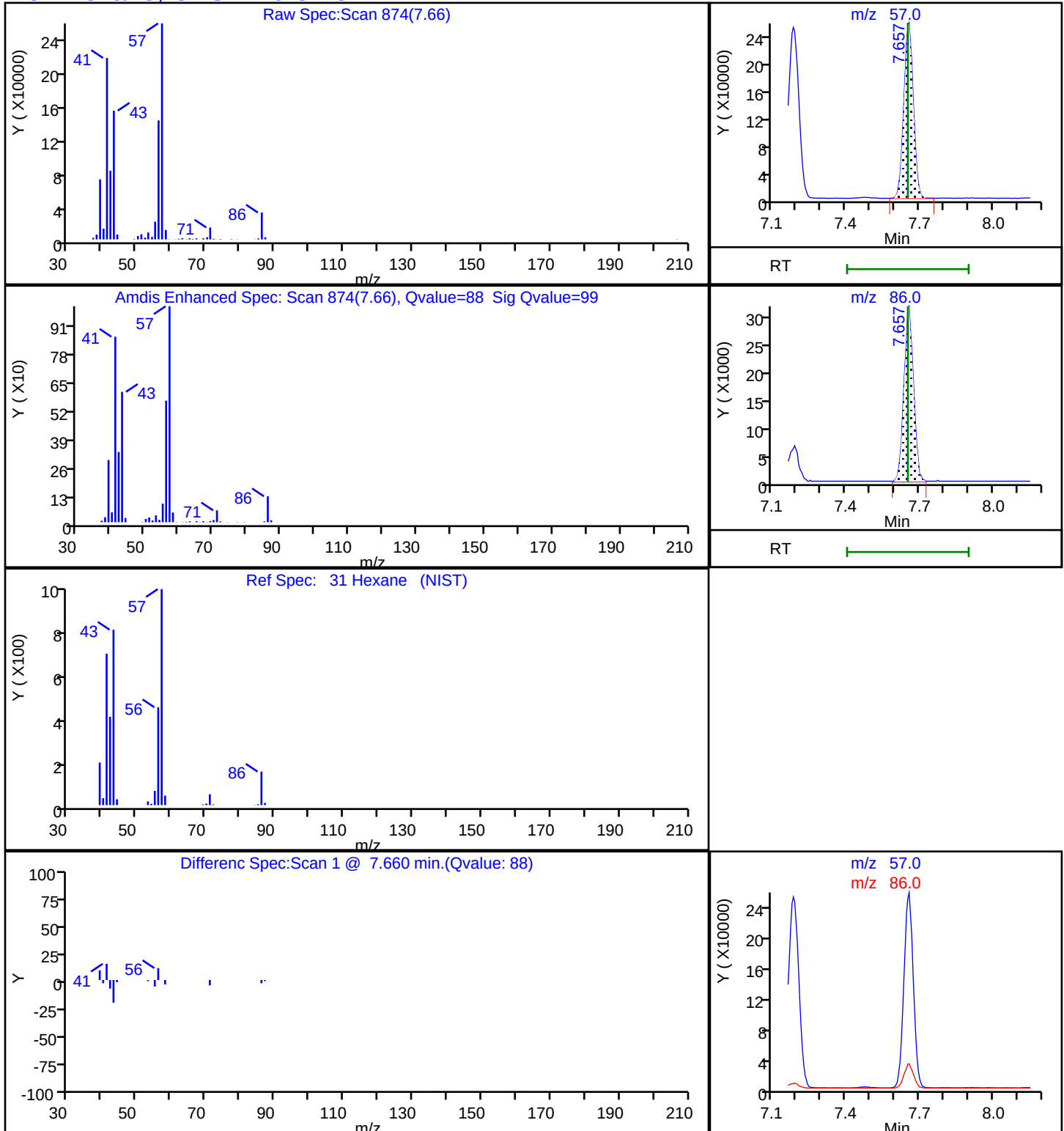
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Hexane, CAS: 110-54-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

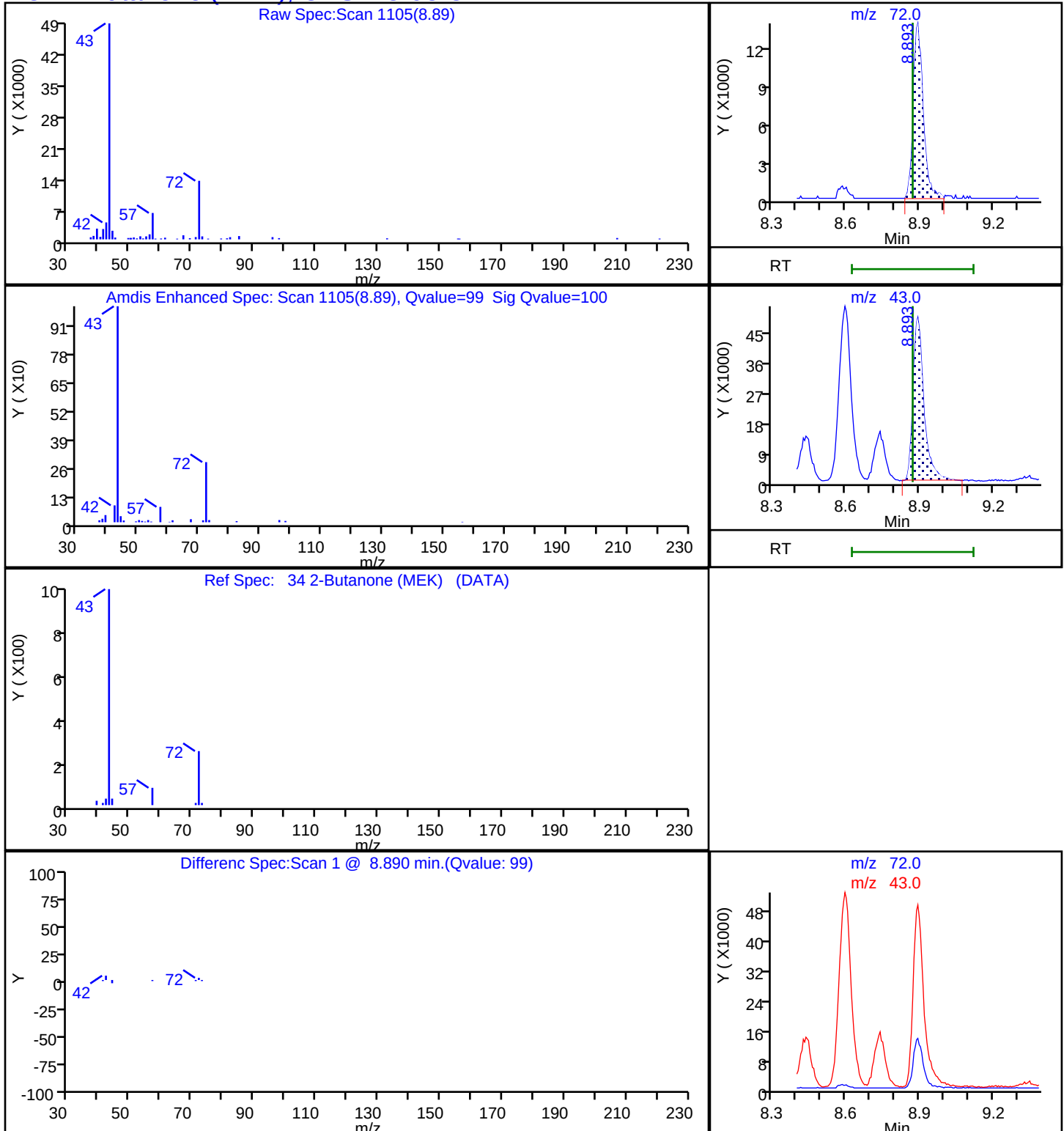
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

34 2-Butanone (MEK), CAS: 78-93-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

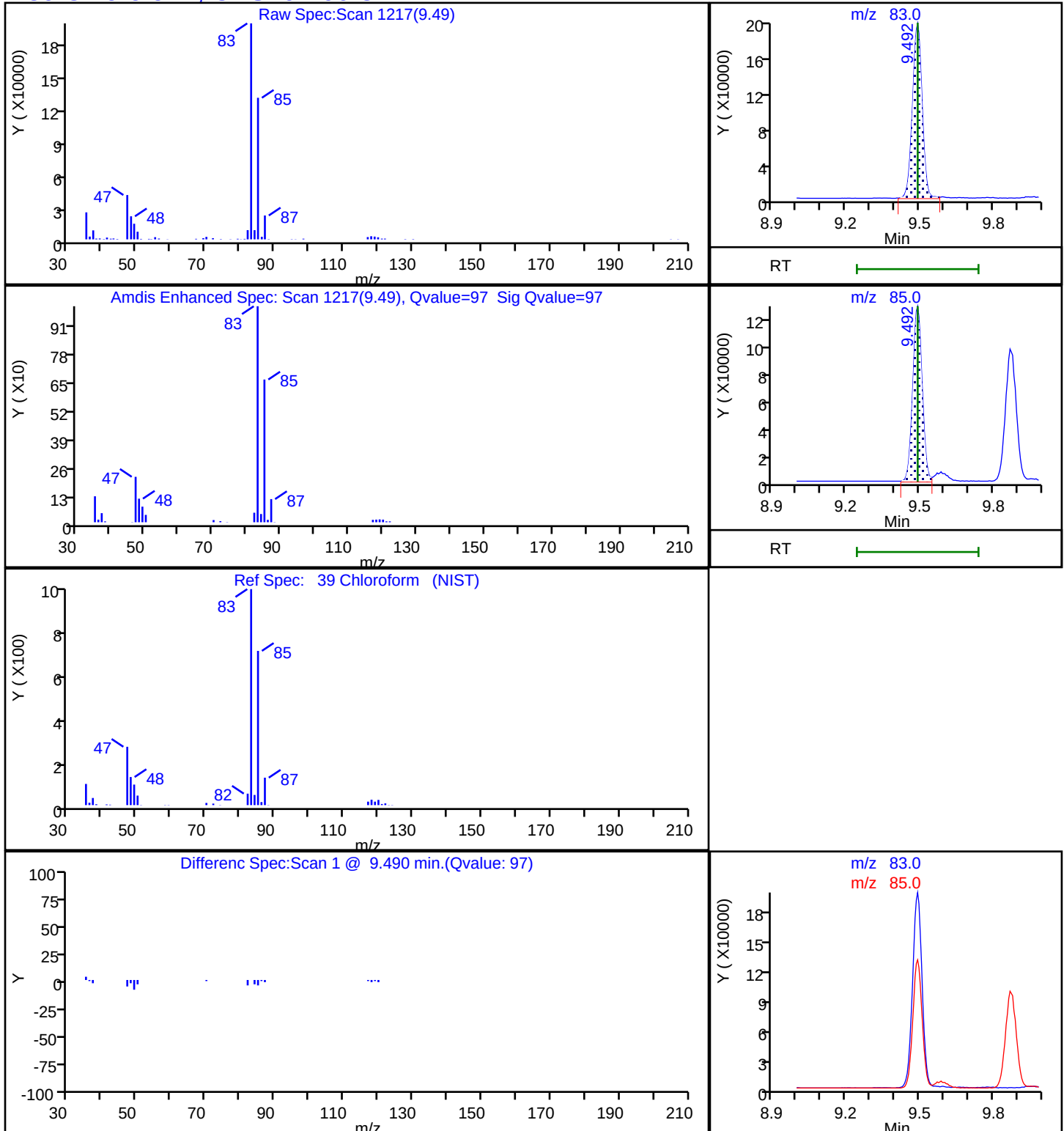
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

39 Chloroform, CAS: 67-66-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

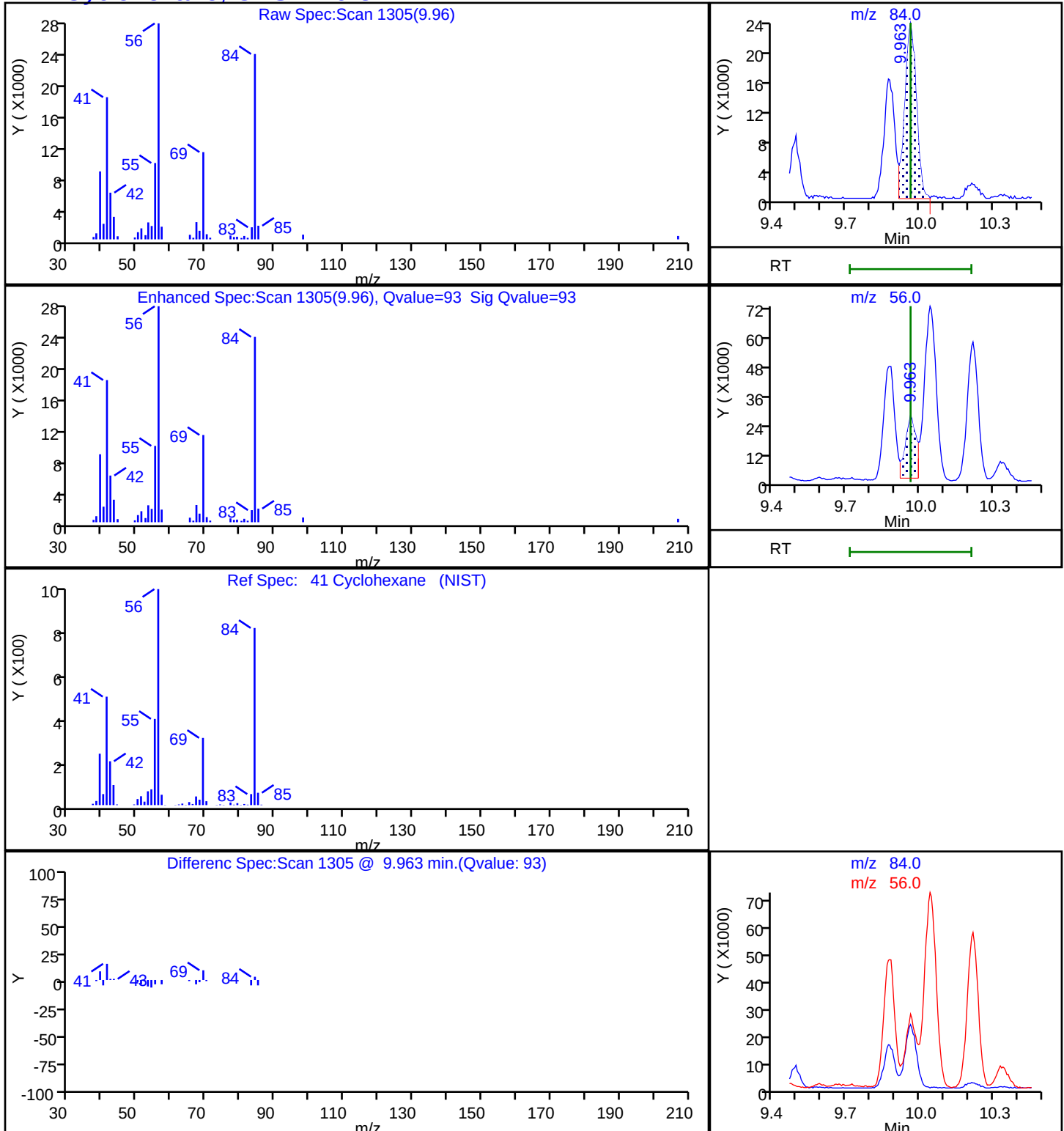
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

41 Cyclohexane, CAS: 110-82-7

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

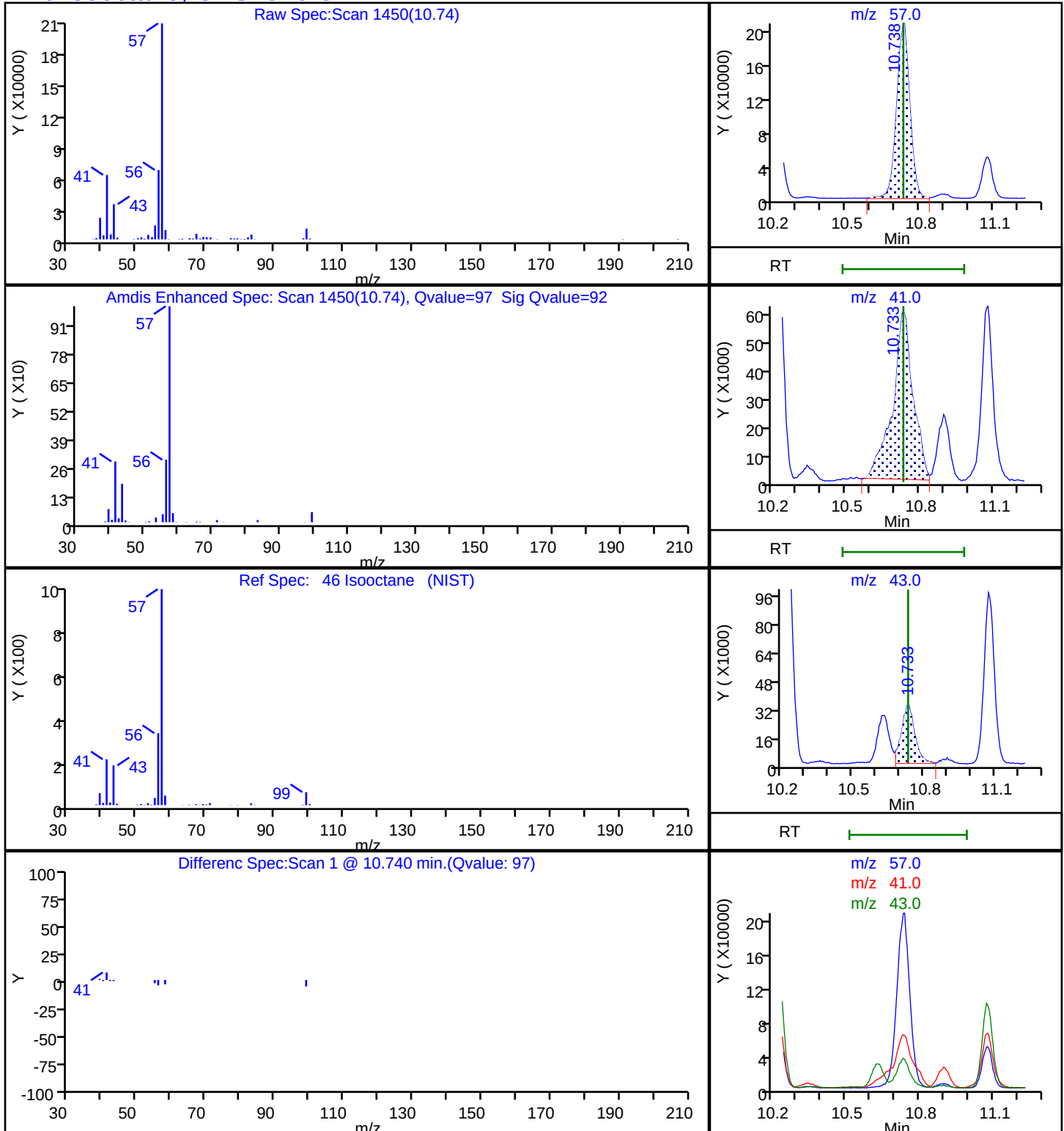
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Isooctane, CAS: 540-84-1

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

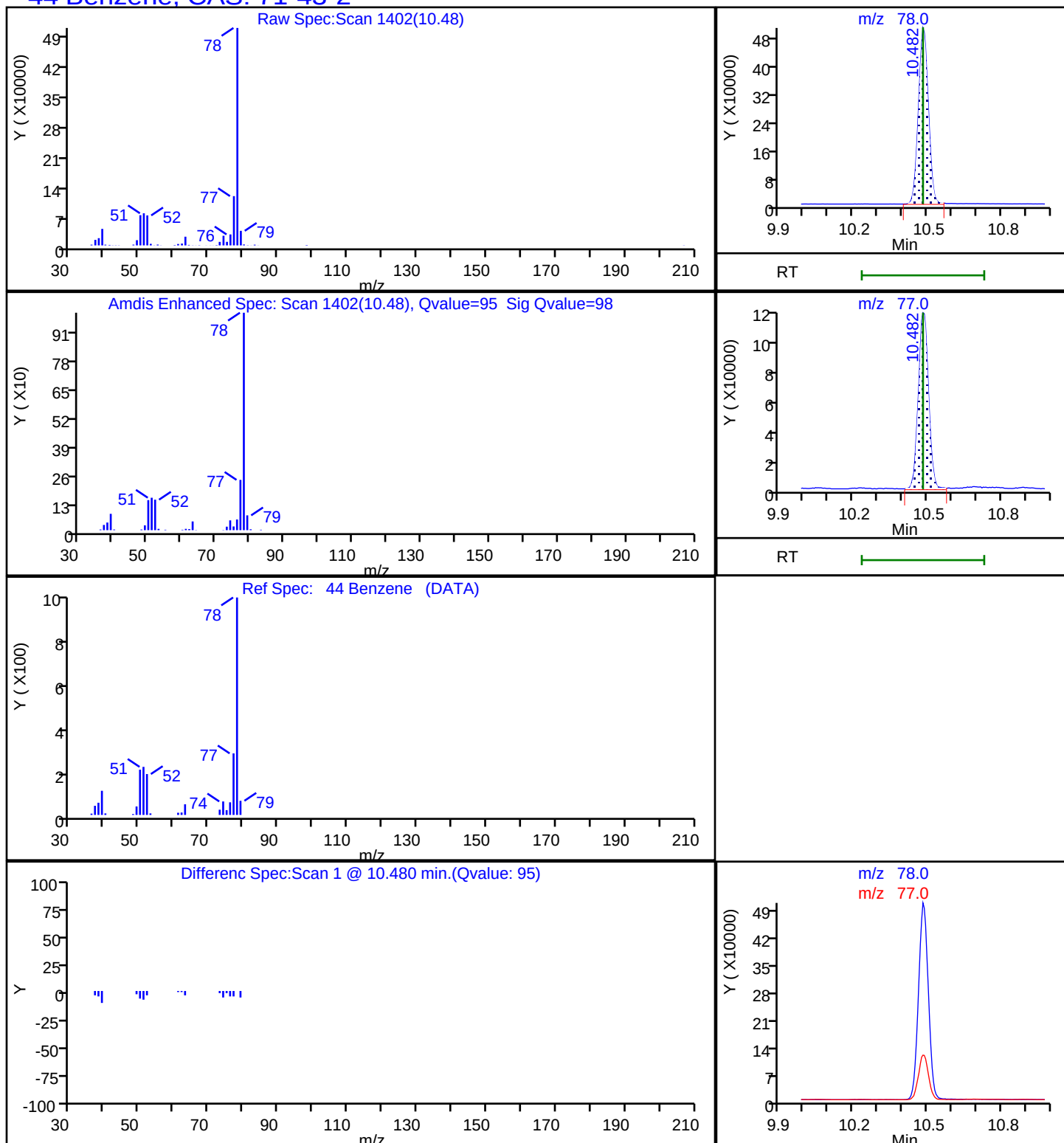
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Benzene, CAS: 71-43-2



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

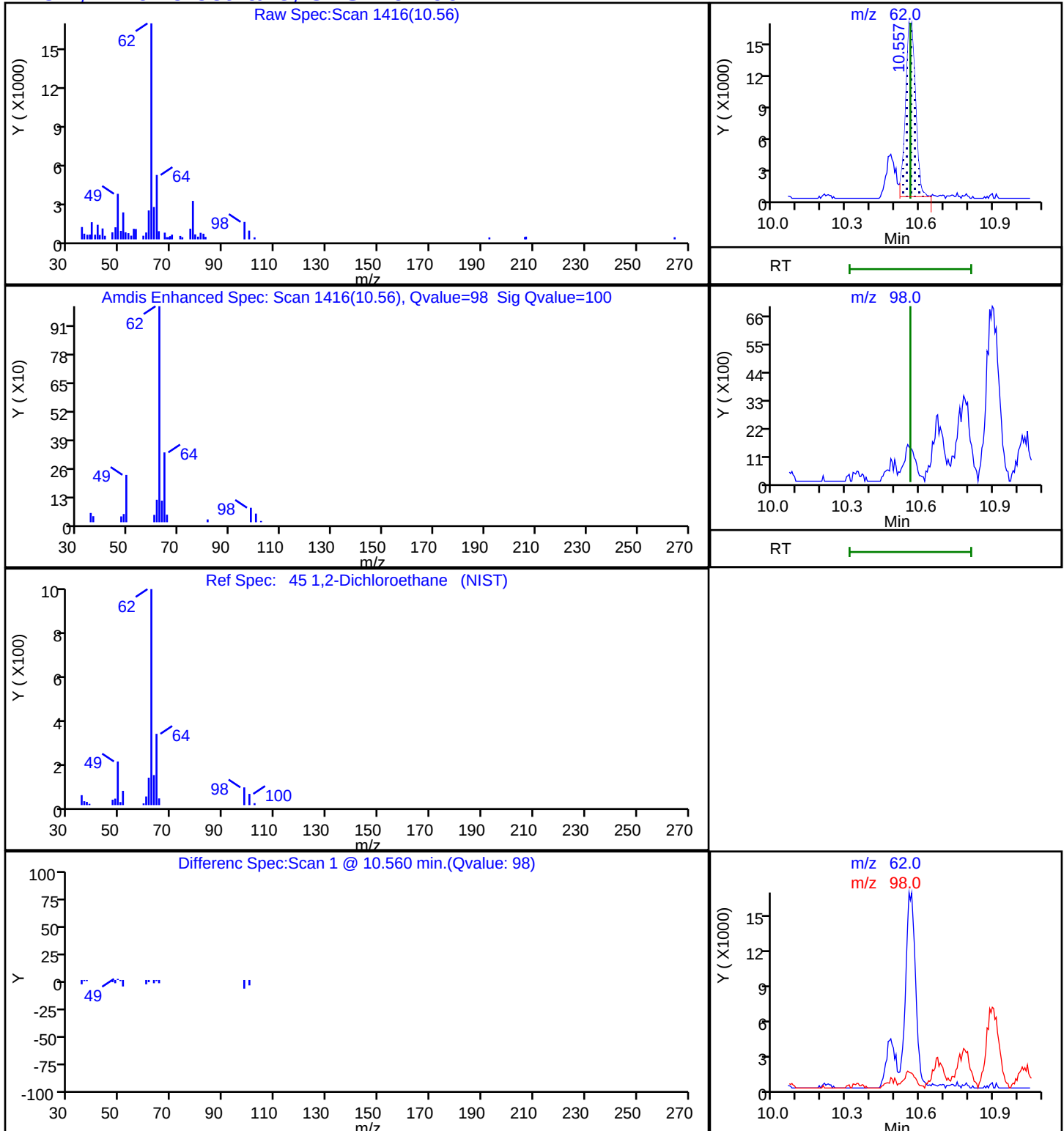
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

45 1,2-Dichloroethane, CAS: 107-06-2



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

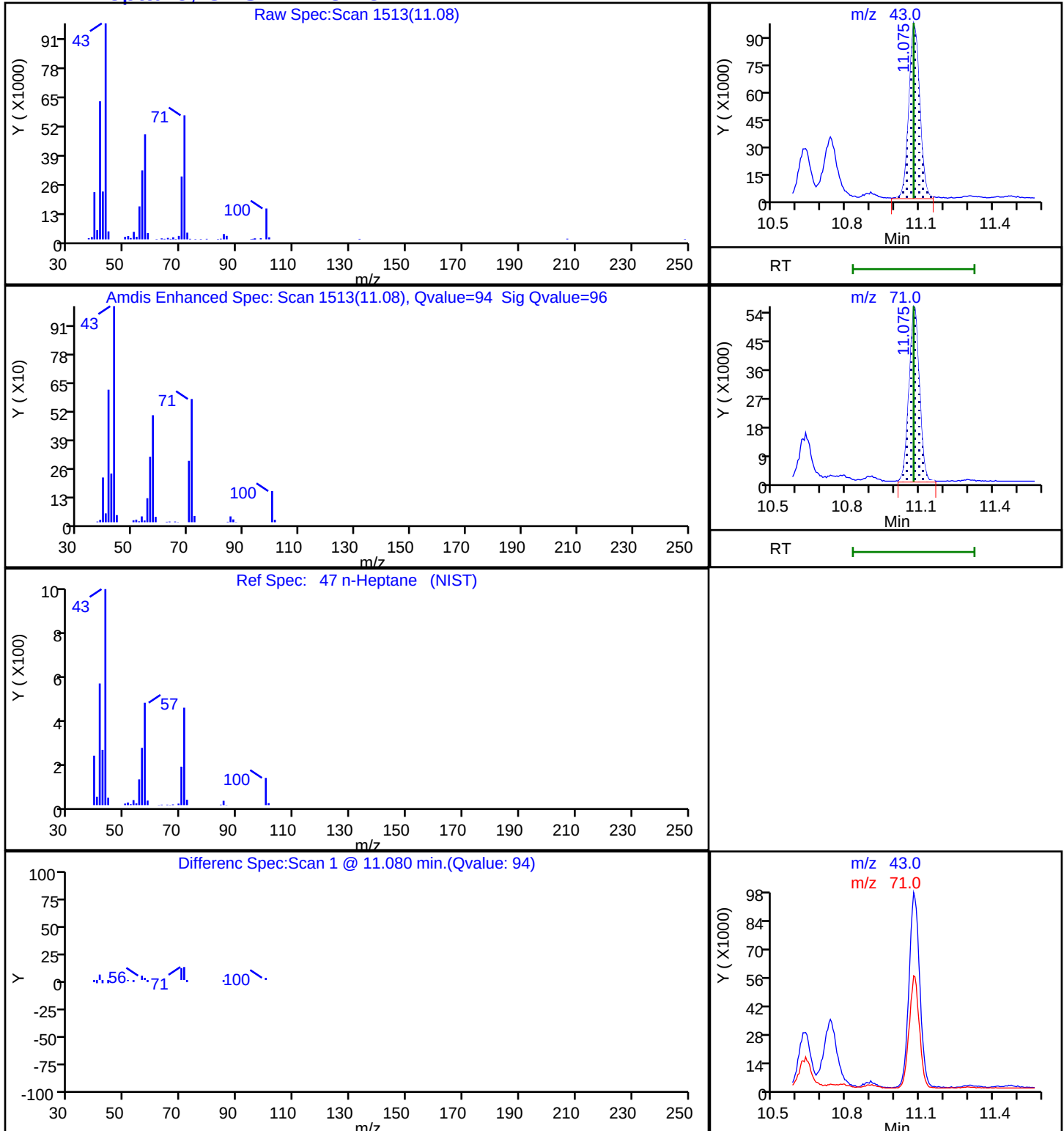
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

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

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

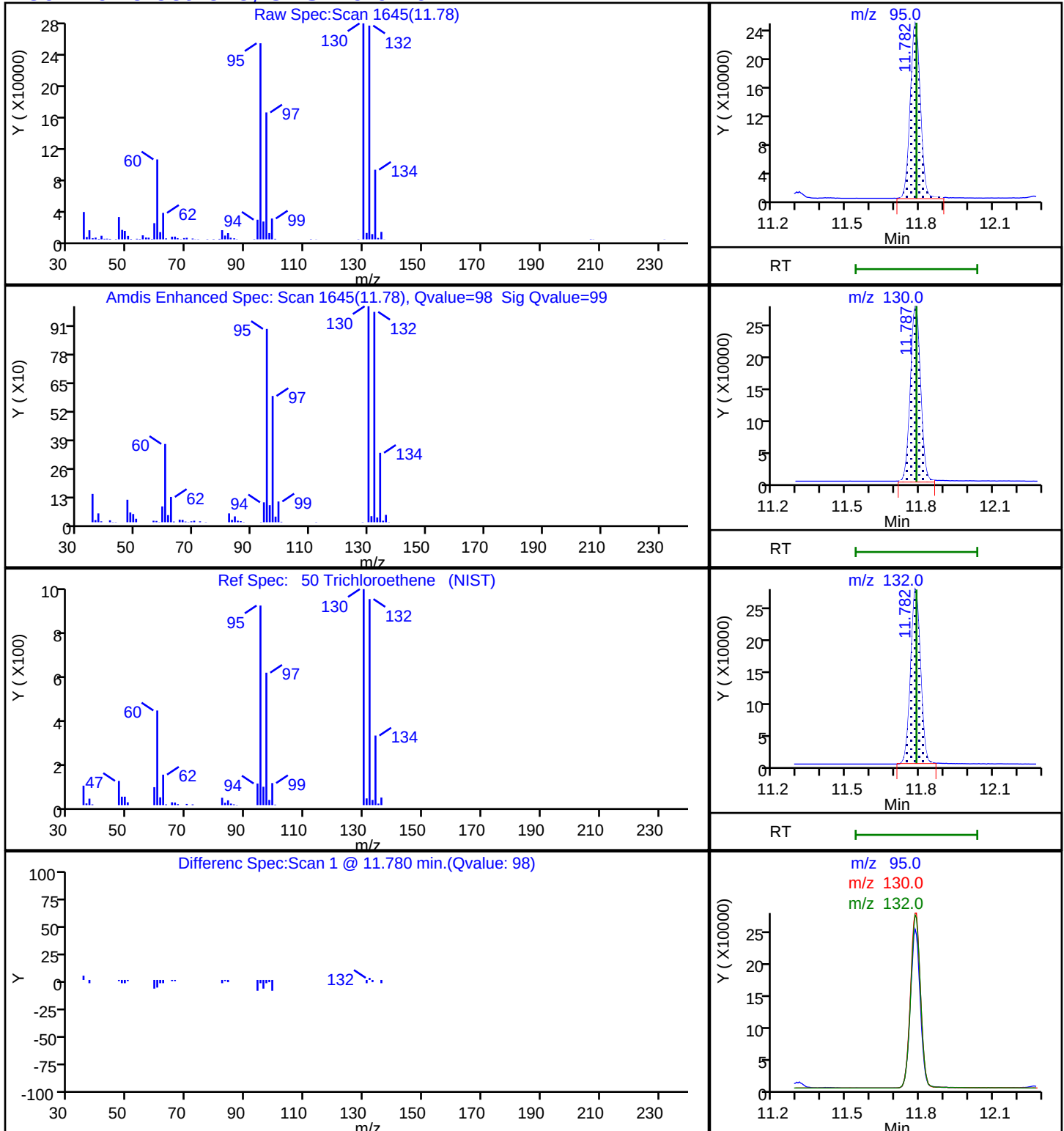
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Trichloroethene, CAS: 79-01-6

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

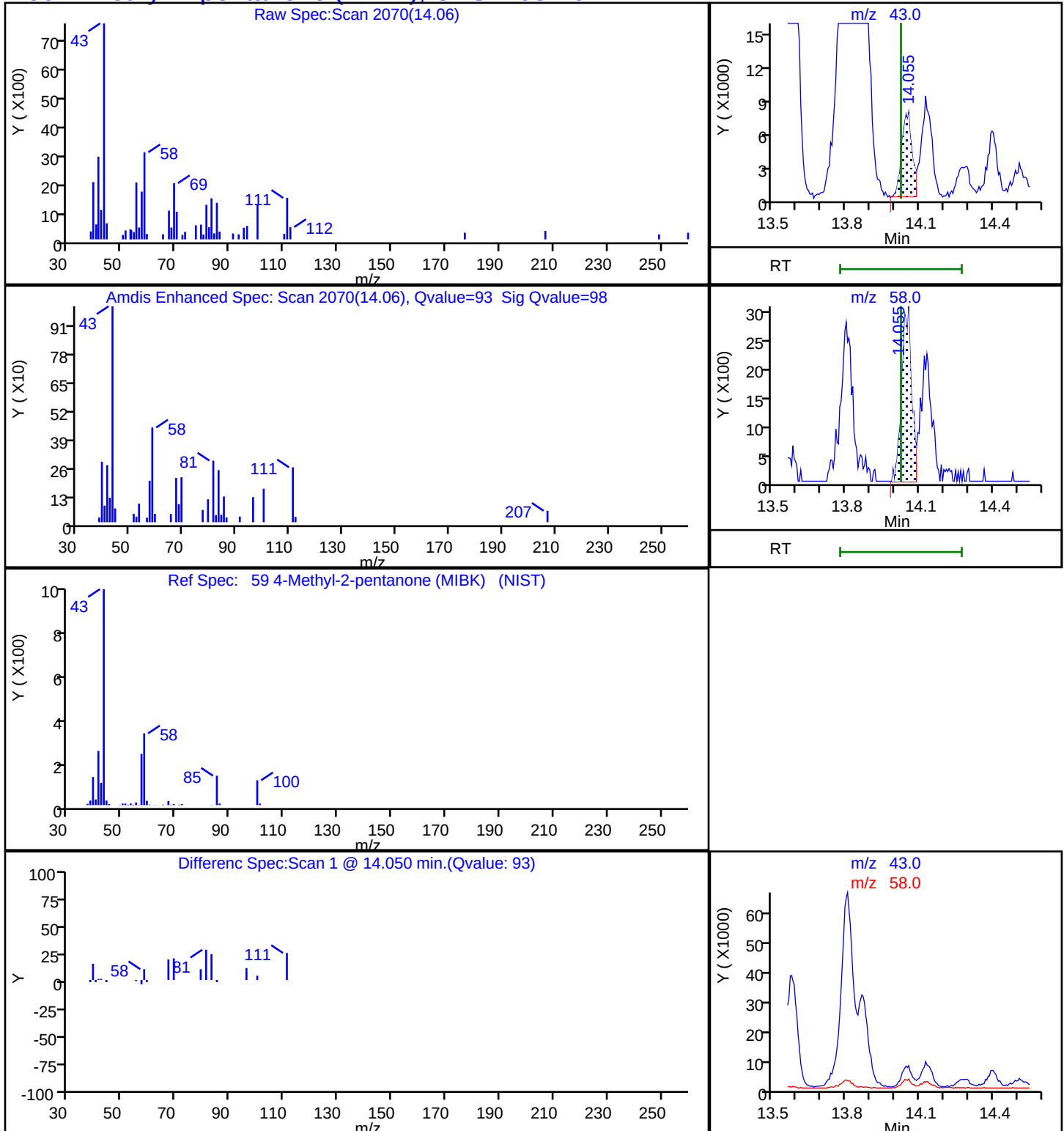
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

59 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

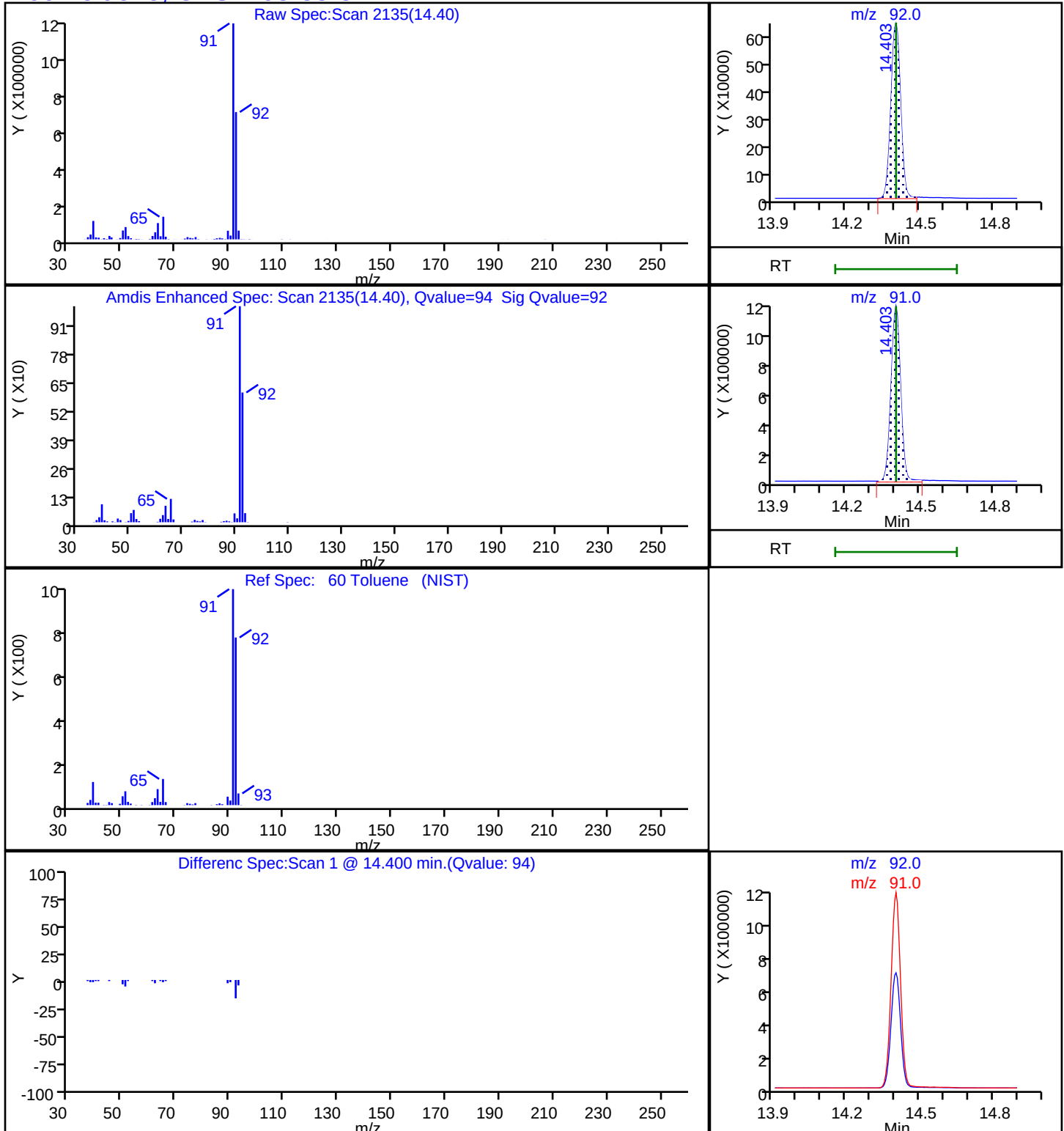
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

60 Toluene, CAS: 108-88-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

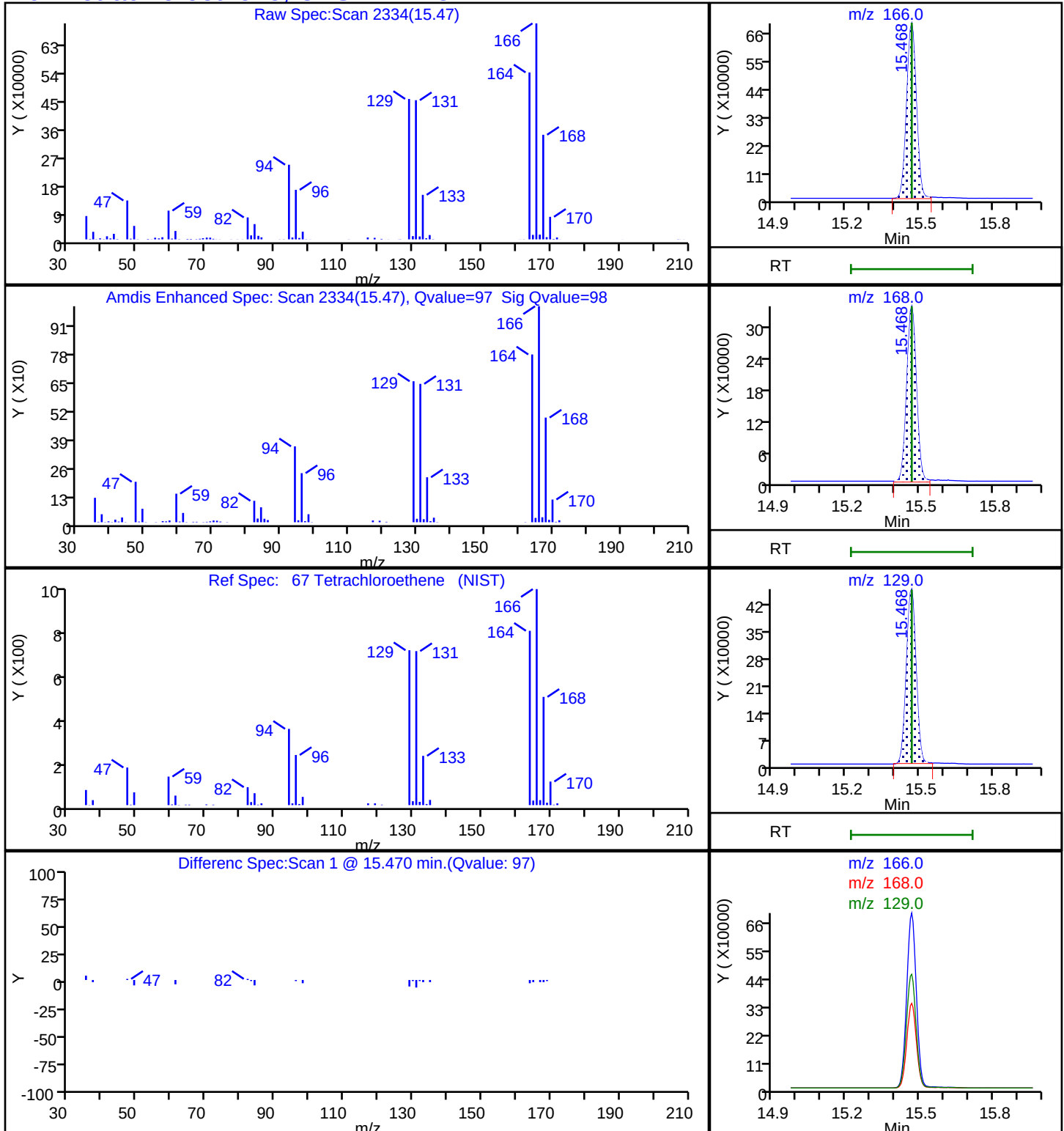
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

67 Tetrachloroethene, CAS: 127-18-4

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

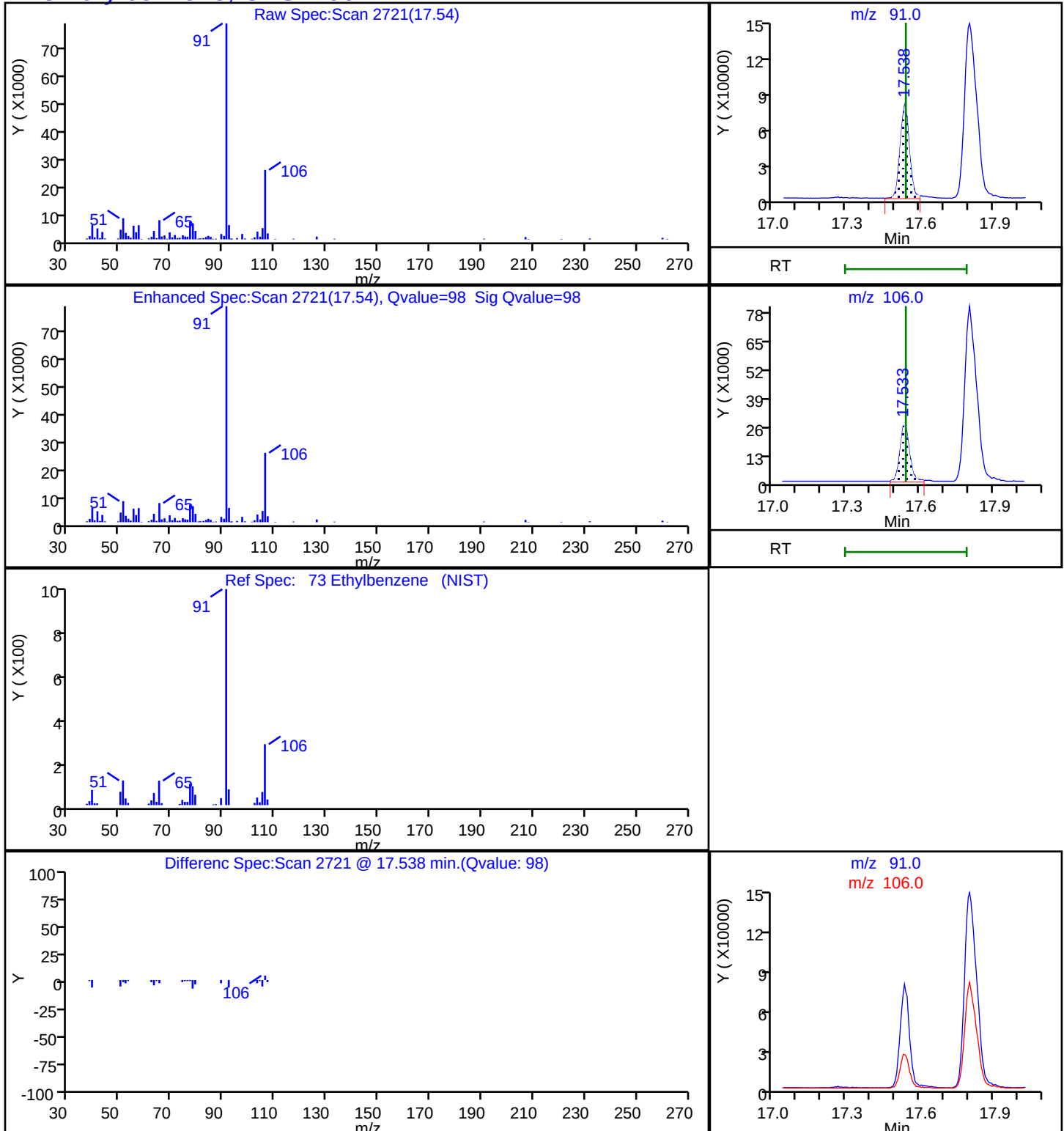
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

73 Ethylbenzene, CAS: 100-41-4



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

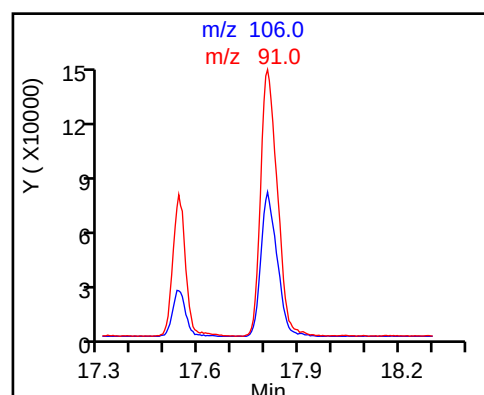
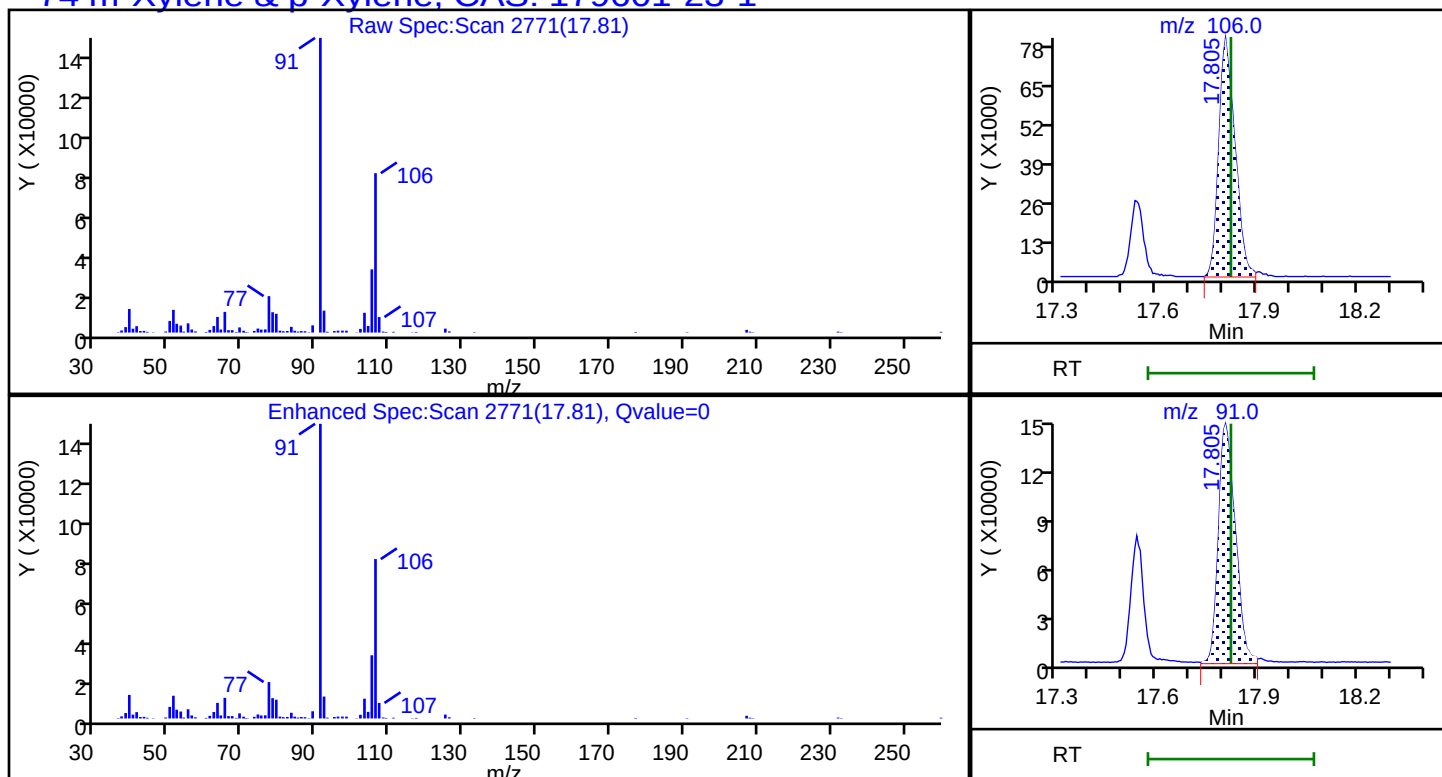
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

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

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

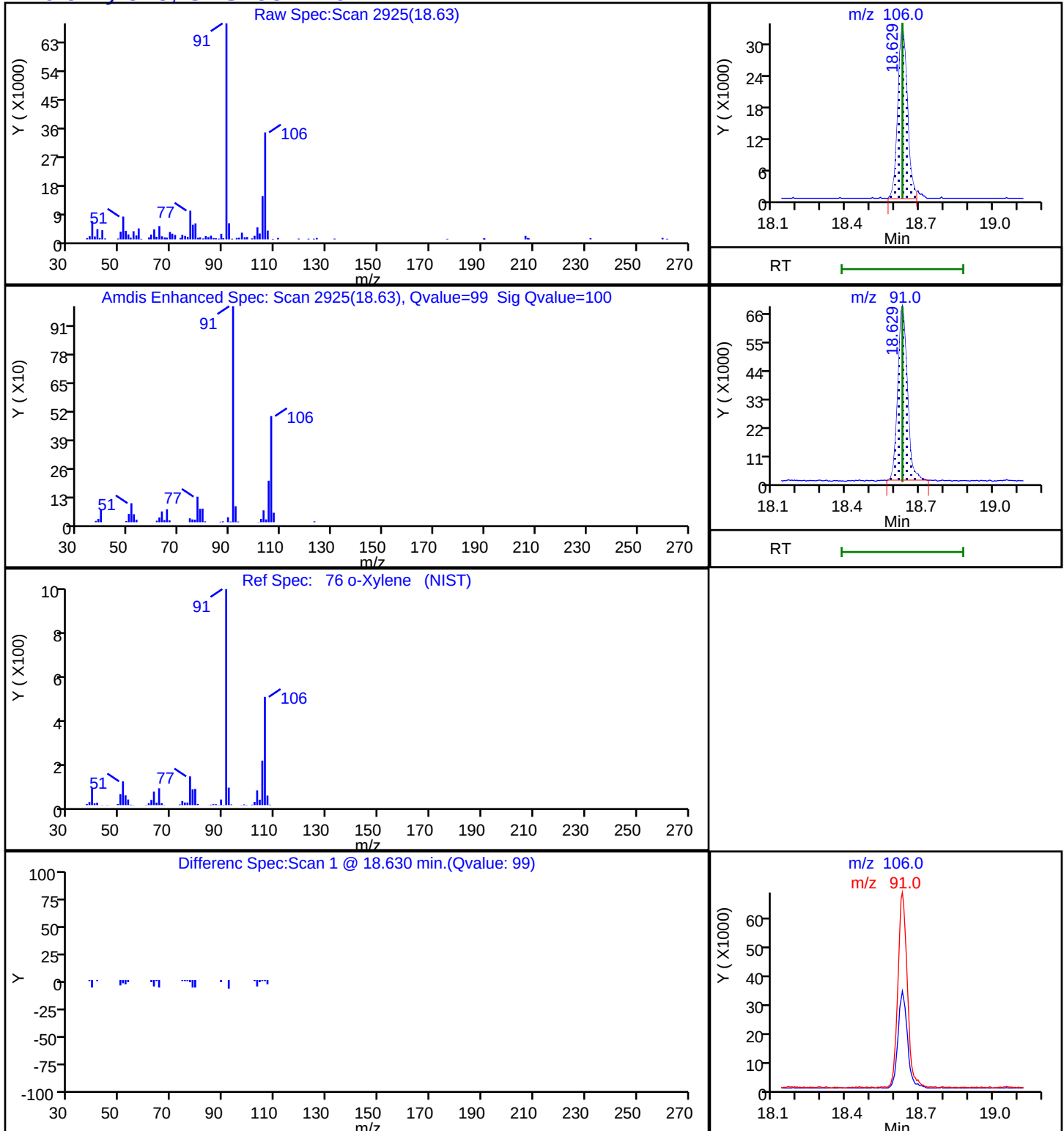
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

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

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

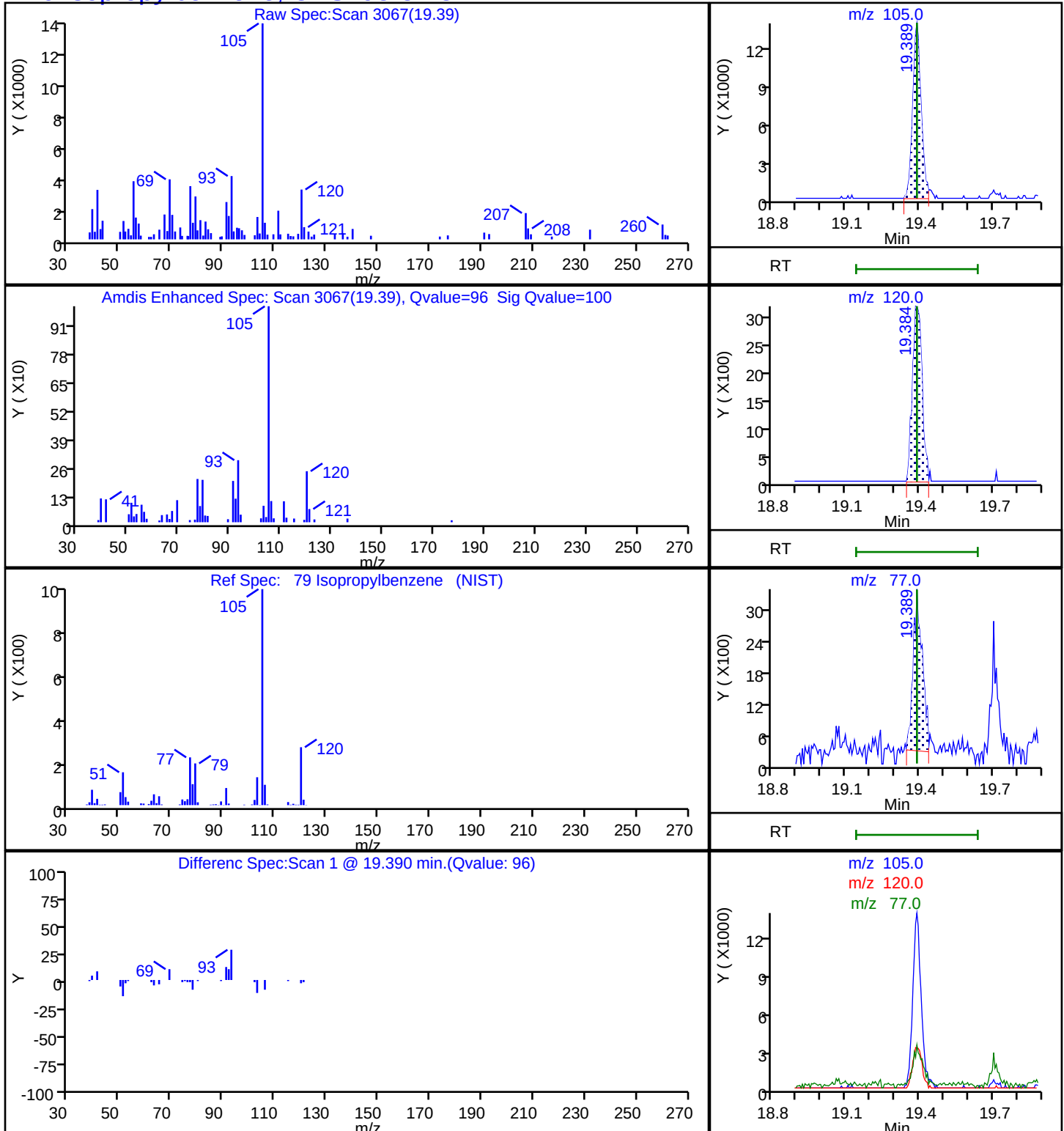
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

79 Isopropylbenzene, CAS: 98-82-8

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

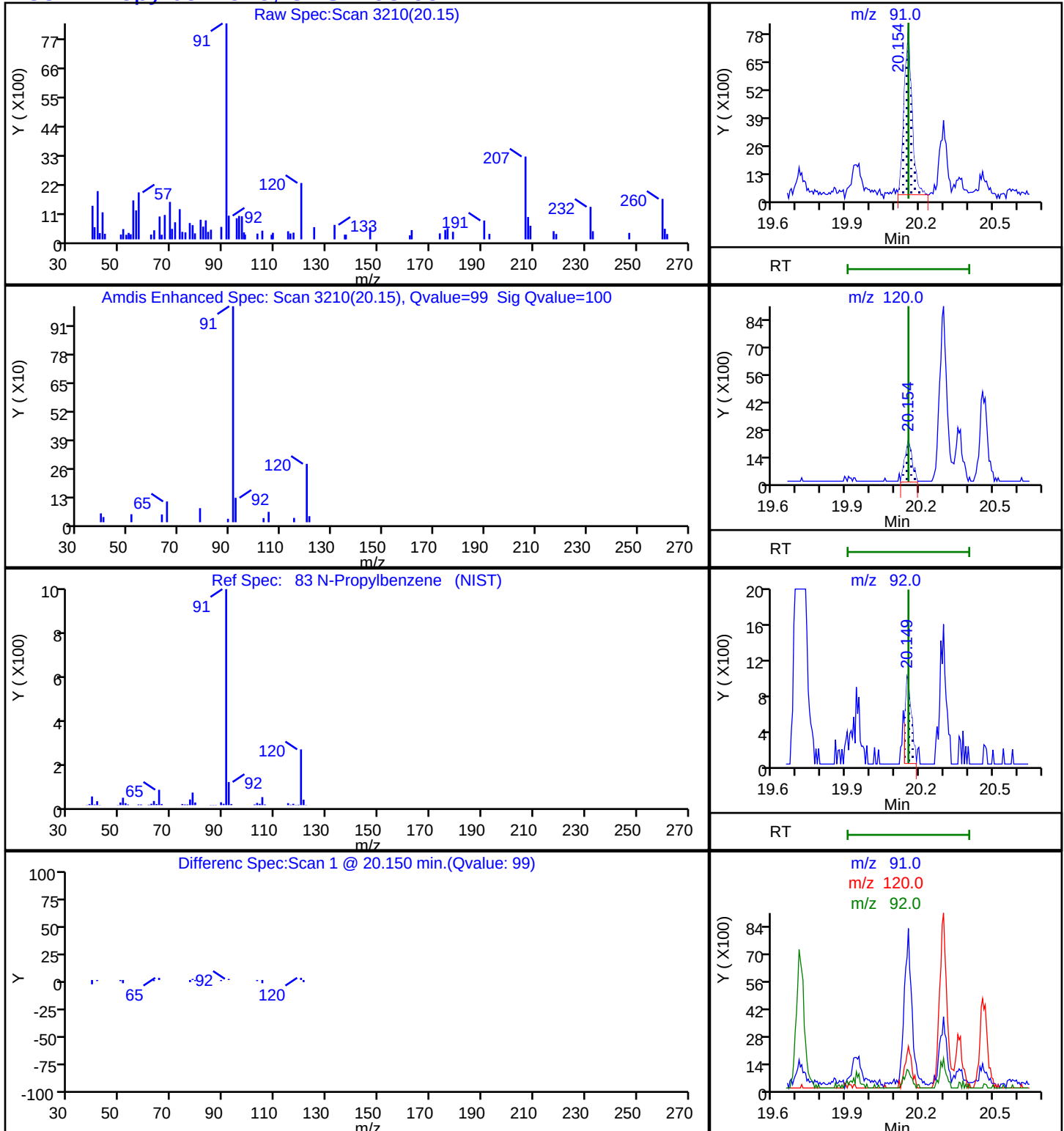
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

83 N-Propylbenzene, CAS: 103-65-1

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

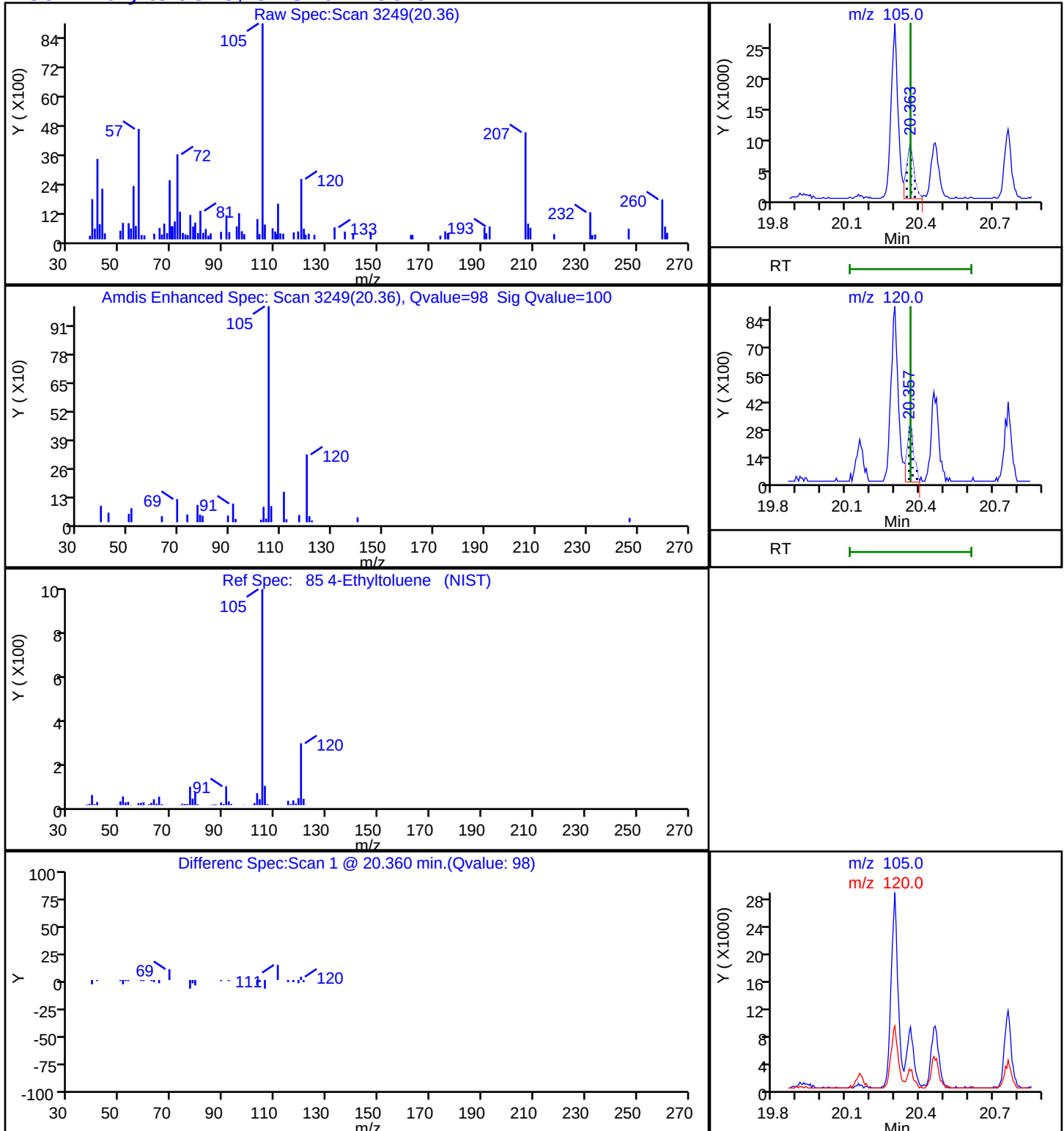
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

85 4-Ethyltoluene, CAS: 622-96-8

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

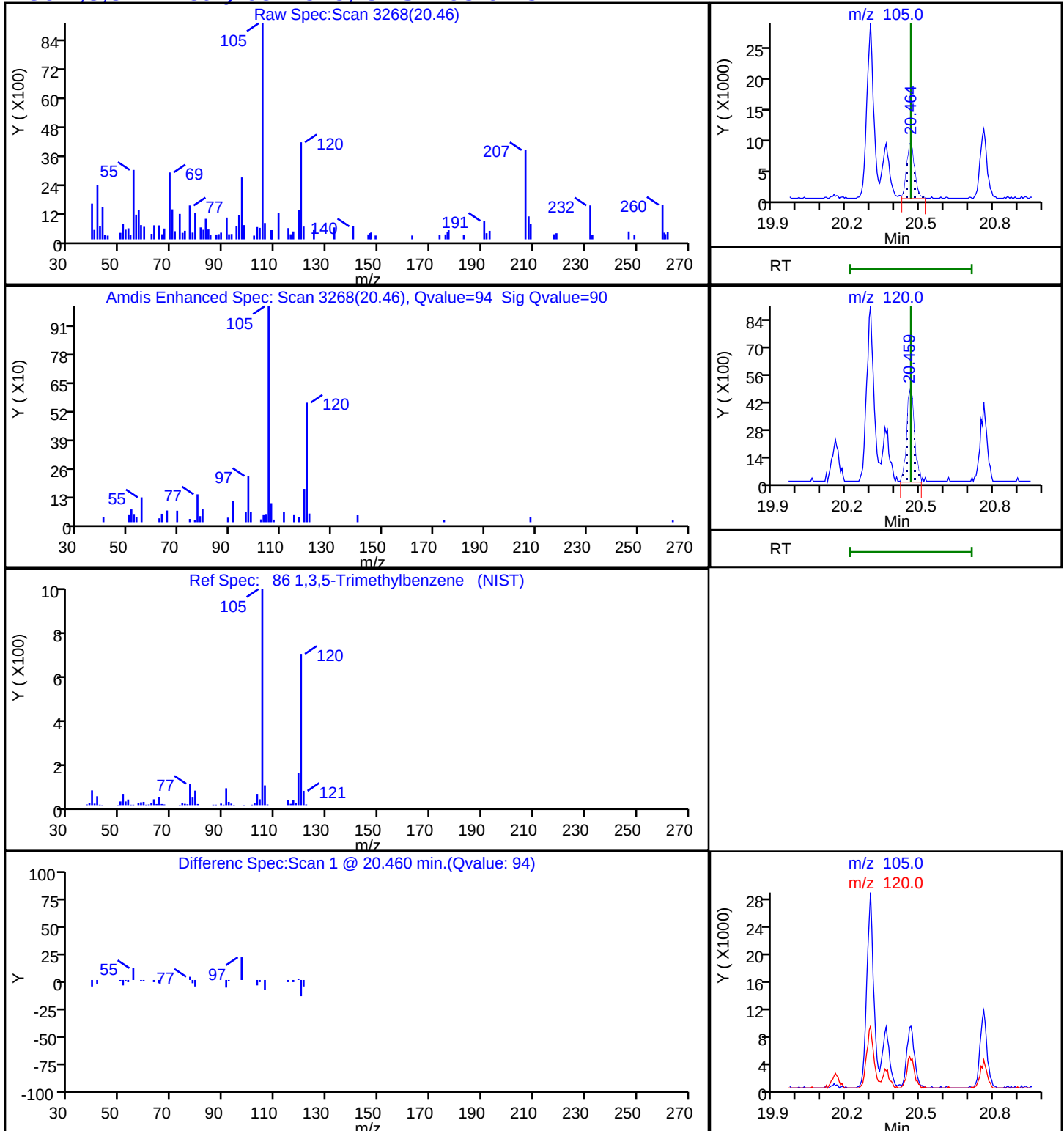
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

86 1,3,5-Trimethylbenzene, CAS: 108-67-8

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

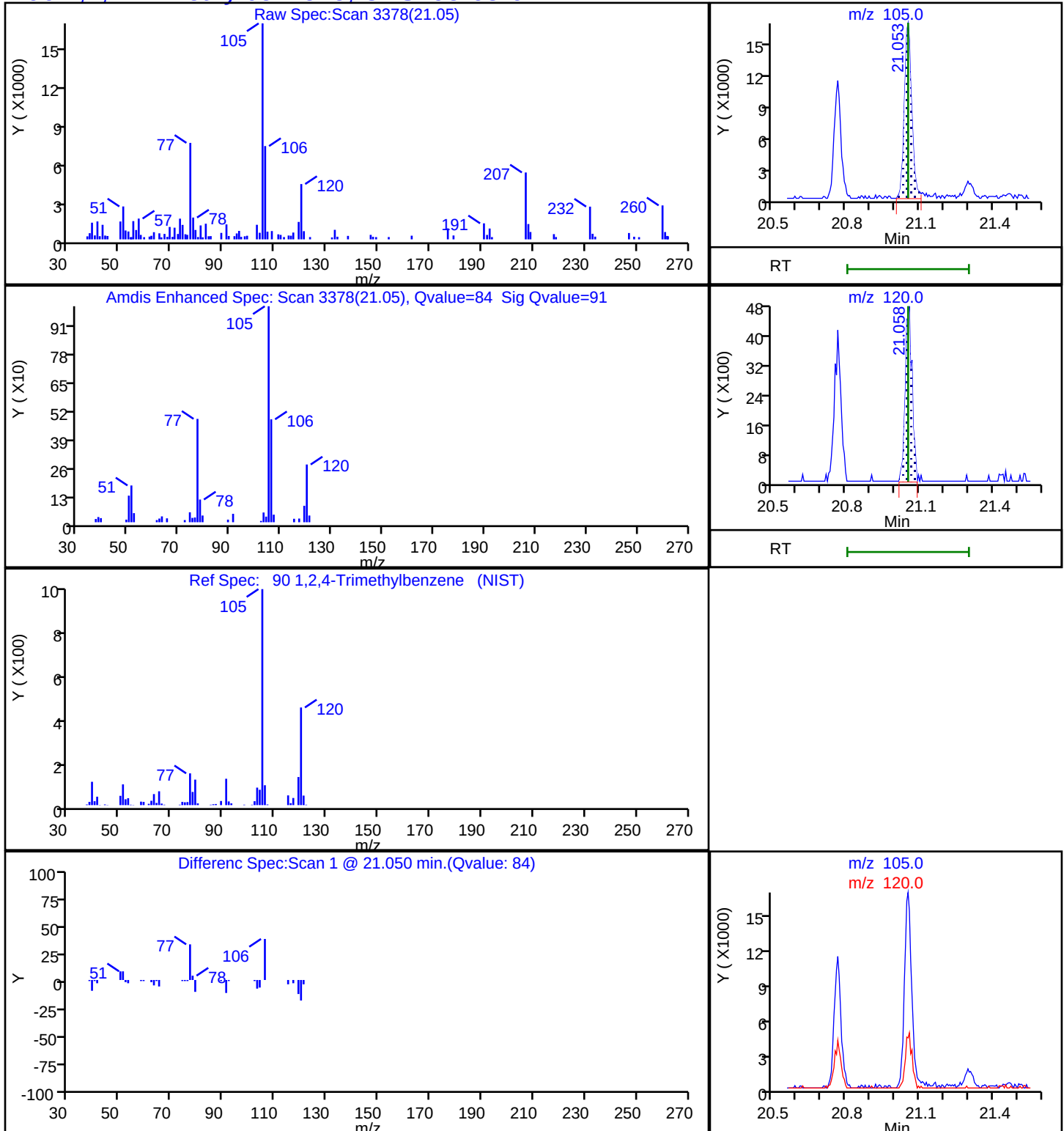
Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

90 1,2,4-Trimethylbenzene, CAS: 95-63-6

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

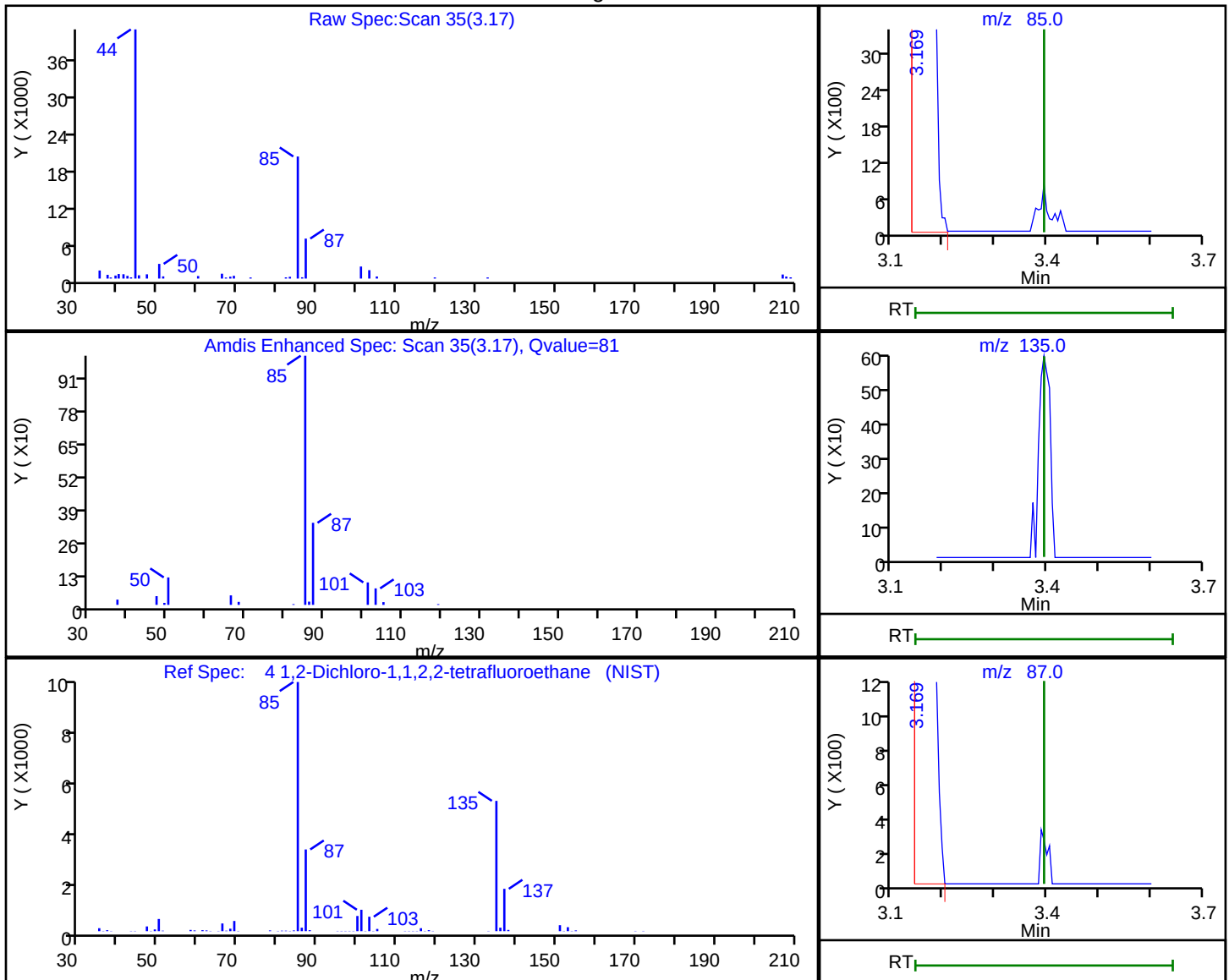
Limit Group: AI_TO15_ICAL

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
3.17	85.00	28258	0.445840
3.39	135.00	0	
3.17	87.00	9734	

Reviewer: BKZ7, 06-Dec-2022 07:54:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

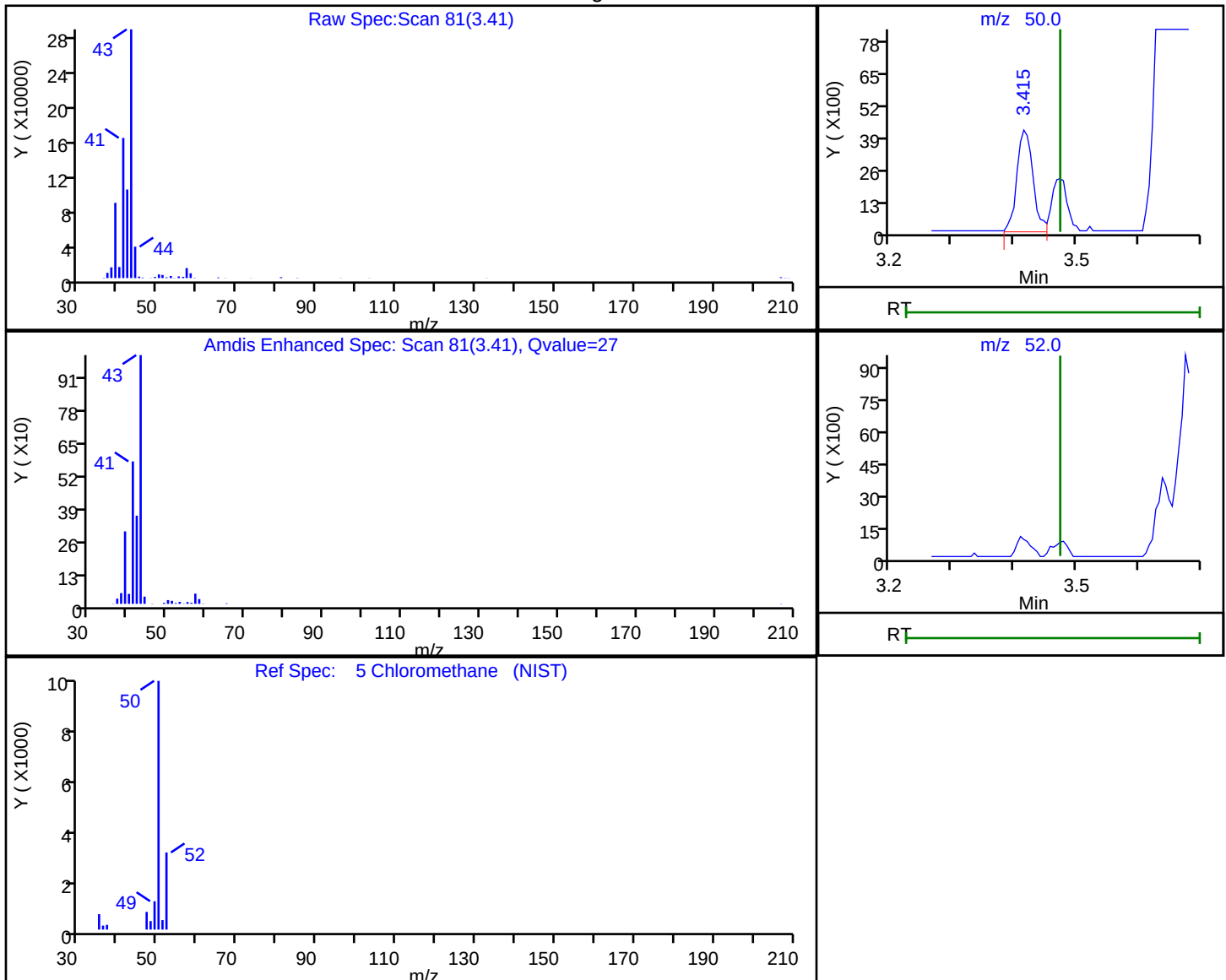
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

5 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
3.41	50.00	7356	0.542552
3.47	52.00	0	

Reviewer: BKZ7, 06-Dec-2022 07:54:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

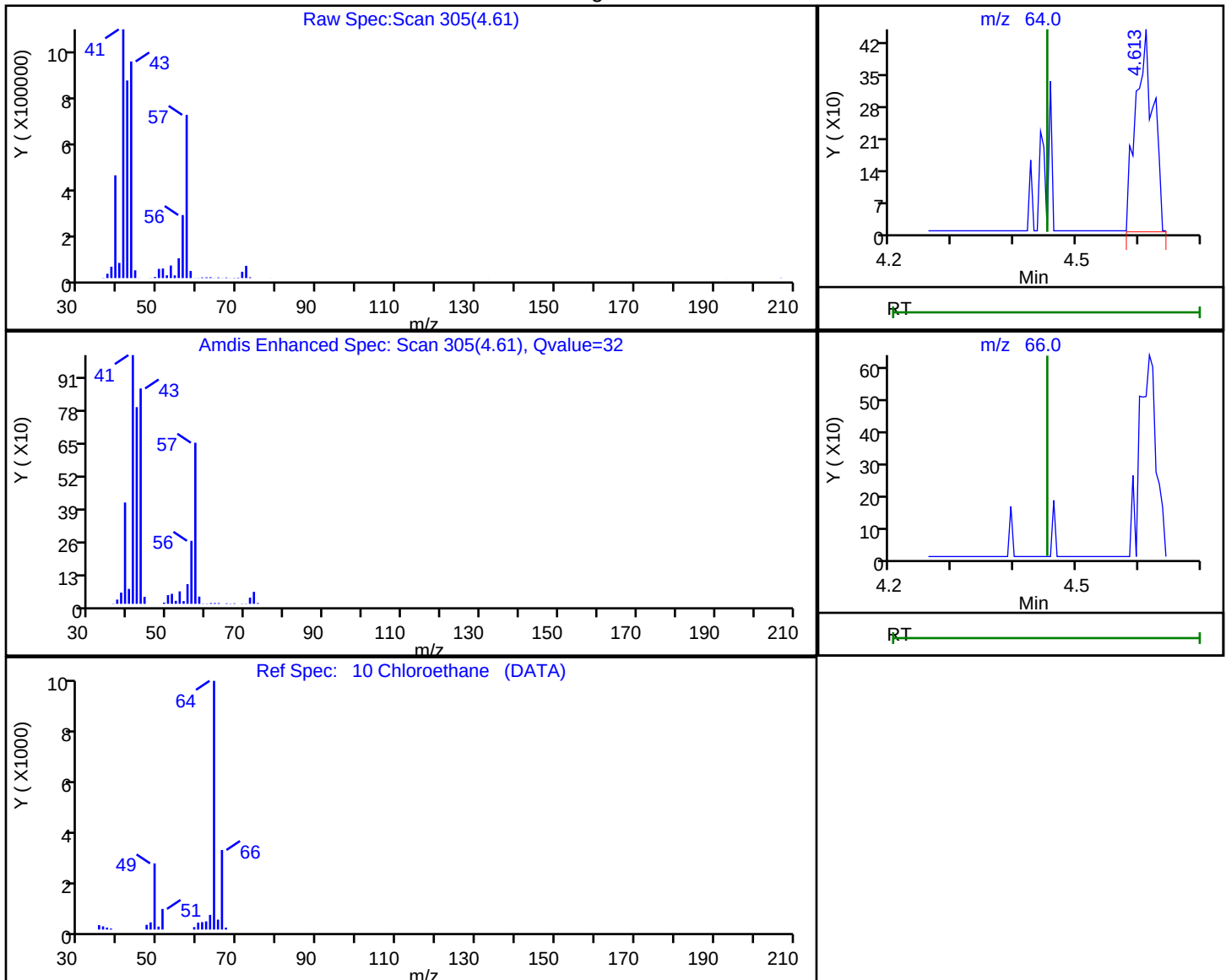
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
4.61	64.00	889	0.142753
4.45	66.00	0	

Reviewer: BKZ7, 06-Dec-2022 07:54:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

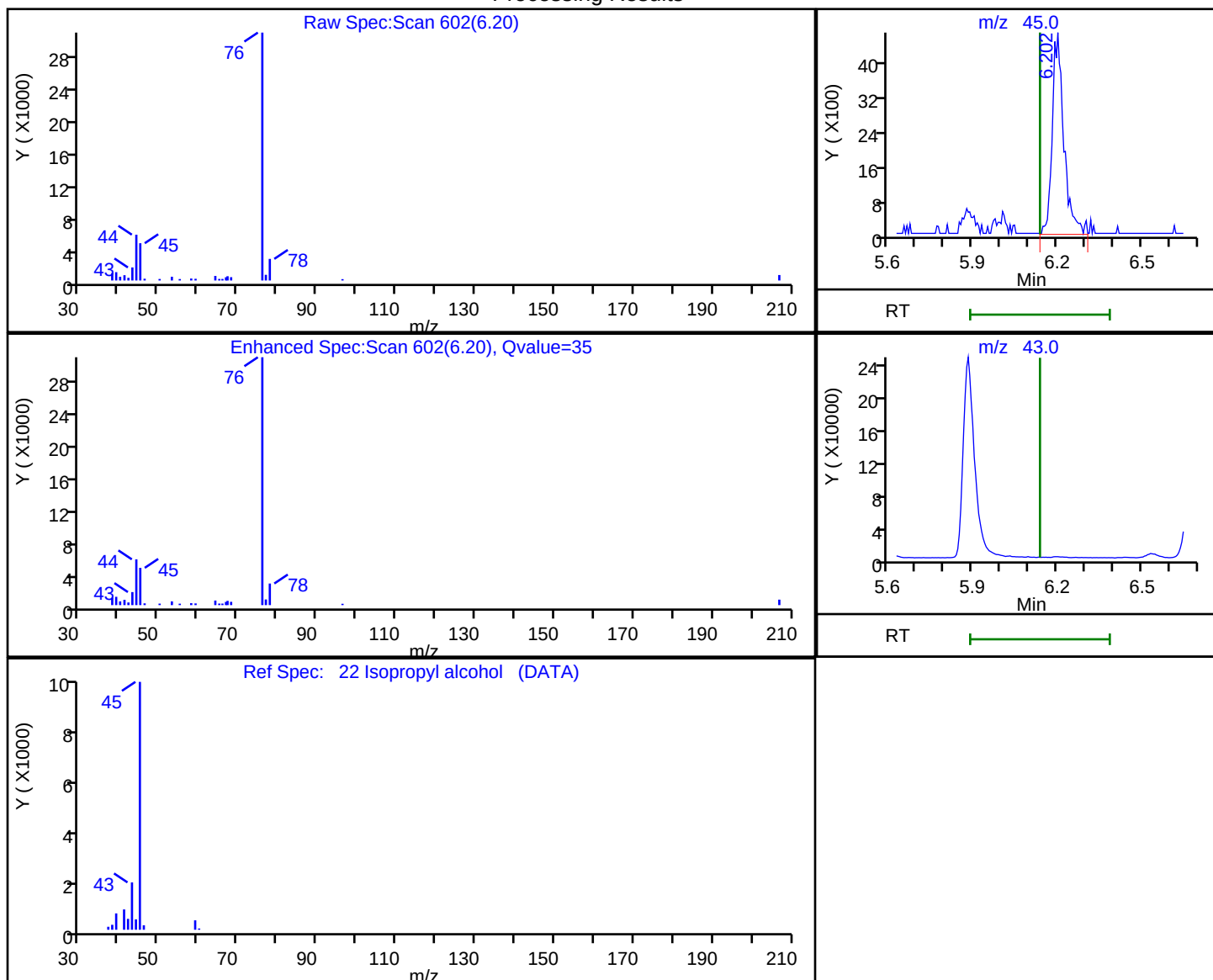
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

22 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
6.20	45.00	13208	0.659868
6.14	43.00	0	

Reviewer: BKZ7, 06-Dec-2022 07:54:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

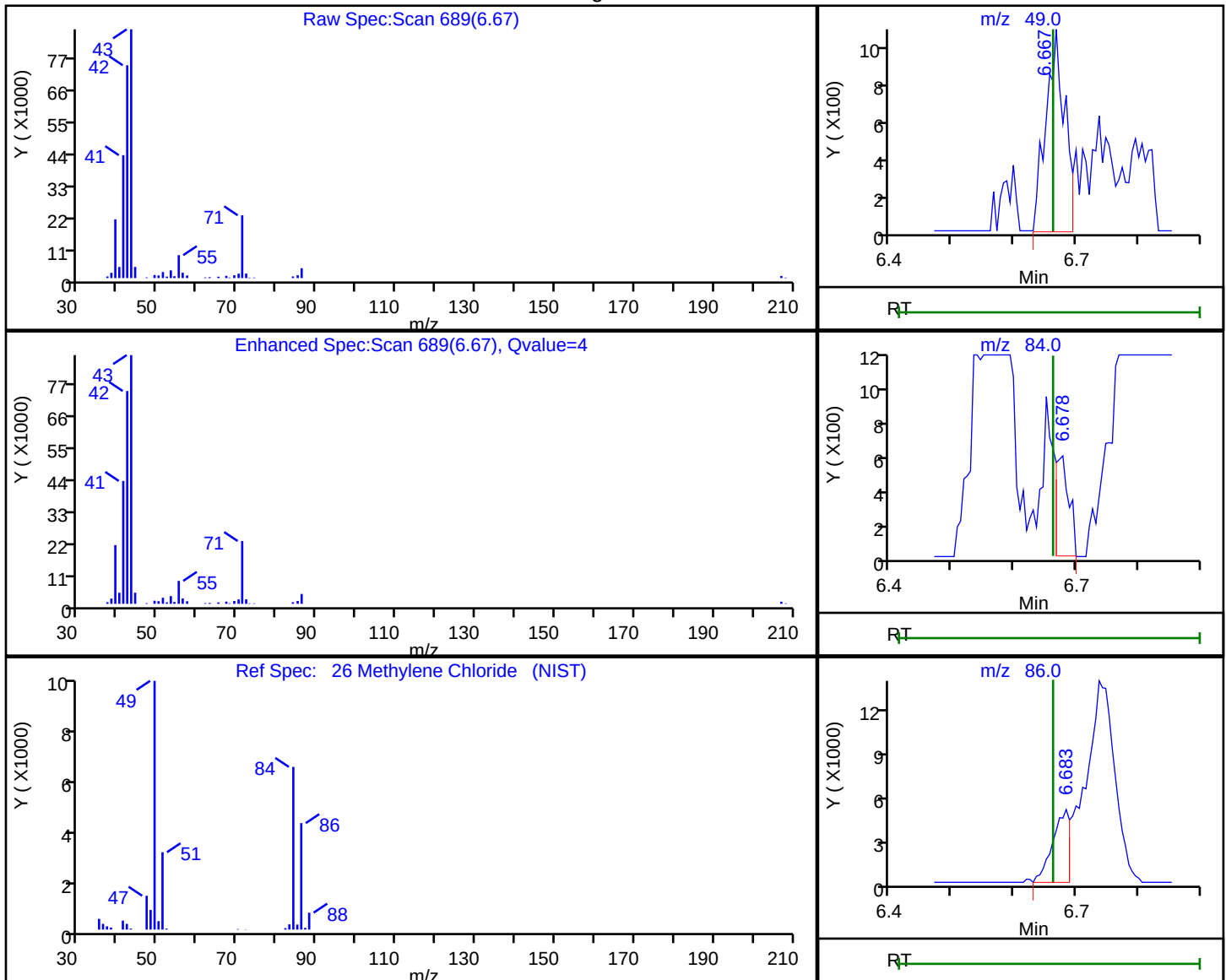
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

26 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
6.67	49.00	2255	0.135701
6.68	84.00	866	
6.68	86.00	9195	

Reviewer: BKZ7, 06-Dec-2022 07:54:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

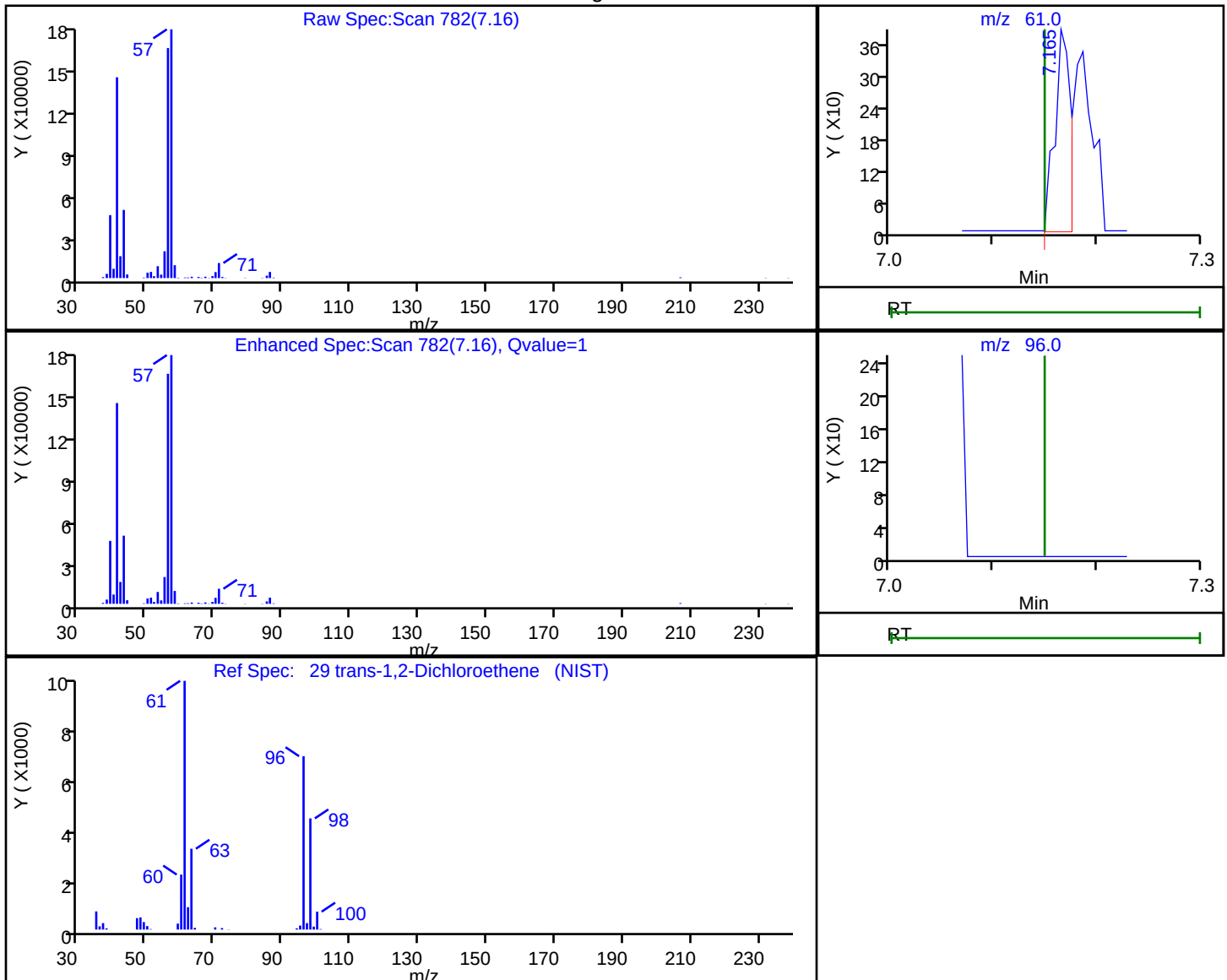
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
7.16	61.00	408	0.017520
7.15	96.00	0	

Reviewer: BKZ7, 06-Dec-2022 07:54:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

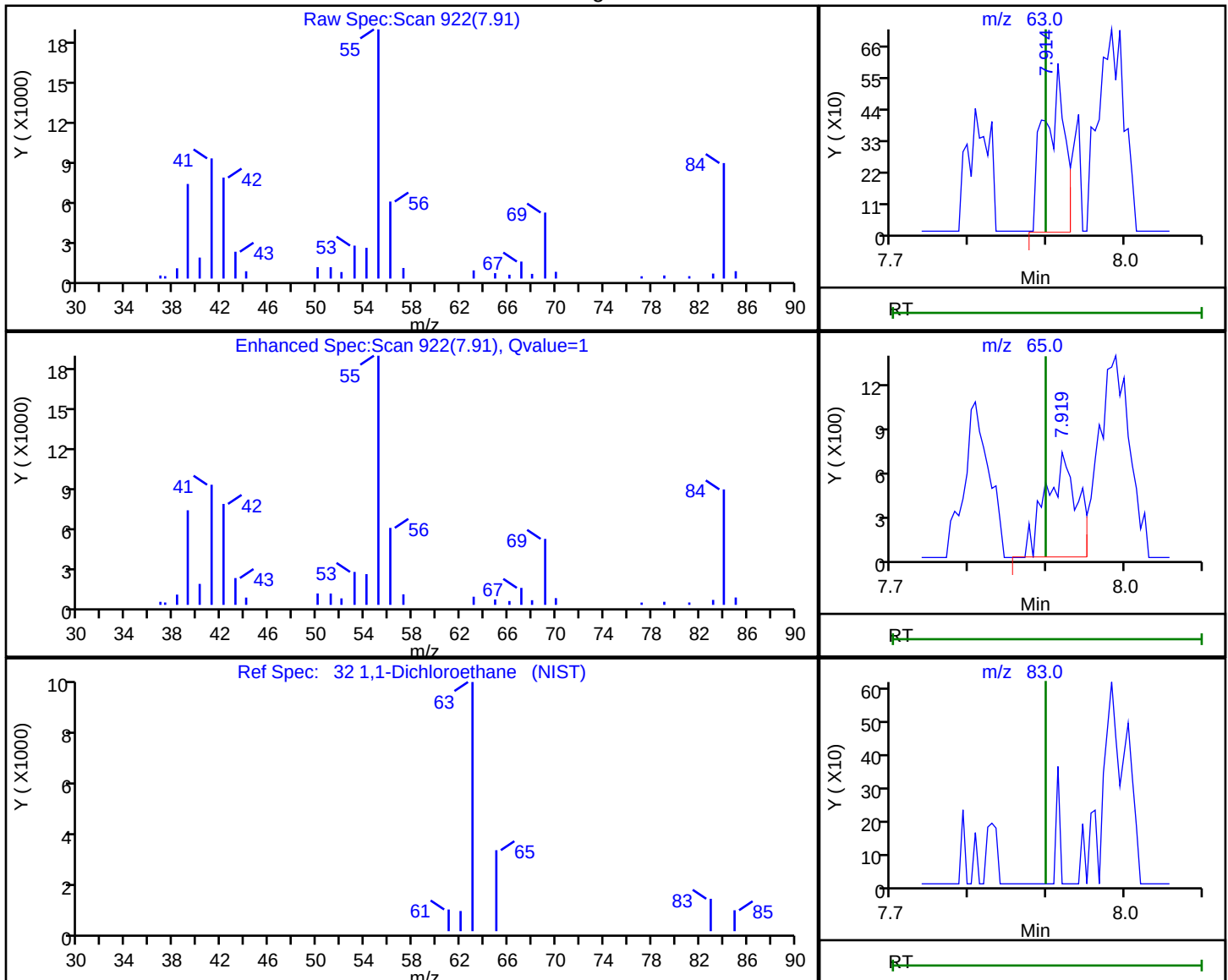
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

32 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
7.91	63.00	1065	0.040918
7.92	65.00	1874	
7.90	83.00	0	

Reviewer: BKZ7, 06-Dec-2022 07:54:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

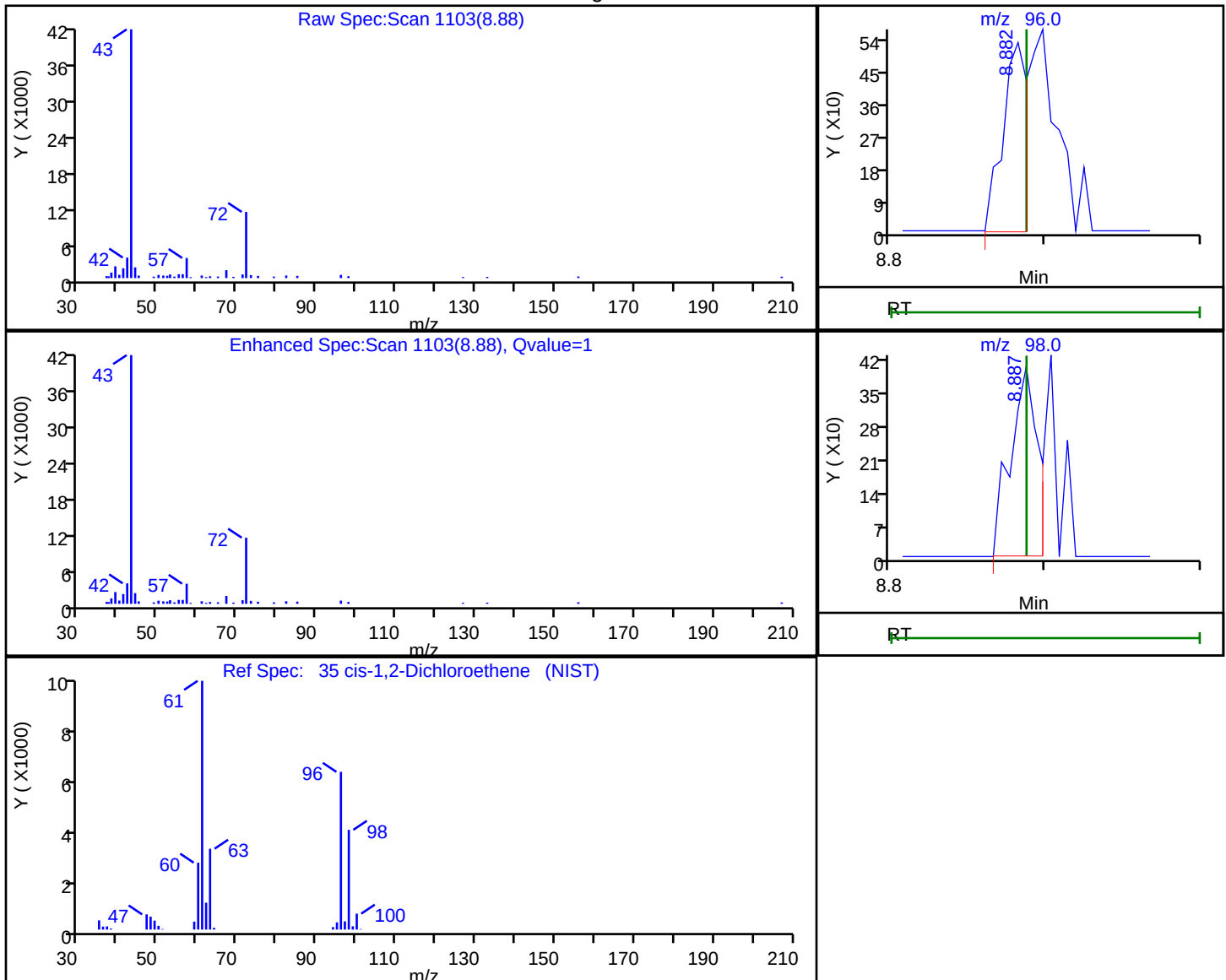
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
8.88	96.00	577	0.031301
8.89	98.00	500	

Reviewer: BKZ7, 06-Dec-2022 07:54:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

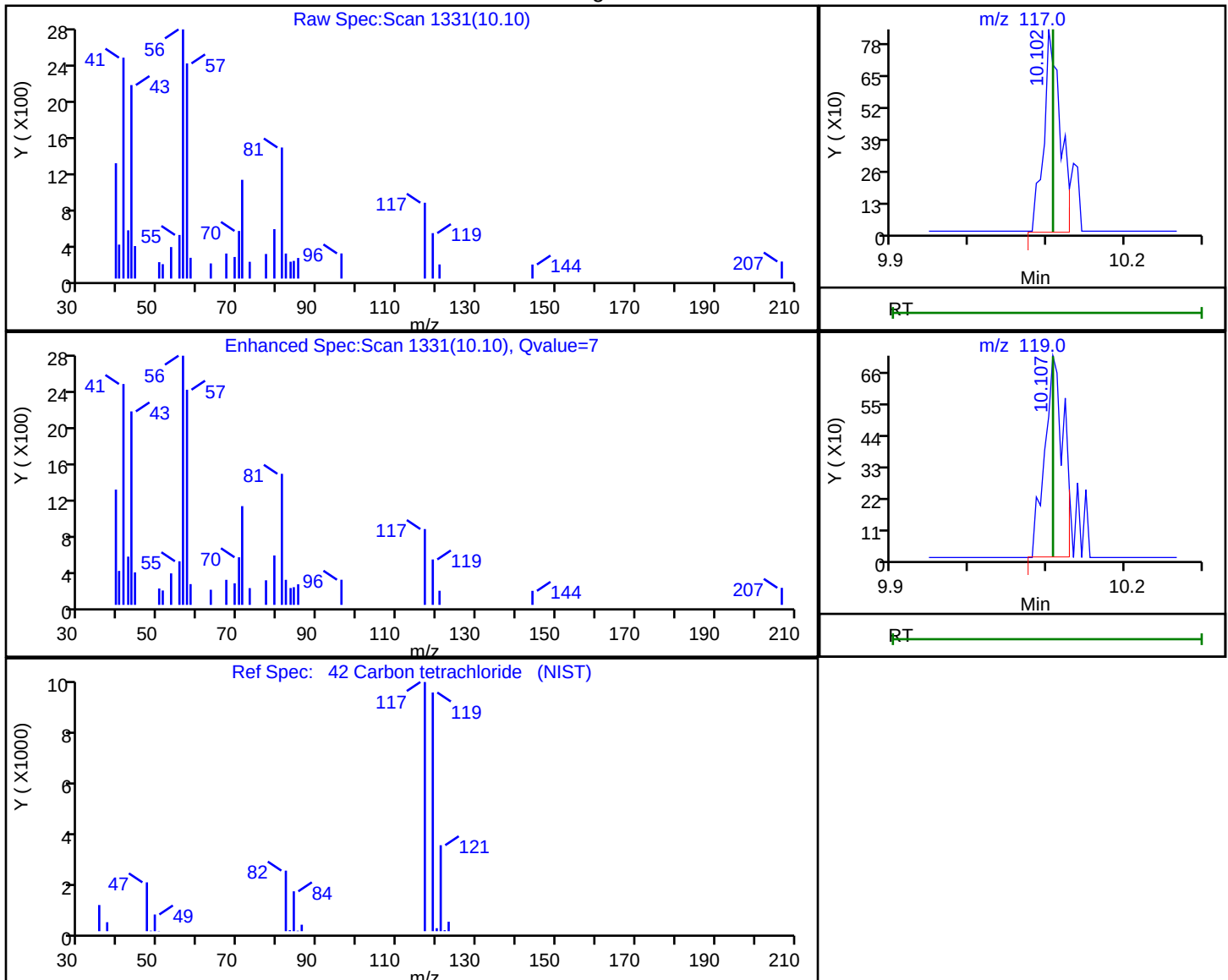
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

42 Carbon tetrachloride, CAS: 56-23-5

Processing Results



RT	Mass	Response	Amount
10.10	117.00	1229	0.021864
10.11	119.00	1210	

Reviewer: BKZ7, 06-Dec-2022 07:55:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

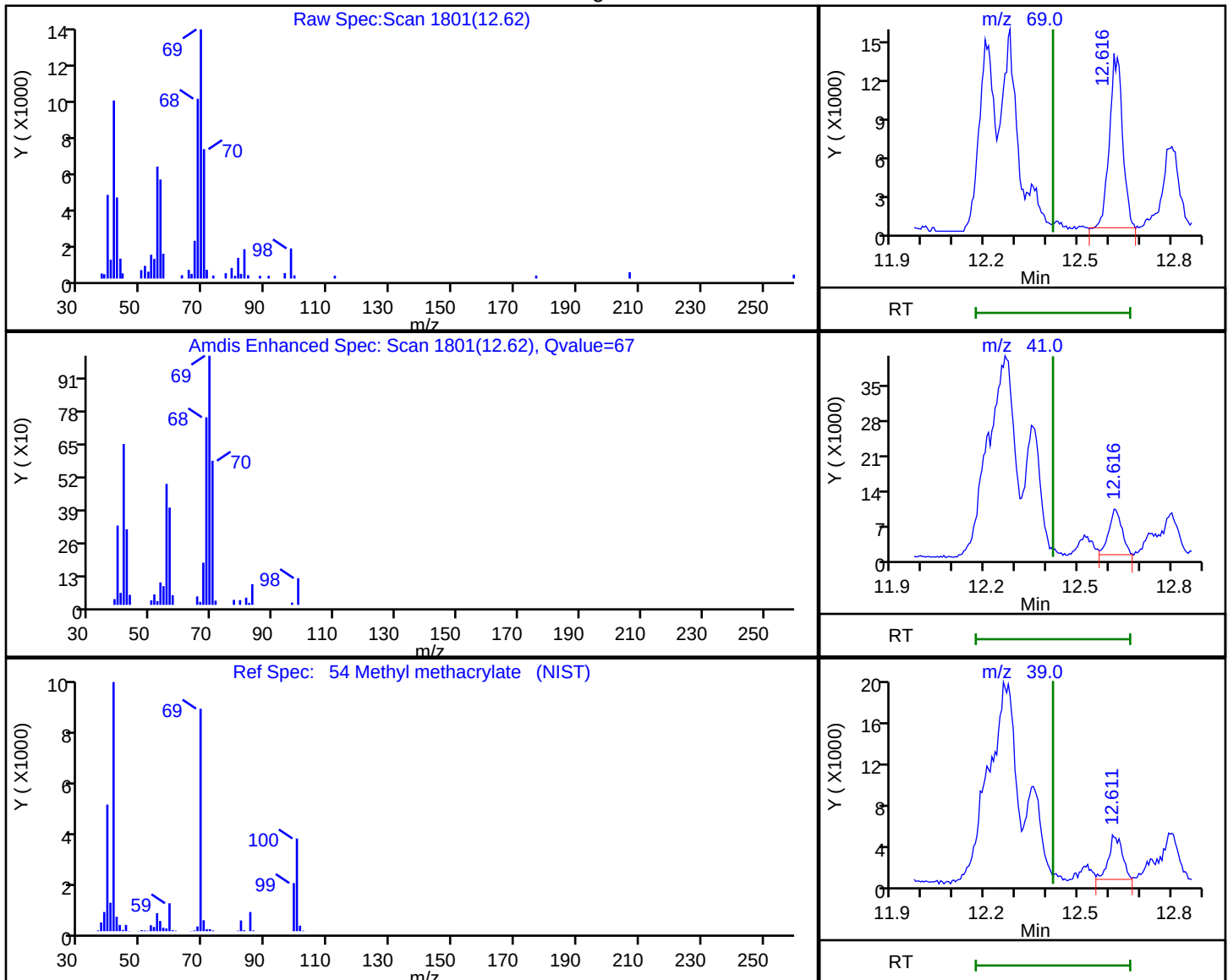
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

54 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
12.62	69.00	39853	2.504042
12.62	41.00	26287	
12.61	39.00	14087	

Reviewer: BKZ7, 06-Dec-2022 07:55:13

Audit Action: Marked Compound Undetected

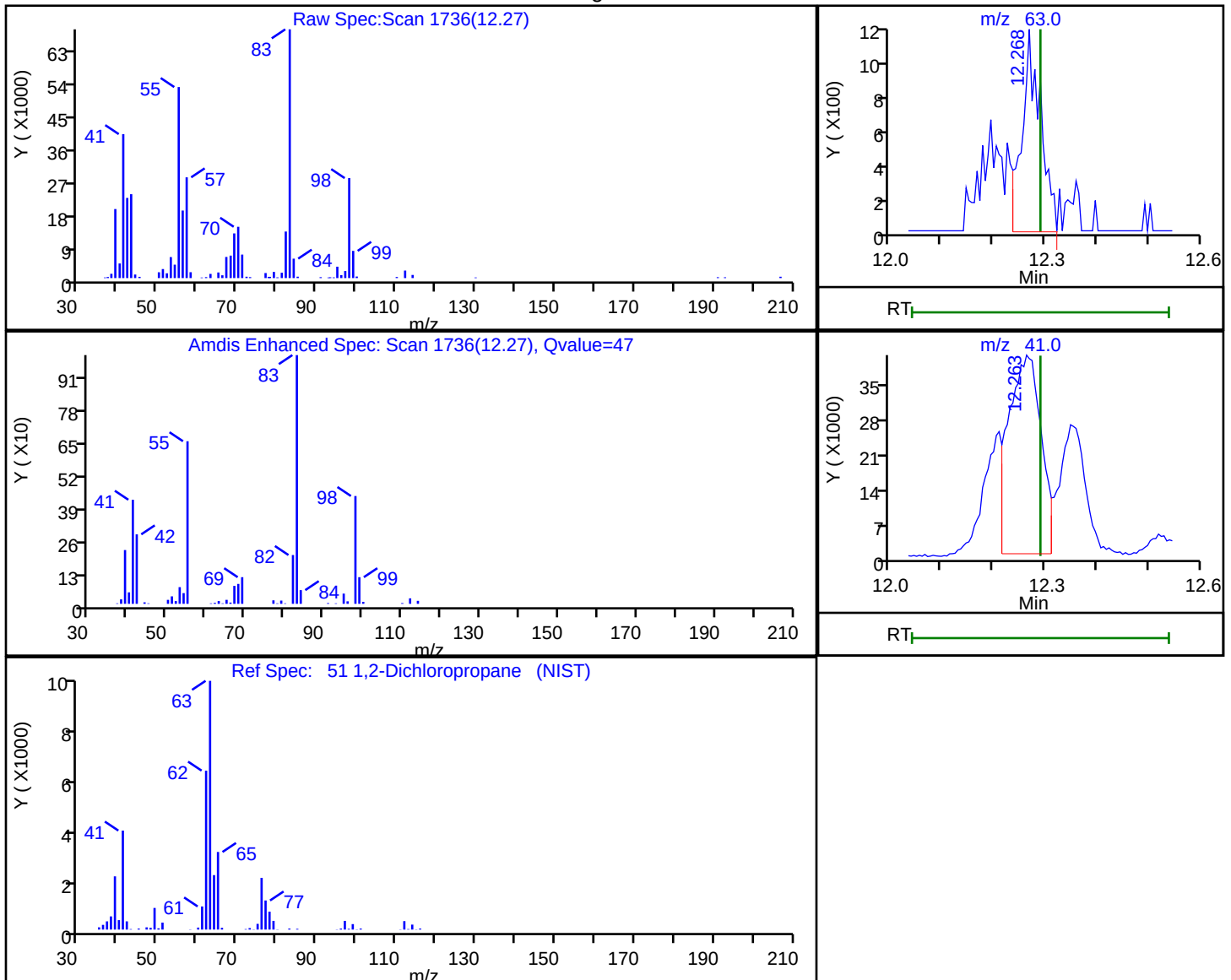
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D
Injection Date: 06-Dec-2022 01:46:30 Instrument ID: CHG.i
Lims ID: 200-65967-A-2 Lab Sample ID: 200-65967-2
Client ID: SV-2
Operator ID: vtp ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

51 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
12.27	63.00	2835	0.154622
12.26	41.00	172922	

Reviewer: BKZ7, 06-Dec-2022 07:55:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

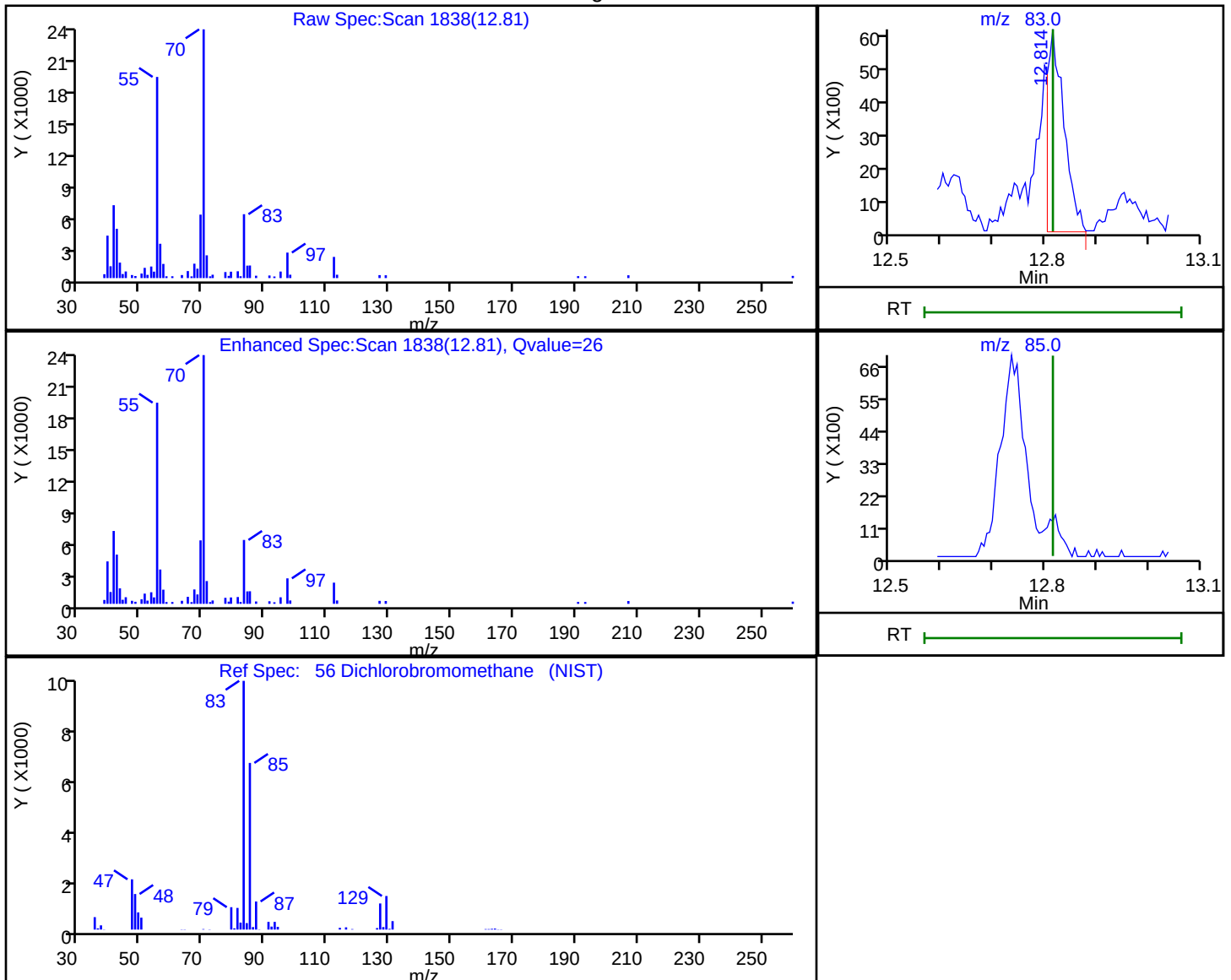
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

56 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
12.81	83.00	13519	0.243280
12.81	85.00	0	

Reviewer: BKZ7, 06-Dec-2022 07:55:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

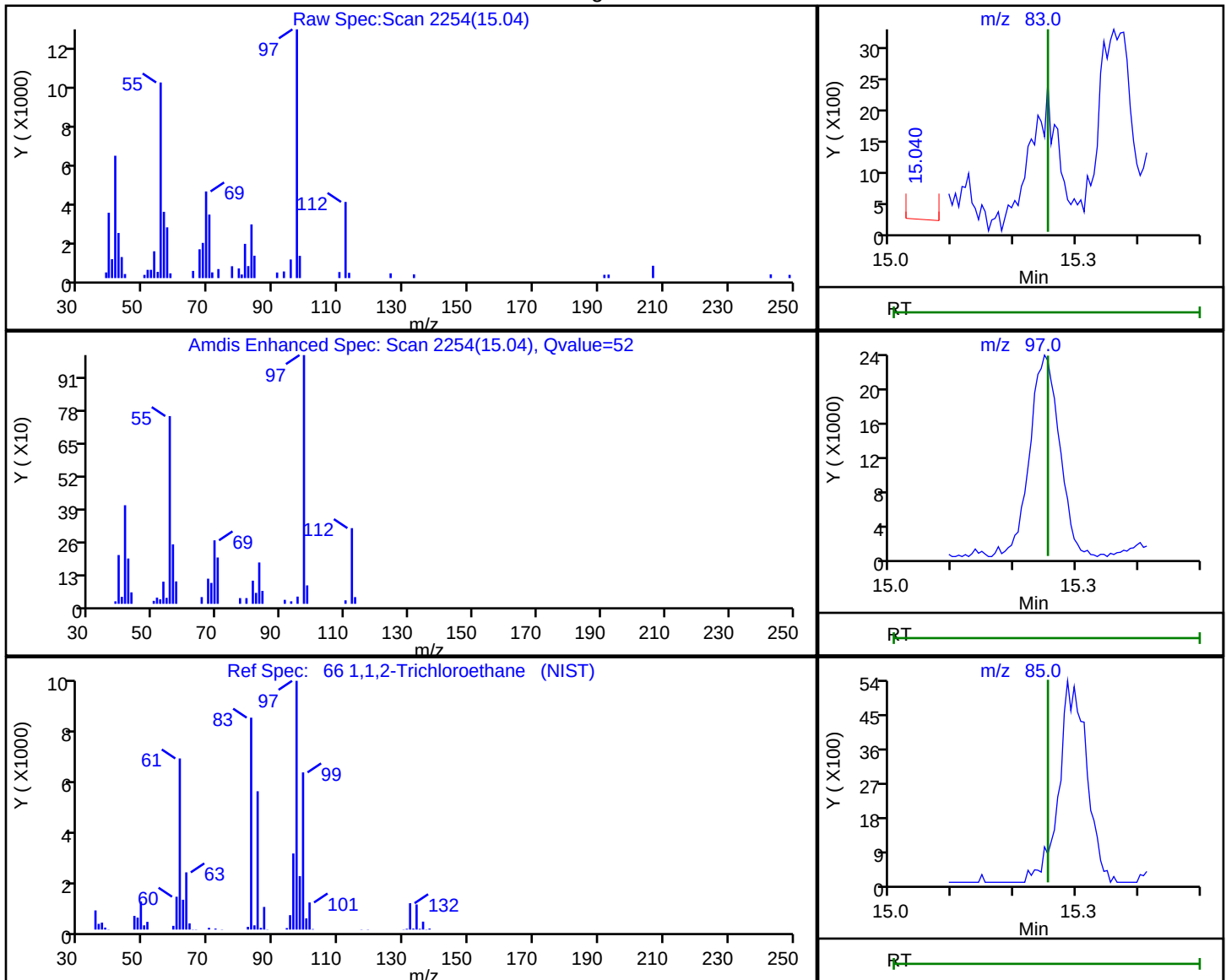
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
15.04	83.00	4518	0.196638
15.03	97.00	41370	
15.25	85.00	0	

Reviewer: BKZ7, 06-Dec-2022 07:55:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

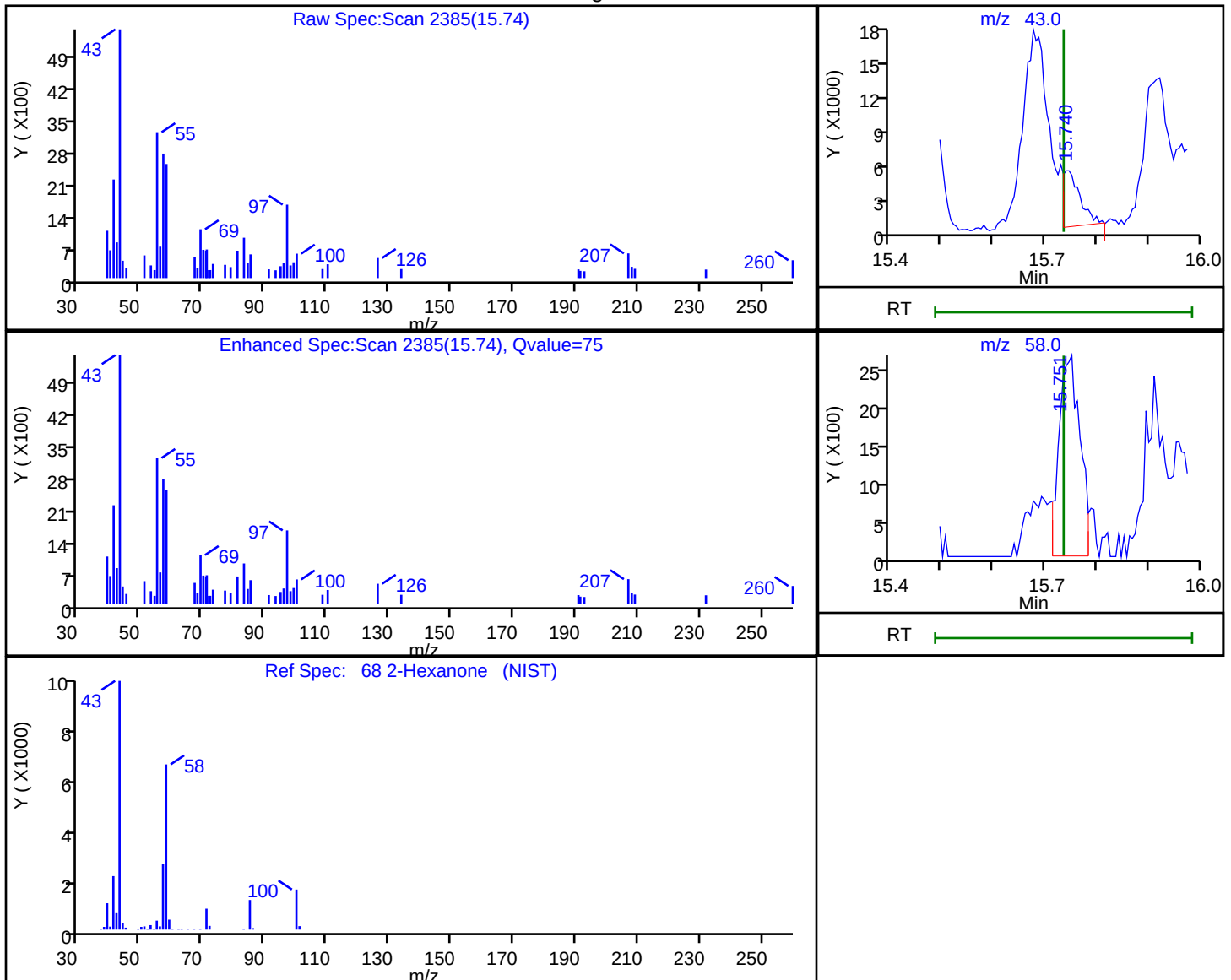
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

68 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
15.74	43.00	10705	0.329063
15.75	58.00	7524	

Reviewer: BKZ7, 06-Dec-2022 07:55:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

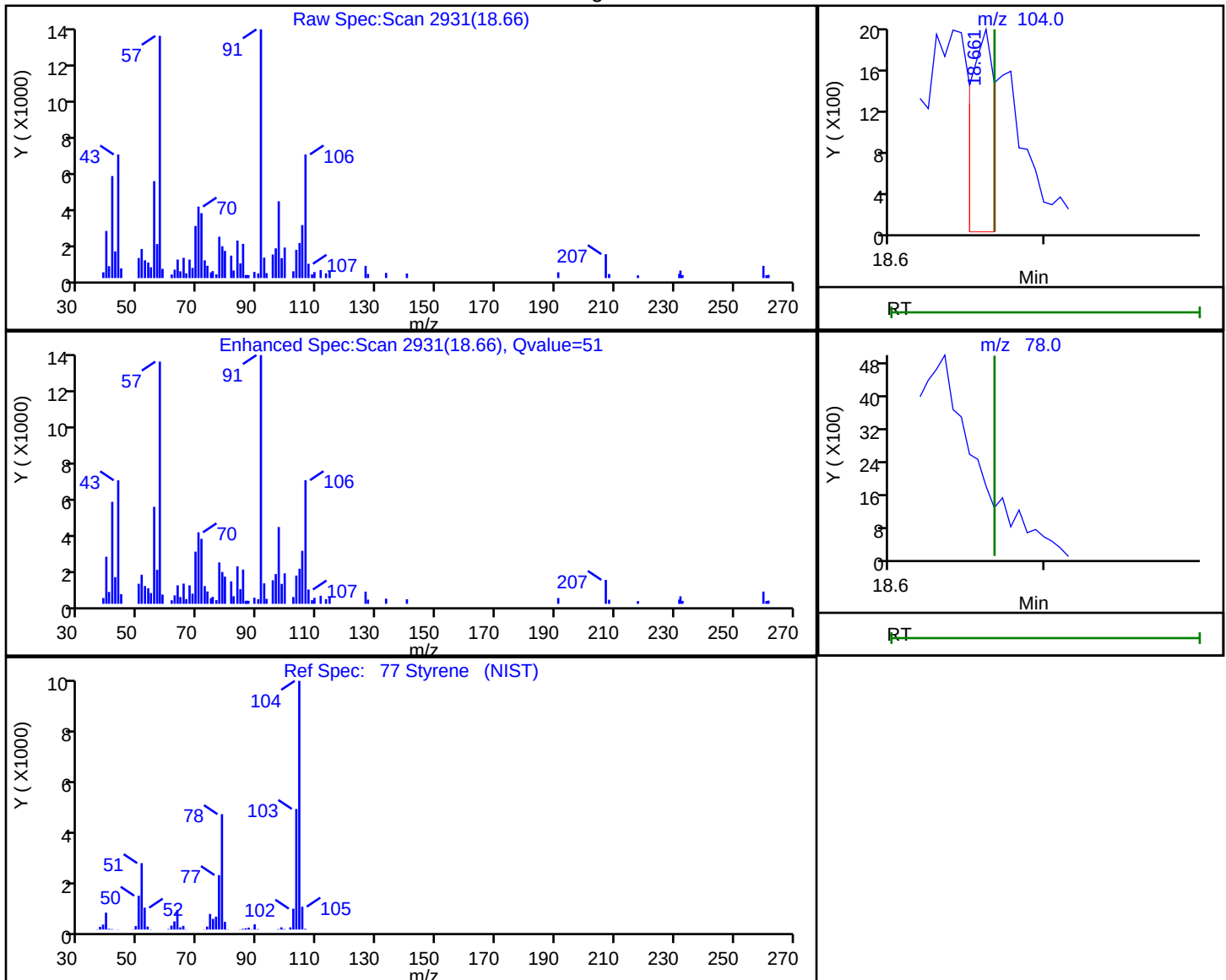
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

77 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
18.66	104.00	2049	0.034396
18.67	78.00	0	

Reviewer: BKZ7, 06-Dec-2022 07:55:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

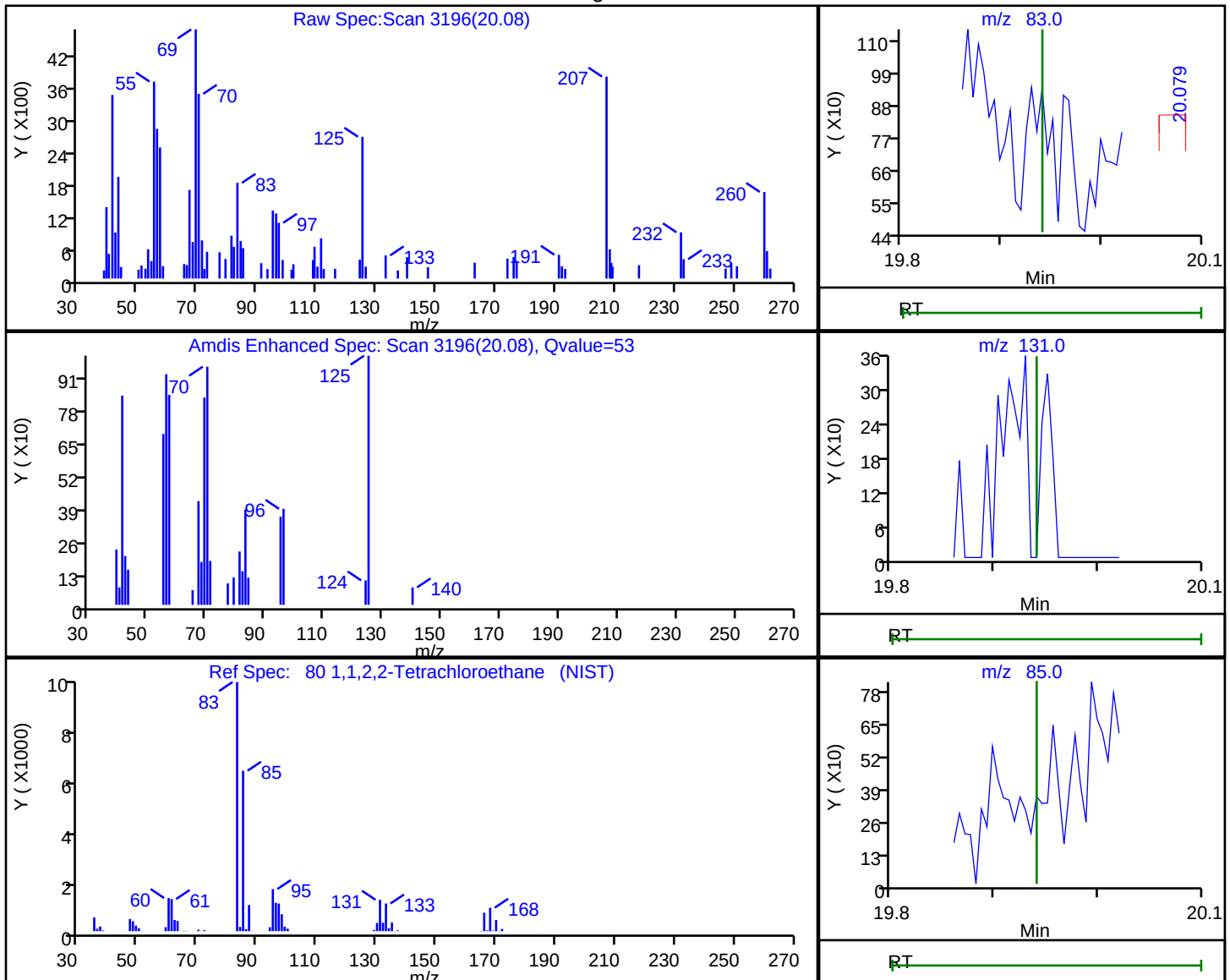
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

80 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
20.08	83.00	1126	0.019217
19.94	131.00	0	
19.94	85.00	0	

Reviewer: BKZ7, 06-Dec-2022 07:55:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

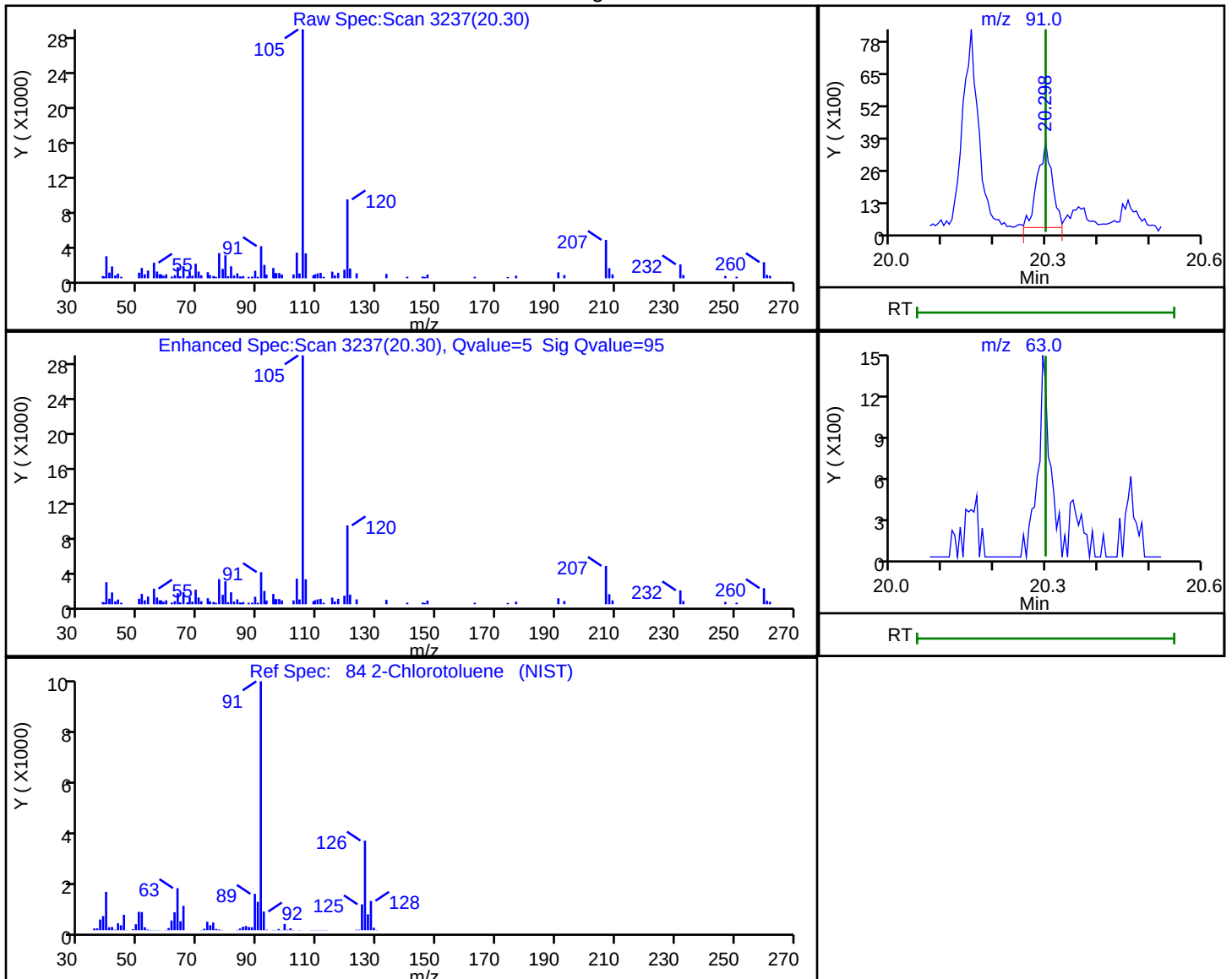
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

84 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
20.30	91.00	7148	0.088810
20.30	63.00	0	

Reviewer: BKZ7, 06-Dec-2022 07:56:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

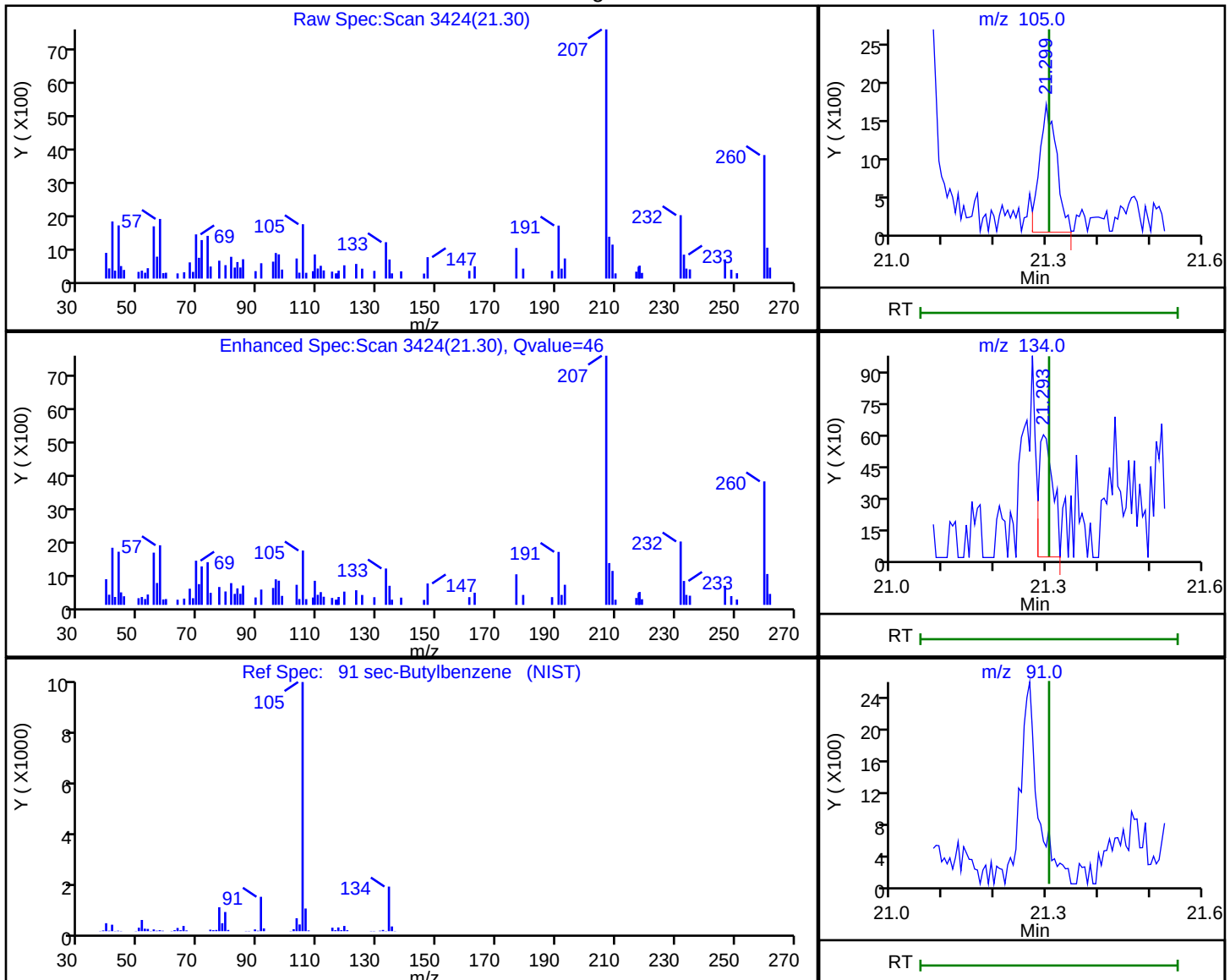
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

91 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
21.30	105.00	3721	0.030794
21.29	134.00	1109	
21.30	91.00	0	

Reviewer: BKZ7, 06-Dec-2022 07:56:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

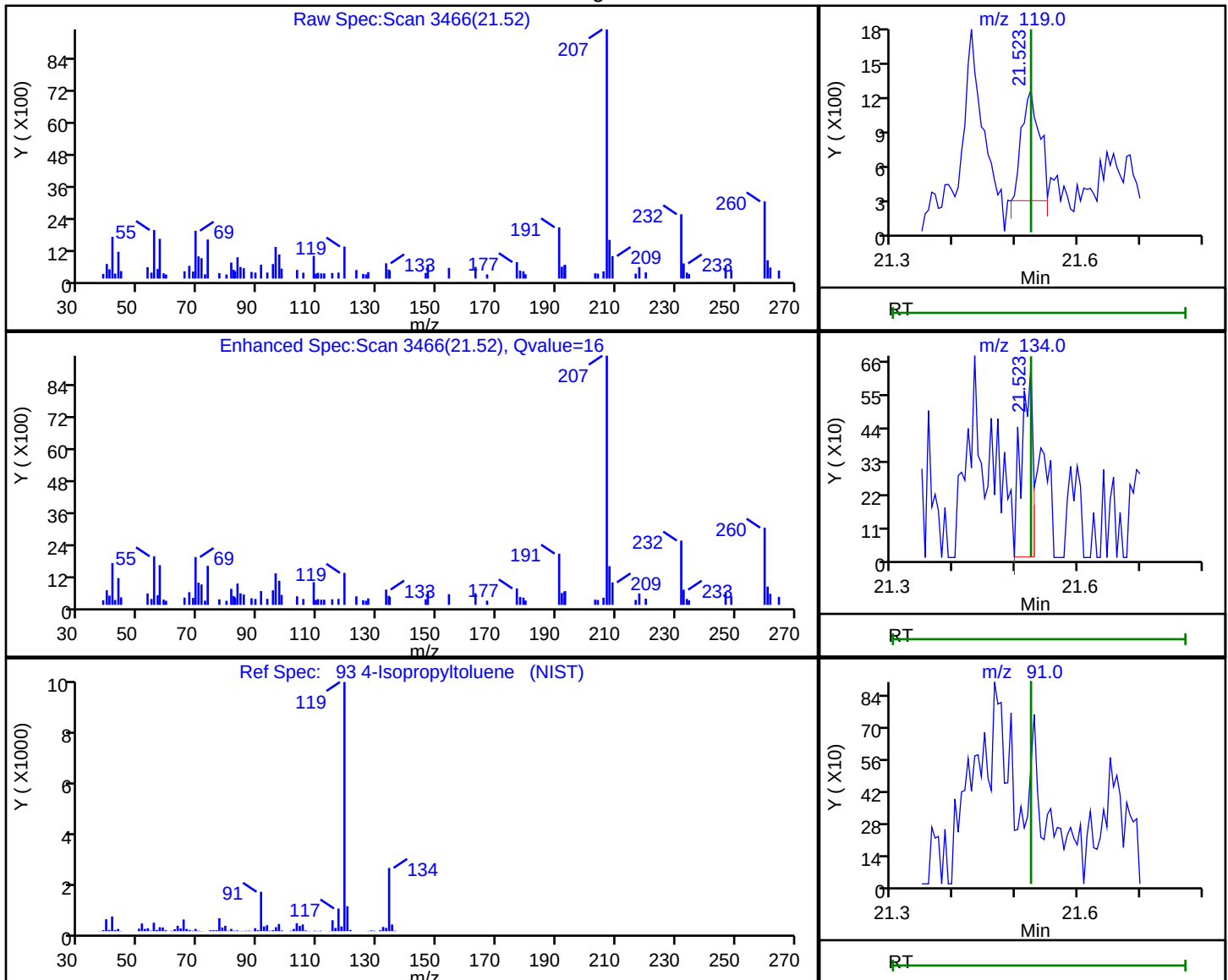
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

93 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
21.52	119.00	1903	0.018190
21.52	134.00	821	
21.52	91.00	0	

Reviewer: BKZ7, 06-Dec-2022 07:56:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

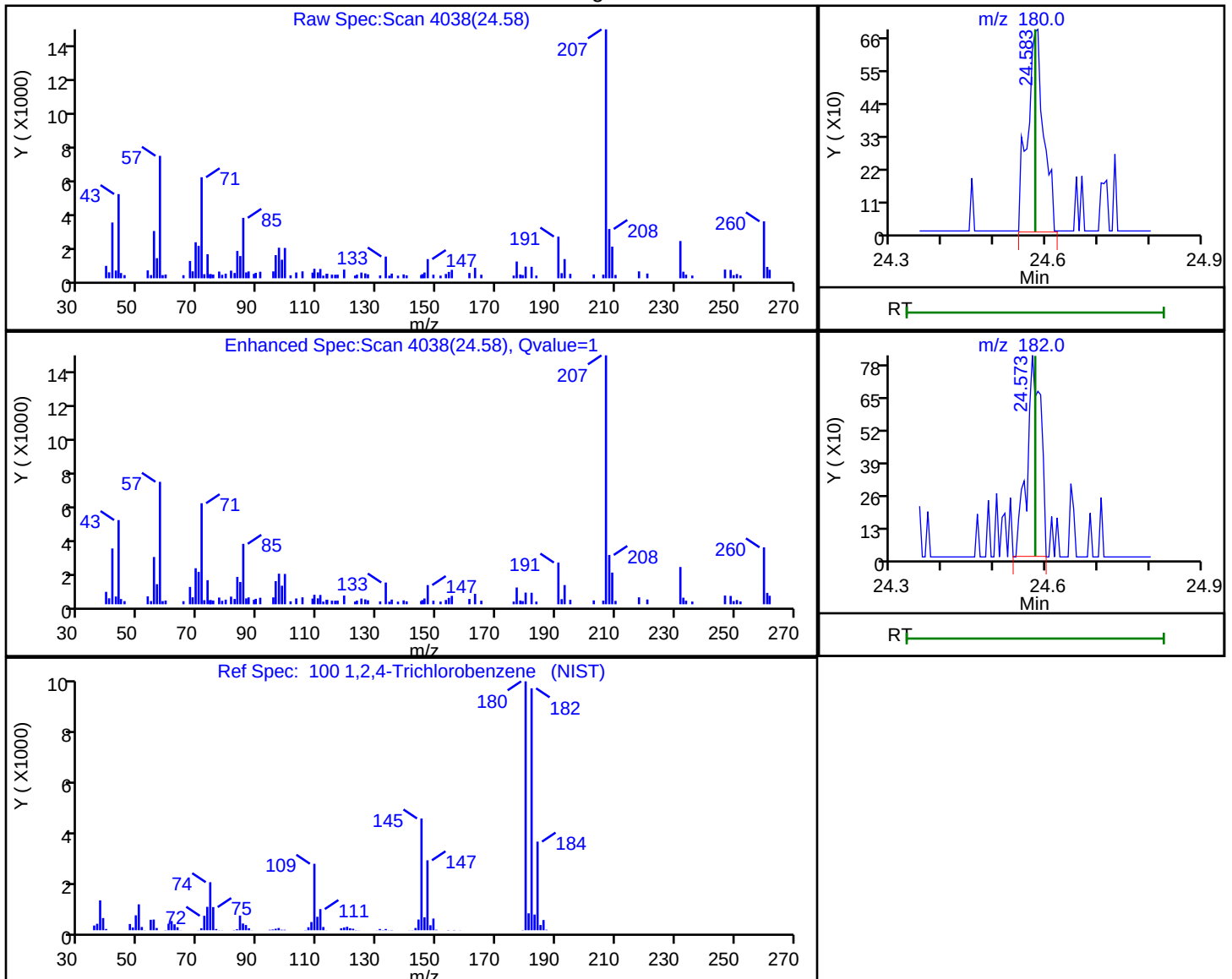
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

100 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
24.58	180.00	1479	0.018887
24.57	182.00	1517	

Reviewer: BKZ7, 06-Dec-2022 07:56:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

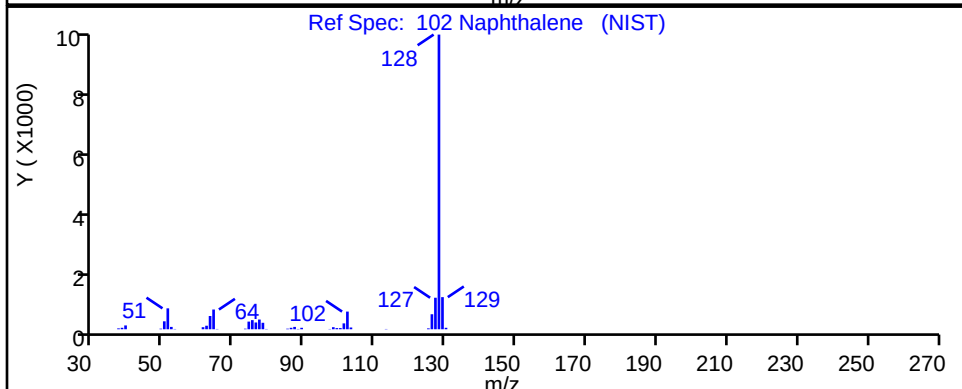
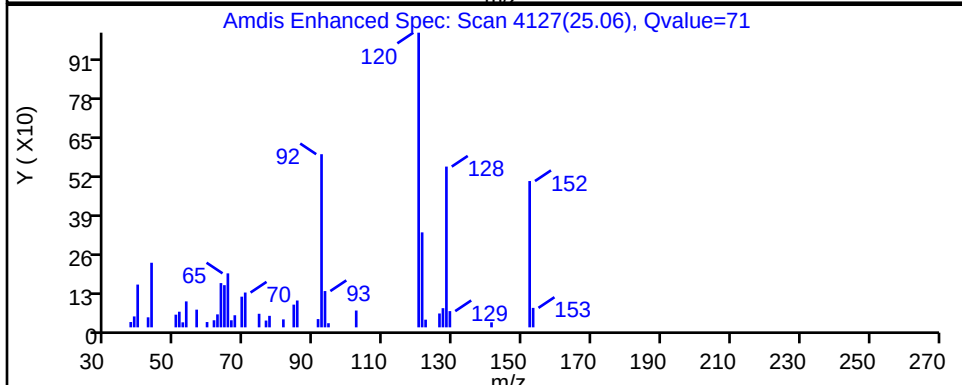
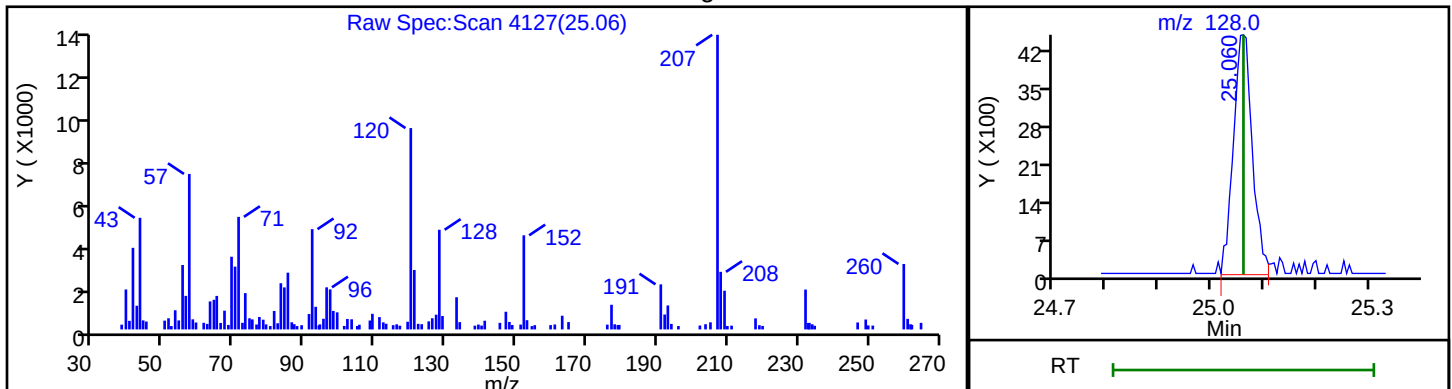
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

102 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
25.06	128.00	11307	0.080847

Reviewer: BKZ7, 06-Dec-2022 07:56:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

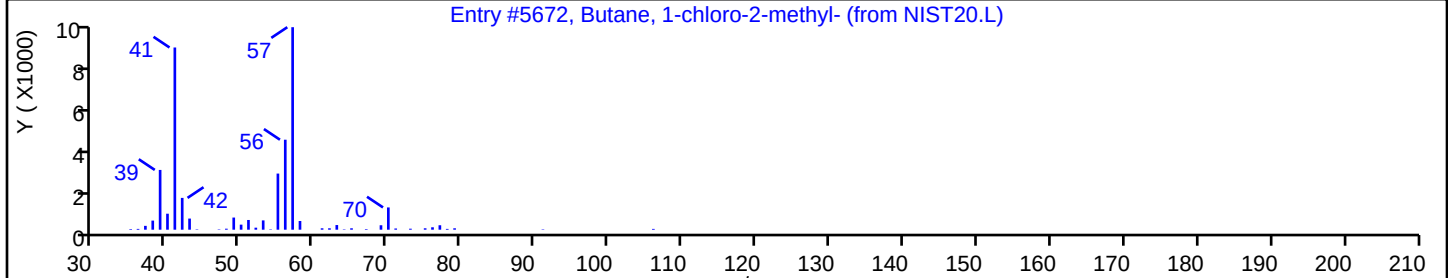
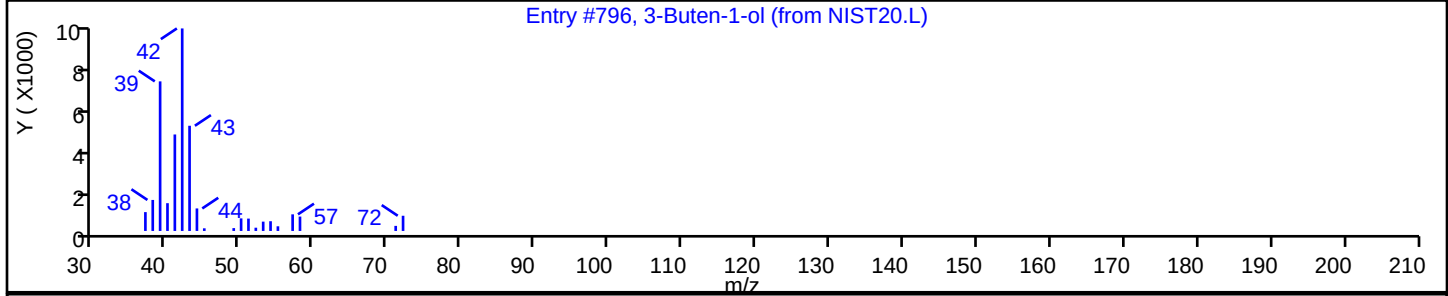
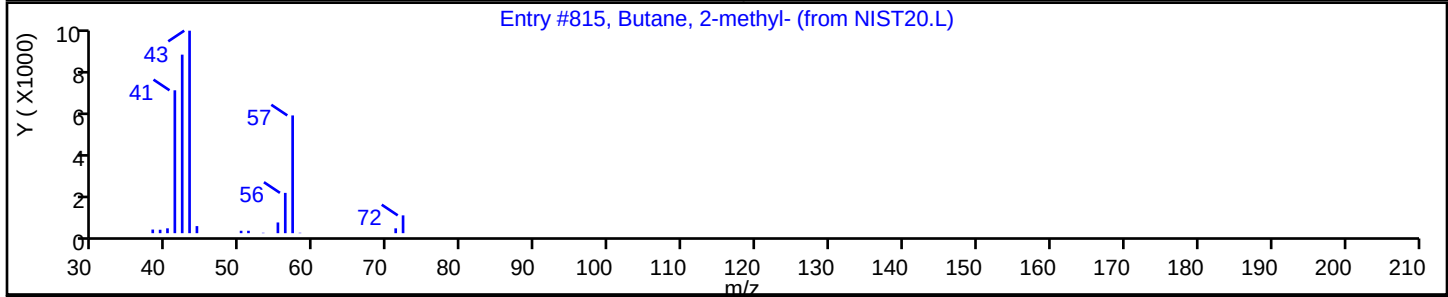
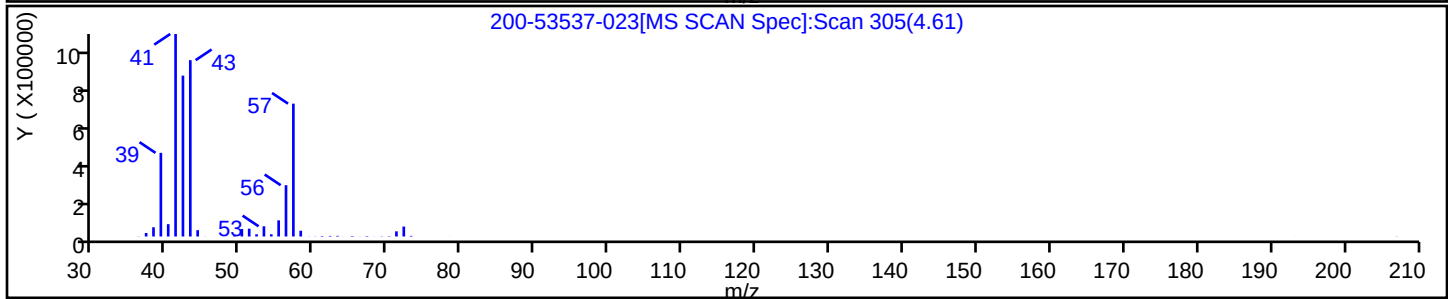
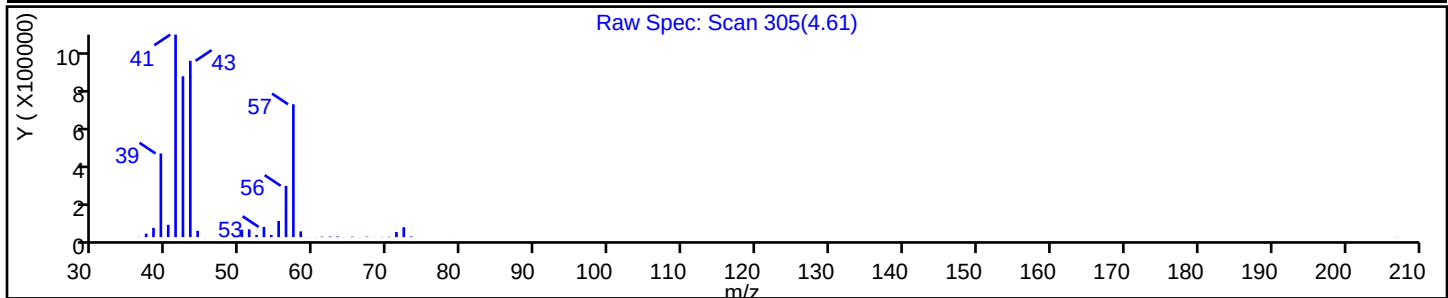
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Butane, 2-methyl-	78-78-4	NIST20.L	815	C5H12	72	53
3-Buten-1-ol	627-27-0	NIST20.L	796	C4H8O	72	36
Butane, 1-chloro-2-methyl-	616-13-7	NIST20.L	5672	C5H11Cl	106	10



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

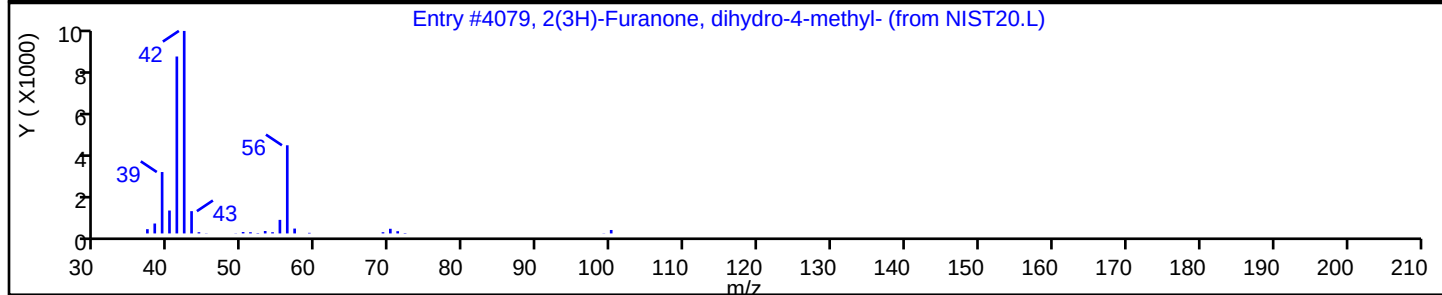
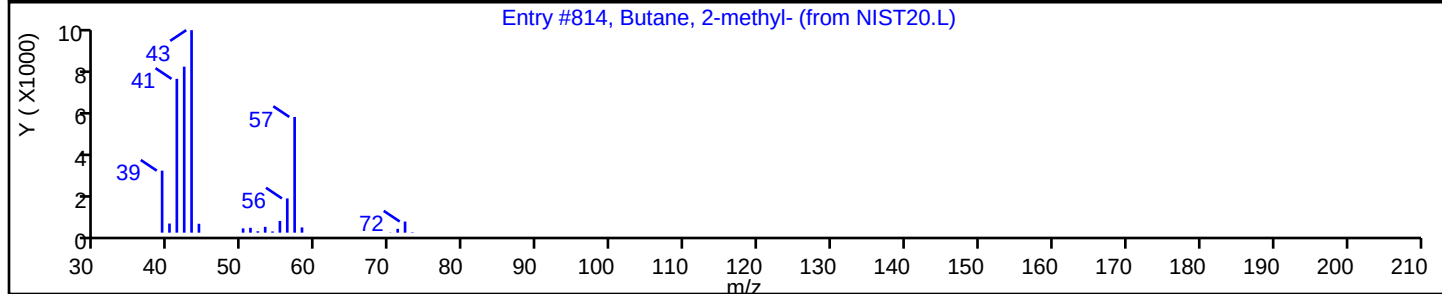
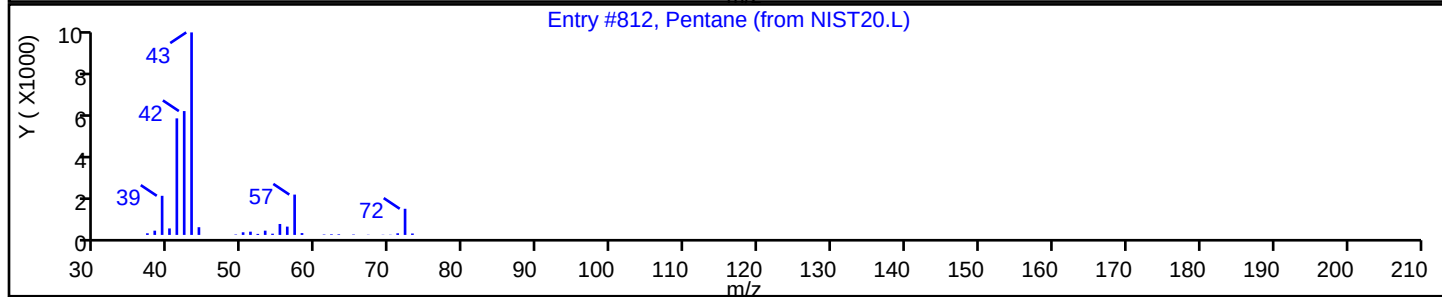
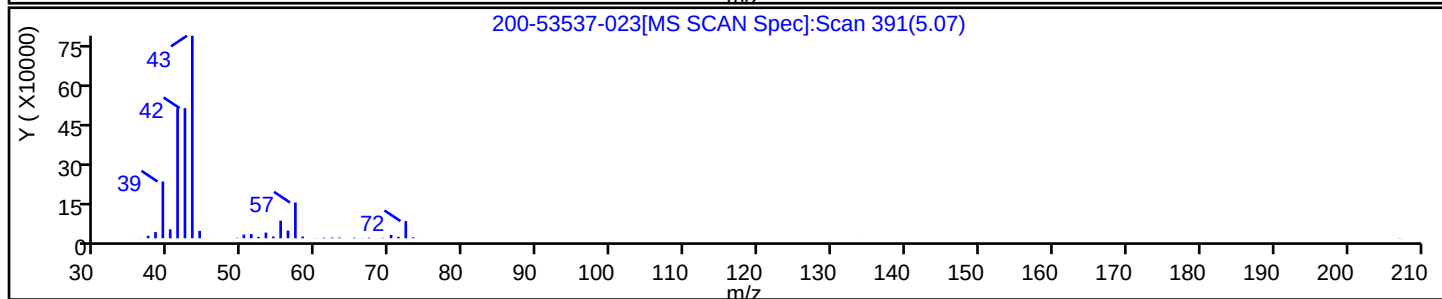
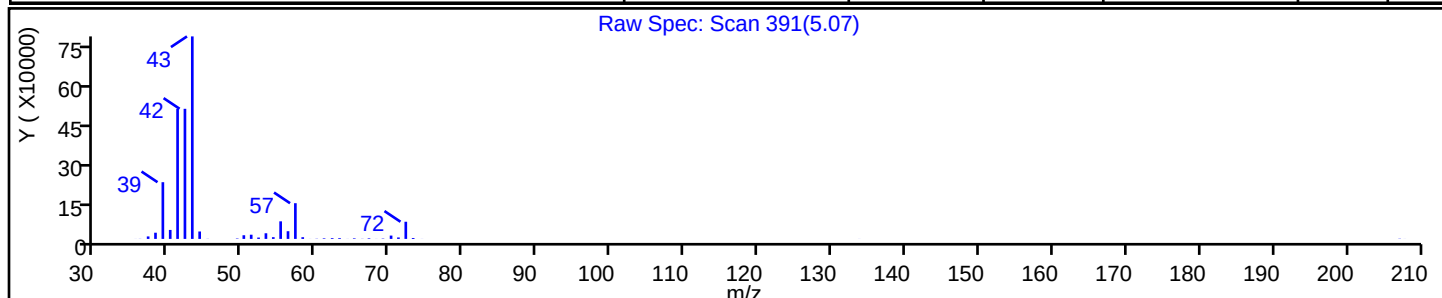
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane	109-66-0	NIST20.L	812	C5H12	72	90
Butane, 2-methyl-	78-78-4	NIST20.L	814	C5H12	72	64
2(3H)-Furanone, dihydro-4-methyl-	1679-49-8	NIST20.L	4079	C5H8O2	100	28



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

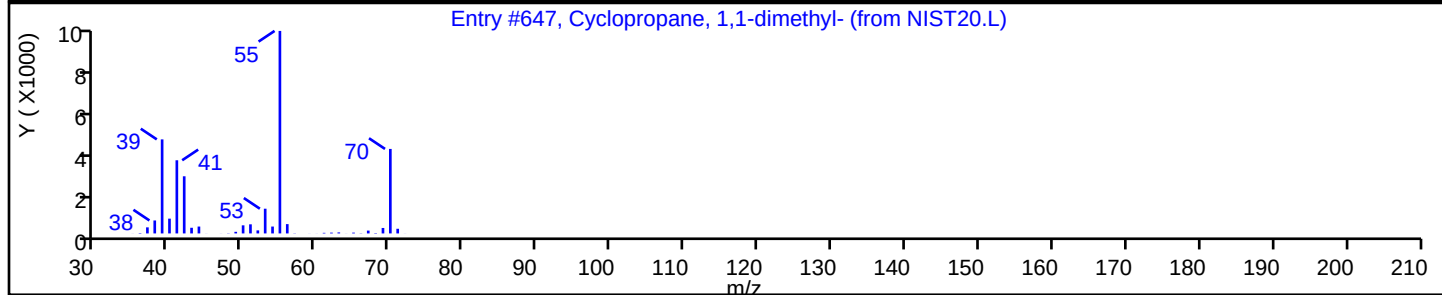
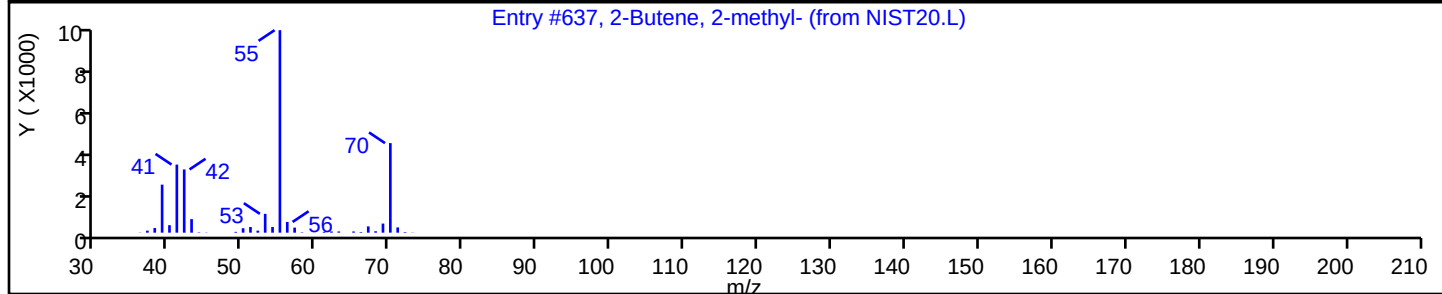
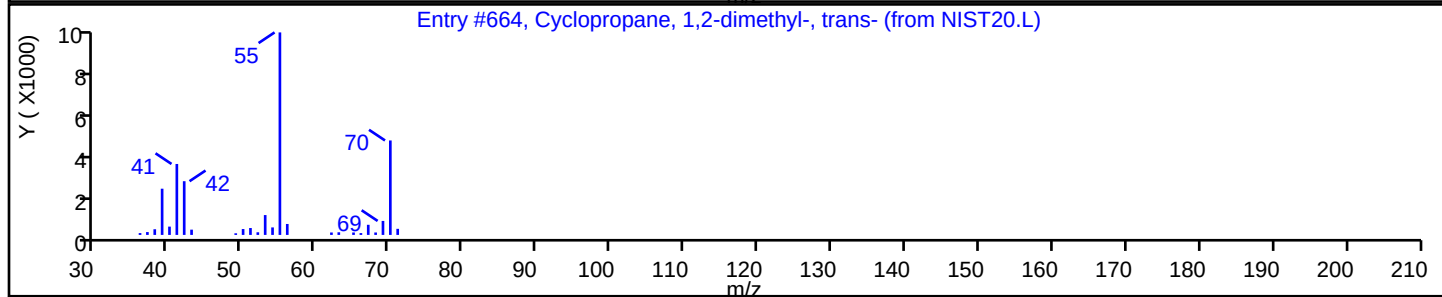
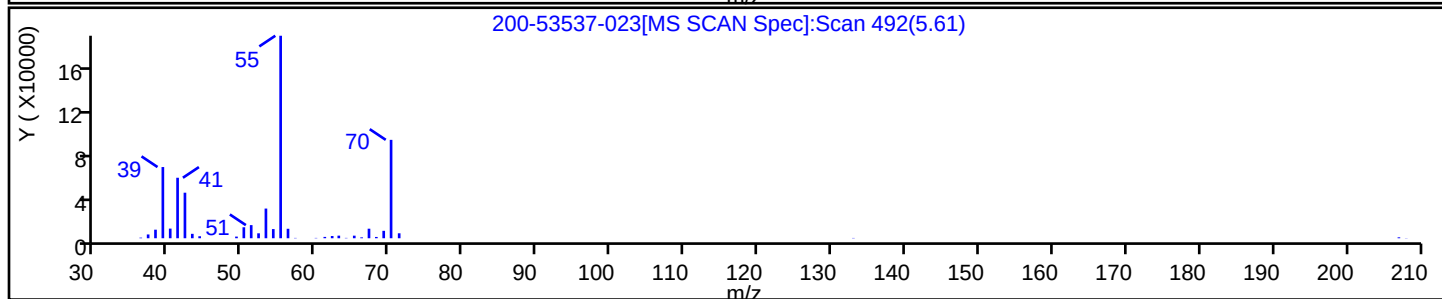
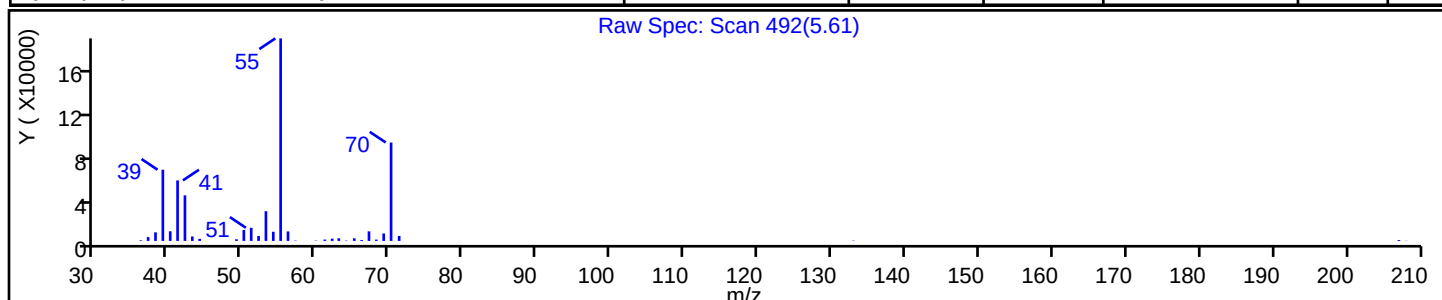
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclopropane, 1,2-dimethyl-, trans-	2402-06-4	NIST20.L	664	C5H10	70	90
2-Butene, 2-methyl-	513-35-9	NIST20.L	637	C5H10	70	90
Cyclopropane, 1,1-dimethyl-	1630-94-0	NIST20.L	647	C5H10	70	80



Eurofins Burlington

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Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

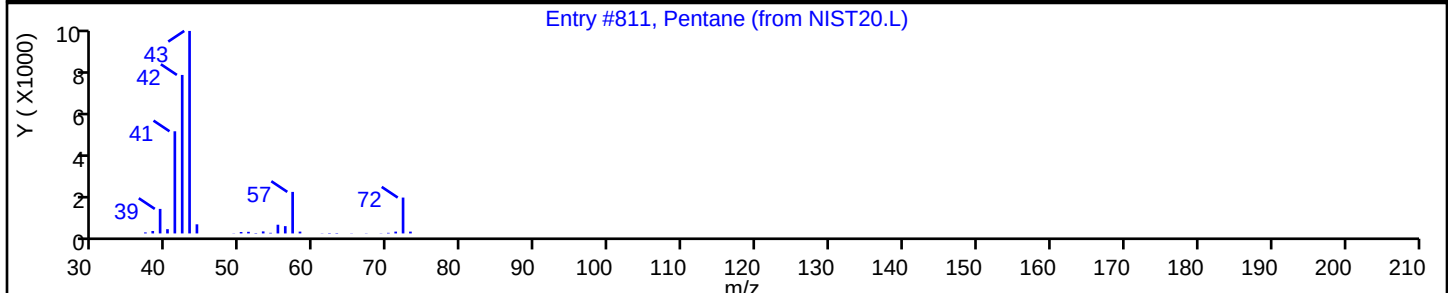
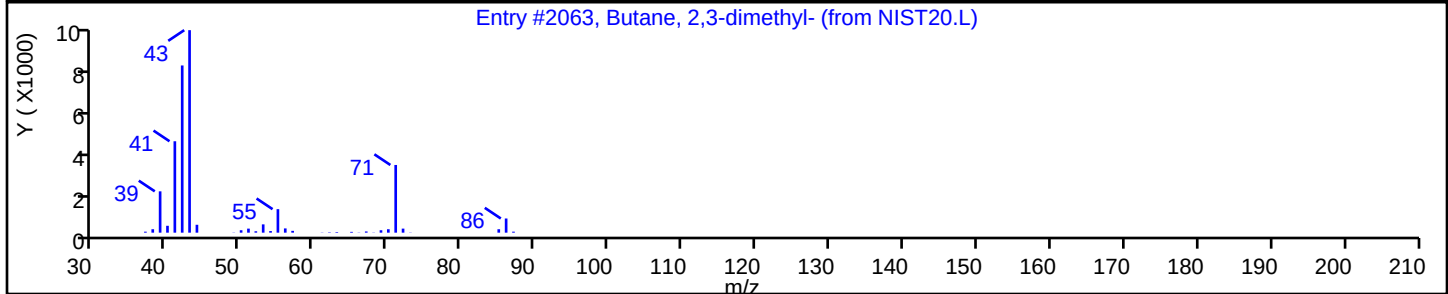
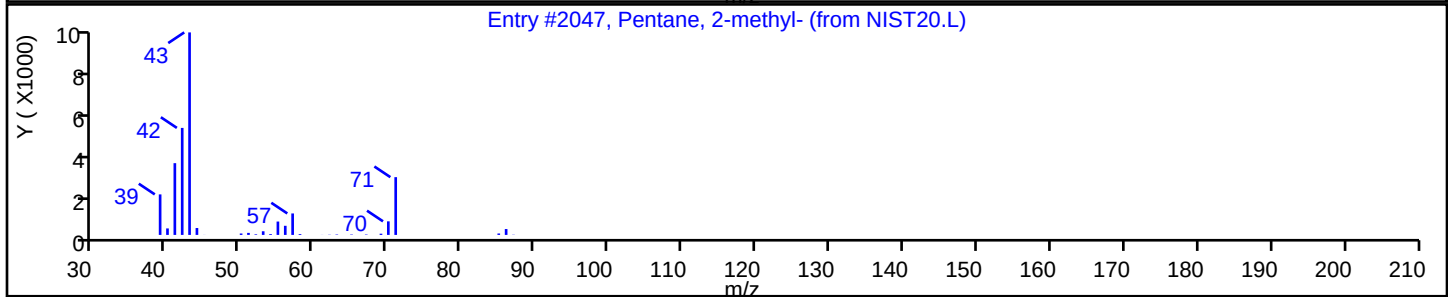
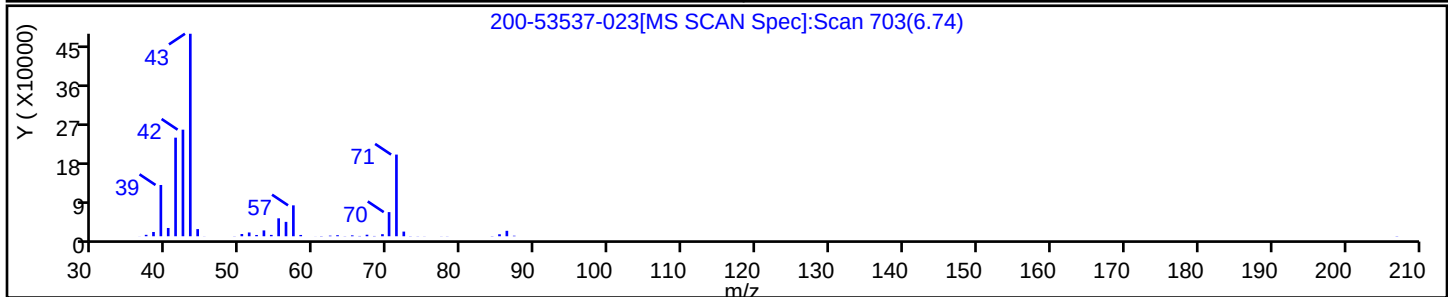
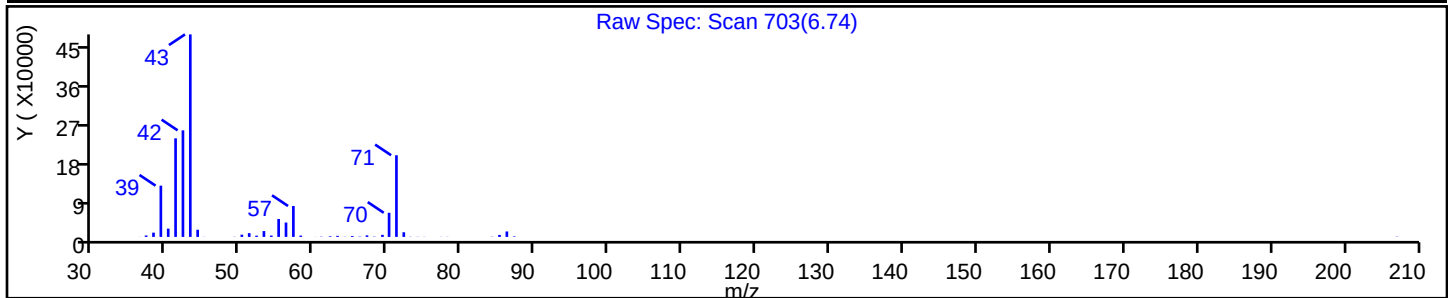
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2-methyl-	107-83-5	NIST20.L	2047	C6H14	86	91
Butane, 2,3-dimethyl-	79-29-8	NIST20.L	2063	C6H14	86	52
Pentane	109-66-0	NIST20.L	811	C5H12	72	43



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

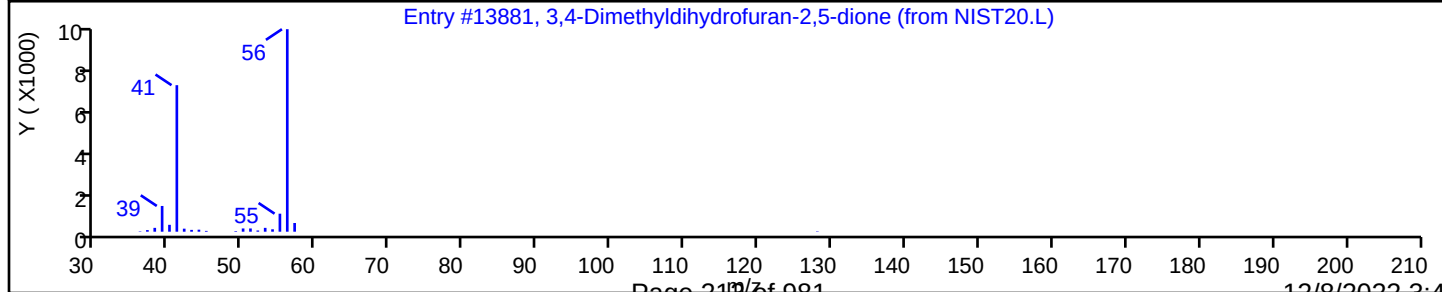
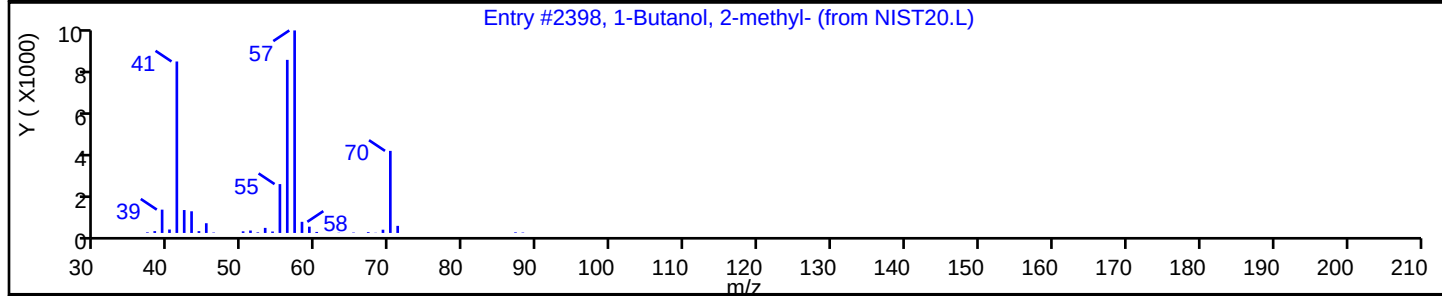
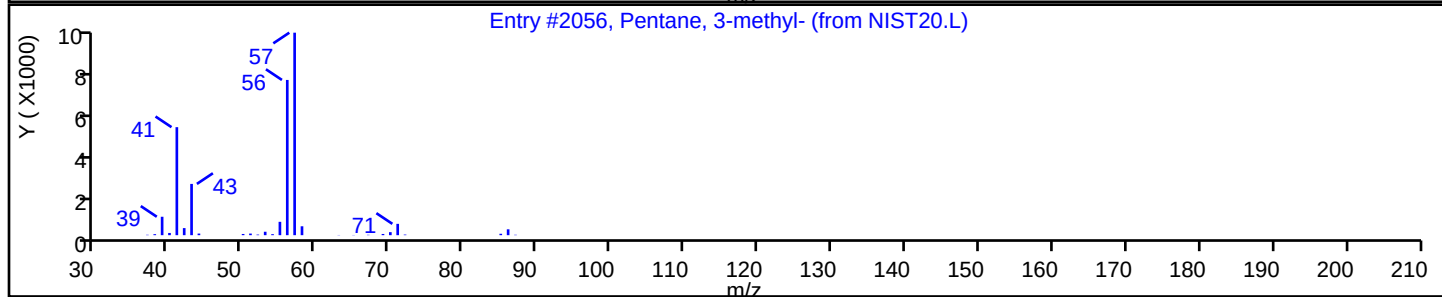
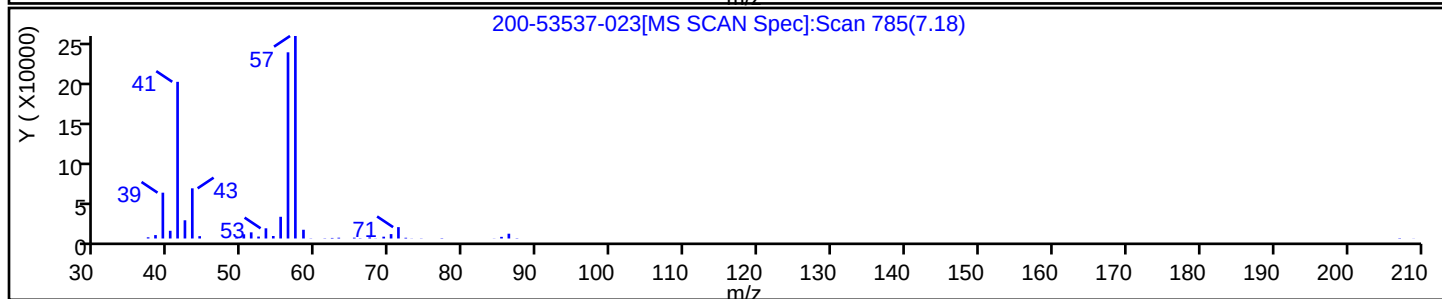
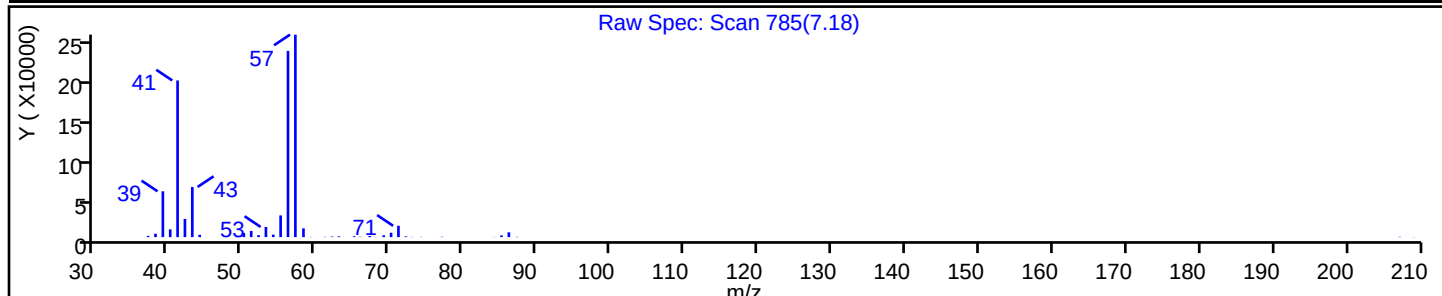
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Pentane, 3-methyl-	96-14-0	NIST20.L	2056	C6H14	86	80
1-Butanol, 2-methyl-	137-32-6	NIST20.L	2398	C5H12O	88	64
3,4-Dimethyldihydrofuran-2,5-dione	7475-92-5	NIST20.L	13881	C6H8O3	128	53



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

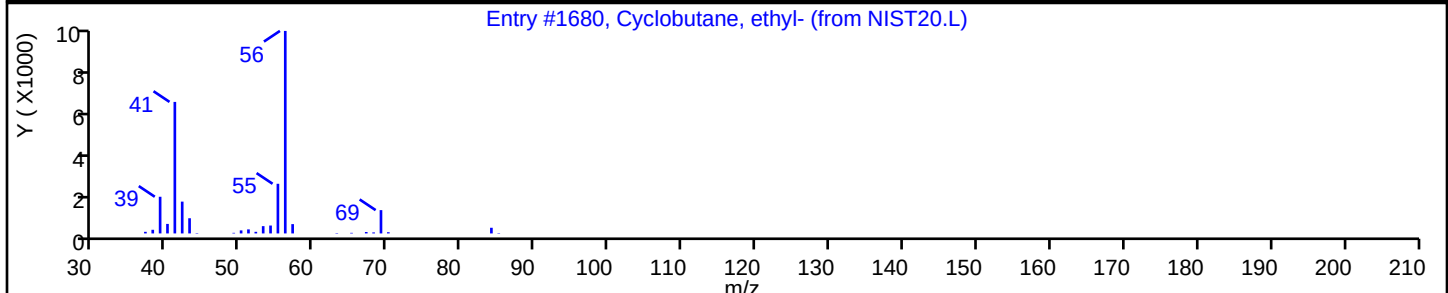
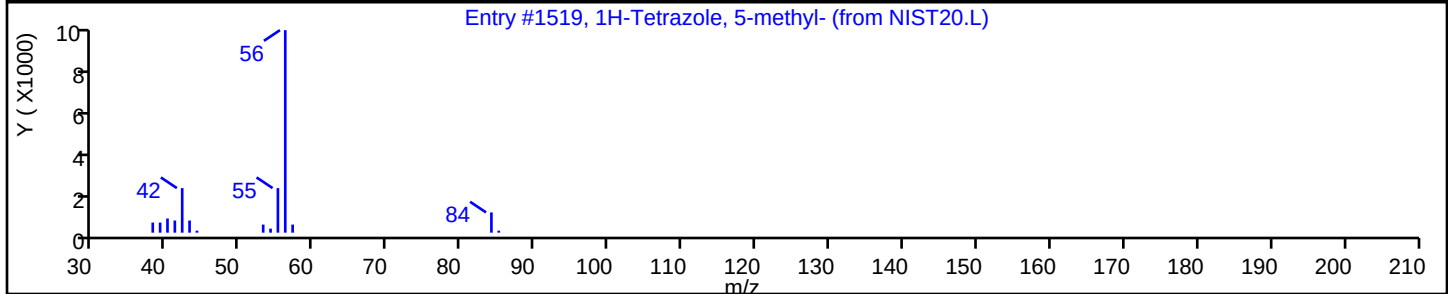
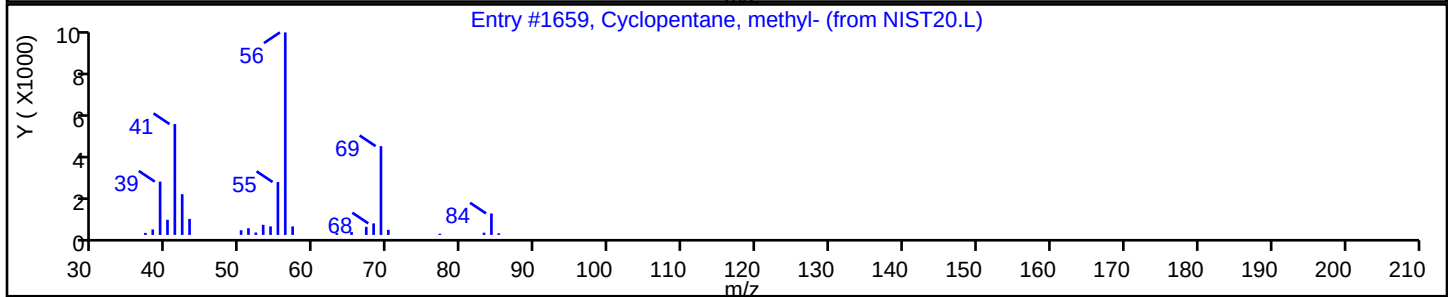
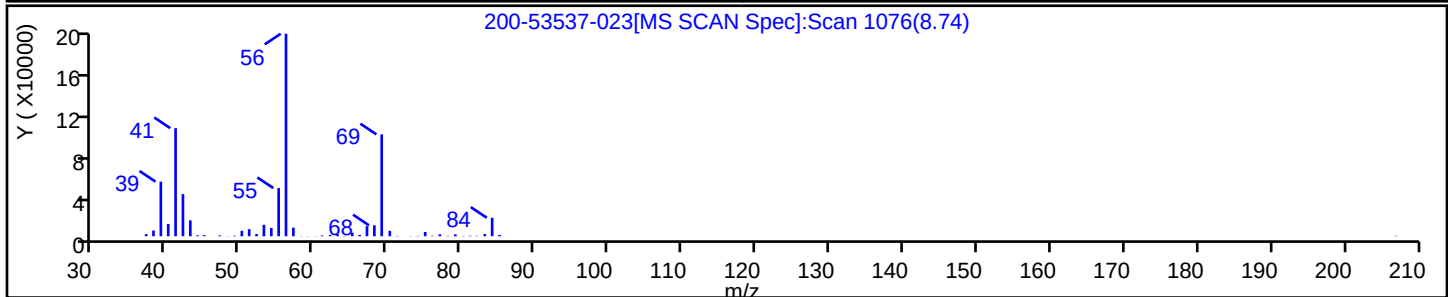
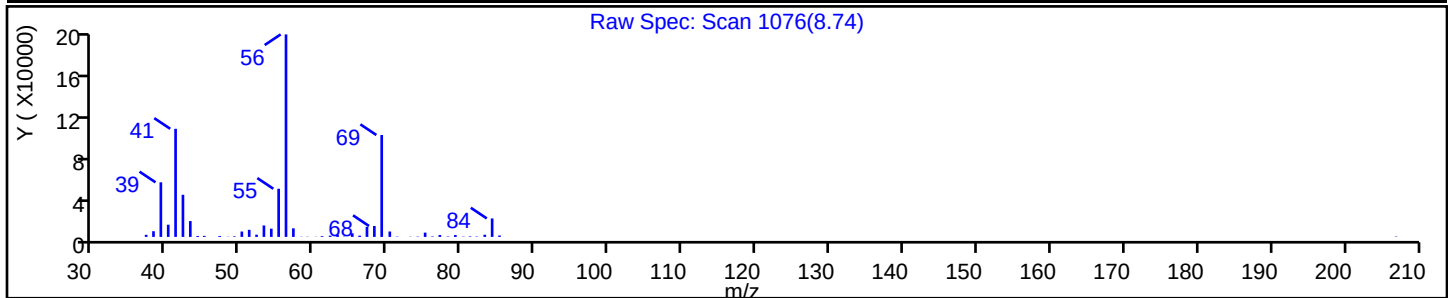
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclopentane, methyl-	96-37-7	NIST20.L	1659	C6H12	84	94
1H-Tetrazole, 5-methyl-	4076-36-2	NIST20.L	1519	C2H4N4	84	72
Cyclobutane, ethyl-	4806-61-5	NIST20.L	1680	C6H12	84	64



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

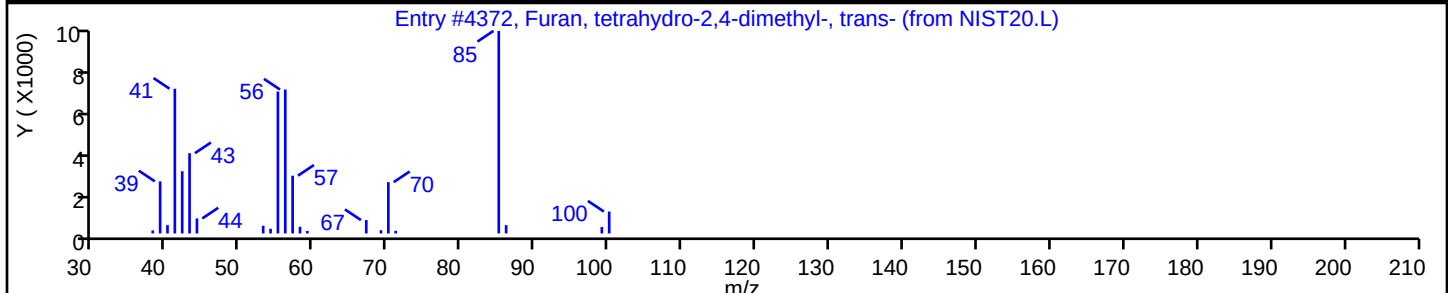
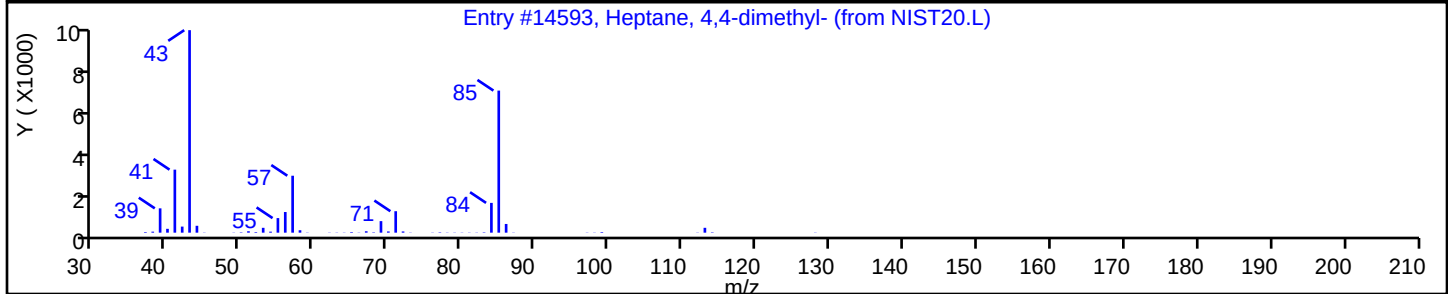
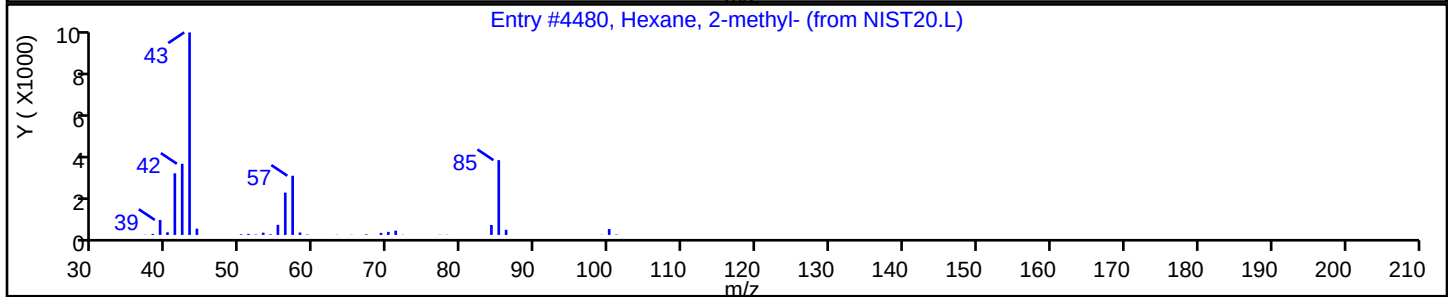
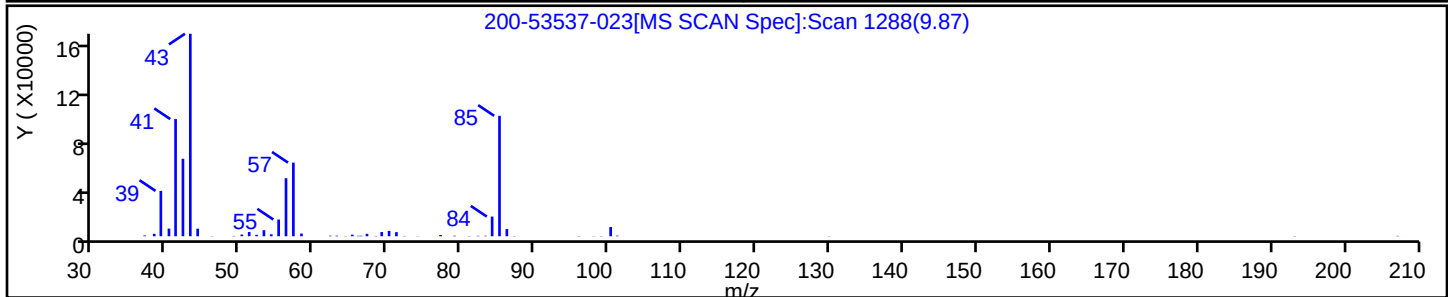
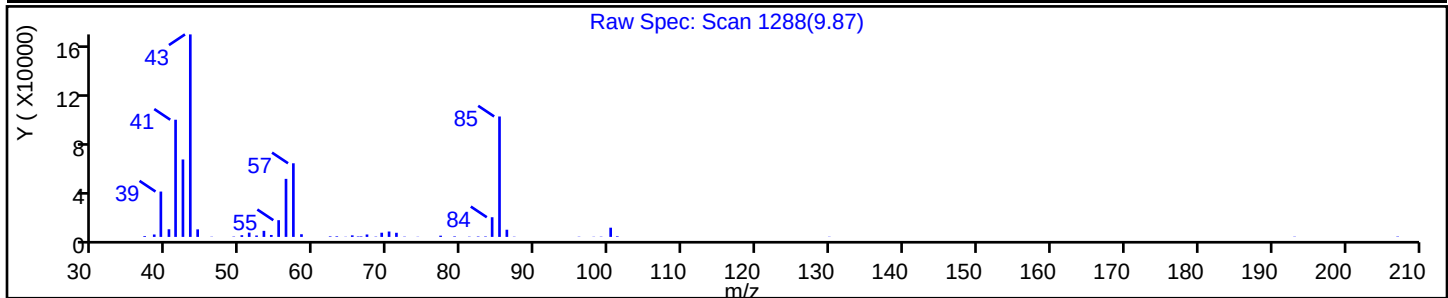
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexane, 2-methyl-	591-76-4	NIST20.L	4480	C7H16	100	87
Heptane, 4,4-dimethyl-	1068-19-5	NIST20.L	14593	C9H20	128	50
Furan, tetrahydro-2,4-dimethyl-, trans-	39168-02-0	NIST20.L	4372	C6H12O	100	47



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

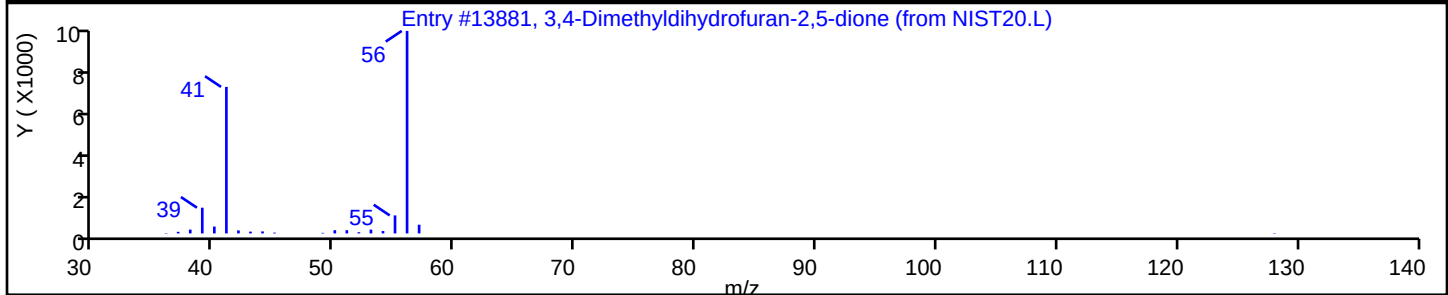
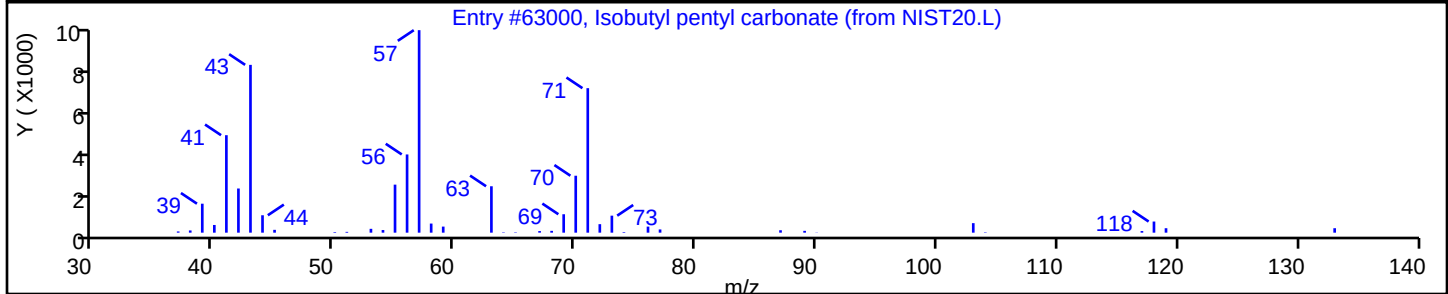
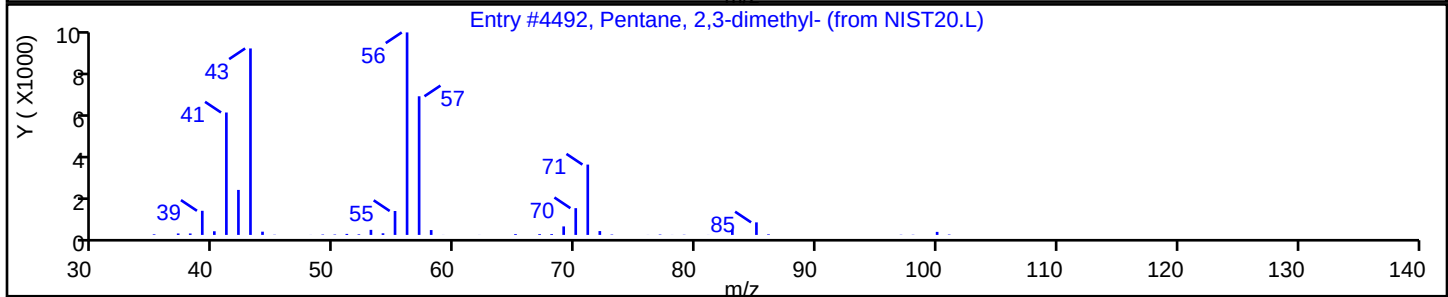
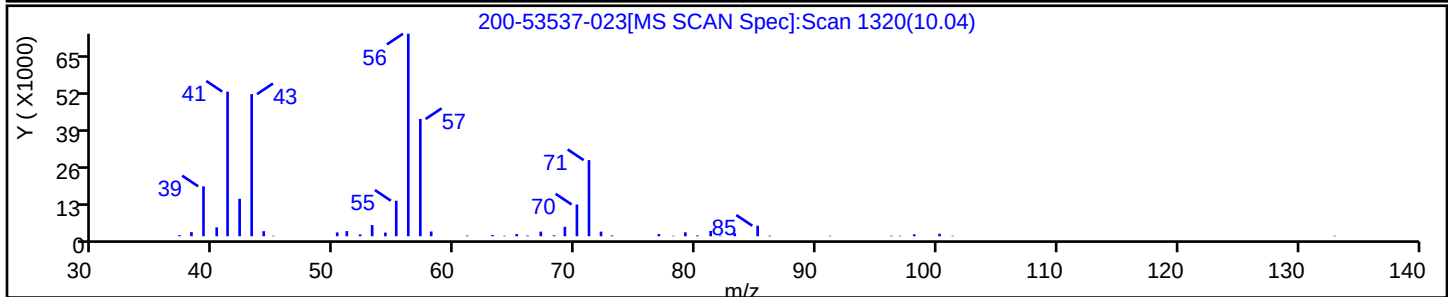
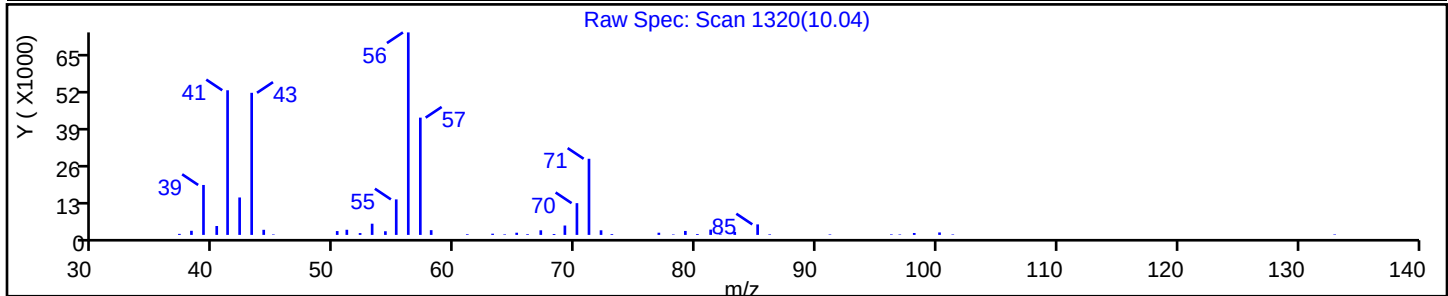
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2,3-dimethyl-	565-59-3	NIST20.L	4492	C7H16	100	91
Isobutyl pentyl carbonate	178442-32-5	NIST20.L	63000	C10H20O3	188	38
3,4-Dimethyldihydrofuran-2,5-dione	7475-92-5	NIST20.L	13881	C6H8O3	128	38



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

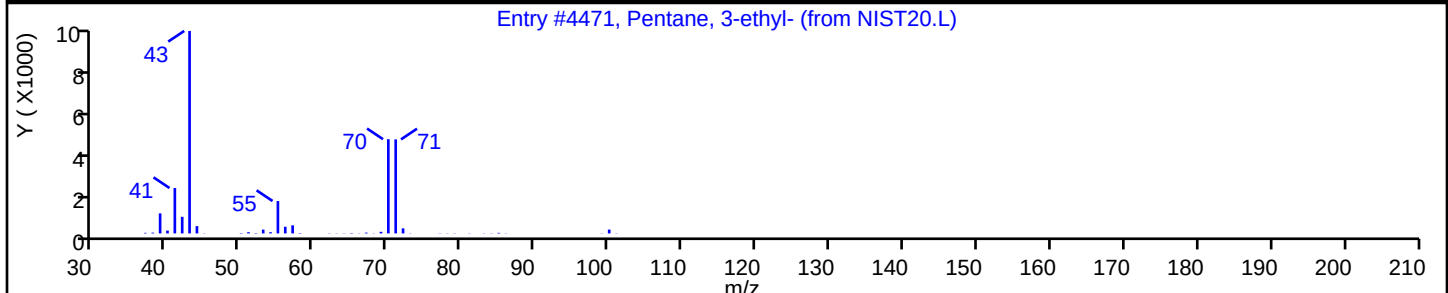
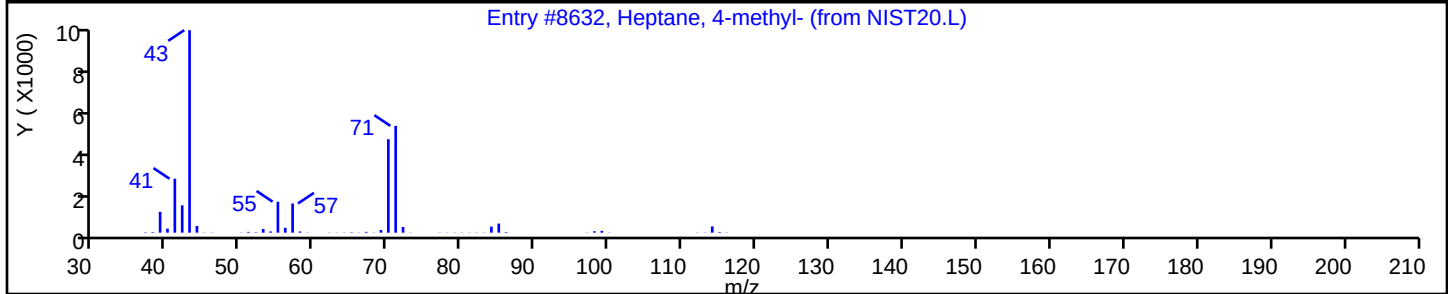
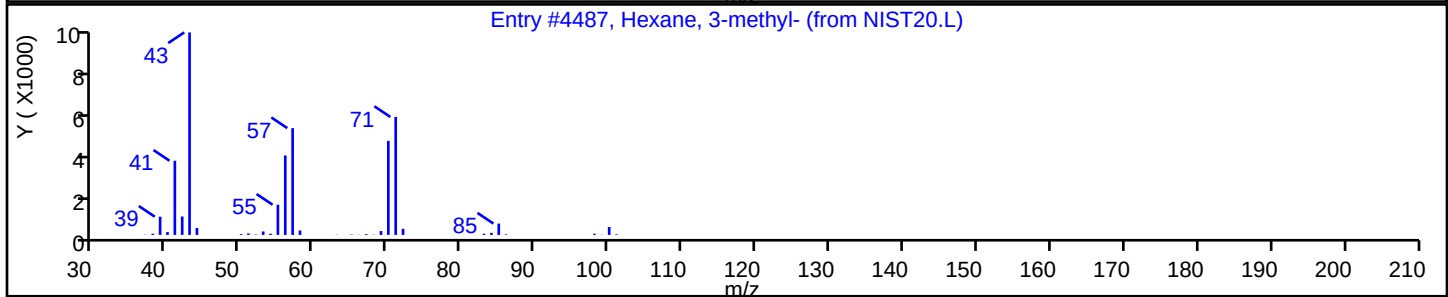
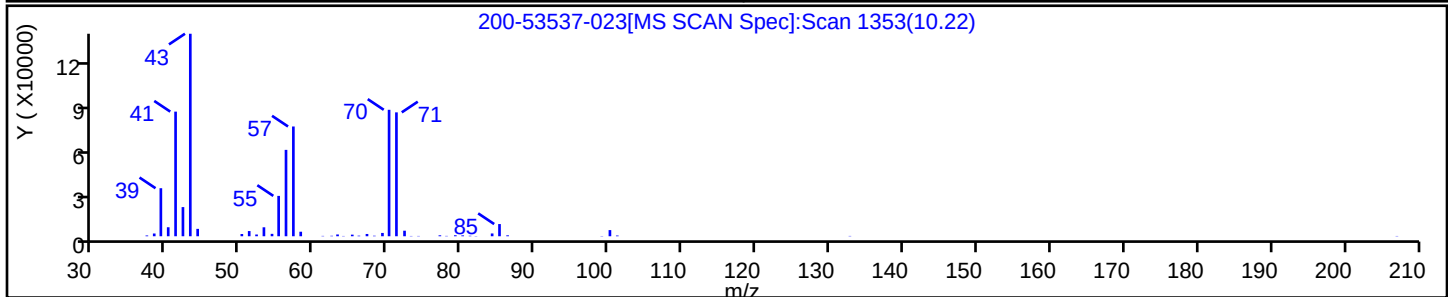
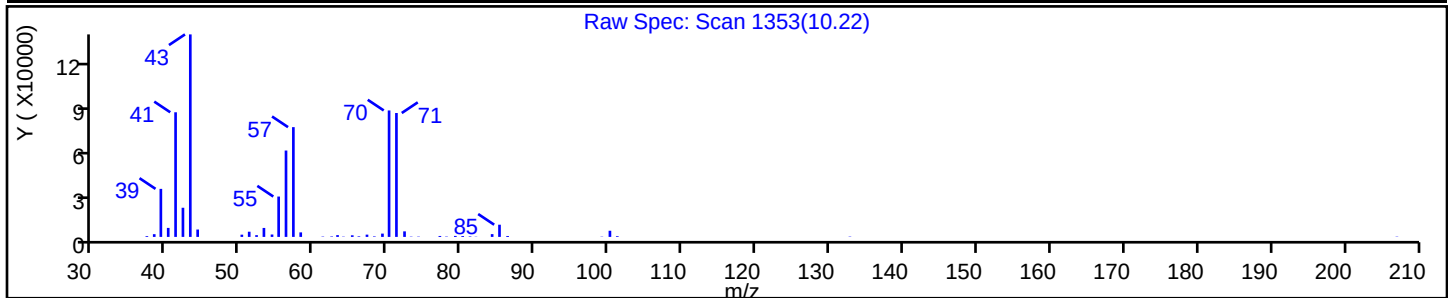
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexane, 3-methyl-	589-34-4	NIST20.L	4487	C7H16	100	87
Heptane, 4-methyl-	589-53-7	NIST20.L	8632	C8H18	114	59
Pentane, 3-ethyl-	617-78-7	NIST20.L	4471	C7H16	100	58



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-023.D

Injection Date: 06-Dec-2022 01:46:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

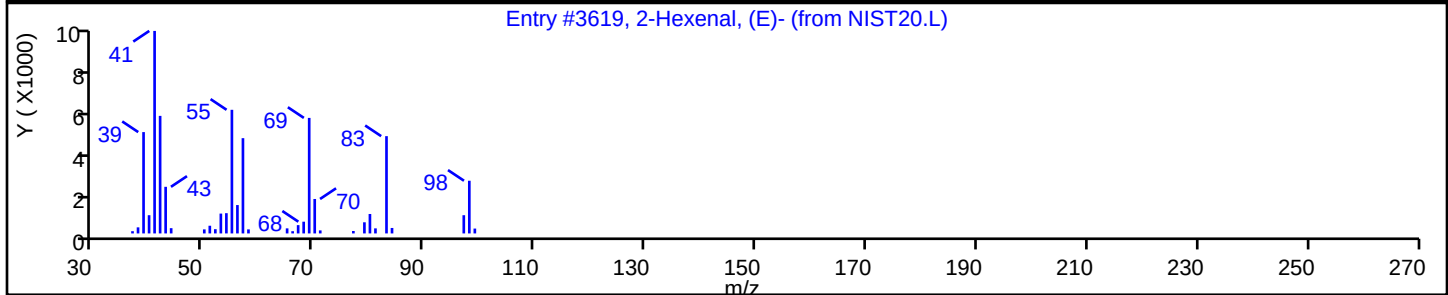
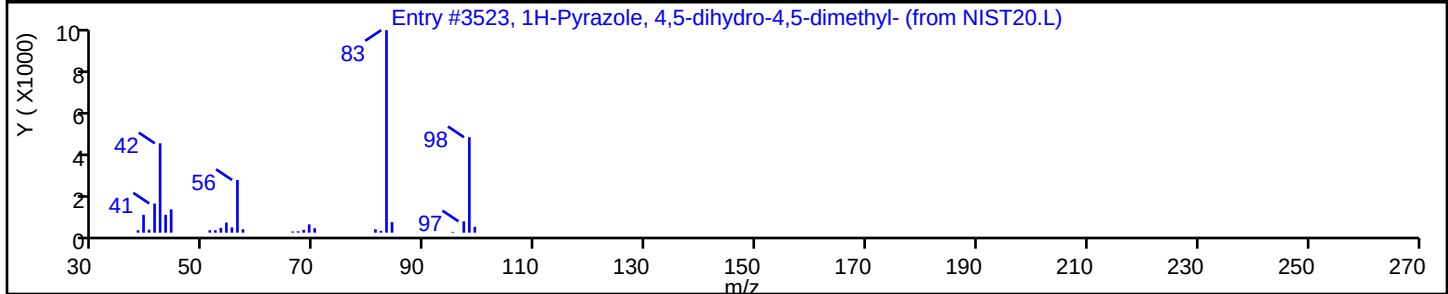
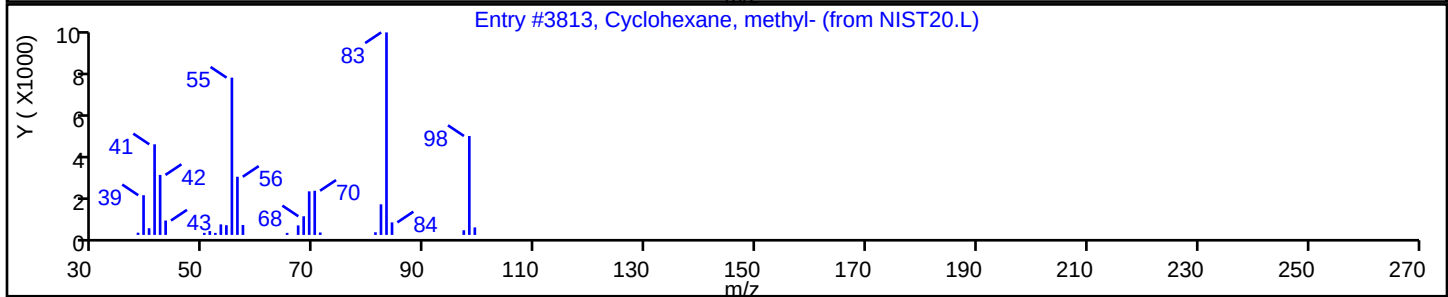
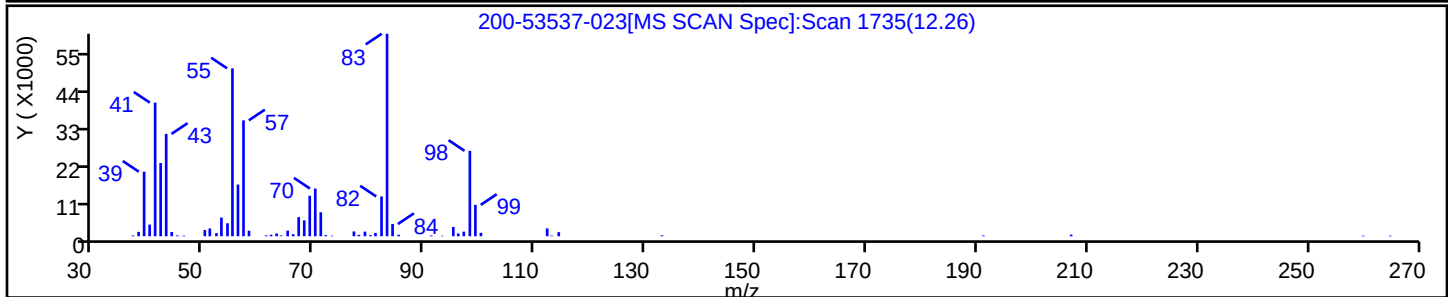
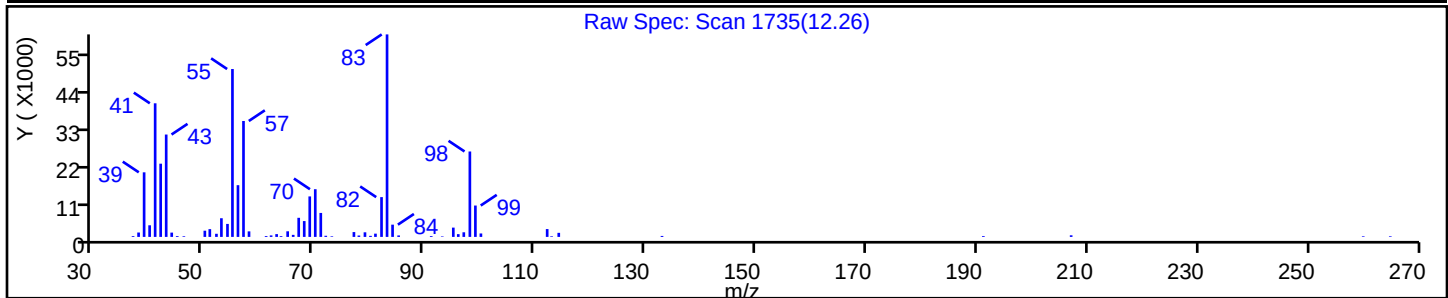
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, methyl-	108-87-2	NIST20.L	3813	C7H14	98	90
1H-Pyrazole, 4,5-dihydro-4,5-dimethyl-	28019-94-5	NIST20.L	3523	C5H10N2	98	58
2-Hexenal, (E)-	6728-26-3	NIST20.L	3619	C6H10O	98	58



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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: SV-2 DL Lab Sample ID: 200-65967-2 DL

Matrix: Air Lab File ID: 200-53537-024.D

Analysis Method: TO-15 Date Collected: 12/01/2022 13:52

Sample wt/vol: 40 (mL) Date Analyzed: 12/06/2022 02:39

Soil Aliquot Vol: _____ Dilution Factor: 5

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

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

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

Analysis Batch No.: 186329 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.55
75-45-6	Chlorodifluoromethane	86.47	2.5	U	2.5	0.60
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.0	U	1.0	0.24
74-87-3	Chloromethane	50.49	2.5	U	2.5	0.75
106-97-8	n-Butane	58.12	200	D	2.5	1.0
75-01-4	Vinyl chloride	62.50	0.39	U	0.39	0.11
106-99-0	1,3-Butadiene	54.09	2.4	D	1.0	0.20
74-83-9	Bromomethane	94.94	1.0	U	1.0	0.36
75-00-3	Chloroethane	64.52	2.5	U	2.5	0.90
593-60-2	Bromoethene (Vinyl Bromide)	106.96	1.0	U	1.0	0.25
75-69-4	Trichlorofluoromethane	137.37	1.0	U	1.0	0.25
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.0	U	1.0	0.27
75-35-4	1,1-Dichloroethene	96.94	0.18	U	0.18	0.13
67-64-1	Acetone	58.08	31	D	25	8.0
67-63-0	Isopropyl alcohol	60.10	25	U **	25	8.0
75-15-0	Carbon disulfide	76.14	1.5	J D	2.5	0.65
107-05-1	3-Chloropropene	76.53	2.5	U	2.5	0.60
75-09-2	Methylene Chloride	84.93	2.5	U	2.5	0.90
75-65-0	tert-Butyl alcohol	74.12	25	U	25	6.0
1634-04-4	Methyl tert-butyl ether	88.15	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	96.94	1.0	U	1.0	0.12
110-54-3	n-Hexane	86.17	32	D	2.5	0.55
75-34-3	1,1-Dichloroethane	98.96	1.0	U	1.0	0.13
78-93-3	Methyl Ethyl Ketone	72.11	5.0	D	2.5	2.5
156-59-2	cis-1,2-Dichloroethene	96.94	2.5	U	2.5	0.11
540-59-0	1,2-Dichloroethene, Total	96.94	2.0	U	2.0	0.50
67-66-3	Chloroform	119.38	8.3	D	1.0	0.21
109-99-9	Tetrahydrofuran	72.11	25	U	25	6.5
71-55-6	1,1,1-Trichloroethane	133.41	1.0	U	1.0	0.22
110-82-7	Cyclohexane	84.16	2.7	D	1.0	0.29
56-23-5	Carbon tetrachloride	153.81	0.18	U	0.18	0.11

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: SV-2 DL Lab Sample ID: 200-65967-2 DL

Matrix: Air Lab File ID: 200-53537-024.D

Analysis Method: TO-15 Date Collected: 12/01/2022 13:52

Sample wt/vol: 40 (mL) Date Analyzed: 12/06/2022 02:39

Soil Aliquot Vol: _____ Dilution Factor: 5

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

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

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

Analysis Batch No.: 186329 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	7.0	D	1.0	0.19
71-43-2	Benzene	78.11	17	D	1.0	0.22
107-06-2	1,2-Dichloroethane	98.96	1.1	D	1.0	0.47
142-82-5	n-Heptane	100.21	7.0	D	1.0	0.28
79-01-6	Trichloroethene	131.39	12	D	0.18	0.13
80-62-6	Methyl methacrylate	100.12	2.5	U	2.5	0.70
78-87-5	1,2-Dichloropropane	112.99	1.0	U	1.0	0.47
123-91-1	1,4-Dioxane	88.11	25	U	25	6.5
75-27-4	Bromodichloromethane	163.83	1.0	U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	110.97	1.0	U	1.0	0.23
108-10-1	methyl isobutyl ketone	100.16	2.5	U	2.5	0.65
108-88-3	Toluene	92.14	28	D	1.0	0.21
10061-02-6	trans-1,3-Dichloropropene	110.97	1.0	U	1.0	0.27
79-00-5	1,1,2-Trichloroethane	133.41	1.0	U	1.0	0.37
127-18-4	Tetrachloroethene	165.83	24	D	1.0	0.11
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.5	U	2.5	0.75
124-48-1	Dibromochloromethane	208.28	1.0	U	1.0	0.32
106-93-4	1,2-Dibromoethane	187.87	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	112.56	1.0	U	1.0	0.22
100-41-4	Ethylbenzene	106.17	1.6	D	1.0	0.26
179601-23-1	m,p-Xylene	106.17	4.8	D	2.5	0.48
95-47-6	Xylene, o-	106.17	1.8	D	1.0	0.26
1330-20-7	Xylene (total)	106.17	6.6	D	3.5	0.55
100-42-5	Styrene	104.15	1.0	U	1.0	0.30
75-25-2	Bromoform	252.75	1.0	U	1.0	0.60
98-82-8	Cumene	120.19	0.22	J D	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.0	U	1.0	0.22
103-65-1	n-Propylbenzene	120.19	1.0	U	1.0	0.24
622-96-8	4-Ethyltoluene	120.20	1.0	U	1.0	0.25
108-67-8	1,3,5-Trimethylbenzene	120.20	1.0	U	1.0	0.24
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.23
98-06-6	tert-Butylbenzene	134.22	1.0	U	1.0	0.24

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: SV-2 DL Lab Sample ID: 200-65967-2 DL
 Matrix: Air Lab File ID: 200-53537-024.D
 Analysis Method: TO-15 Date Collected: 12/01/2022 13:52
 Sample wt/vol: 40 (mL) Date Analyzed: 12/06/2022 02:39
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 186329 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	120.20	1.0	U	1.0	0.40
135-98-8	sec-Butylbenzene	134.22	1.0	U	1.0	0.23
99-87-6	4-Isopropyltoluene	134.22	1.0	U	1.0	0.31
541-73-1	1,3-Dichlorobenzene	147.00	1.0	U	1.0	0.37
106-46-7	1,4-Dichlorobenzene	147.00	1.0	U	1.0	0.45
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.44
104-51-8	n-Butylbenzene	134.22	1.0	U	1.0	0.55
95-50-1	1,2-Dichlorobenzene	147.00	1.0	U	1.0	0.33
120-82-1	1,2,4-Trichlorobenzene	181.45	2.5	U	2.5	1.7
87-68-3	Hexachlorobutadiene	260.76	1.0	U	1.0	0.55
91-20-3	Naphthalene	128.17	2.5	U	2.5	1.5

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: SV-2 DL Lab Sample ID: 200-65967-2 DL

Matrix: Air Lab File ID: 200-53537-024.D

Analysis Method: TO-15 Date Collected: 12/01/2022 13:52

Sample wt/vol: 40 (mL) Date Analyzed: 12/06/2022 02:39

Soil Aliquot Vol: _____ Dilution Factor: 5

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

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

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

Analysis Batch No.: 186329 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	12	U	12	2.7
75-45-6	Chlorodifluoromethane	86.47	8.8	U	8.8	2.1
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	7.0	U	7.0	1.7
74-87-3	Chloromethane	50.49	5.2	U	5.2	1.5
106-97-8	n-Butane	58.12	470	D	5.9	2.4
75-01-4	Vinyl chloride	62.50	1.0	U	1.0	0.27
106-99-0	1,3-Butadiene	54.09	5.3	D	2.2	0.43
74-83-9	Bromomethane	94.94	3.9	U	3.9	1.4
75-00-3	Chloroethane	64.52	6.6	U	6.6	2.4
593-60-2	Bromoethene (Vinyl Bromide)	106.96	4.4	U	4.4	1.1
75-69-4	Trichlorofluoromethane	137.37	5.6	U	5.6	1.4
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	7.7	U	7.7	2.0
75-35-4	1,1-Dichloroethene	96.94	0.70	U	0.70	0.52
67-64-1	Acetone	58.08	74	D	59	19
67-63-0	Isopropyl alcohol	60.10	61	U **	61	20
75-15-0	Carbon disulfide	76.14	4.8	J D	7.8	2.0
107-05-1	3-Chloropropene	76.53	7.8	U	7.8	1.9
75-09-2	Methylene Chloride	84.93	8.7	U	8.7	3.1
75-65-0	tert-Butyl alcohol	74.12	76	U	76	18
1634-04-4	Methyl tert-butyl ether	88.15	3.6	U	3.6	0.65
156-60-5	trans-1,2-Dichloroethene	96.94	4.0	U	4.0	0.46
110-54-3	n-Hexane	86.17	110	D	8.8	1.9
75-34-3	1,1-Dichloroethane	98.96	4.0	U	4.0	0.51
78-93-3	Methyl Ethyl Ketone	72.11	15	D	7.4	7.2
156-59-2	cis-1,2-Dichloroethene	96.94	10	U	10	0.42
540-59-0	1,2-Dichloroethene, Total	96.94	7.9	U	7.9	2.0
67-66-3	Chloroform	119.38	40	D	4.9	1.0
109-99-9	Tetrahydrofuran	72.11	74	U	74	19
71-55-6	1,1,1-Trichloroethane	133.41	5.5	U	5.5	1.2
110-82-7	Cyclohexane	84.16	9.1	D	3.4	1.0
56-23-5	Carbon tetrachloride	153.81	1.1	U	1.1	0.69

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: SV-2 DL Lab Sample ID: 200-65967-2 DL

Matrix: Air Lab File ID: 200-53537-024.D

Analysis Method: TO-15 Date Collected: 12/01/2022 13:52

Sample wt/vol: 40 (mL) Date Analyzed: 12/06/2022 02:39

Soil Aliquot Vol: _____ Dilution Factor: 5

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

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

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

Analysis Batch No.: 186329 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	33	D	4.7	0.89
71-43-2	Benzene	78.11	54	D	3.2	0.70
107-06-2	1,2-Dichloroethane	98.96	4.6	D	4.0	1.9
142-82-5	n-Heptane	100.21	29	D	4.1	1.1
79-01-6	Trichloroethene	131.39	66	D	0.94	0.67
80-62-6	Methyl methacrylate	100.12	10	U	10	2.9
78-87-5	1,2-Dichloropropane	112.99	4.6	U	4.6	2.2
123-91-1	1,4-Dioxane	88.11	90	U	90	23
75-27-4	Bromodichloromethane	163.83	6.7	U	6.7	1.7
10061-01-5	cis-1,3-Dichloropropene	110.97	4.5	U	4.5	1.0
108-10-1	methyl isobutyl ketone	100.16	10	U	10	2.7
108-88-3	Toluene	92.14	110	D	3.8	0.79
10061-02-6	trans-1,3-Dichloropropene	110.97	4.5	U	4.5	1.2
79-00-5	1,1,2-Trichloroethane	133.41	5.5	U	5.5	2.0
127-18-4	Tetrachloroethene	165.83	160	D	6.8	0.71
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10	U	10	3.1
124-48-1	Dibromochloromethane	208.28	8.5	U	8.5	2.7
106-93-4	1,2-Dibromoethane	187.87	7.7	U	7.7	1.6
108-90-7	Chlorobenzene	112.56	4.6	U	4.6	1.0
100-41-4	Ethylbenzene	106.17	7.1	D	4.3	1.1
179601-23-1	m,p-Xylene	106.17	21	D	11	2.1
95-47-6	Xylene, o-	106.17	8.0	D	4.3	1.1
1330-20-7	Xylene (total)	106.17	29	D	15	2.4
100-42-5	Styrene	104.15	4.3	U	4.3	1.3
75-25-2	Bromoform	252.75	10	U	10	6.2
98-82-8	Cumene	120.19	1.1	J D	4.9	1.0
79-34-5	1,1,2,2-Tetrachloroethane	167.85	6.9	U	6.9	1.5
103-65-1	n-Propylbenzene	120.19	4.9	U	4.9	1.2
622-96-8	4-Ethyltoluene	120.20	4.9	U	4.9	1.2
108-67-8	1,3,5-Trimethylbenzene	120.20	4.9	U	4.9	1.2
95-49-8	2-Chlorotoluene	126.59	5.2	U	5.2	1.2
98-06-6	tert-Butylbenzene	134.22	5.5	U	5.5	1.3

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: SV-2 DL Lab Sample ID: 200-65967-2 DL
 Matrix: Air Lab File ID: 200-53537-024.D
 Analysis Method: TO-15 Date Collected: 12/01/2022 13:52
 Sample wt/vol: 40 (mL) Date Analyzed: 12/06/2022 02:39
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 186329 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	120.20	4.9	U	4.9	2.0
135-98-8	sec-Butylbenzene	134.22	5.5	U	5.5	1.2
99-87-6	4-Isopropyltoluene	134.22	5.5	U	5.5	1.7
541-73-1	1,3-Dichlorobenzene	147.00	6.0	U	6.0	2.2
106-46-7	1,4-Dichlorobenzene	147.00	6.0	U	6.0	2.7
100-44-7	Benzyl chloride	126.58	5.2	U	5.2	2.3
104-51-8	n-Butylbenzene	134.22	5.5	U	5.5	3.0
95-50-1	1,2-Dichlorobenzene	147.00	6.0	U	6.0	2.0
120-82-1	1,2,4-Trichlorobenzene	181.45	19	U	19	12
87-68-3	Hexachlorobutadiene	260.76	11	U	11	5.9
91-20-3	Naphthalene	128.17	13	U	13	7.9

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
SDG No.: _____
Client Sample ID: SV-2 DL Lab Sample ID: 200-65967-2 DL
Matrix: Air Lab File ID: 200-53537-024.D
Analysis Method: TO-15 Date Collected: 12/01/2022 13:52
Sample wt/vol: 40 (mL) Date Analyzed: 12/06/2022 02:39
Soil Aliquot Vol: _____ Dilution Factor: 5
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 186329 Units: ppb v/v
Number TICs Found: 10 TIC Result Total: 241.2

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.42	8.3	J D	
	Unknown	4.61	78	J D	
109-66-0	Pentane	5.07	42	J N D	90%
2402-06-4	Cyclopropane, 1,2-dimethyl-, trans-	5.61	8.3	J N D	86%
	Unknown	6.74	45	J D	
	Unknown	7.18	17	J D	
96-37-7	Cyclopentane, methyl-	8.73	12	J N D	90%
591-76-4	Hexane, 2-methyl-	9.87	12	J N D	91%
589-34-4	Hexane, 3-methyl-	10.21	12	J N D	91%
108-87-2	Cyclohexane, methyl-	12.26	6.6	J N D	94%

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D
 Lims ID: 200-65967-A-2
 Client ID: SV-2
 Sample Type: Client
 Inject. Date: 06-Dec-2022 02:39:30 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 200.000 mL Dil. Factor: 5.0000
 Sample Info: 200-0053537-024
 Misc. Info.: 65967-2dl
 Operator ID: vtp Instrument ID: CHG.i
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 06-Dec-2022 08:01:01 Calib Date: 22-Nov-2022 00:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1684

First Level Reviewer: BKZ7

Date: 06-Dec-2022 08:01:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	3.169	3.171	0.000	98	5705	0.0894	
3 Chlorodifluoromethane	51		3.196				ND	MU
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393				ND	
5 Chloromethane	50		3.474				ND	MU
6 Vinyl chloride	62		3.682				ND	
7 Butane	43	3.677	3.684	-0.005	96	663784	39.2	
8 Butadiene	54	3.757	3.759	0.000	89	4517	0.4824	
9 Bromomethane	94		4.260				ND	
10 Chloroethane	64		4.453				ND	
12 Vinyl bromide	106		4.779				ND	
13 Trichlorofluoromethane	101	4.907	4.907	0.000	90	2737	0.0456	M
18 1,1-Dichloroethene	96		5.806				ND	
21 1,1,2-Trichloro-1,2,2-trifluoro	101		5.838				ND	
19 Acetone	43	5.929	5.884	0.048	99	92601	6.24	
22 Isopropyl alcohol	45		6.138				ND	MU
23 Carbon disulfide	76	6.197	6.195	0.006	99	13601	0.3098	
25 3-Chloro-1-propene	41		6.448				ND	
26 Methylene Chloride	49		6.662				ND	7
27 2-Methyl-2-propanol	59		6.882				ND	MU
29 trans-1,2-Dichloroethene	61		7.149				ND	
30 Methyl tert-butyl ether	73		7.165				ND	7
31 Hexane	57	7.646	7.656	-0.006	88	99182	6.37	
32 1,1-Dichloroethane	63		7.898				ND	7
34 2-Butanone (MEK)	72	8.930	8.876	0.058	97	5138	0.99	
35 cis-1,2-Dichloroethene	96		8.888				ND	7
* 37 Chlorobromomethane	128	9.305	9.305	0.000	72	196246	10.0	
38 Tetrahydrofuran	42		9.374				ND	
39 Chloroform	83	9.492	9.497	0.000	94	68679	1.66	
S 43 1,2-Dichloroethene, Total	61		9.665				ND	7
40 1,1,1-Trichloroethane	97		9.813				ND	
41 Cyclohexane	84	9.957	9.957	-0.006	84	11813	0.5302	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
42 Carbon tetrachloride	117		10.107				ND	
44 Benzene	78	10.487	10.487	0.005	94	183750	3.37	
45 1,2-Dichloroethane	62	10.567	10.567	0.005	84	6088	0.2257	
46 Isooctane	57	10.728	10.738	-0.005	96	103726	1.39	
47 n-Heptane	43	11.081	11.081	0.005	90	37764	1.39	
* 48 1,4-Difluorobenzene	114	11.300	11.300	0.000	92	1001595	10.0	
50 Trichloroethene	95	11.782	11.793	-0.005	97	97190	2.46	
51 1,2-Dichloropropane	63		12.290				ND	
54 Methyl methacrylate	69		12.418				ND	MU
55 1,4-Dioxane	88		12.461				ND	
56 Dichlorobromomethane	83		12.814				ND	
58 cis-1,3-Dichloropropene	75		13.702				ND	7
59 4-Methyl-2-pentanone (MIBK)	43		14.023				ND	MU
60 Toluene	92	14.398	14.403	-0.005	94	225748	5.66	
65 trans-1,3-Dichloropropene	75		14.858				ND	
66 1,1,2-Trichloroethane	83		15.254				ND	MU
67 Tetrachloroethene	166	15.462	15.468	-0.006	97	283205	4.86	
68 2-Hexanone	43		15.735				ND	MU
69 Chlorodibromomethane	129		16.040				ND	
70 Ethylene Dibromide	107		16.292				ND	
* 71 Chlorobenzene-d5	117	17.265	17.265	0.000	83	879998	10.0	
72 Chlorobenzene	112		17.329				ND	
73 Ethylbenzene	91	17.538	17.543	-0.005	96	28681	0.3277	
74 m-Xylene & p-Xylene	106	17.800	17.821	-0.022	0	33359	0.9628	
76 o-Xylene	106	18.629	18.629	0.000	98	13212	0.3664	
77 Styrene	104		18.667				ND	MU
78 Bromoform	173		19.036				ND	
79 Isopropylbenzene	105	19.389	19.389	0.000	92	4228	0.0446	M
S 82 Xylenes, Total	106				0		1.33	
80 1,1,2,2-Tetrachloroethane	83		19.940				ND	7
83 N-Propylbenzene	91		20.154				ND	
84 2-Chlorotoluene	91		20.299				ND	
85 4-Ethyltoluene	105		20.363				ND	MU
86 1,3,5-Trimethylbenzene	105		20.464				ND	MU
89 tert-Butylbenzene	119		20.962				ND	7
90 1,2,4-Trimethylbenzene	105	21.047	21.053	-0.006	79	6215	0.0773	
91 sec-Butylbenzene	105		21.304				ND	
92 1,3-Dichlorobenzene	146		21.475				ND	7
93 4-Isopropyltoluene	119		21.524				ND	7
94 1,4-Dichlorobenzene	146		21.620				ND	7
95 Benzyl chloride	91		21.775				ND	
97 n-Butylbenzene	91		22.091				ND	7
96 1,2-Dichlorobenzene	146		22.117				ND	7
100 1,2,4-Trichlorobenzene	180		24.578				ND	7
101 Hexachlorobutadiene	225		24.830				ND	7
102 Naphthalene	128		25.060				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15GIS_00019

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington
Tentatively Identified Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D
 Lims ID: 200-65967-A-2
 Client ID: SV-2
 Sample Type: Client
 Inject. Date: 06-Dec-2022 02:39:30 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 200.000 mL Dil. Factor: 5.0000
 Sample Info: 200-0053537-024
 Misc. Info.: 65967-2dl
 Operator ID: vtp Instrument ID: CHG.i
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 06-Dec-2022 08:01:01 Calib Date: 22-Nov-2022 00:38:30
 Tic RT Window: 0.000 -0.000 Response: area
 Quant By: Nearest ISTD Quant LOD: 10.00000
 MS Library: \\chromfs\Burlington\Database\NIST20.L
 Min. Match: 1
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1684
 First Level Reviewer: BKZ7 Date: 06-Dec-2022 08:01:01

Tentative Identified Compound Results

RT	Area	Amount ppb v/v	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
3.415	204532	1.66	37	0	0		0	
4.613	1918816	15.6	37	0	0		0	
109-66-0	Pentane							
5.073	1040446	8.46	37	90	812	C5H12	72	
2402-06-4	Cyclopropane, 1,2-dimethyl-, trans-							
5.608	203378	1.65	37	86	664	C5H10	70	
6.737	1099013	8.93	37	0	0		0	
7.181	425436	3.46	37	0	0		0	
96-37-7	Cyclopentane, methyl-							
8.732	305677	2.48	37	90	1659	C6H12	84	
591-76-4	Hexane, 2-methyl-							
9.872	295079	2.40	37	91	4481	C7H16	100	
589-34-4	Hexane, 3-methyl-							
10.214	290352	2.36	37	91	4489	C7H16	100	
108-87-2	Cyclohexane, methyl-							
12.263	276050	1.32	48	94	3813	C7H14	98	

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Quantitation Compounds

Compound	RT	Area	Amount ppb v/v
* 37 Chlorobromomethane	9.305	1230235	10.0
* 48 1,4-Difluorobenzene	11.300	2093258	10.0

QC Flag Legend

Processing Flags

Reagents:

ATTO15GIS_00019

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Operator ID: vtp

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Worklist Smp#: 24

Client ID: SV-2

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

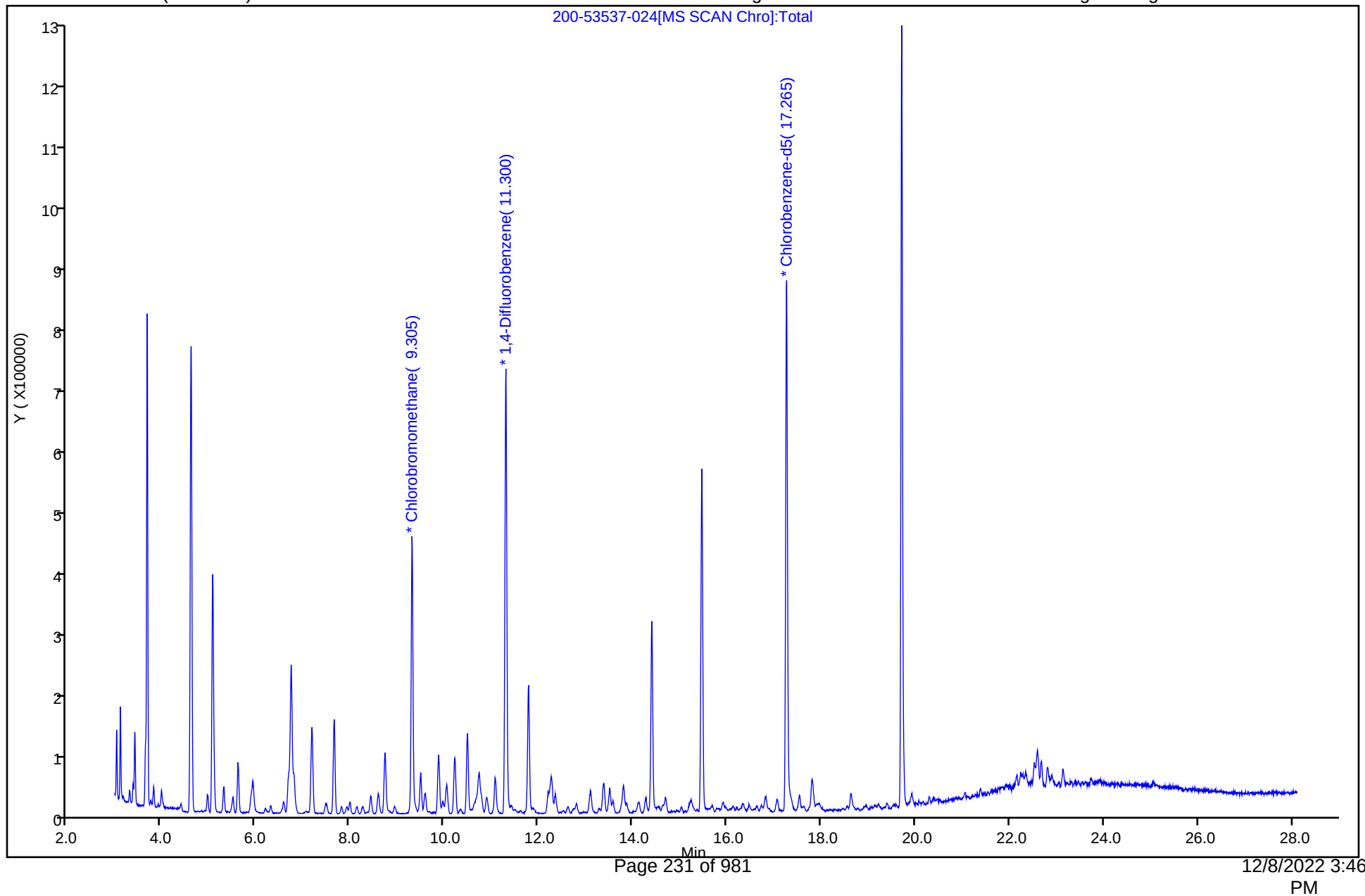
ALS Bottle#: 23

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

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



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

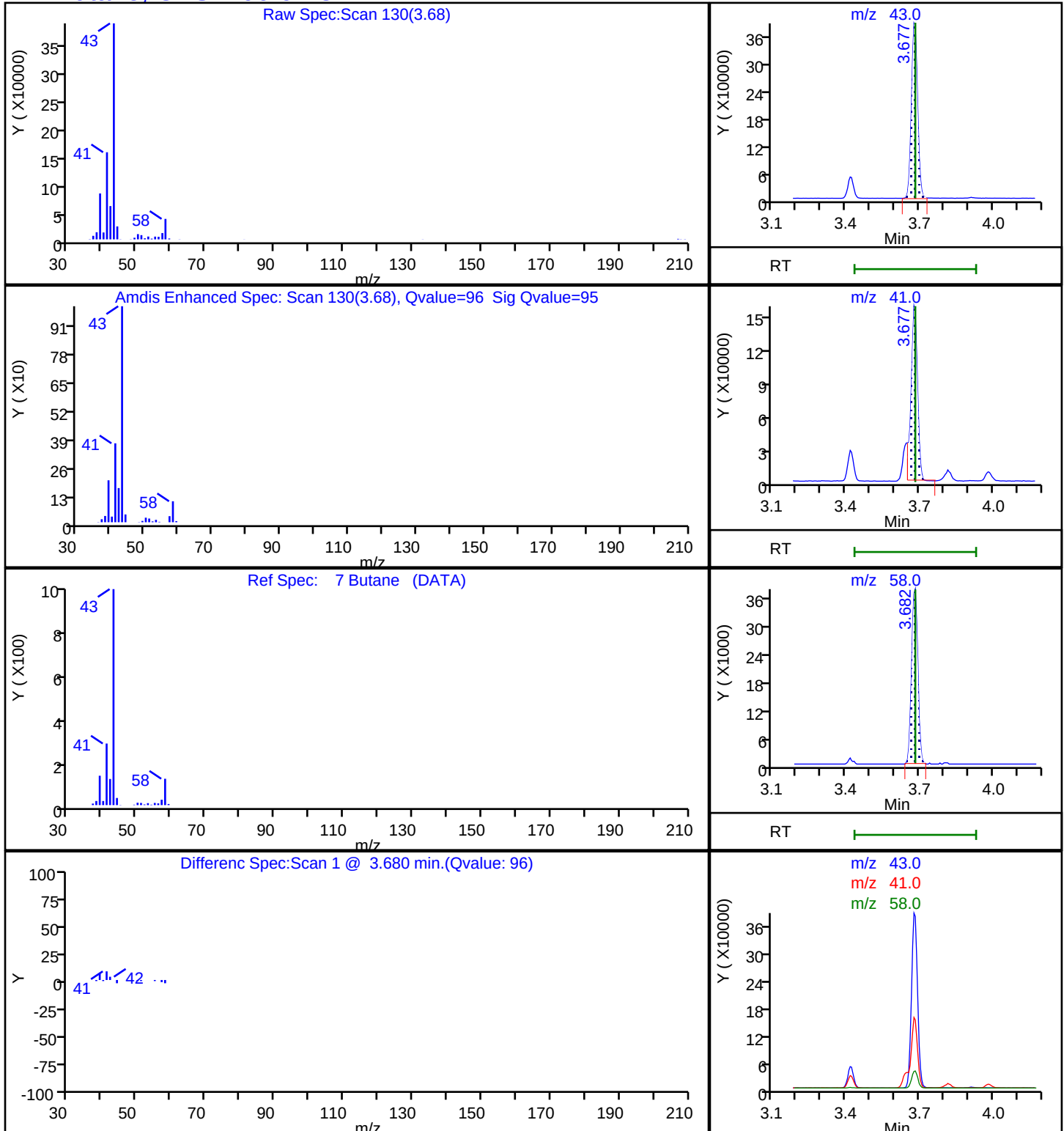
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

7 Butane, CAS: 106-97-8

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

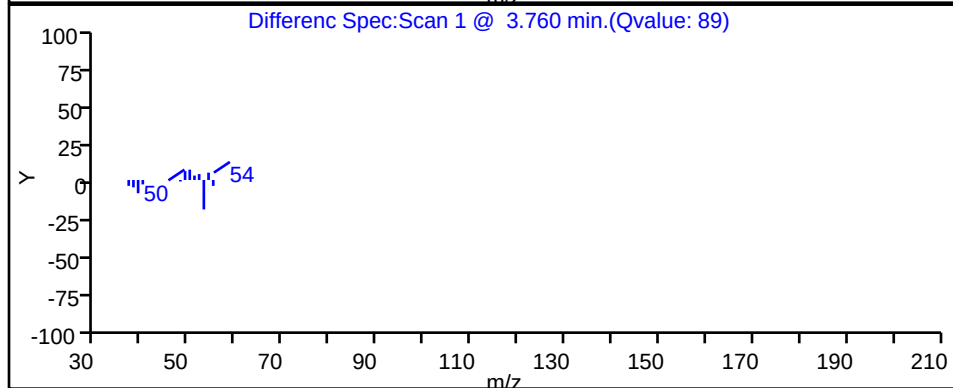
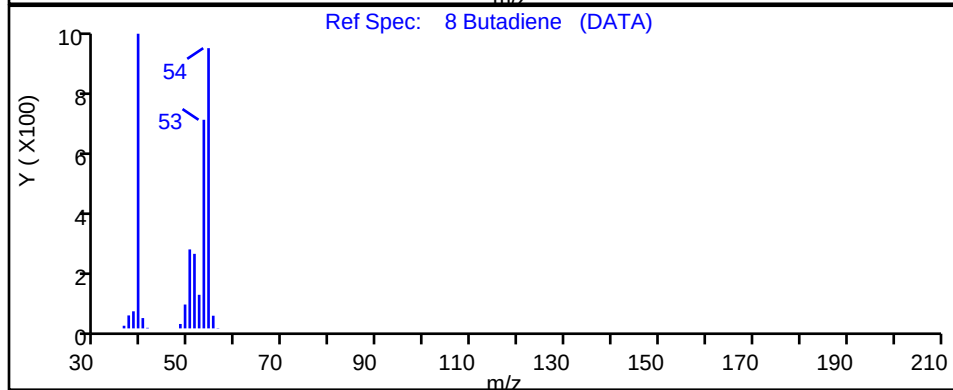
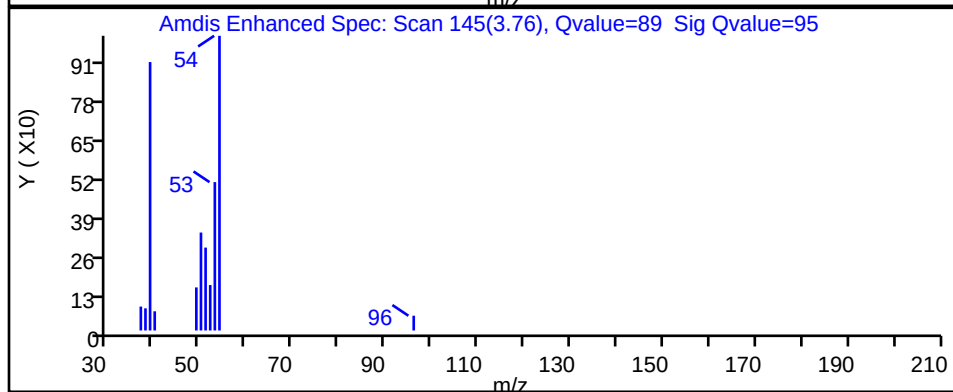
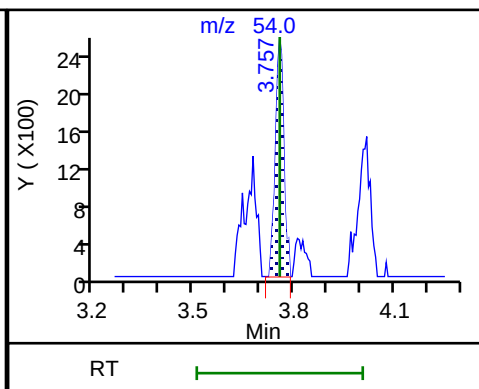
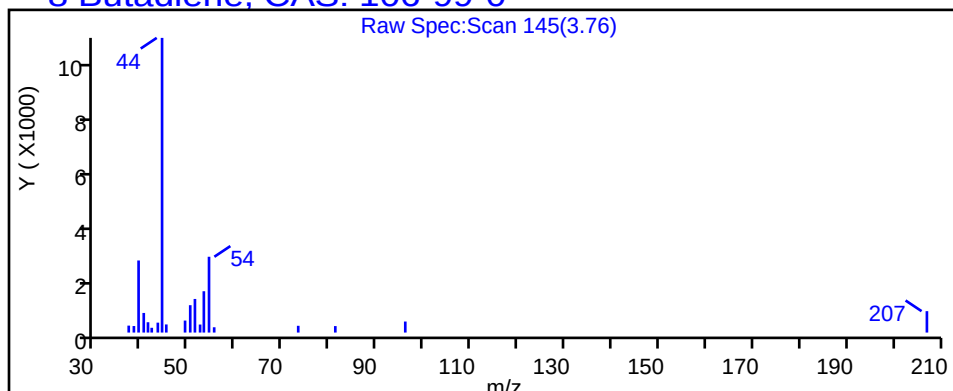
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

8 Butadiene, CAS: 106-99-0



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

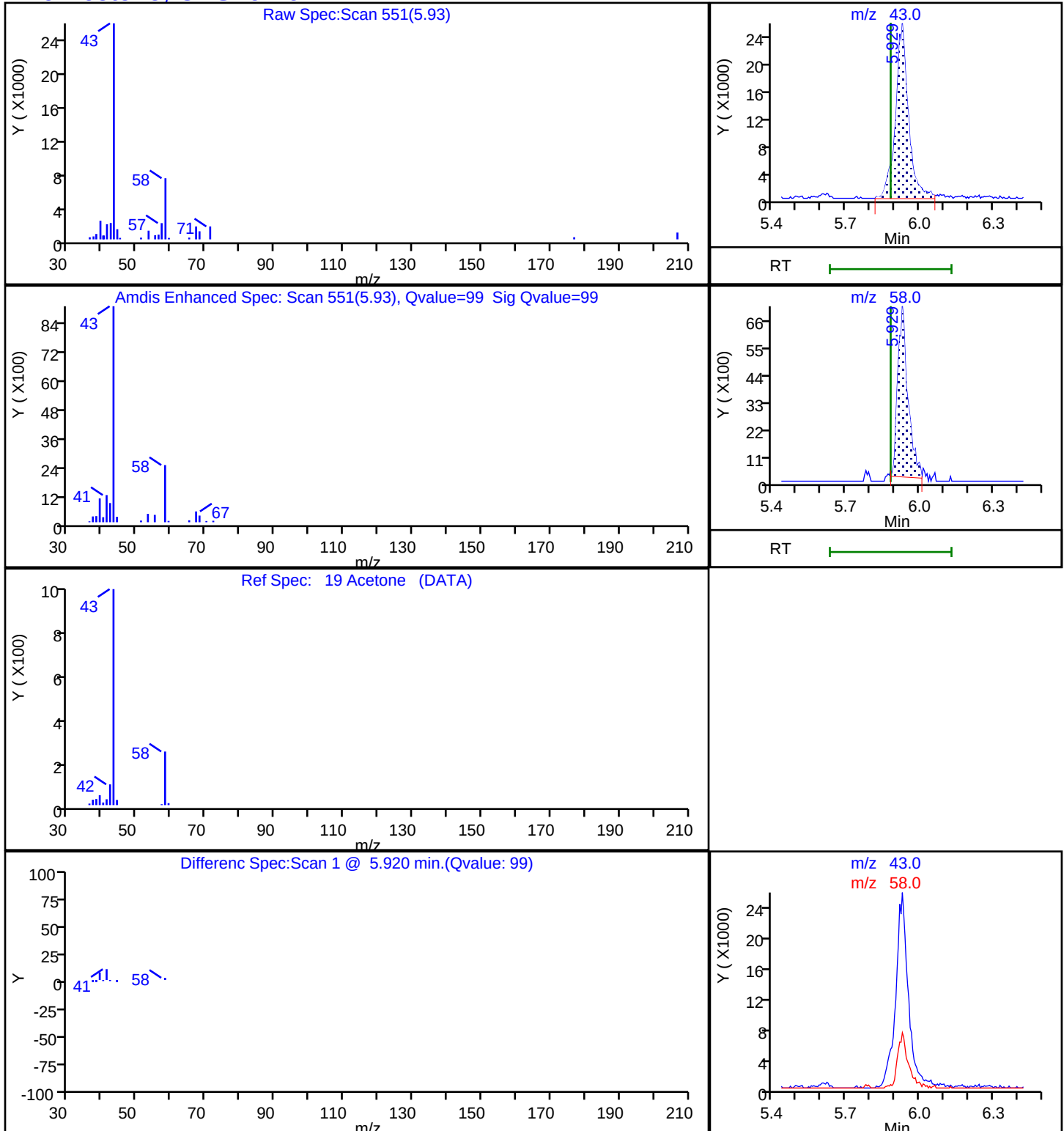
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

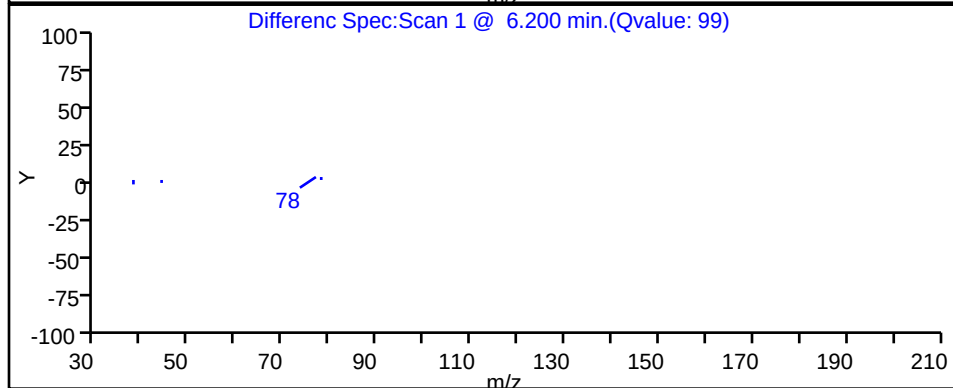
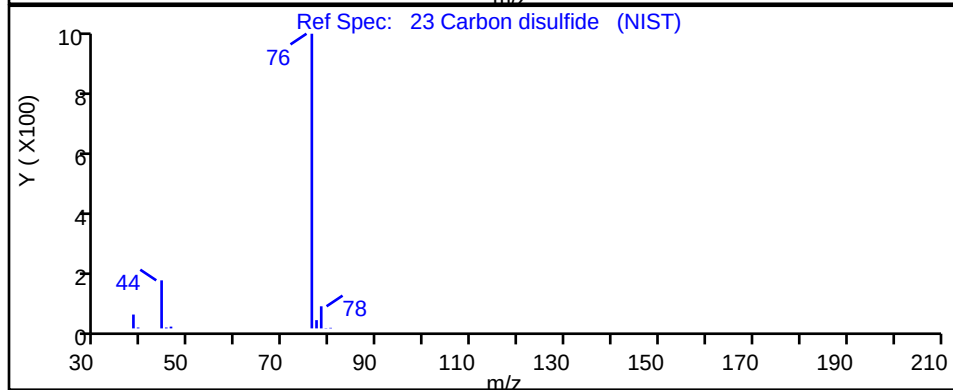
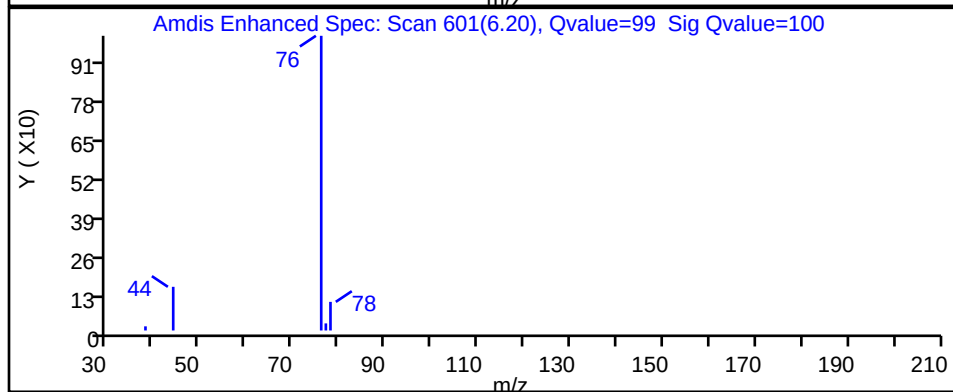
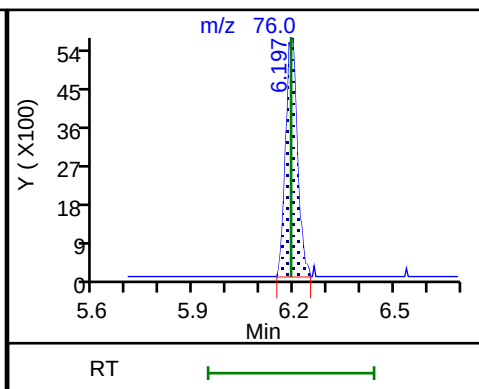
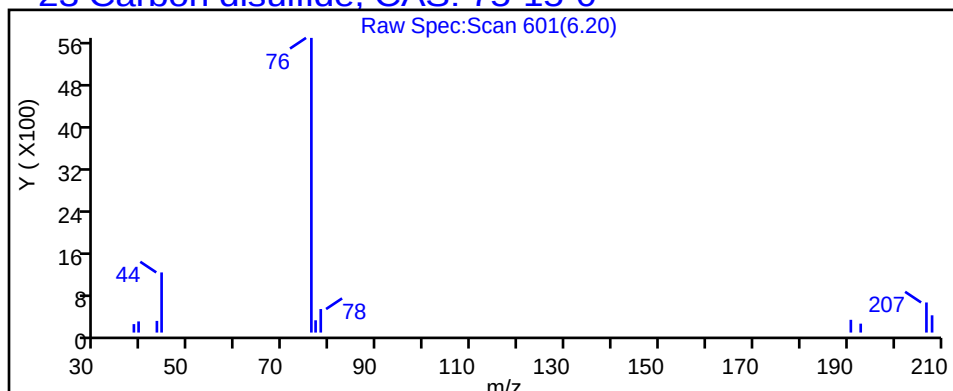
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

23 Carbon disulfide, CAS: 75-15-0

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

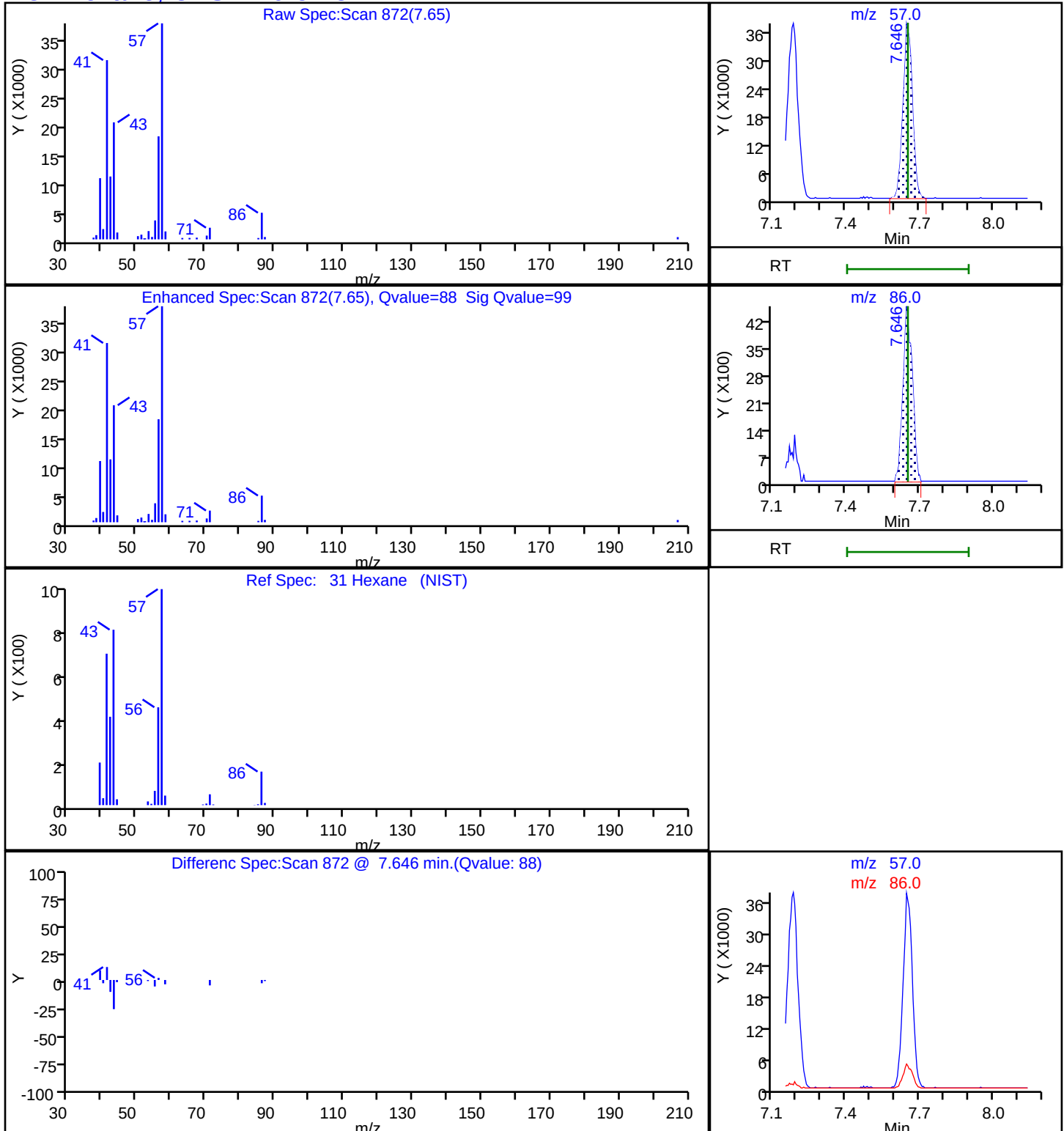
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

31 Hexane, CAS: 110-54-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

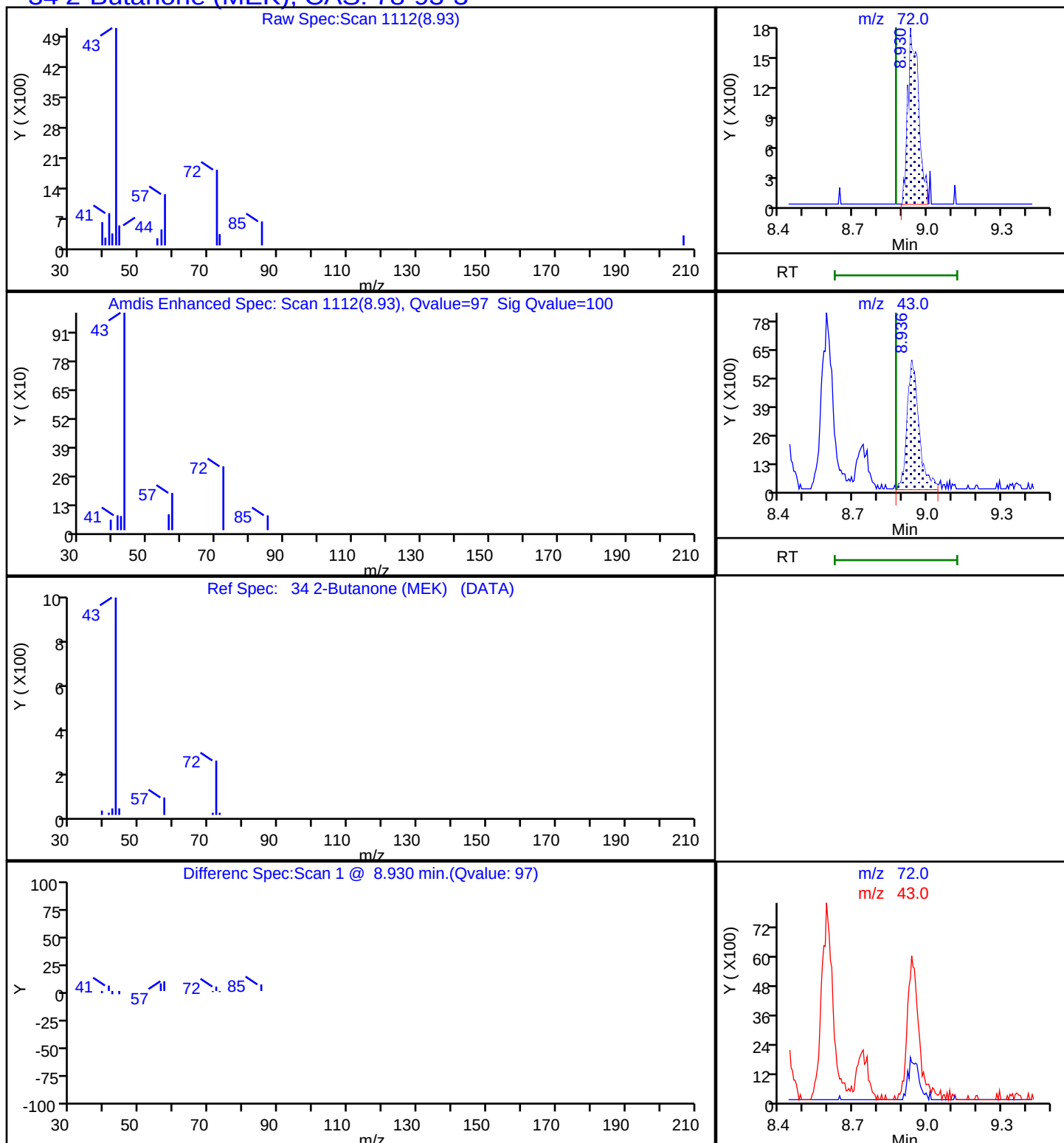
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

34 2-Butanone (MEK), CAS: 78-93-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

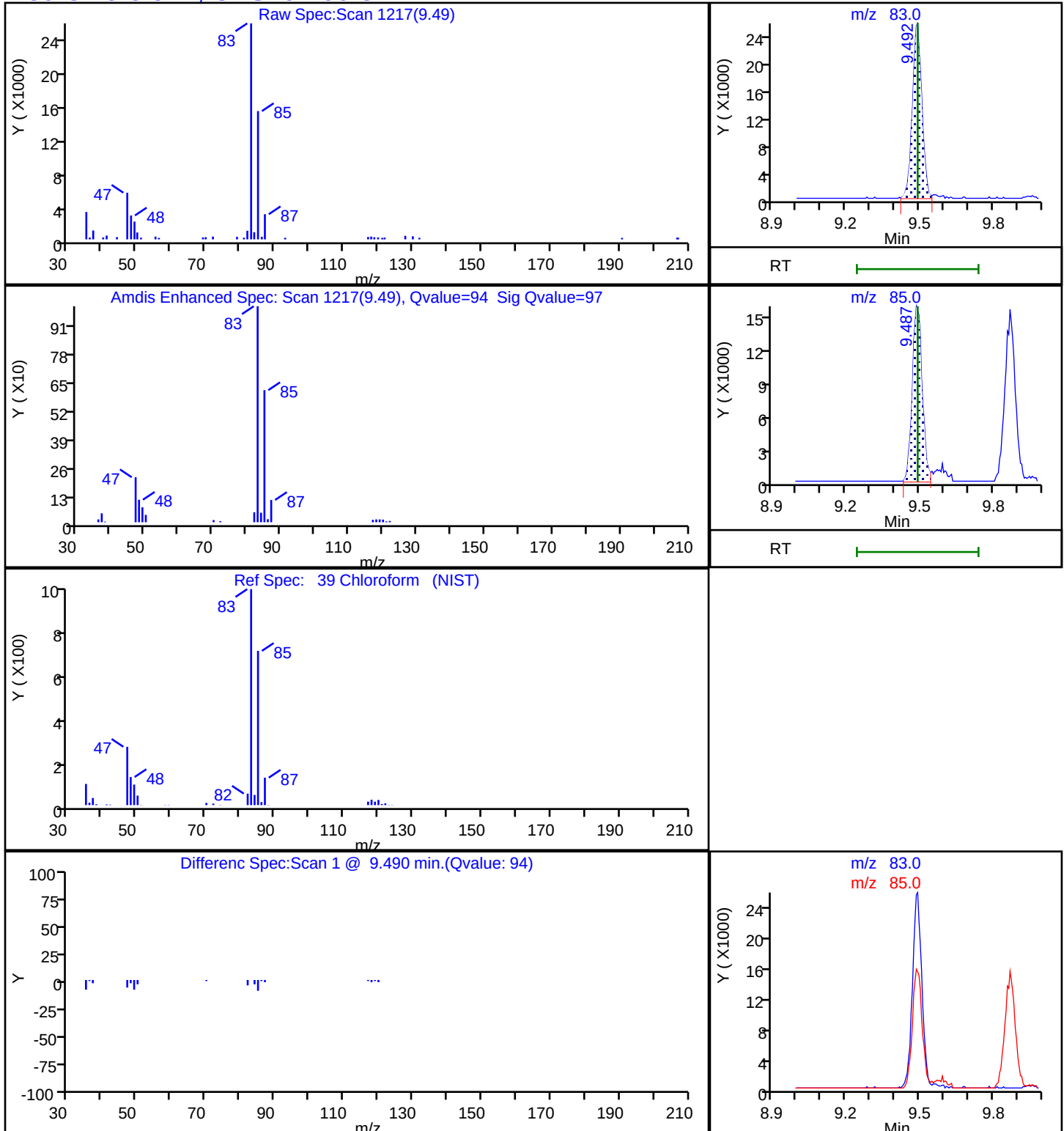
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

39 Chloroform, CAS: 67-66-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

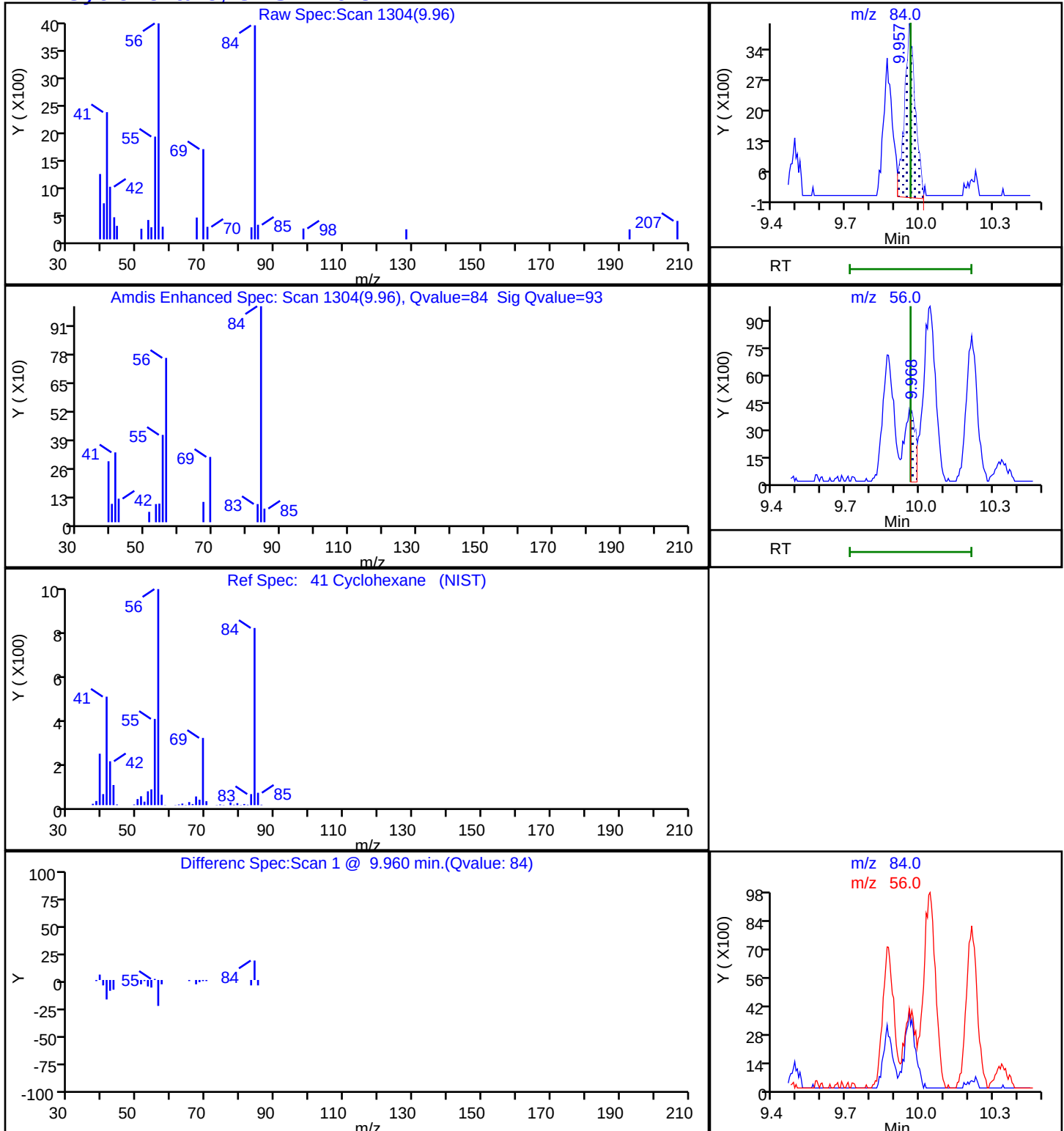
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

41 Cyclohexane, CAS: 110-82-7

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

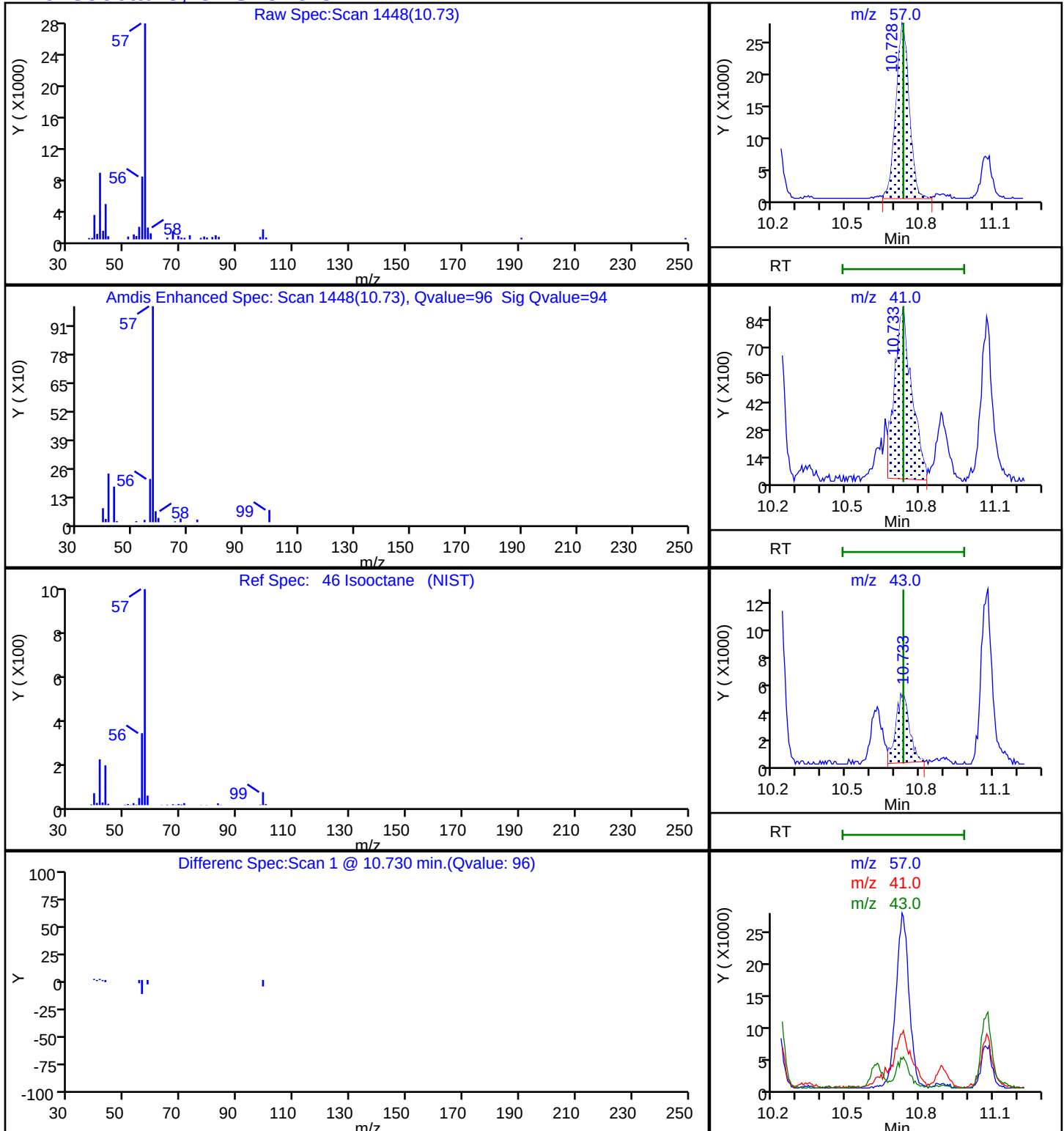
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 Isooctane, CAS: 540-84-1

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

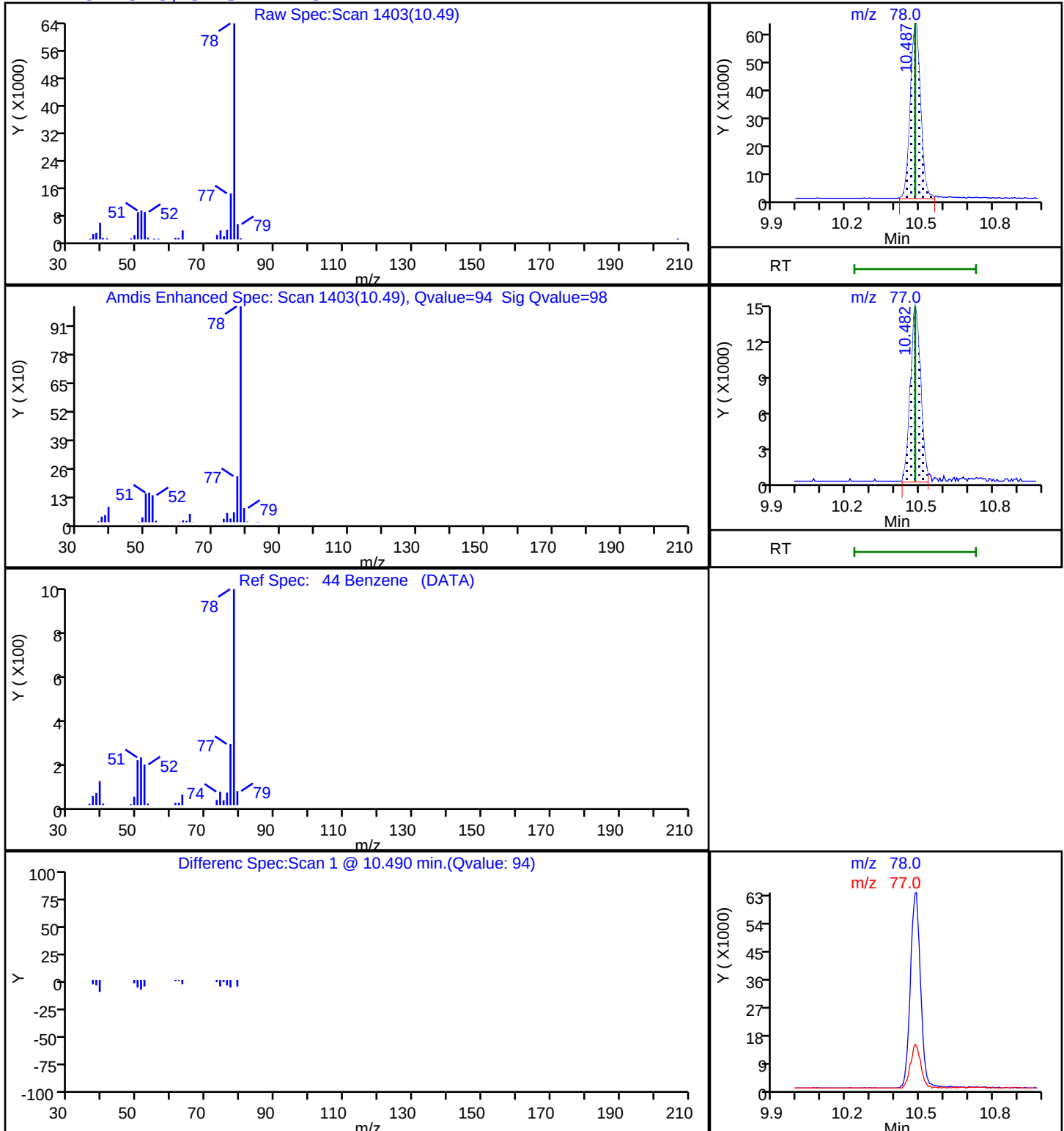
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Benzene, CAS: 71-43-2



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

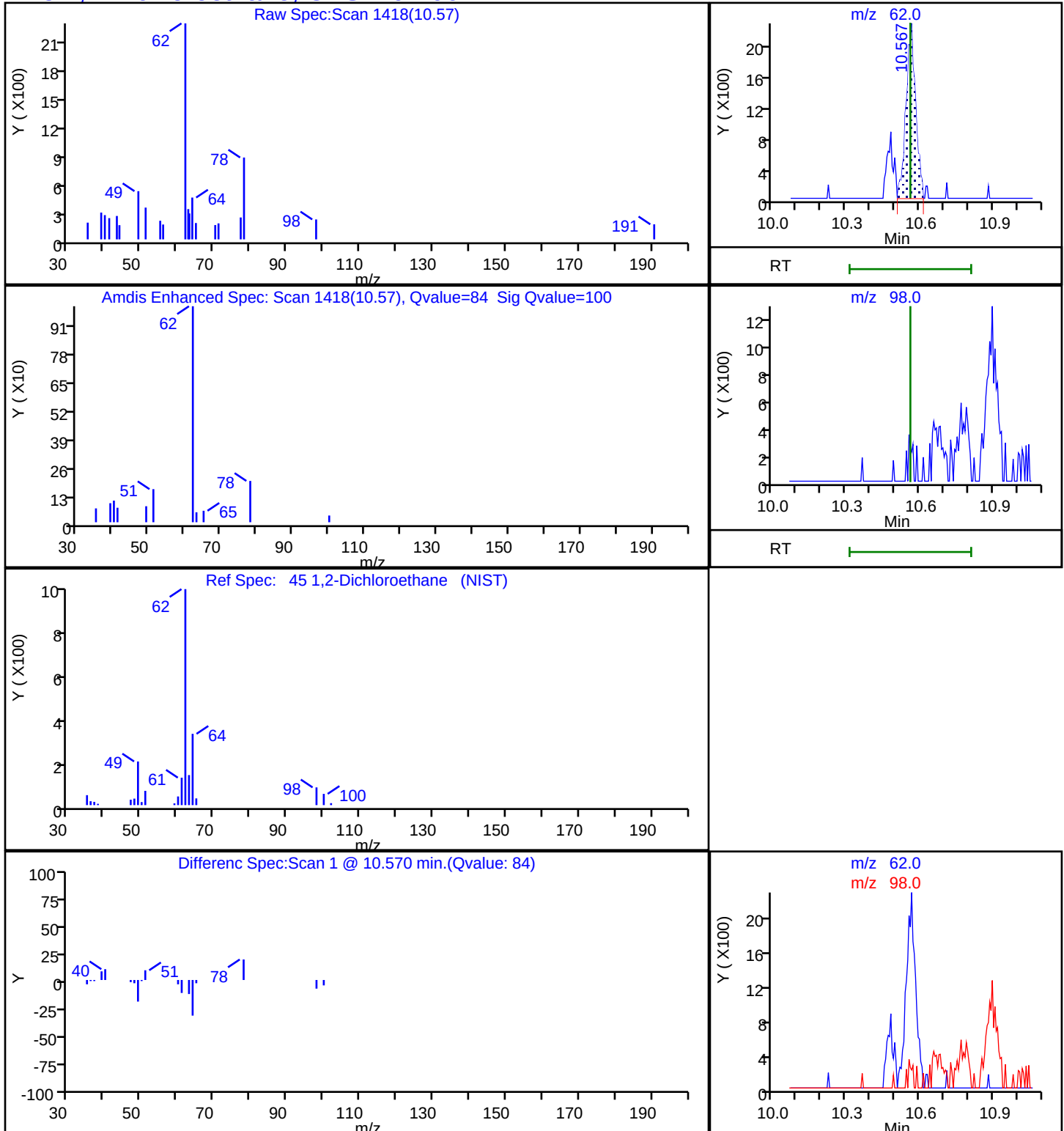
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

45 1,2-Dichloroethane, CAS: 107-06-2

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

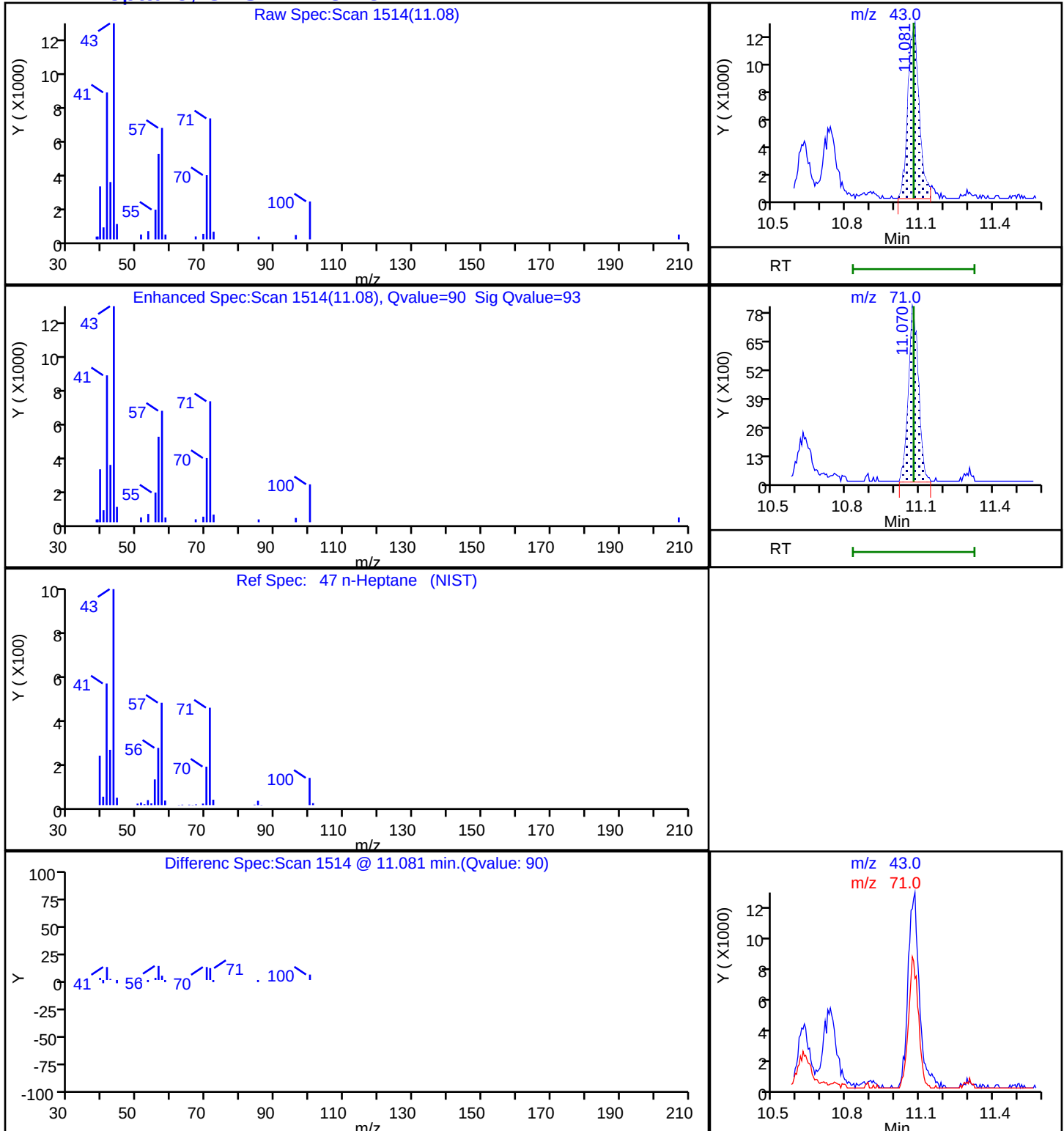
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

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

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

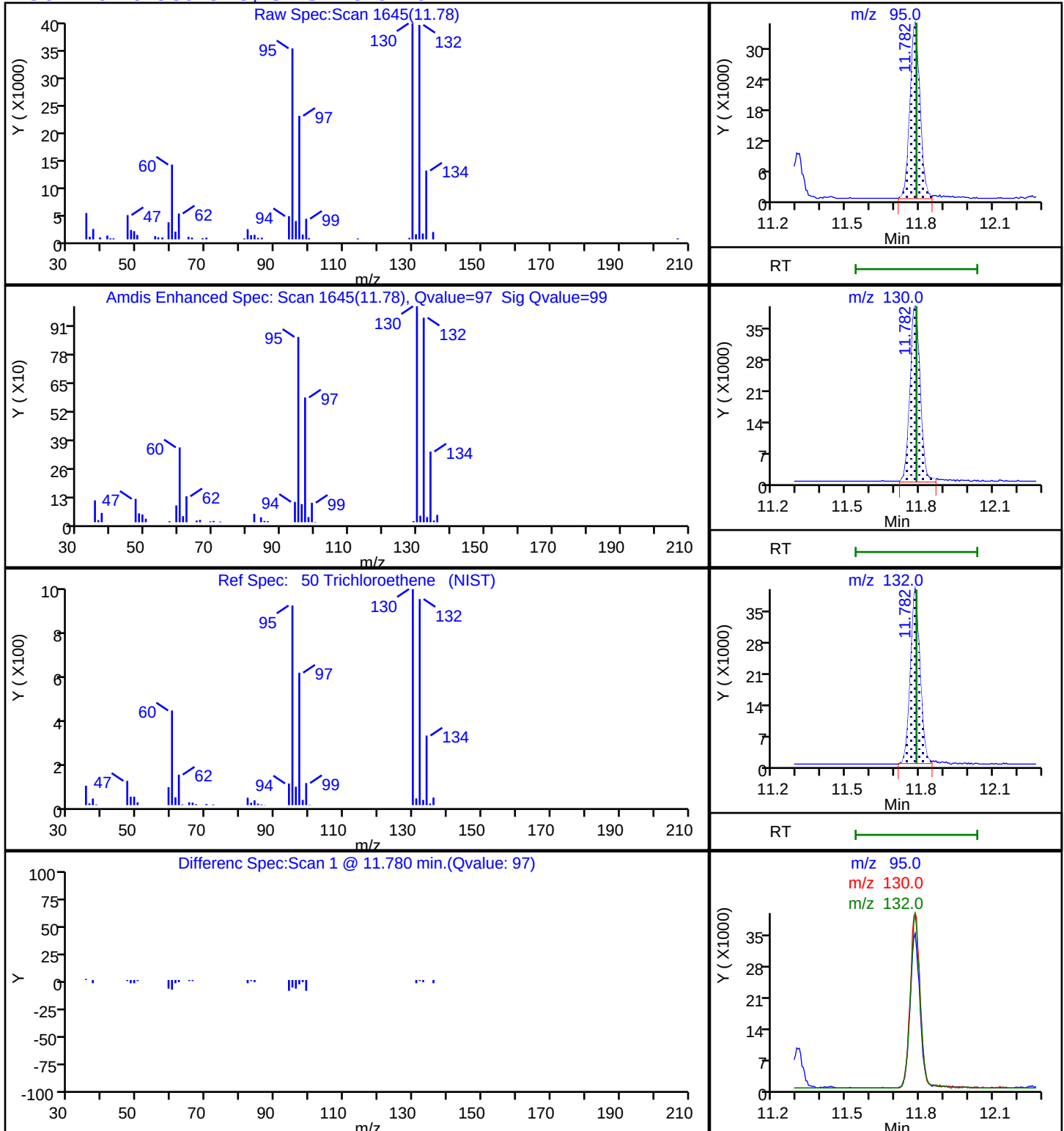
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

50 Trichloroethene, CAS: 79-01-6

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

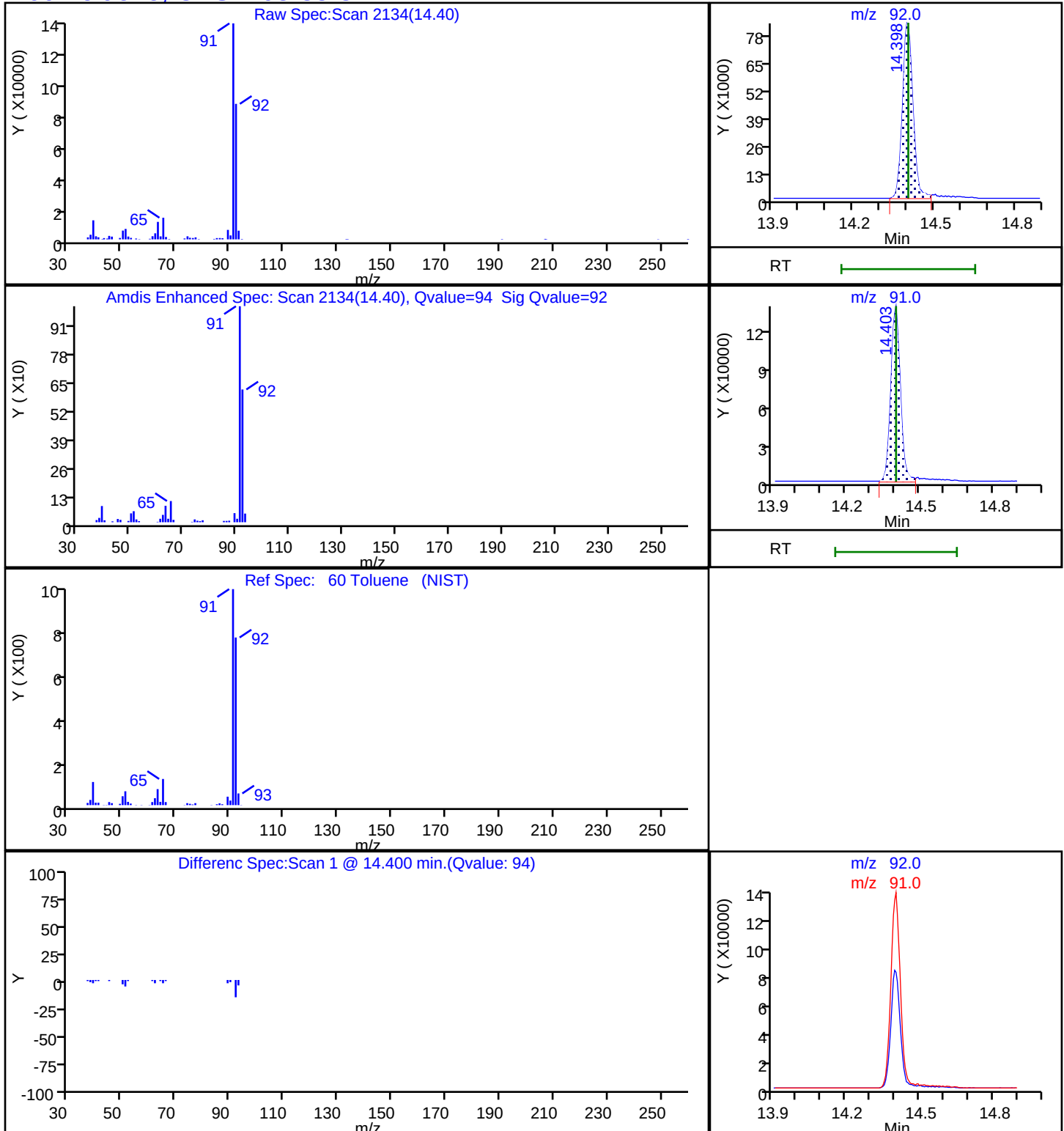
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

60 Toluene, CAS: 108-88-3

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

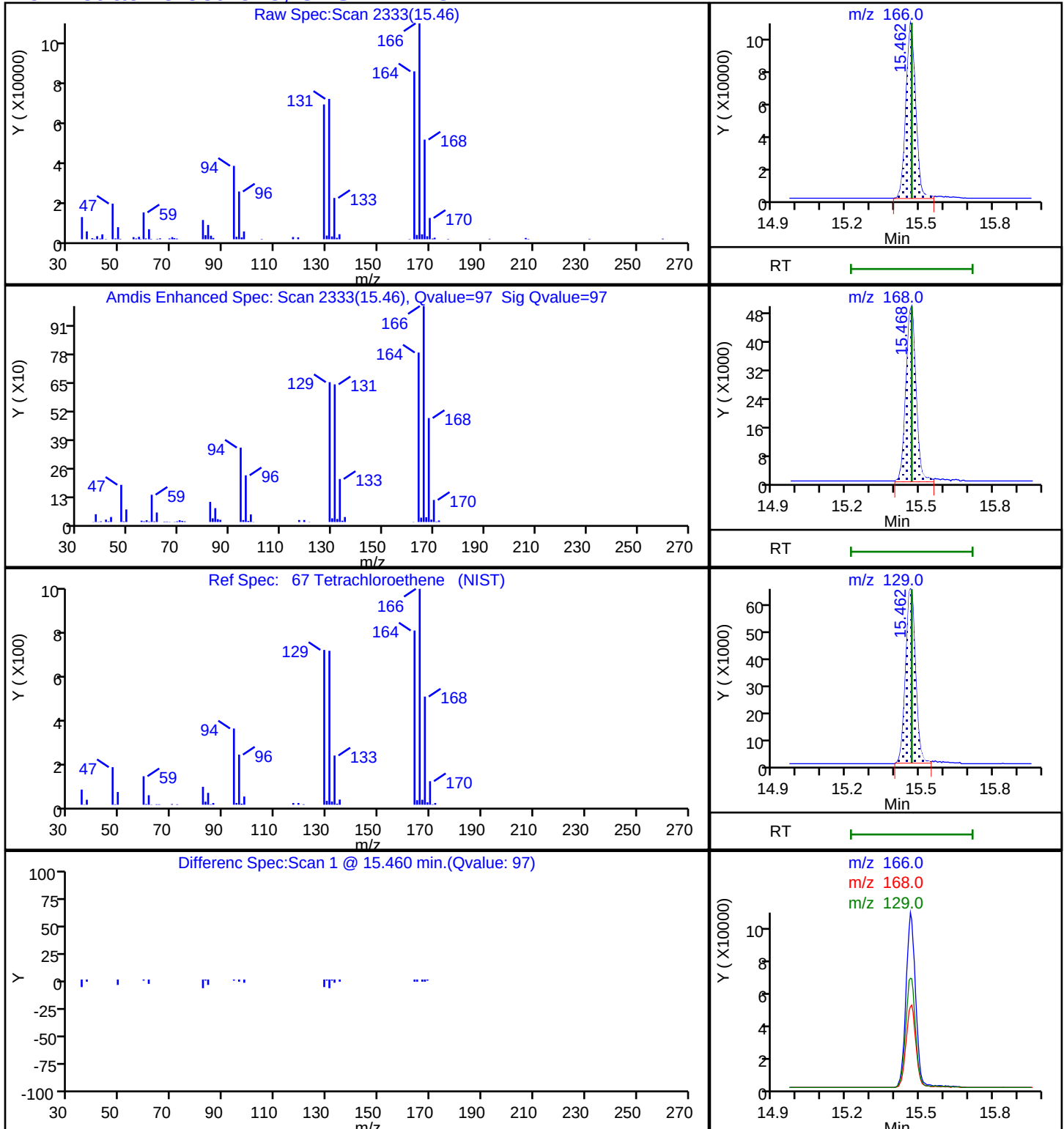
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

67 Tetrachloroethene, CAS: 127-18-4

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

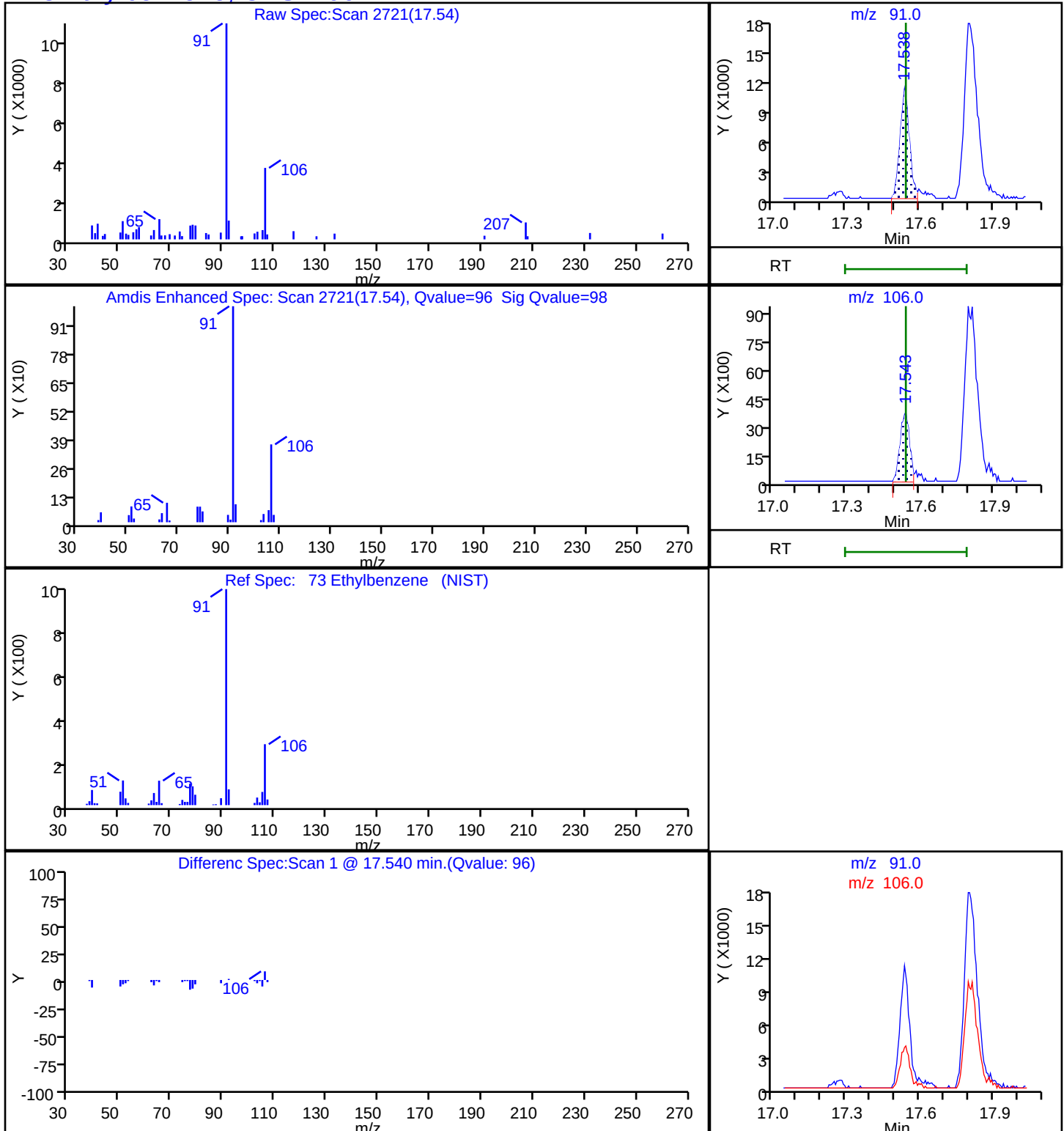
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

73 Ethylbenzene, CAS: 100-41-4

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

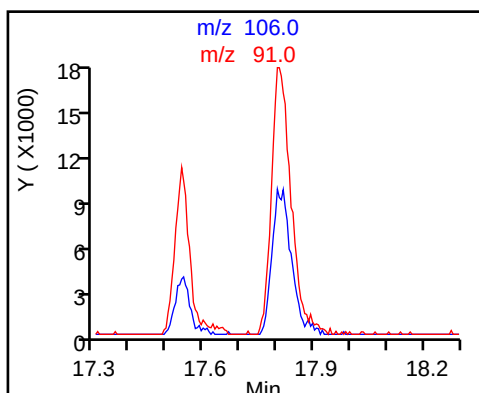
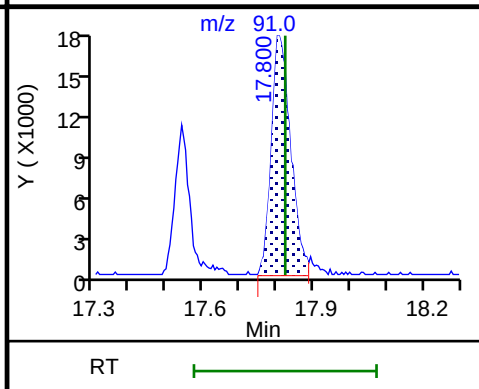
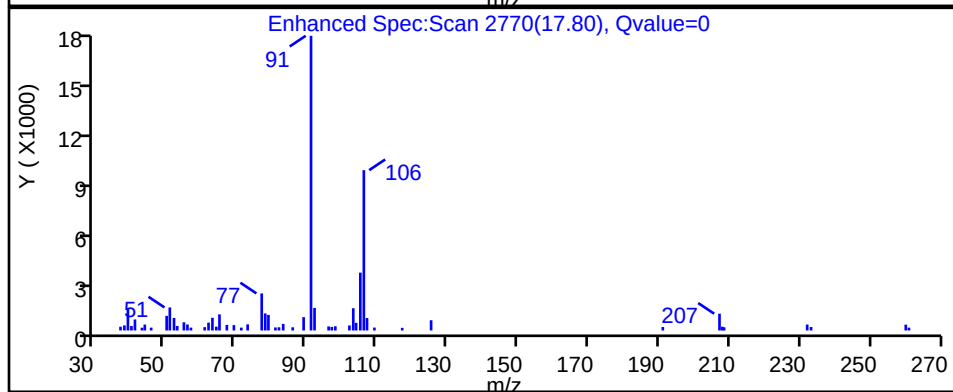
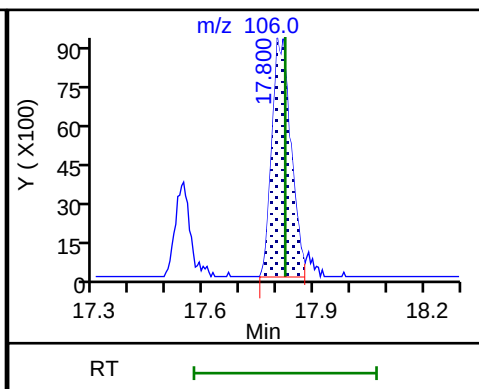
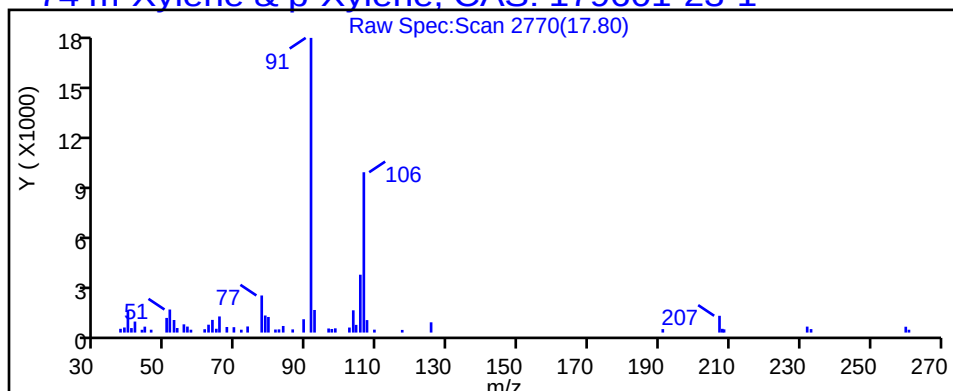
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

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

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

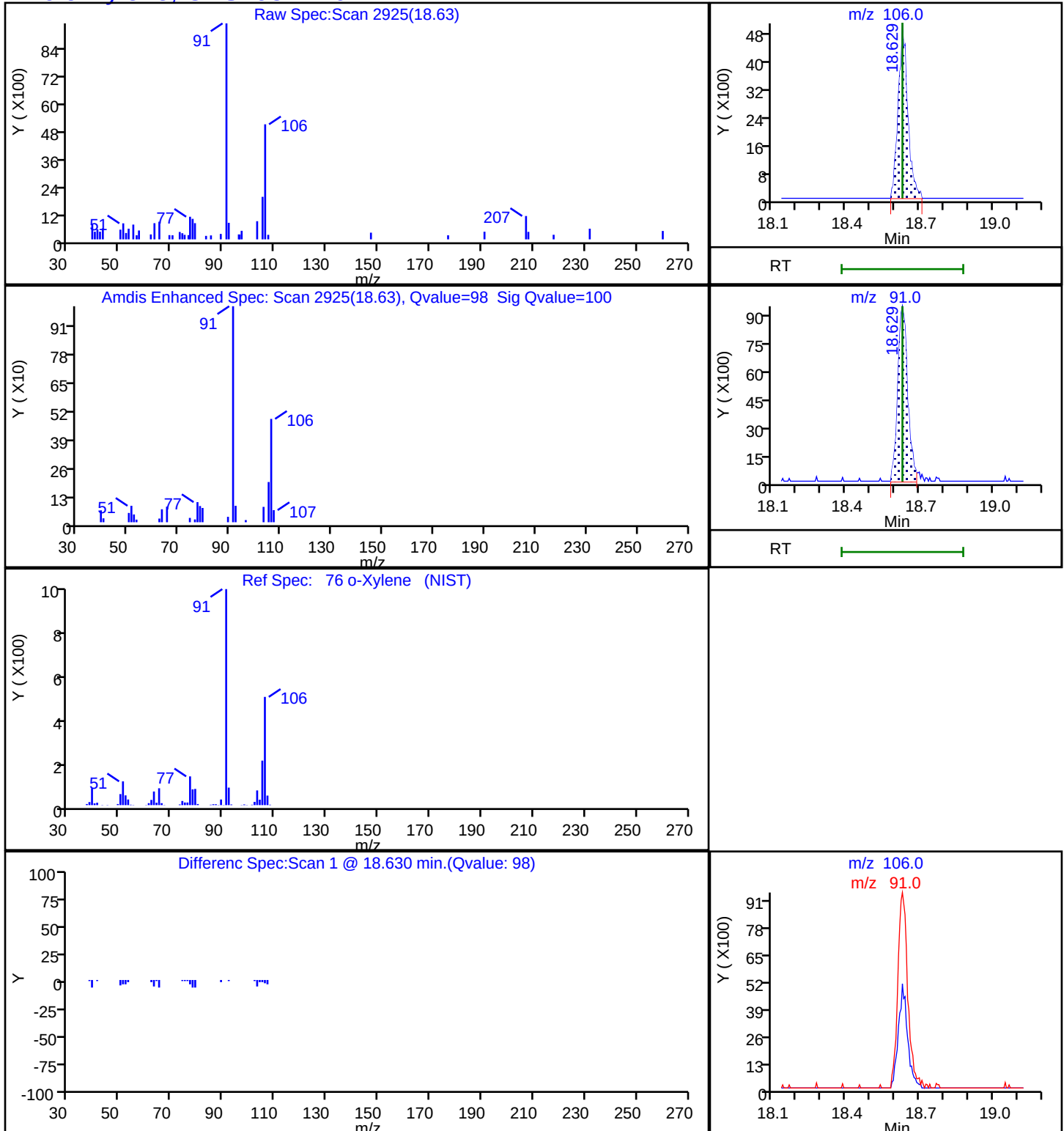
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

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

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

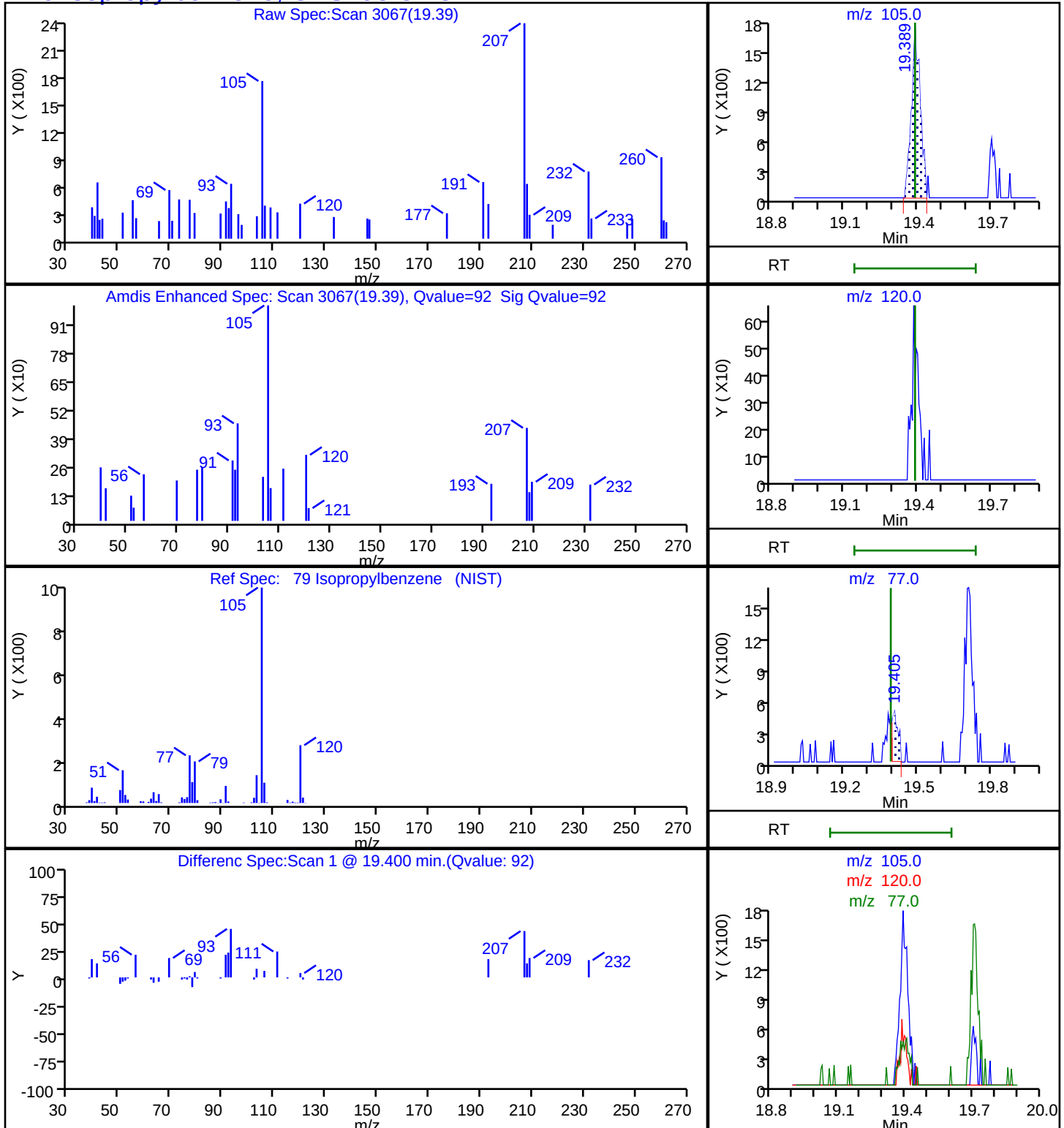
Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

79 Isopropylbenzene, CAS: 98-82-8

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

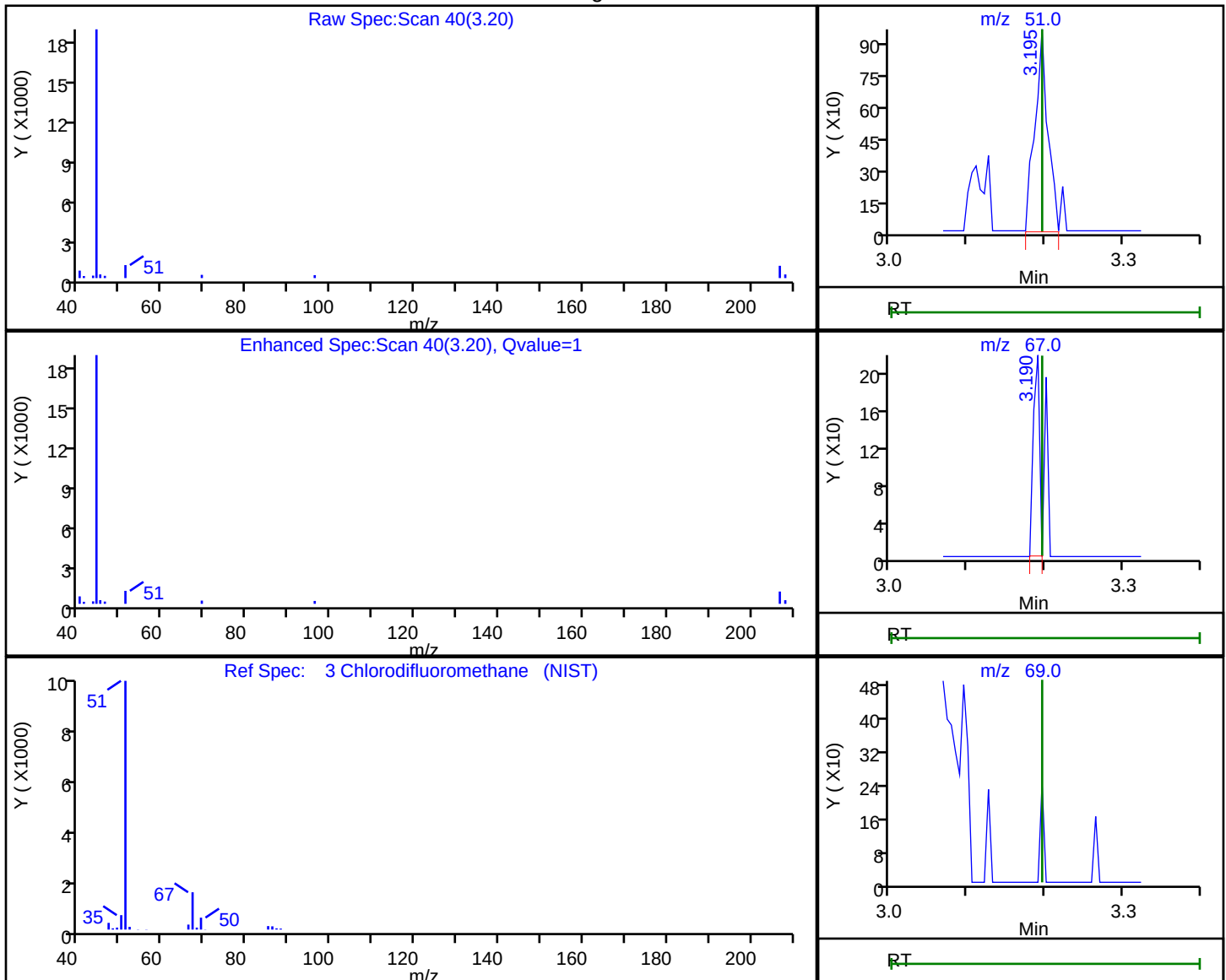
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

3 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
3.20	51.00	1119	0.041900
3.19	67.00	122	
3.20	69.00	0	

Reviewer: BKZ7, 06-Dec-2022 07:57:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

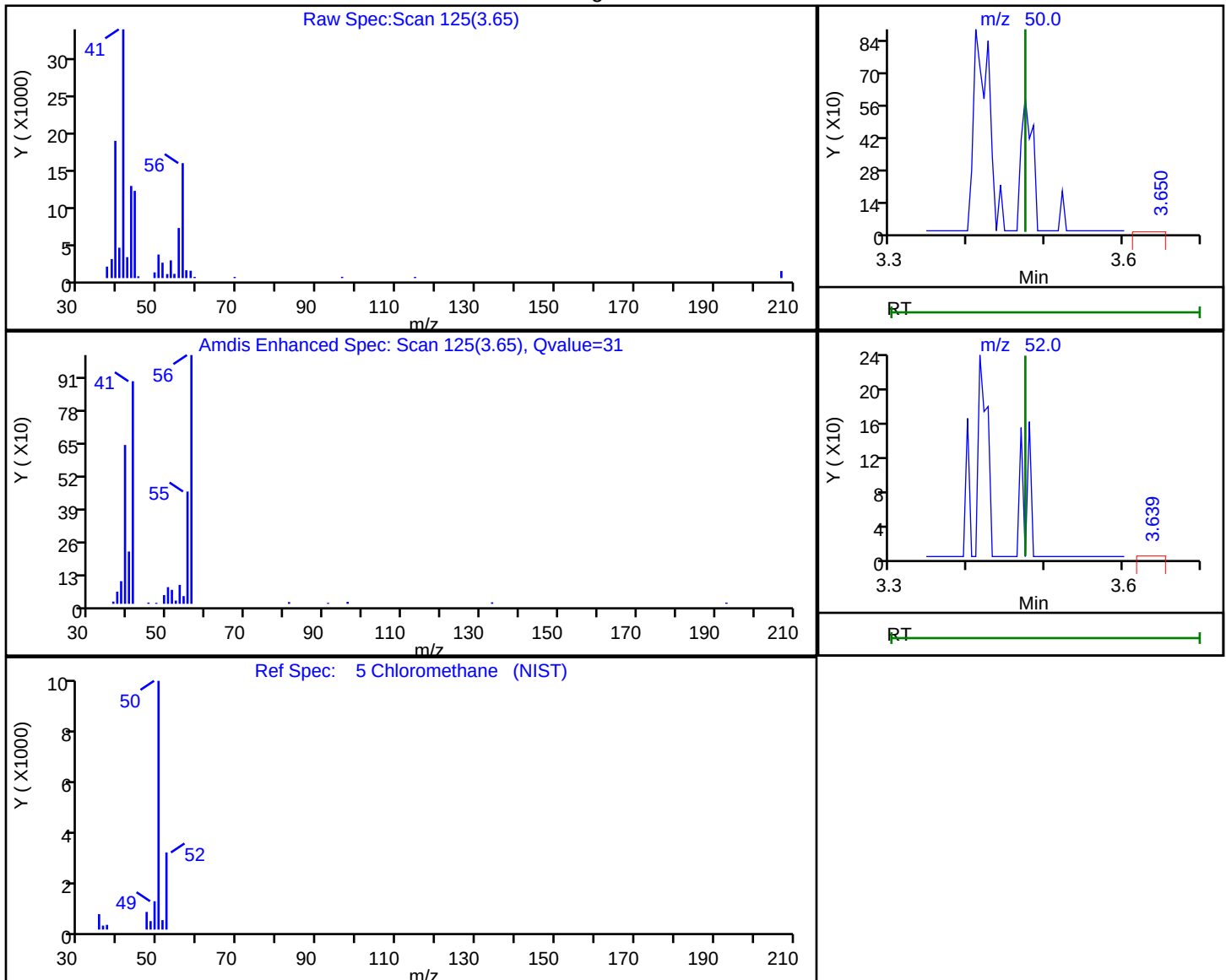
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

5 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
3.65	50.00	5198	0.433570
3.64	52.00	963	

Reviewer: BKZ7, 06-Dec-2022 07:57:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

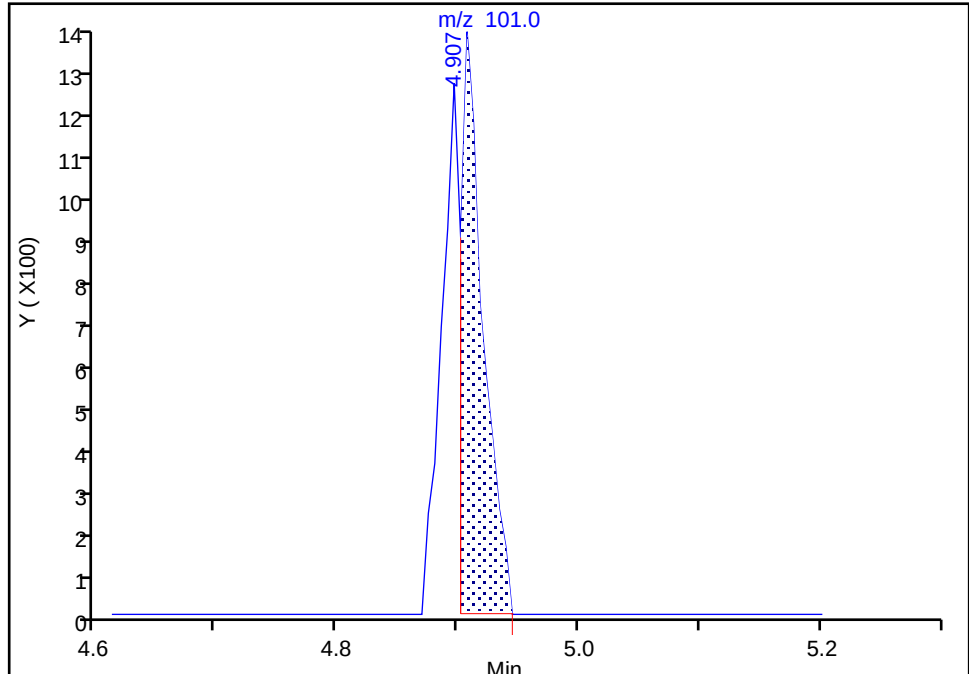
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D				
Injection Date:	06-Dec-2022 02:39:30	Instrument ID:	CHG.i		
Lims ID:	200-65967-A-2	Lab Sample ID:	200-65967-2		
Client ID:	SV-2				
Operator ID:	vtp	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

13 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

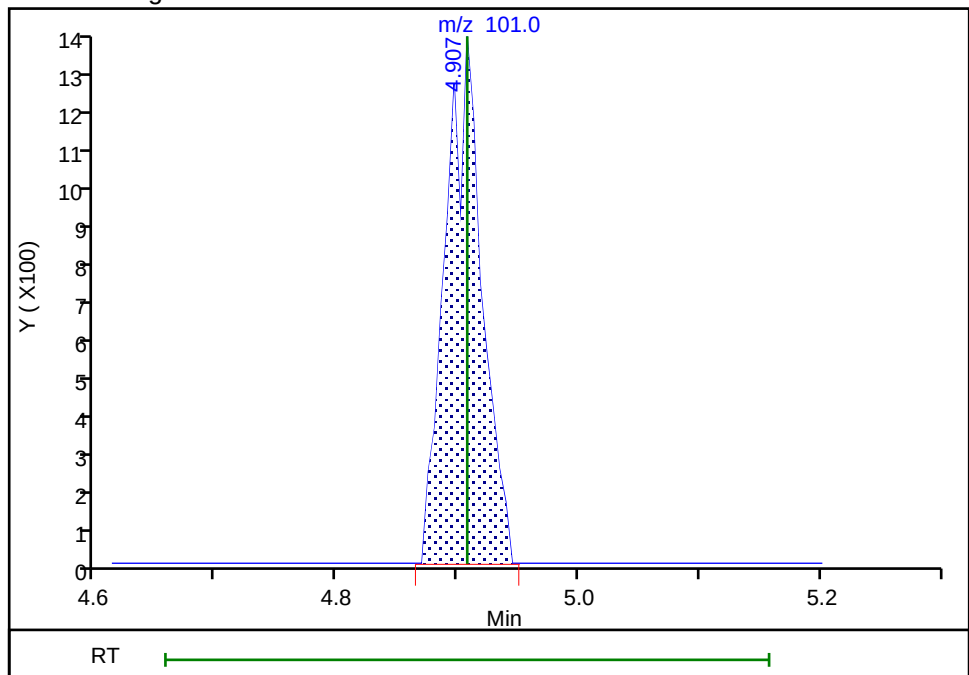
RT: 4.91
Area: 1688
Amount: 0.028147
Amount Units: ppb v/v

Processing Integration Results



RT: 4.91
Area: 2737
Amount: 0.045640
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 06-Dec-2022 07:58:58

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

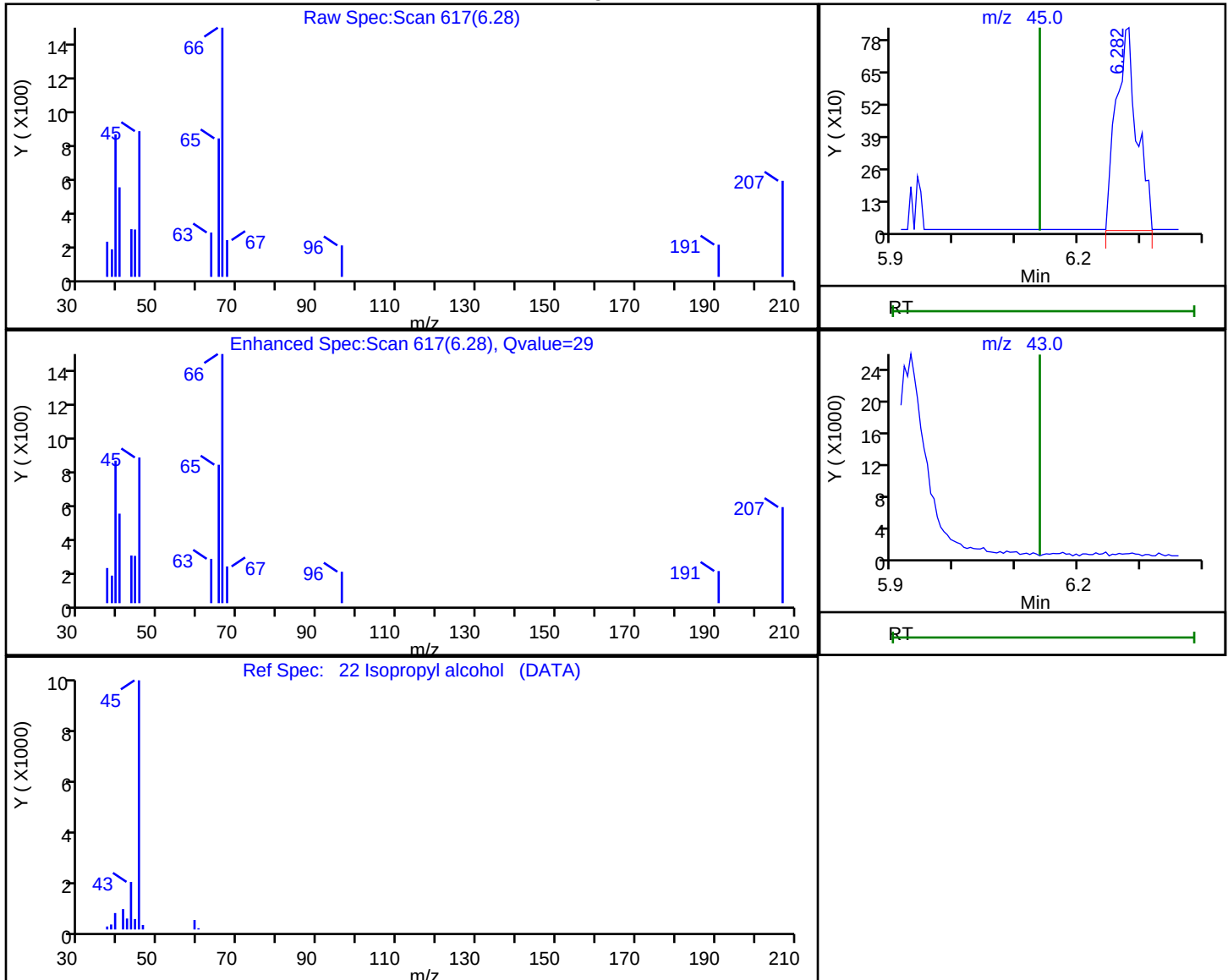
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

22 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
6.28	45.00	1925	0.108761
6.14	43.00	0	

Reviewer: BKZ7, 06-Dec-2022 07:59:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

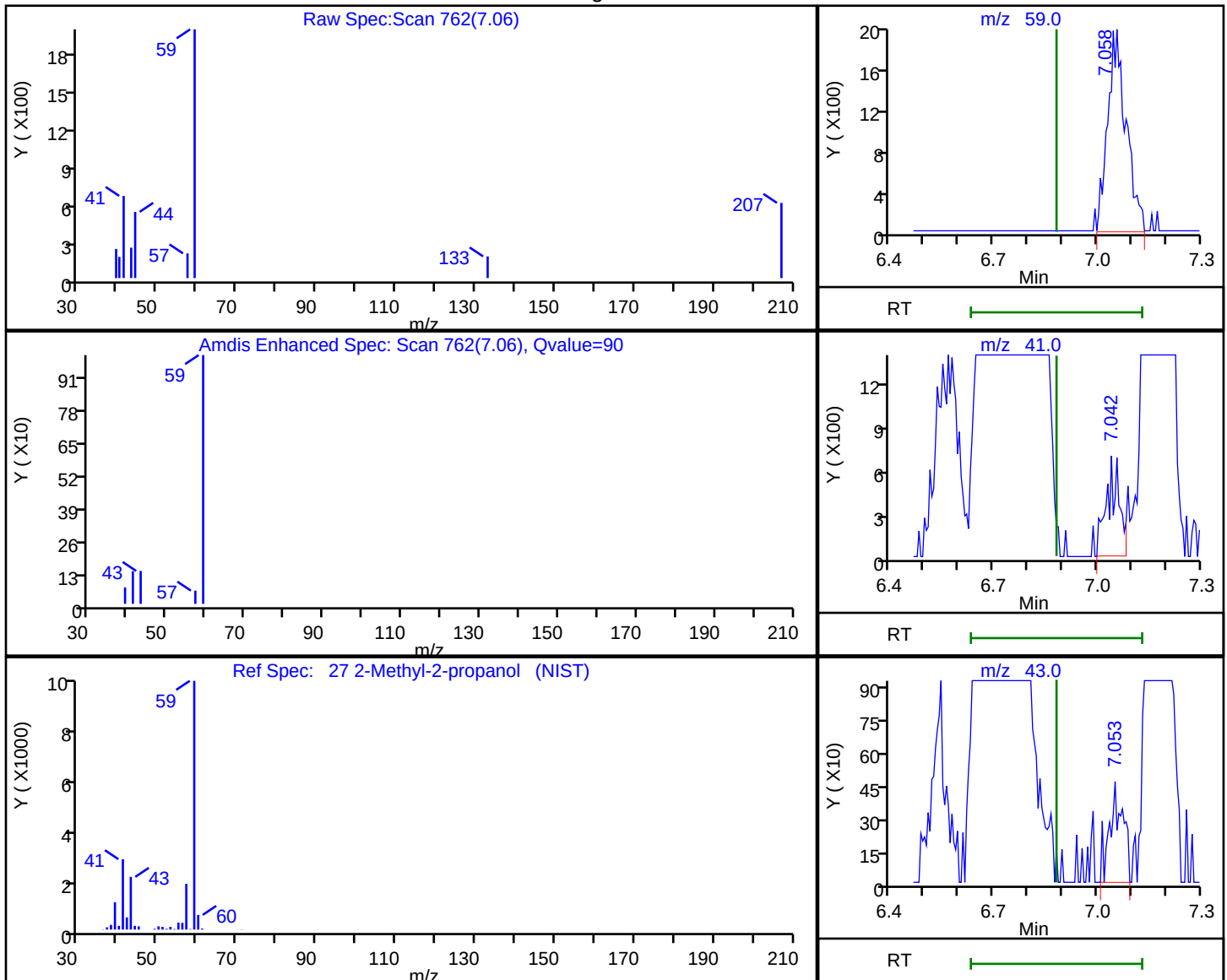
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

27 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
7.06	59.00	7250	0.294969
7.04	41.00	1709	
7.05	43.00	1259	

Reviewer: BKZ7, 06-Dec-2022 07:59:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

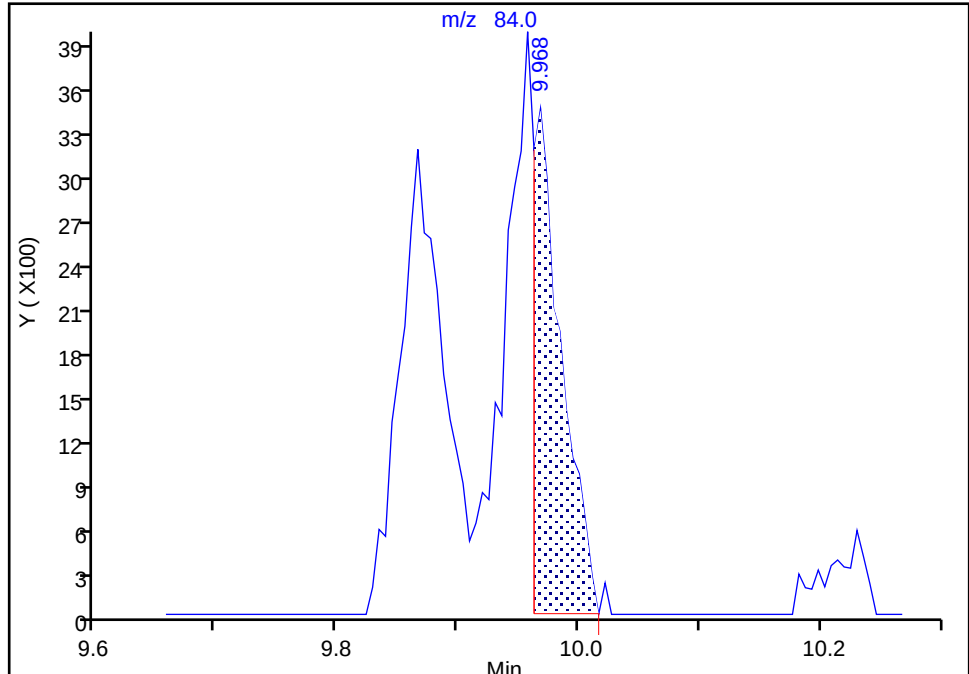
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D				
Injection Date:	06-Dec-2022 02:39:30	Instrument ID:	CHG.i		
Lims ID:	200-65967-A-2	Lab Sample ID:	200-65967-2		
Client ID:	SV-2				
Operator ID:	vtp	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	5.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN		

41 Cyclohexane, CAS: 110-82-7

Signal: 1

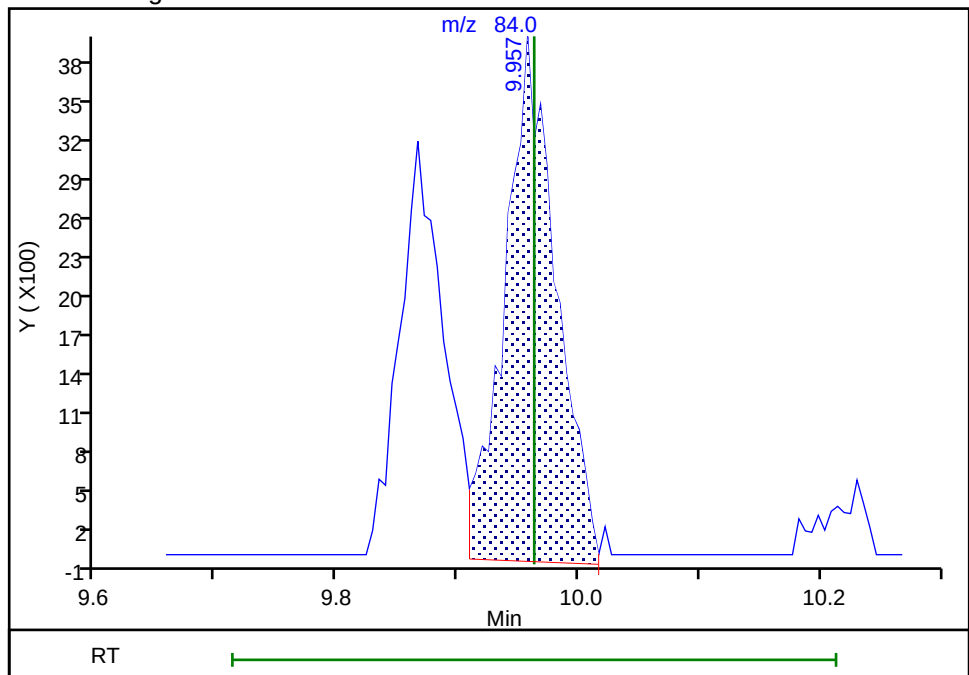
RT: 9.97
Area: 5690
Amount: 0.255402
Amount Units: ppb v/v

Processing Integration Results



RT: 9.96
Area: 11813
Amount: 0.530239
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 06-Dec-2022 07:59:32

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

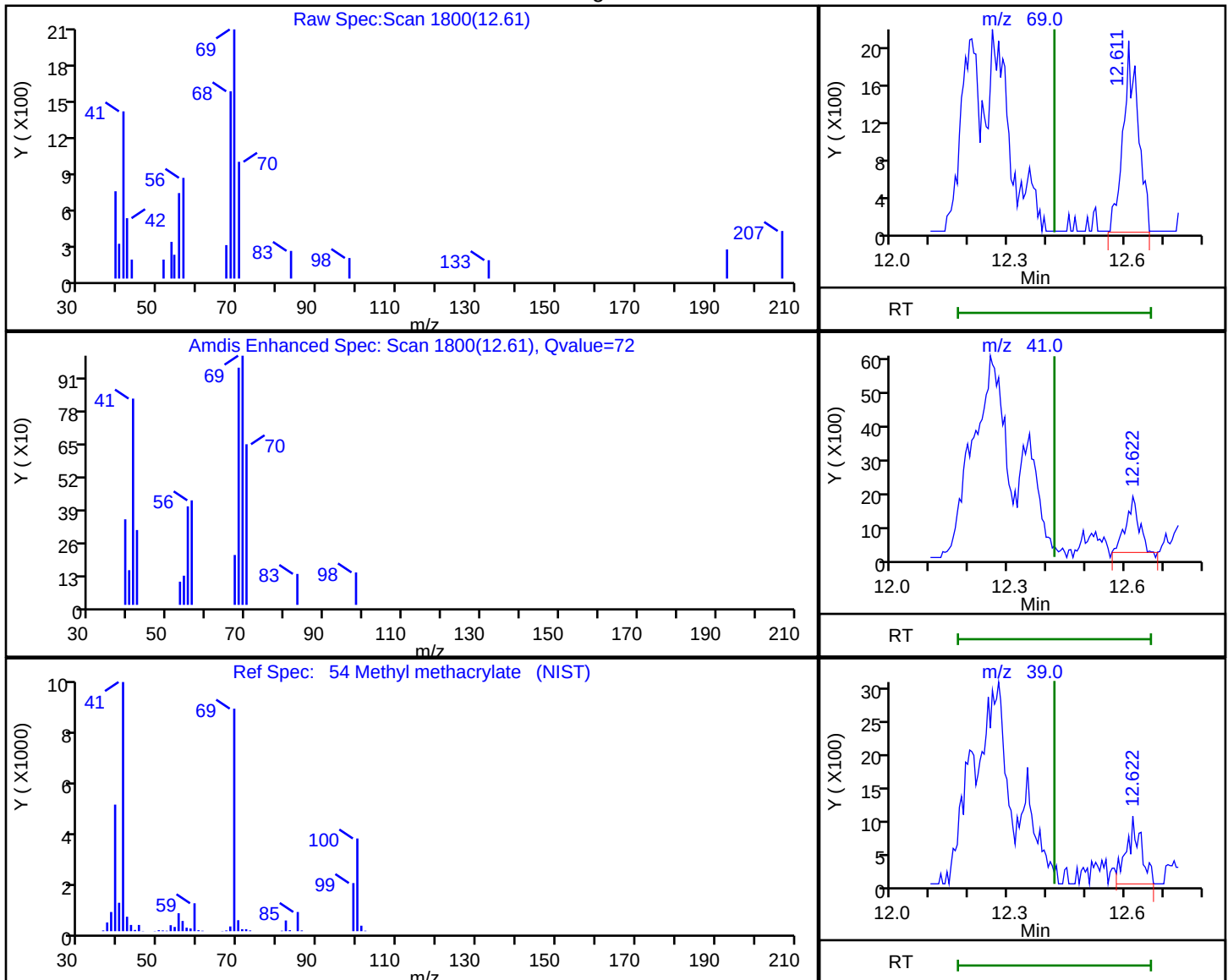
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

54 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
12.61	69.00	5520	0.344040
12.62	41.00	3888	
12.62	39.00	2682	

Reviewer: BKZ7, 06-Dec-2022 07:59:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

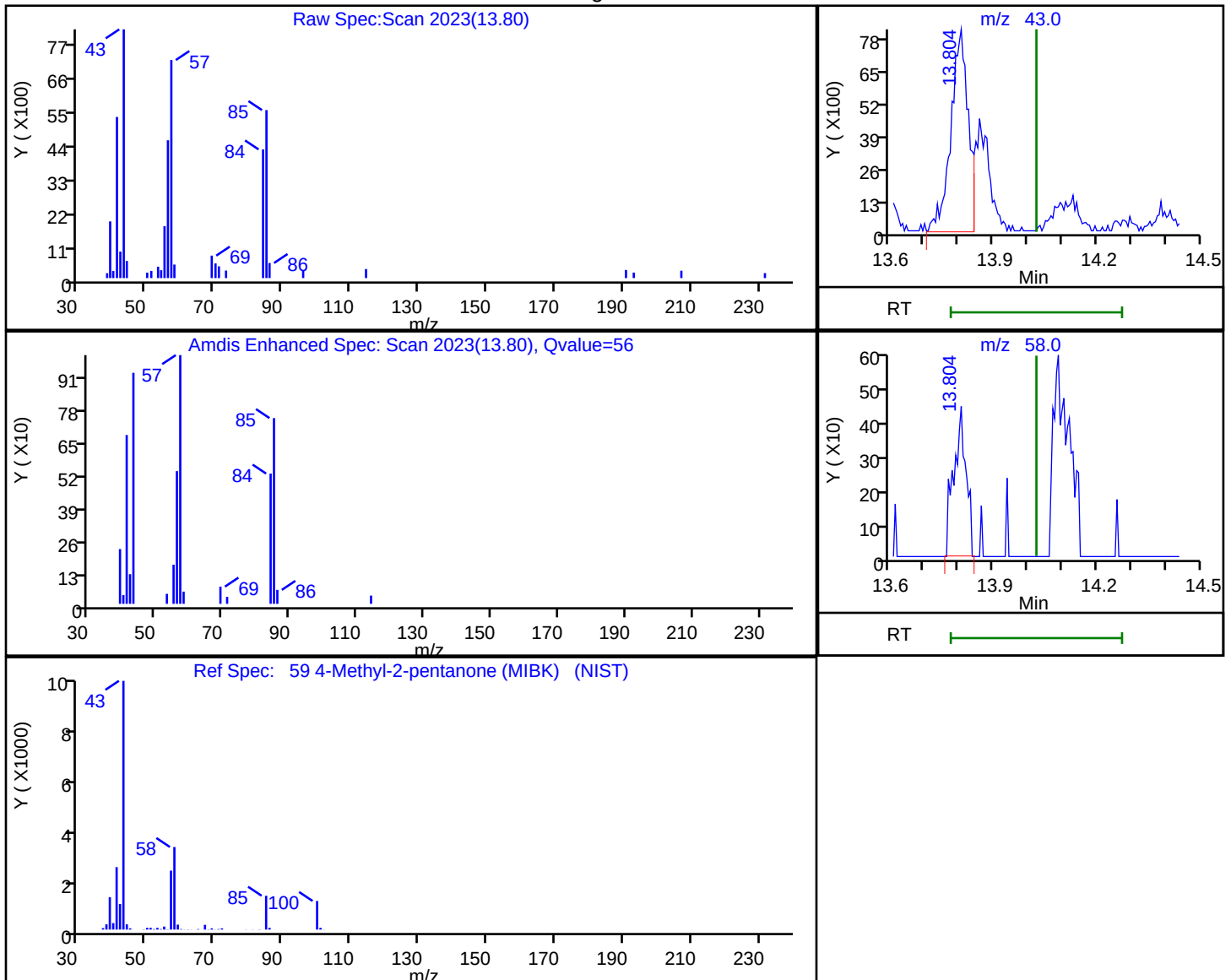
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector MS SCAN

59 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
13.80	43.00	28457	0.846430
13.80	58.00	1103	

Reviewer: BKZ7, 06-Dec-2022 07:59:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

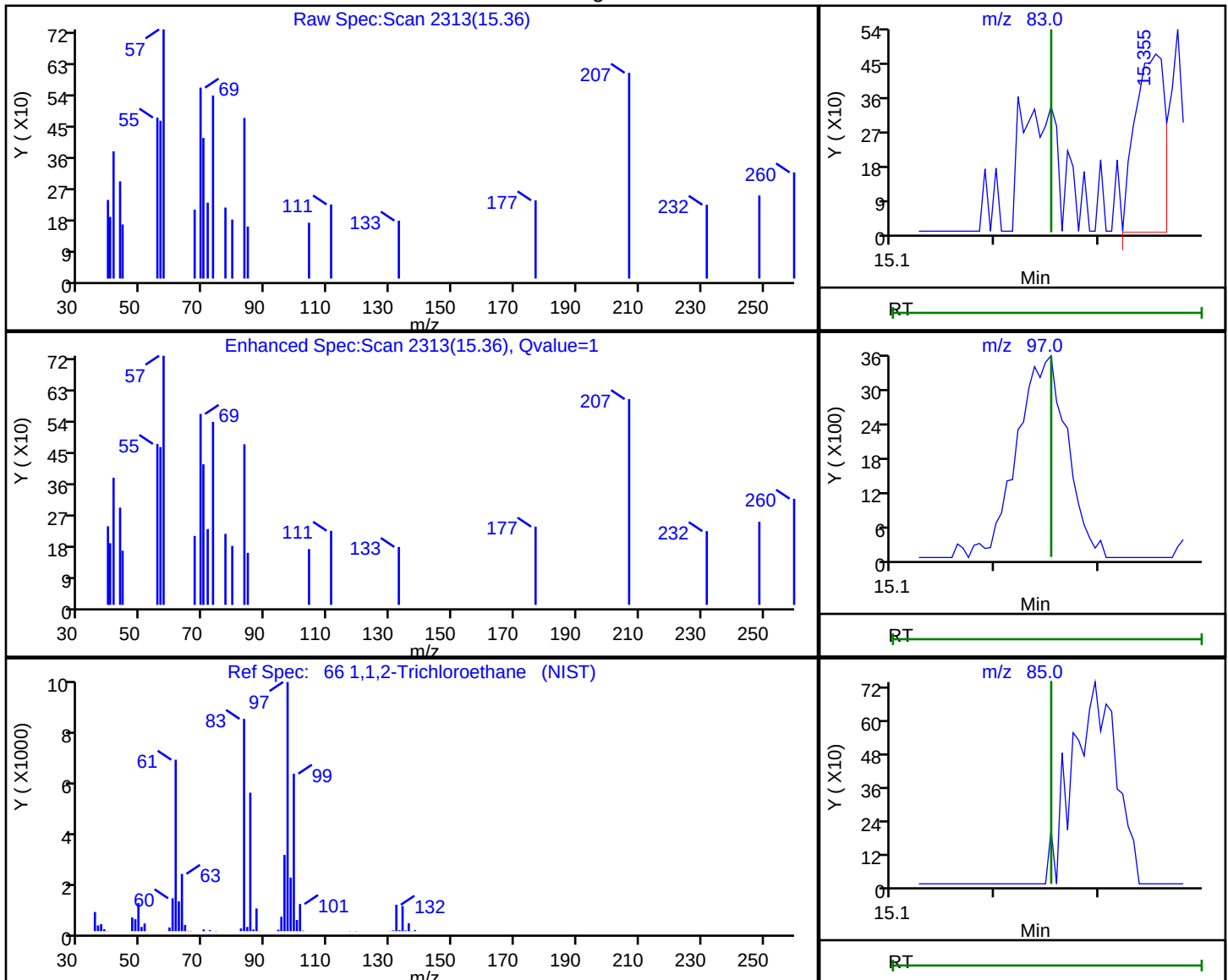
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

66 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
15.36	83.00	934	0.045304
15.25	97.00	0	
15.25	85.00	0	

Reviewer: BKZ7, 06-Dec-2022 07:59:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

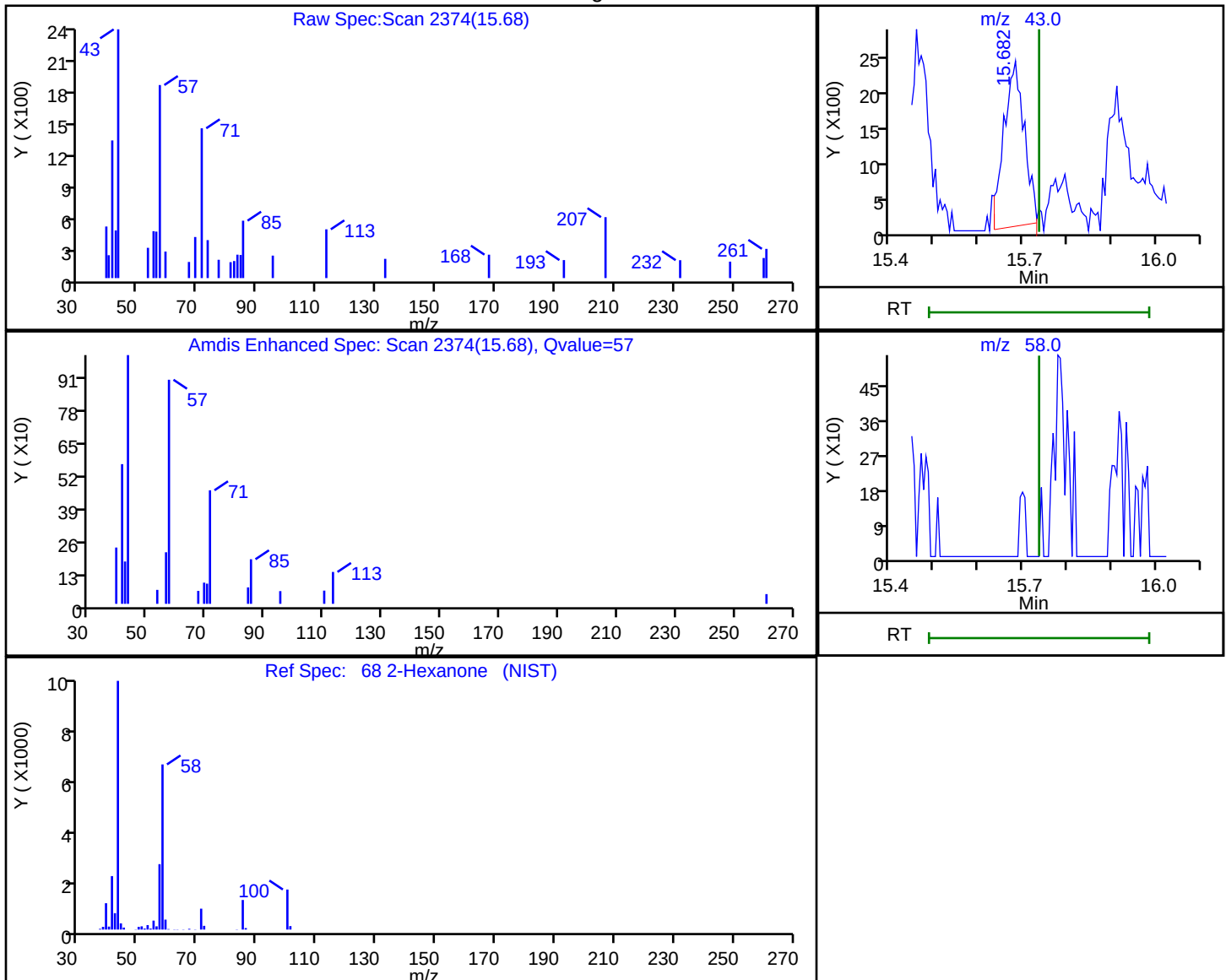
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

68 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
15.68	43.00	7524	0.257758
15.74	58.00	0	

Reviewer: BKZ7, 06-Dec-2022 07:59:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

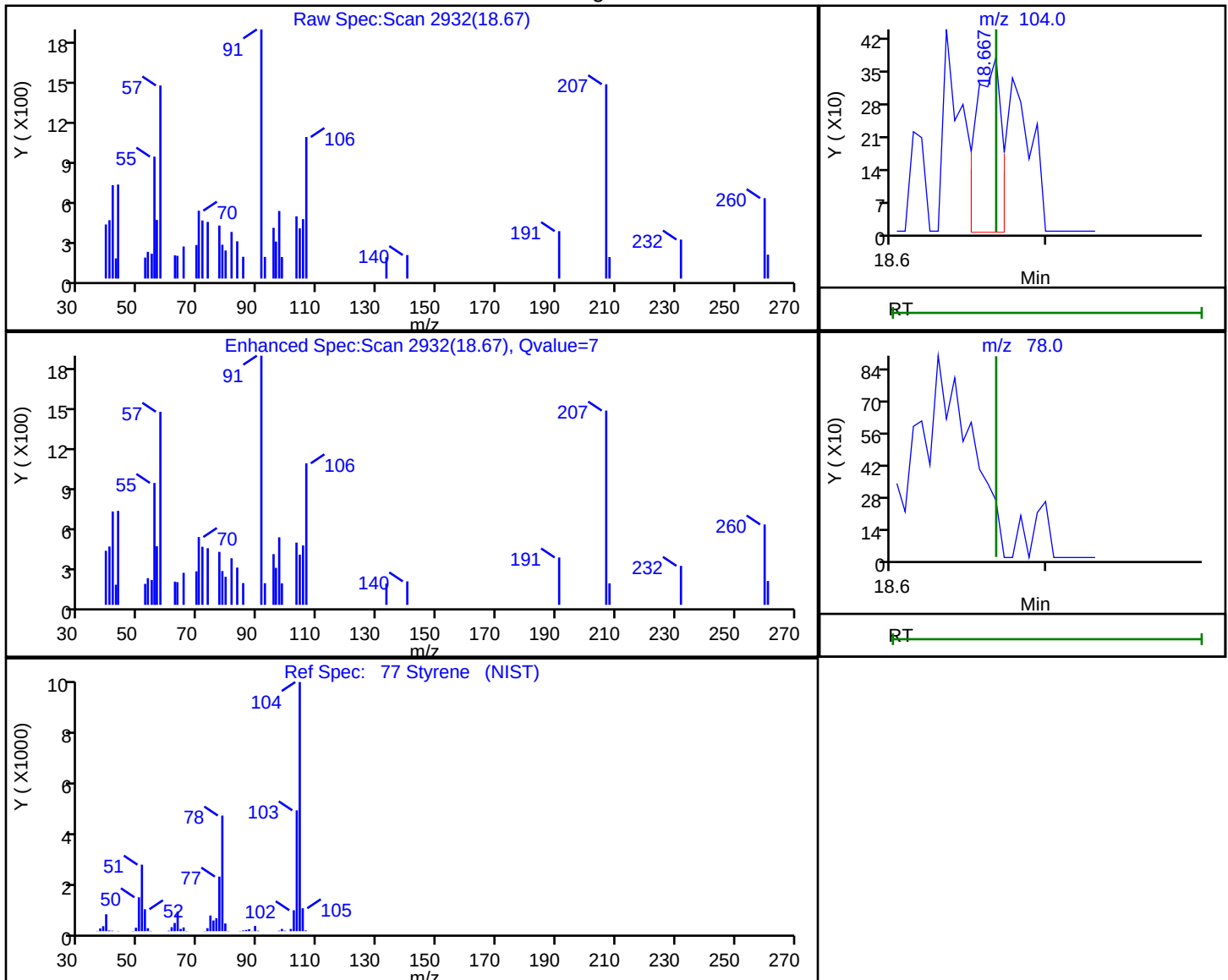
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

77 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
18.67	104.00	432	0.008082
18.67	78.00	0	

Reviewer: BKZ7, 06-Dec-2022 08:00:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

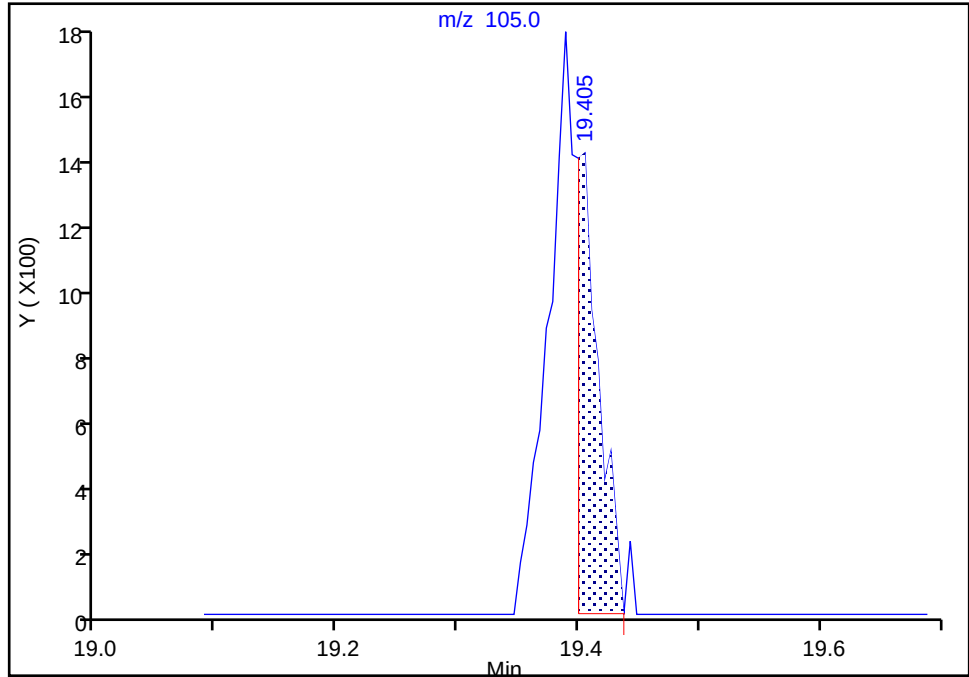
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D
Injection Date: 06-Dec-2022 02:39:30 Instrument ID: CHG.i
Lims ID: 200-65967-A-2 Lab Sample ID: 200-65967-2
Client ID: SV-2
Operator ID: vtp ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 200.000 mL Dil. Factor: 5.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

79 Isopropylbenzene, CAS: 98-82-8

Signal: 1

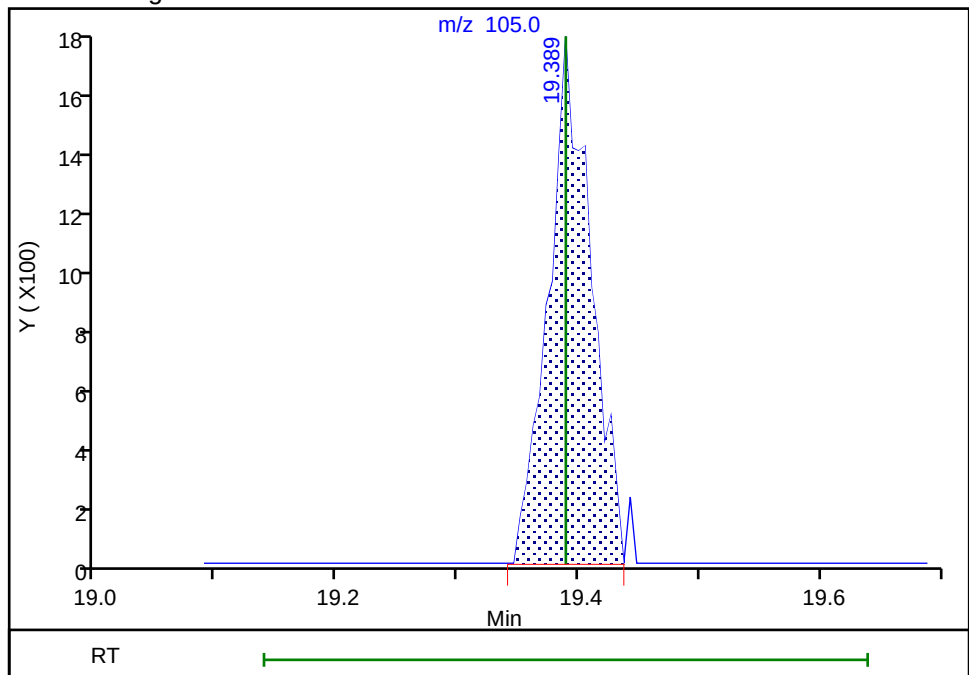
RT: 19.41
Area: 1767
Amount: 0.018644
Amount Units: ppb v/v

Processing Integration Results



RT: 19.39
Area: 4228
Amount: 0.044611
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 06-Dec-2022 08:00:14
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
Page 262 of 981

12/8/2022 3:46
PM

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

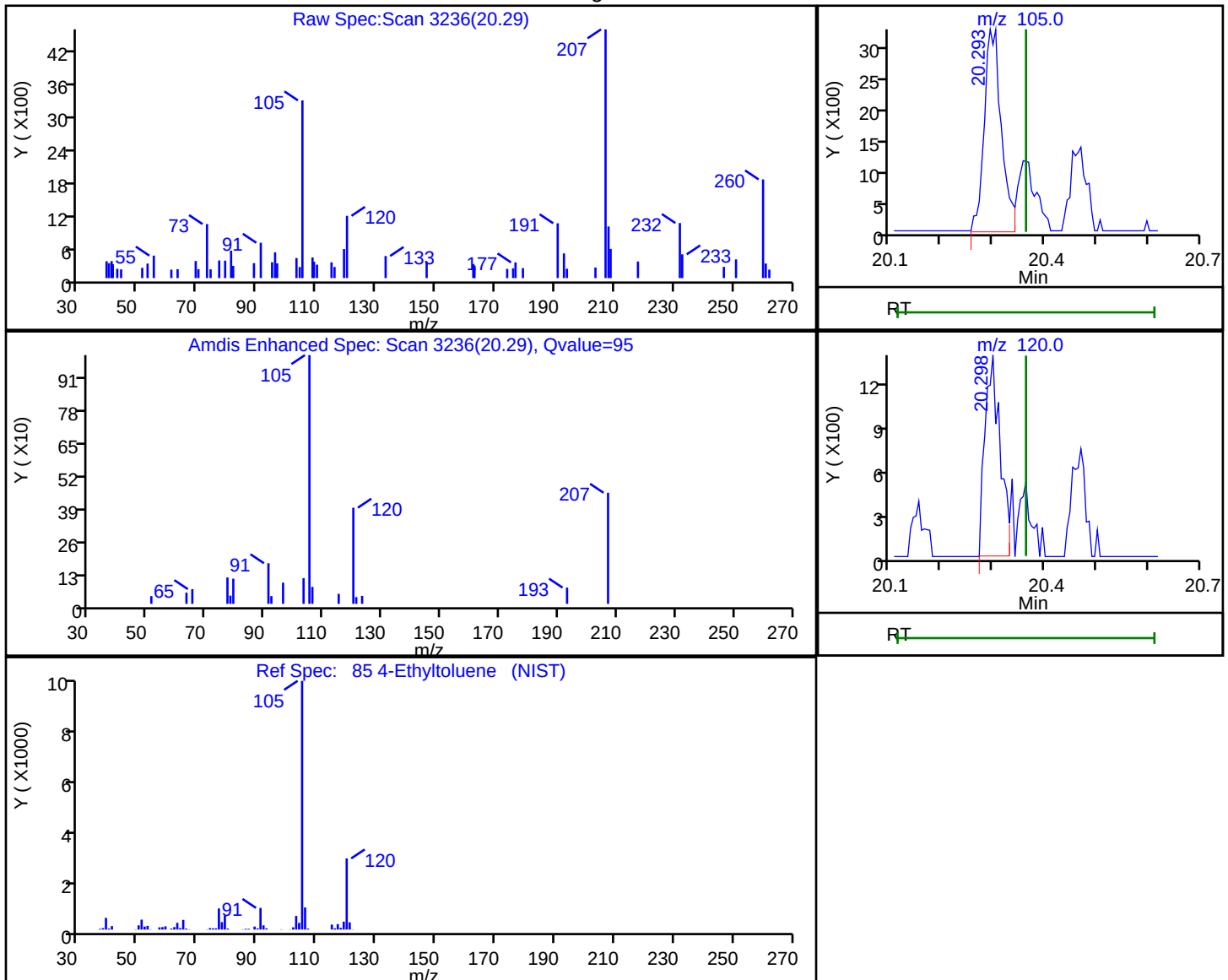
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

85 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
20.29	105.00	7428	0.081468
20.30	120.00	2732	

Reviewer: BKZ7, 06-Dec-2022 08:00:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

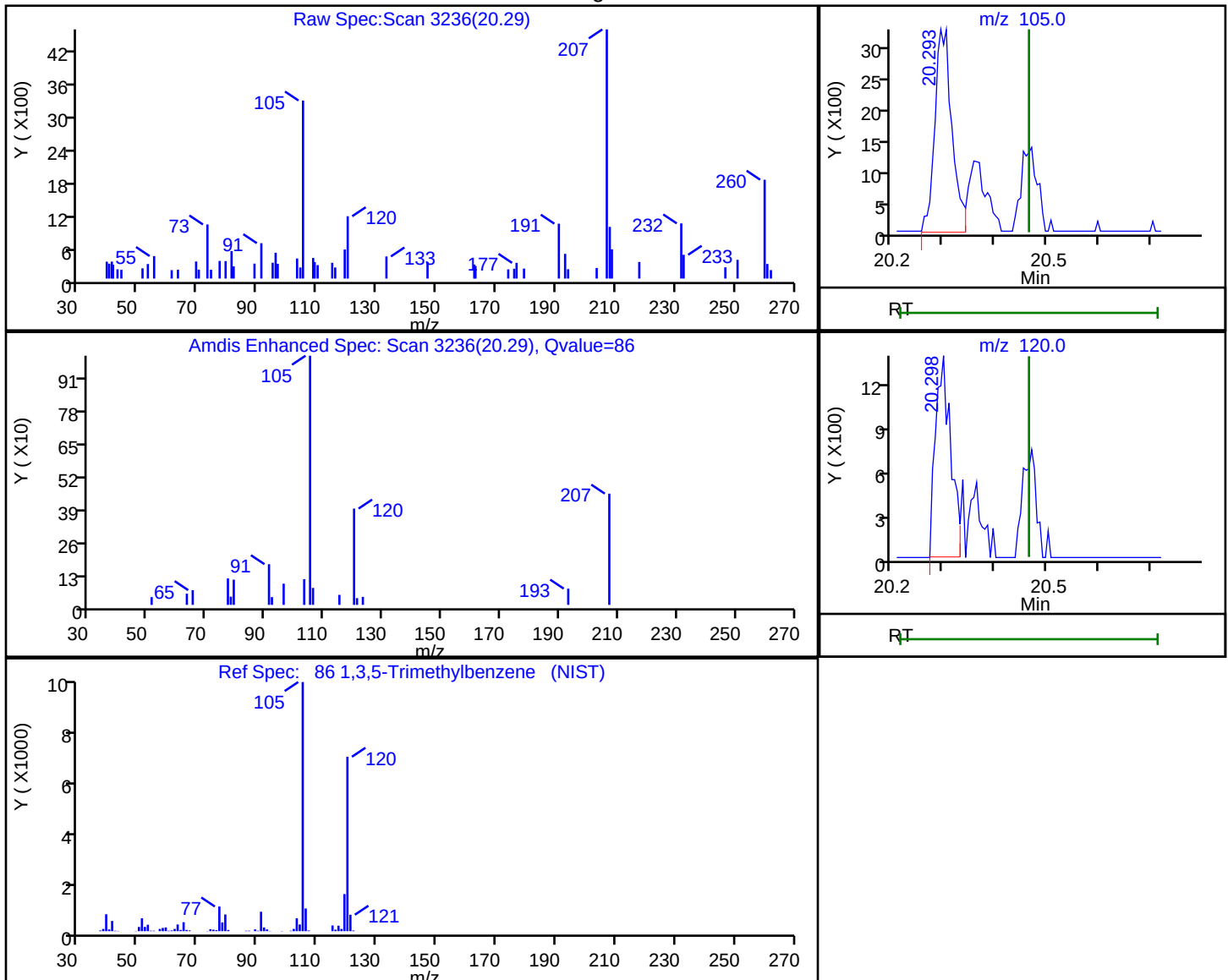
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

86 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
20.29	105.00	7428	0.095778
20.30	120.00	2732	

Reviewer: BKZ7, 06-Dec-2022 08:00:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

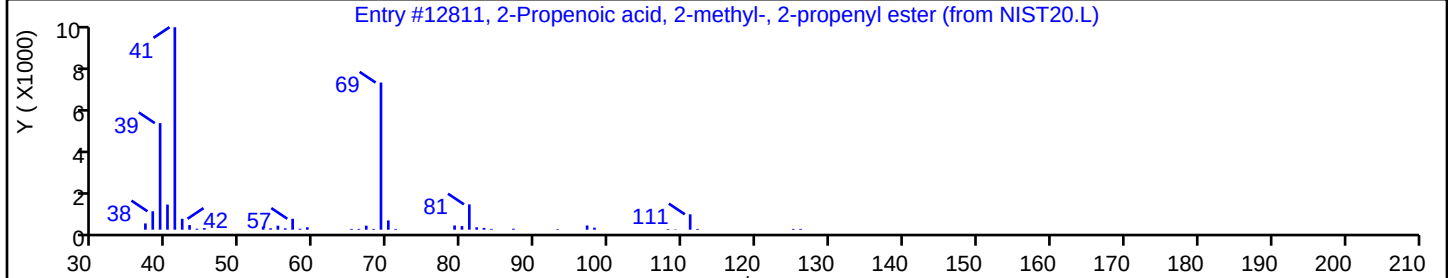
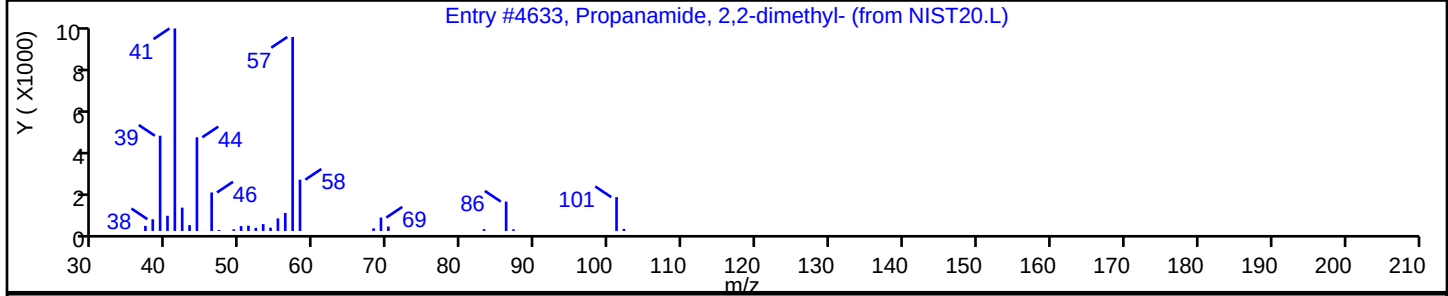
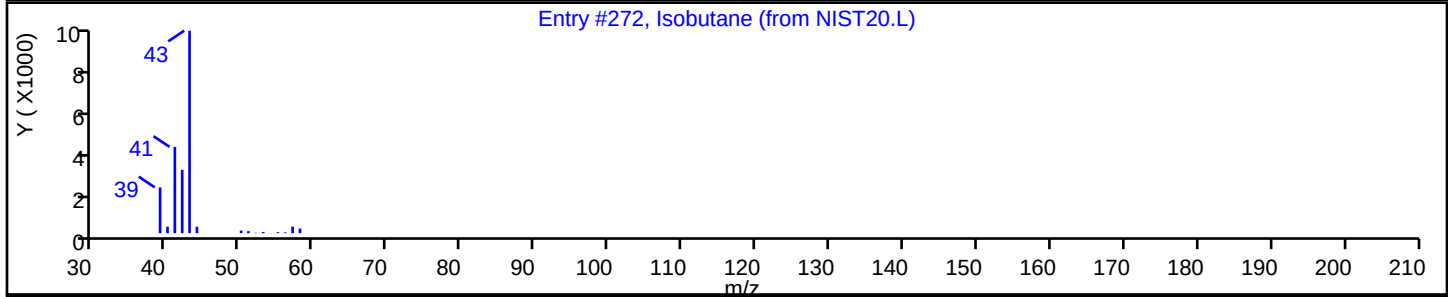
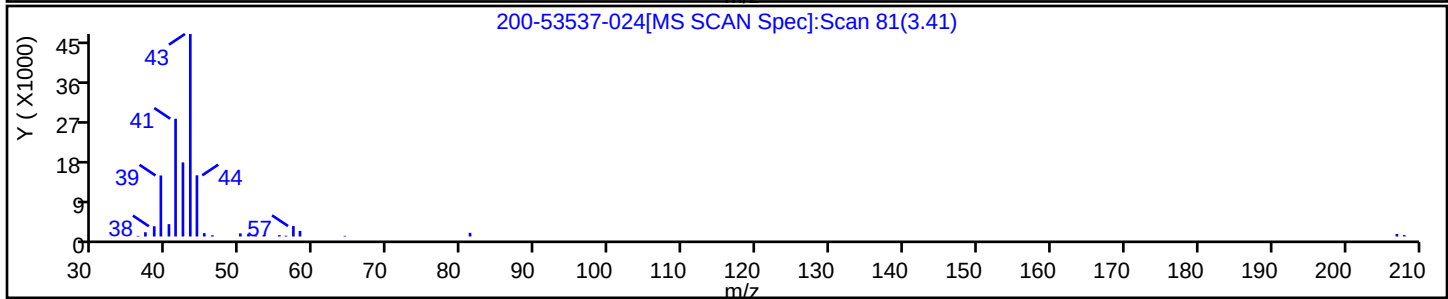
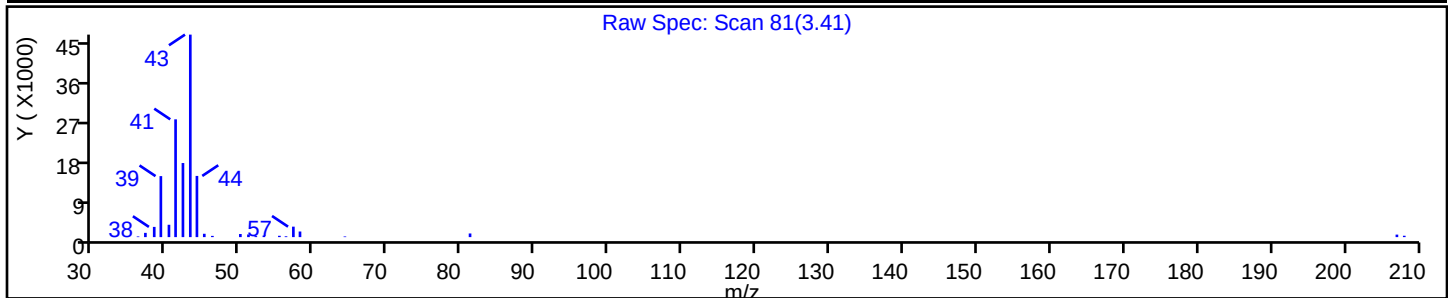
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
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Isobutane	75-28-5	NIST20.L	272	C4H10	58	47
Propanamide, 2,2-dimethyl-	754-10-9	NIST20.L	4633	C5H11NO	101	9
2-Propenoic acid, 2-methyl-, 2-propenyl ester	96-05-9	NIST20.L	12811	C7H10O2	126	9



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

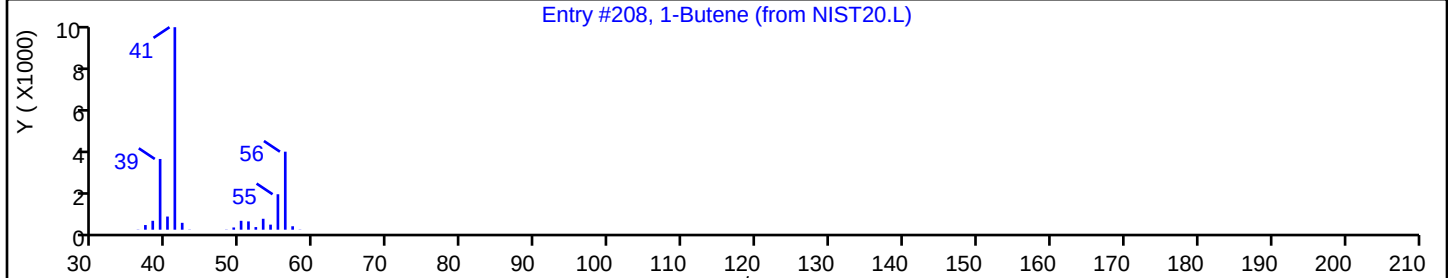
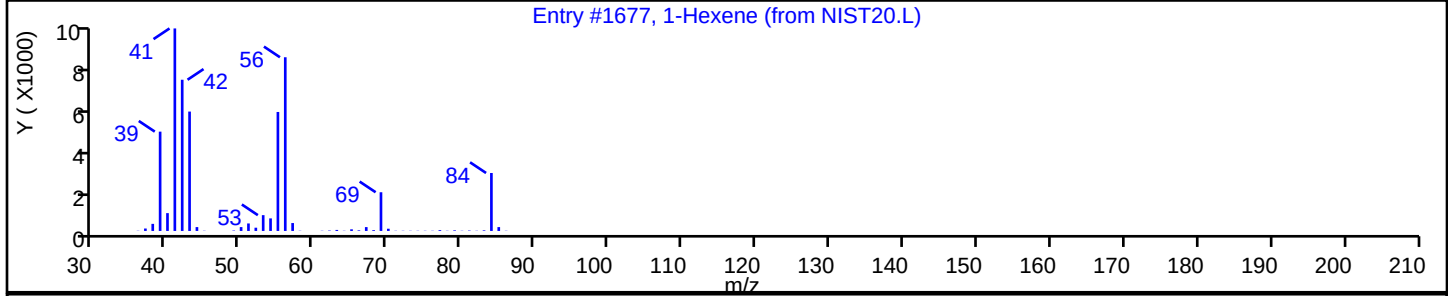
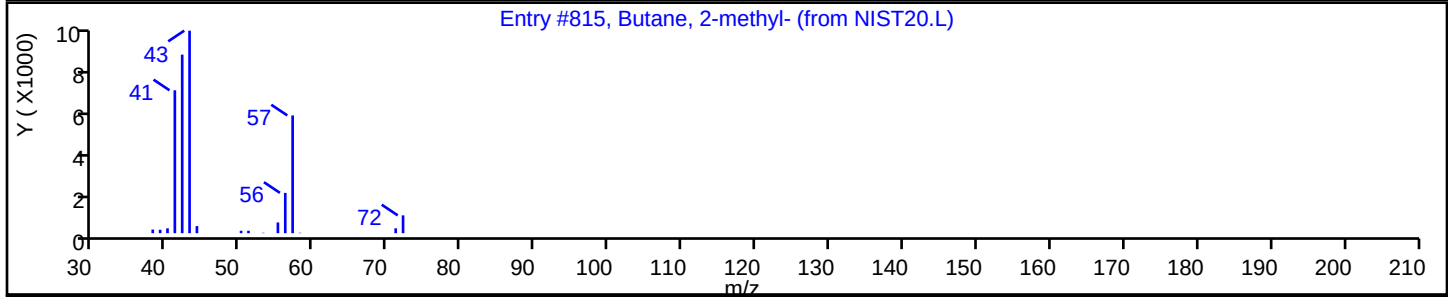
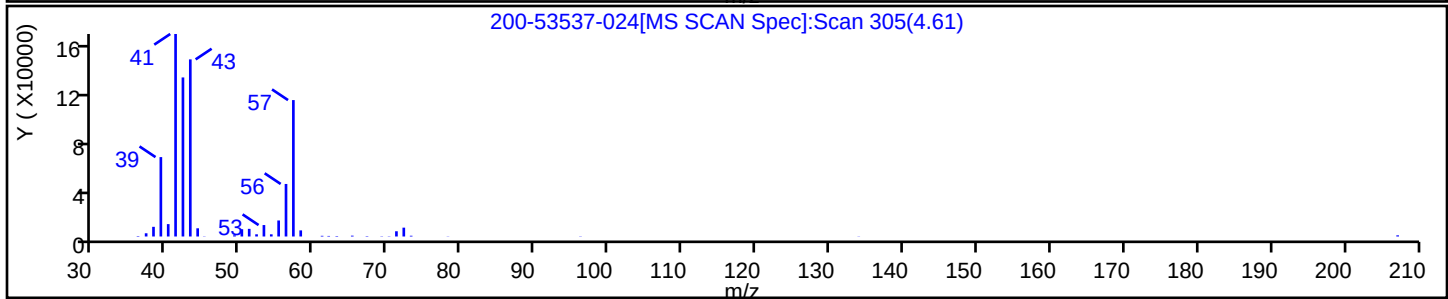
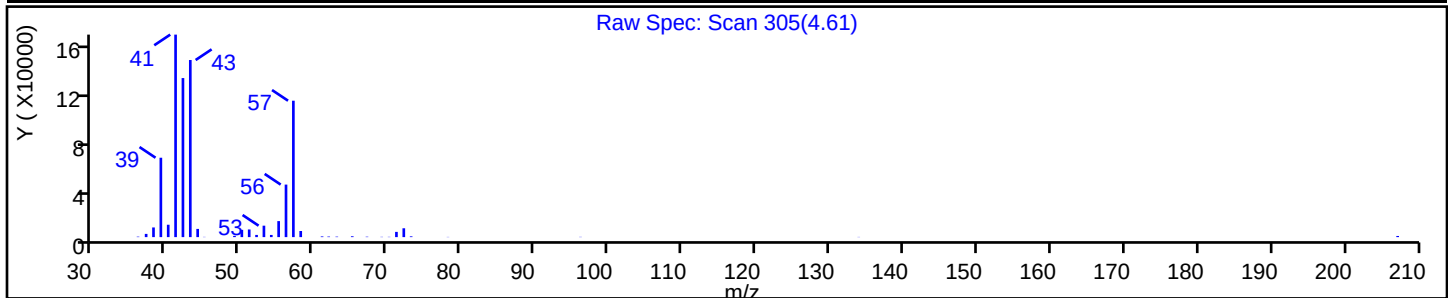
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Butane, 2-methyl-	78-78-4	NIST20.L	815	C5H12	72	53
1-Hexene	592-41-6	NIST20.L	1677	C6H12	84	38
1-Butene	106-98-9	NIST20.L	208	C4H8	56	27



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

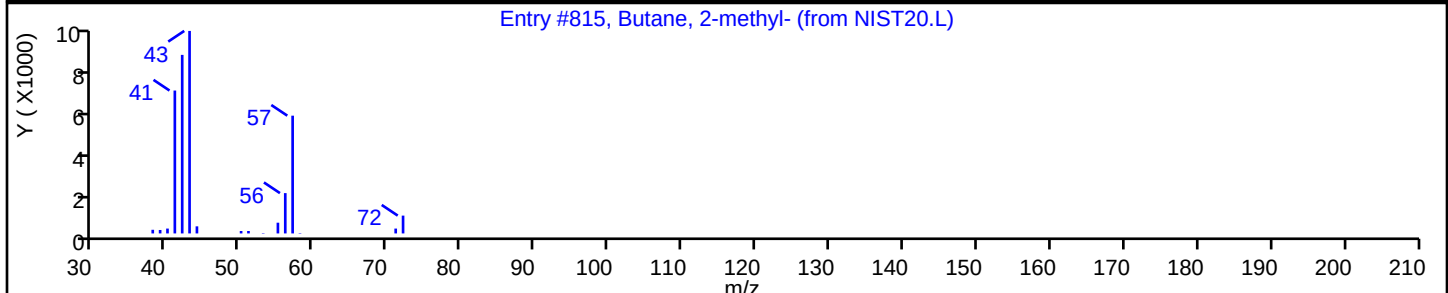
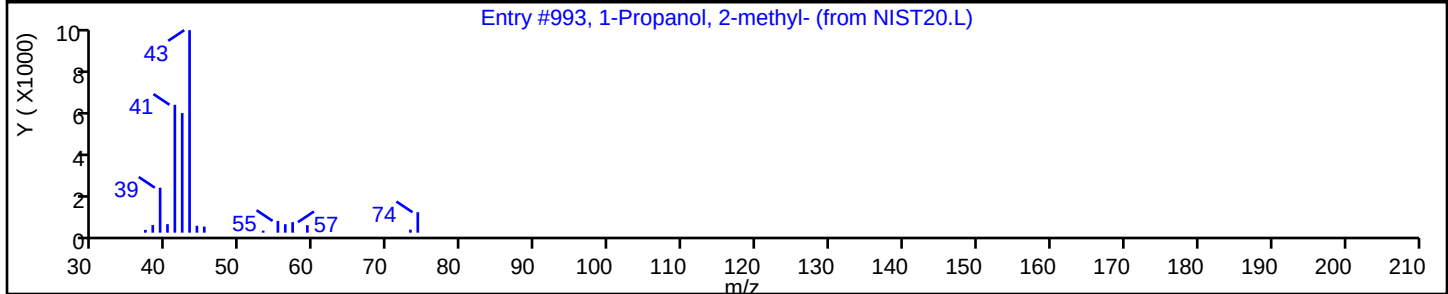
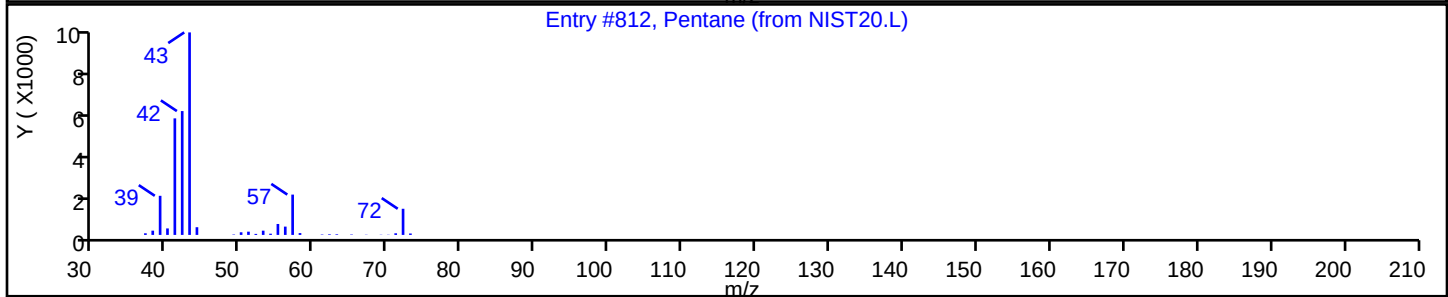
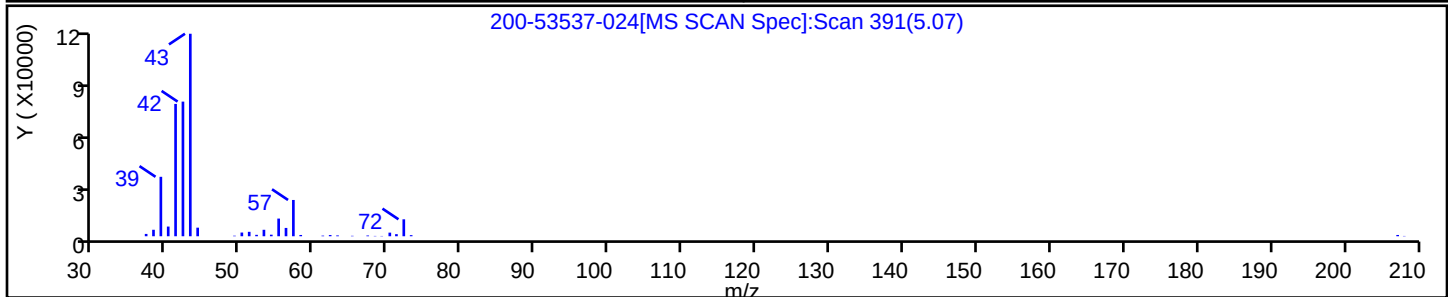
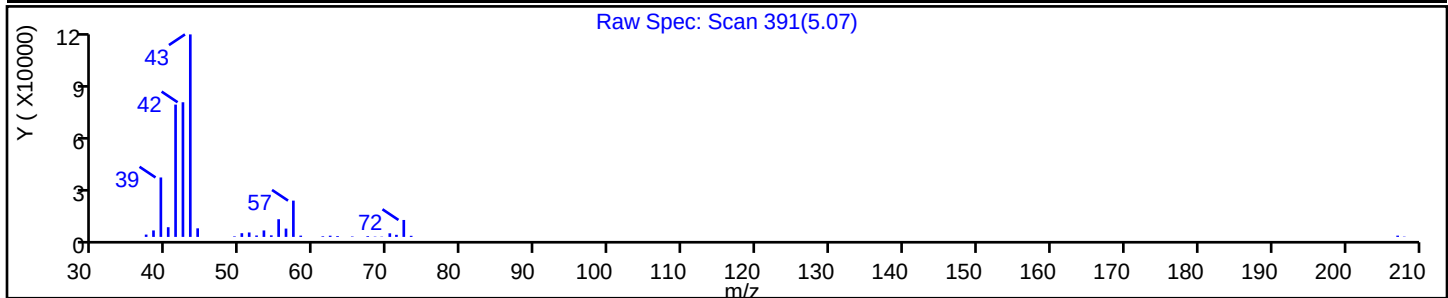
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane	109-66-0	NIST20.L	812	C5H12	72	90
1-Propanol, 2-methyl-	78-83-1	NIST20.L	993	C4H10O	74	50
Butane, 2-methyl-	78-78-4	NIST20.L	815	C5H12	72	50



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

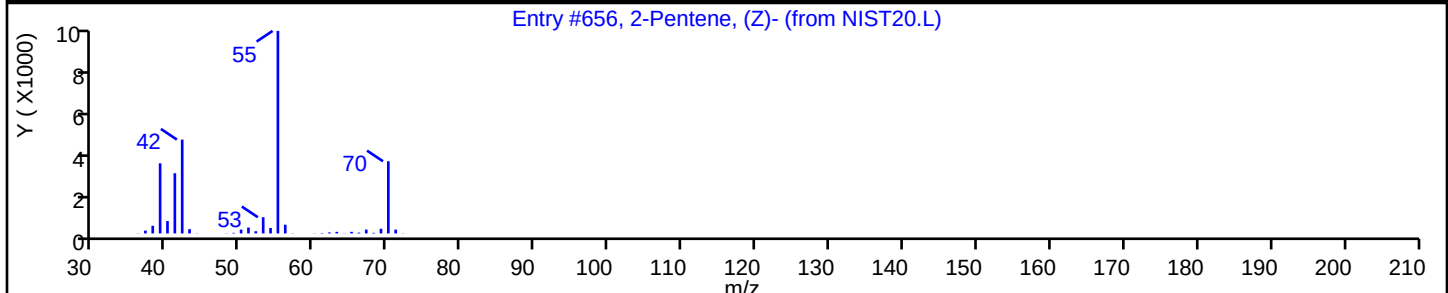
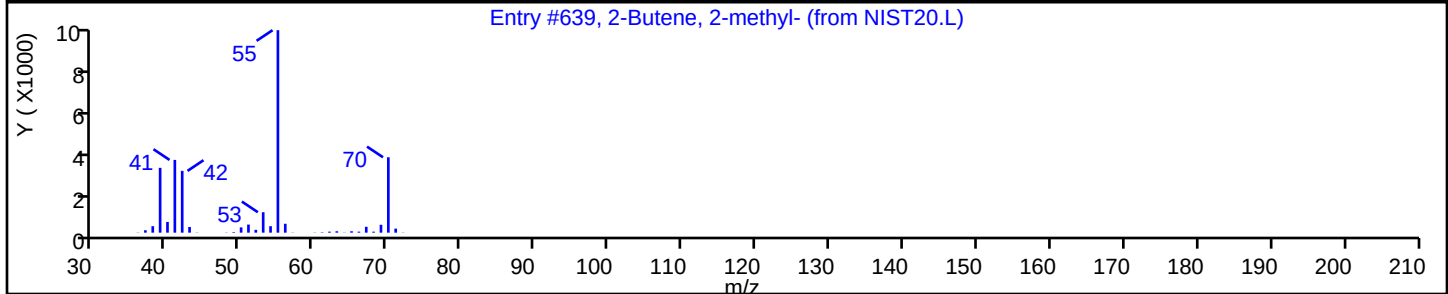
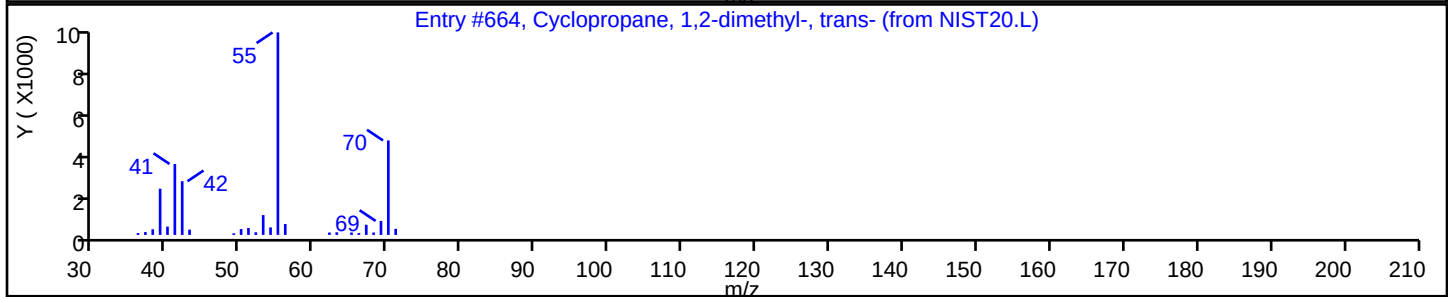
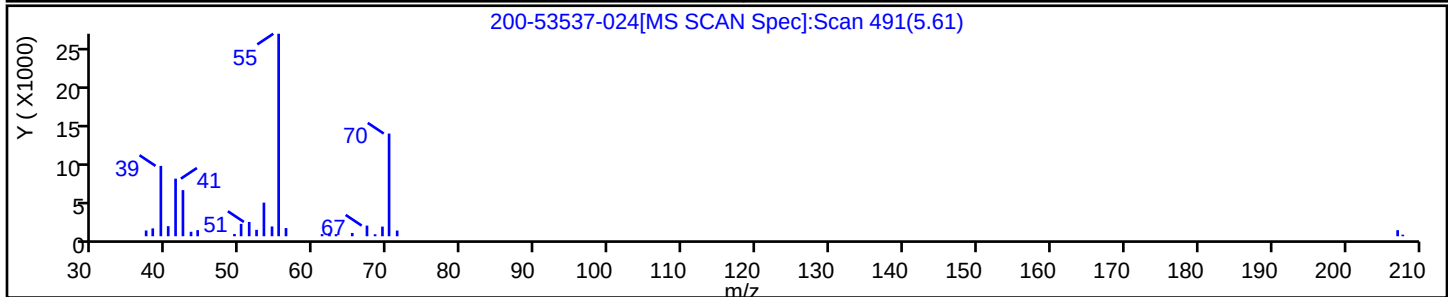
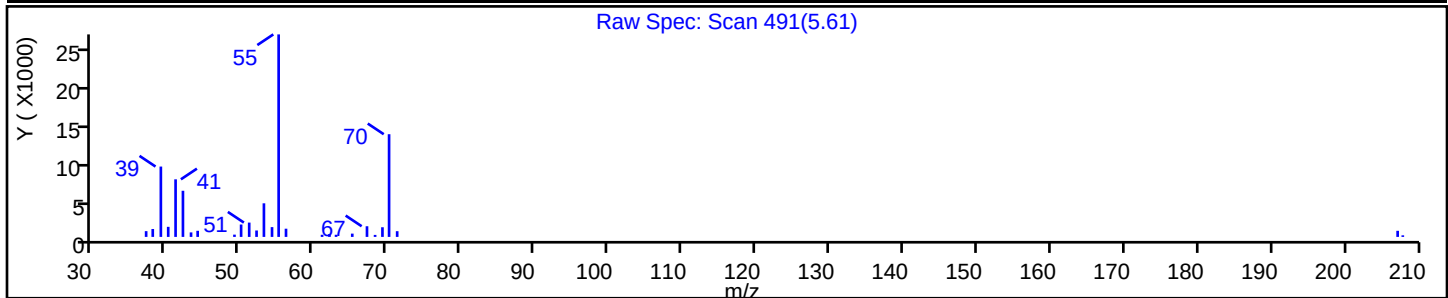
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclopropane, 1,2-dimethyl-, trans-	2402-06-4	NIST20.L	664	C5H10	70	86
2-Butene, 2-methyl-	513-35-9	NIST20.L	639	C5H10	70	78
2-Pentene, (Z)-	627-20-3	NIST20.L	656	C5H10	70	72



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

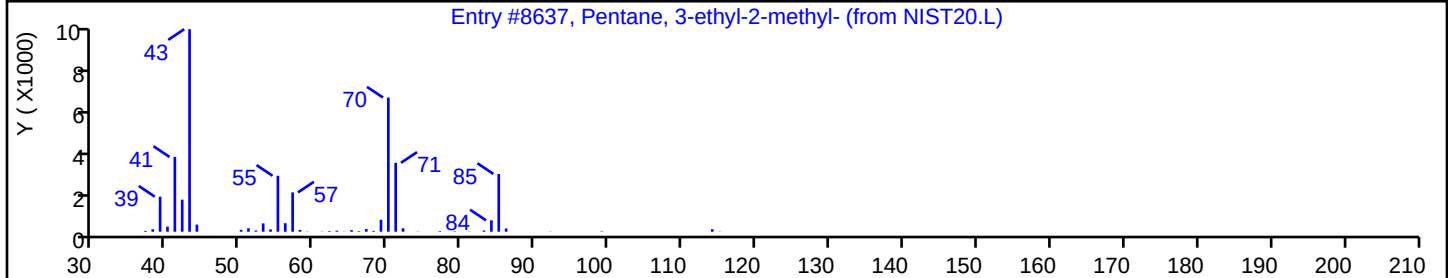
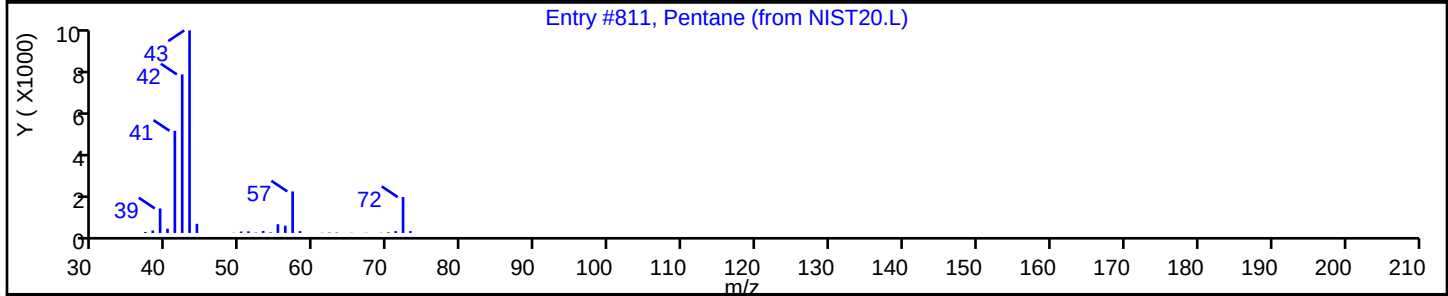
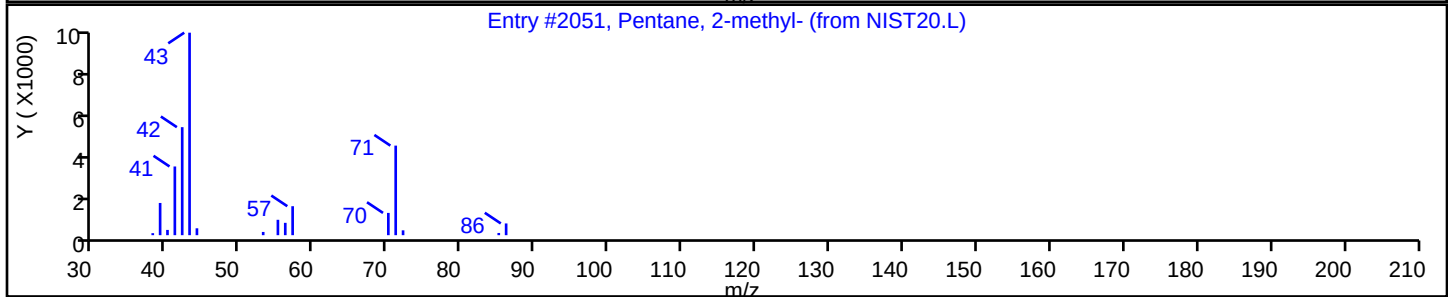
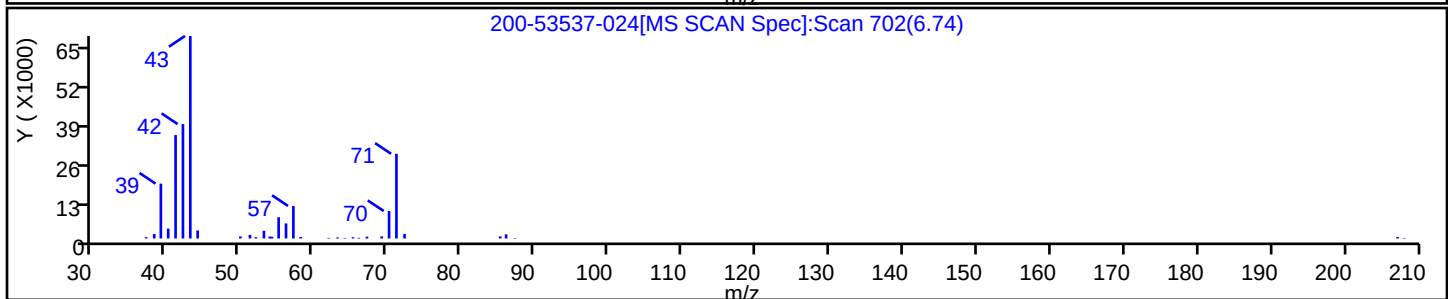
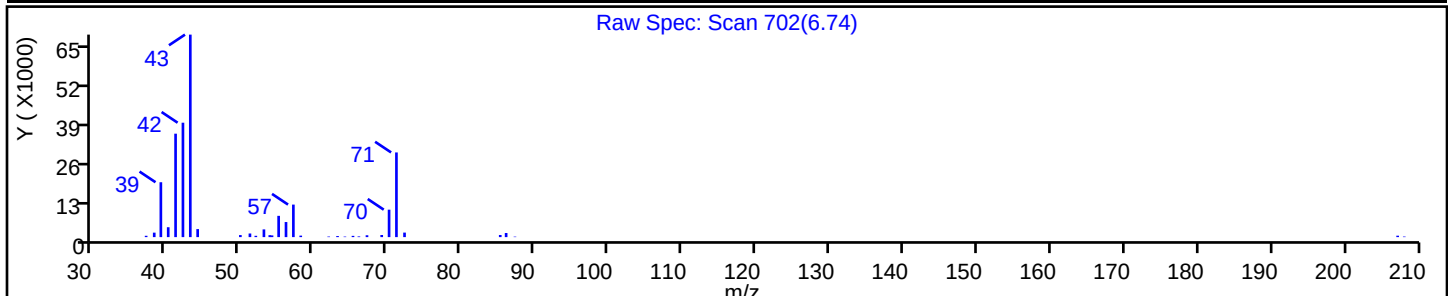
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Pentane, 2-methyl-	107-83-5	NIST20.L	2051	C6H14	86	83
Pentane	109-66-0	NIST20.L	811	C5H12	72	43
Pentane, 3-ethyl-2-methyl-	609-26-7	NIST20.L	8637	C8H18	114	40



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

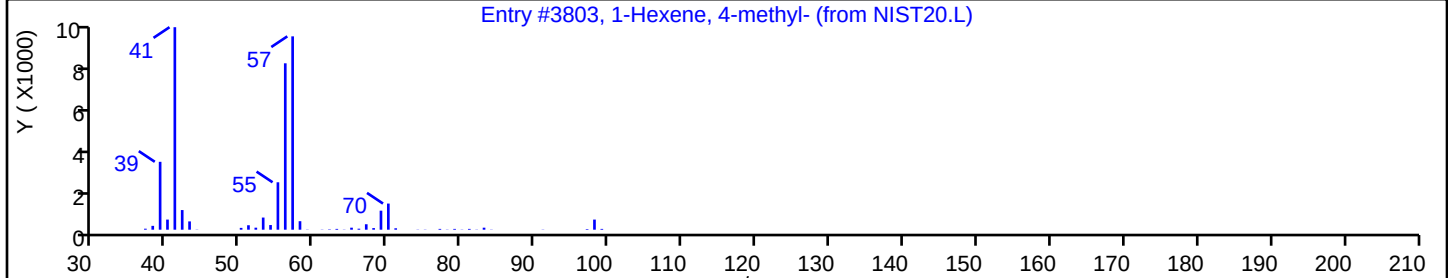
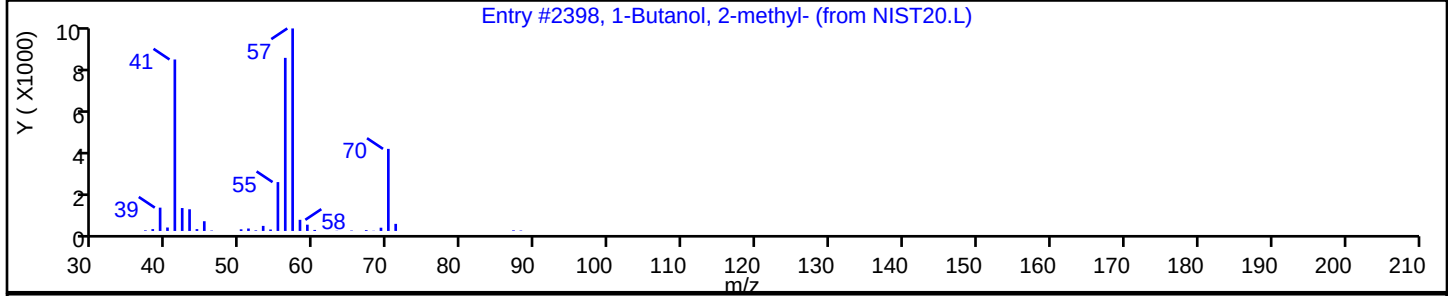
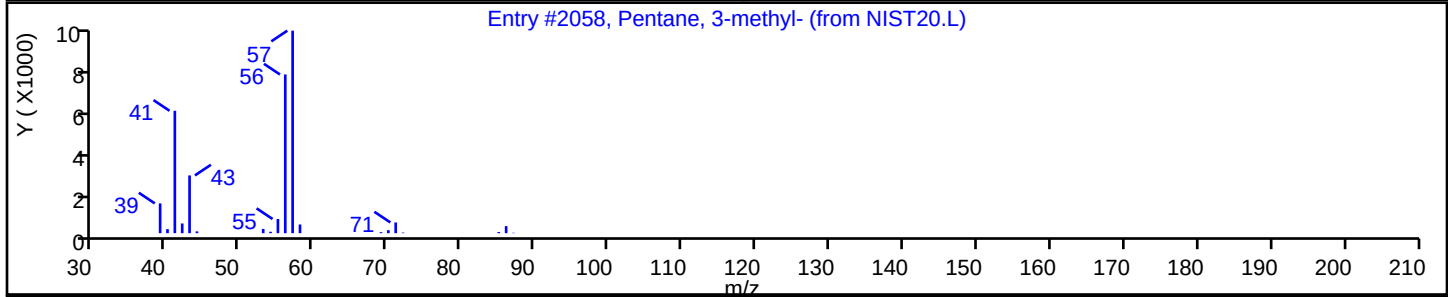
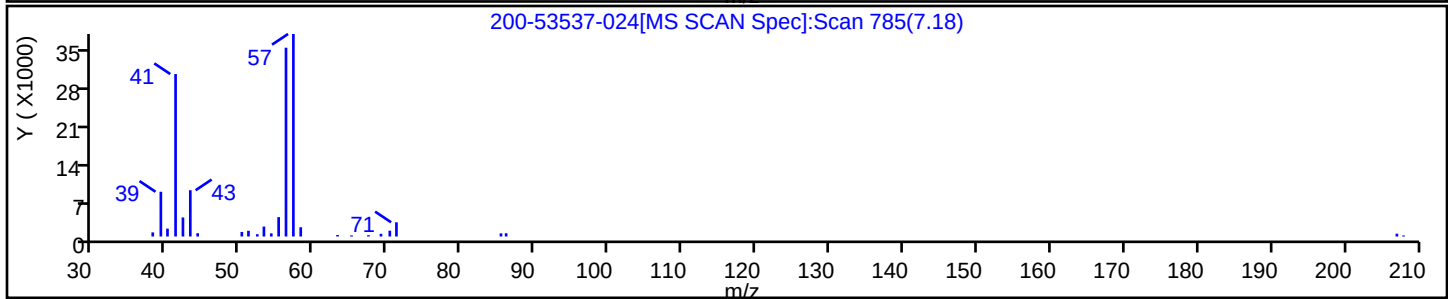
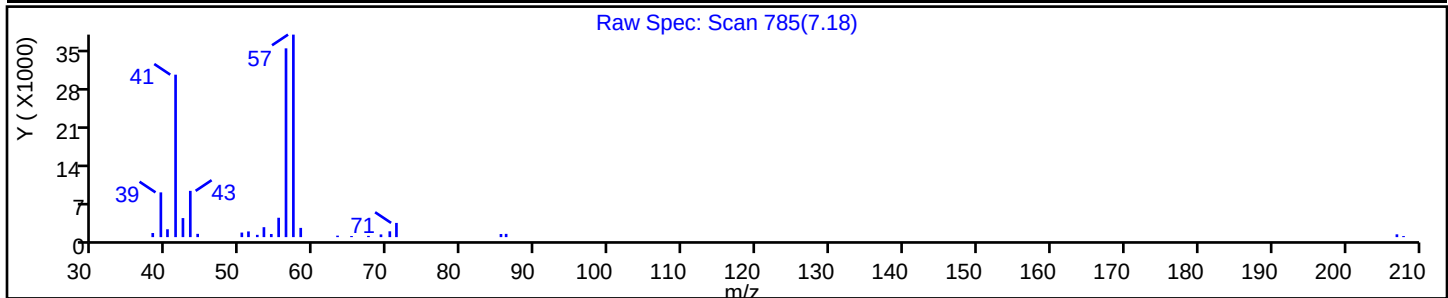
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Pentane, 3-methyl-	96-14-0	NIST20.L	2058	C6H14	86	78
1-Butanol, 2-methyl-	137-32-6	NIST20.L	2398	C5H12O	88	64
1-Hexene, 4-methyl-	3769-23-1	NIST20.L	3803	C7H14	98	64



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

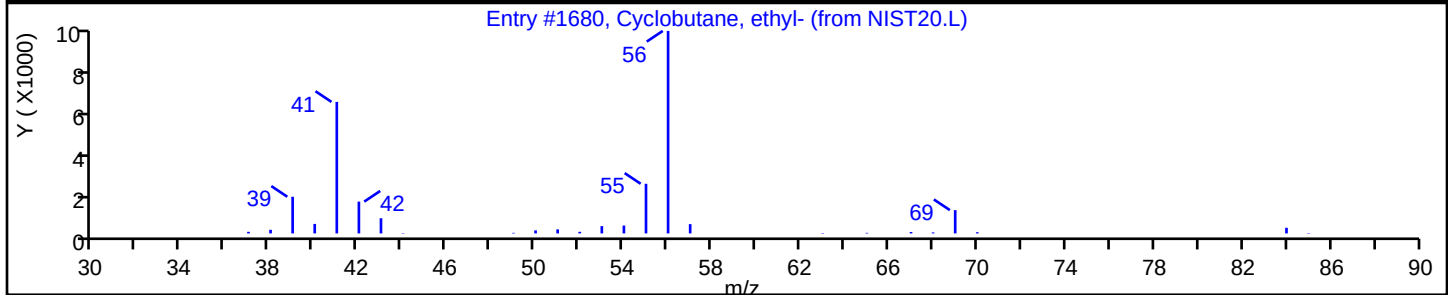
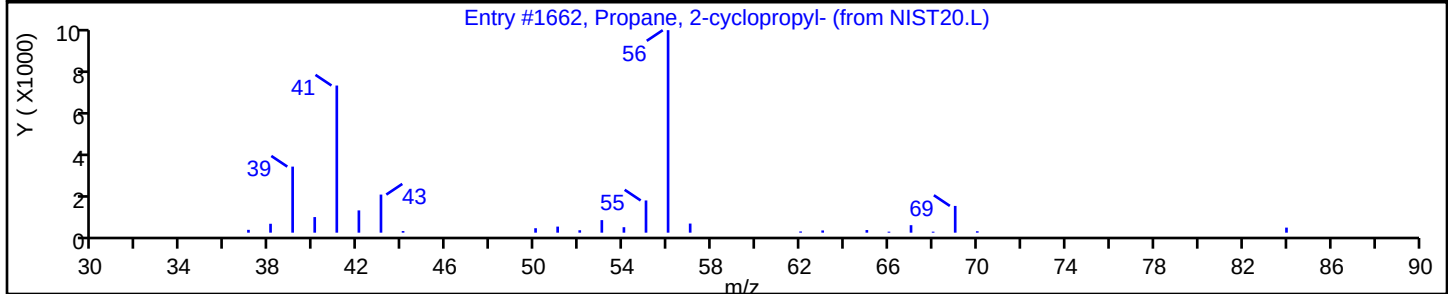
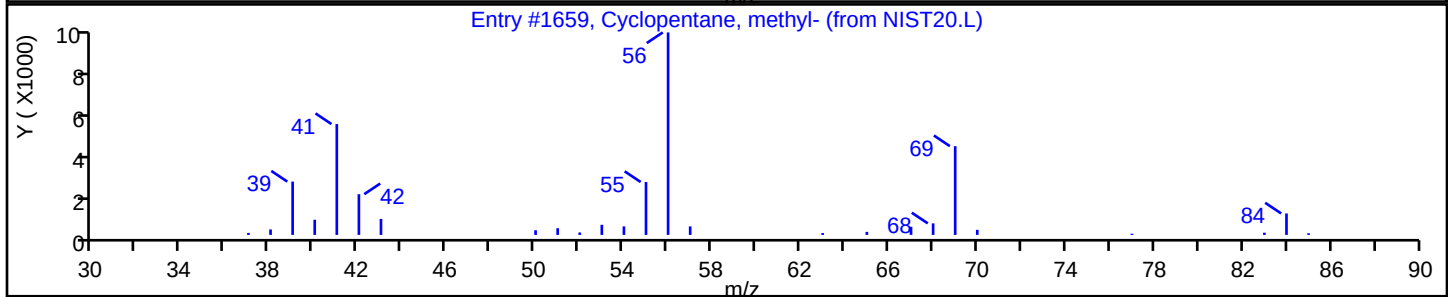
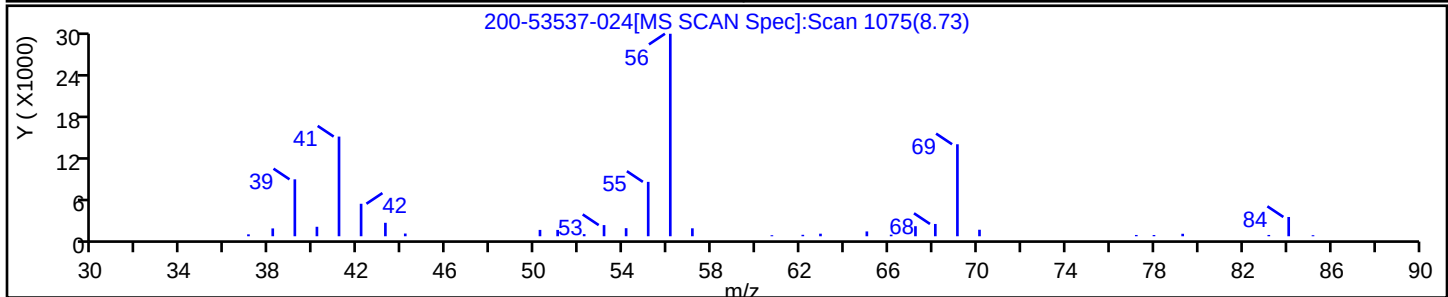
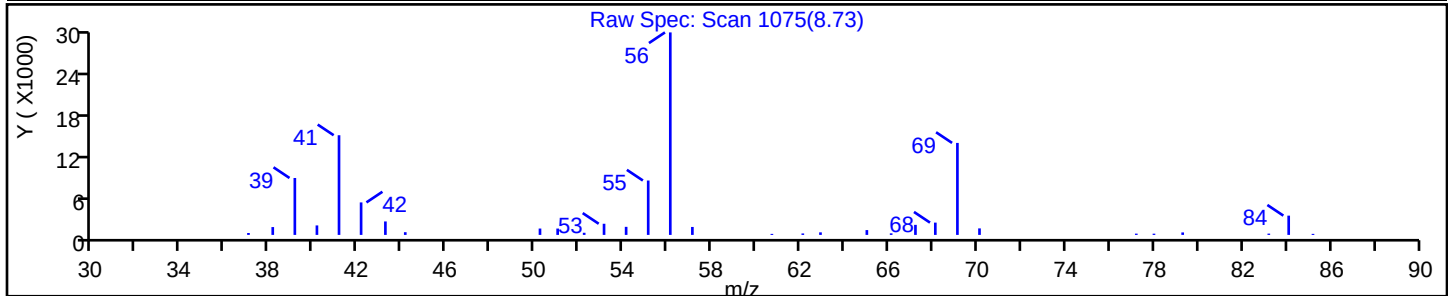
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclopentane, methyl-	96-37-7	NIST20.L	1659	C6H12	84	90
Propane, 2-cyclopropyl-	3638-35-5	NIST20.L	1662	C6H12	84	80
Cyclobutane, ethyl-	4806-61-5	NIST20.L	1680	C6H12	84	78



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

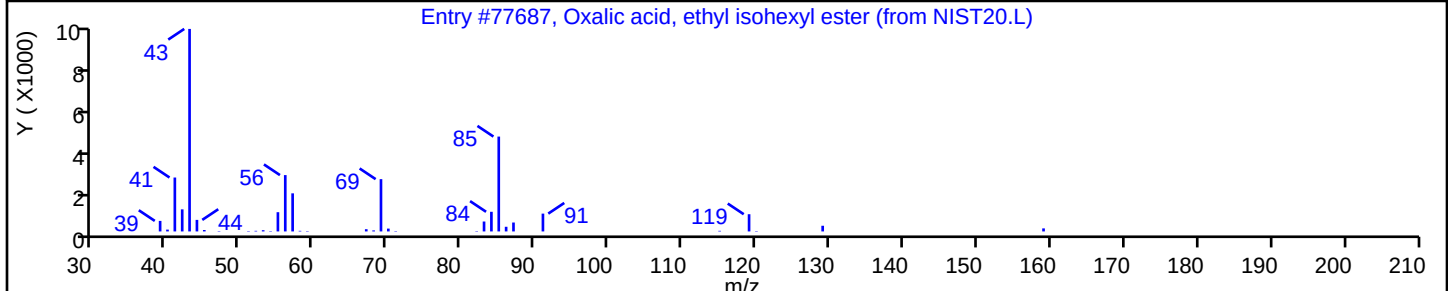
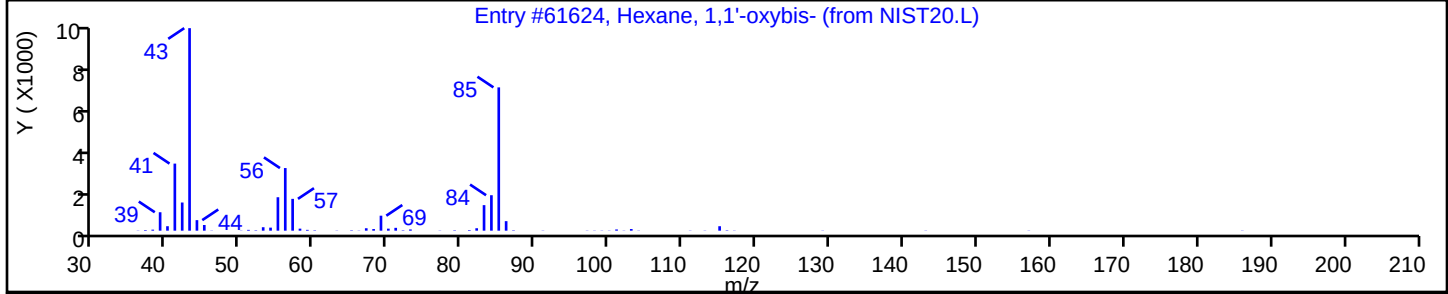
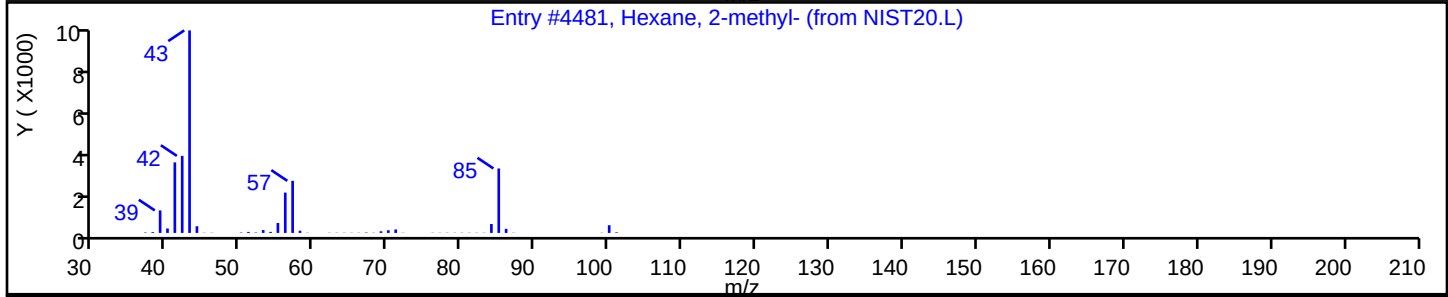
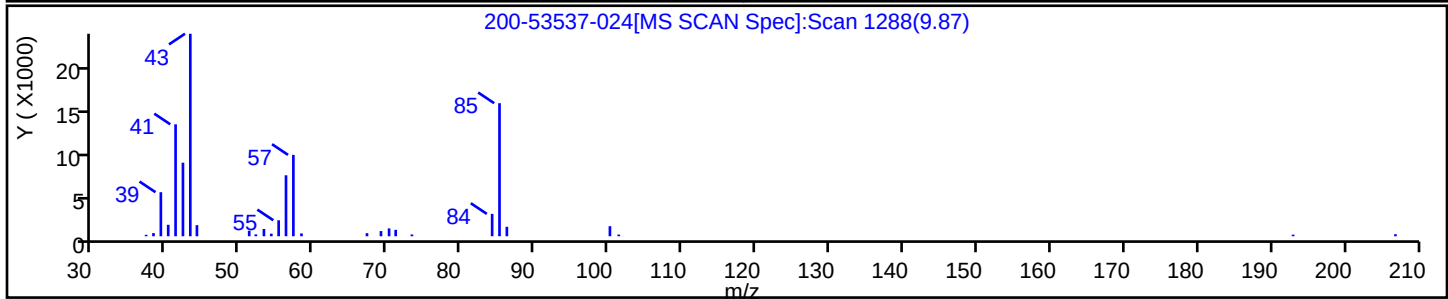
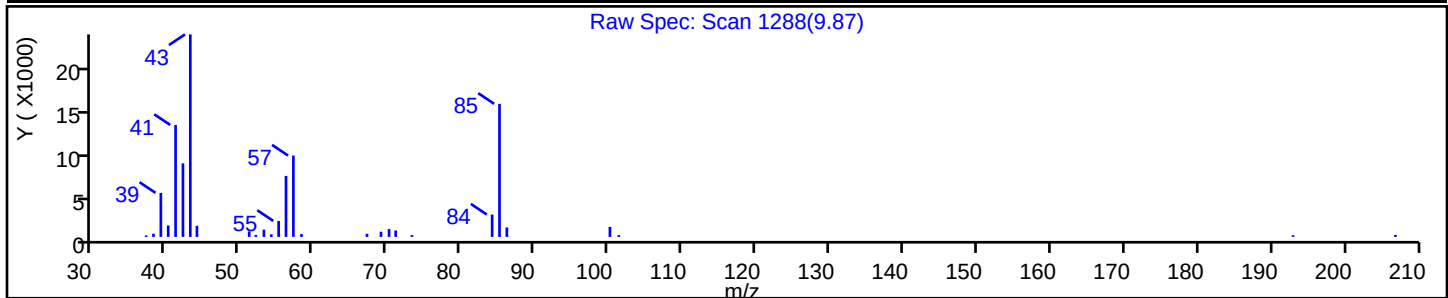
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexane, 2-methyl-	591-76-4	NIST20.L	4481	C7H16	100	91
Hexane, 1,1'-oxybis-	112-58-3	NIST20.L	61624	C12H26O	186	64
Oxalic acid, ethyl isohexyl ester	998309-32-5	NIST20.L	77687	C10H18O4	202	64



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

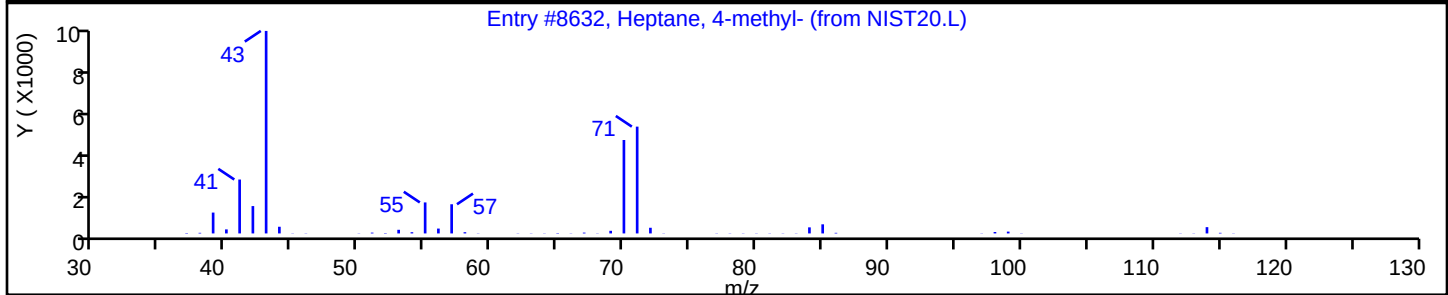
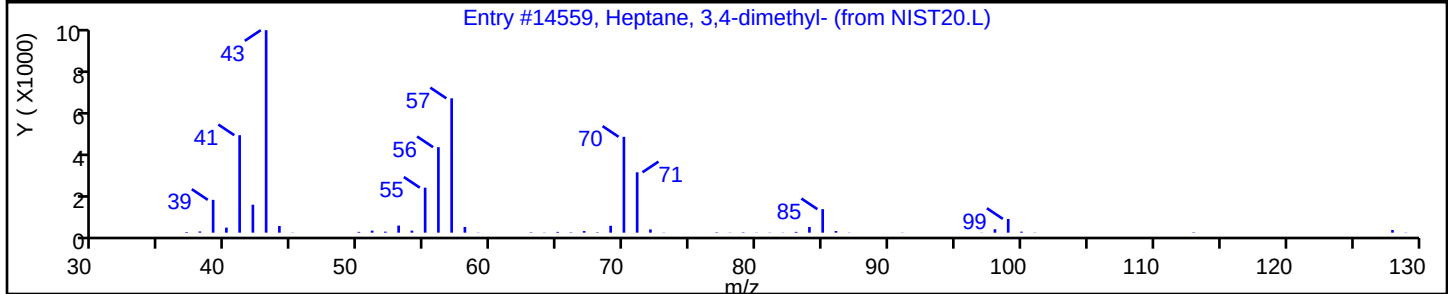
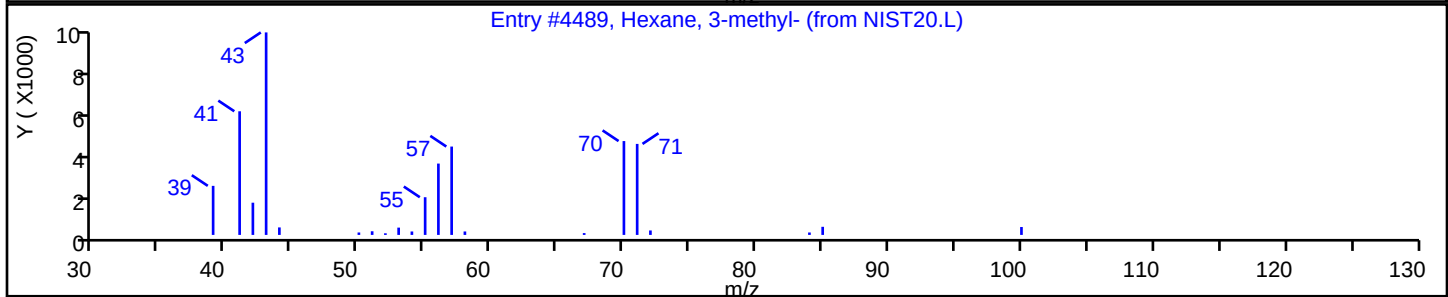
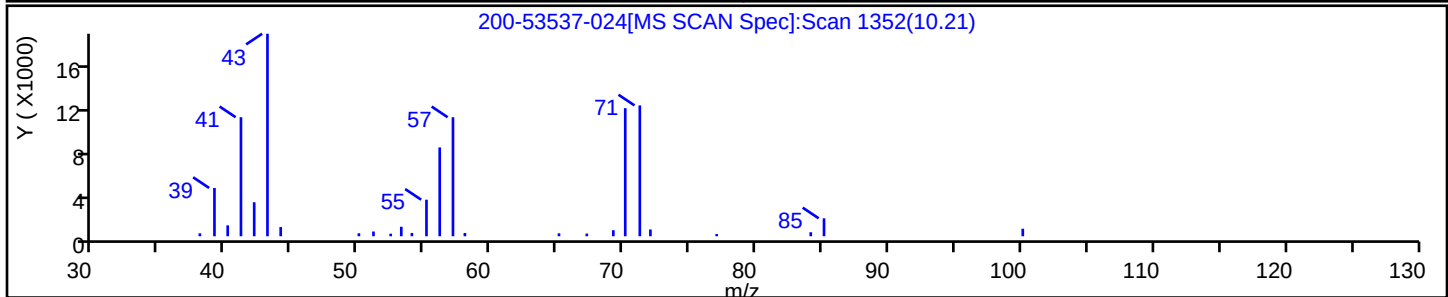
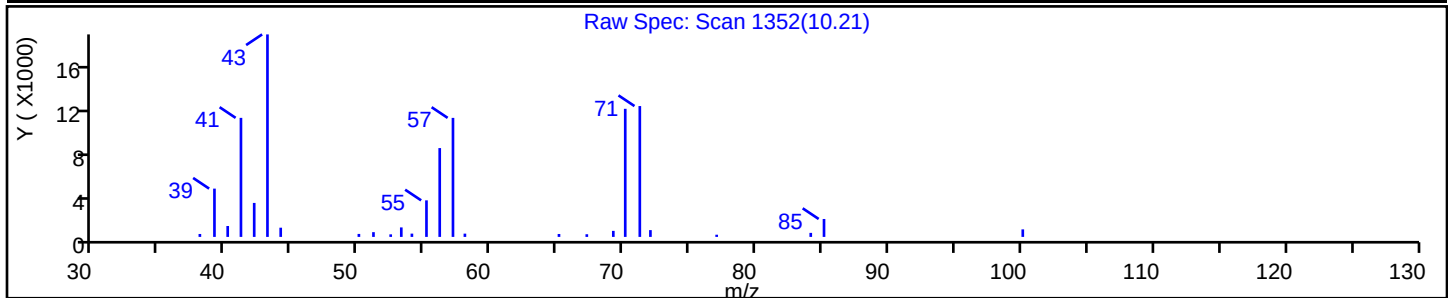
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexane, 3-methyl-	589-34-4	NIST20.L	4489	C7H16	100	91
Heptane, 3,4-dimethyl-	922-28-1	NIST20.L	14559	C9H20	128	59
Heptane, 4-methyl-	589-53-7	NIST20.L	8632	C8H18	114	59



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-024.D

Injection Date: 06-Dec-2022 02:39:30

Instrument ID: CHG.i

Lims ID: 200-65967-A-2

Lab Sample ID: 200-65967-2

Client ID: SV-2

Operator ID: vtp

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 200.000 mL

Dil. Factor: 5.0000

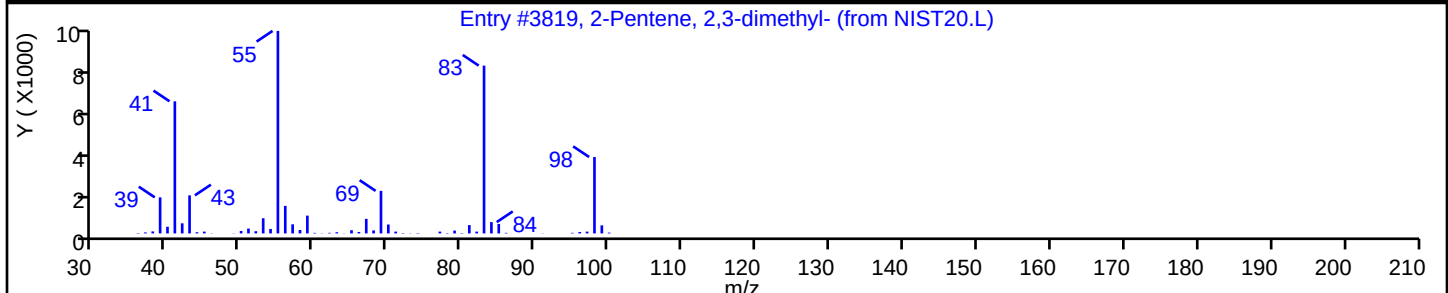
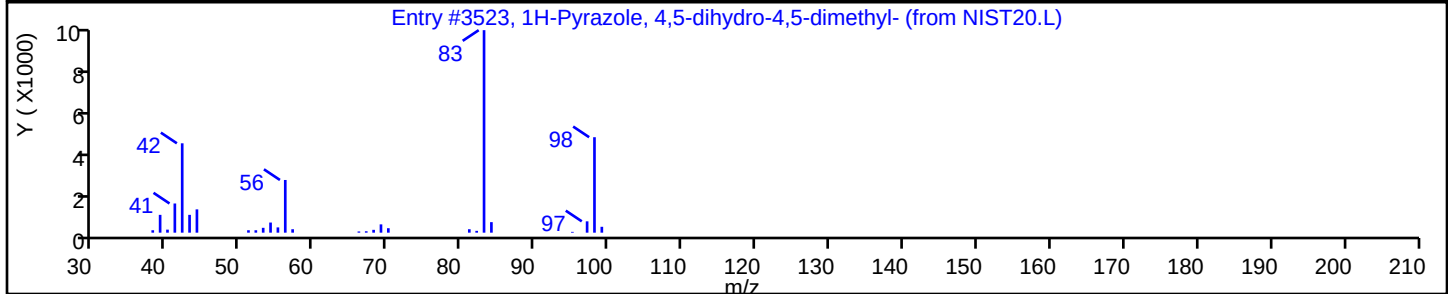
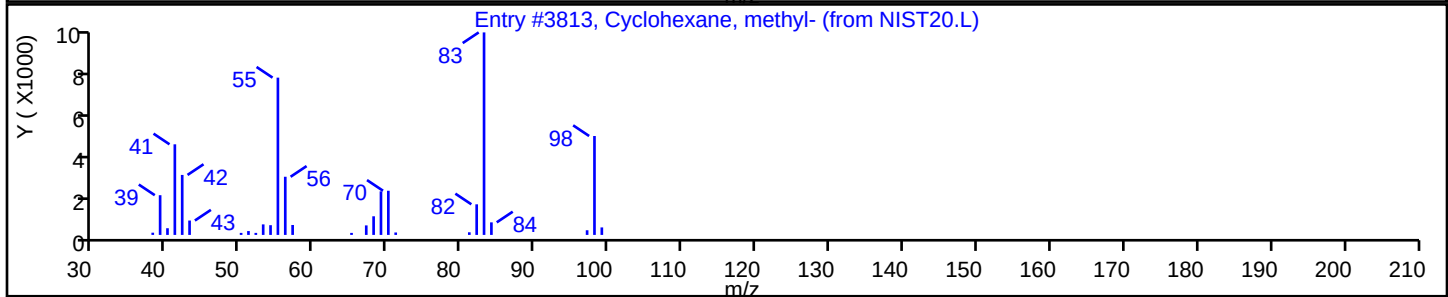
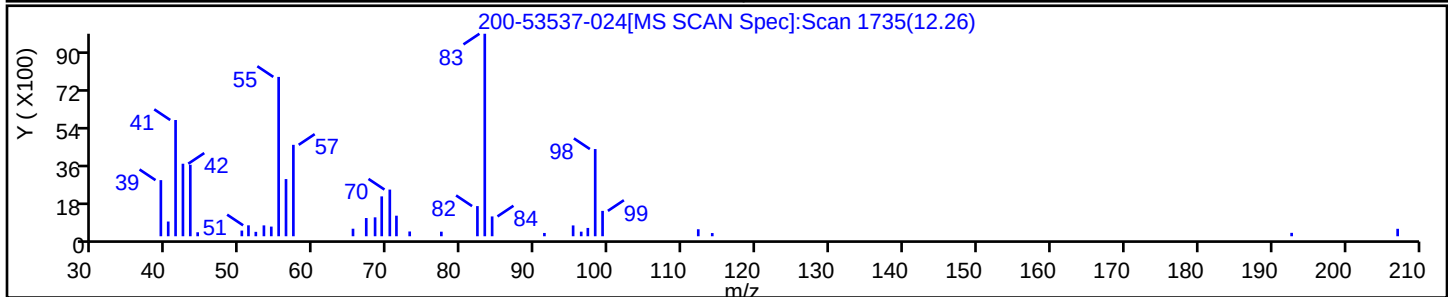
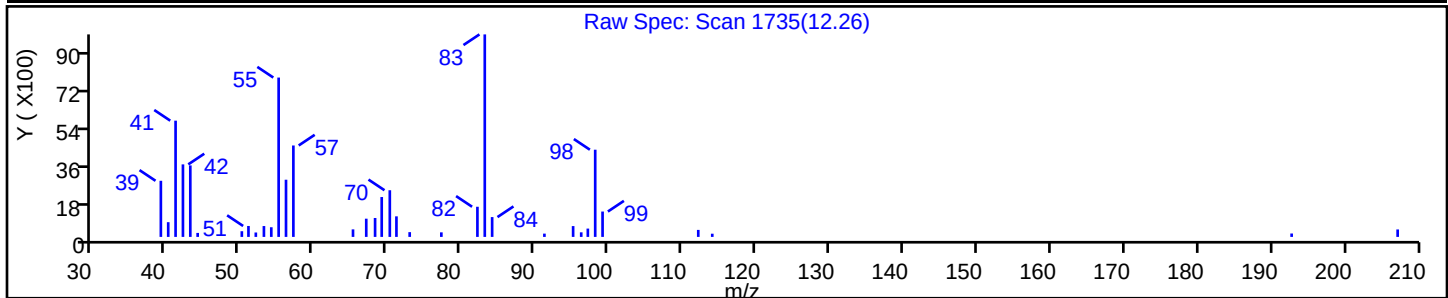
Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, methyl-	108-87-2	NIST20.L	3813	C7H14	98	94
1H-Pyrazole, 4,5-dihydro-4,5-dimethyl-	28019-94-5	NIST20.L	3523	C5H10N2	98	59
2-Pentene, 2,3-dimethyl-	10574-37-5	NIST20.L	3819	C7H14	98	59



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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: SV-3 Lab Sample ID: 200-65967-3

Matrix: Air Lab File ID: 53566-018.d

Analysis Method: TO-15 Date Collected: 12/01/2022 14:00

Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 22:30

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.: 186397 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.39	J	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.64		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.29	J	0.50	0.15
106-97-8	n-Butane	58.12	98	E	0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.27		0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.25		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.071	J	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	30		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.27	J	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	1.7	J	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	12		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone	72.11	1.4		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.35	J	0.50	0.021
540-59-0	1,2-Dichloroethene, Total	96.94	0.35	J	0.40	0.10
67-66-3	Chloroform	119.38	1.9		0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	1.2		0.20	0.044
110-82-7	Cyclohexane	84.16	3.5		0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.083		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	7.4		0.20	0.038

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: SV-3 Lab Sample ID: 200-65967-3

Matrix: Air Lab File ID: 53566-018.d

Analysis Method: TO-15 Date Collected: 12/01/2022 14:00

Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 22:30

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.: 186397 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	5.9		0.20	0.044
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	7.9		0.20	0.055
79-01-6	Trichloroethene	131.39	10		0.035	0.025
80-62-6	Methyl methacrylate	100.12	26		0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	37		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	73	E	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	9.4		0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	39		0.20	0.052
179601-23-1	m,p-Xylene	106.17	130	E	0.50	0.095
95-47-6	Xylene, o-	106.17	71	E	0.20	0.052
1330-20-7	Xylene (total)	106.17	200	E	0.70	0.11
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	39		0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	18		0.20	0.047
622-96-8	4-Ethyltoluene	120.20	18		0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	18		0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	37		0.20	0.080

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: SV-3 Lab Sample ID: 200-65967-3
 Matrix: Air Lab File ID: 53566-018.d
 Analysis Method: TO-15 Date Collected: 12/01/2022 14:00
 Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 22:30
 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.: 186397 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	1.7		0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.70		0.20	0.061
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: SV-3 Lab Sample ID: 200-65967-3

Matrix: Air Lab File ID: 53566-018.d

Analysis Method: TO-15 Date Collected: 12/01/2022 14:00

Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 22:30

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.: 186397 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	1.9	J	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	2.3		1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	0.59	J	1.0	0.31
106-97-8	n-Butane	58.12	230	E	1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.60		0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.54	J	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	71		12	3.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
75-15-0	Carbon disulfide	76.14	0.84	J	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	5.2	J	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	41		1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone	72.11	4.0		1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	1.4	J	2.0	0.083
540-59-0	1,2-Dichloroethene, Total	96.94	1.4	J	1.6	0.40
67-66-3	Chloroform	119.38	9.4		0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	6.7		1.1	0.24
110-82-7	Cyclohexane	84.16	12		0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.52		0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	35		0.93	0.18

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: SV-3 Lab Sample ID: 200-65967-3

Matrix: Air Lab File ID: 53566-018.d

Analysis Method: TO-15 Date Collected: 12/01/2022 14:00

Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 22:30

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.: 186397 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	19		0.64	0.14
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	32		0.82	0.23
79-01-6	Trichloroethene	131.39	56		0.19	0.13
80-62-6	Methyl methacrylate	100.12	110		2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	140		0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	500	E	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	38		2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	170		0.87	0.23
179601-23-1	m,p-Xylene	106.17	570	E	2.2	0.41
95-47-6	Xylene, o-	106.17	310	E	0.87	0.23
1330-20-7	Xylene (total)	106.17	870	E	3.0	0.48
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	190		0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	86		0.98	0.23
622-96-8	4-Ethyltoluene	120.20	91		0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	87		0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	180		0.98	0.39

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: SV-3 Lab Sample ID: 200-65967-3
 Matrix: Air Lab File ID: 53566-018.d
 Analysis Method: TO-15 Date Collected: 12/01/2022 14:00
 Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 22:30
 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.: 186397 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	9.3		1.1	0.25
99-87-6	4-Isopropyltoluene	134.22	3.8		1.1	0.33
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.44
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.54
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.46
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.60
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.40
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	2.4
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	1.2
91-20-3	Naphthalene	128.17	2.6	U	2.6	1.6

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

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-65967-1</u>
SDG No.: _____	
Client Sample ID: <u>SV-3</u>	Lab Sample ID: <u>200-65967-3</u>
Matrix: <u>Air</u>	Lab File ID: <u>53566-018.d</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>12/01/2022 14:00</u>
Sample wt/vol: <u>200 (mL)</u>	Date Analyzed: <u>12/06/2022 22:30</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>186397</u>	Units: <u>ppb v/v</u>
Number TICs Found: <u>10</u>	TIC Result Total: <u>447</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
75-28-5	Isobutane	4.54	30	J N	86%
78-78-4	Butane, 2-methyl-	6.21	77	J N	87%
109-66-0	Pentane	6.79	61	J N	91%
3221-61-2	Octane, 2-methyl-	18.08	39	J N	87%
2216-33-3	Octane, 3-methyl-	18.31	25	J N	91%
111-84-2	Nonane	19.11	37	J N	93%
620-14-4	Benzene, 1-ethyl-3-methyl-	21.40	77	J N	97%
611-14-3	Benzene, 1-ethyl-2-methyl-	21.86	34	J N	95%
	Unknown	23.40	31	J	
	Unknown	23.64	36	J	

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
 Lims ID: 200-65967-A-3
 Client ID: SV-3
 Sample Type: Client
 Inject. Date: 06-Dec-2022 22:30:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053566-018
 Misc. Info.: 65967-3
 Operator ID: vtp Instrument ID: CHW.i
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 07-Dec-2022 09:22:03 Calib Date: 01-Dec-2022 23:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-013.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1659

First Level Reviewer: BKZ7

Date: 07-Dec-2022 09:22:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.169	4.169	0.000	98	16528	0.3938	
3 Chlorodifluoromethane	51	4.212	4.210	0.000	97	12504	0.6413	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.511				ND	MU
5 Chloromethane	50	4.629	4.627	0.000	98	3285	0.2858	
6 Vinyl chloride	62		4.923				ND	
7 Butane	43	4.929	4.926	-0.001	98	1499431	98.1	E
8 Butadiene	54	5.036	5.033	0.000	87	3218	0.2734	
9 Bromomethane	94		5.736				ND	
10 Chloroethane	64		6.004				ND	MU
13 Vinyl bromide	106		6.421				ND	MU
14 Trichlorofluoromethane	101	6.576	6.579	-0.006	98	10000	0.2546	
20 1,1-Dichloroethene	96		7.630				ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoro	101	7.673	7.673	0.000	94	2235	0.0708	
22 Acetone	43	7.710	7.707	0.000	97	355809	29.7	
23 Isopropyl alcohol	45		8.005				ND	
24 Carbon disulfide	76	8.042	8.031	0.005	98	9182	0.2703	
26 3-Chloro-1-propene	41		8.326				ND	
27 Methylene Chloride	49	8.556	8.546	0.006	79	872	0.0943	
28 2-Methyl-2-propanol	59	8.791	8.775	0.016	99	31945	1.71	
30 trans-1,2-Dichloroethene	61		9.053				ND	MU
31 Methyl tert-butyl ether	73		9.064				ND	MU
32 Hexane	57	9.556	9.552	0.000	88	165566	11.7	
33 1,1-Dichloroethane	63		9.802				ND	MU
S 35 1,2-Dichloroethene, Total	61				0		0.3483	
36 2-Butanone (MEK)	72	10.776	10.760	0.011	94	6981	1.35	
37 cis-1,2-Dichloroethene	96	10.797	10.792	0.005	82	4656	0.3483	
* 39 Chlorobromomethane	128	11.198	11.198	0.000	74	91404	10.0	
40 Tetrahydrofuran	42		11.247				ND	
41 Chloroform	83	11.375	11.370	0.000	96	46315	1.92	
42 1,1,1-Trichloroethane	97	11.680	11.680	0.000	97	33313	1.22	
43 Cyclohexane	84	11.819	11.819	0.000	91	57520	3.49	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
44 Carbon tetrachloride	117	11.958	11.958	0.000	90	2638	0.0831	
45 Benzene	78	12.300	12.301	0.000	94	214030	5.91	
46 1,2-Dichloroethane	62		12.375				ND	MU
47 Isooctane	57	12.525	12.525	0.000	99	336920	7.41	
48 n-Heptane	43	12.835	12.835	0.000	89	114301	7.90	
* 49 1,4-Difluorobenzene	114	13.039	13.039	0.000	92	452960	10.0	
51 Trichloroethene	95	13.467	13.467	0.000	94	197880	10.5	
53 1,2-Dichloropropane	63		13.921				ND	
54 Methyl methacrylate	69	14.018	14.018	0.000	94	275499	26.1	
55 1,4-Dioxane	88	14.082	14.060	0.021	74	3050	0.3570	
58 Dichlorobromomethane	83		14.387				ND	
59 cis-1,3-Dichloropropene	75		15.189				ND	7
61 4-Methyl-2-pentanone (MIBK)	43		15.457				ND	MU
62 Toluene	92	15.831	15.837	0.000	94	1067532	36.6	
66 trans-1,3-Dichloropropene	75		16.249				ND	MU
67 1,1,2-Trichloroethane	83		16.618				ND	MU
68 Tetrachloroethene	166	16.826	16.810	0.005	97	2471941	73.4	E
69 2-Hexanone	43	17.003	17.030	-0.032	84	144241	9.36	
70 Chlorodibromomethane	129		17.356				ND	
71 Ethylene Dibromide	107		17.591				ND	
* 73 Chlorobenzene-d5	117	18.506	18.506	0.000	82	401832	10.0	
74 Chlorobenzene	112		18.565				ND	MU
75 Ethylbenzene	91	18.763	18.752	0.005	97	2470719	39.4	
76 m-Xylene & p-Xylene	106	19.014	19.020	-0.011	0	3493813	131.0	E
78 o-Xylene	106	19.795	19.790	0.000	99	1908162	70.9	E
79 Styrene	104		19.833				ND	MU
S 80 Xylenes, Total	106				0		201.9	E
81 Bromoform	173		20.186				ND	7
82 Isopropylbenzene	105	20.523	20.517	0.000	97	2962939	38.8	
83 1,1,2,2-Tetrachloroethane	83		21.053				ND	MU
85 N-Propylbenzene	91	21.261	21.255	0.000	100	1461793	17.5	
86 2-Chlorotoluene	91		21.406				ND	MU
87 4-Ethyltoluene	105	21.464	21.458	-0.001	99	1357325	18.5	
88 1,3,5-Trimethylbenzene	105	21.566	21.555	0.005	94	1117666	17.7	
91 tert-Butylbenzene	119		22.053				ND	MU
92 1,2,4-Trimethylbenzene	105	22.144	22.138	0.000	96	2309061	36.6	
93 sec-Butylbenzene	105	22.385	22.385	0.000	98	152217	1.69	M
94 1,3-Dichlorobenzene	146		22.556				ND	MU
95 4-Isopropyltoluene	119	22.604	22.598	0.000	98	55431	0.6979	
96 1,4-Dichlorobenzene	146		22.700				ND	MU
97 Benzyl chloride	91		22.845				ND	
98 n-Butylbenzene	91		23.160				ND	MU
99 1,2-Dichlorobenzene	146		23.182				ND	MU
102 1,2,4-Trichlorobenzene	180		25.562				ND	MU
103 Hexachlorobutadiene	225	25.814	25.803	0.011	63	1542	0.0335	
104 Naphthalene	128	26.017	26.022	0.000	86	4433	0.0870	

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

Eurofins Burlington
Tentatively Identified Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
 Lims ID: 200-65967-A-3
 Client ID: SV-3
 Sample Type: Client
 Inject. Date: 06-Dec-2022 22:30:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053566-018
 Misc. Info.: 65967-3
 Operator ID: vtp Instrument ID: CHW.i
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 07-Dec-2022 09:22:03 Calib Date: 01-Dec-2022 23:39:30
 Tic RT Window: 0.000 -0.000 Response: area
 Quant By: Nearest ISTD Quant LOD: 10.00000
 MS Library: \\chromfs\Burlington\Database\NIST20.L
 Min. Match: 1
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1659
 First Level Reviewer: BKZ7 Date: 07-Dec-2022 09:22:03

Tentative Identified Compound Results

RT	Area	Amount ppb v/v	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
75-28-5	Isobutane							
4.543	1562745	29.7	39	86	271	C4H10	58	
78-78-4	Butane, 2-methyl-							
6.212	4067320	77.2	39	87	815	C5H12	72	
109-66-0	Pentane							
6.785	3234990	61.4	39	91	811	C5H12	72	
3221-61-2	Octane, 2-methyl-							
18.083	3988210	38.8	49	87	14598	C9H20	128	
2216-33-3	Octane, 3-methyl-							
18.313	2617333	25.5	49	91	14577	C9H20	128	
111-84-2	Nonane							
19.105	3764098	36.6	49	93	14522	C9H20	128	
620-14-4	Benzene, 1-ethyl-3-methyl-							
21.400	7919799	77.0	49	97	10767	C9H12	120	
611-14-3	Benzene, 1-ethyl-2-methyl-							
21.855	3515957	34.2	49	95	10720	C9H12	120	
	Unknown							
23.401	3223855	31.4	49	0	0		0	
	Unknown							
23.642	3677622	35.8	49	0	0		0	

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d

Quantitation Compounds

Compound	RT	Area	Amount ppb v/v
* 39 Chlorobromomethane	11.198	526921	10.0
* 49 1,4-Difluorobenzene	13.039	1027953	10.0

QC Flag Legend

Processing Flags

Reagents:

ATTO15WISs_00010

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d

Injection Date: 06-Dec-2022 22:30:30

Instrument ID: CHW.i

Operator ID: vtp

Lims ID: 200-65967-A-3

Lab Sample ID: 200-65967-3

Worklist Smp#: 18

Client ID: SV-3

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

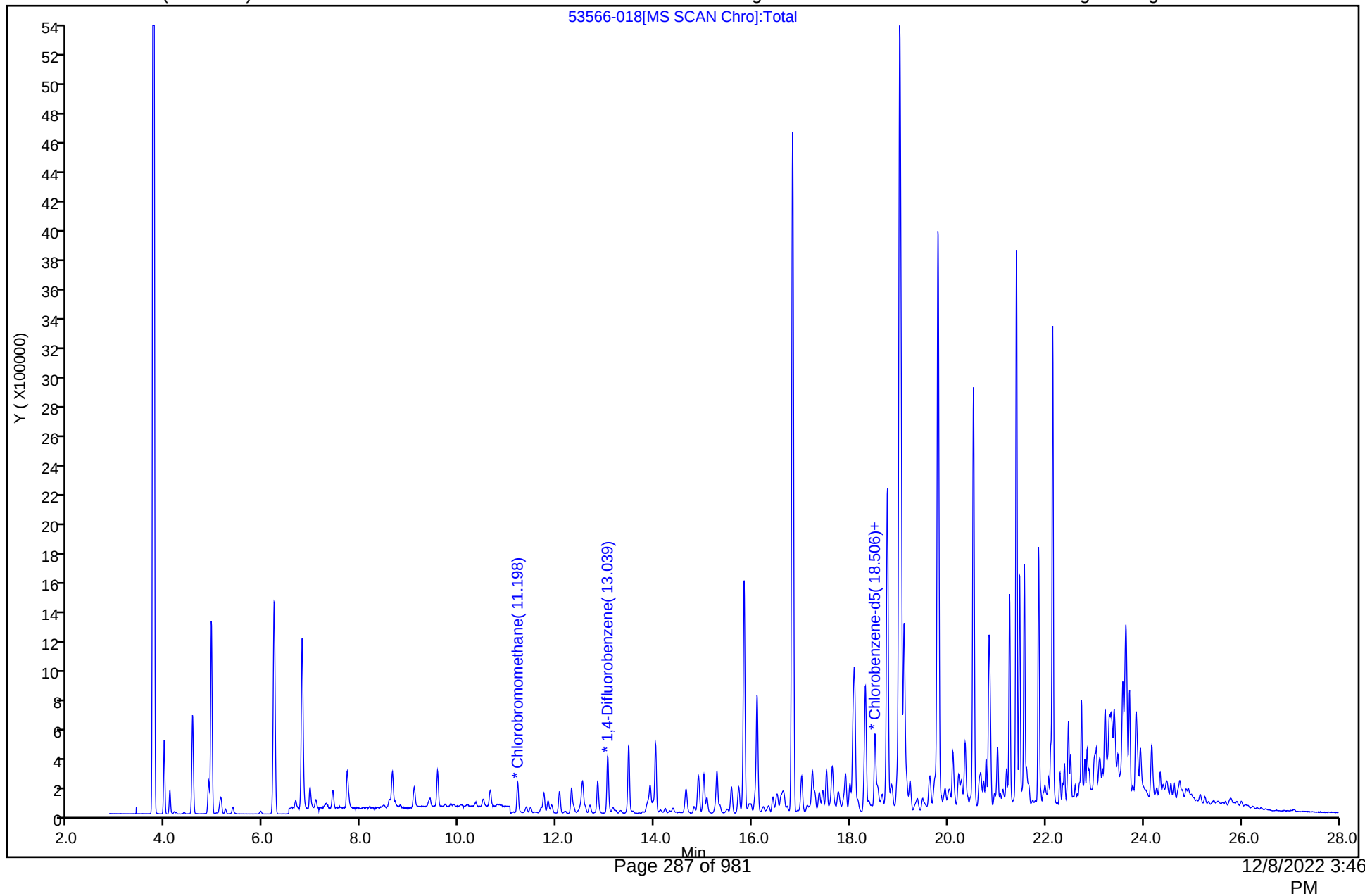
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Method: TO15_TO3_MasterMethod_W

Limit Group: AI_TO15_ICAL

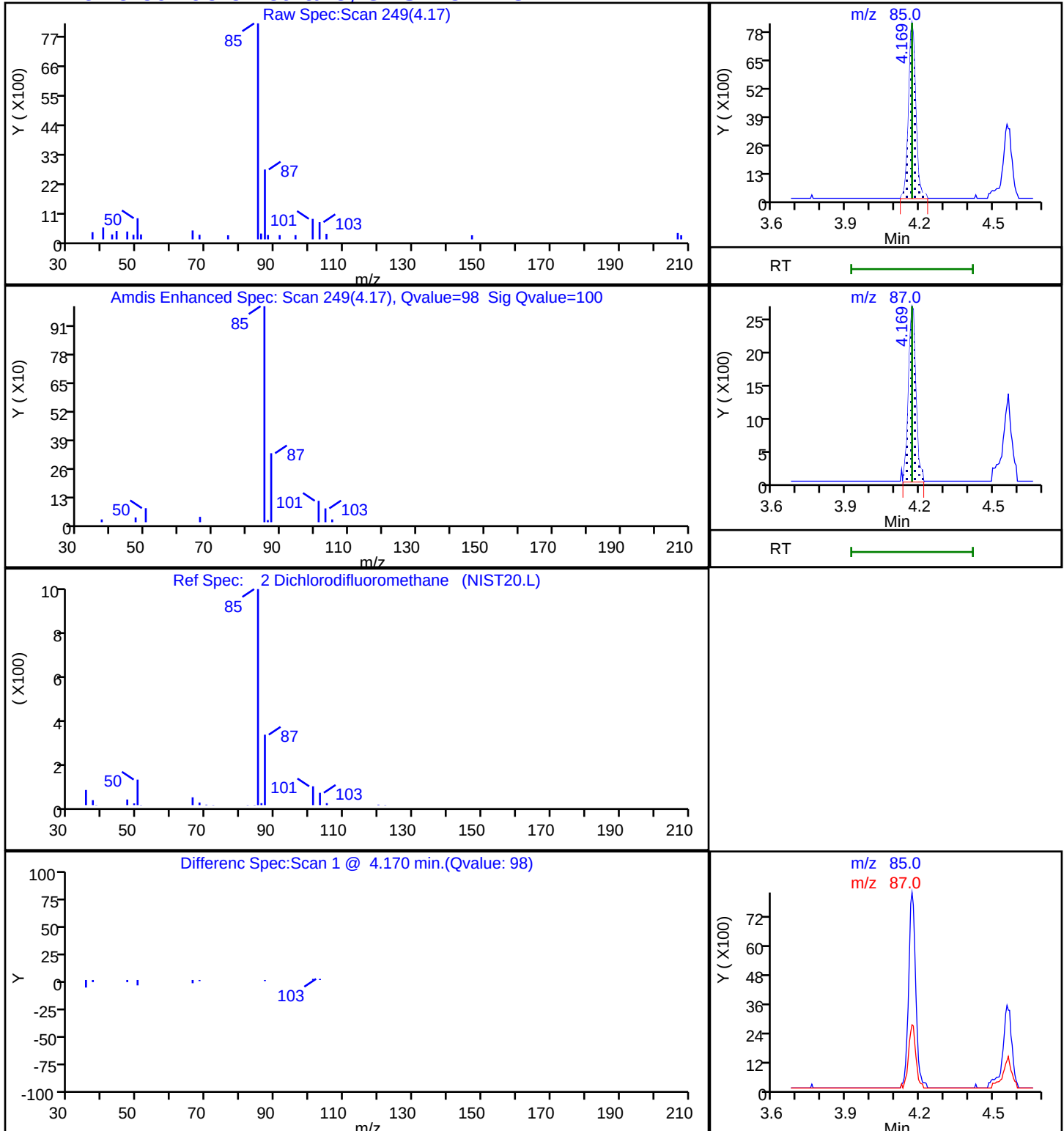
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Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



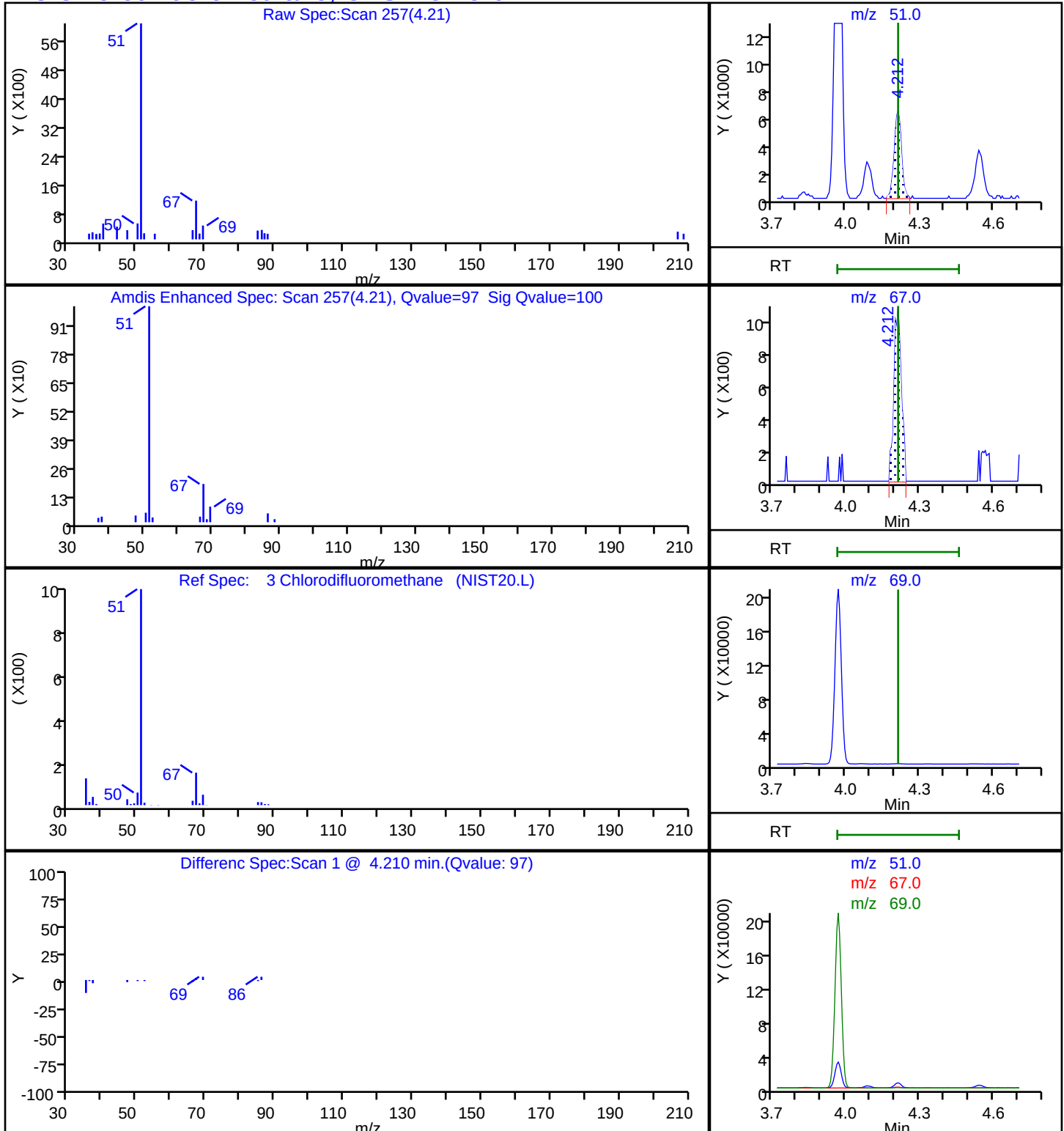
Eurofins Burlington

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Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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

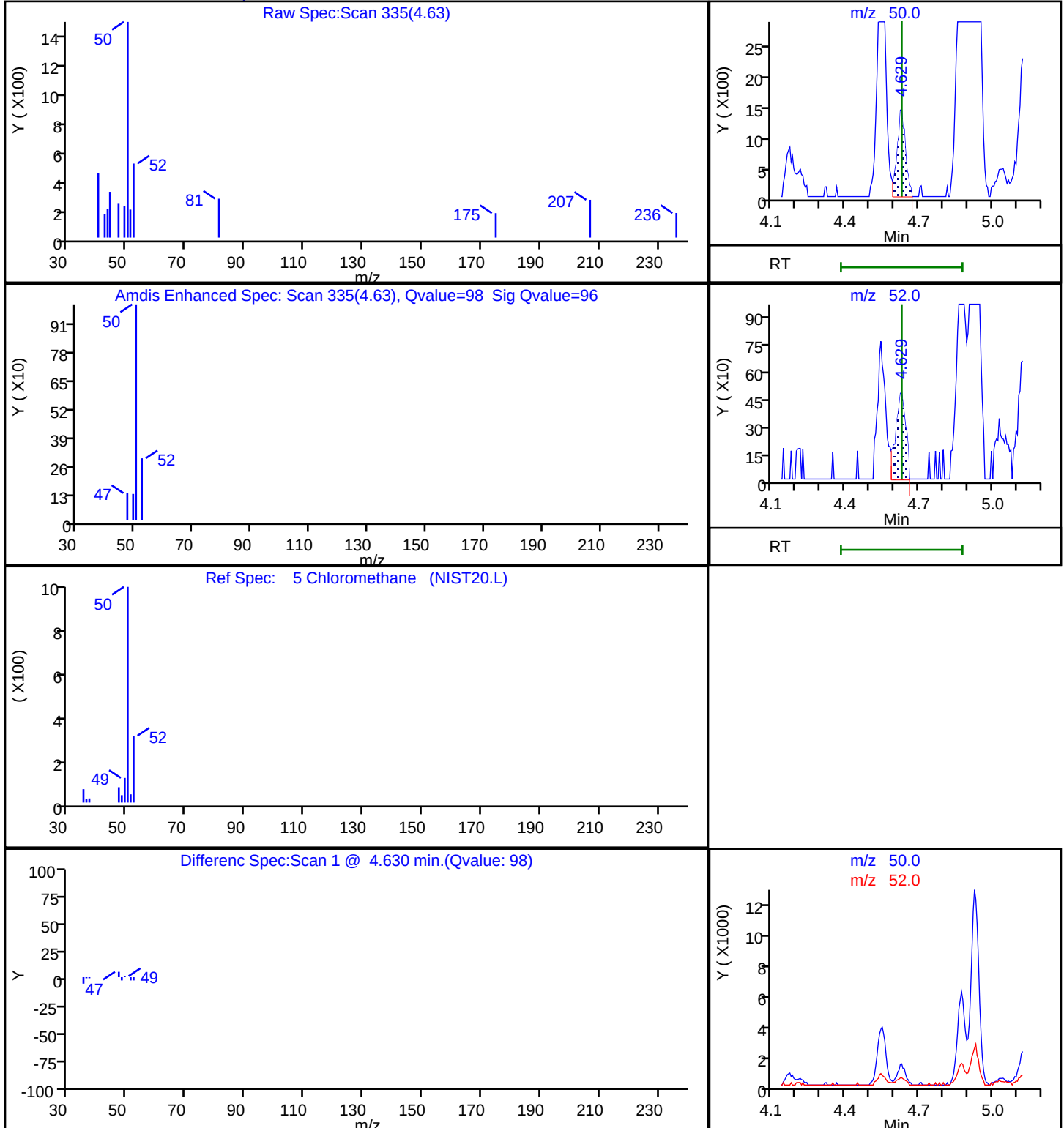
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Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

3 Chlorodifluoromethane, CAS: 75-45-6

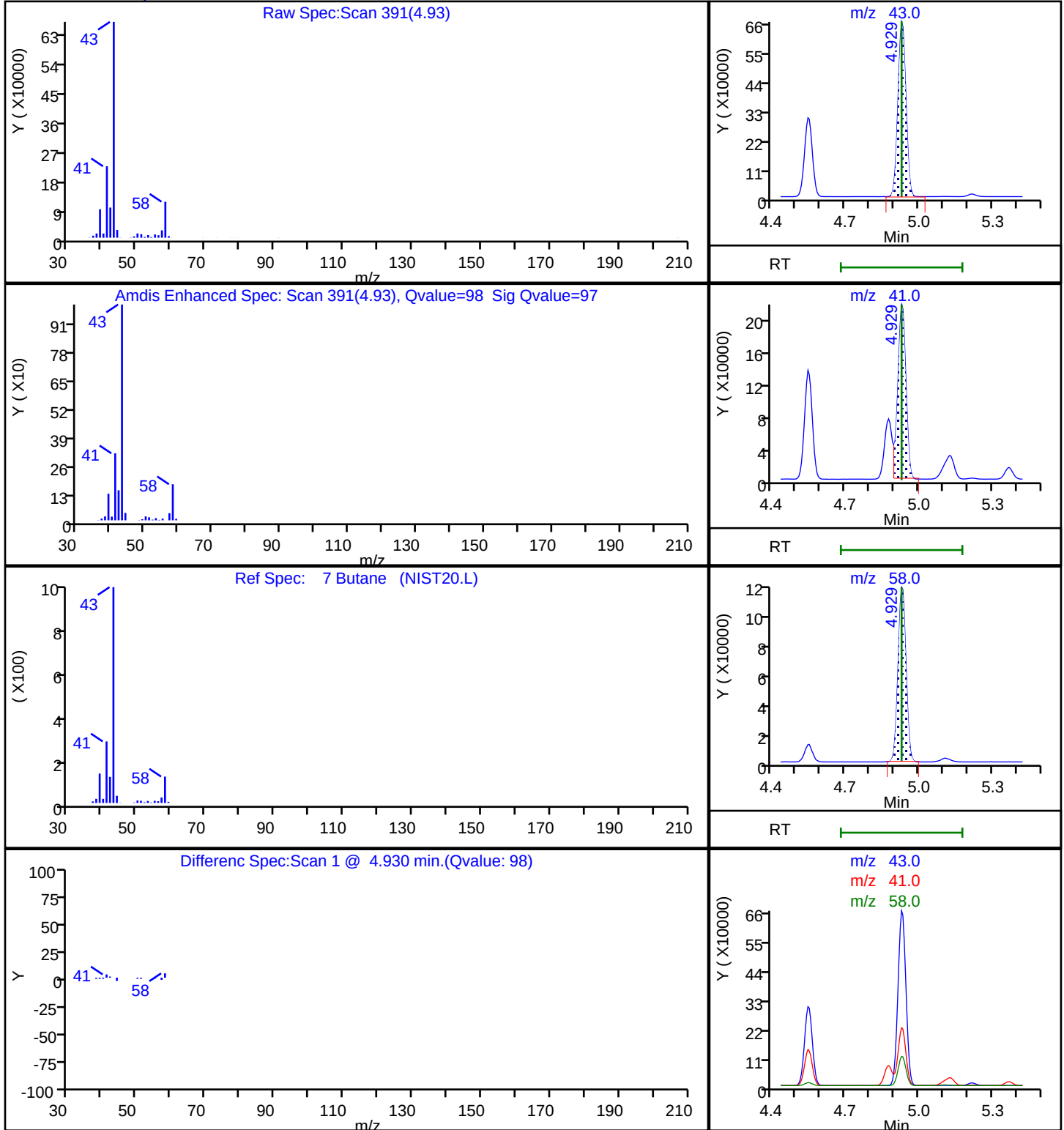
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Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

5 Chloromethane, CAS: 74-87-3

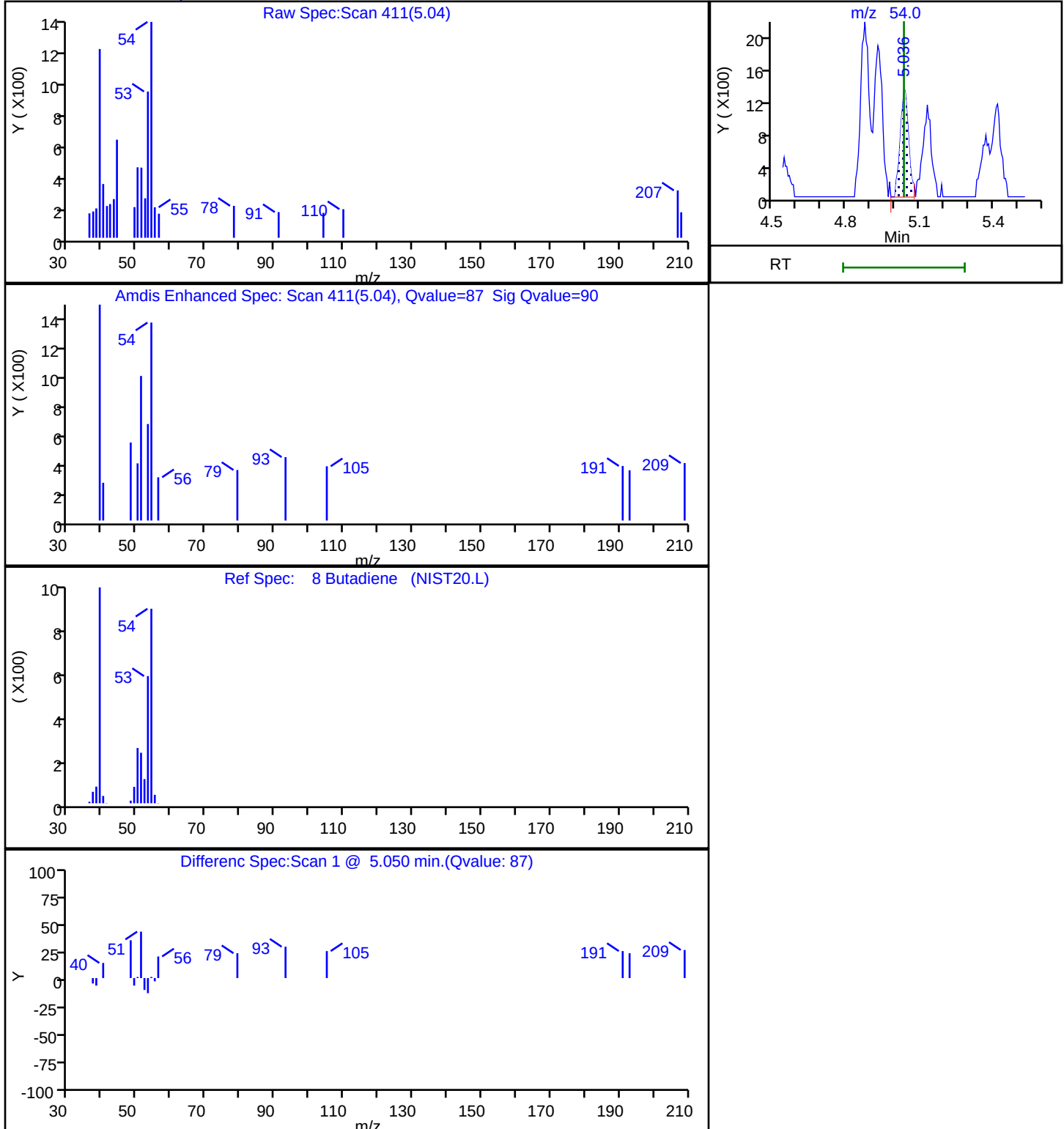
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Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

7 Butane, CAS: 106-97-8

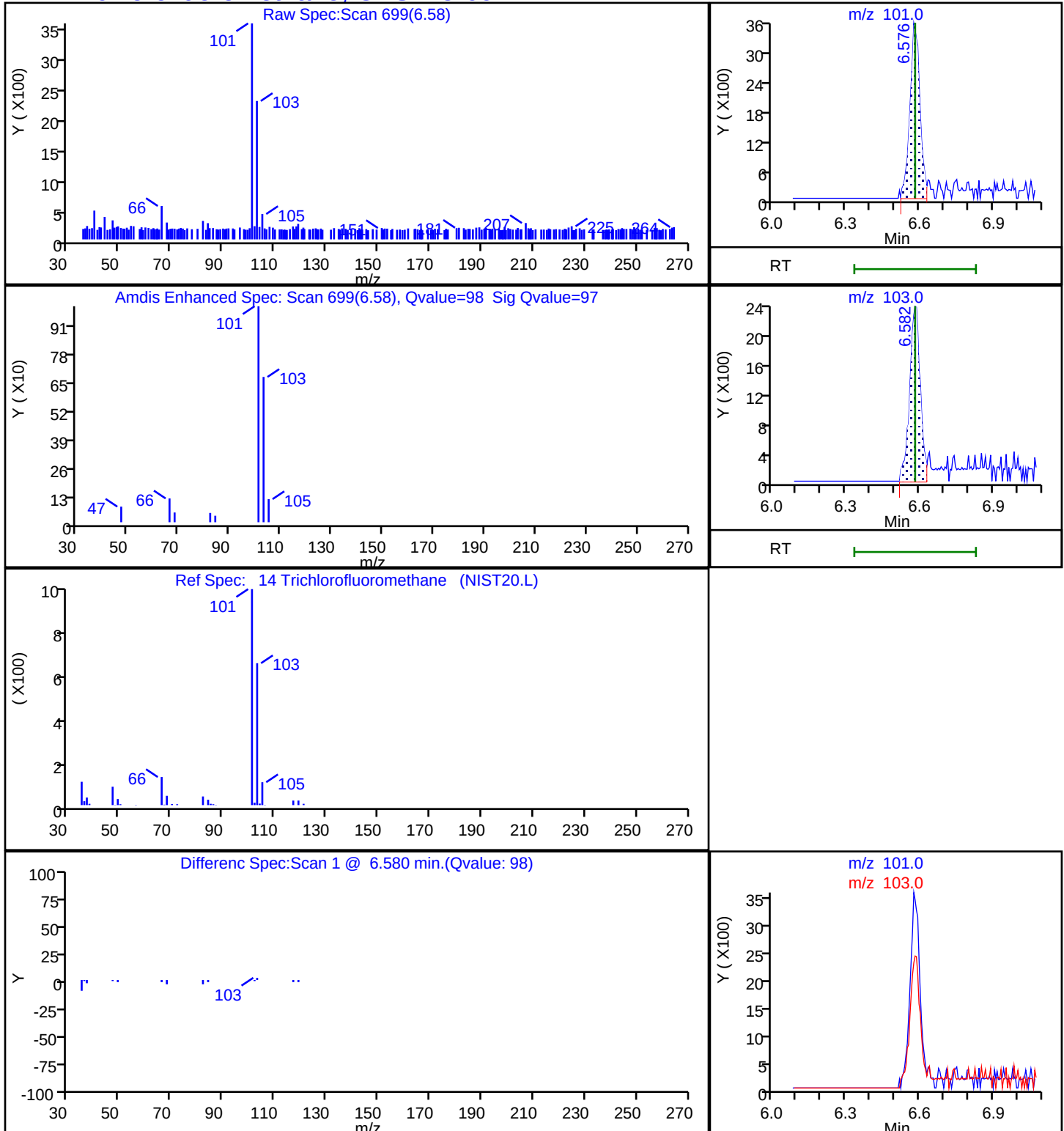
Eurofins Burlington

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Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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

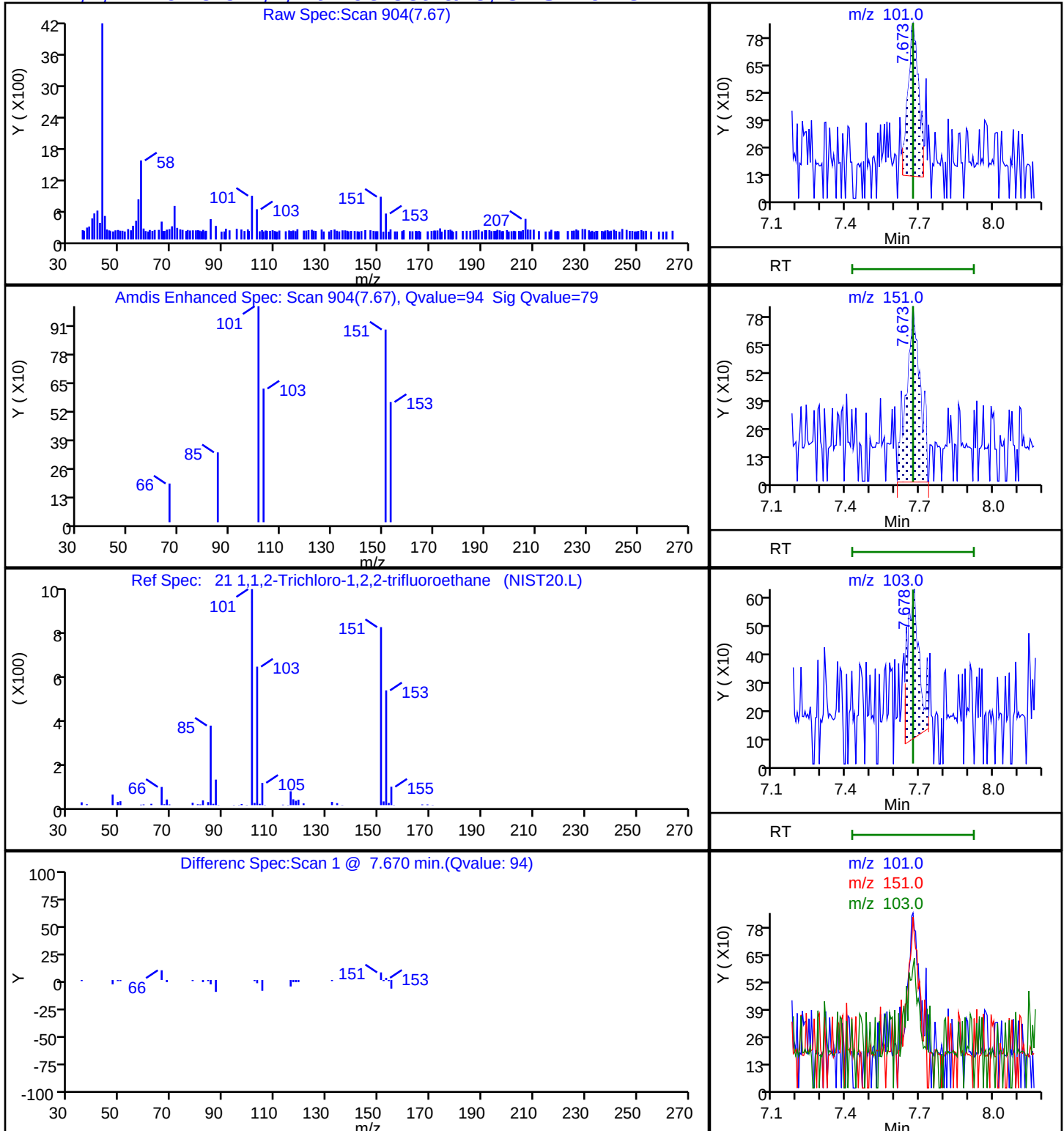
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Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

14 Trichlorofluoromethane, CAS: 75-69-4

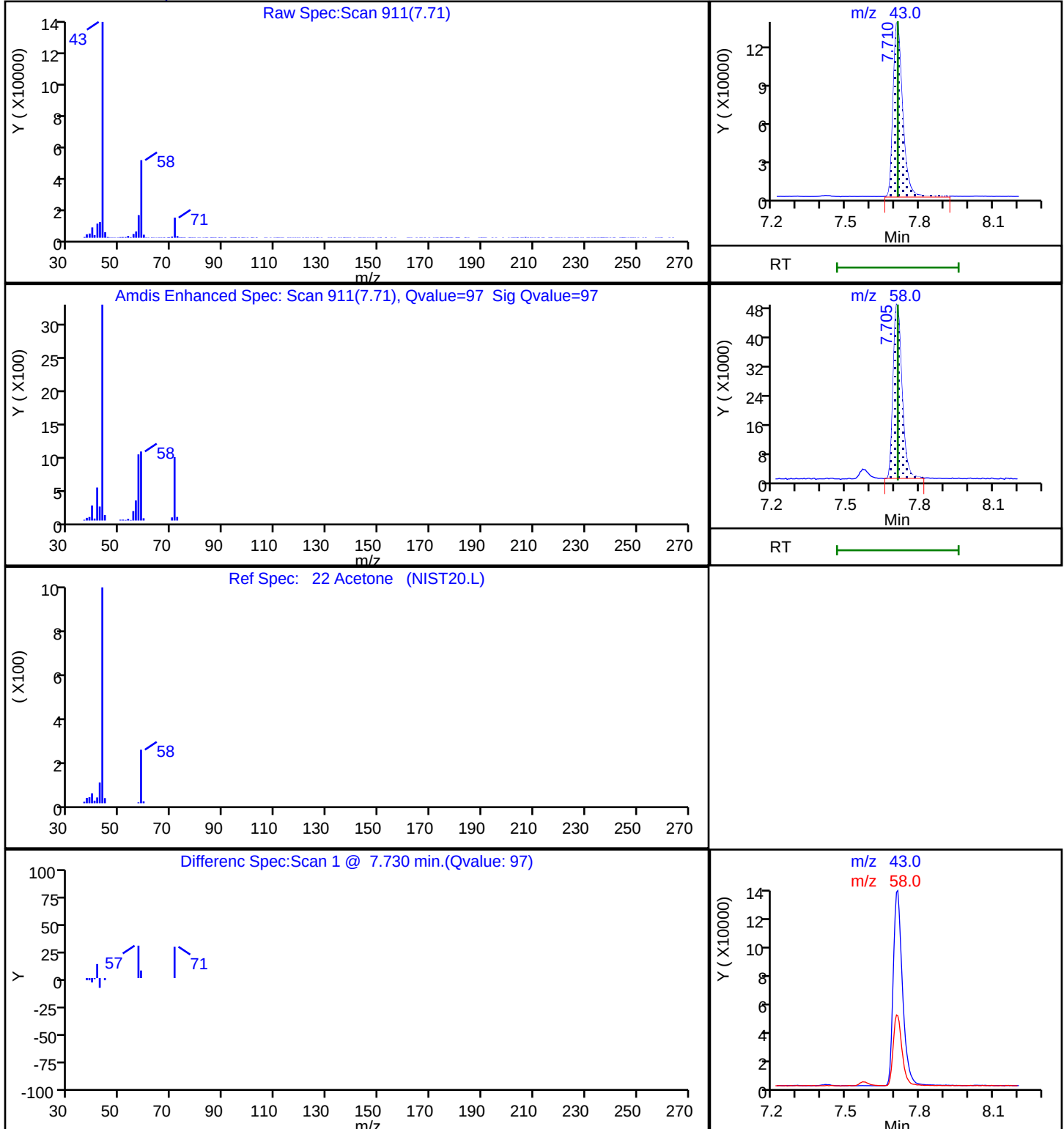
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Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

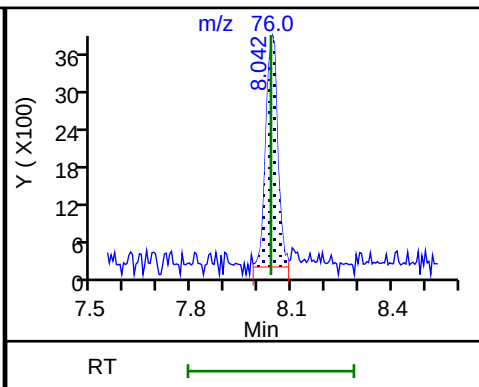
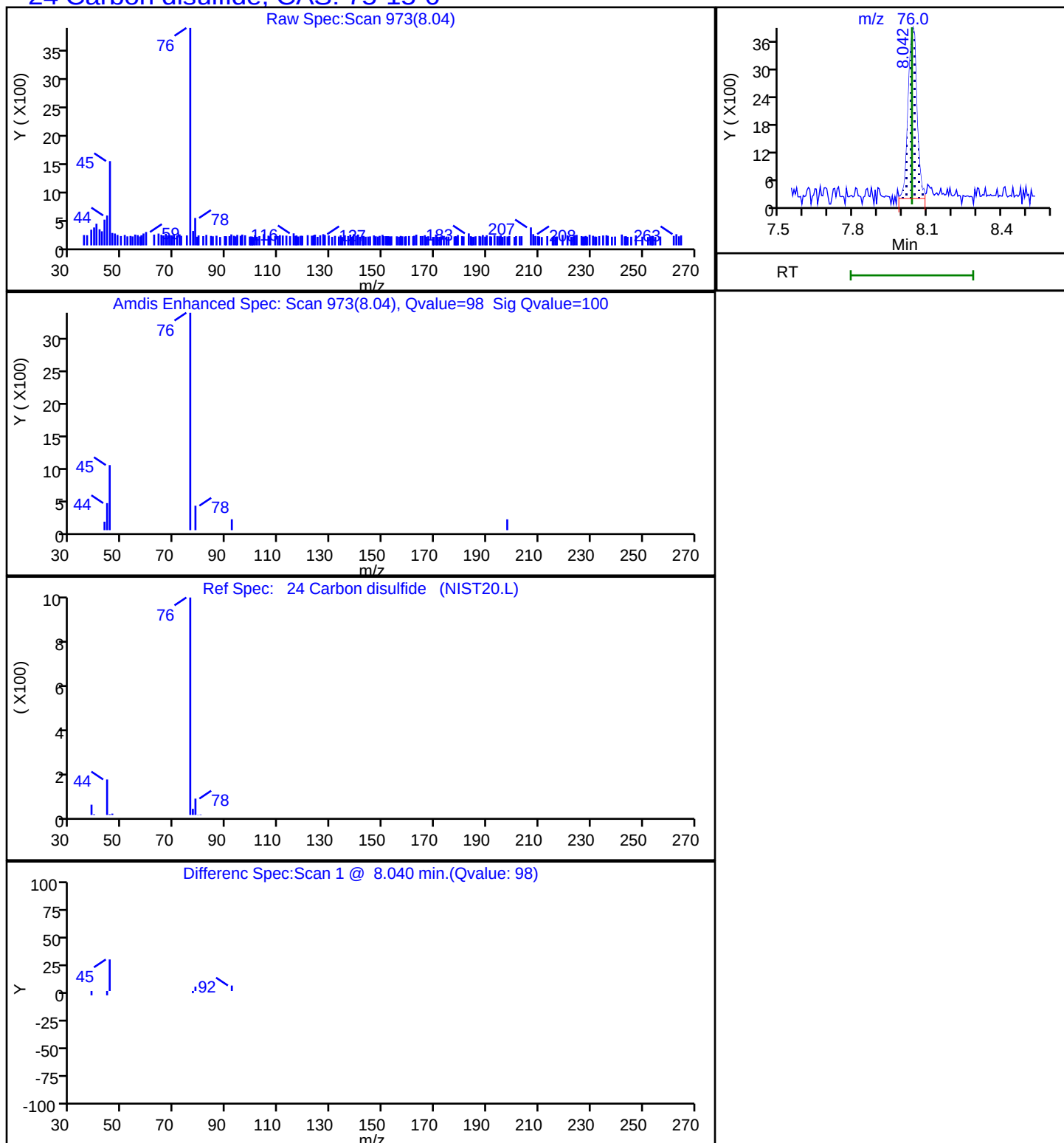
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Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

22 Acetone, CAS: 67-64-1

Eurofins Burlington

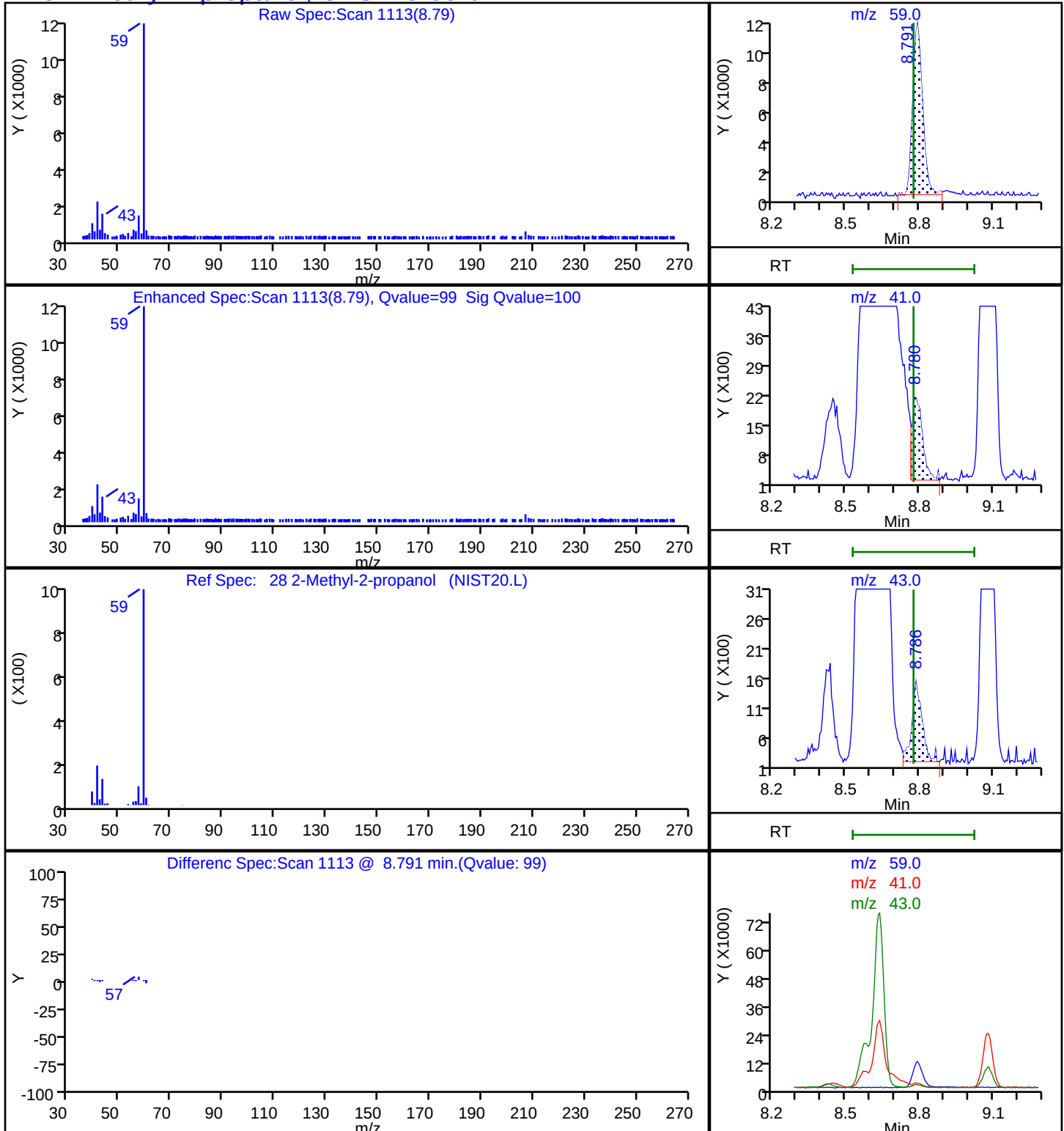
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Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

24 Carbon disulfide, CAS: 75-15-0

Eurofins Burlington

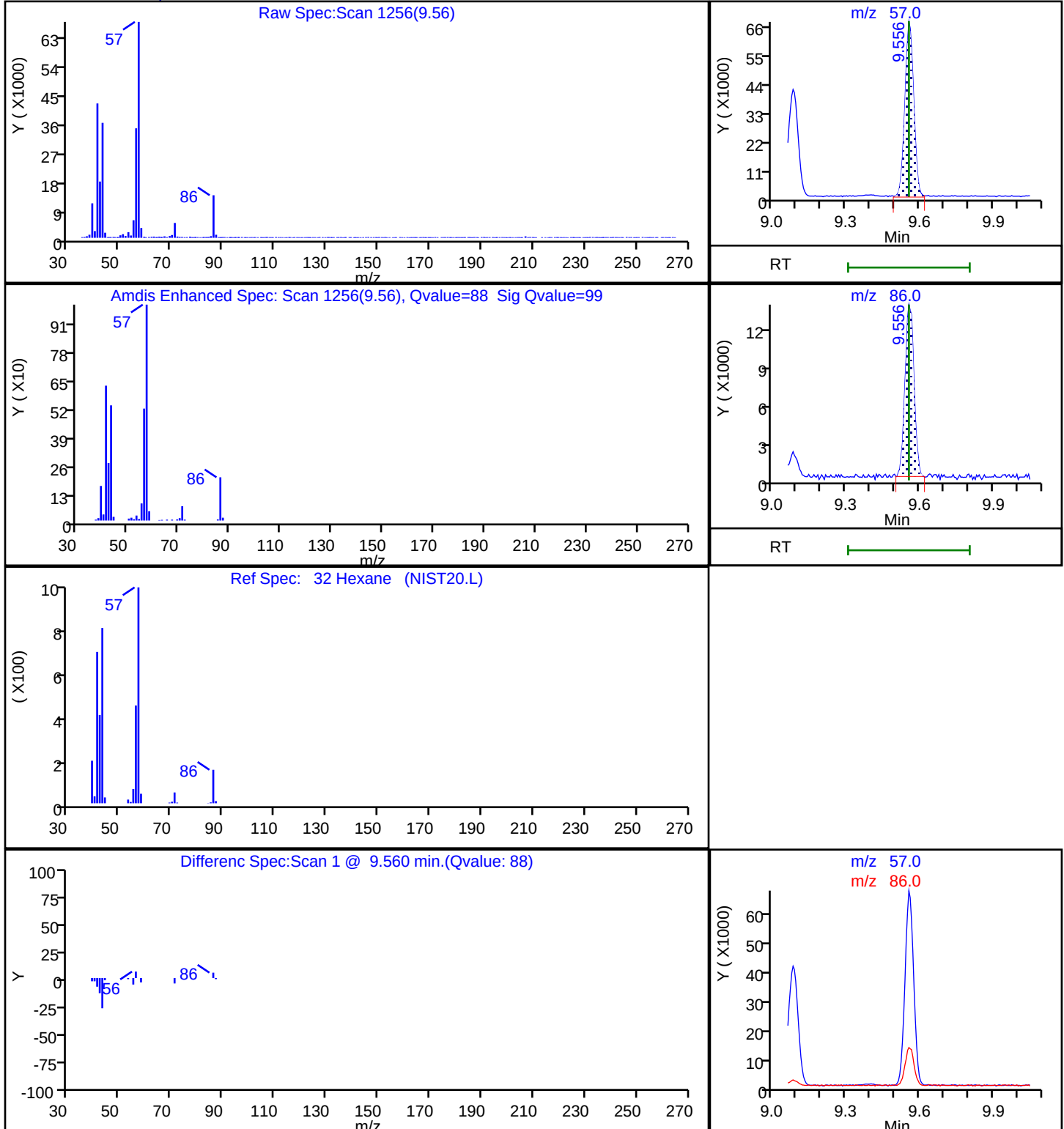
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Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0



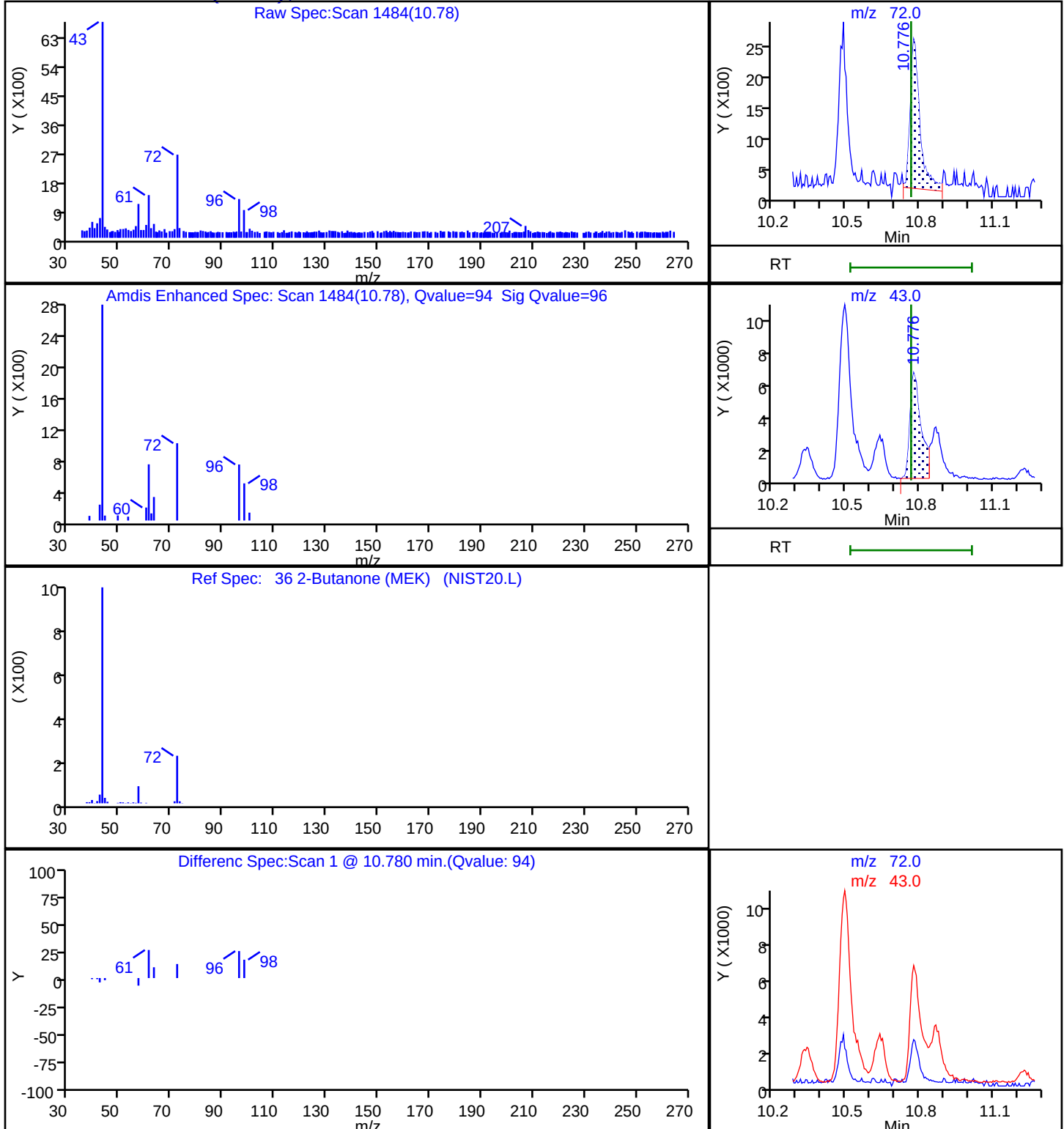
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Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

32 Hexane, CAS: 110-54-3

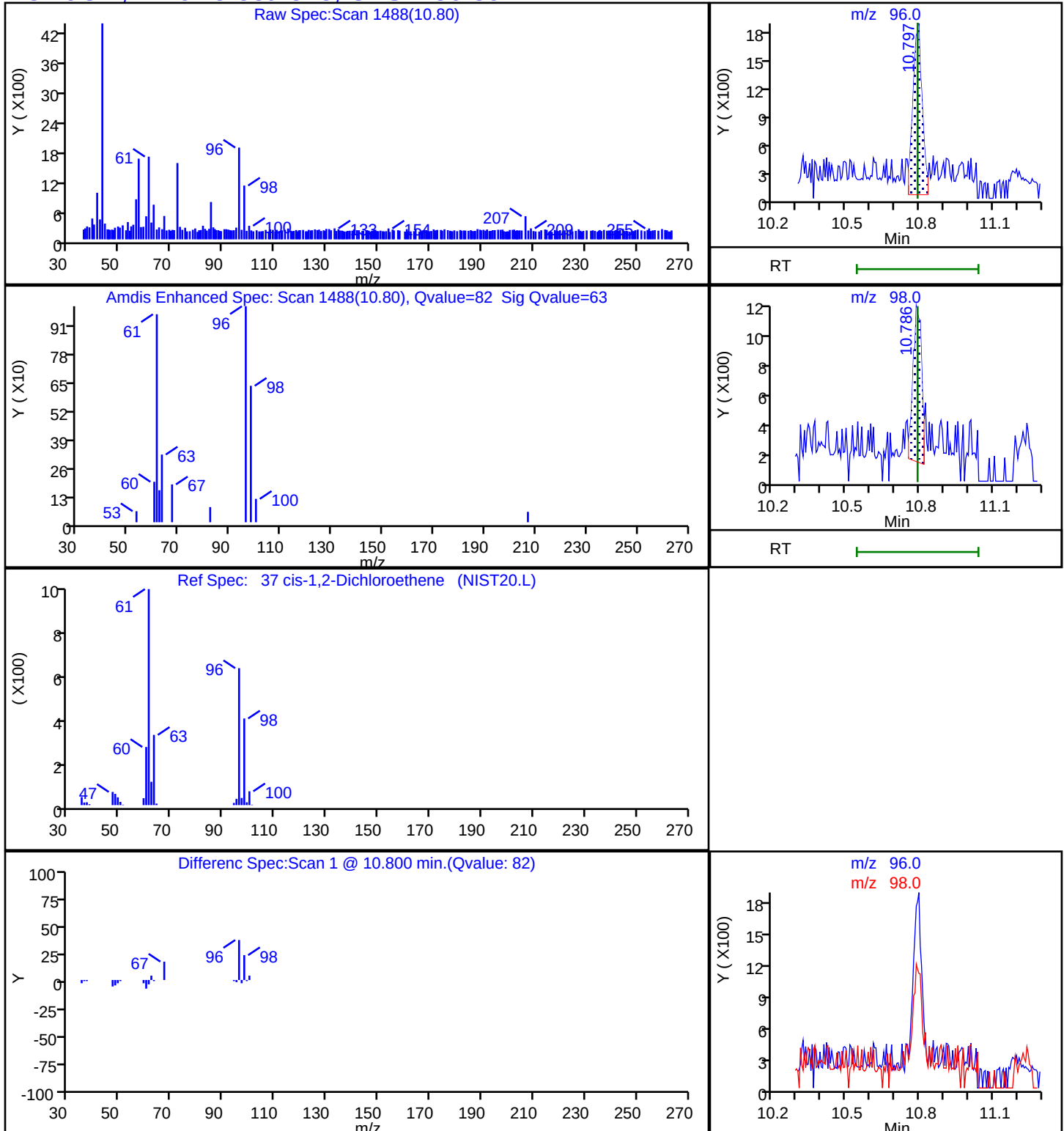
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Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

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

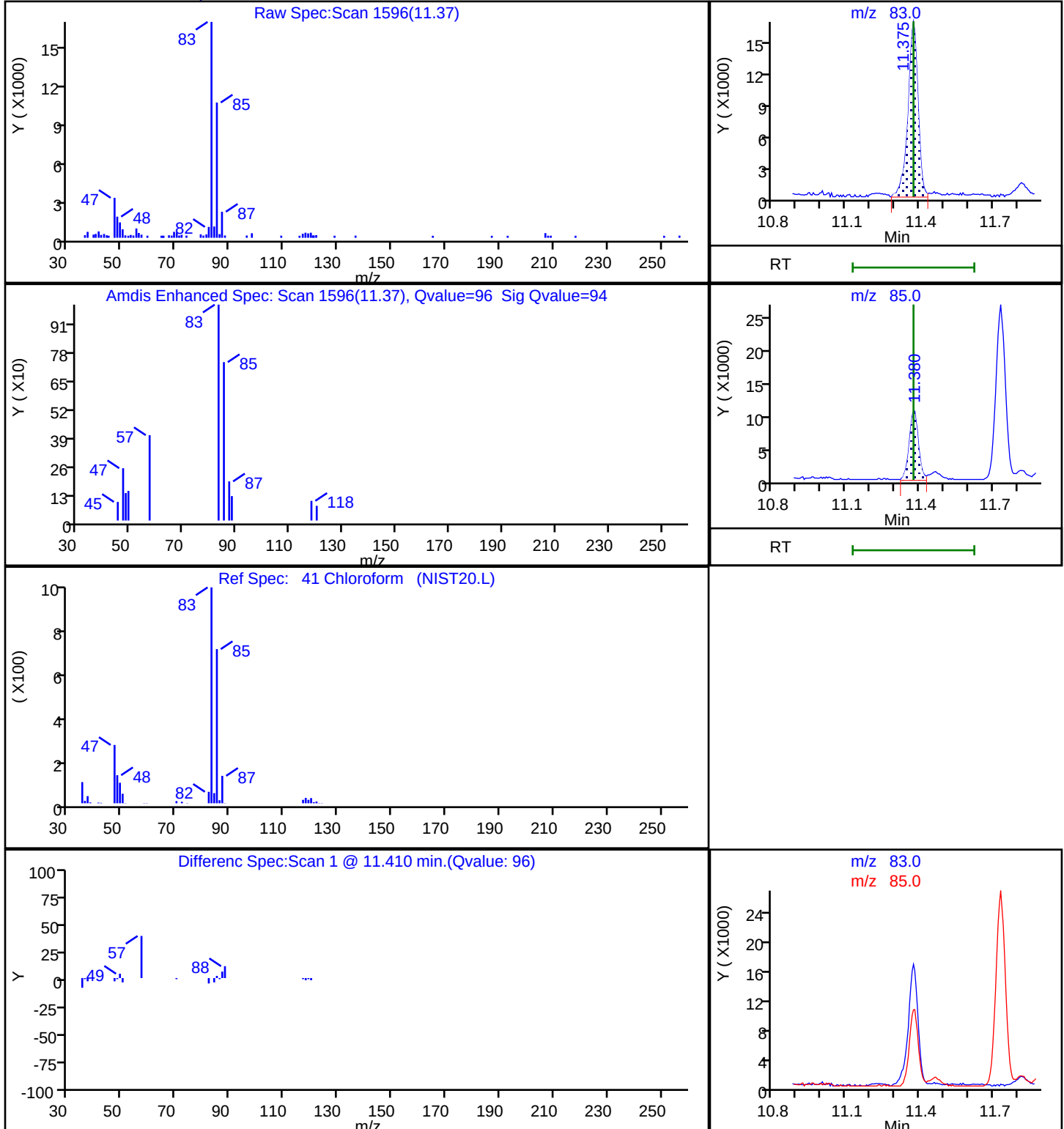
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Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

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

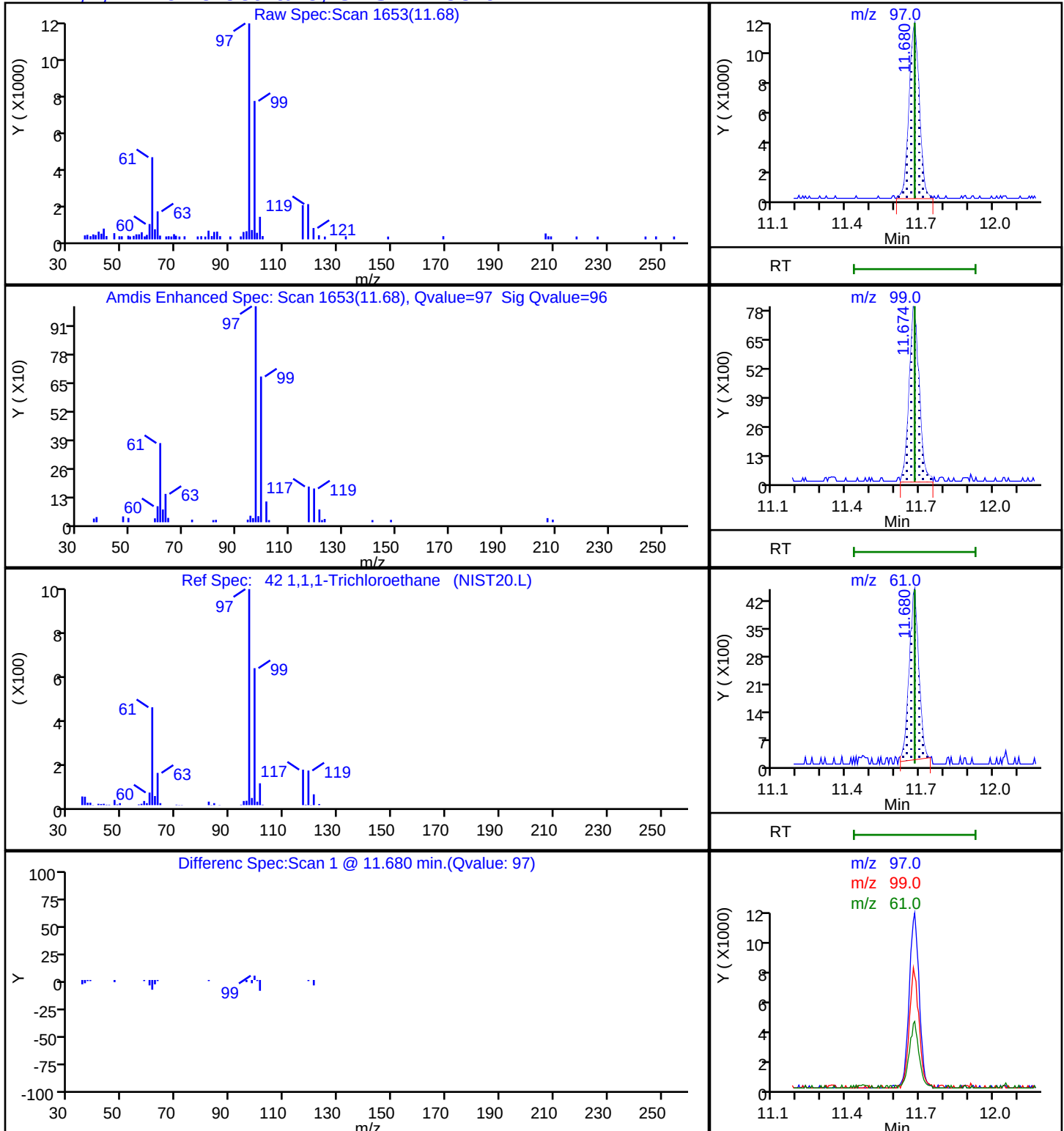
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Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

41 Chloroform, CAS: 67-66-3

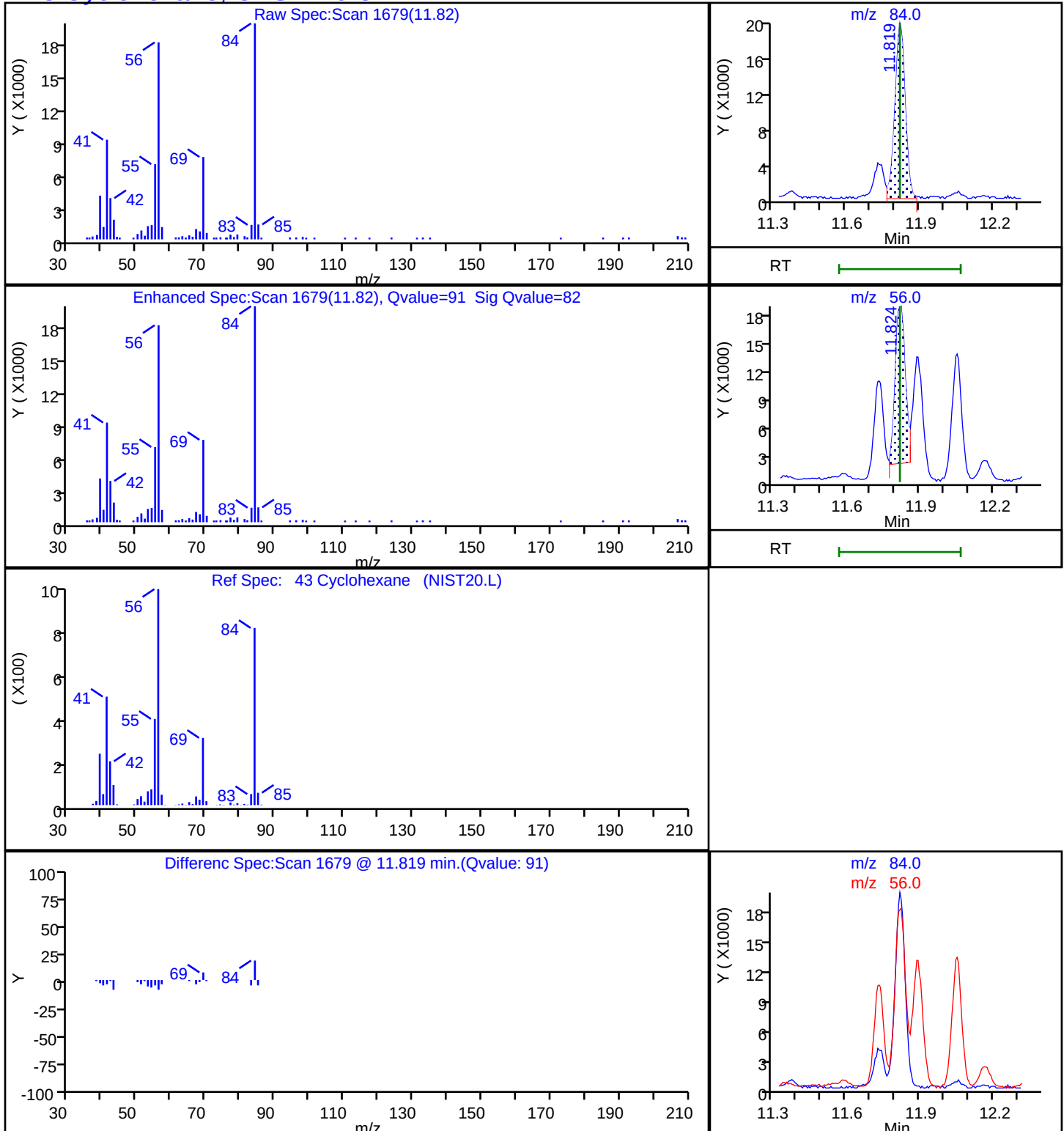
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Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

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

Eurofins Burlington

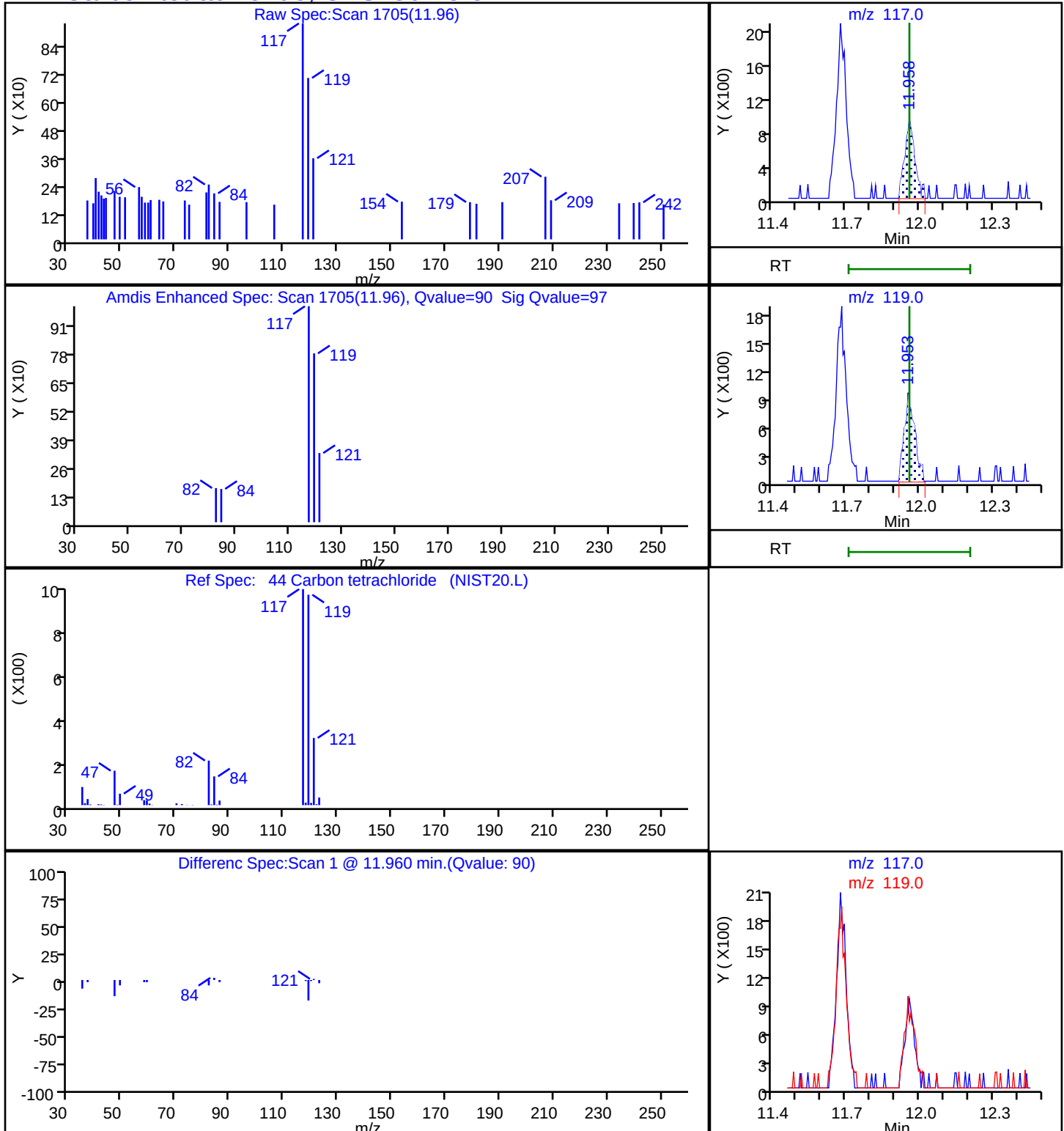
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Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

43 Cyclohexane, CAS: 110-82-7

Eurofins Burlington

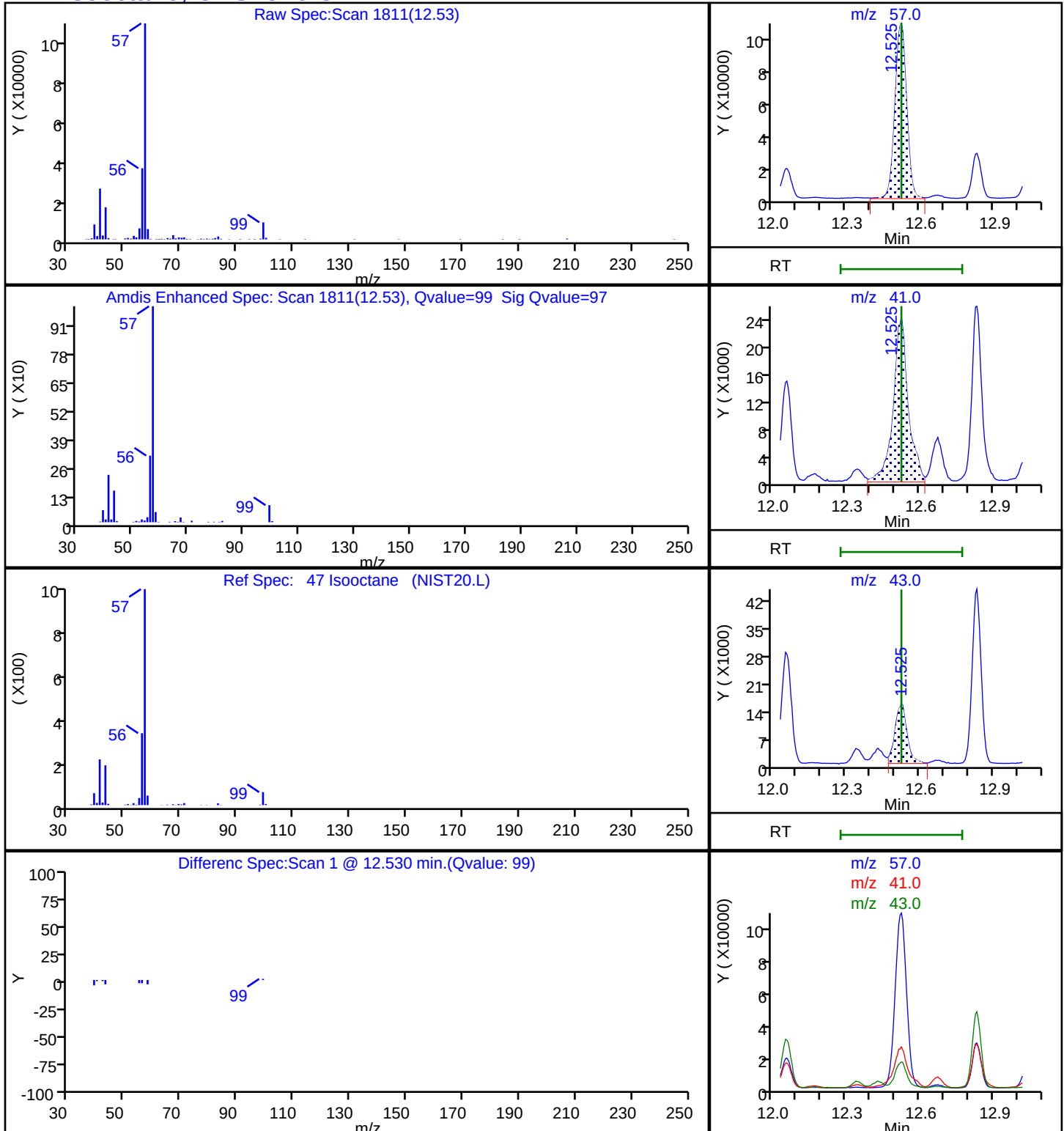
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Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

44 Carbon tetrachloride, CAS: 56-23-5



Eurofins Burlington

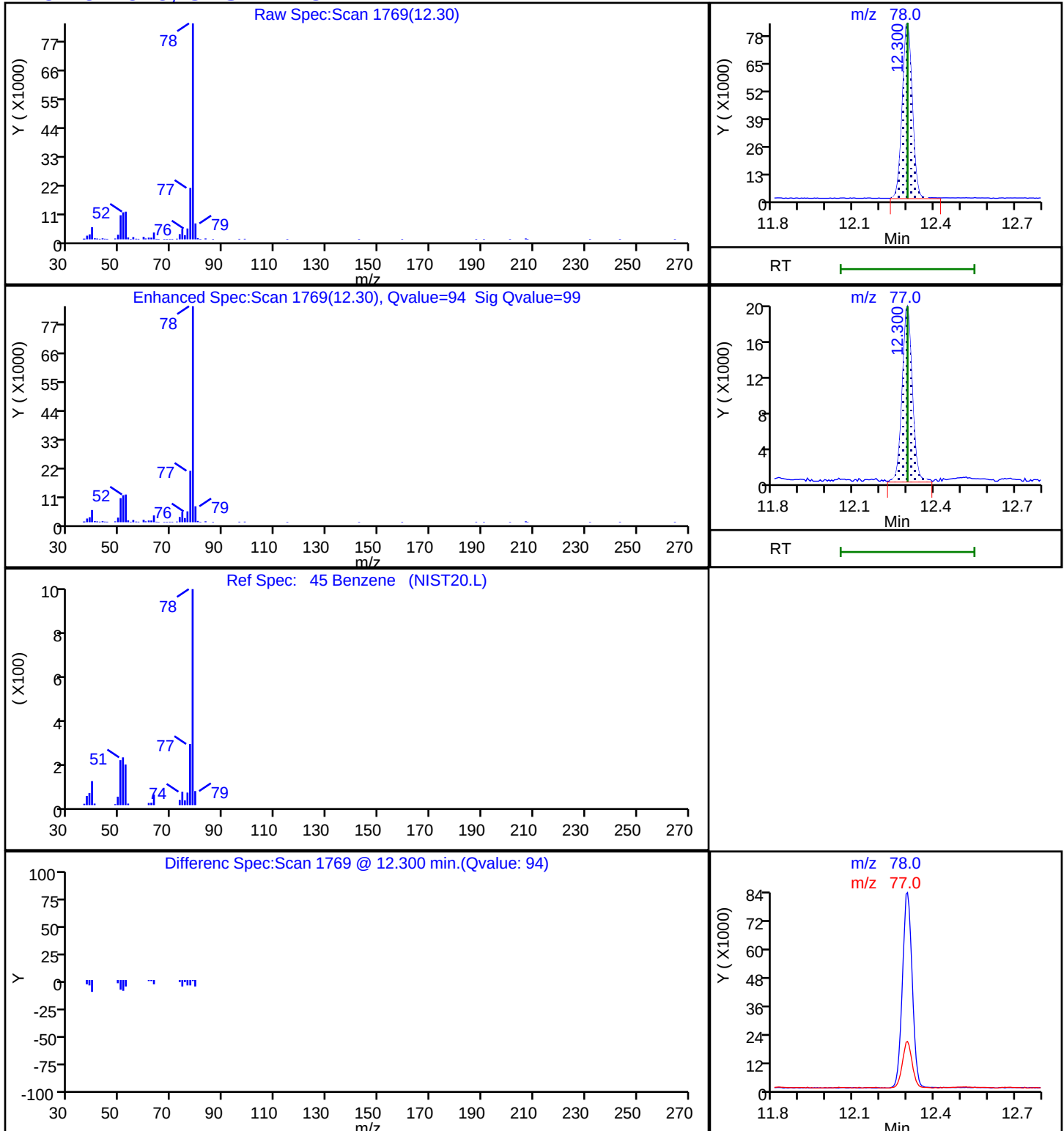
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Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

47 Isooctane, CAS: 540-84-1

Eurofins Burlington

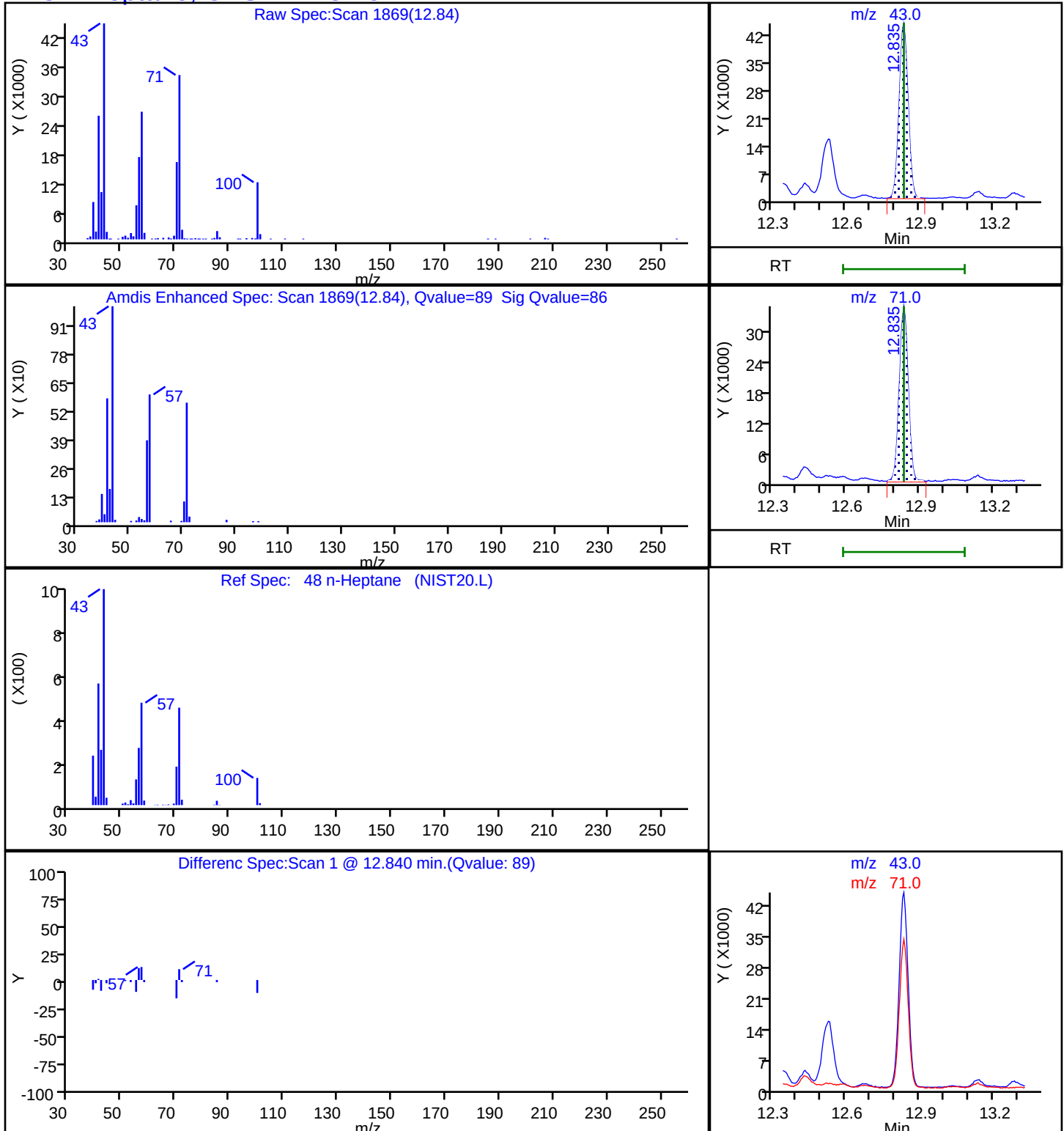
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Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

45 Benzene, CAS: 71-43-2



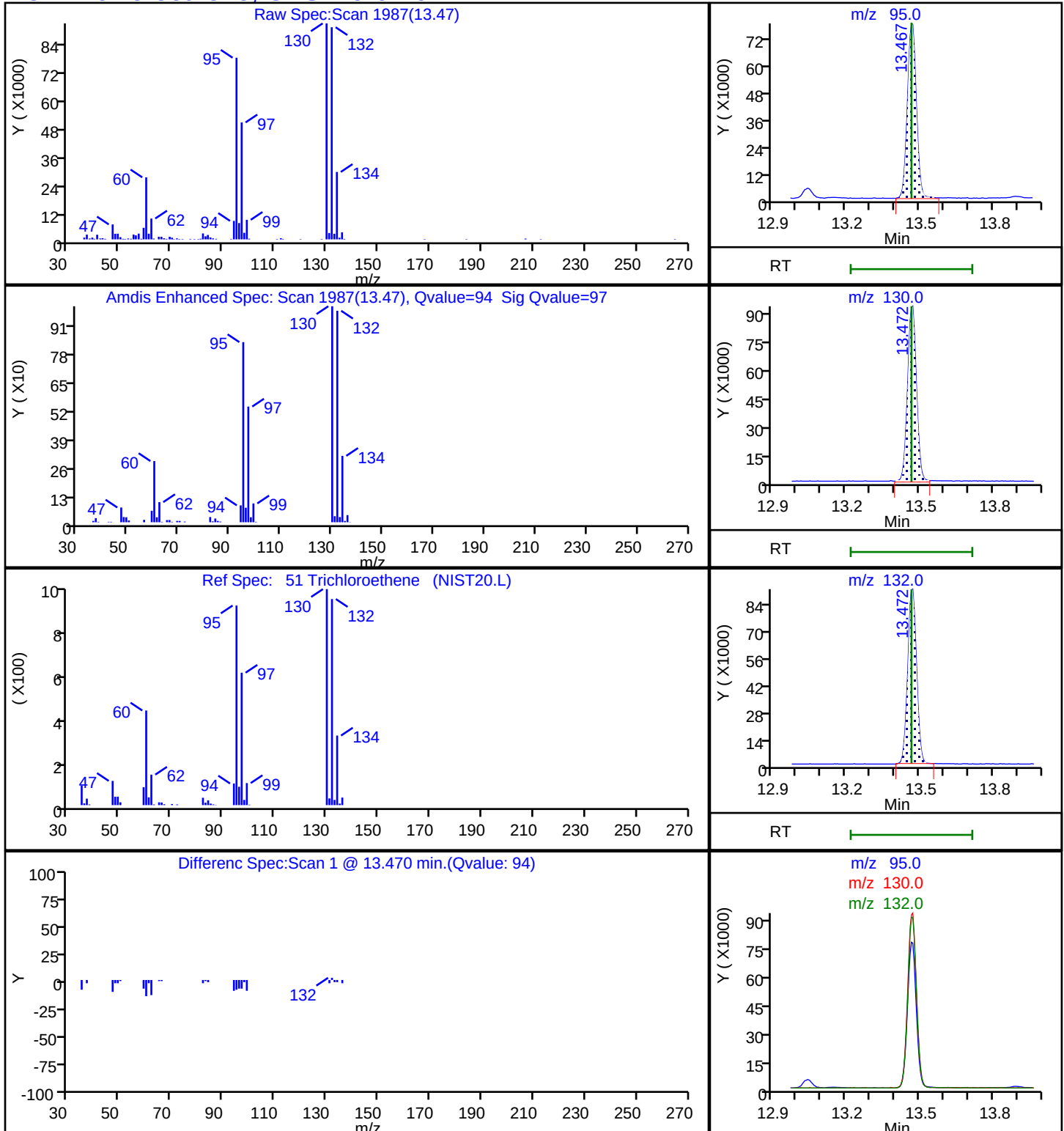
Eurofins Burlington

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Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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

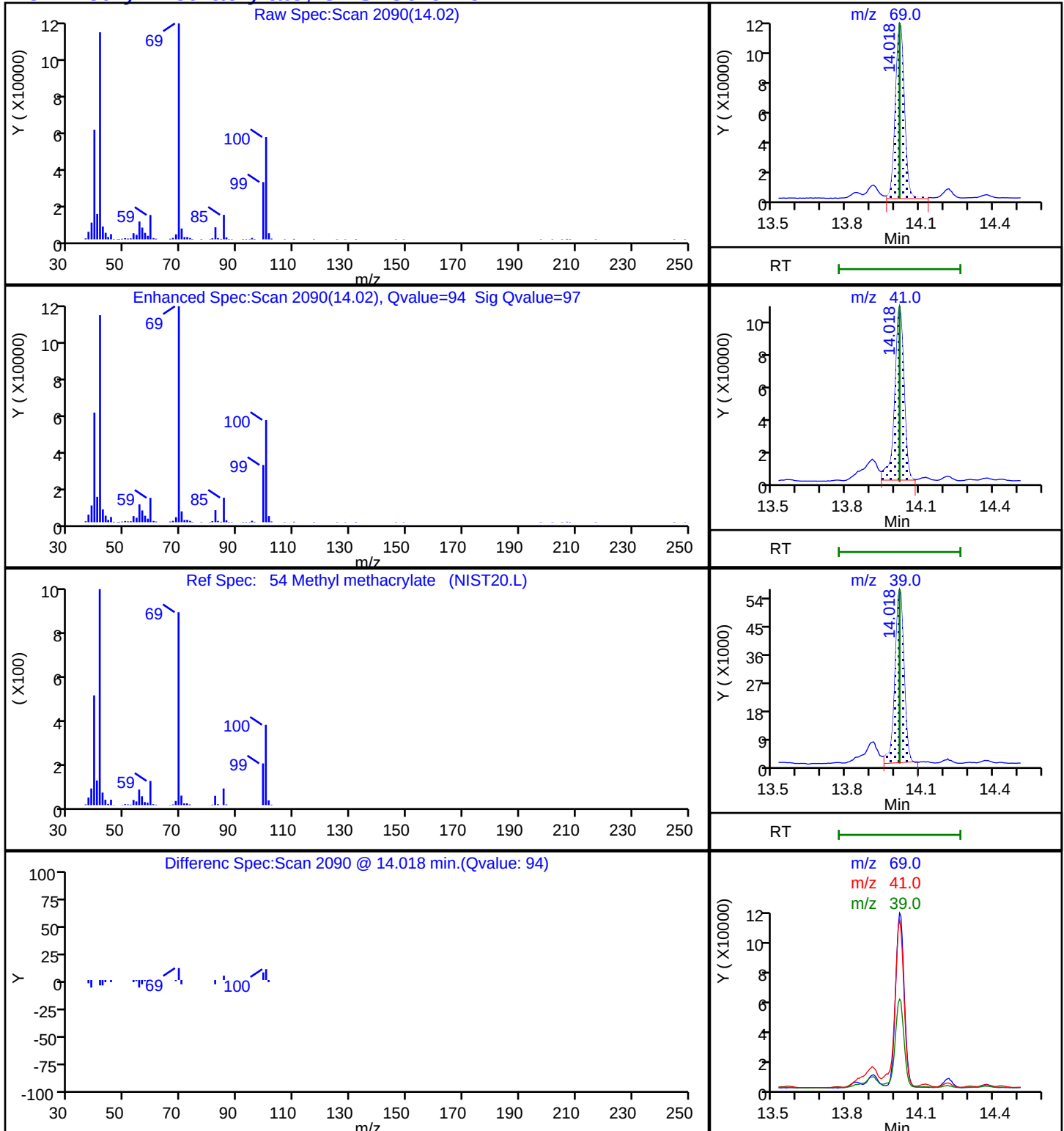
Eurofins Burlington

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Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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

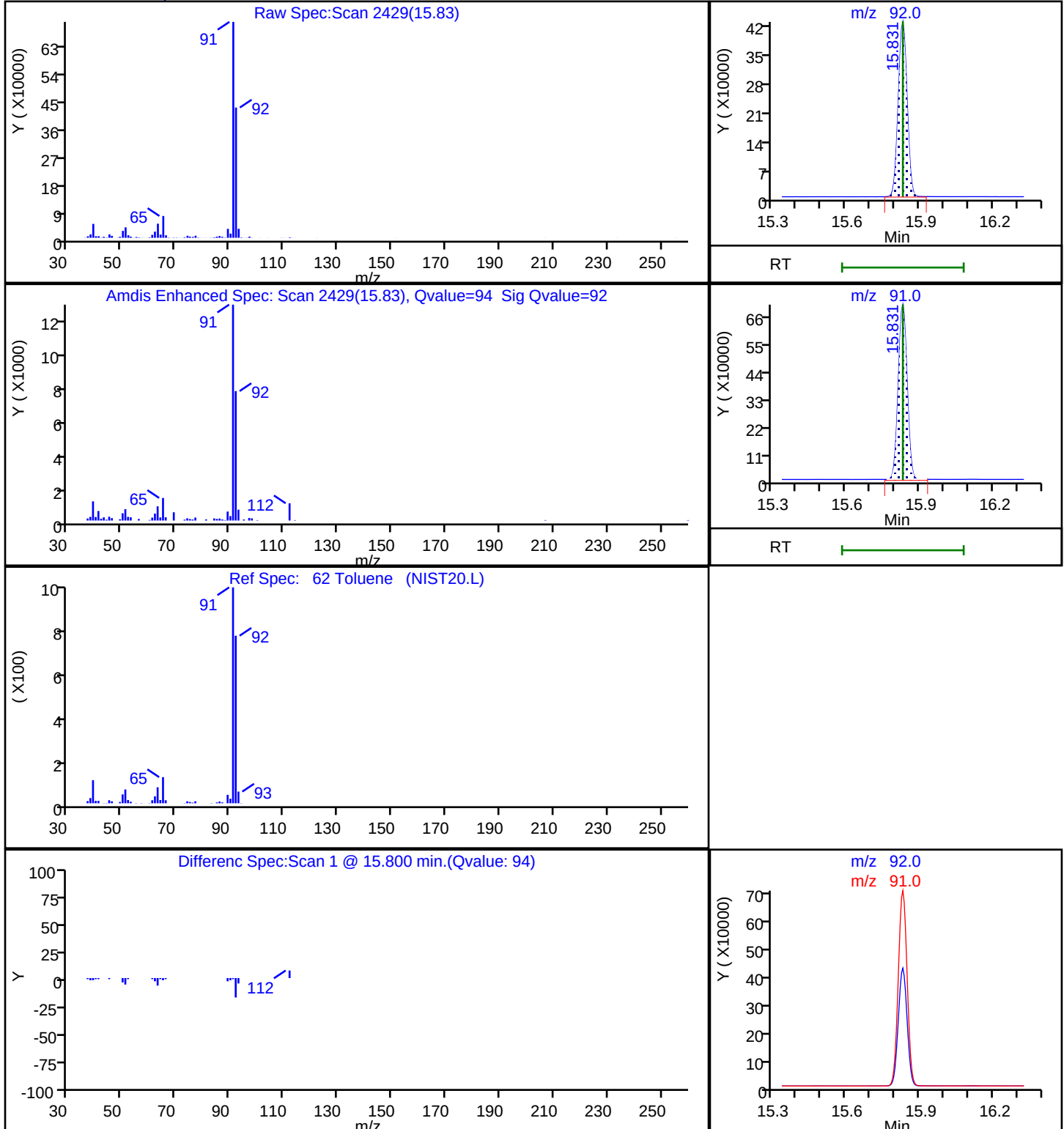
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Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

54 Methyl methacrylate, CAS: 80-62-6

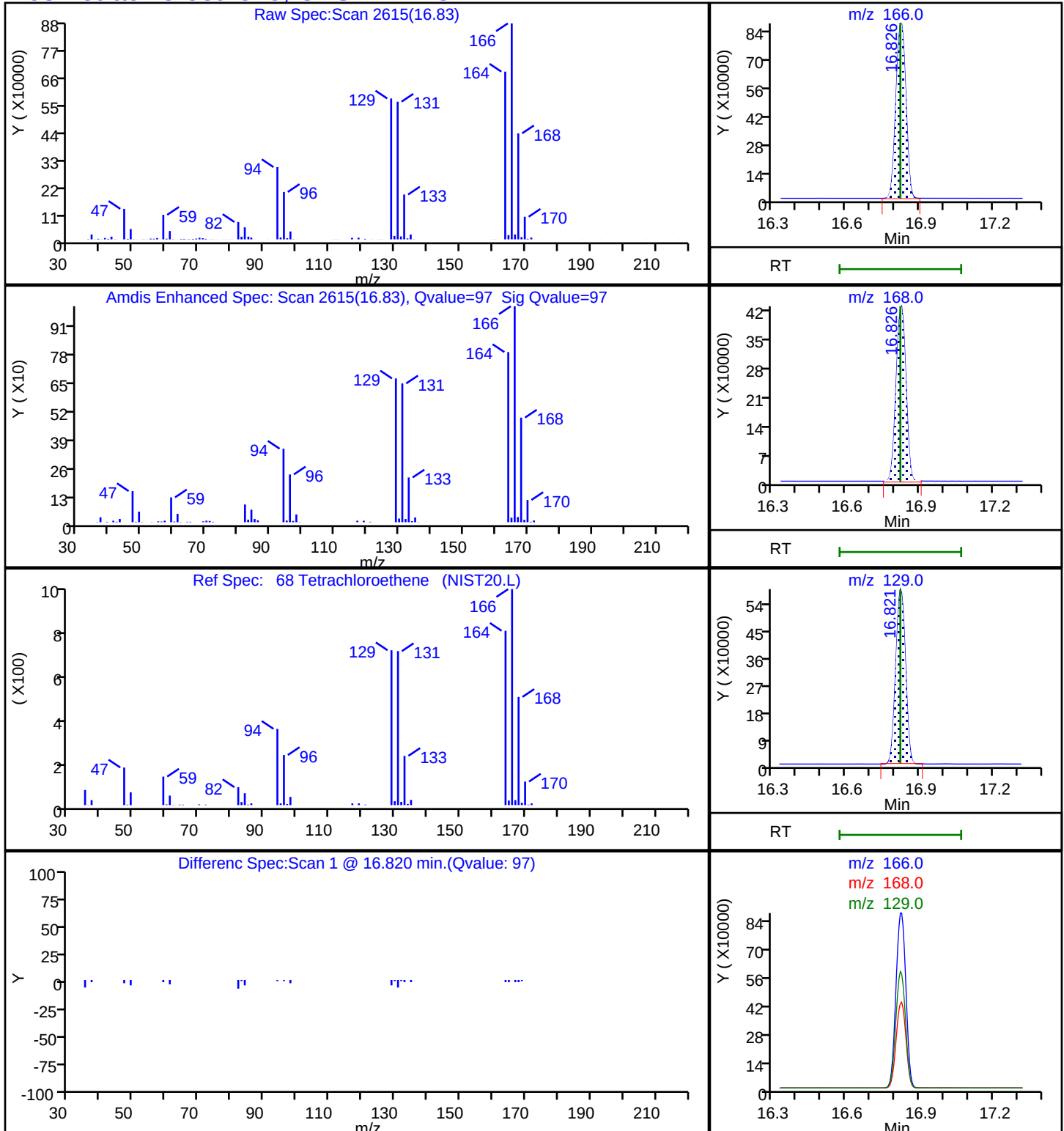
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Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

62 Toluene, CAS: 108-88-3

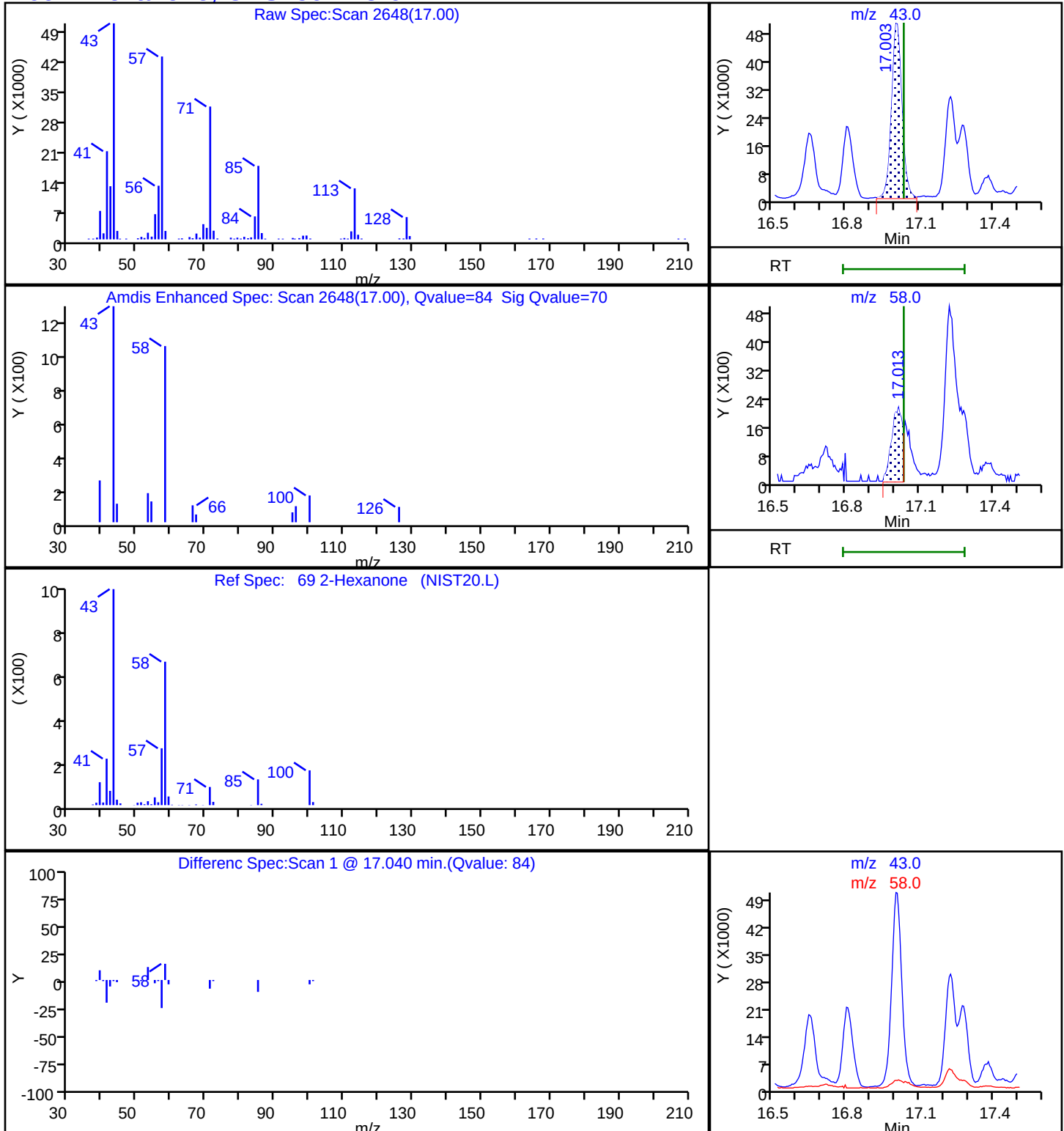
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Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

68 Tetrachloroethene, CAS: 127-18-4

Eurofins Burlington

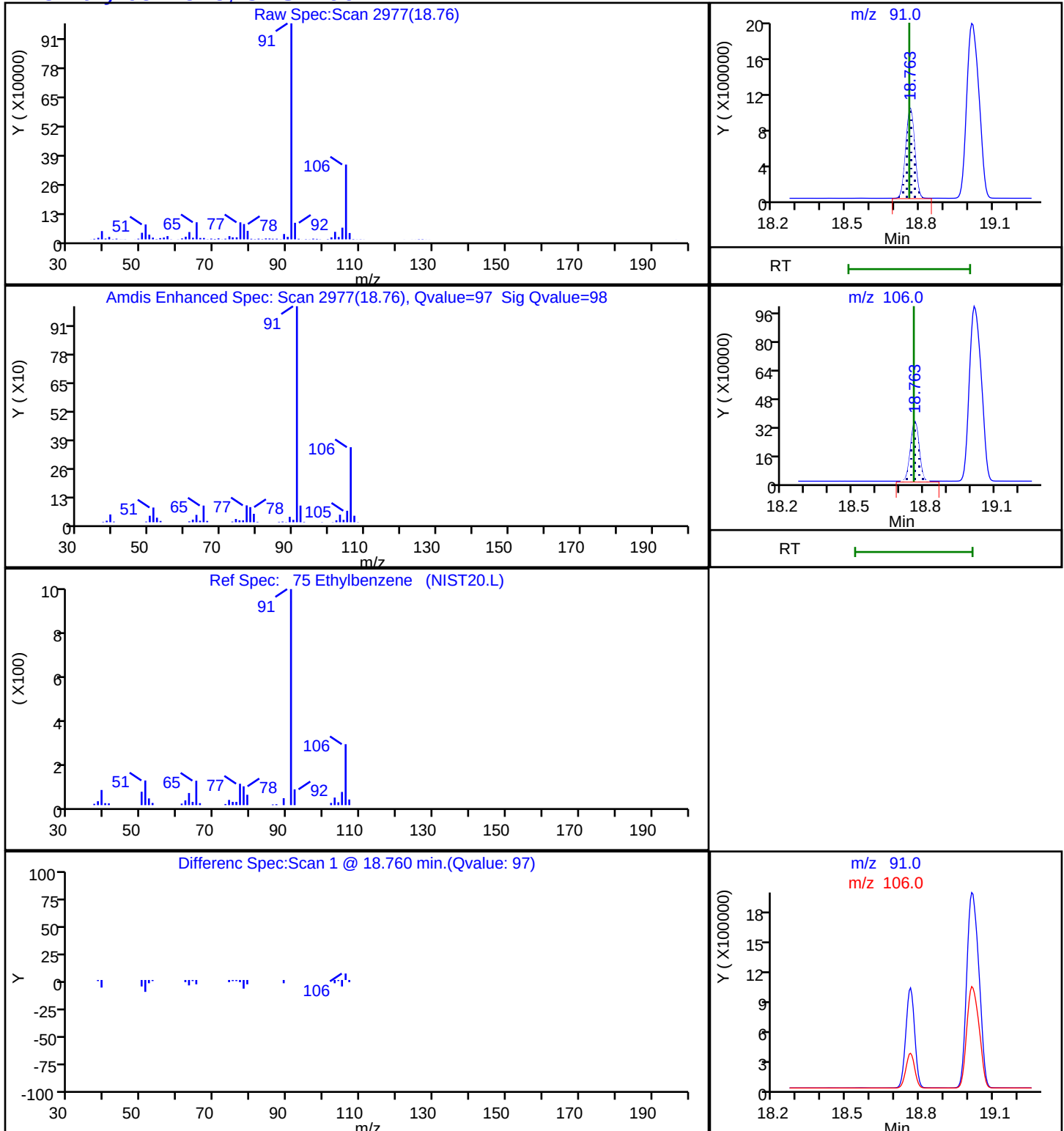
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Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

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

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d

Injection Date: 06-Dec-2022 22:30:30

Instrument ID: CHW.i

Lims ID: 200-65967-A-3

Lab Sample ID: 200-65967-3

Client ID: SV-3

Operator ID: vtp

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 200.000 mL

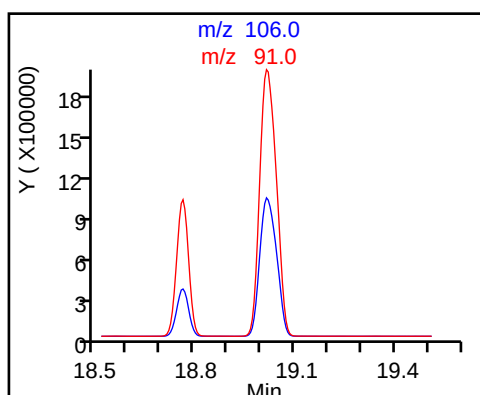
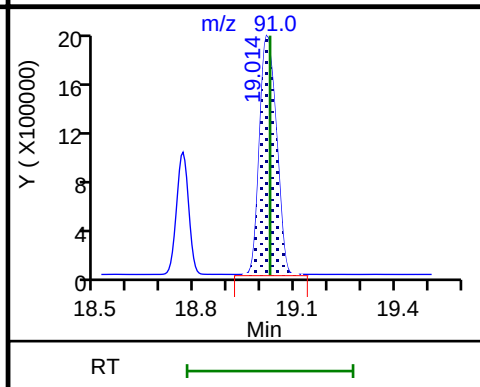
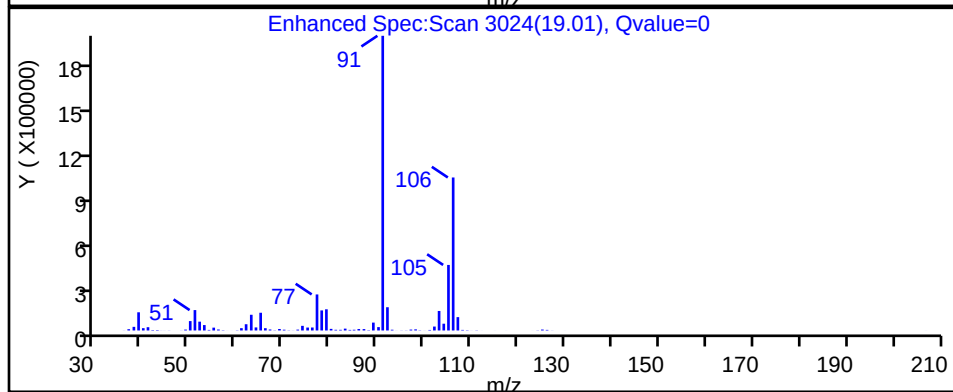
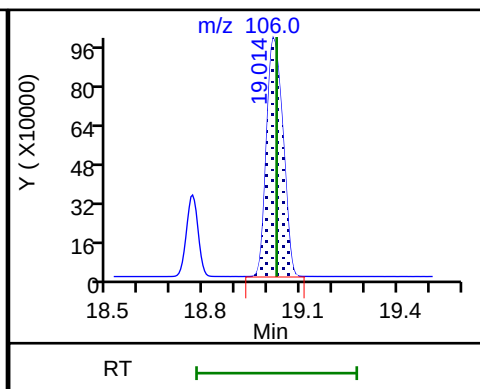
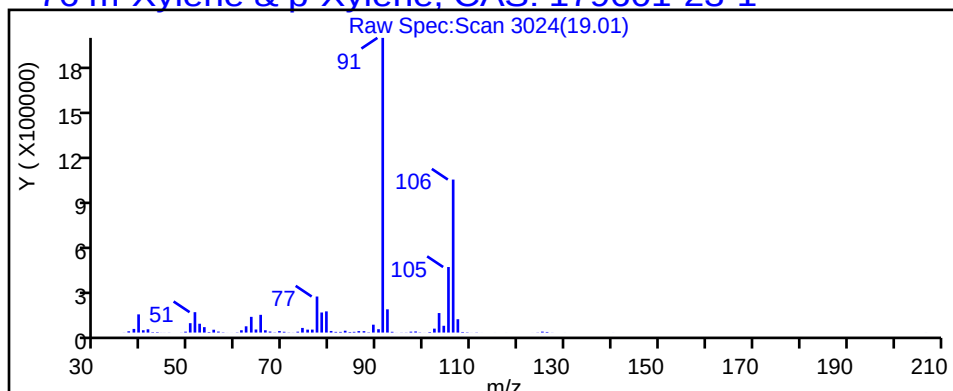
Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

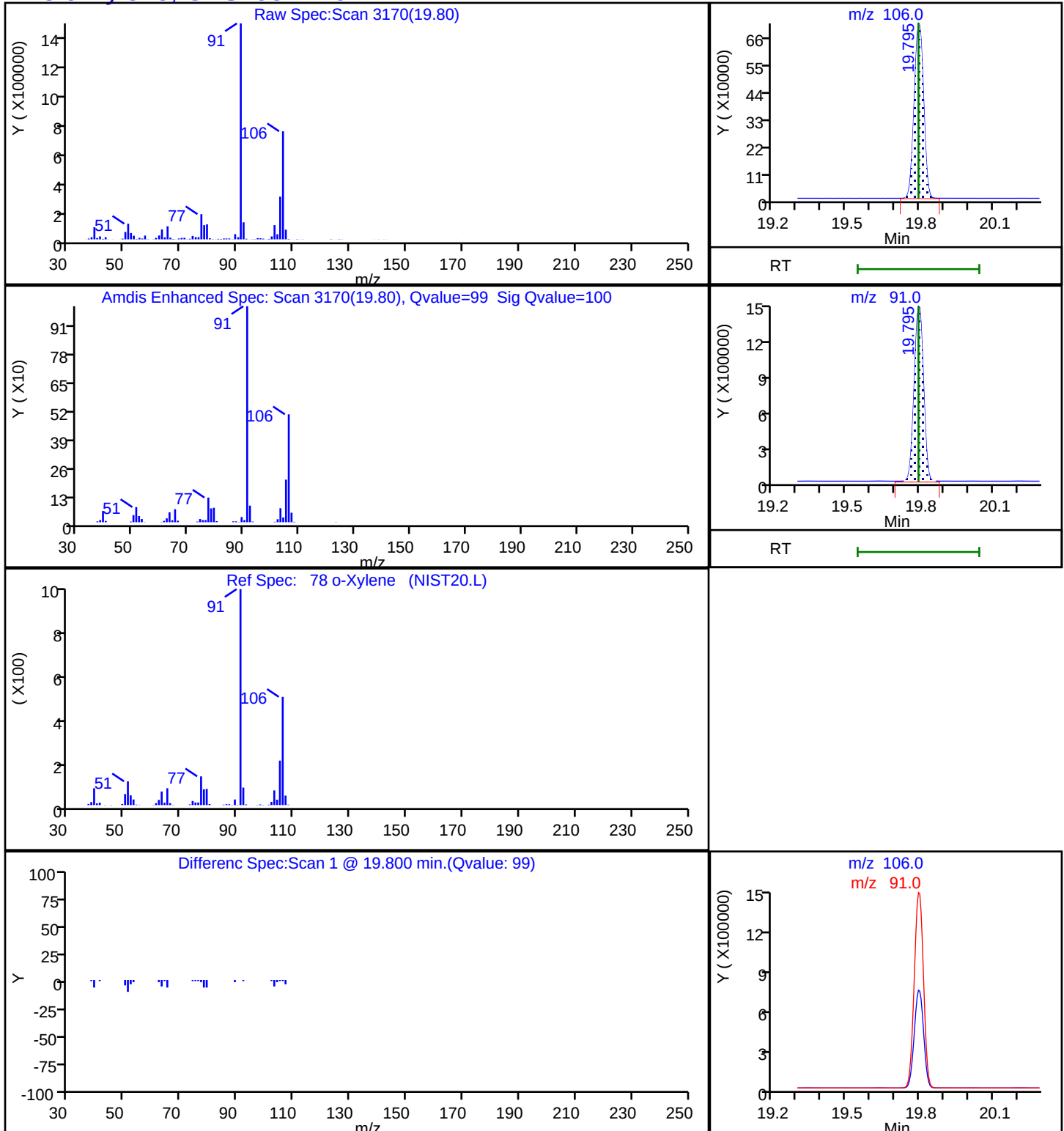
Detector: MS SCAN

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

Eurofins Burlington

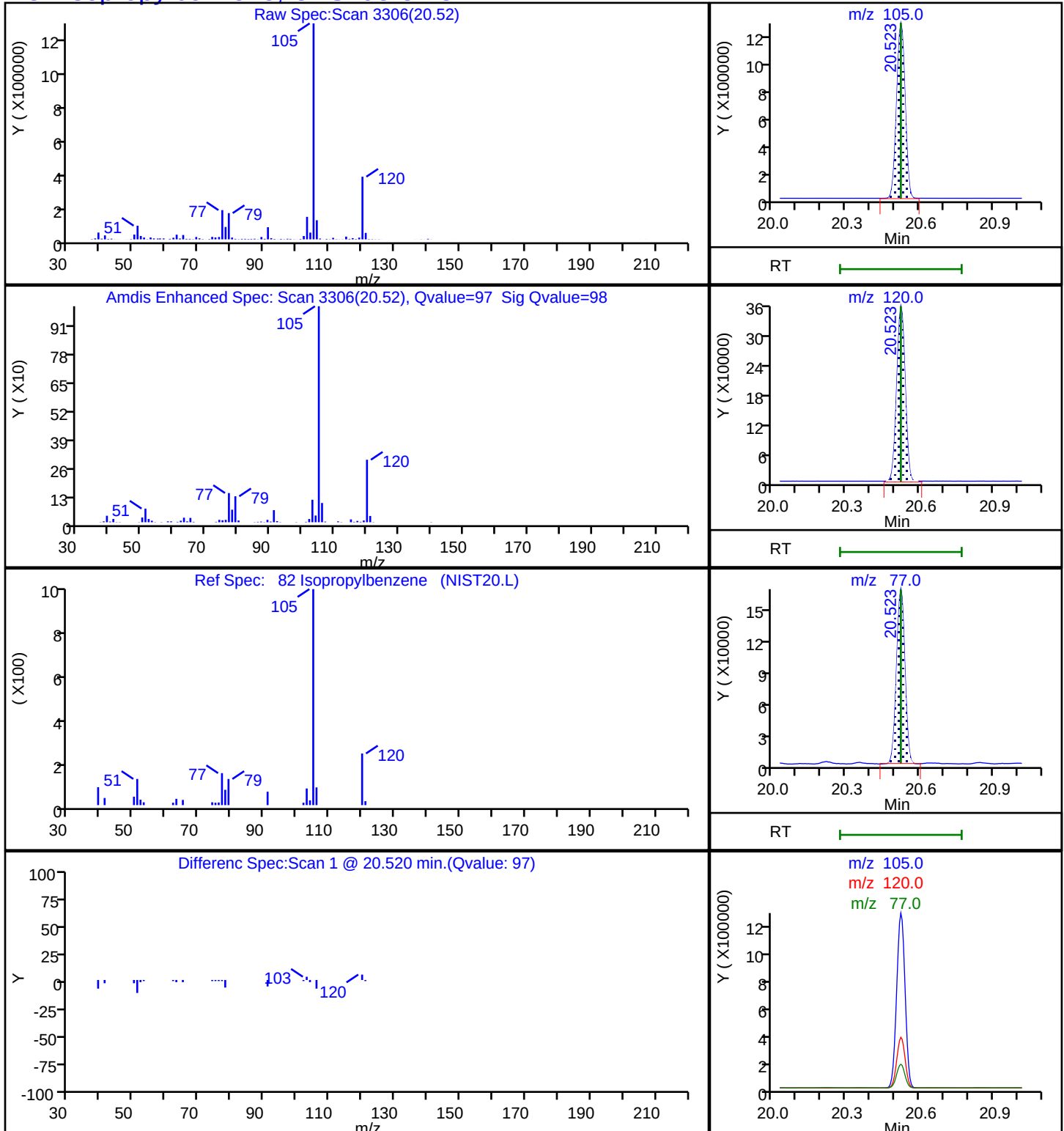
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Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

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



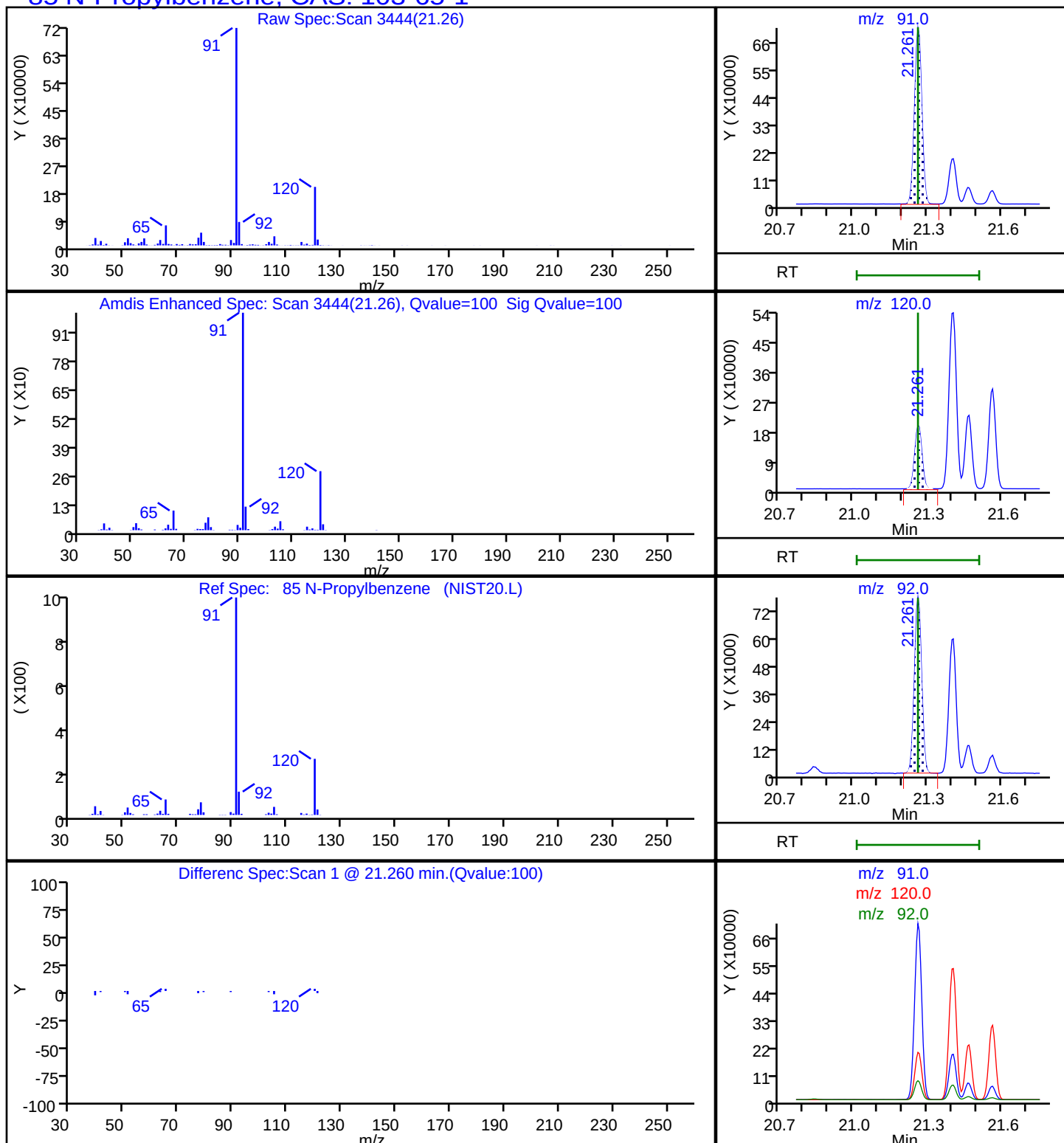
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Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

82 Isopropylbenzene, CAS: 98-82-8

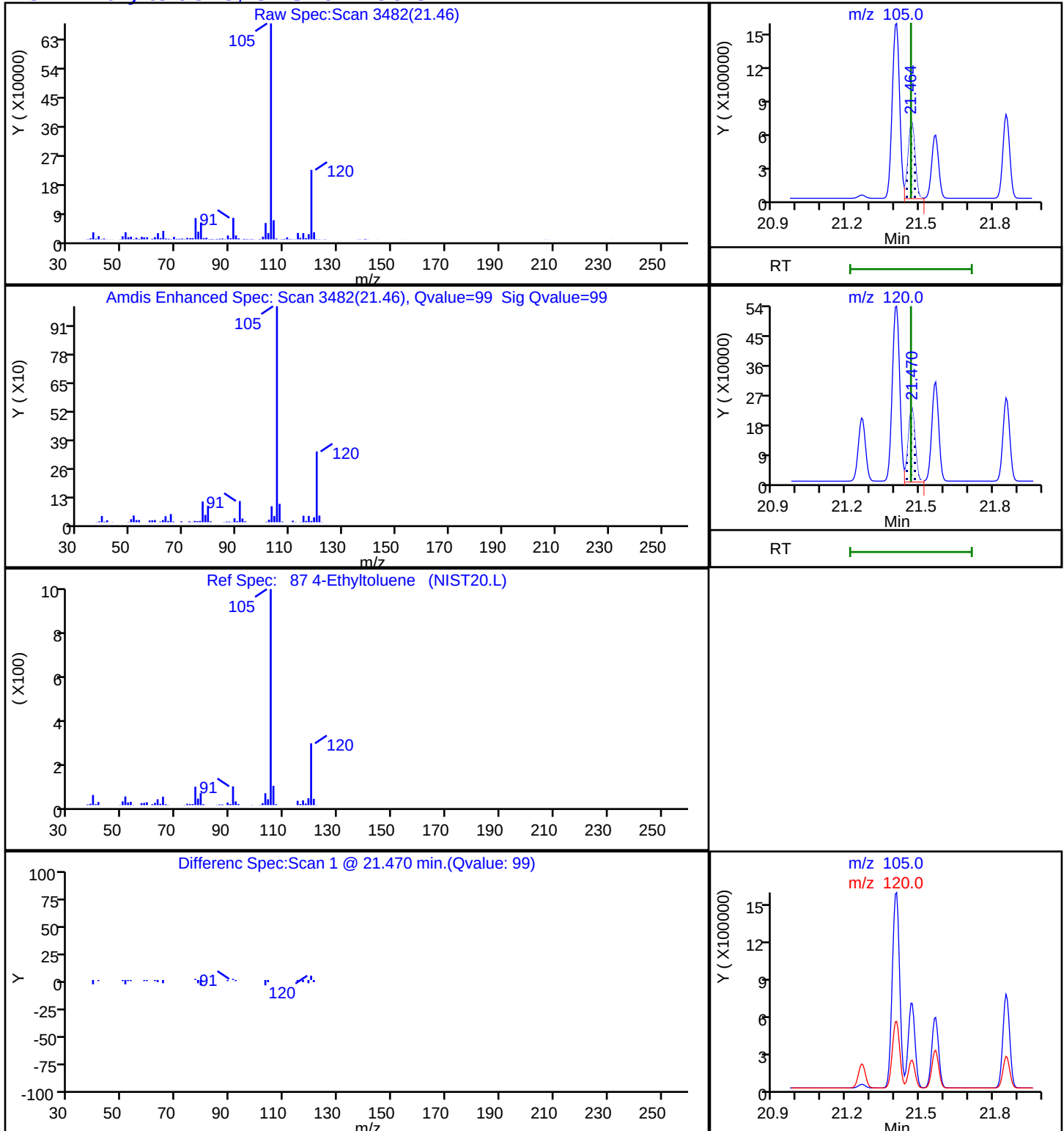
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Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

85 N-Propylbenzene, CAS: 103-65-1

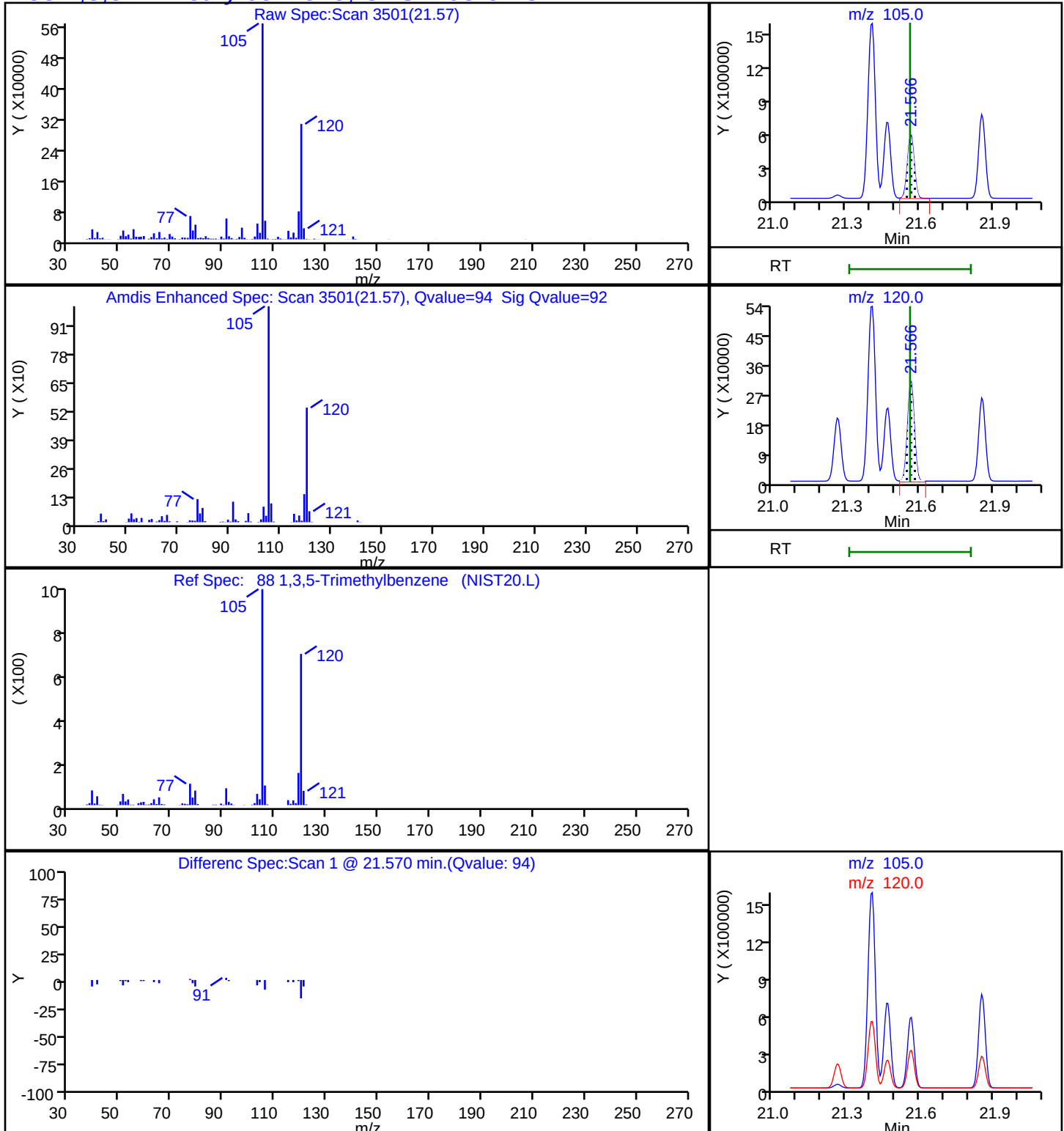
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Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

87 4-Ethyltoluene, CAS: 622-96-8

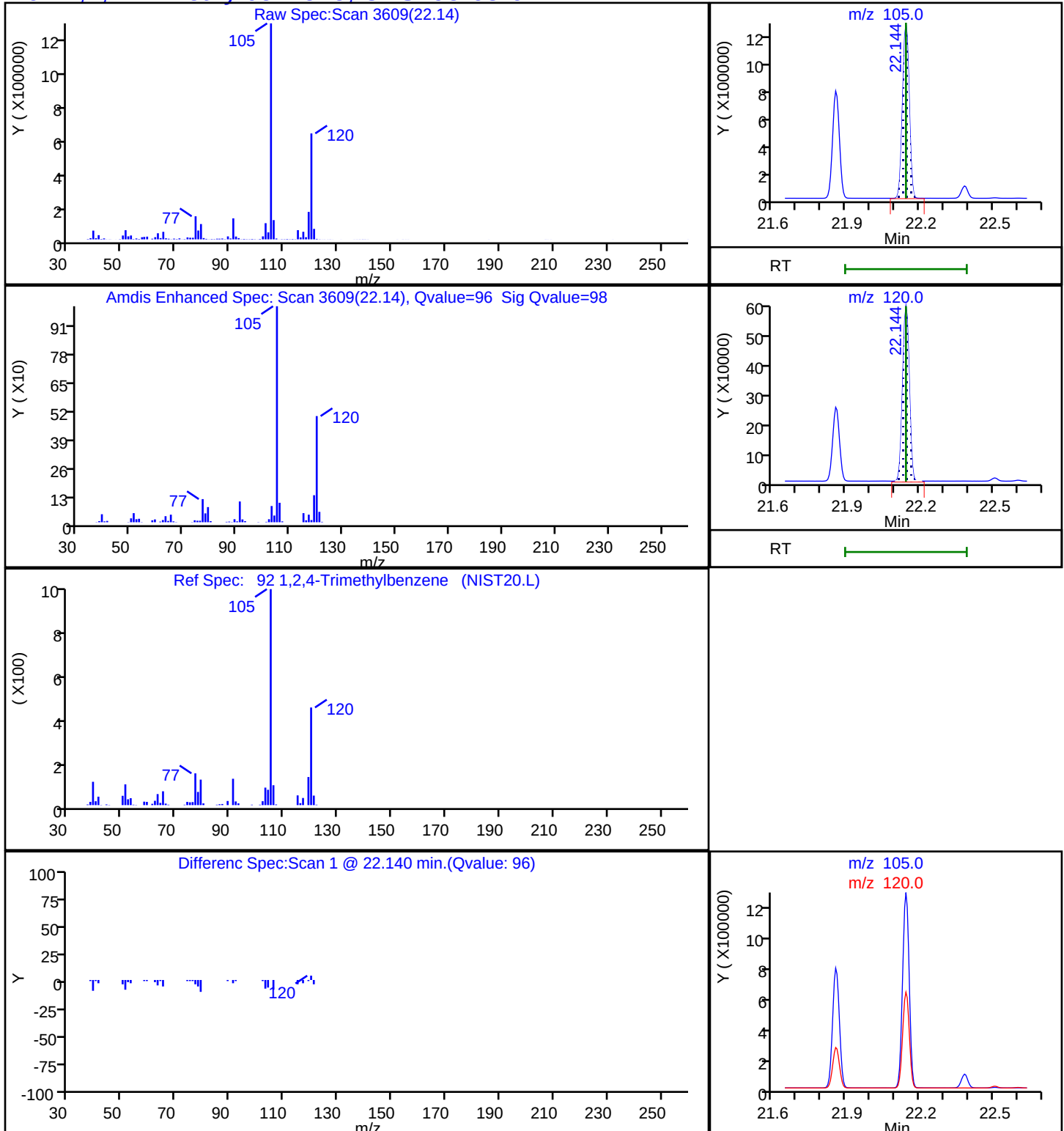
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Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

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

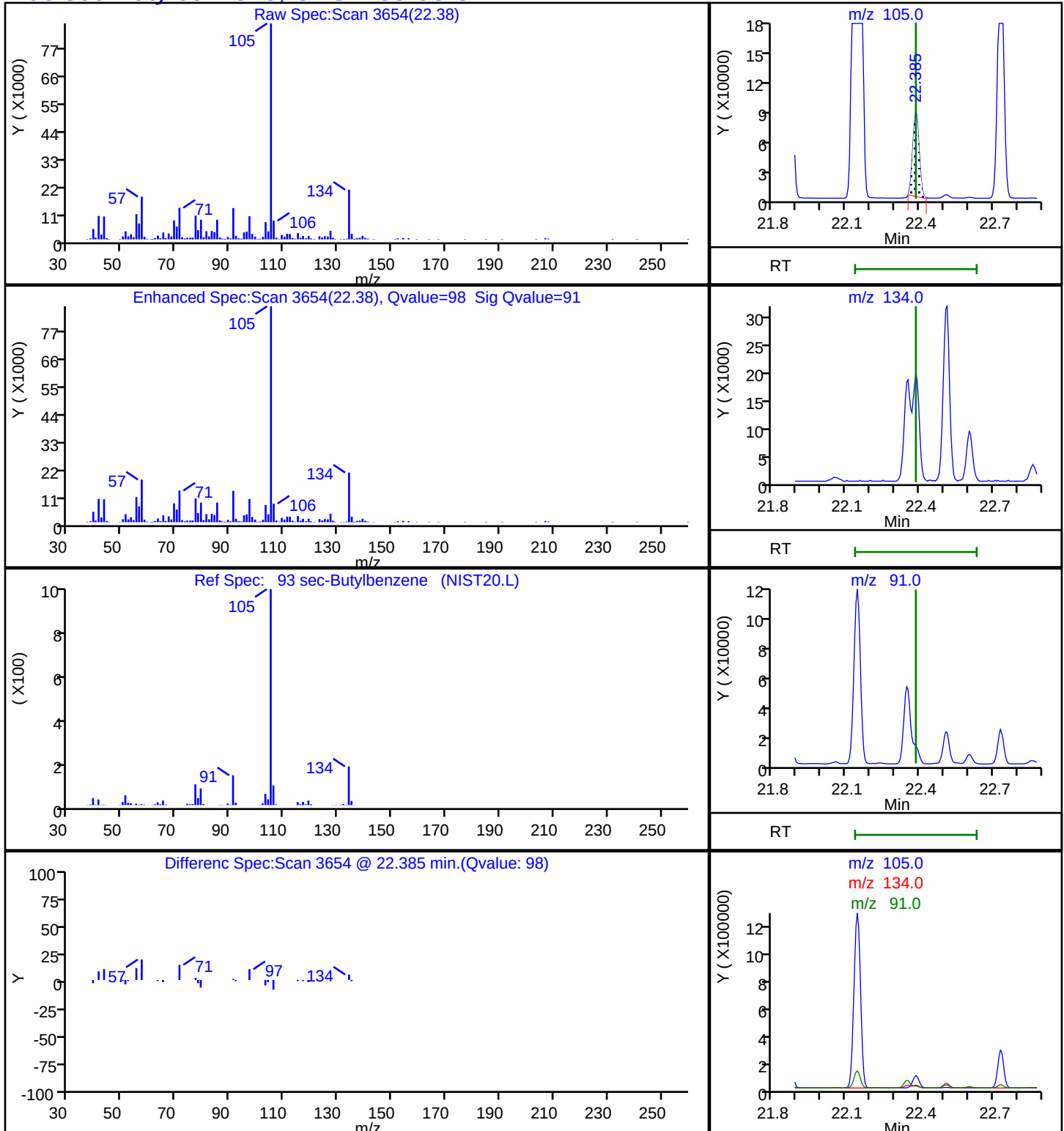
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Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

92 1,2,4-Trimethylbenzene, CAS: 95-63-6

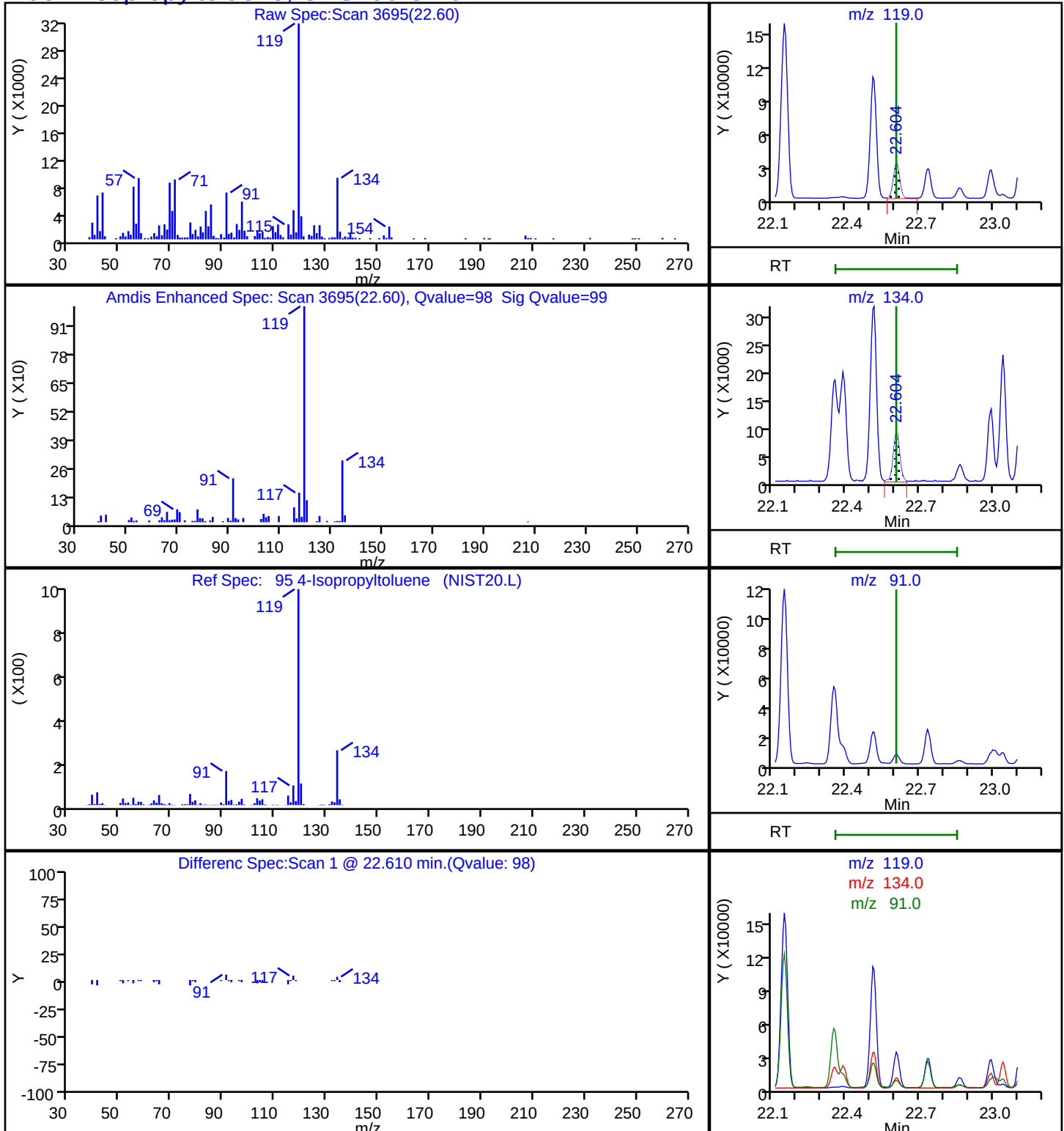
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Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

93 sec-Butylbenzene, CAS: 135-98-8

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d

Injection Date: 06-Dec-2022 22:30:30

Instrument ID: CHW.i

Lims ID: 200-65967-A-3

Lab Sample ID: 200-65967-3

Client ID: SV-3

Operator ID: vtp

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W

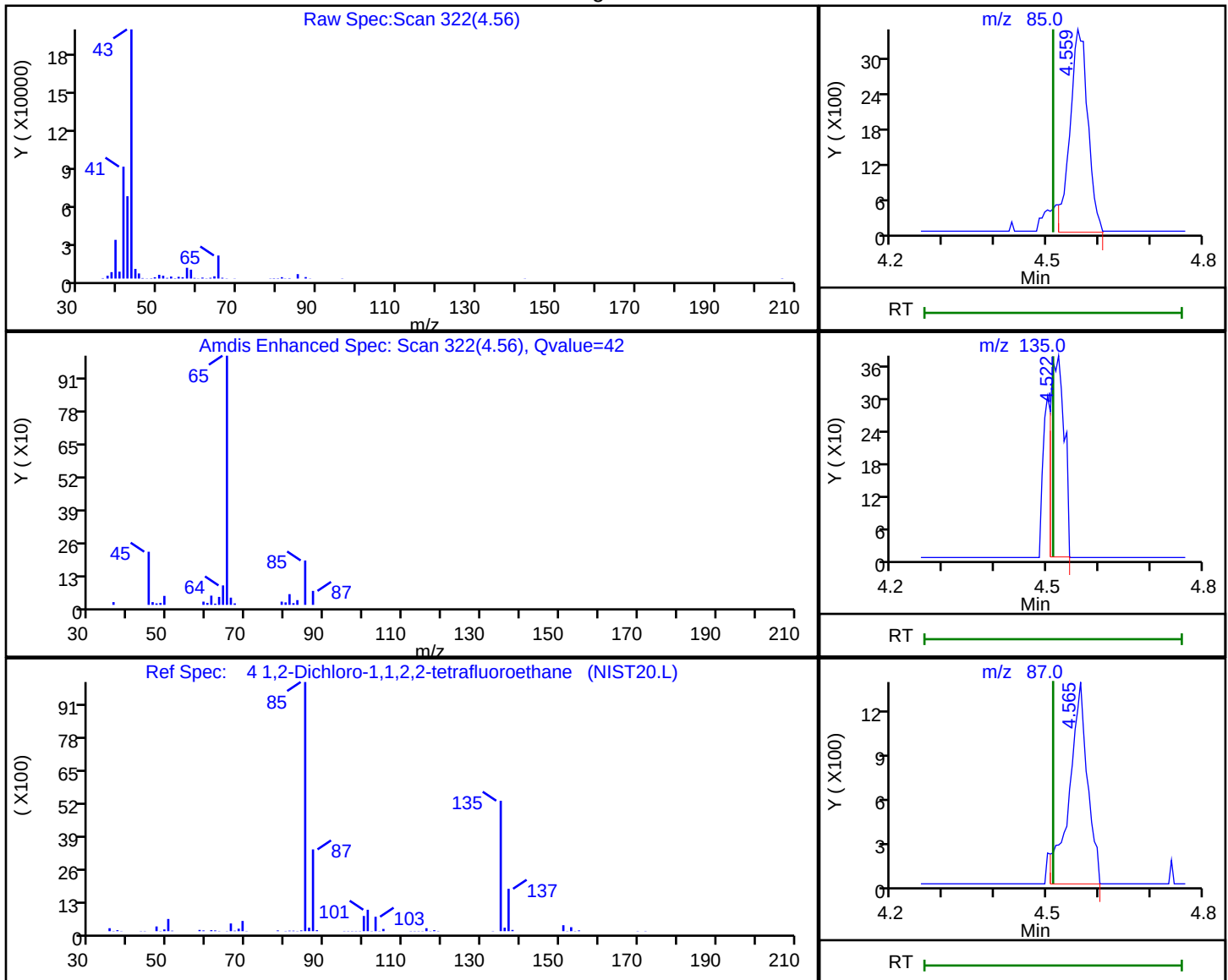
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
4.56	85.00	8232	0.170832
4.52	135.00	687	
4.56	87.00	3200	

Reviewer: BKZ7, 07-Dec-2022 09:17:19

Audit Action: Marked Compound Undetected

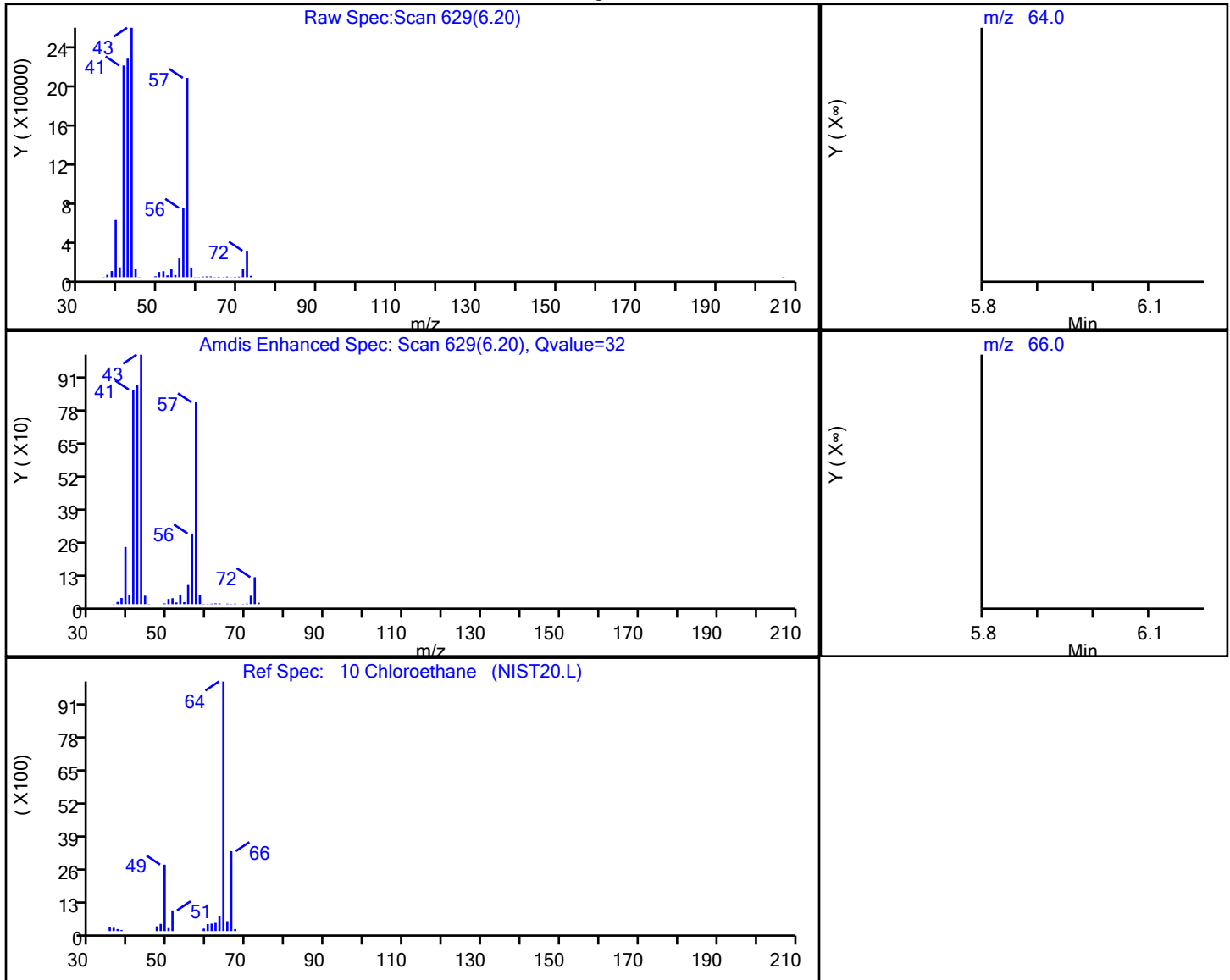
Audit Reason: Invalid Compound ID

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Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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

Processing Results



RT	Mass	Response	Amount
6.20	64.00	354	0.043842
6.22	66.00	633	

Reviewer: BKZ7, 07-Dec-2022 09:18:03

Audit Action: Marked Compound Undetected

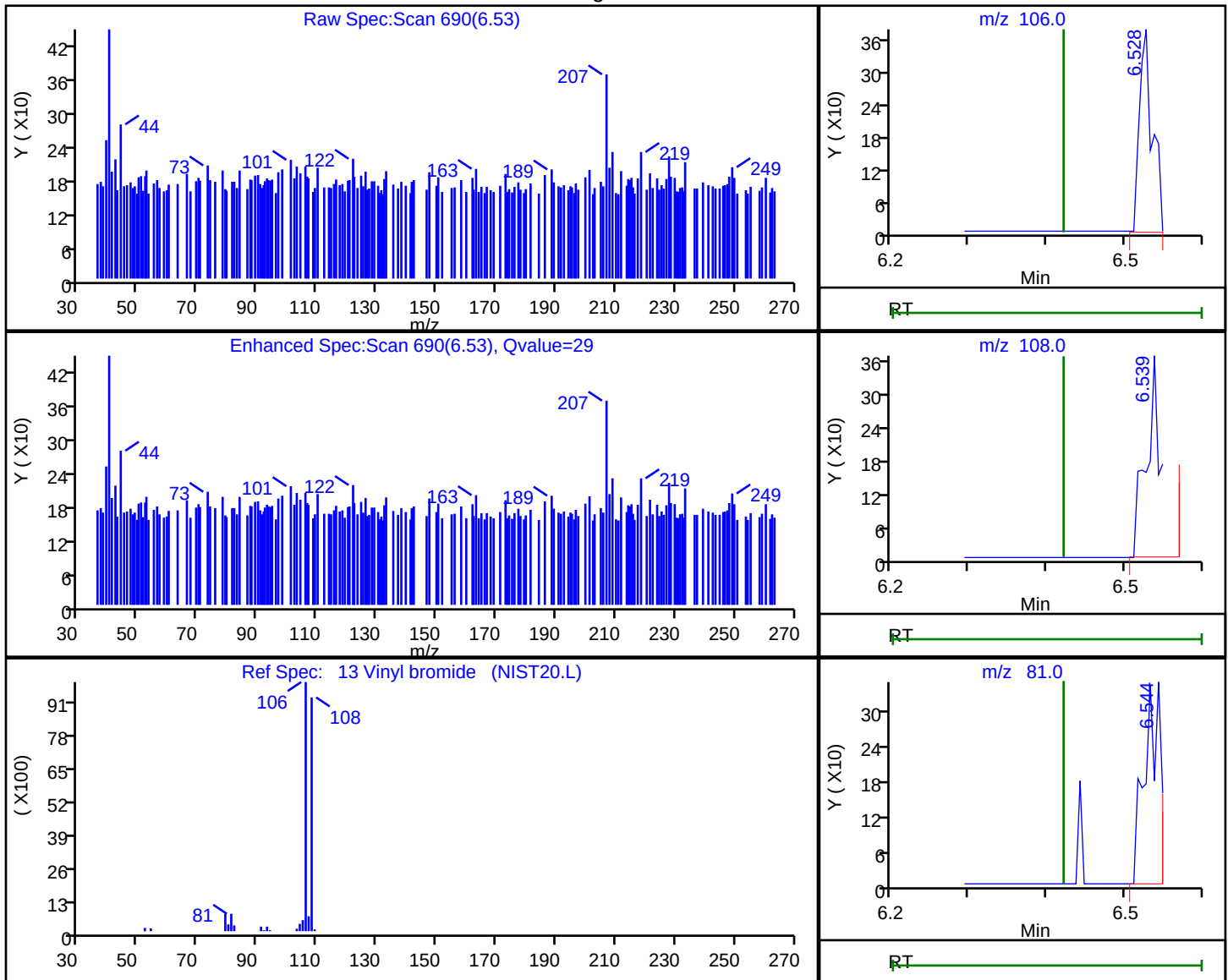
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Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W 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	439	0.024051
6.54	108.00	627	
6.54	81.00	494	

Reviewer: BKZ7, 07-Dec-2022 09:18:06

Audit Action: Marked Compound Undetected

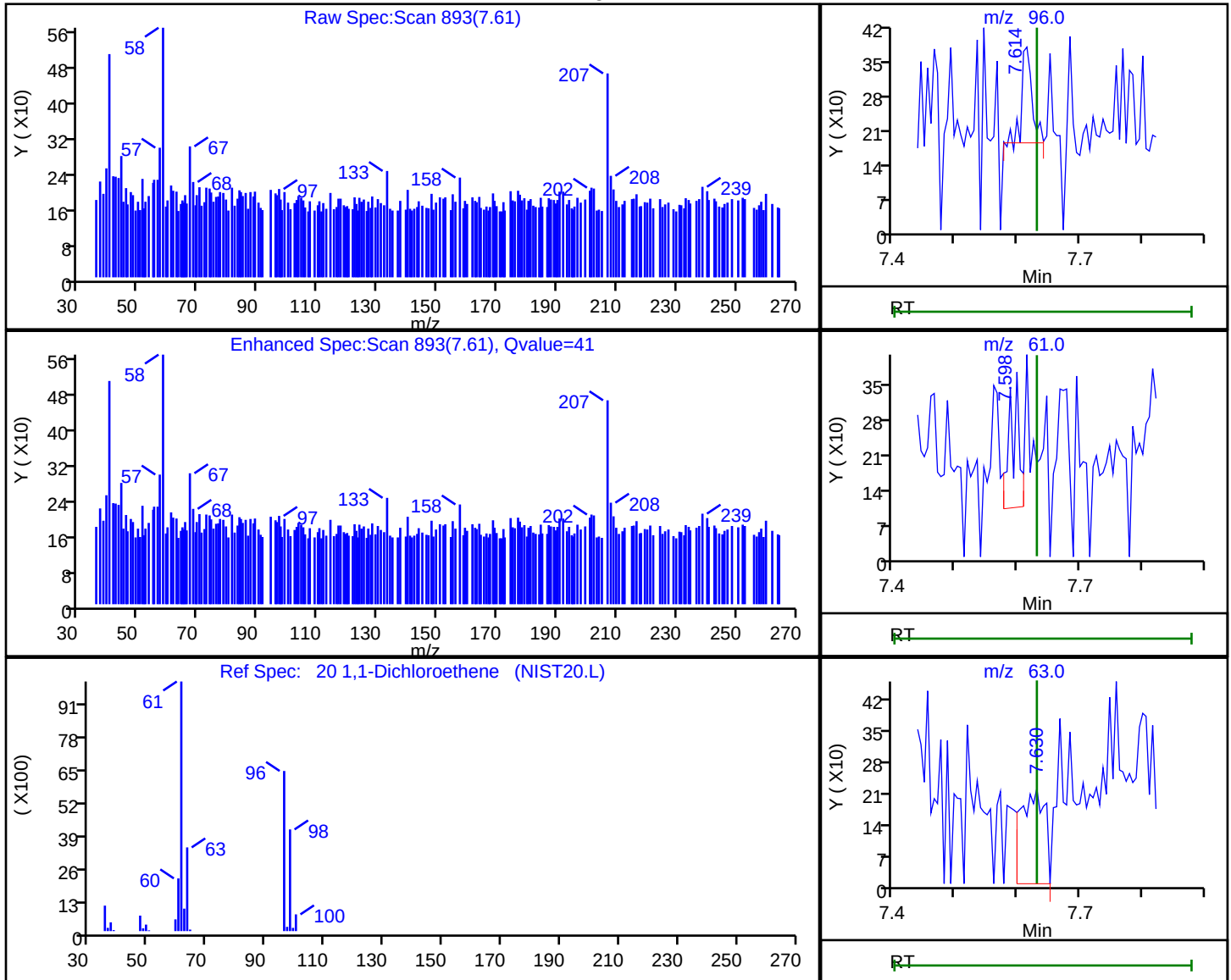
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Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W 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
7.61	96.00	233	0.013674
7.60	61.00	276	
7.63	63.00	563	

Reviewer: BKZ7, 07-Dec-2022 09:18:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

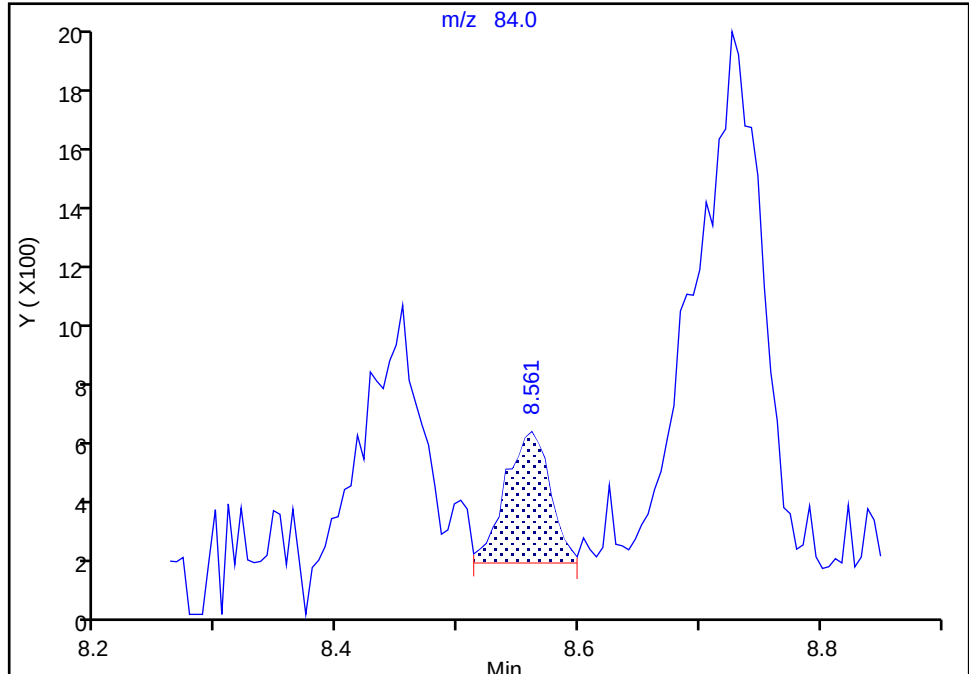
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Injection Date:	06-Dec-2022 22:30:30	Instrument ID:	CHW.i
Lims ID:	200-65967-A-3	Lab Sample ID:	200-65967-3
Client ID:	SV-3		
Operator ID:	vtp	ALS Bottle#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	18

27 Methylene Chloride, CAS: 75-09-2

Signal: 2

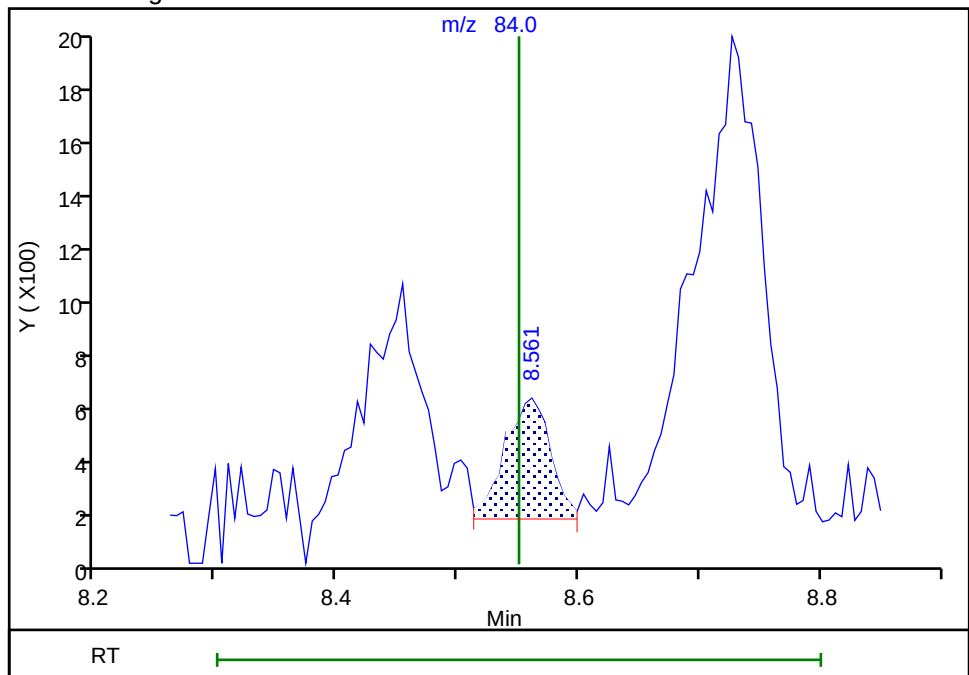
RT: 8.56
Area: 1125
Amount: 0.094294
Amount Units: ppb v/v

Processing Integration Results



RT: 8.56
Area: 1125
Amount: 0.094294
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 07-Dec-2022 09:18:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

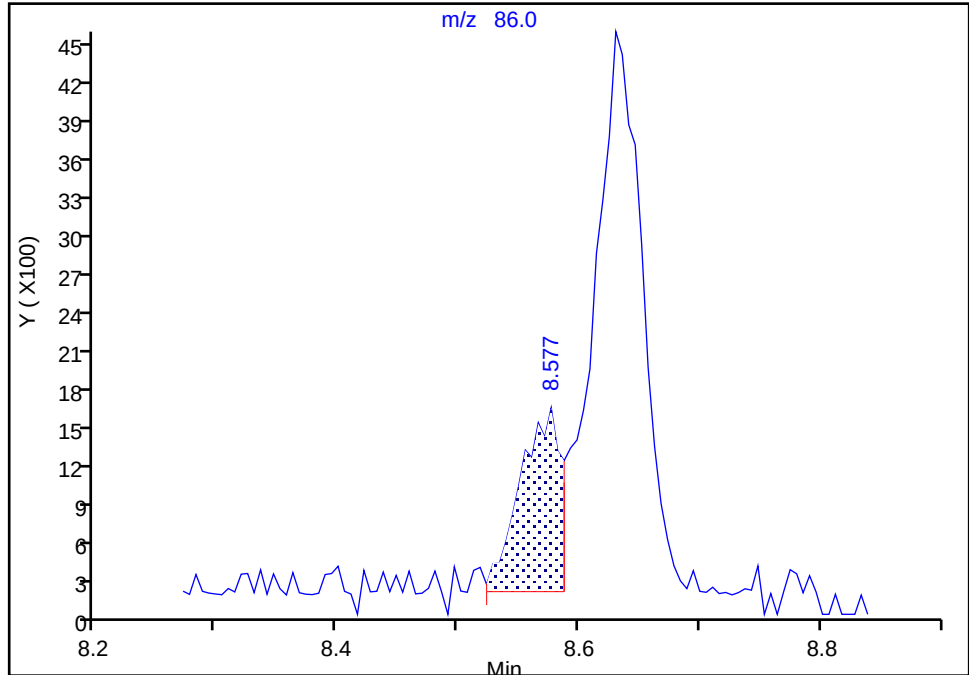
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Injection Date:	06-Dec-2022 22:30:30	Instrument ID:	CHW.i
Lims ID:	200-65967-A-3	Lab Sample ID:	200-65967-3
Client ID:	SV-3		
Operator ID:	vtp	ALS Bottle#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	18

27 Methylene Chloride, CAS: 75-09-2

Signal: 3

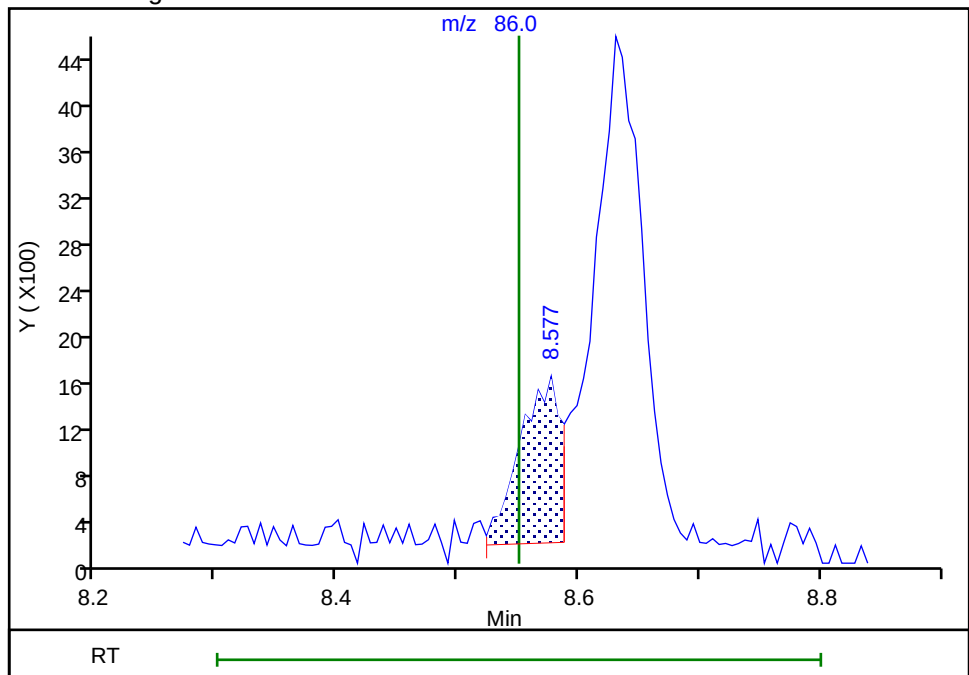
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Area: 3451
Amount: 0.094294
Amount Units: ppb v/v

Processing Integration Results



RT: 8.58
Area: 3451
Amount: 0.094294
Amount Units: ppb v/v

Manual Integration Results

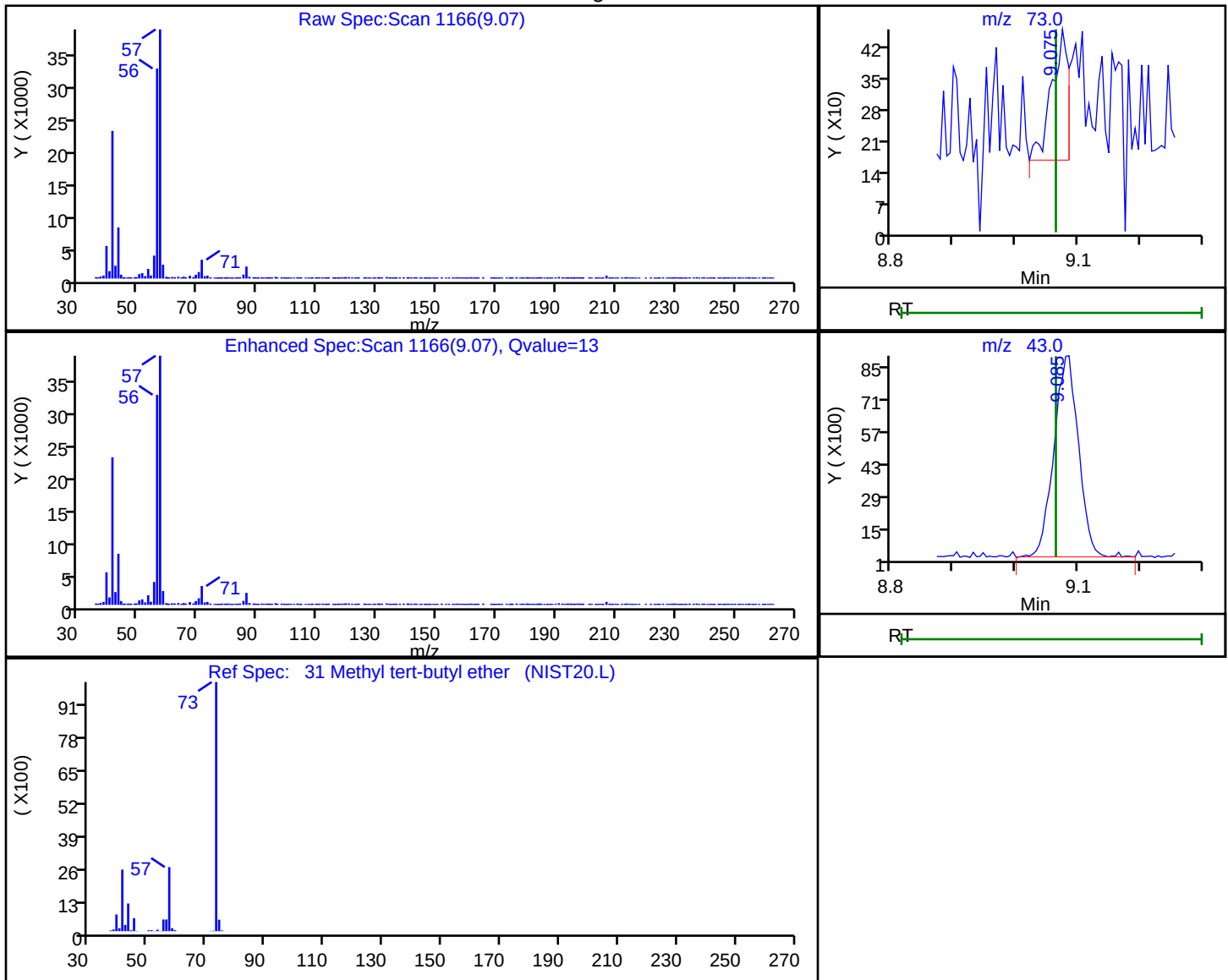


Eurofins Burlington

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Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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
9.07	73.00	553	0.017581
9.09	43.00	24575	

Reviewer: BKZ7, 07-Dec-2022 09:18:26

Audit Action: Marked Compound Undetected

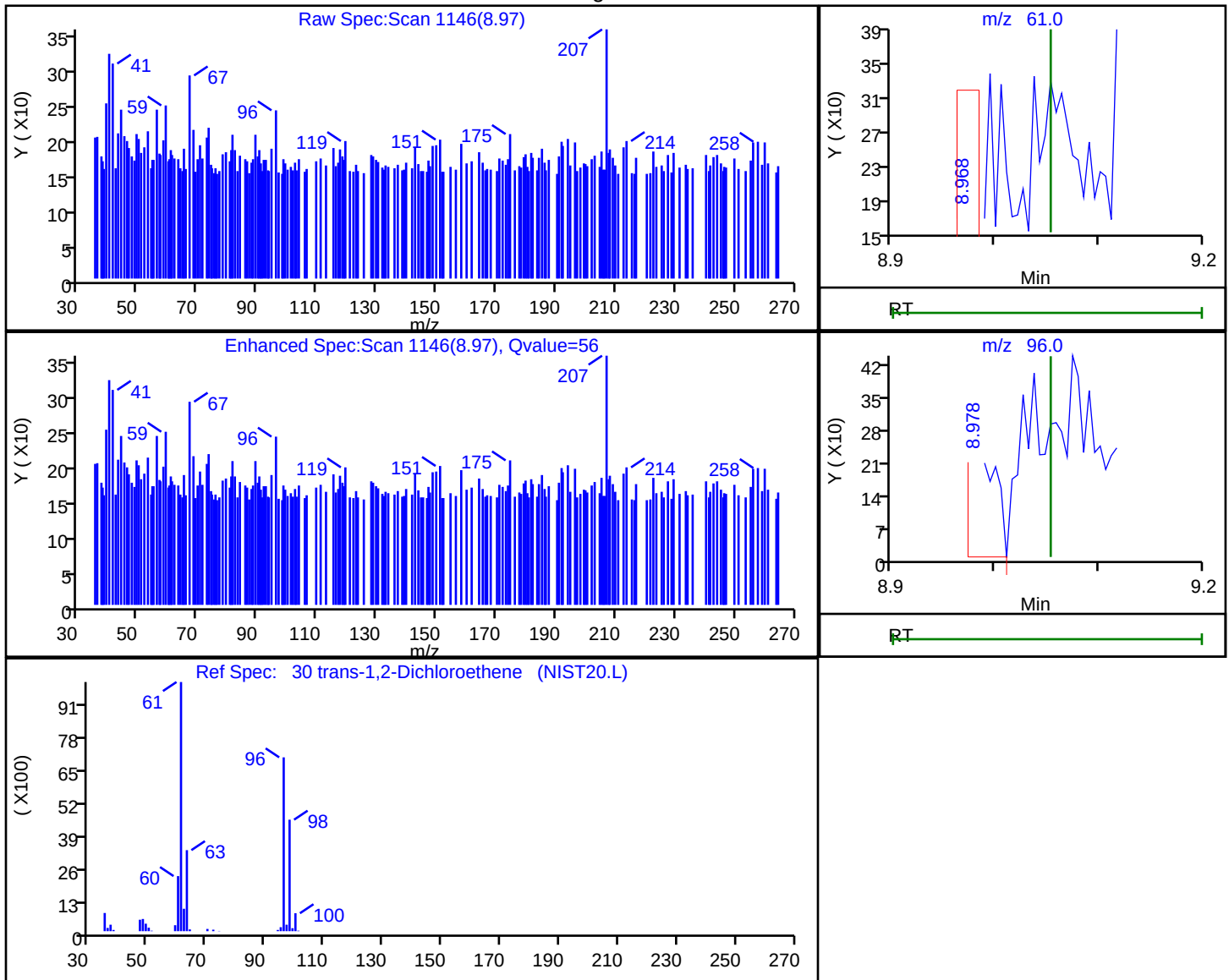
Audit Reason: Invalid Compound ID

Eurofins Burlington

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Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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
8.97	61.00	339	0.022616
8.98	96.00	470	

Reviewer: BKZ7, 07-Dec-2022 09:18:24

Audit Action: Marked Compound Undetected

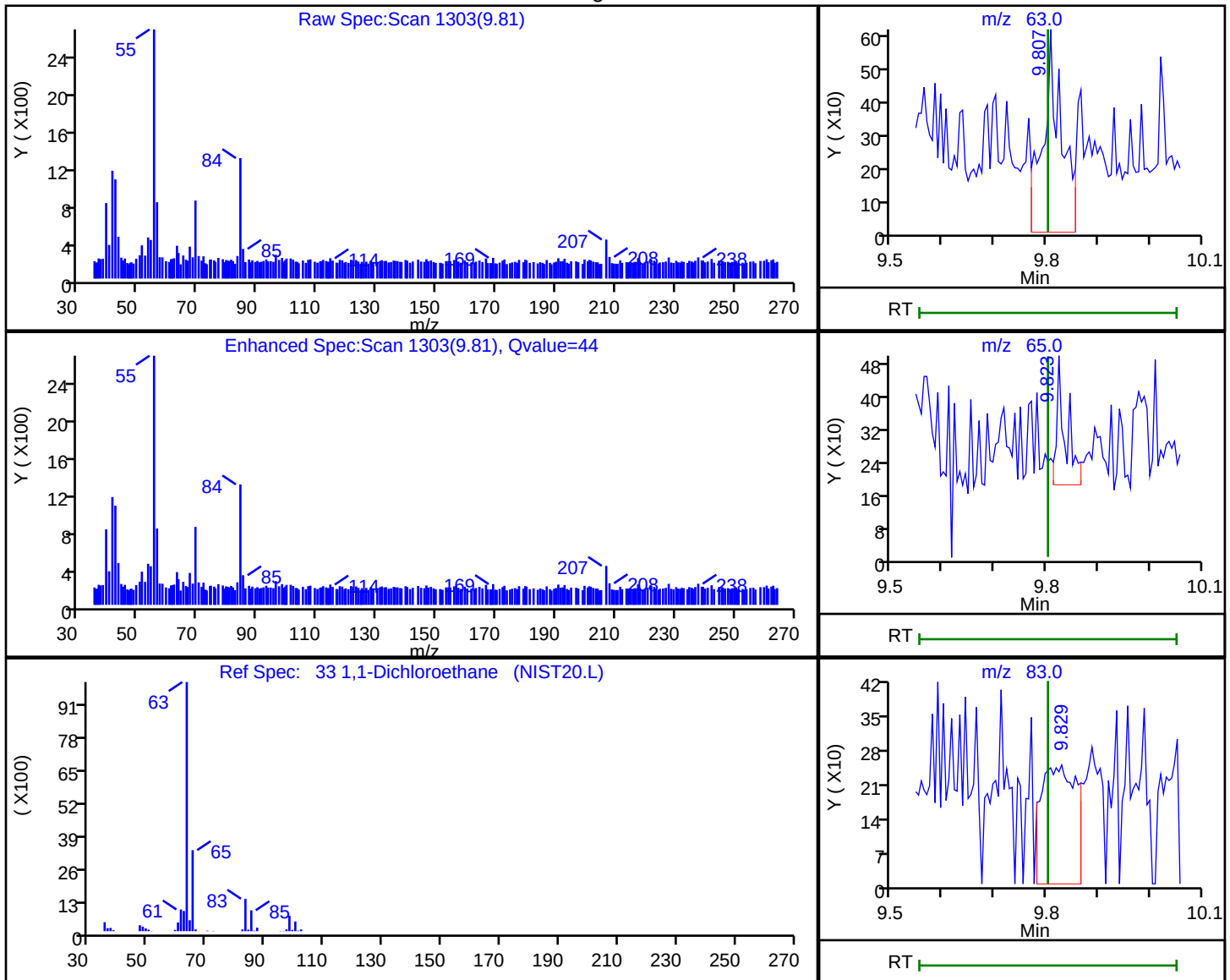
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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

Processing Results



RT	Mass	Response	Amount
9.81	63.00	1541	0.086925
9.82	65.00	391	
9.83	83.00	1169	

Reviewer: BKZ7, 07-Dec-2022 09:18:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d

Injection Date: 06-Dec-2022 22:30:30

Instrument ID: CHW.i

Lims ID: 200-65967-A-3

Lab Sample ID: 200-65967-3

Client ID: SV-3

Operator ID: vtp

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W

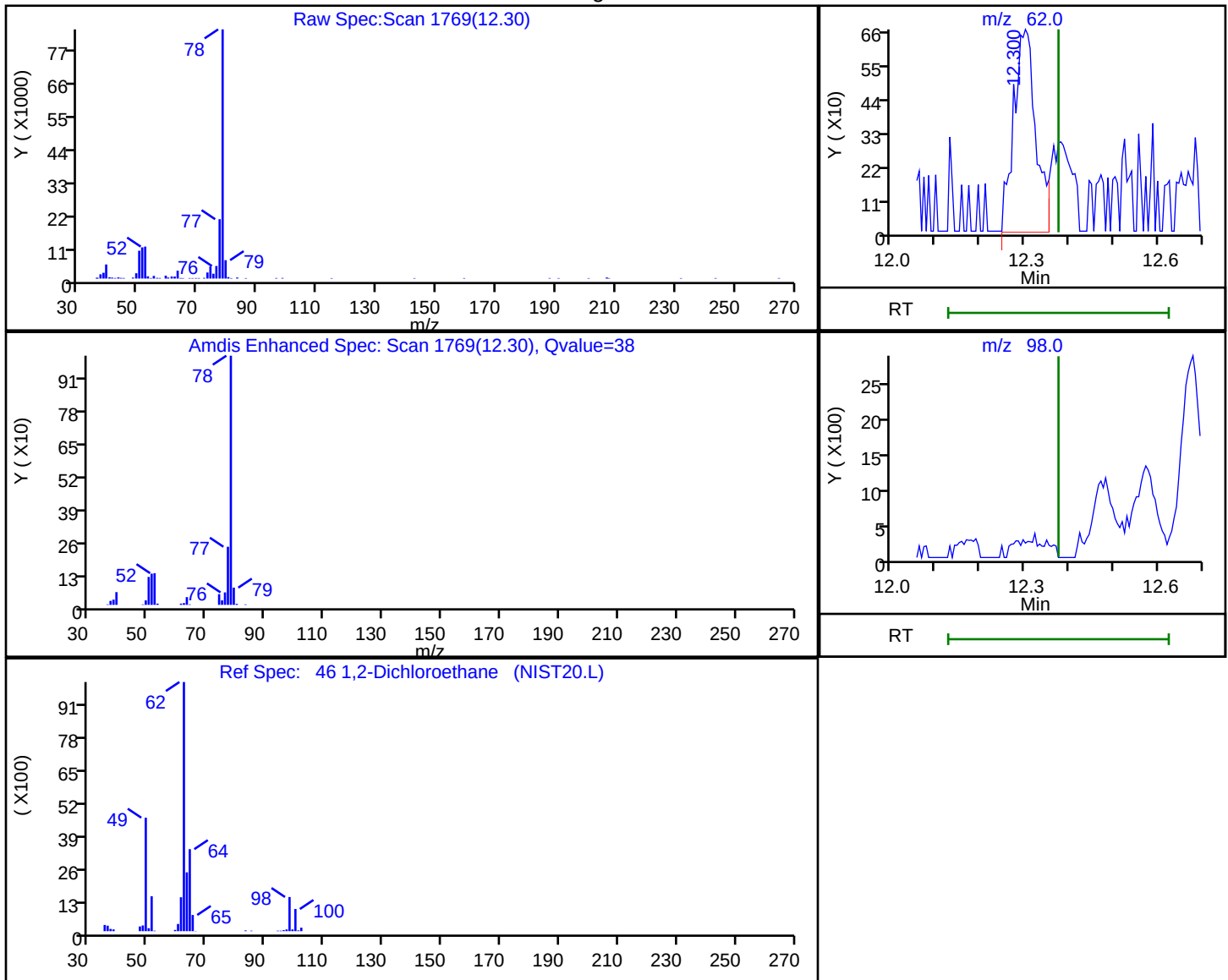
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

46 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
12.30	62.00	2308	0.155954
12.38	98.00	0	

Reviewer: BKZ7, 07-Dec-2022 09:18:43

Audit Action: Marked Compound Undetected

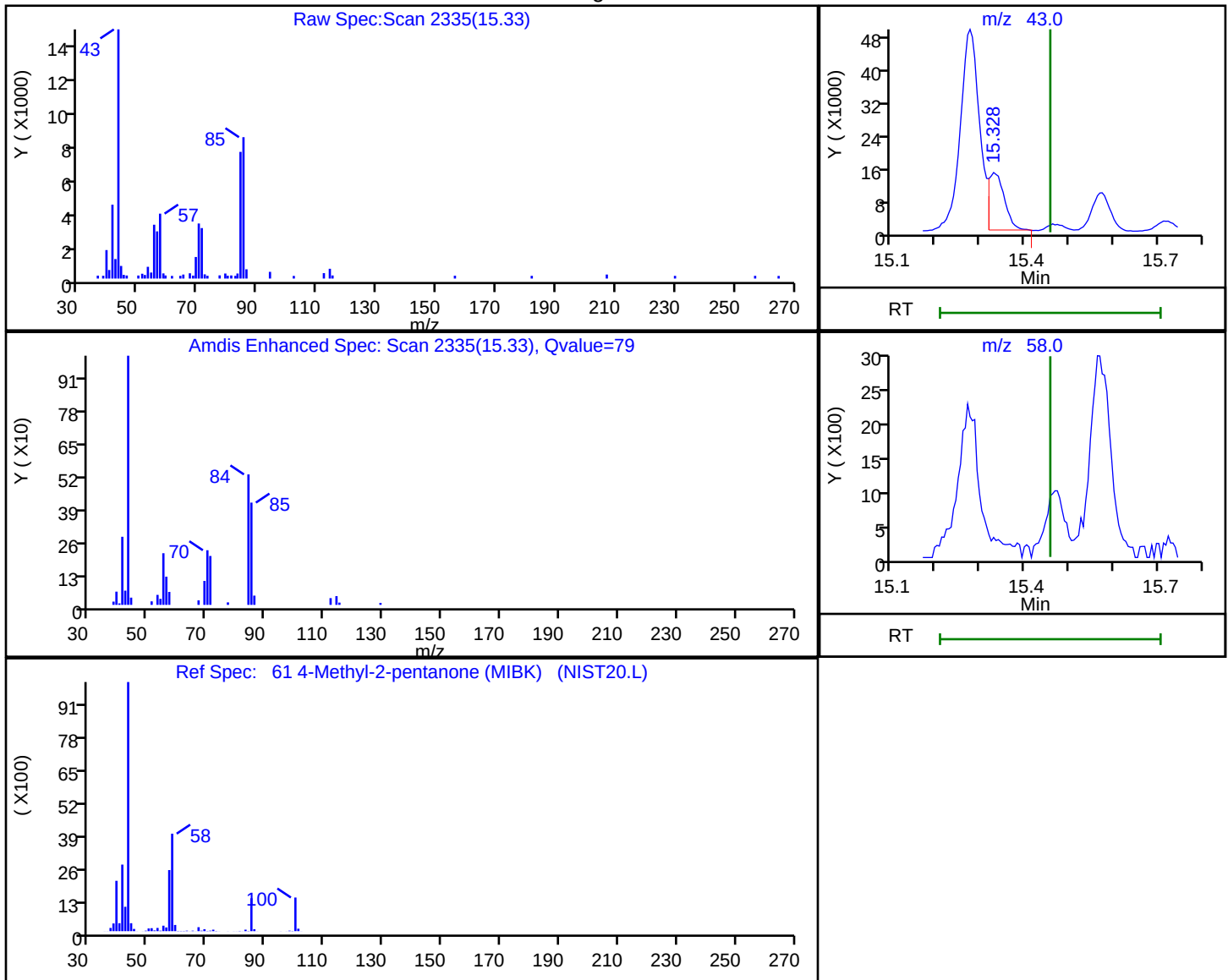
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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

Processing Results



RT	Mass	Response	Amount
15.33	43.00	34815	2.119523
15.46	58.00	0	

Reviewer: BKZ7, 07-Dec-2022 09:18:53

Audit Action: Marked Compound Undetected

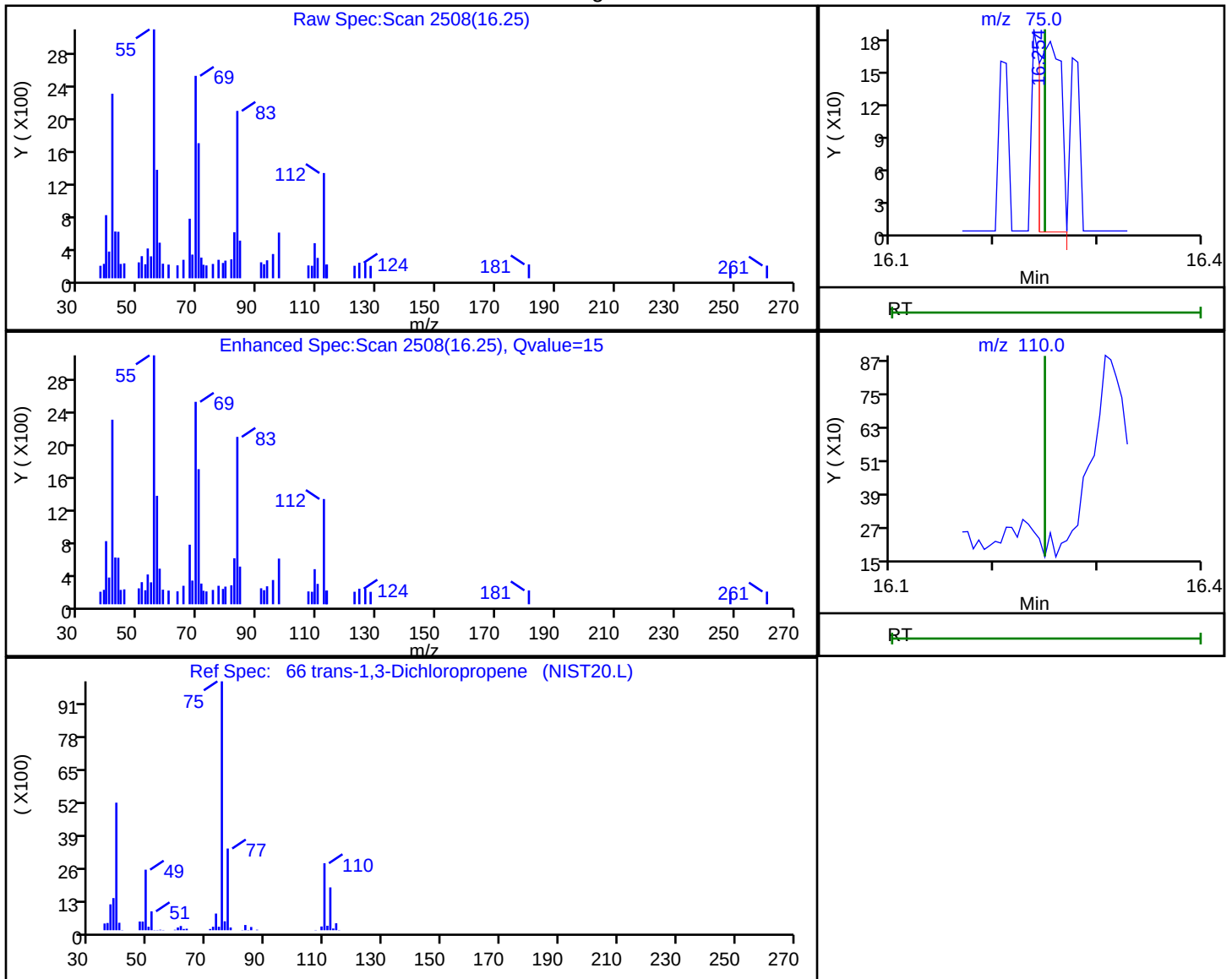
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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
16.25	75.00	257	0.013730
16.25	110.00	0	

Reviewer: BKZ7, 07-Dec-2022 09:19:07

Audit Action: Marked Compound Undetected

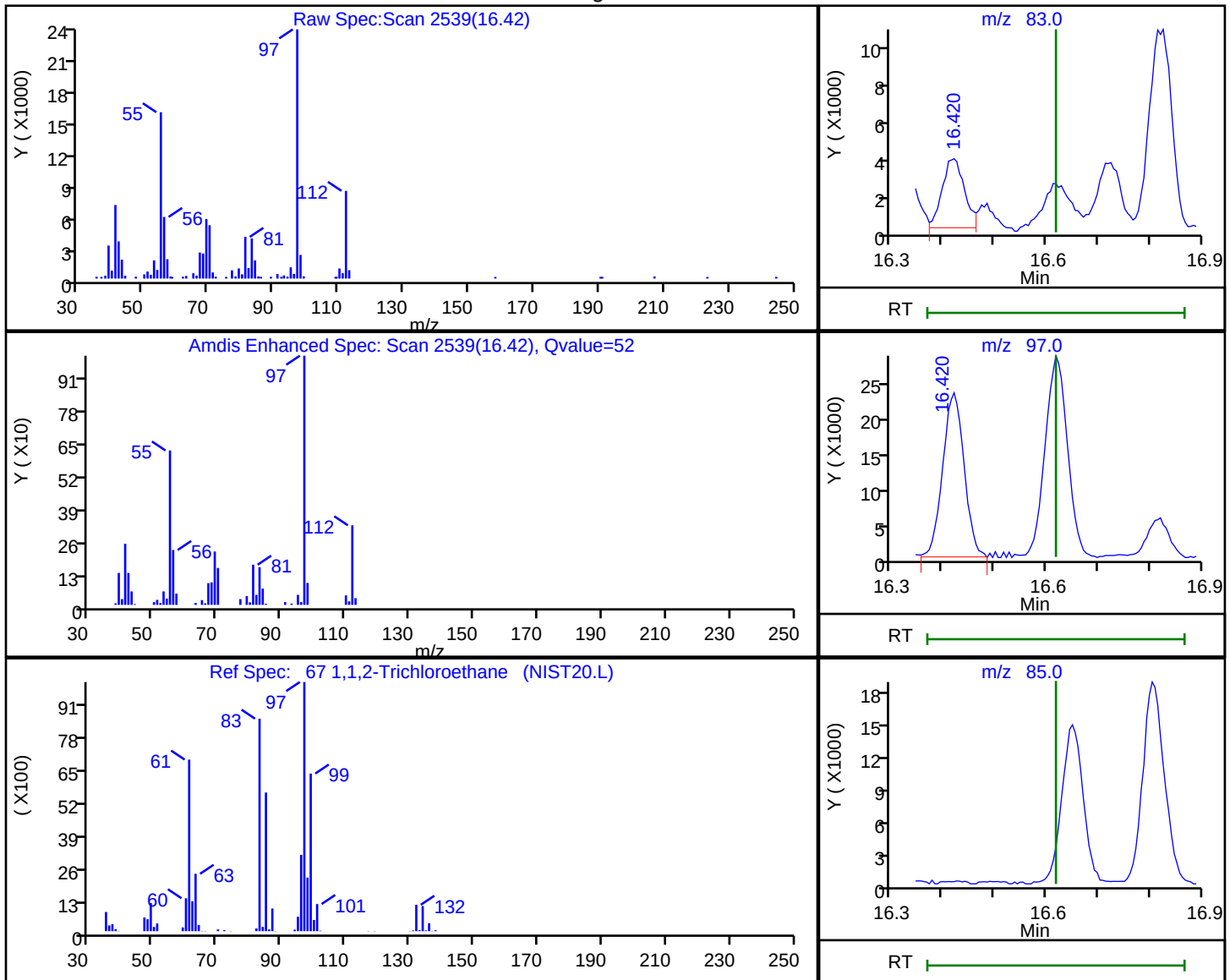
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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
16.42	83.00	11133	0.842236
16.42	97.00	68645	
16.62	85.00	0	

Reviewer: BKZ7, 07-Dec-2022 09:19:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d

Injection Date: 06-Dec-2022 22:30:30

Instrument ID: CHW.i

Lims ID: 200-65967-A-3

Lab Sample ID: 200-65967-3

Client ID: SV-3

Operator ID: vtp

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W

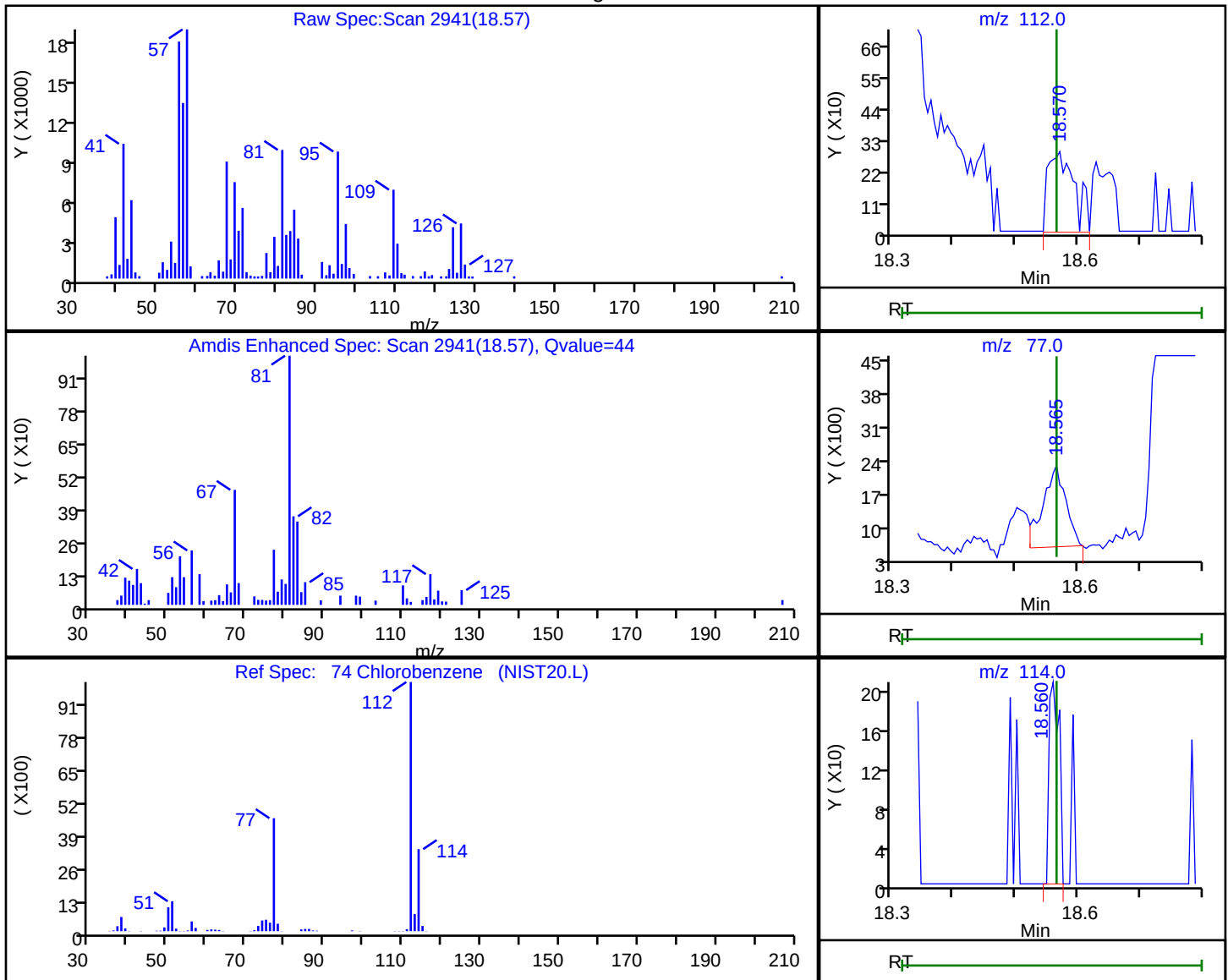
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

74 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
18.57	112.00	839	0.019295
18.56	77.00	4315	
18.56	114.00	238	

Reviewer: BKZ7, 07-Dec-2022 09:19:19

Audit Action: Marked Compound Undetected

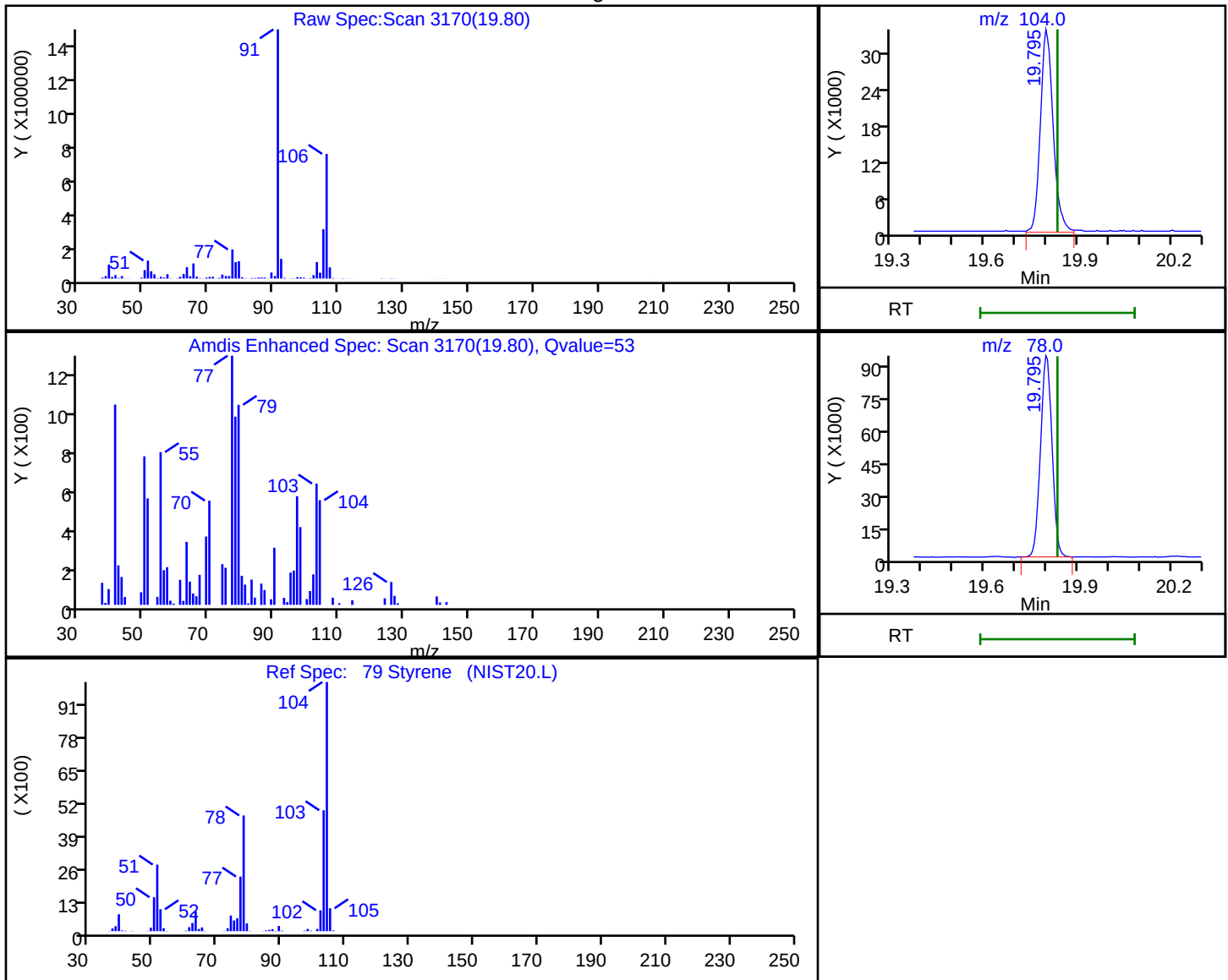
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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

Processing Results



RT	Mass	Response	Amount
19.80	104.00	95703	2.344511
19.80	78.00	243986	

Reviewer: BKZ7, 07-Dec-2022 09:19:25

Audit Action: Marked Compound Undetected

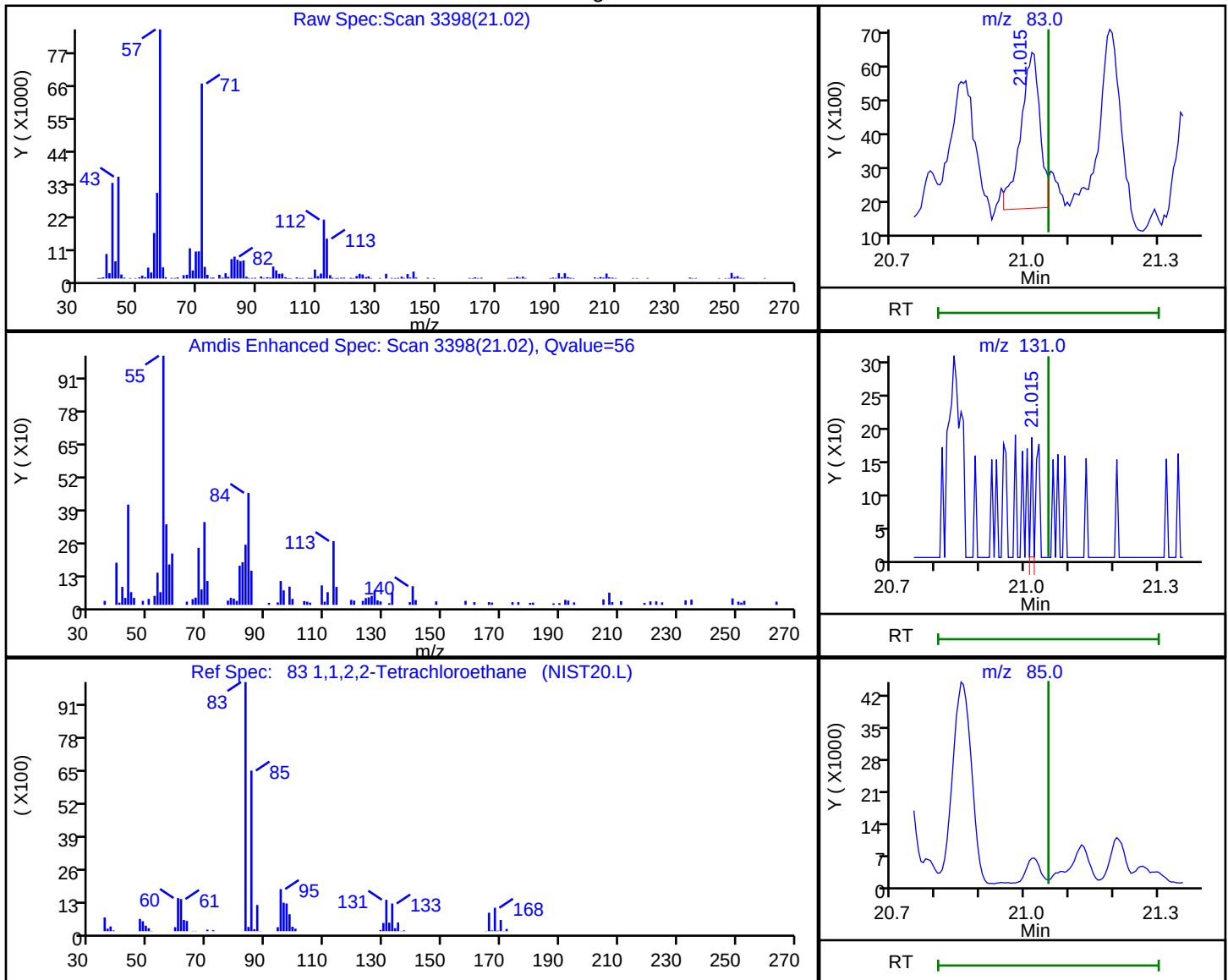
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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
21.02	83.00	14356	0.424912
21.02	131.00	59	
21.05	85.00	0	

Reviewer: BKZ7, 07-Dec-2022 09:19:30

Audit Action: Marked Compound Undetected

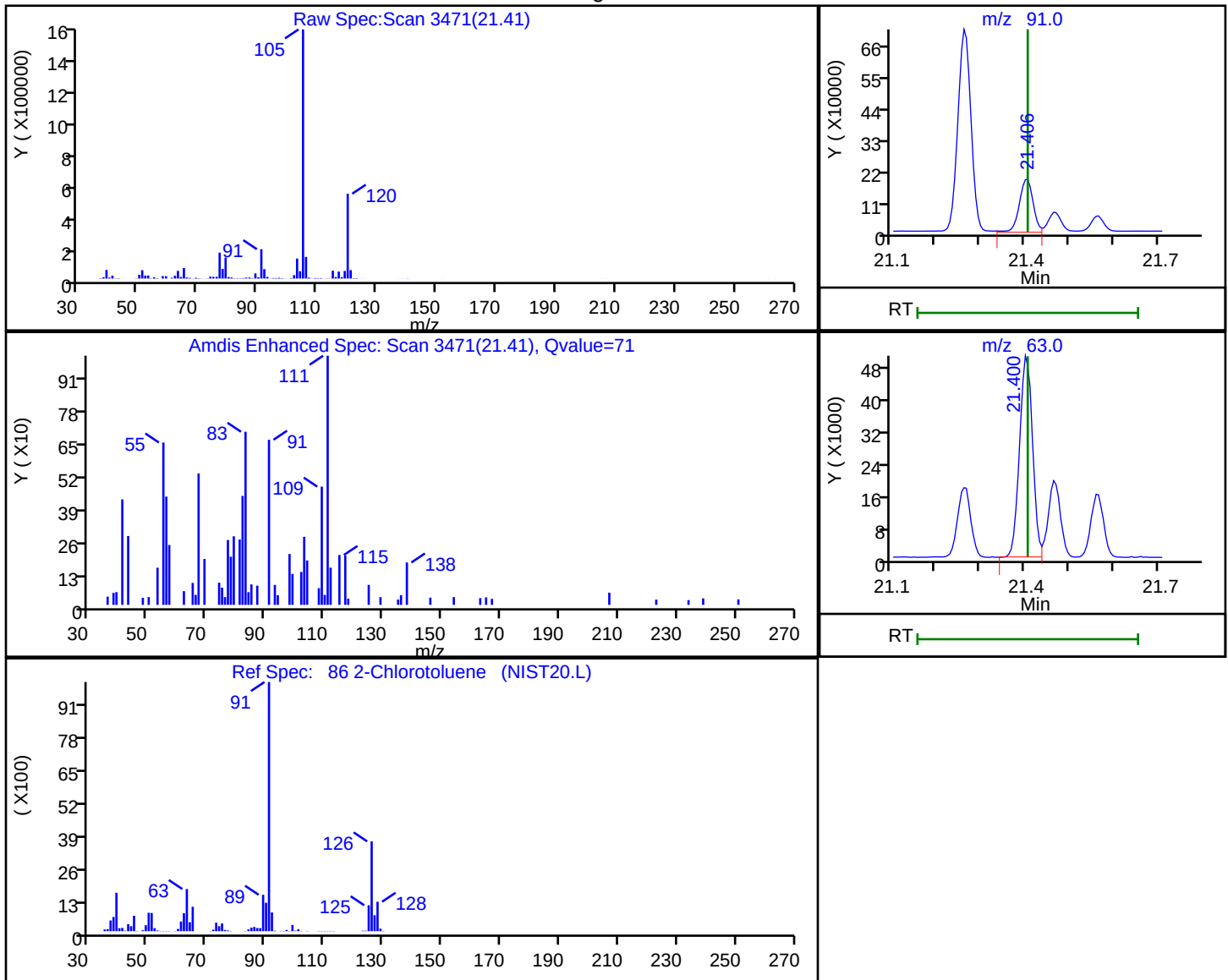
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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
21.41	91.00	385326	7.246286
21.40	63.00	104169	

Reviewer: BKZ7, 07-Dec-2022 09:19:35

Audit Action: Marked Compound Undetected

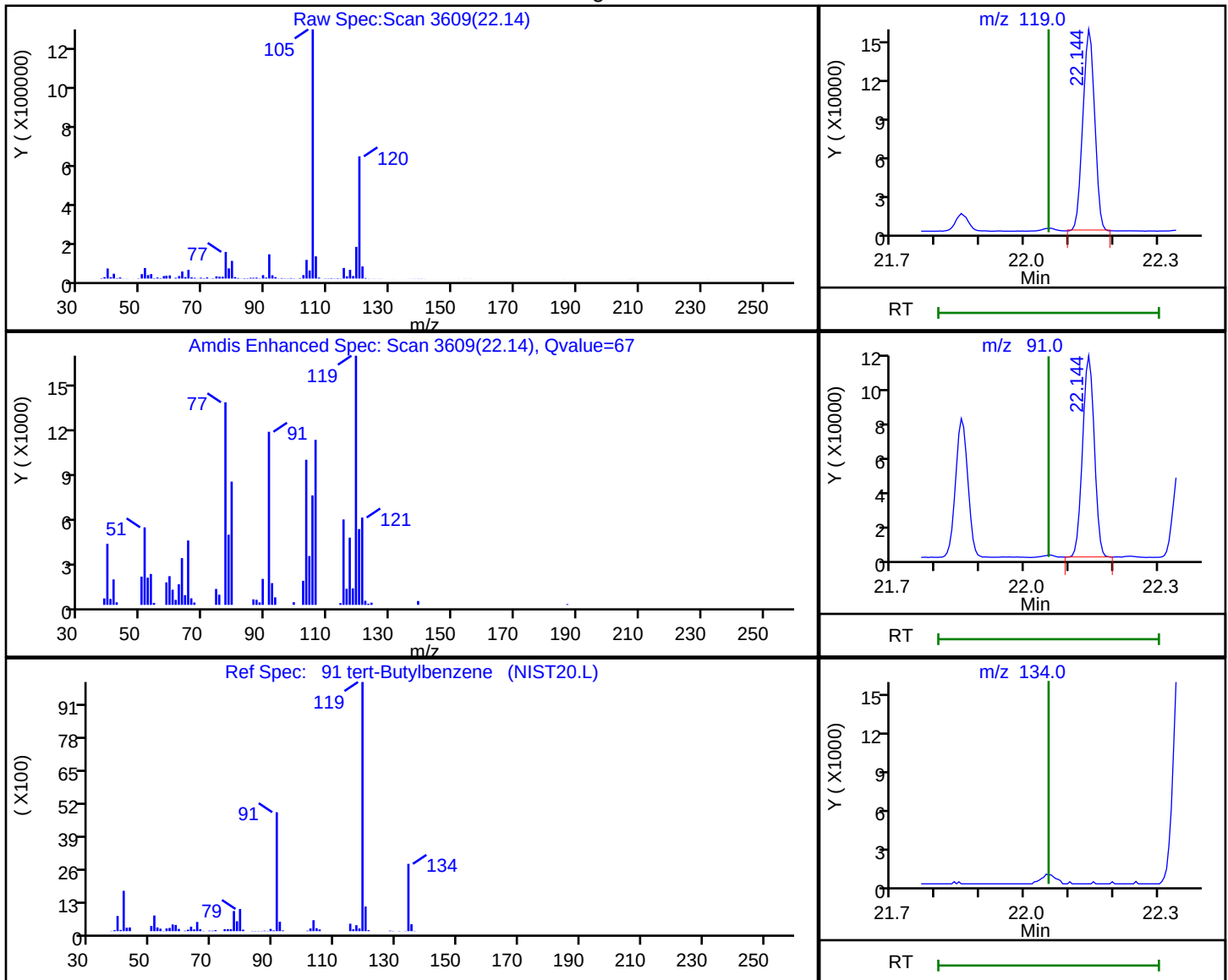
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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

Processing Results



RT	Mass	Response	Amount
22.14	119.00	289048	4.537168
22.14	91.00	218350	
22.05	134.00	0	

Reviewer: BKZ7, 07-Dec-2022 09:19:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

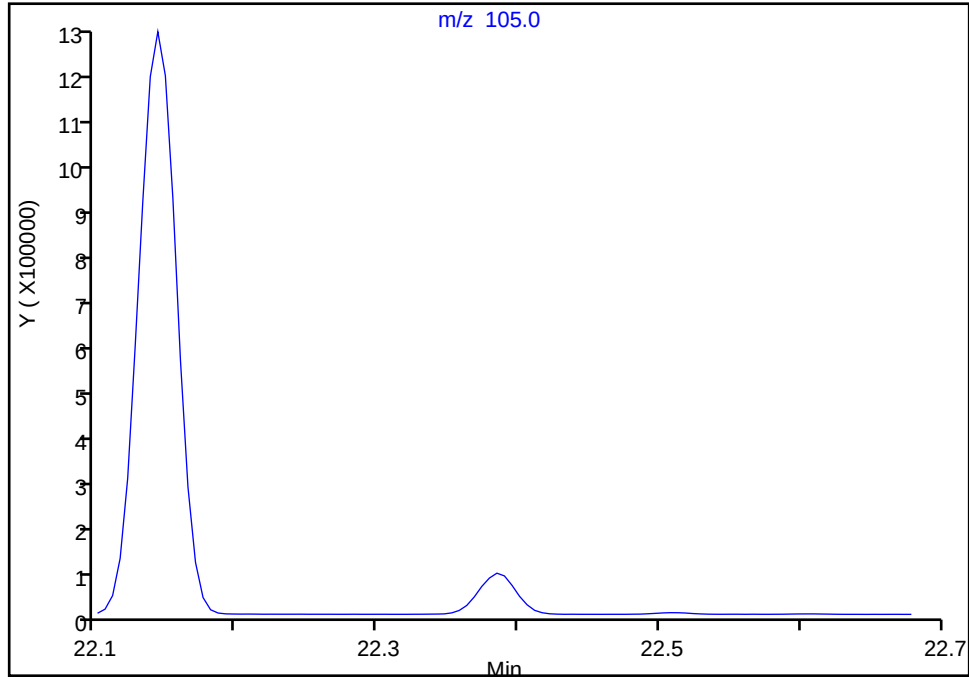
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Injection Date:	06-Dec-2022 22:30:30	Instrument ID:	CHW.i
Lims ID:	200-65967-A-3	Lab Sample ID:	200-65967-3
Client ID:	SV-3		
Operator ID:	vtp	ALS Bottle#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	18

93 sec-Butylbenzene, CAS: 135-98-8

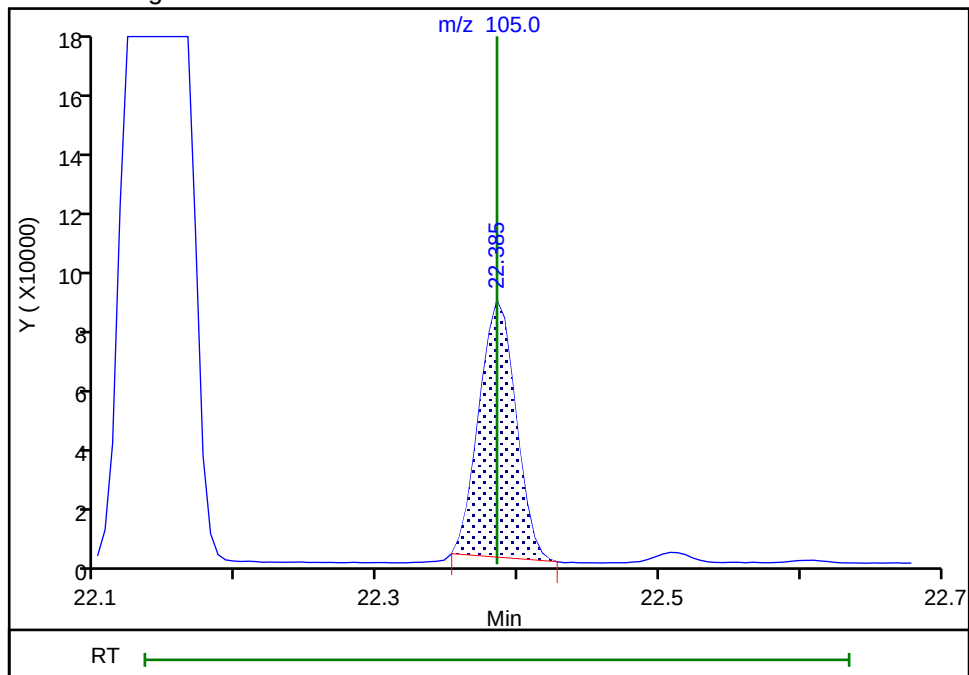
Signal: 1

Not Detected
Expected RT: 22.38

Processing Integration Results

RT: 22.38
Area: 152217
Amount: 1.693989
Amount Units: ppb v/v

Manual Integration Results

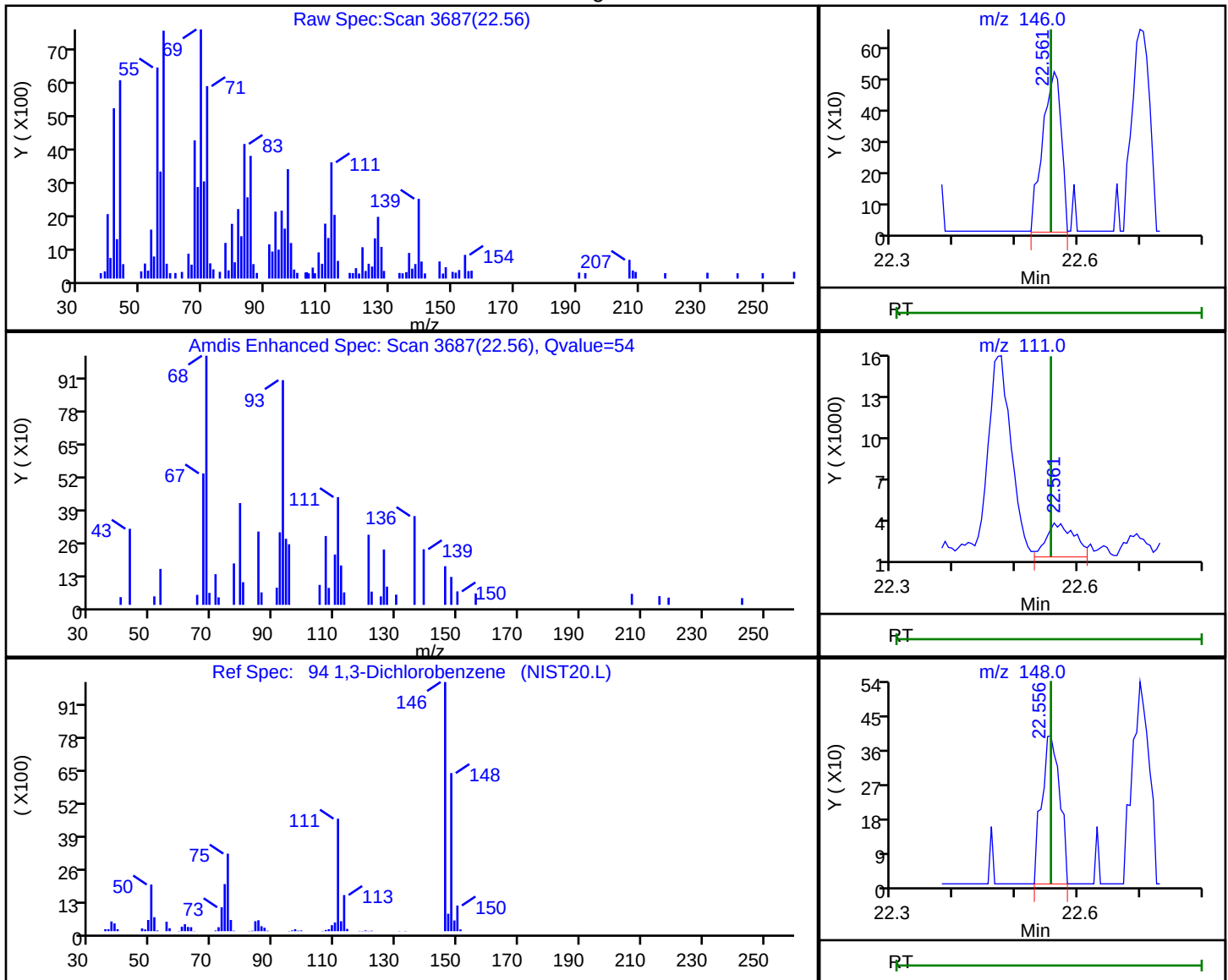
Reviewer: BKZ7, 07-Dec-2022 09:19:55
Audit Action: Manually IntegratedAudit Reason: Assign Peak
Page 341 of 98112/8/2022 3:46
PM

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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
22.56	146.00	1072	0.022676
22.56	111.00	7559	
22.56	148.00	788	

Reviewer: BKZ7, 07-Dec-2022 09:20:03

Audit Action: Marked Compound Undetected

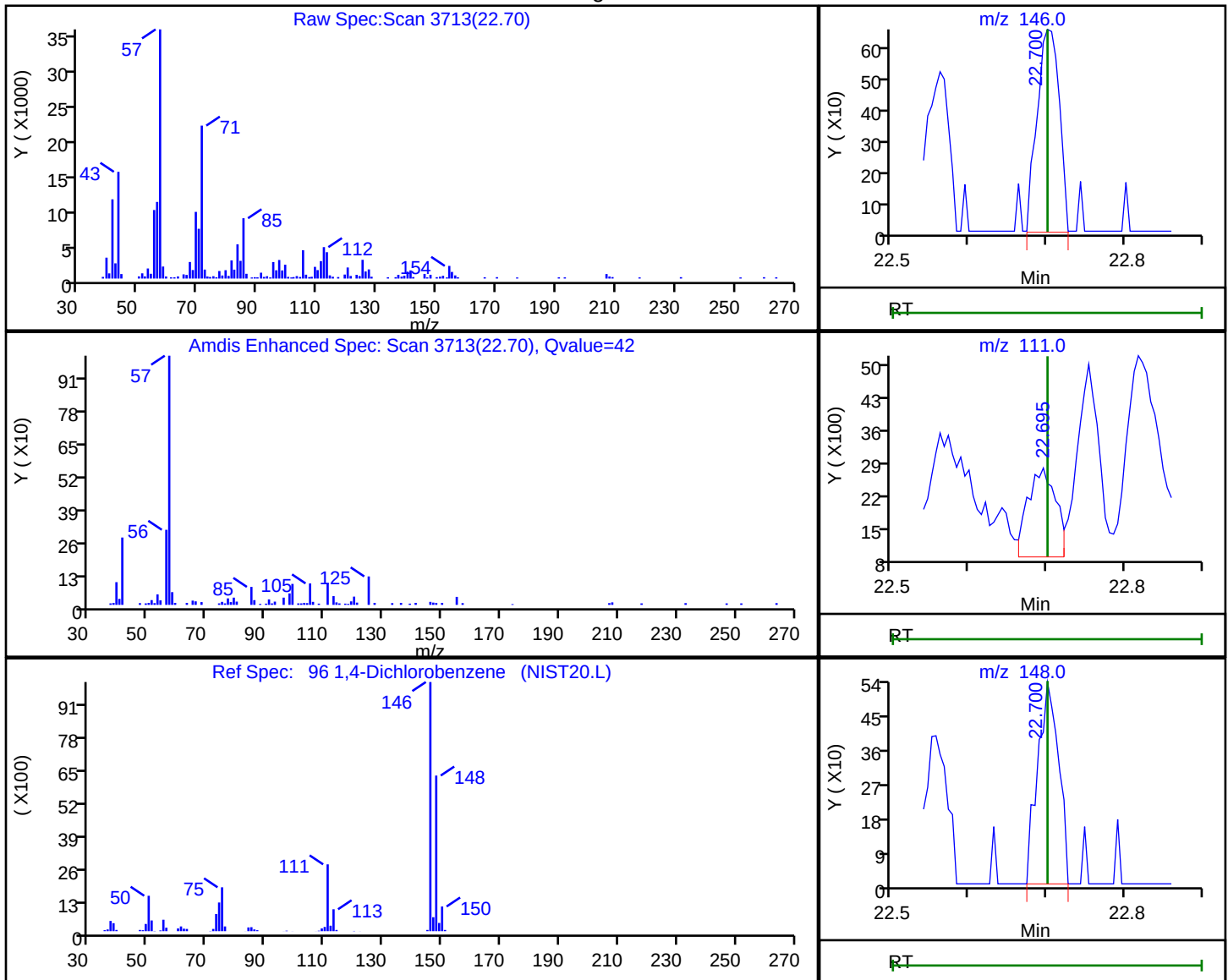
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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

Processing Results



RT	Mass	Response	Amount
22.70	146.00	1299	0.028470
22.69	111.00	4763	
22.70	148.00	1001	

Reviewer: BKZ7, 07-Dec-2022 09:20:07

Audit Action: Marked Compound Undetected

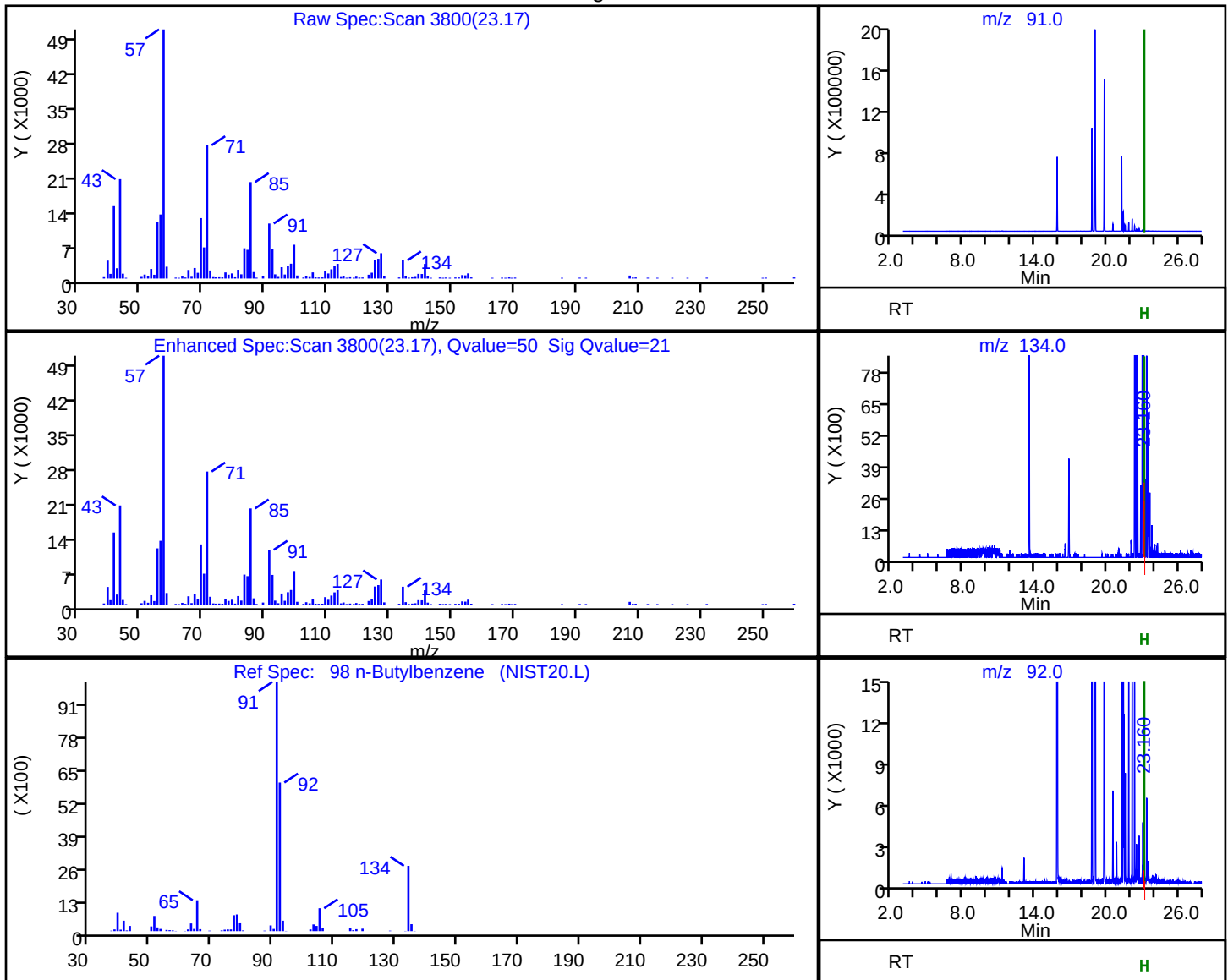
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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

Processing Results



RT	Mass	Response	Amount
23.17	91.00	0	
23.16	134.00	6885	
23.16	92.00	12342	

Reviewer: BKZ7, 07-Dec-2022 09:20:16

Audit Action: Marked Compound Undetected

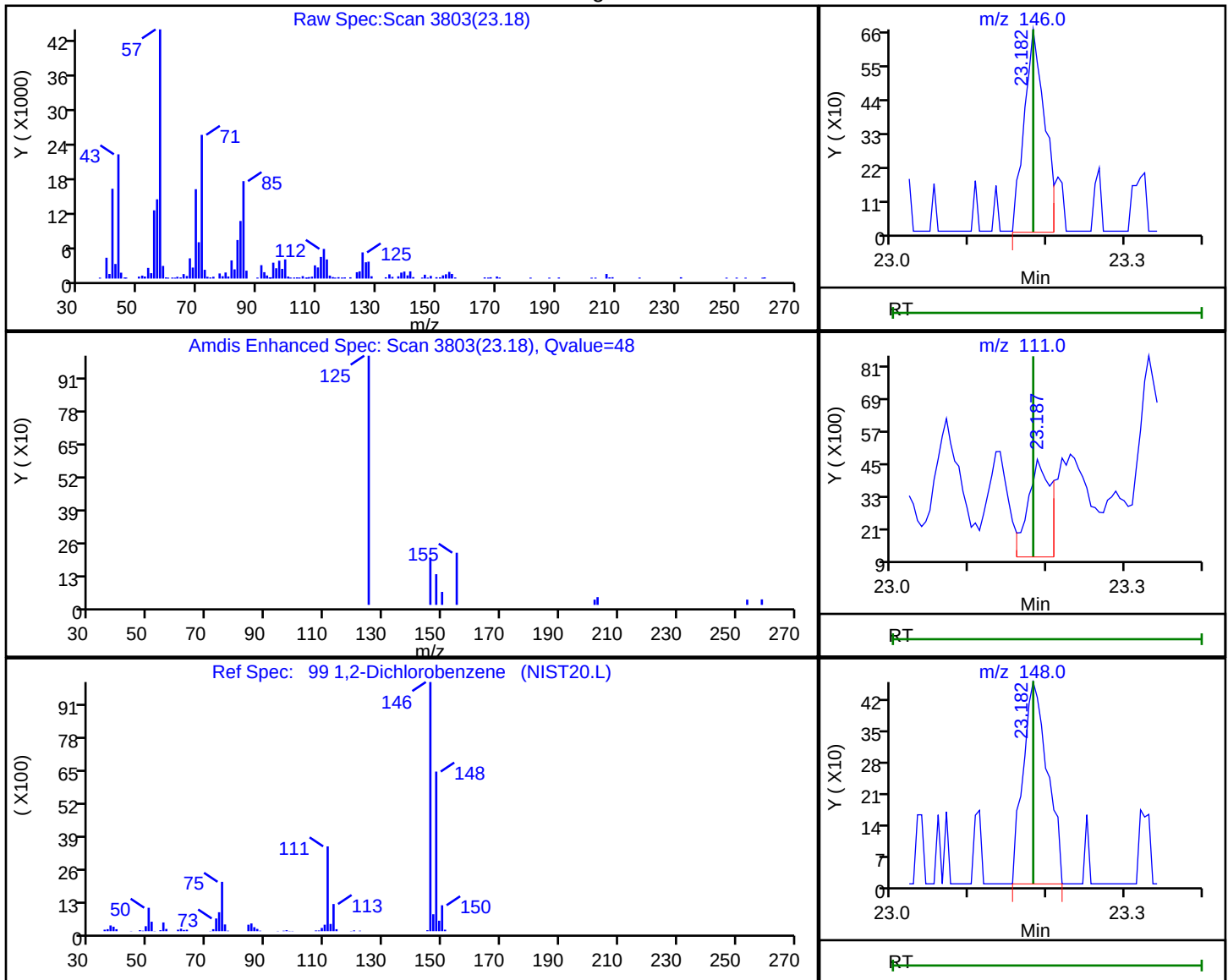
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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
23.18	146.00	1213	0.027014
23.19	111.00	7571	
23.18	148.00	1000	

Reviewer: BKZ7, 07-Dec-2022 09:20:20

Audit Action: Marked Compound Undetected

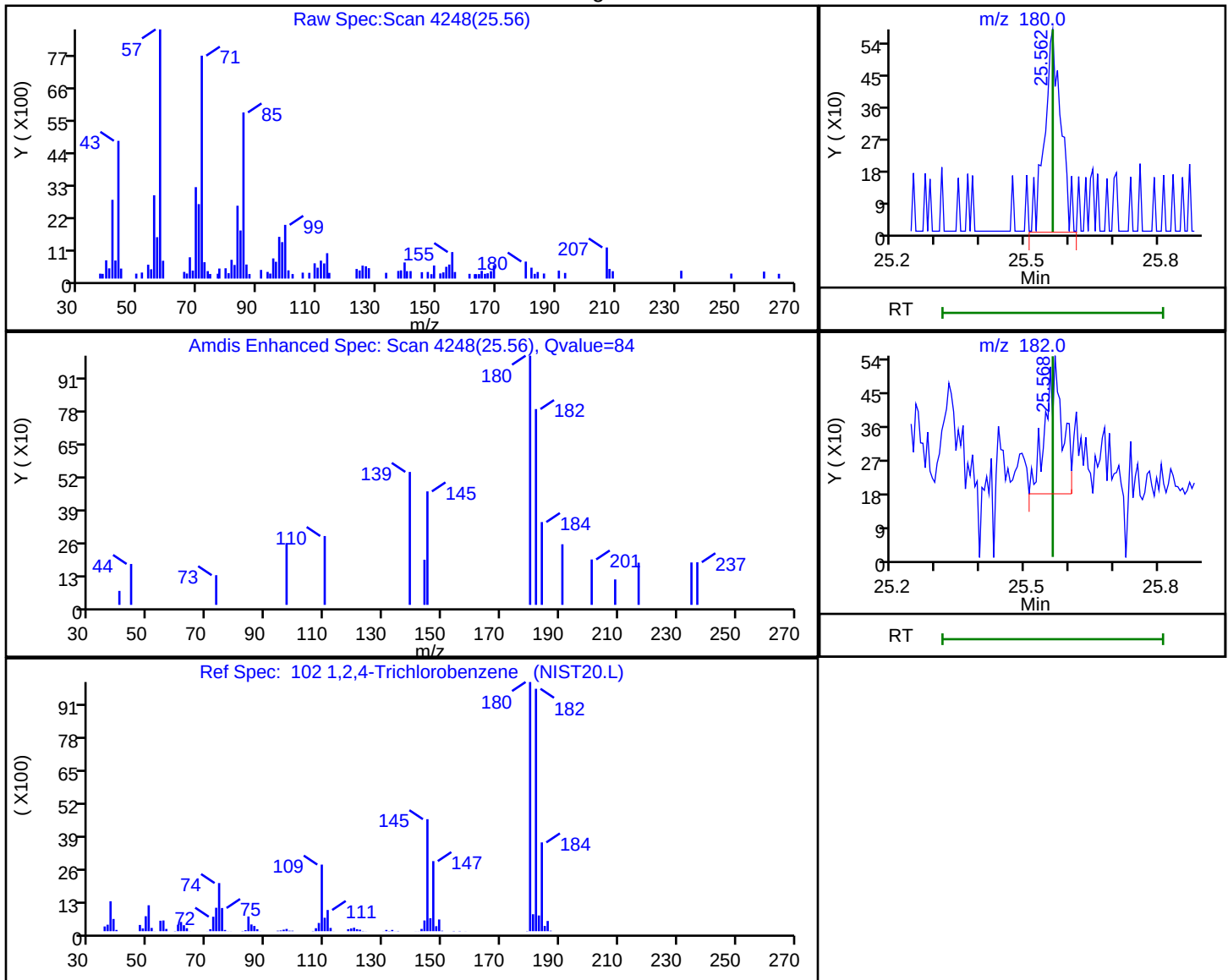
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
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

102 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
25.56	180.00	1493	0.050830
25.57	182.00	982	

Reviewer: BKZ7, 07-Dec-2022 09:20:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d

Injection Date: 06-Dec-2022 22:30:30

Instrument ID: CHW.i

Lims ID: 200-65967-A-3

Lab Sample ID: 200-65967-3

Client ID: SV-3

Operator ID: vtp

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

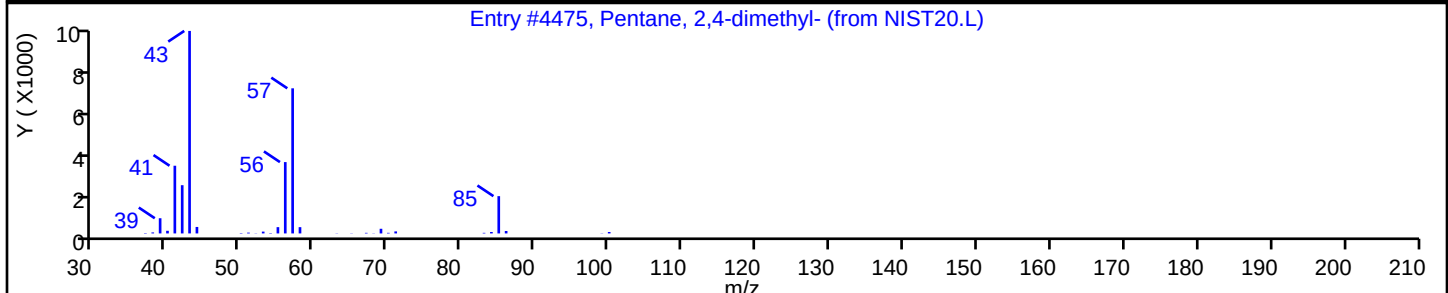
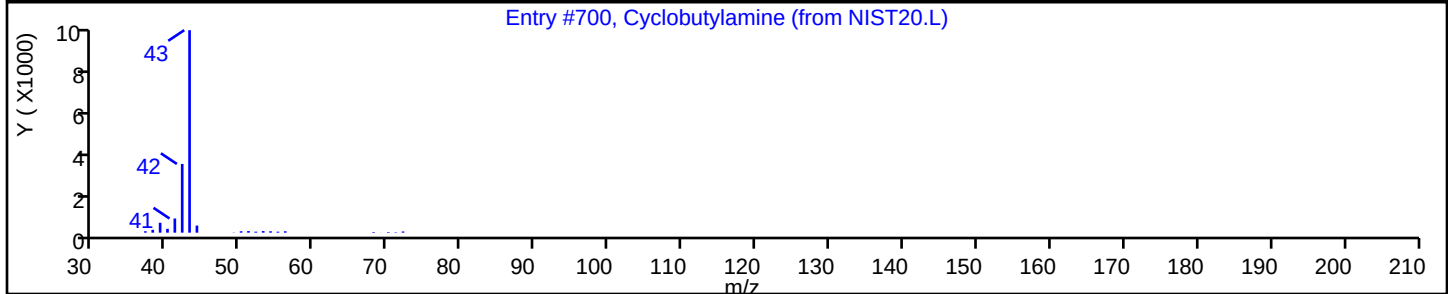
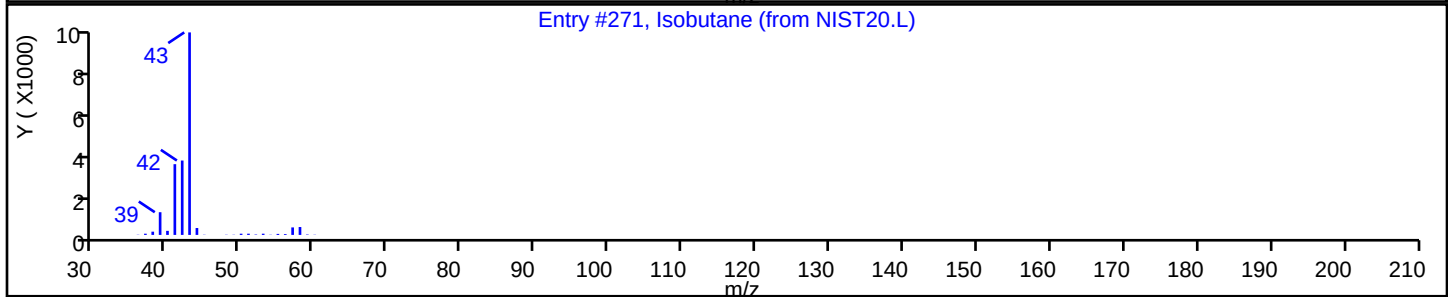
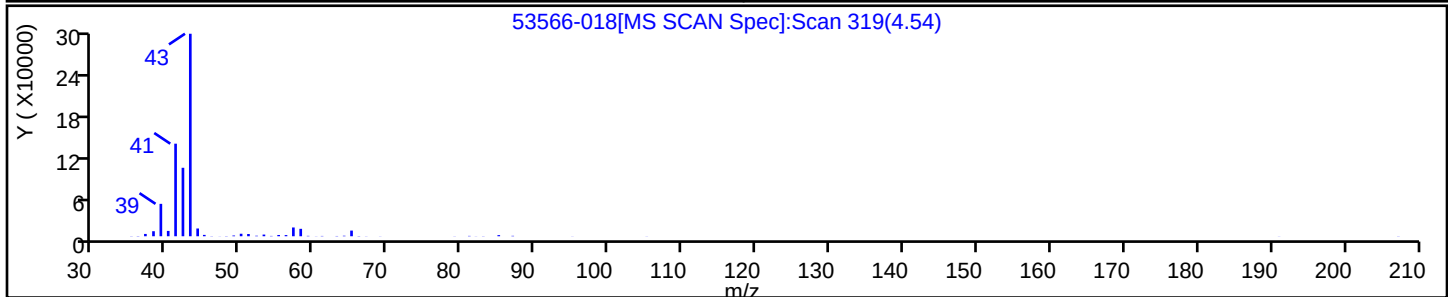
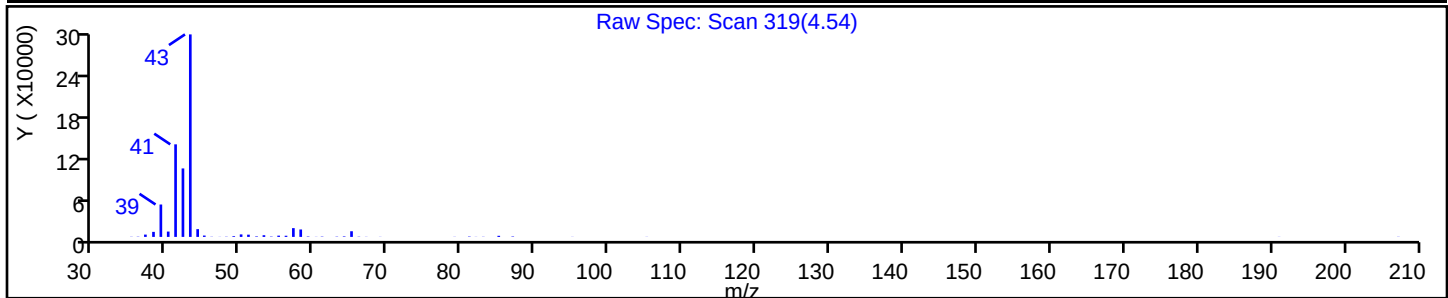
Method: TO15_TO3_MasterMethod_W

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Isobutane	75-28-5	NIST20.L	271	C4H10	58	86
Cyclobutylamine	2516-34-9	NIST20.L	700	C4H9N	71	42
Pentane, 2,4-dimethyl-	108-08-7	NIST20.L	4475	C7H16	100	9



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d

Injection Date: 06-Dec-2022 22:30:30

Instrument ID: CHW.i

Lims ID: 200-65967-A-3

Lab Sample ID: 200-65967-3

Client ID: SV-3

Operator ID: vtp

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

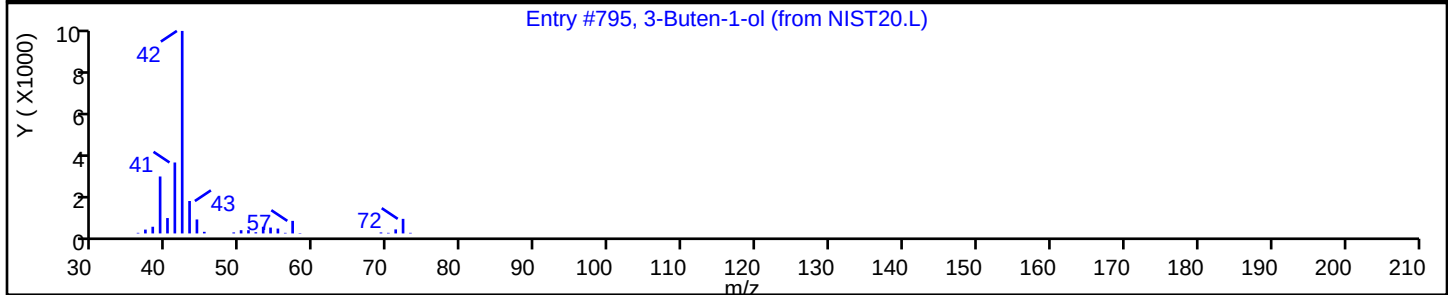
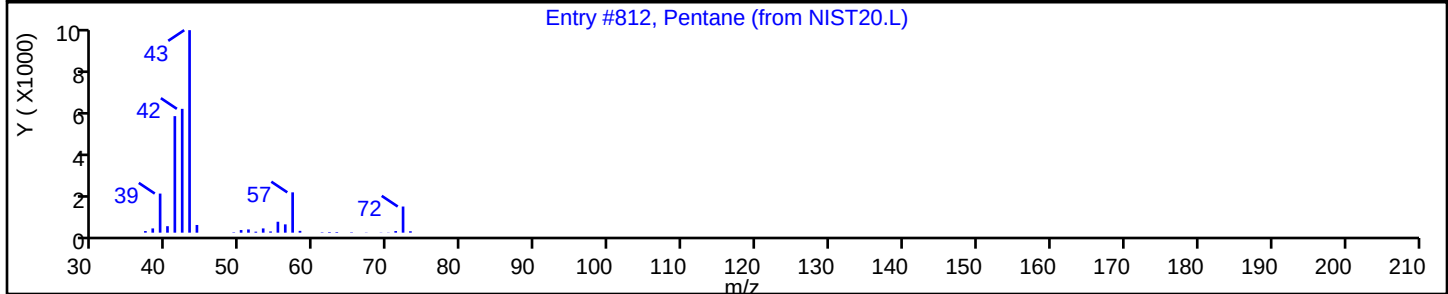
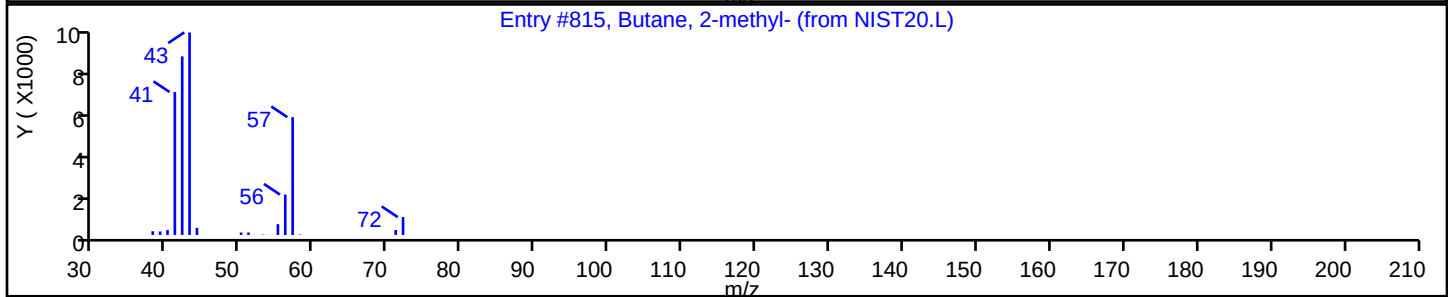
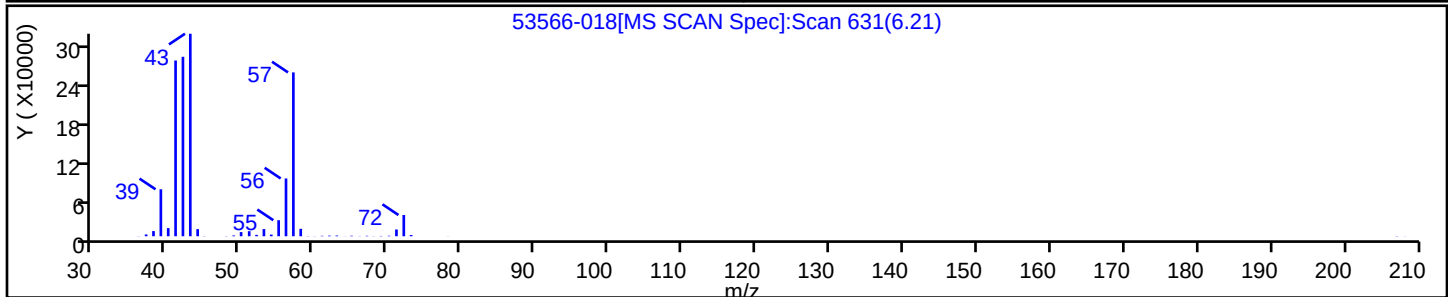
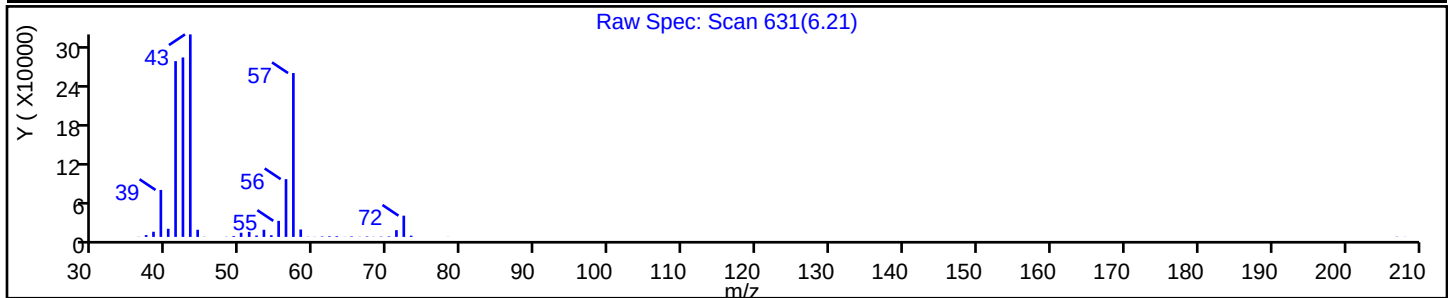
Method: TO15_TO3_MasterMethod_W

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Butane, 2-methyl-	78-78-4	NIST20.L	815	C5H12	72	87
Pentane	109-66-0	NIST20.L	812	C5H12	72	46
3-Buten-1-ol	627-27-0	NIST20.L	795	C4H8O	72	43



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d

Injection Date: 06-Dec-2022 22:30:30

Instrument ID: CHW.i

Lims ID: 200-65967-A-3

Lab Sample ID: 200-65967-3

Client ID: SV-3

Operator ID: vtp

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

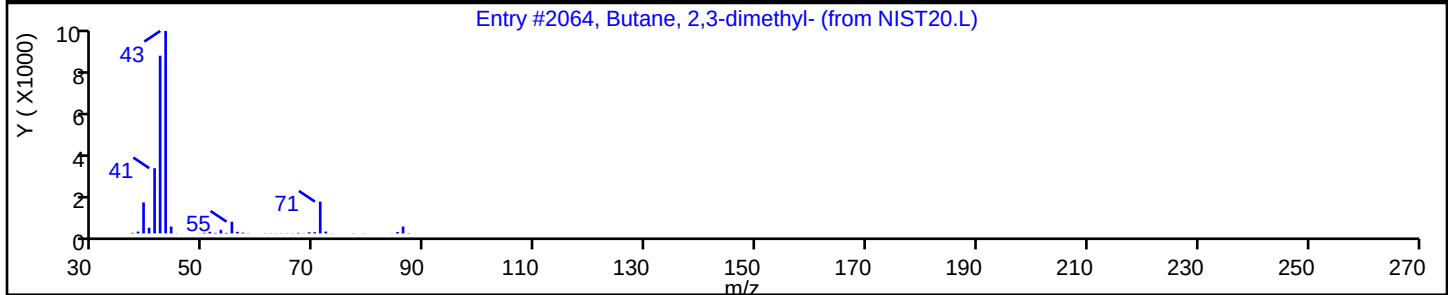
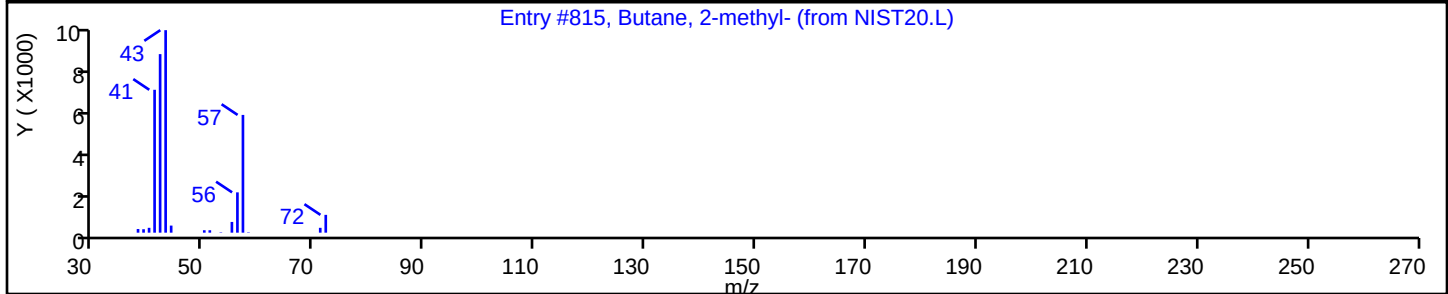
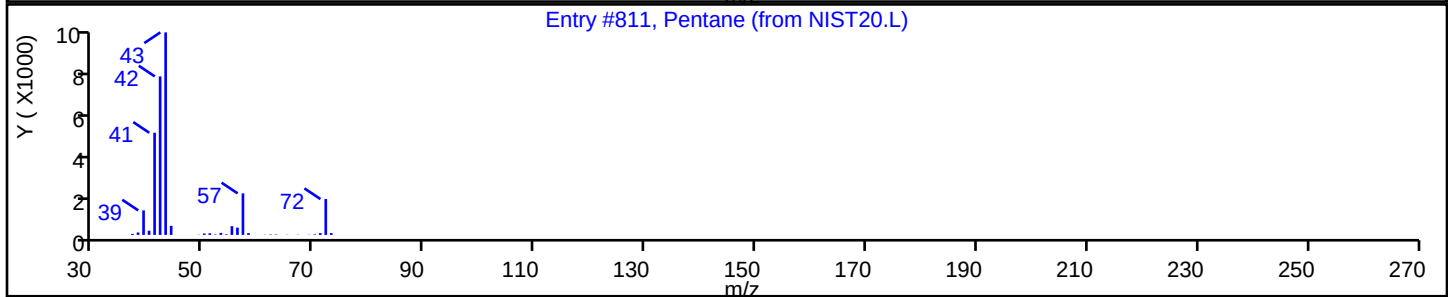
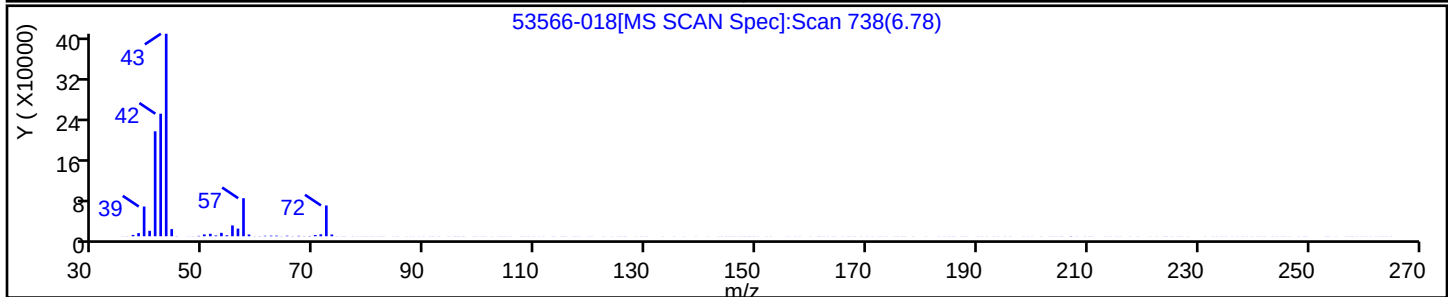
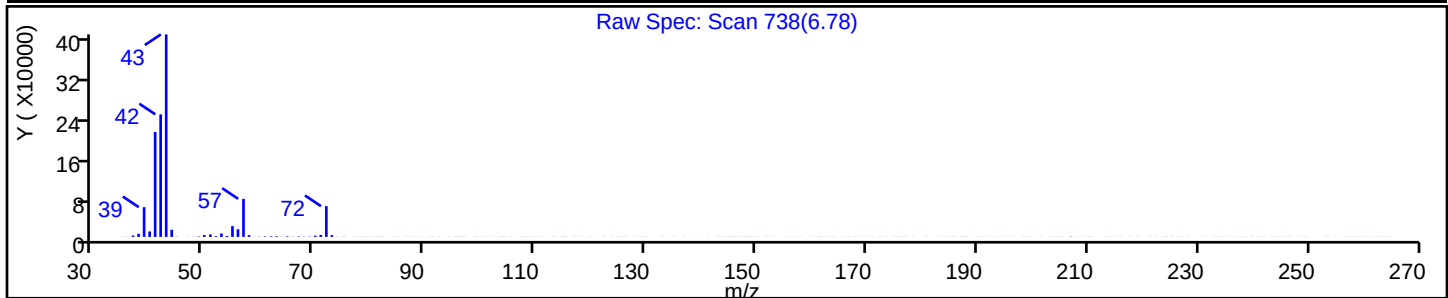
Method: TO15_TO3_MasterMethod_W

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

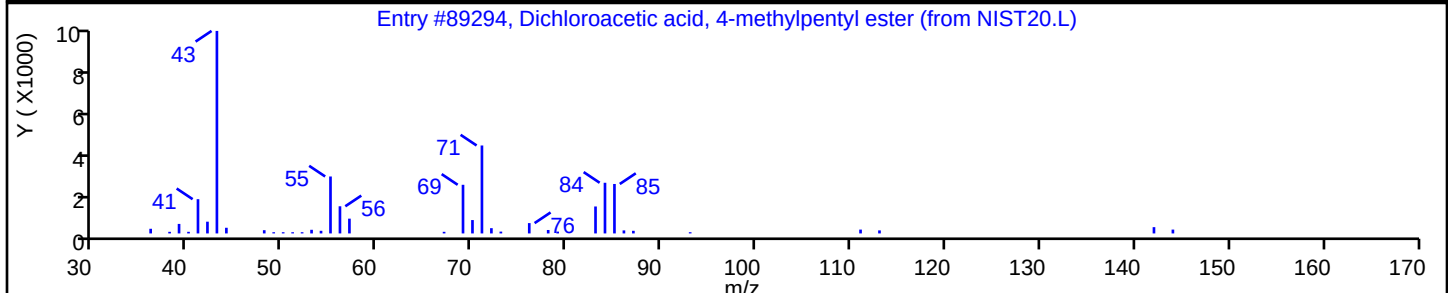
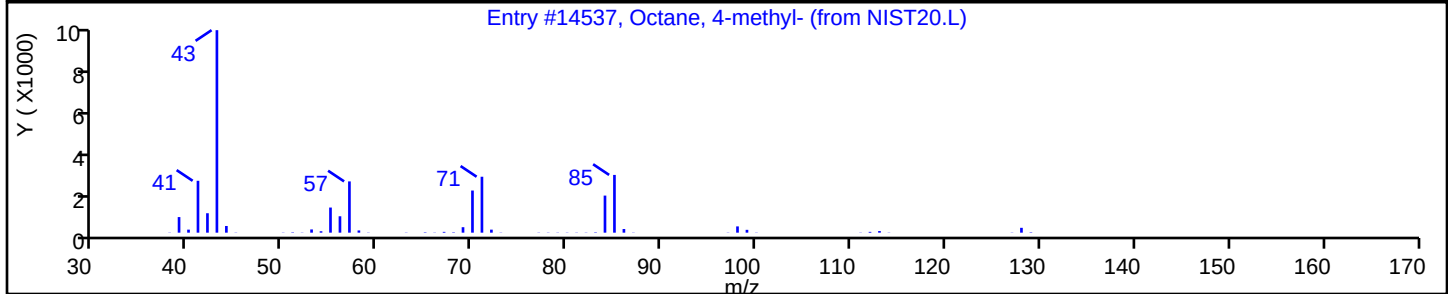
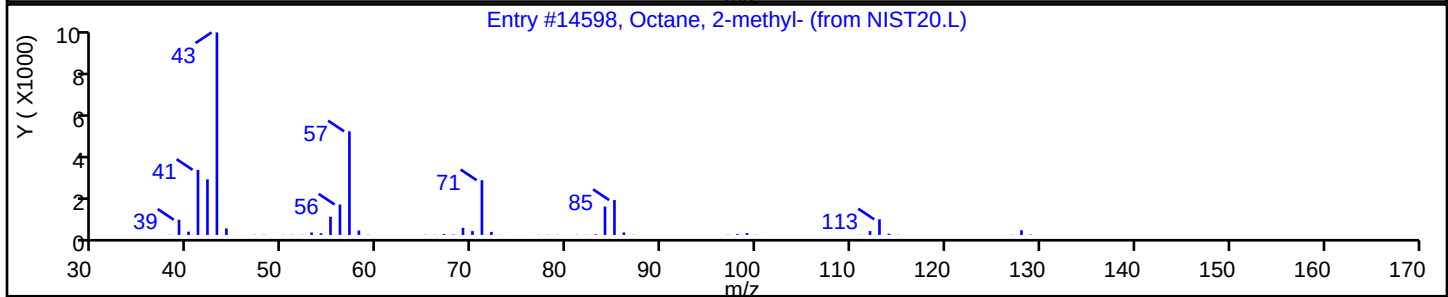
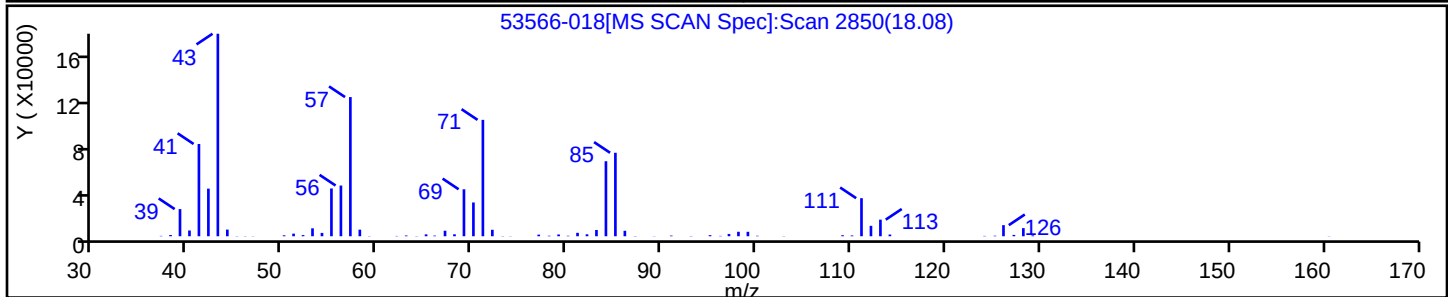
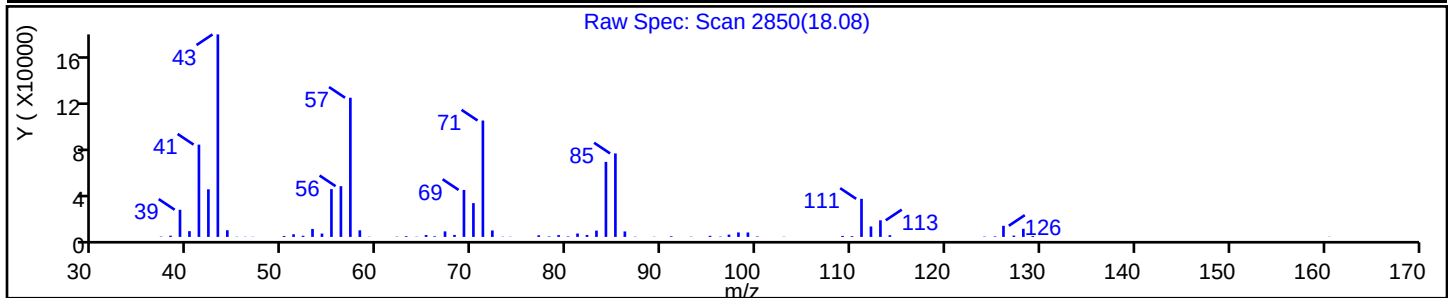
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane	109-66-0	NIST20.L	811	C5H12	72	91
Butane, 2-methyl-	78-78-4	NIST20.L	815	C5H12	72	38
Butane, 2,3-dimethyl-	79-29-8	NIST20.L	2064	C6H14	86	33



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octane, 2-methyl-	3221-61-2	NIST20.L	14598	C9H20	128	87
Octane, 4-methyl-	2216-34-4	NIST20.L	14537	C9H20	128	53
Dichloroacetic acid, 4-methylpentyl ester	998282-43-7	NIST20.L	89294	C8H14Cl2O2	212	50



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d

Injection Date: 06-Dec-2022 22:30:30

Instrument ID: CHW.i

Lims ID: 200-65967-A-3

Lab Sample ID: 200-65967-3

Client ID: SV-3

Operator ID: vtp

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

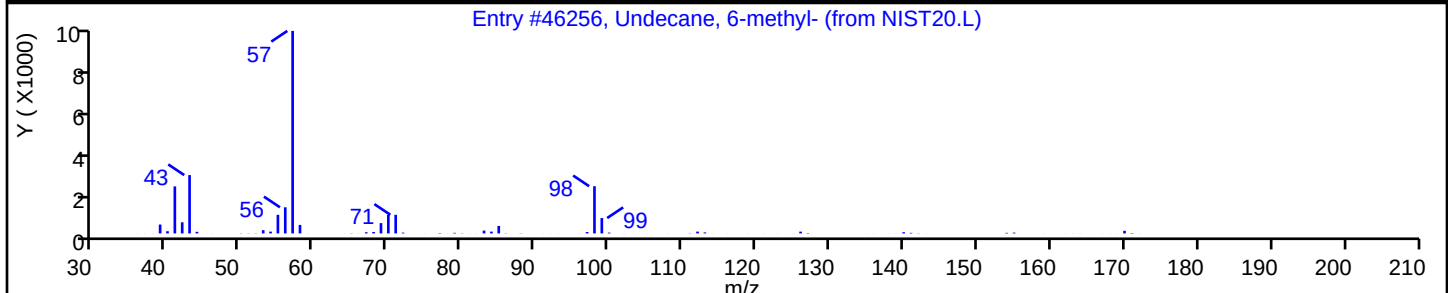
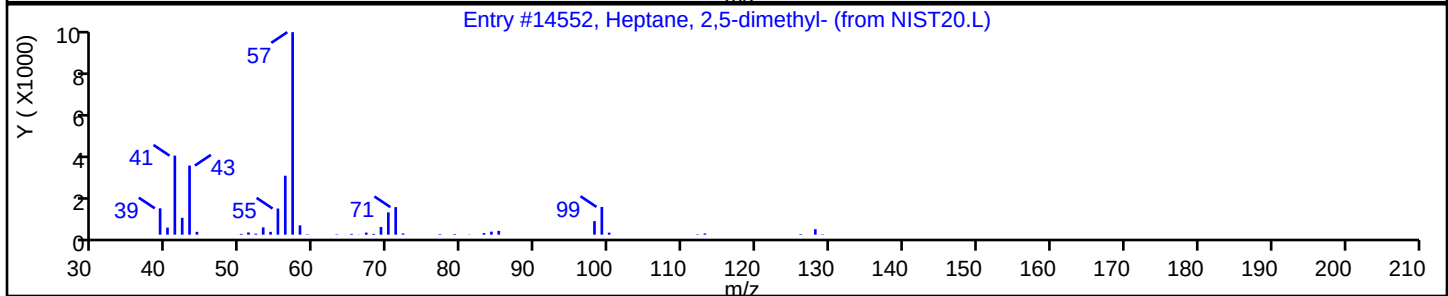
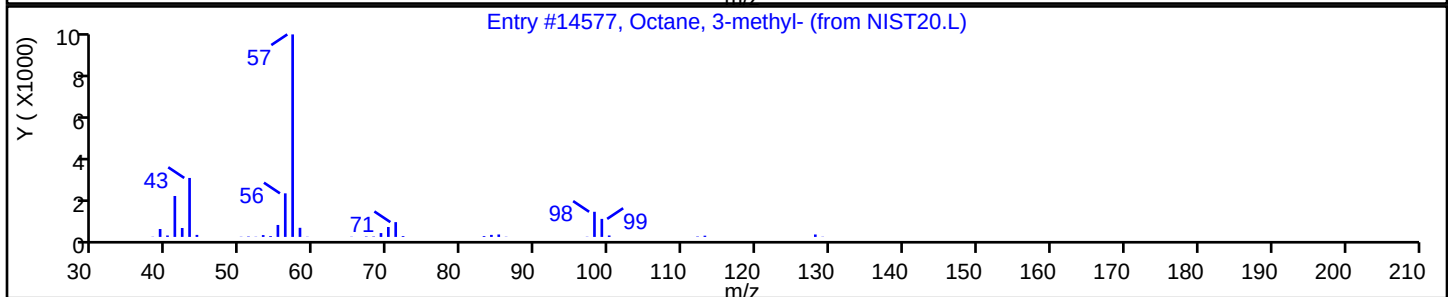
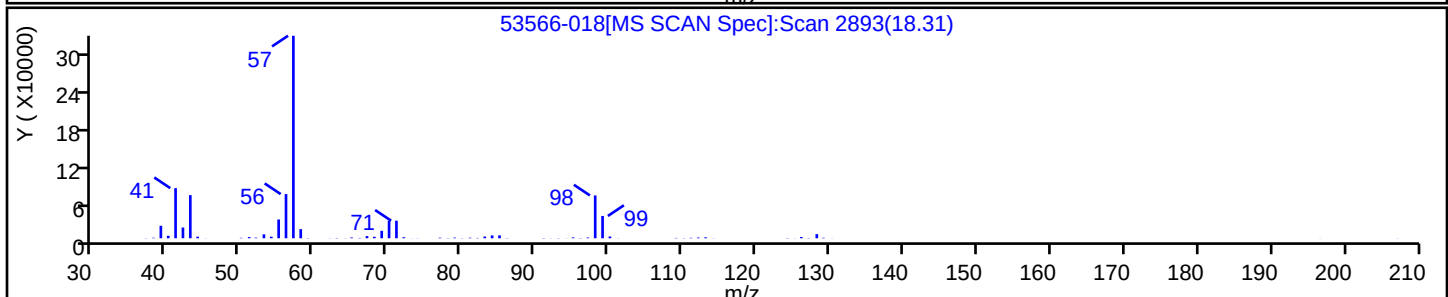
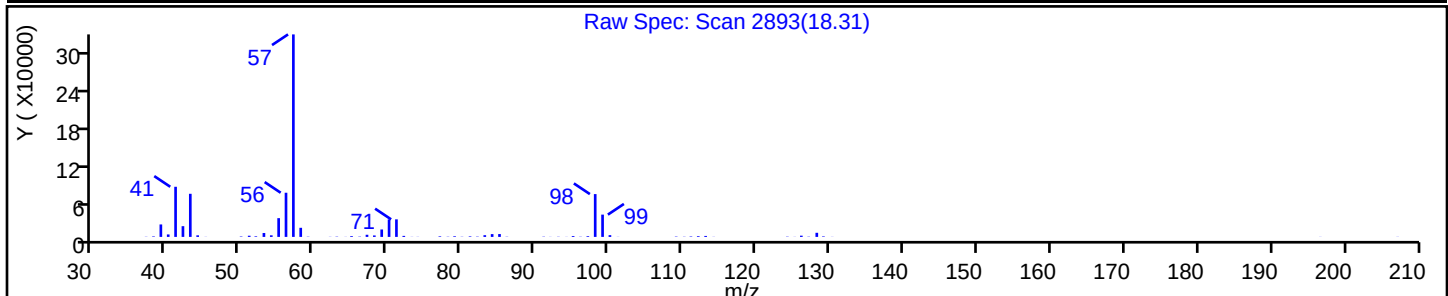
Method: TO15_TO3_MasterMethod_W

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octane, 3-methyl-	2216-33-3	NIST20.L	14577	C9H20	128	91
Heptane, 2,5-dimethyl-	2216-30-0	NIST20.L	14552	C9H20	128	70
Undecane, 6-methyl-	17302-33-9	NIST20.L	46256	C12H26	170	59



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d

Injection Date: 06-Dec-2022 22:30:30

Instrument ID: CHW.i

Lims ID: 200-65967-A-3

Lab Sample ID: 200-65967-3

Client ID: SV-3

Operator ID: vtp

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

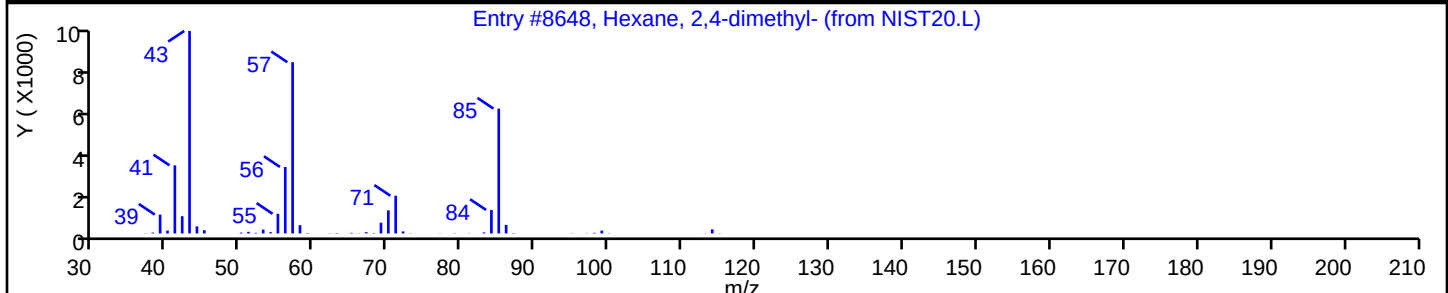
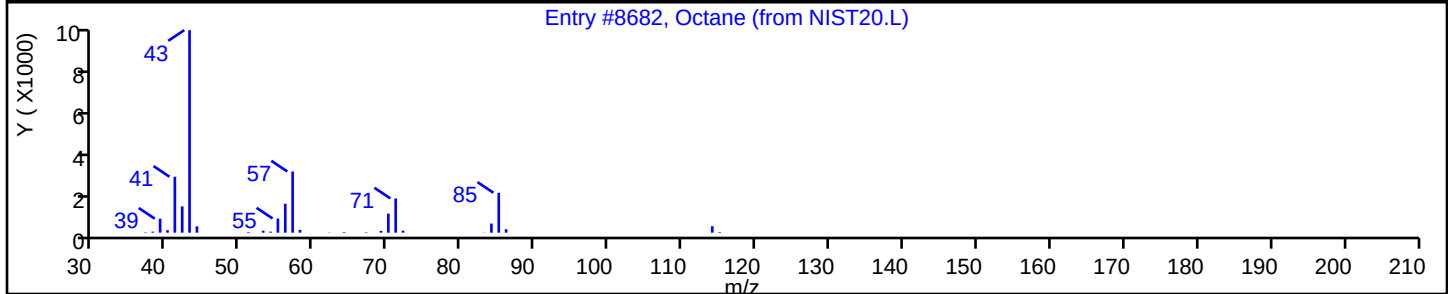
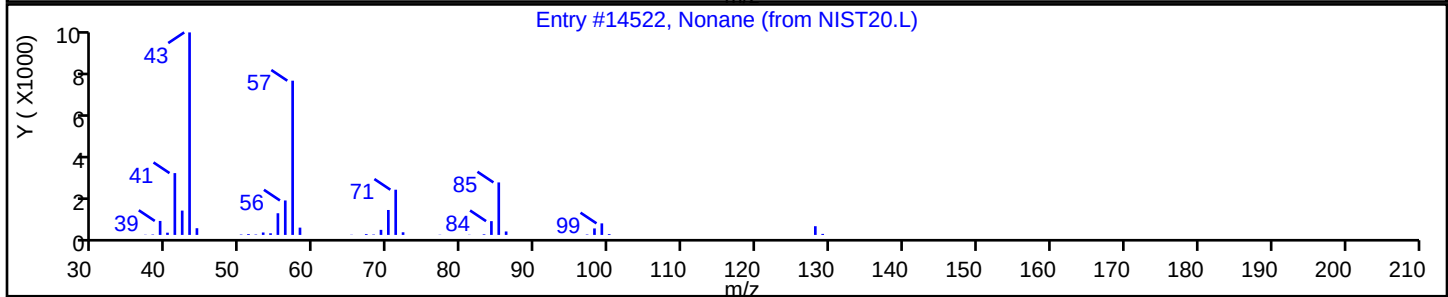
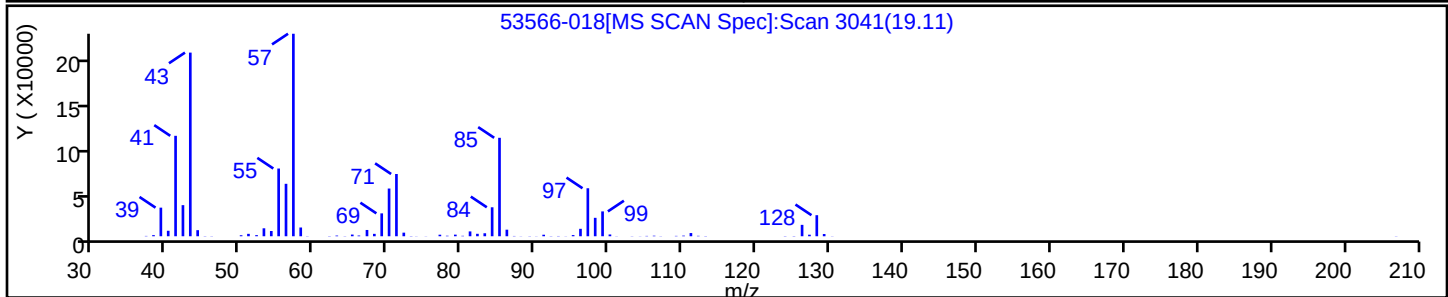
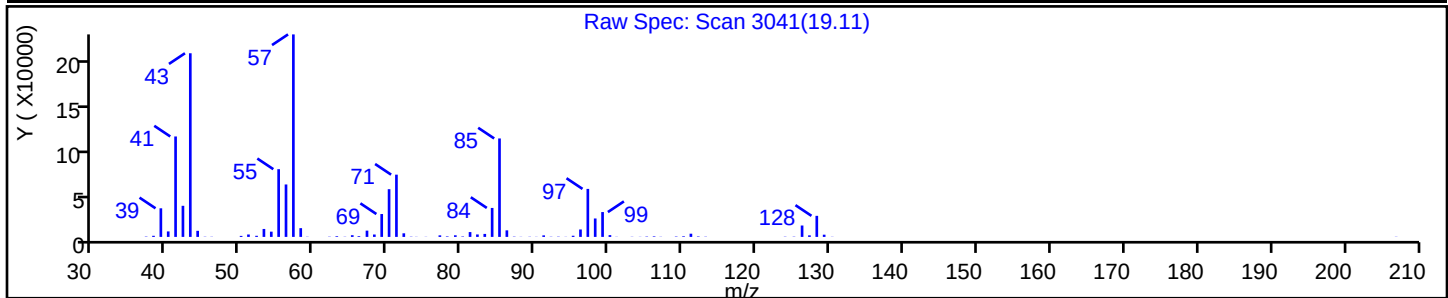
Method: TO15_TO3_MasterMethod_W

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

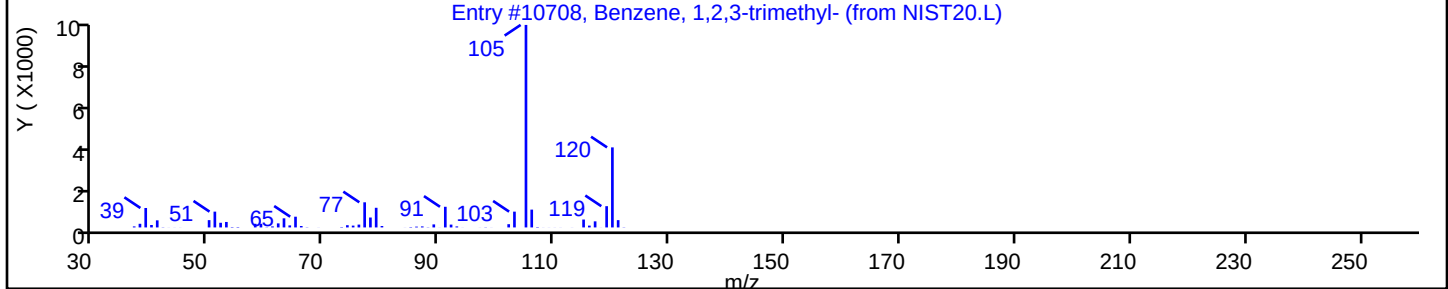
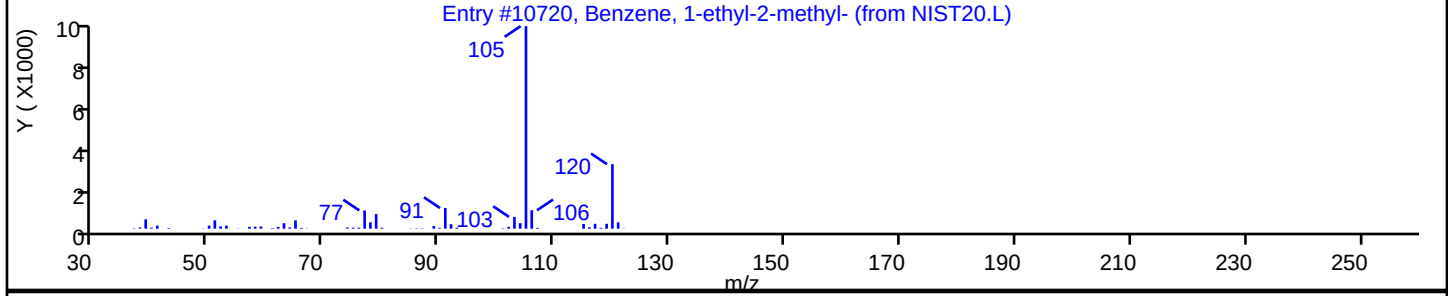
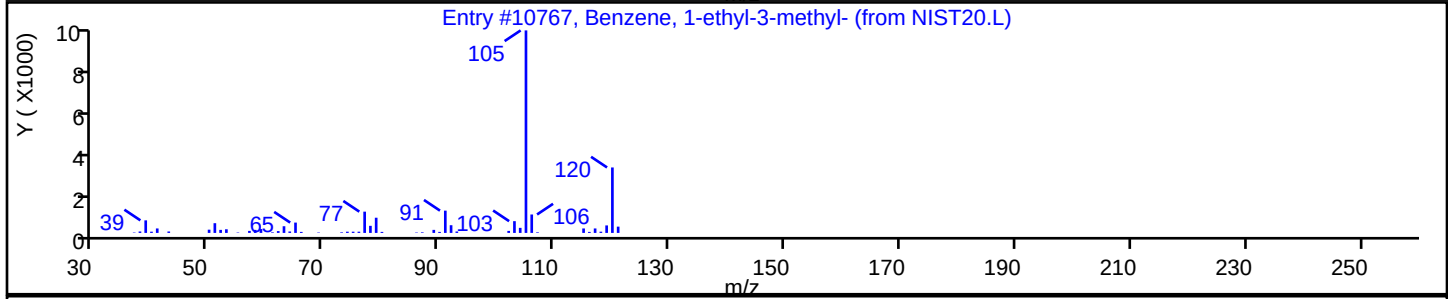
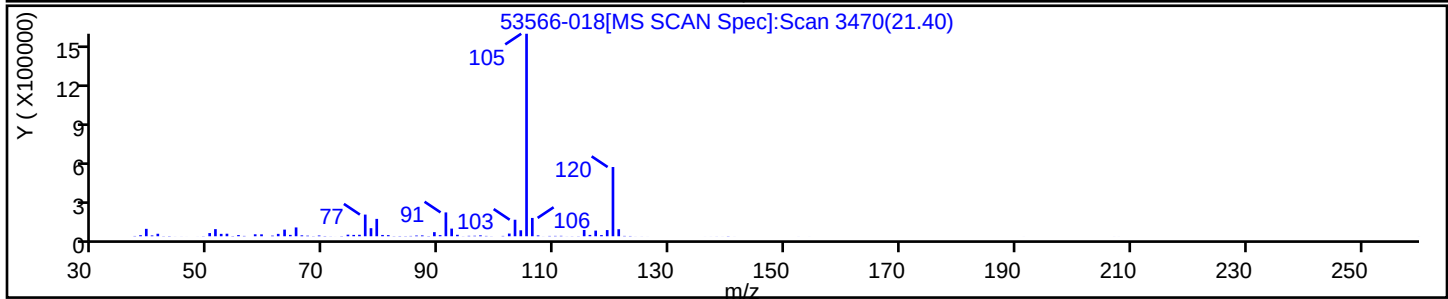
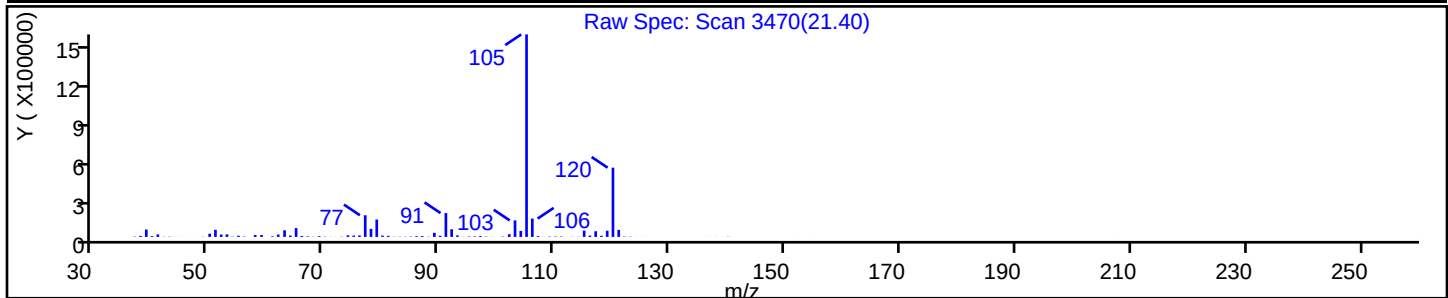
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Nonane	111-84-2	NIST20.L	14522	C9H20	128	93
Octane	111-65-9	NIST20.L	8682	C8H18	114	52
Hexane, 2,4-dimethyl-	589-43-5	NIST20.L	8648	C8H18	114	47



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST20.L	10767	C9H12	120	97
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST20.L	10720	C9H12	120	95
Benzene, 1,2,3-trimethyl-	526-73-8	NIST20.L	10708	C9H12	120	91



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d

Injection Date: 06-Dec-2022 22:30:30

Instrument ID: CHW.i

Lims ID: 200-65967-A-3

Lab Sample ID: 200-65967-3

Client ID: SV-3

Operator ID: vtp

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

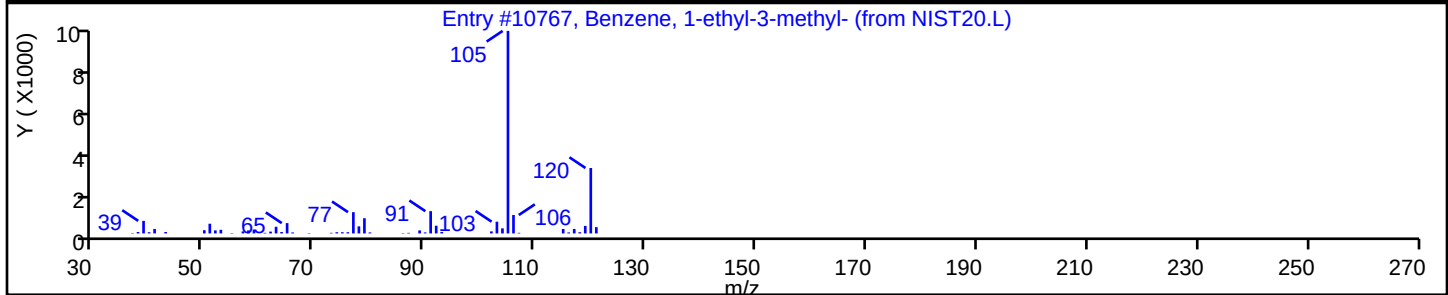
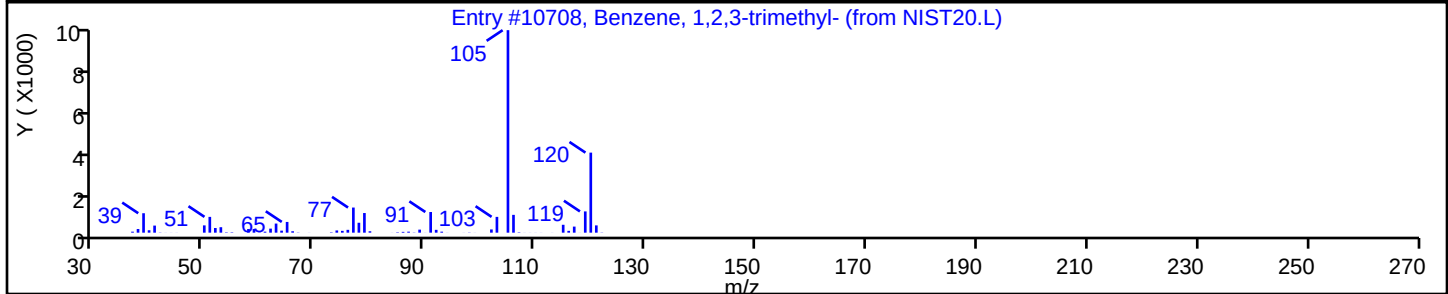
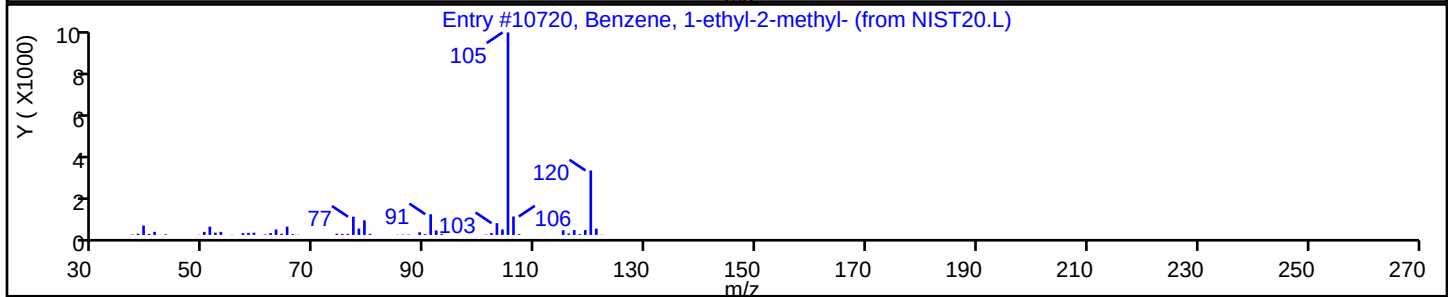
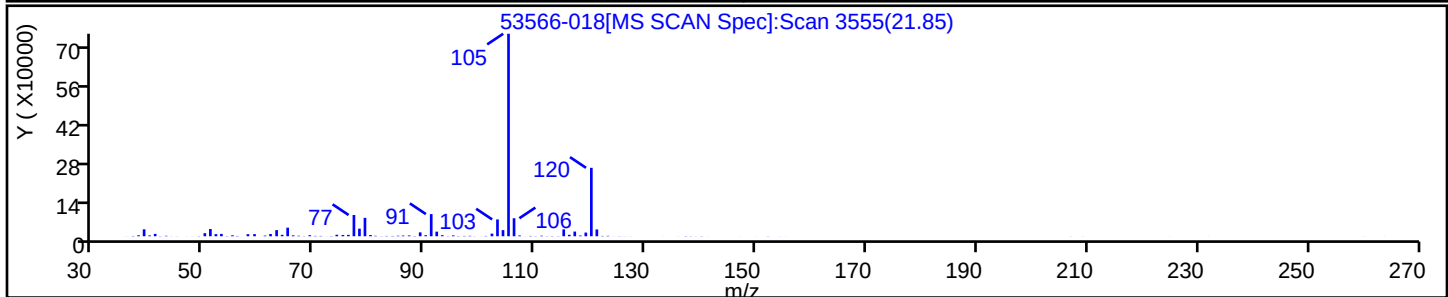
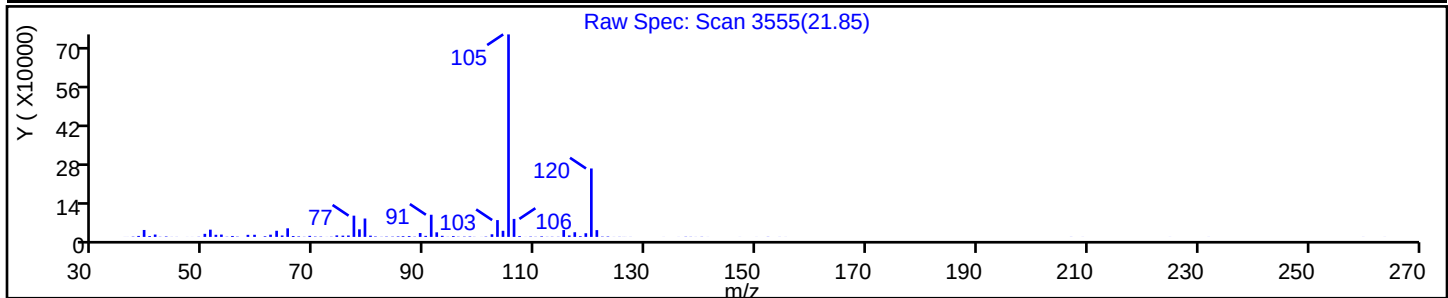
Method: TO15_TO3_MasterMethod_W

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

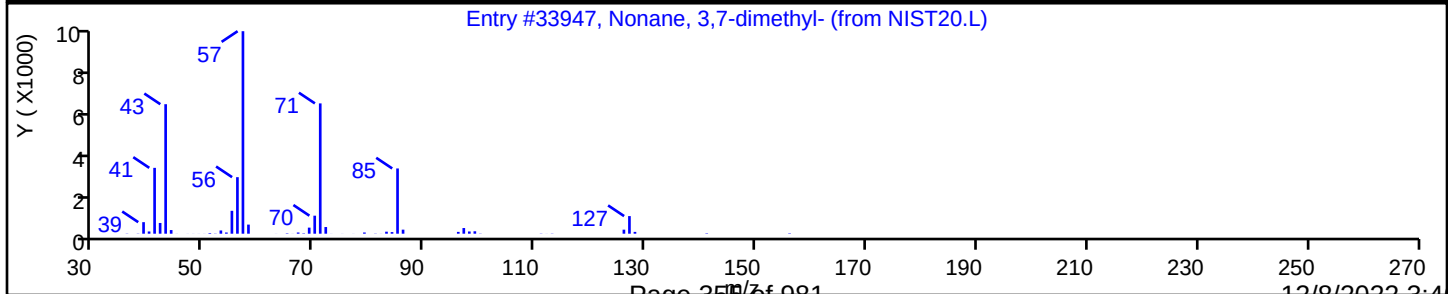
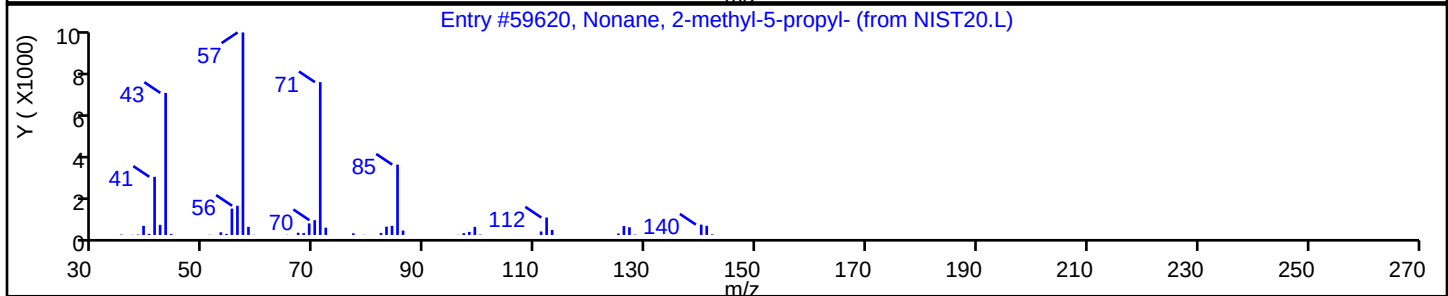
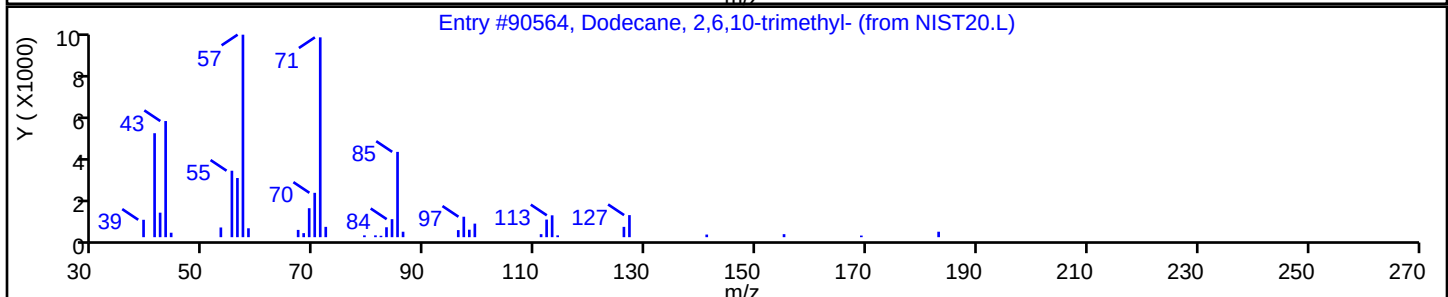
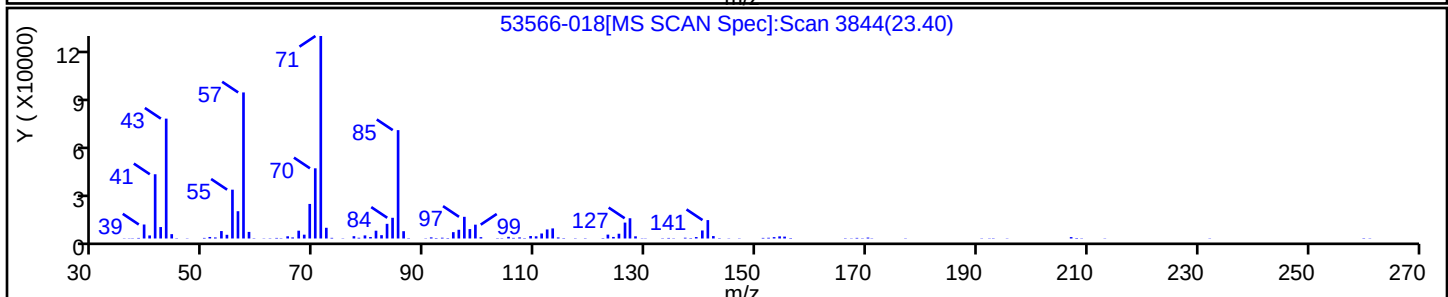
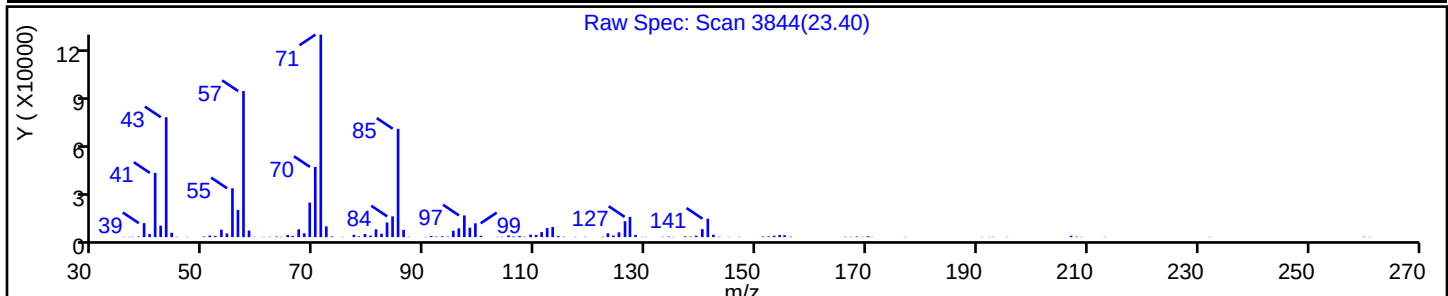
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST20.L	10720	C9H12	120	95
Benzene, 1,2,3-trimethyl-	526-73-8	NIST20.L	10708	C9H12	120	94
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST20.L	10767	C9H12	120	91



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: Detector MS SCAN

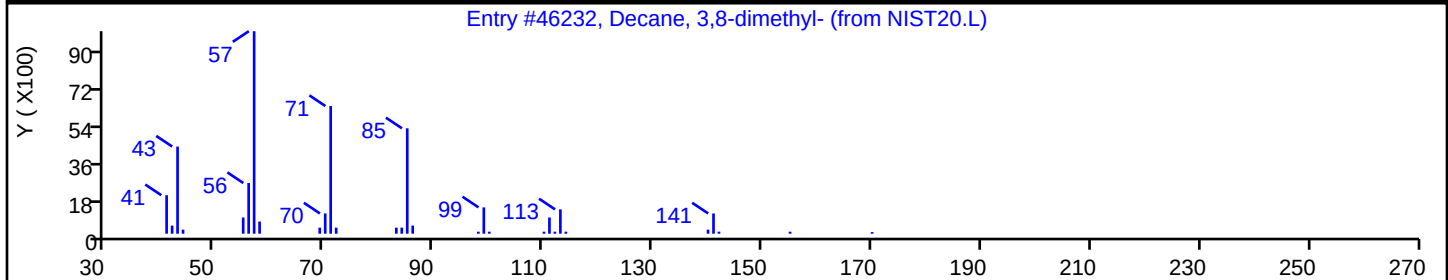
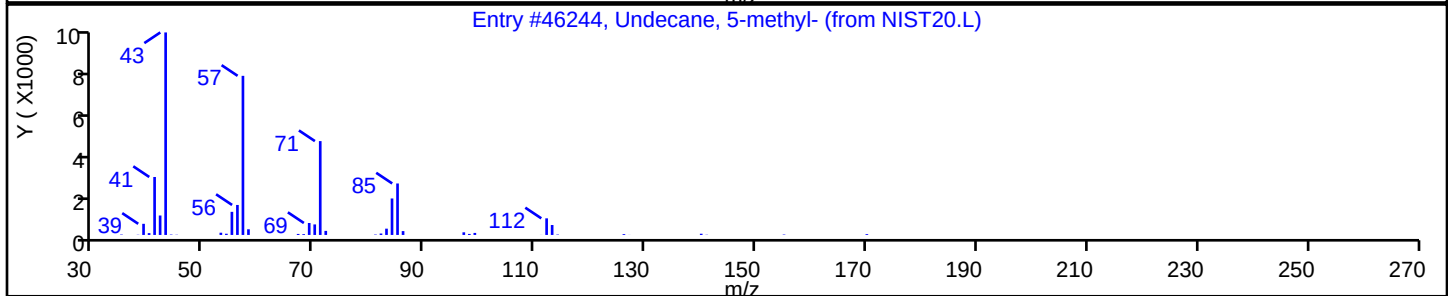
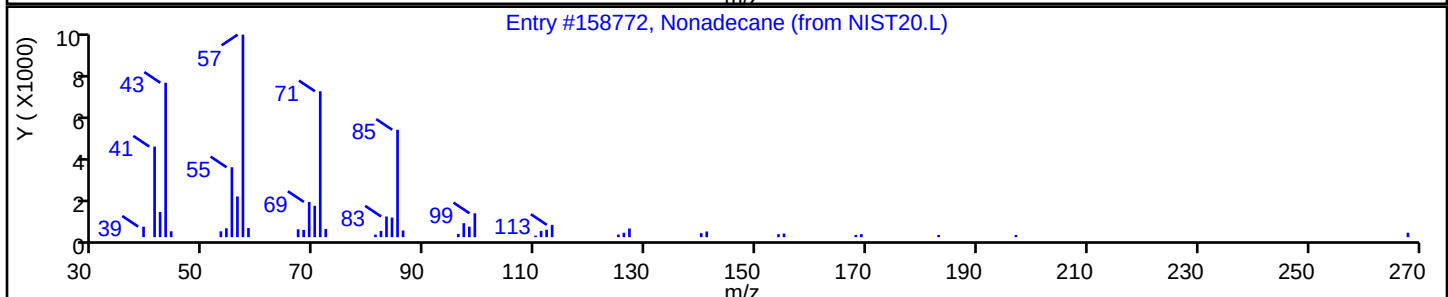
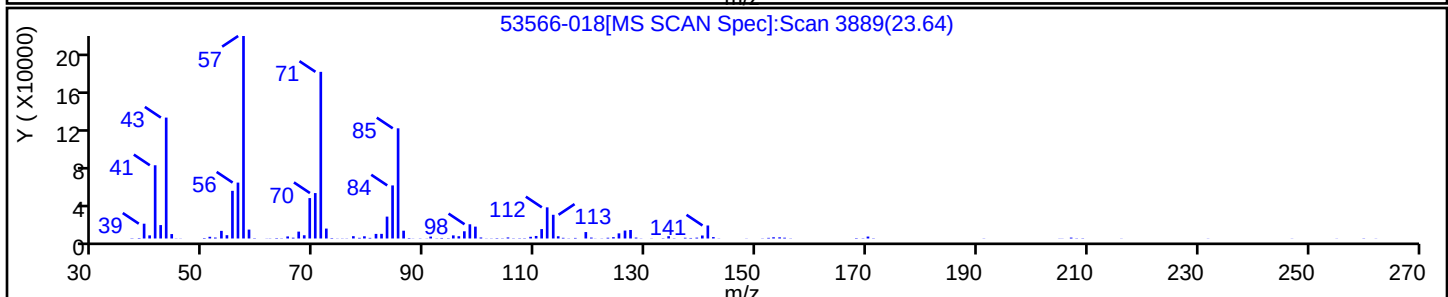
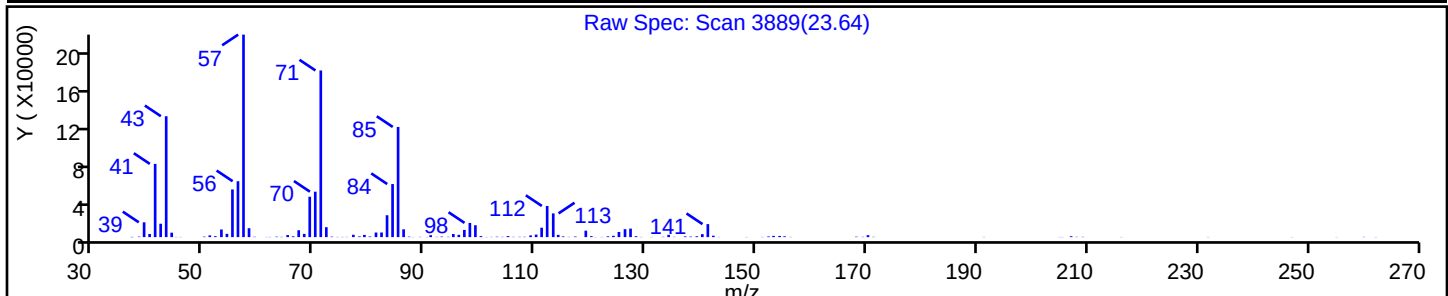
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST20.L	90564	C ₁₅ H ₃₂	212	78
Nonane, 2-methyl-5-propyl-	31081-17-1	NIST20.L	59620	C ₁₃ H ₂₈	184	59
Nonane, 3,7-dimethyl-	17302-32-8	NIST20.L	33947	C ₁₁ H ₂₄	156	59



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-018.d
Injection Date: 06-Dec-2022 22:30:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Nonadecane	629-92-5	NIST20.L	158772	C19H40	268	78
Undecane, 5-methyl-	1632-70-8	NIST20.L	46244	C12H26	170	76
Decane, 3,8-dimethyl-	17312-55-9	NIST20.L	46232	C12H26	170	72



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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: SV-3 DL Lab Sample ID: 200-65967-3 DL

Matrix: Air Lab File ID: 53566-019.d

Analysis Method: TO-15 Date Collected: 12/01/2022 14:00

Sample wt/vol: 50 (mL) Date Analyzed: 12/06/2022 23:22

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.: 186397 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.46	J D	2.0	0.44
75-45-6	Chlorodifluoromethane	86.47	0.64	J D	2.0	0.48
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.80	U	0.80	0.19
74-87-3	Chloromethane	50.49	2.0	U	2.0	0.60
106-97-8	n-Butane	58.12	96	D	2.0	0.80
75-01-4	Vinyl chloride	62.50	0.31	U	0.31	0.084
106-99-0	1,3-Butadiene	54.09	0.40	J D	0.80	0.16
74-83-9	Bromomethane	94.94	0.80	U	0.80	0.28
75-00-3	Chloroethane	64.52	2.0	U	2.0	0.72
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.80	U	0.80	0.20
75-69-4	Trichlorofluoromethane	137.37	0.24	J D	0.80	0.20
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.80	U	0.80	0.21
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	28	D	20	6.4
67-63-0	Isopropyl alcohol	60.10	20	U	20	6.4
75-15-0	Carbon disulfide	76.14	2.0	U	2.0	0.52
107-05-1	3-Chloropropene	76.53	2.0	U	2.0	0.48
75-09-2	Methylene Chloride	84.93	2.0	U	2.0	0.72
75-65-0	tert-Butyl alcohol	74.12	20	U	20	4.8
1634-04-4	Methyl tert-butyl ether	88.15	0.80	U	0.80	0.14
156-60-5	trans-1,2-Dichloroethene	96.94	0.80	U	0.80	0.092
110-54-3	n-Hexane	86.17	12	D	2.0	0.44
75-34-3	1,1-Dichloroethane	98.96	0.80	U	0.80	0.10
78-93-3	Methyl Ethyl Ketone	72.11	2.0	U	2.0	2.0
156-59-2	cis-1,2-Dichloroethene	96.94	0.52	J D	2.0	0.084
540-59-0	1,2-Dichloroethene, Total	96.94	0.52	J D	1.6	0.40
67-66-3	Chloroform	119.38	1.9	D	0.80	0.16
109-99-9	Tetrahydrofuran	72.11	20	U	20	5.2
71-55-6	1,1,1-Trichloroethane	133.41	1.3	D	0.80	0.18
110-82-7	Cyclohexane	84.16	3.6	D	0.80	0.23
56-23-5	Carbon tetrachloride	153.81	0.14	U	0.14	0.088

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: SV-3 DL Lab Sample ID: 200-65967-3 DL

Matrix: Air Lab File ID: 53566-019.d

Analysis Method: TO-15 Date Collected: 12/01/2022 14:00

Sample wt/vol: 50 (mL) Date Analyzed: 12/06/2022 23:22

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.: 186397 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	7.3	D	0.80	0.15
71-43-2	Benzene	78.11	6.0	D	0.80	0.18
107-06-2	1,2-Dichloroethane	98.96	0.80	U	0.80	0.37
142-82-5	n-Heptane	100.21	7.6	D	0.80	0.22
79-01-6	Trichloroethene	131.39	10	D	0.14	0.10
80-62-6	Methyl methacrylate	100.12	25	D	2.0	0.56
78-87-5	1,2-Dichloropropane	112.99	0.80	U	0.80	0.38
123-91-1	1,4-Dioxane	88.11	20	U	20	5.2
75-27-4	Bromodichloromethane	163.83	0.80	U	0.80	0.20
10061-01-5	cis-1,3-Dichloropropene	110.97	0.80	U	0.80	0.18
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.52
108-88-3	Toluene	92.14	45	D	0.80	0.17
10061-02-6	trans-1,3-Dichloropropene	110.97	0.80	U	0.80	0.22
79-00-5	1,1,2-Trichloroethane	133.41	0.80	U	0.80	0.30
127-18-4	Tetrachloroethene	165.83	100	D	0.80	0.084
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.60
124-48-1	Dibromochloromethane	208.28	0.80	U	0.80	0.25
106-93-4	1,2-Dibromoethane	187.87	0.80	U	0.80	0.17
108-90-7	Chlorobenzene	112.56	0.80	U	0.80	0.18
100-41-4	Ethylbenzene	106.17	49	D	0.80	0.21
179601-23-1	m,p-Xylene	106.17	190	D	2.0	0.38
95-47-6	Xylene, o-	106.17	94	D	0.80	0.21
1330-20-7	Xylene (total)	106.17	280	D	2.8	0.44
100-42-5	Styrene	104.15	0.80	U	0.80	0.24
75-25-2	Bromoform	252.75	0.80	U	0.80	0.48
98-82-8	Cumene	120.19	49	D	0.80	0.16
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.80	U	0.80	0.17
103-65-1	n-Propylbenzene	120.19	21	D	0.80	0.19
622-96-8	4-Ethyltoluene	120.20	22	D	0.80	0.20
108-67-8	1,3,5-Trimethylbenzene	120.20	22	D	0.80	0.19
95-49-8	2-Chlorotoluene	126.59	0.80	U	0.80	0.18
98-06-6	tert-Butylbenzene	134.22	0.80	U	0.80	0.19

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: SV-3 DL Lab Sample ID: 200-65967-3 DL
 Matrix: Air Lab File ID: 53566-019.d
 Analysis Method: TO-15 Date Collected: 12/01/2022 14:00
 Sample wt/vol: 50 (mL) Date Analyzed: 12/06/2022 23:22
 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.: 186397 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	120.20	47	D	0.80	0.32
135-98-8	sec-Butylbenzene	134.22	0.80	U	0.80	0.18
99-87-6	4-Isopropyltoluene	134.22	0.88	D	0.80	0.24
541-73-1	1,3-Dichlorobenzene	147.00	0.80	U	0.80	0.30
106-46-7	1,4-Dichlorobenzene	147.00	0.80	U	0.80	0.36
100-44-7	Benzyl chloride	126.58	0.80	U	0.80	0.35
104-51-8	n-Butylbenzene	134.22	0.80	U	0.80	0.44
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	1.3
87-68-3	Hexachlorobutadiene	260.76	0.80	U	0.80	0.44
91-20-3	Naphthalene	128.17	2.0	U	2.0	1.2

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: SV-3 DL Lab Sample ID: 200-65967-3 DL

Matrix: Air Lab File ID: 53566-019.d

Analysis Method: TO-15 Date Collected: 12/01/2022 14:00

Sample wt/vol: 50 (mL) Date Analyzed: 12/06/2022 23:22

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.: 186397 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.3	J D	9.9	2.2
75-45-6	Chlorodifluoromethane	86.47	2.3	J D	7.1	1.7
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	5.6	U	5.6	1.3
74-87-3	Chloromethane	50.49	4.1	U	4.1	1.2
106-97-8	n-Butane	58.12	230	D	4.8	1.9
75-01-4	Vinyl chloride	62.50	0.80	U	0.80	0.21
106-99-0	1,3-Butadiene	54.09	0.87	J D	1.8	0.35
74-83-9	Bromomethane	94.94	3.1	U	3.1	1.1
75-00-3	Chloroethane	64.52	5.3	U	5.3	1.9
593-60-2	Bromoethene (Vinyl Bromide)	106.96	3.5	U	3.5	0.87
75-69-4	Trichlorofluoromethane	137.37	1.3	J D	4.5	1.1
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	6.1	U	6.1	1.6
75-35-4	1,1-Dichloroethene	96.94	0.56	U	0.56	0.41
67-64-1	Acetone	58.08	66	D	48	15
67-63-0	Isopropyl alcohol	60.10	49	U	49	16
75-15-0	Carbon disulfide	76.14	6.2	U	6.2	1.6
107-05-1	3-Chloropropene	76.53	6.3	U	6.3	1.5
75-09-2	Methylene Chloride	84.93	6.9	U	6.9	2.5
75-65-0	tert-Butyl alcohol	74.12	61	U	61	15
1634-04-4	Methyl tert-butyl ether	88.15	2.9	U	2.9	0.52
156-60-5	trans-1,2-Dichloroethene	96.94	3.2	U	3.2	0.36
110-54-3	n-Hexane	86.17	41	D	7.0	1.6
75-34-3	1,1-Dichloroethane	98.96	3.2	U	3.2	0.40
78-93-3	Methyl Ethyl Ketone	72.11	5.9	U	5.9	5.8
156-59-2	cis-1,2-Dichloroethene	96.94	2.1	J D	8.0	0.33
540-59-0	1,2-Dichloroethene, Total	96.94	2.1	J D	6.3	1.6
67-66-3	Chloroform	119.38	9.4	D	3.9	0.80
109-99-9	Tetrahydrofuran	72.11	59	U	59	15
71-55-6	1,1,1-Trichloroethane	133.41	6.9	D	4.4	0.96
110-82-7	Cyclohexane	84.16	12	D	2.8	0.80
56-23-5	Carbon tetrachloride	153.81	0.88	U	0.88	0.55

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: SV-3 DL Lab Sample ID: 200-65967-3 DL

Matrix: Air Lab File ID: 53566-019.d

Analysis Method: TO-15 Date Collected: 12/01/2022 14:00

Sample wt/vol: 50 (mL) Date Analyzed: 12/06/2022 23:22

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.: 186397 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
540-84-1	2,2,4-Trimethylpentane	114.23	34	D	3.7	0.71
71-43-2	Benzene	78.11	19	D	2.6	0.56
107-06-2	1,2-Dichloroethane	98.96	3.2	U	3.2	1.5
142-82-5	n-Heptane	100.21	31	D	3.3	0.90
79-01-6	Trichloroethene	131.39	56	D	0.75	0.54
80-62-6	Methyl methacrylate	100.12	100	D	8.2	2.3
78-87-5	1,2-Dichloropropane	112.99	3.7	U	3.7	1.7
123-91-1	1,4-Dioxane	88.11	72	U	72	19
75-27-4	Bromodichloromethane	163.83	5.4	U	5.4	1.3
10061-01-5	cis-1,3-Dichloropropene	110.97	3.6	U	3.6	0.82
108-10-1	methyl isobutyl ketone	100.16	8.2	U	8.2	2.1
108-88-3	Toluene	92.14	170	D	3.0	0.63
10061-02-6	trans-1,3-Dichloropropene	110.97	3.6	U	3.6	0.98
79-00-5	1,1,2-Trichloroethane	133.41	4.4	U	4.4	1.6
127-18-4	Tetrachloroethene	165.83	680	D	5.4	0.57
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	8.2	U	8.2	2.5
124-48-1	Dibromochloromethane	208.28	6.8	U	6.8	2.1
106-93-4	1,2-Dibromoethane	187.87	6.1	U	6.1	1.3
108-90-7	Chlorobenzene	112.56	3.7	U	3.7	0.81
100-41-4	Ethylbenzene	106.17	210	D	3.5	0.90
179601-23-1	m,p-Xylene	106.17	810	D	8.7	1.7
95-47-6	Xylene, o-	106.17	410	D	3.5	0.90
1330-20-7	Xylene (total)	106.17	1200	D	12	1.9
100-42-5	Styrene	104.15	3.4	U	3.4	1.0
75-25-2	Bromoform	252.75	8.3	U	8.3	5.0
98-82-8	Cumene	120.19	240	D	3.9	0.81
79-34-5	1,1,2,2-Tetrachloroethane	167.85	5.5	U	5.5	1.2
103-65-1	n-Propylbenzene	120.19	100	D	3.9	0.92
622-96-8	4-Ethyltoluene	120.20	110	D	3.9	0.96
108-67-8	1,3,5-Trimethylbenzene	120.20	110	D	3.9	0.92
95-49-8	2-Chlorotoluene	126.59	4.1	U	4.1	0.95
98-06-6	tert-Butylbenzene	134.22	4.4	U	4.4	1.0

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: SV-3 DL Lab Sample ID: 200-65967-3 DL
 Matrix: Air Lab File ID: 53566-019.d
 Analysis Method: TO-15 Date Collected: 12/01/2022 14:00
 Sample wt/vol: 50 (mL) Date Analyzed: 12/06/2022 23:22
 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.: 186397 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	120.20	230	D	3.9	1.6
135-98-8	sec-Butylbenzene	134.22	4.4	U	4.4	0.99
99-87-6	4-Isopropyltoluene	134.22	4.8	D	4.4	1.3
541-73-1	1,3-Dichlorobenzene	147.00	4.8	U	4.8	1.8
106-46-7	1,4-Dichlorobenzene	147.00	4.8	U	4.8	2.1
100-44-7	Benzyl chloride	126.58	4.1	U	4.1	1.8
104-51-8	n-Butylbenzene	134.22	4.4	U	4.4	2.4
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	9.8
87-68-3	Hexachlorobutadiene	260.76	8.5	U	8.5	4.7
91-20-3	Naphthalene	128.17	10	U	10	6.3

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

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-65967-1</u>
SDG No.: _____	
Client Sample ID: <u>SV-3 DL</u>	Lab Sample ID: <u>200-65967-3 DL</u>
Matrix: <u>Air</u>	Lab File ID: <u>53566-019.d</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>12/01/2022 14:00</u>
Sample wt/vol: <u>50 (mL)</u>	Date Analyzed: <u>12/06/2022 23:22</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>4</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>186397</u>	Units: <u>ppb v/v</u>
Number TICs Found: <u>10</u>	TIC Result Total: <u>458</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
811-97-2	Norflurane	3.97	25	D J N	90%
78-78-4	Butane, 2-methyl-	6.22	81	D J N	91%
109-66-0	Pentane	6.79	64	D J N	91%
3221-61-2	Octane, 2-methyl-	18.08	40	D J N	93%
2216-33-3	Octane, 3-methyl-	18.31	26	D J N	91%
111-84-2	Nonane	19.10	38	D J N	93%
620-14-4	Benzene, 1-ethyl-3-methyl-	21.40	86	D J N	95%
611-14-3	Benzene, 1-ethyl-2-methyl-	21.86	36	D J N	95%
	Unknown	23.31	27	D J	
	Unknown	23.64	35	D J	

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d
 Lims ID: 200-65967-A-3
 Client ID: SV-3
 Sample Type: Client
 Inject. Date: 06-Dec-2022 23:22:30 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 200.000 mL Dil. Factor: 4.0000
 Sample Info: 200-0053566-019
 Misc. Info.: 65967-3dl
 Operator ID: vtp Instrument ID: CHW.i
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 07-Dec-2022 09:25:07 Calib Date: 01-Dec-2022 23:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-013.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1659

First Level Reviewer: BKZ7

Date: 07-Dec-2022 09:25:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
2 Dichlorodifluoromethane	85	4.169	4.169	0.000	98	5350	0.1158	
3 Chlorodifluoromethane	51	4.217	4.210	0.005	96	3433	0.1599	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.511				ND	7
5 Chloromethane	50	4.634	4.627	0.005	34	1152	0.0911	
6 Vinyl chloride	62		4.923				ND	
7 Butane	43	4.929	4.926	0.000	99	404306	24.0	
8 Butadiene	54	5.046	5.033	0.010	61	1281	0.0989	
9 Bromomethane	94		5.736				ND	7
10 Chloroethane	64		6.004				ND	7
13 Vinyl bromide	106		6.421				ND	MU
14 Trichlorofluoromethane	101	6.576	6.579	-0.006	94	2596	0.0600	
20 1,1-Dichloroethene	96		7.630				ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoro	101		7.673				ND	MU
22 Acetone	43	7.726	7.707	0.016	96	90966	6.90	
23 Isopropyl alcohol	45		8.005				ND	
24 Carbon disulfide	76	8.042	8.031	0.005	97	3626	0.0970	
26 3-Chloro-1-propene	41		8.326				ND	
27 Methylene Chloride	49	8.550	8.546	0.000	32	982	0.0965	
28 2-Methyl-2-propanol	59	8.818	8.775	0.043	99	11102	0.5405	
30 trans-1,2-Dichloroethene	61		9.053				ND	7
31 Methyl tert-butyl ether	73		9.064				ND	7
32 Hexane	57	9.561	9.552	0.005	88	45254	2.90	
33 1,1-Dichloroethane	63		9.802				ND	7
S 35 1,2-Dichloroethene, Total	61				0		0.1302	
36 2-Butanone (MEK)	72	10.803	10.760	0.037	95	2369	0.4170	
37 cis-1,2-Dichloroethene	96	10.786	10.792	-0.006	76	1916	0.1302	
* 39 Chlorobromomethane	128	11.198	11.198	0.000	73	100629	10.0	
40 Tetrahydrofuran	42		11.247				ND	
41 Chloroform	83	11.380	11.370	0.005	95	12846	0.4835	
42 1,1,1-Trichloroethane	97	11.675	11.680	-0.005	89	9509	0.3173	
43 Cyclohexane	84	11.819	11.819	0.000	89	16109	0.8889	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
44 Carbon tetrachloride	117		11.958				ND	MU
45 Benzene	78	12.300	12.301	0.000	93	59689	1.50	
46 1,2-Dichloroethane	62		12.375				ND	MU
47 Isooctane	57	12.525	12.525	0.000	98	90699	1.81	
48 n-Heptane	43	12.835	12.835	0.000	85	30233	1.90	
* 49 1,4-Difluorobenzene	114	13.039	13.039	0.000	92	498593	10.0	
51 Trichloroethene	95	13.467	13.467	0.000	94	54502	2.62	
53 1,2-Dichloropropane	63		13.921				ND	
54 Methyl methacrylate	69	14.023	14.018	0.005	92	71509	6.15	
55 1,4-Dioxane	88		14.061				ND	MU
58 Dichlorobromomethane	83		14.387				ND	MU
59 cis-1,3-Dichloropropene	75		15.189				ND	7
61 4-Methyl-2-pentanone (MIBK)	43		15.457				ND	MU
62 Toluene	92	15.831	15.837	0.000	93	314597	11.1	
66 trans-1,3-Dichloropropene	75		16.249				ND	7
67 1,1,2-Trichloroethane	83		16.618				ND	MU
68 Tetrachloroethene	166	16.821	16.810	0.000	95	816756	25.0	
69 2-Hexanone	43		17.035				ND	MU
70 Chlorodibromomethane	129		17.356				ND	
71 Ethylene Dibromide	107		17.591				ND	
* 73 Chlorobenzene-d5	117	18.501	18.506	-0.005	82	389412	10.0	
74 Chlorobenzene	112		18.565				ND	7
75 Ethylbenzene	91	18.763	18.752	0.005	96	741959	12.2	
76 m-Xylene & p-Xylene	106	19.009	19.020	-0.016	0	1197949	46.4	
78 o-Xylene	106	19.795	19.790	0.000	99	610695	23.4	
79 Styrene	104		19.833				ND	MU
S 80 Xylenes, Total	106				0		69.8	
81 Bromoform	173		20.186				ND	
82 Isopropylbenzene	105	20.523	20.517	0.000	97	912054	12.3	
83 1,1,2,2-Tetrachloroethane	83		21.053				ND	MU
85 N-Propylbenzene	91	21.261	21.255	0.000	100	428110	5.30	
86 2-Chlorotoluene	91		21.406				ND	MU
87 4-Ethyltoluene	105	21.464	21.458	-0.001	99	393902	5.54	
88 1,3,5-Trimethylbenzene	105	21.561	21.555	0.000	94	332057	5.43	
91 tert-Butylbenzene	119		22.053				ND	
92 1,2,4-Trimethylbenzene	105	22.144	22.138	0.000	96	720236	11.8	
93 sec-Butylbenzene	105		22.385				ND	
94 1,3-Dichlorobenzene	146		22.556				ND	7
95 4-Isopropyltoluene	119	22.604	22.598	0.000	97	16914	0.2198	
96 1,4-Dichlorobenzene	146		22.700				ND	7
97 Benzyl chloride	91		22.845				ND	
98 n-Butylbenzene	91		23.160				ND	
99 1,2-Dichlorobenzene	146		23.182				ND	MU
102 1,2,4-Trichlorobenzene	180		25.562				ND	7
103 Hexachlorobutadiene	225		25.803				ND	7
104 Naphthalene	128	26.028	26.022	0.011	96	1808	0.0366	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15WISs_00010

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington
Tentatively Identified Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d
 Lims ID: 200-65967-A-3
 Client ID: SV-3
 Sample Type: Client
 Inject. Date: 06-Dec-2022 23:22:30 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 200.000 mL Dil. Factor: 4.0000
 Sample Info: 200-0053566-019
 Misc. Info.: 65967-3dl
 Operator ID: vtp Instrument ID: CHW.i
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 07-Dec-2022 09:25:07 Calib Date: 01-Dec-2022 23:39:30
 Tic RT Window: 0.000 -0.000 Response: area
 Quant By: Nearest ISTD Quant LOD: 10.00000
 MS Library: \\chromfs\Burlington\Database\NIST20.L
 Min. Match: 1
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1659
 First Level Reviewer: BKZ7 Date: 07-Dec-2022 09:25:07

Tentative Identified Compound Results

RT	Area	Amount ppb v/v	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
811-97-2	Norflurane							
3.966	324630	6.17	39	90	4698	C2H2F4	102	
78-78-4	Butane, 2-methyl-							
6.218	1067811	20.3	39	91	815	C5H12	72	
109-66-0	Pentane							
6.790	836494	15.9	39	91	812	C5H12	72	
3221-61-2	Octane, 2-methyl-							
18.078	1169068	10.0	73	93	14600	C9H20	128	
2216-33-3	Octane, 3-methyl-							
18.308	752358	6.46	73	91	14578	C9H20	128	
111-84-2	Nonane							
19.100	1119701	9.61	73	93	14522	C9H20	128	
620-14-4	Benzene, 1-ethyl-3-methyl-							
21.400	2495731	21.4	73	95	10767	C9H12	120	
611-14-3	Benzene, 1-ethyl-2-methyl-							
21.855	1059900	9.09	73	95	10720	C9H12	120	
	Unknown							
23.305	782203	6.71	73	0	0		0	
	Unknown							
23.642	1019694	8.75	73	0	0		0	

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d

Quantitation Compounds

Compound	RT	Area	Amount ppb v/v
* 39 Chlorobromomethane	11.198	526336	10.0
* 73 Chlorobenzene-d5	18.506	1165508	10.0

QC Flag Legend

Processing Flags

Reagents:

ATTO15WISs_00010

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 07-Dec-2022 09:25:07

Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d

Injection Date: 06-Dec-2022 23:22:30

Instrument ID: CHW.i

Operator ID: vtp

Lims ID: 200-65967-A-3

Lab Sample ID: 200-65967-3

Worklist Smp#: 19

Client ID: SV-3

Purge Vol: 200.000 mL

Dil. Factor: 4.0000

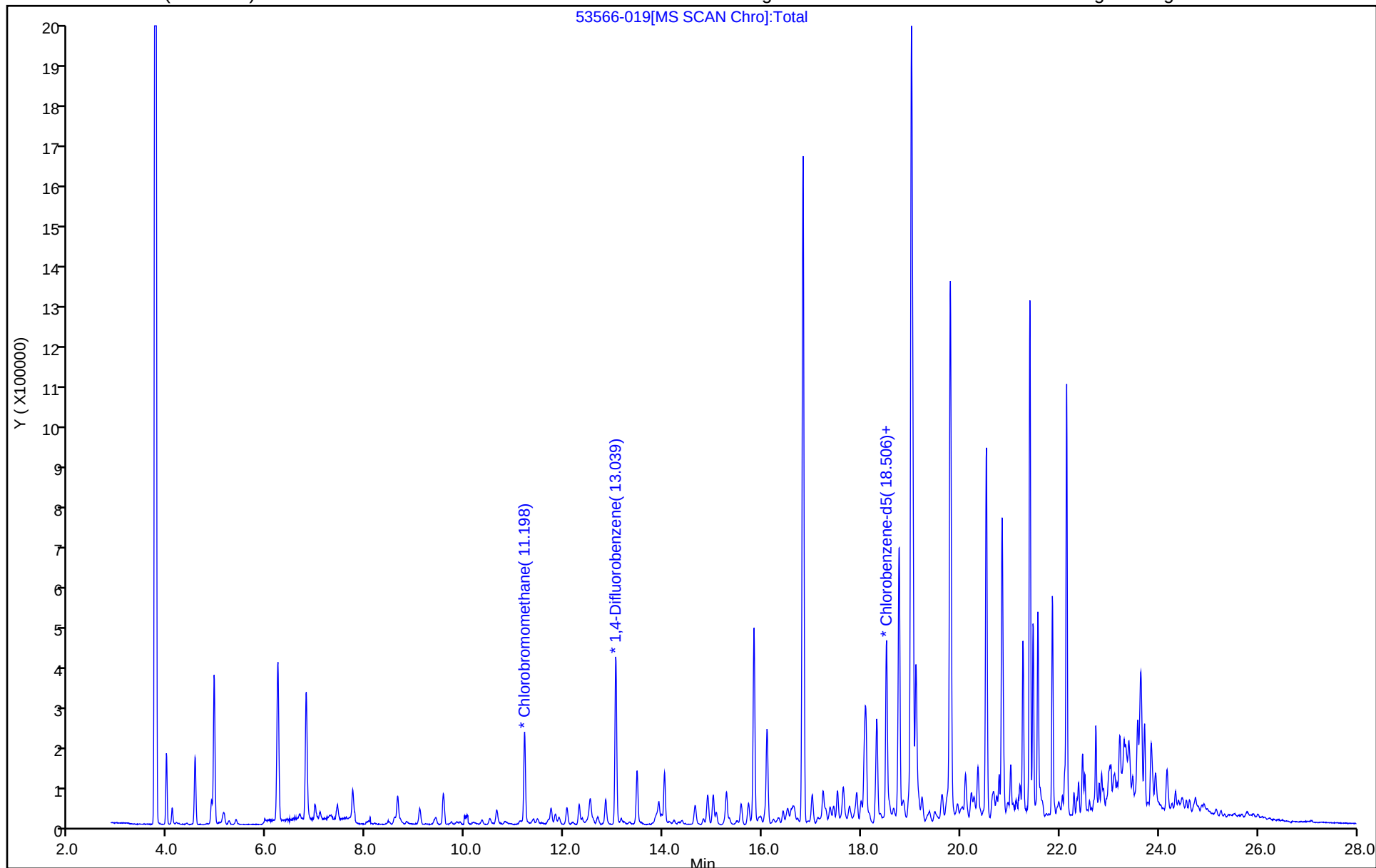
ALS Bottle#: 18

Method: TO15_TO3_MasterMethod_W

Limit Group: AI_TO15_ICAL

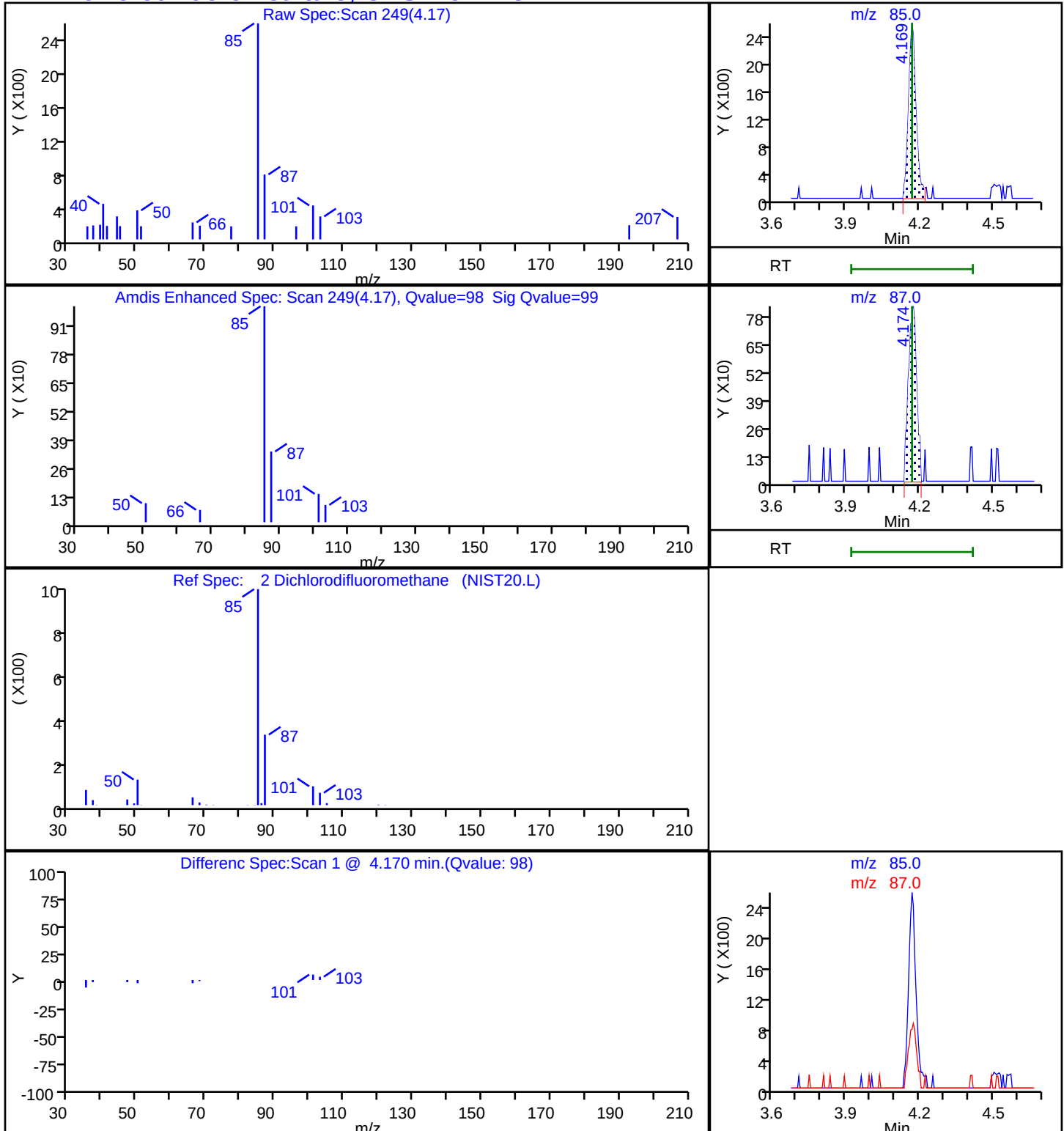
Column: RTX-624 (0.32 mm)

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



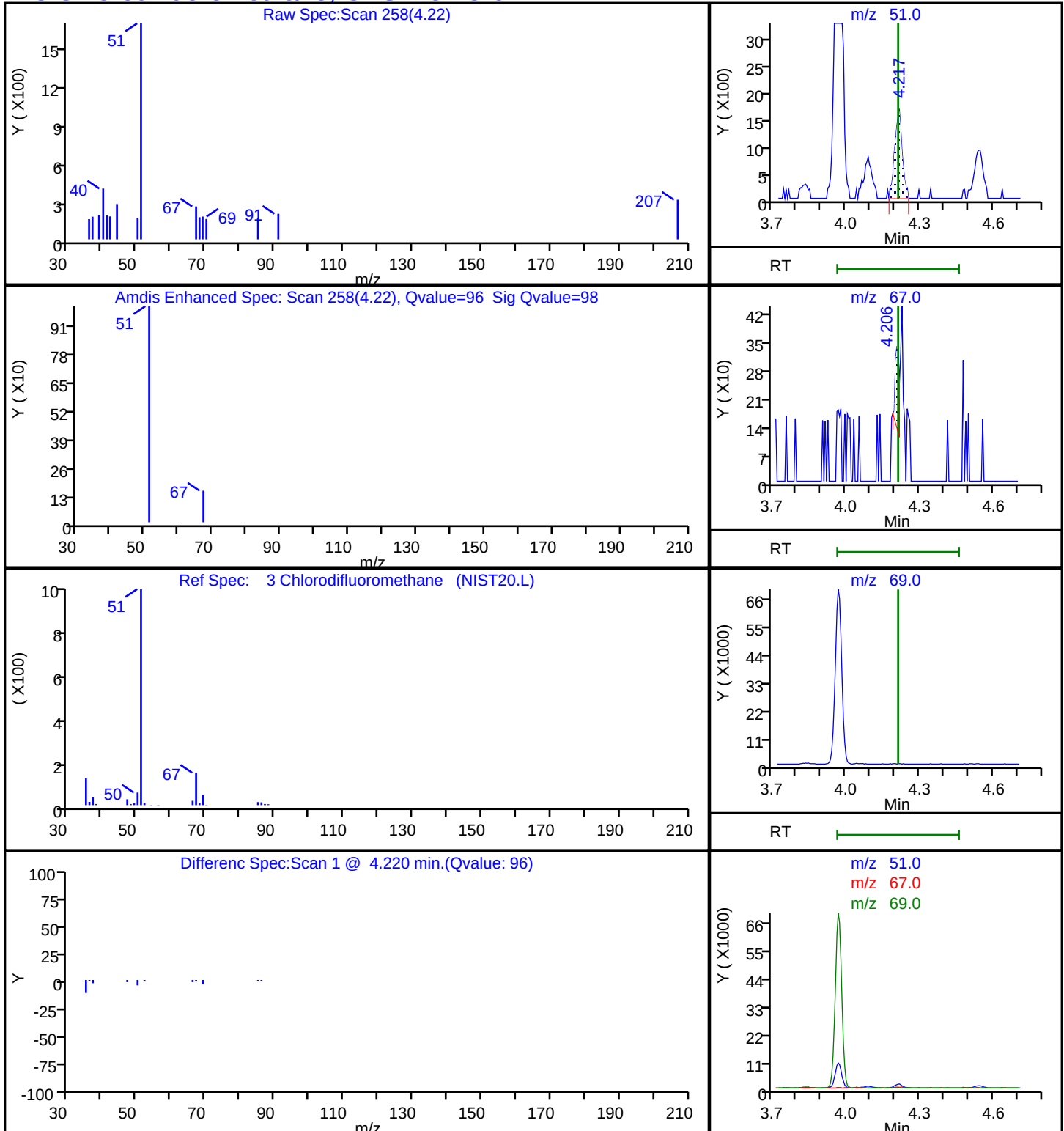
Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d
Injection Date: 06-Dec-2022 23:22:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
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

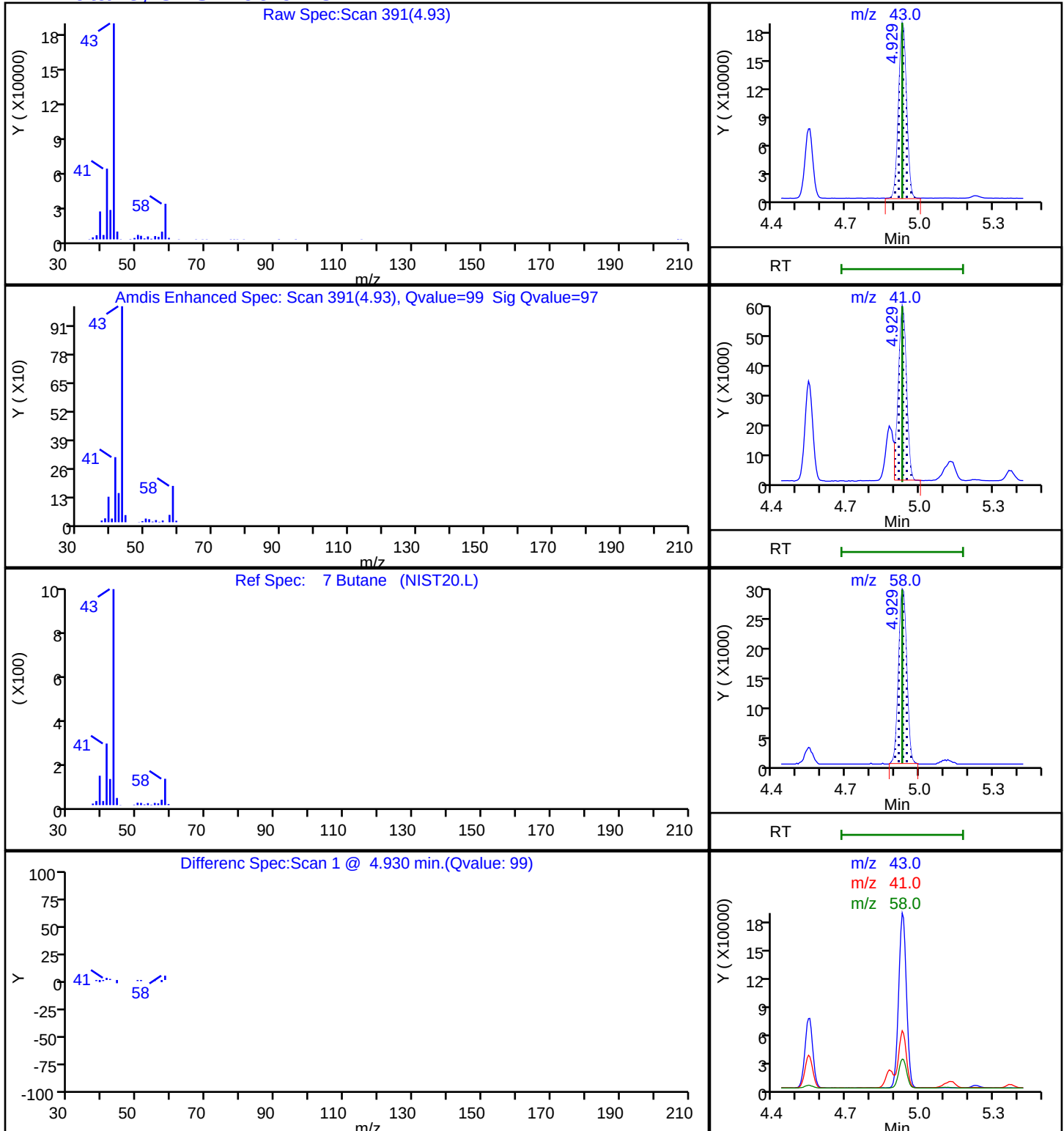
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Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 4.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

3 Chlorodifluoromethane, CAS: 75-45-6

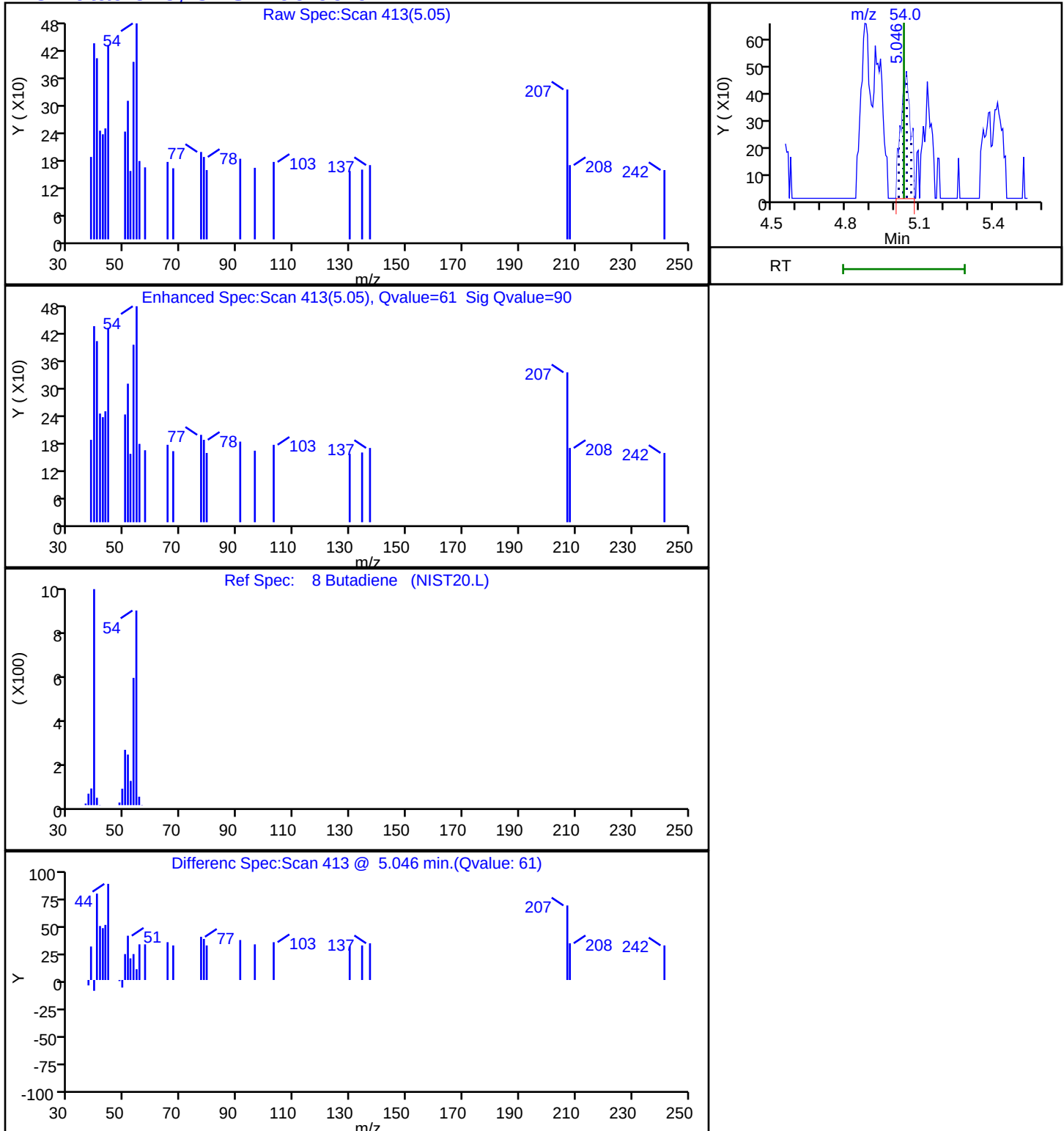
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Purge Vol: 200.000 mL Dil. Factor: 4.0000
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7 Butane, CAS: 106-97-8

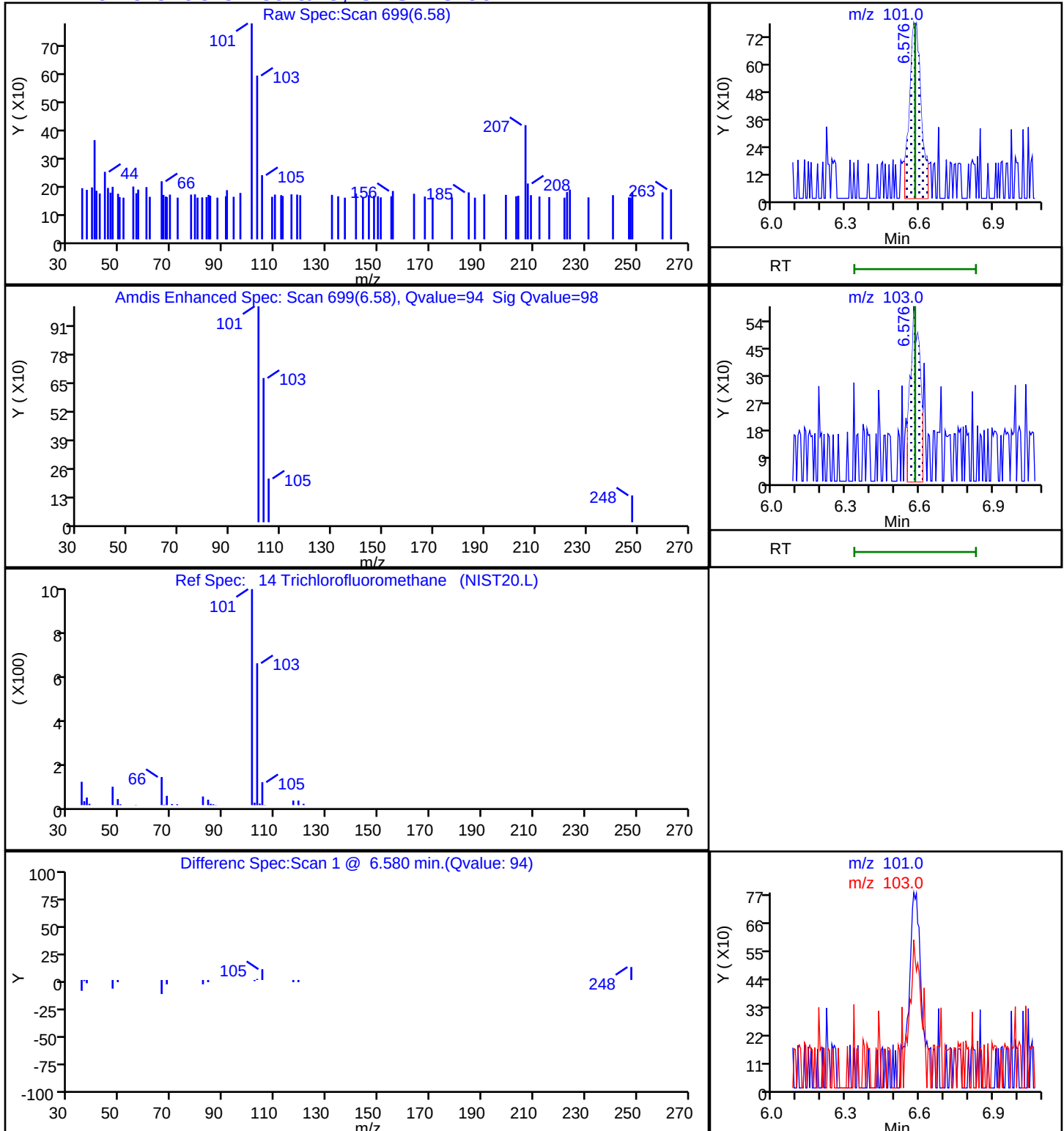
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8 Butadiene, CAS: 106-99-0

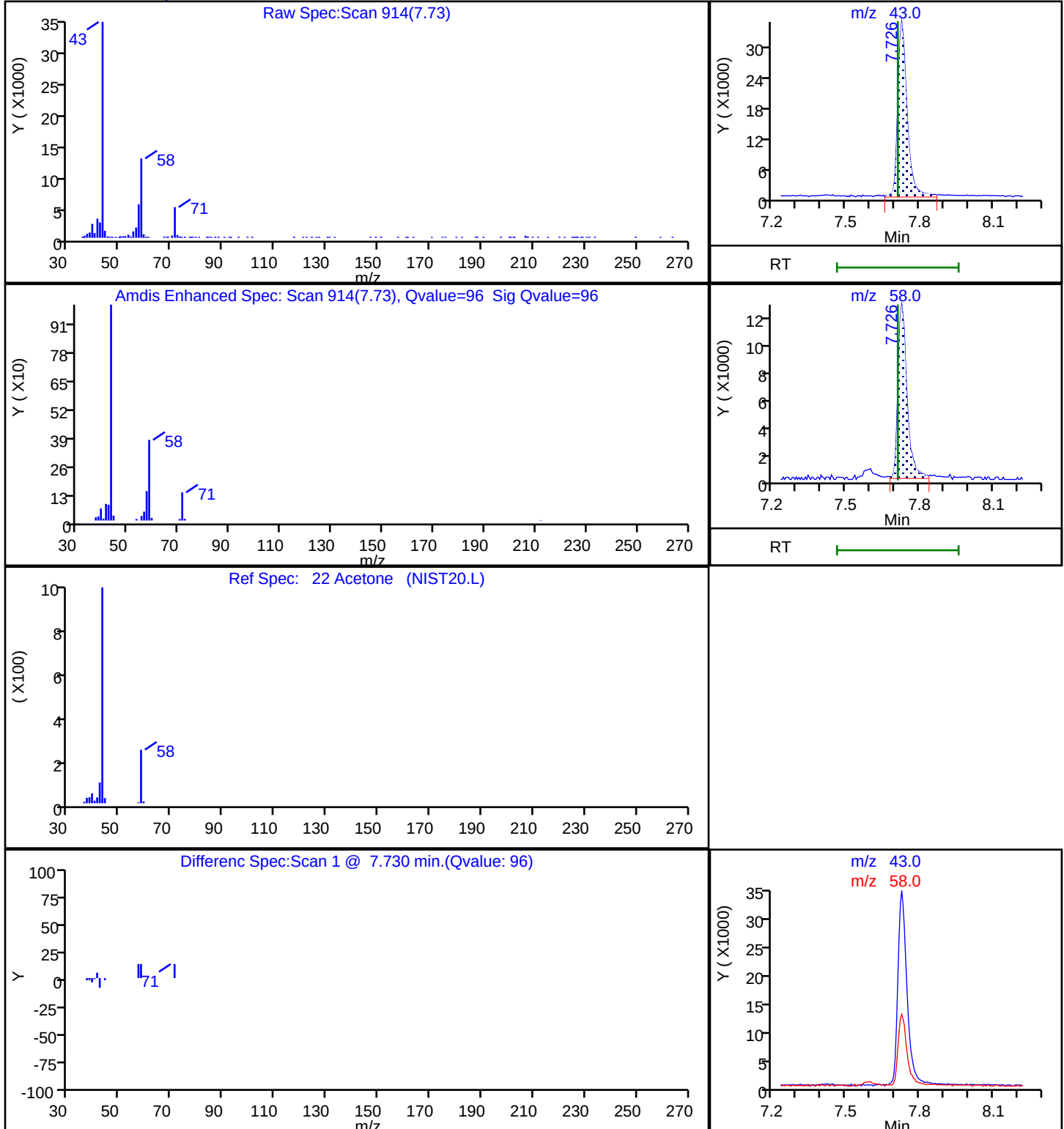
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Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

14 Trichlorofluoromethane, CAS: 75-69-4

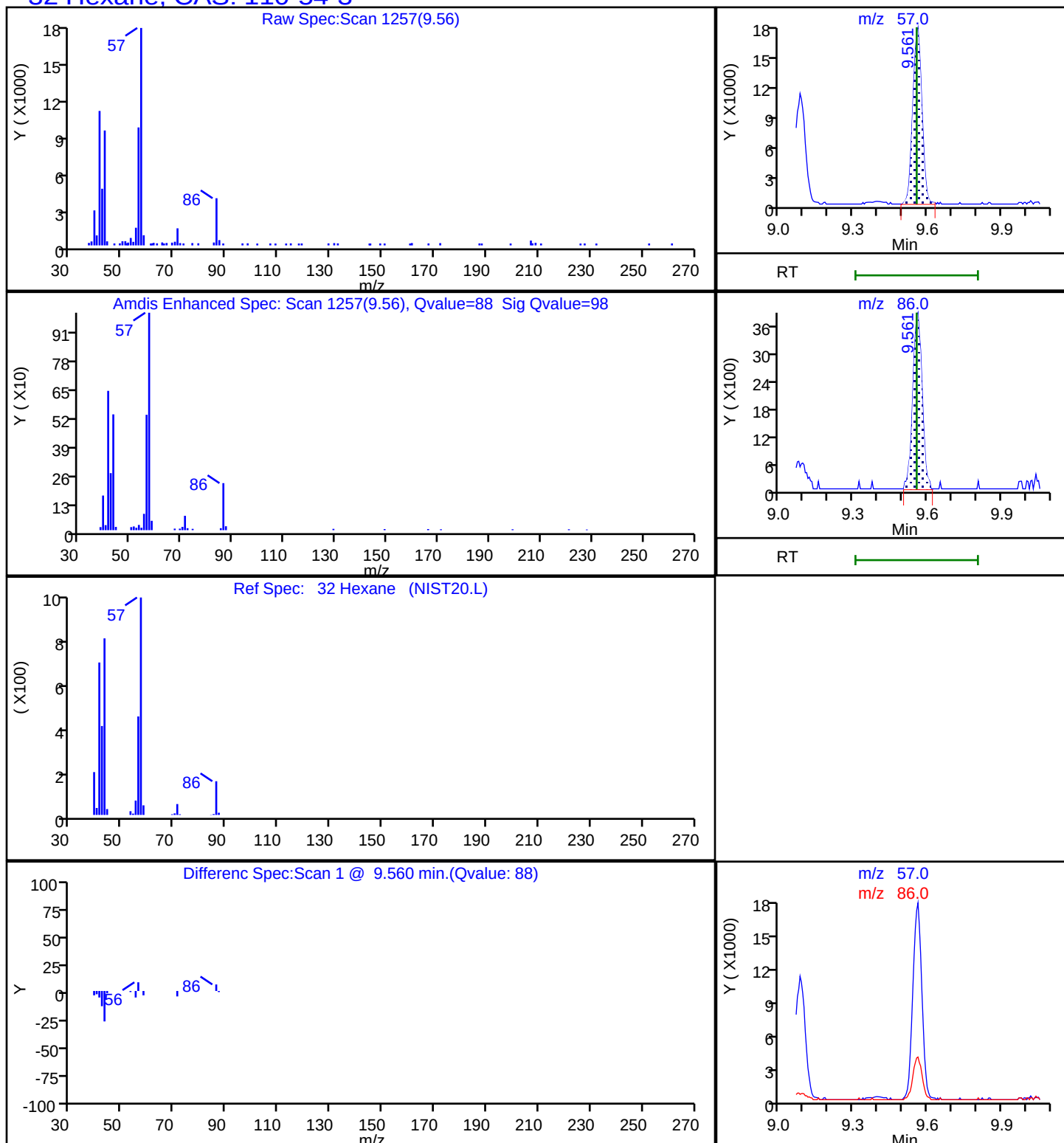
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Purge Vol: 200.000 mL Dil. Factor: 4.0000
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Column: RTX-624 (0.32 mm) Detector MS SCAN

22 Acetone, CAS: 67-64-1

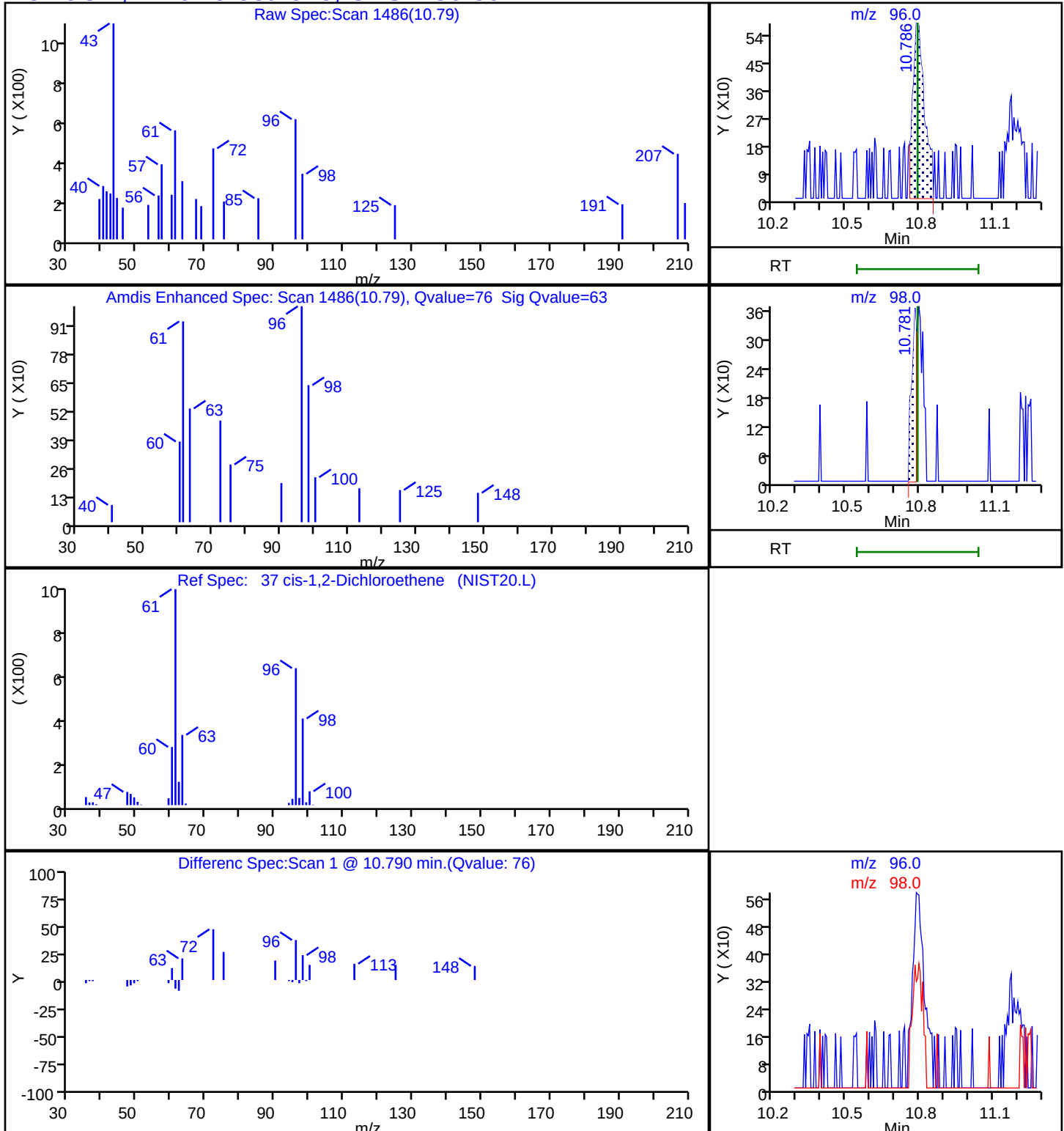
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Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 4.0000
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32 Hexane, CAS: 110-54-3

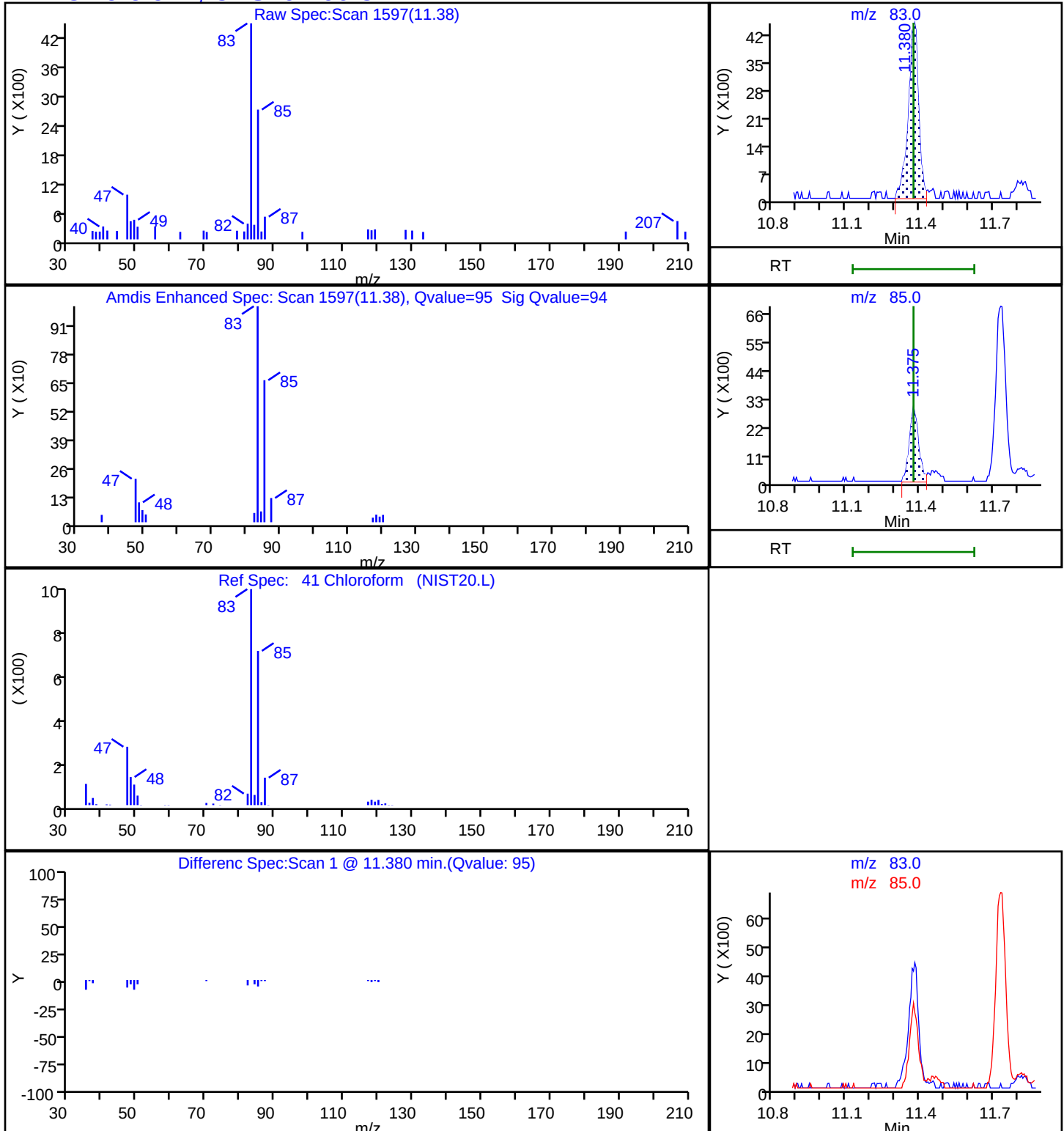
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Purge Vol: 200.000 mL Dil. Factor: 4.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

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

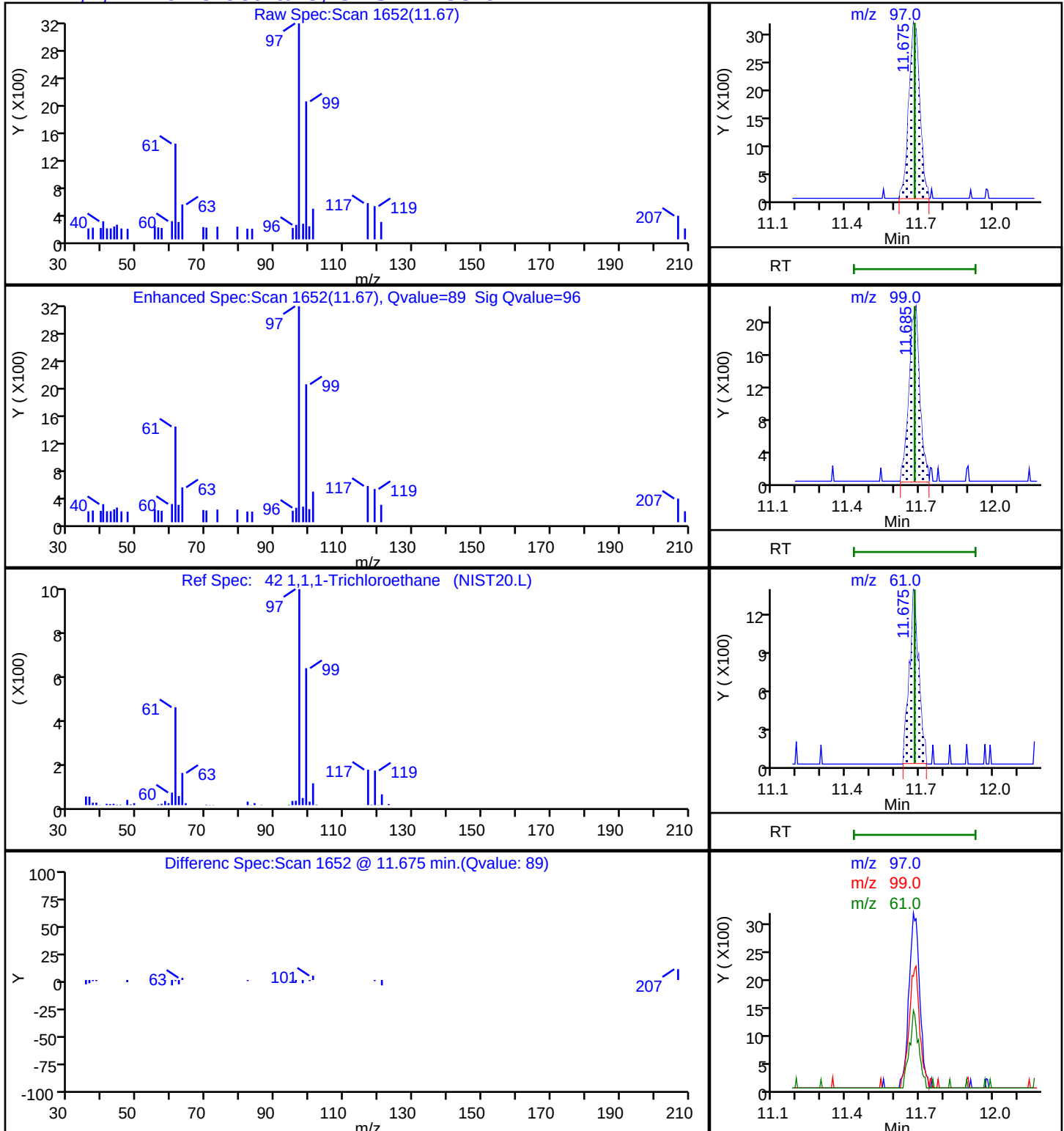
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Purge Vol: 200.000 mL Dil. Factor: 4.0000
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41 Chloroform, CAS: 67-66-3

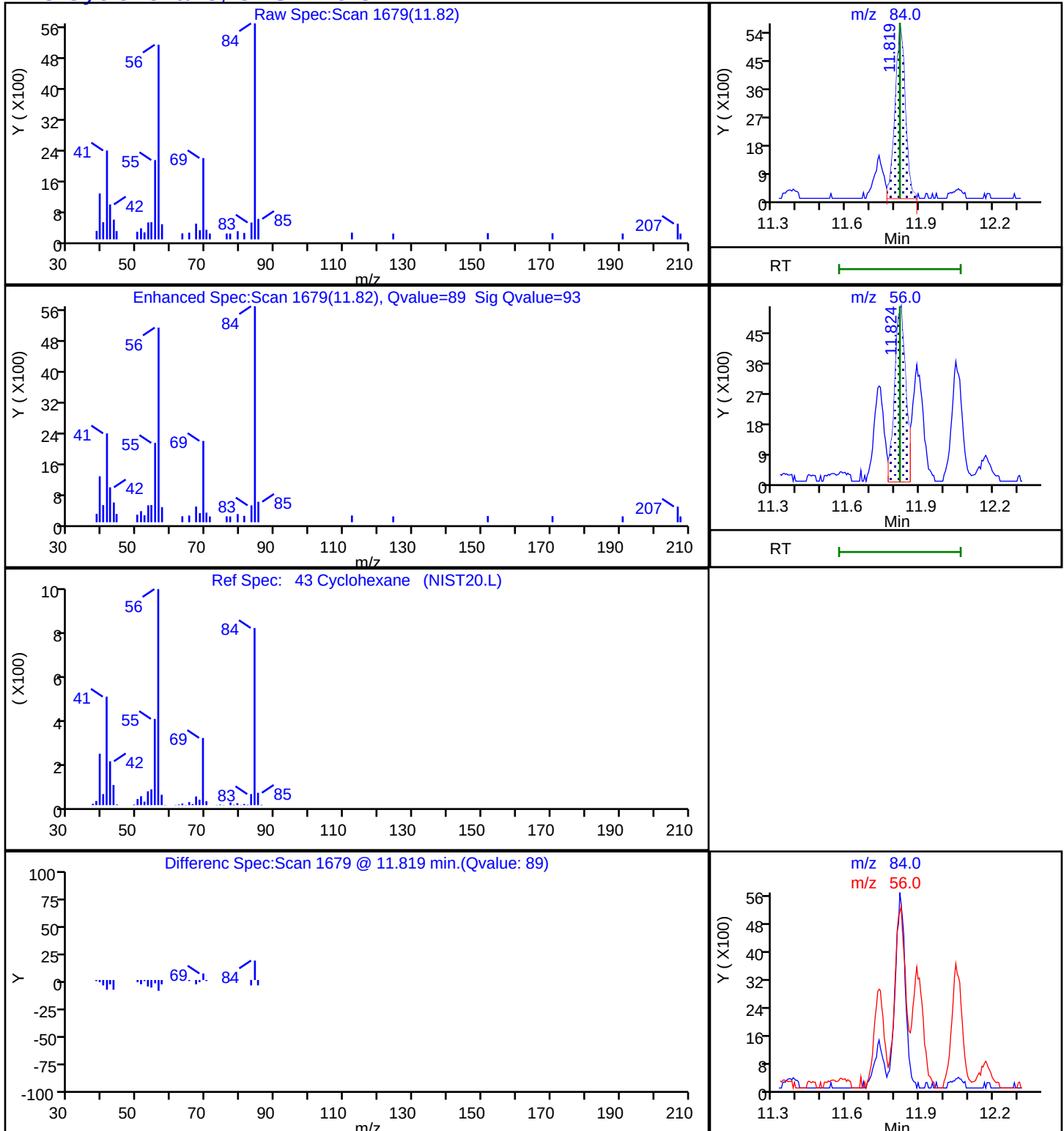
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Purge Vol: 200.000 mL Dil. Factor: 4.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

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

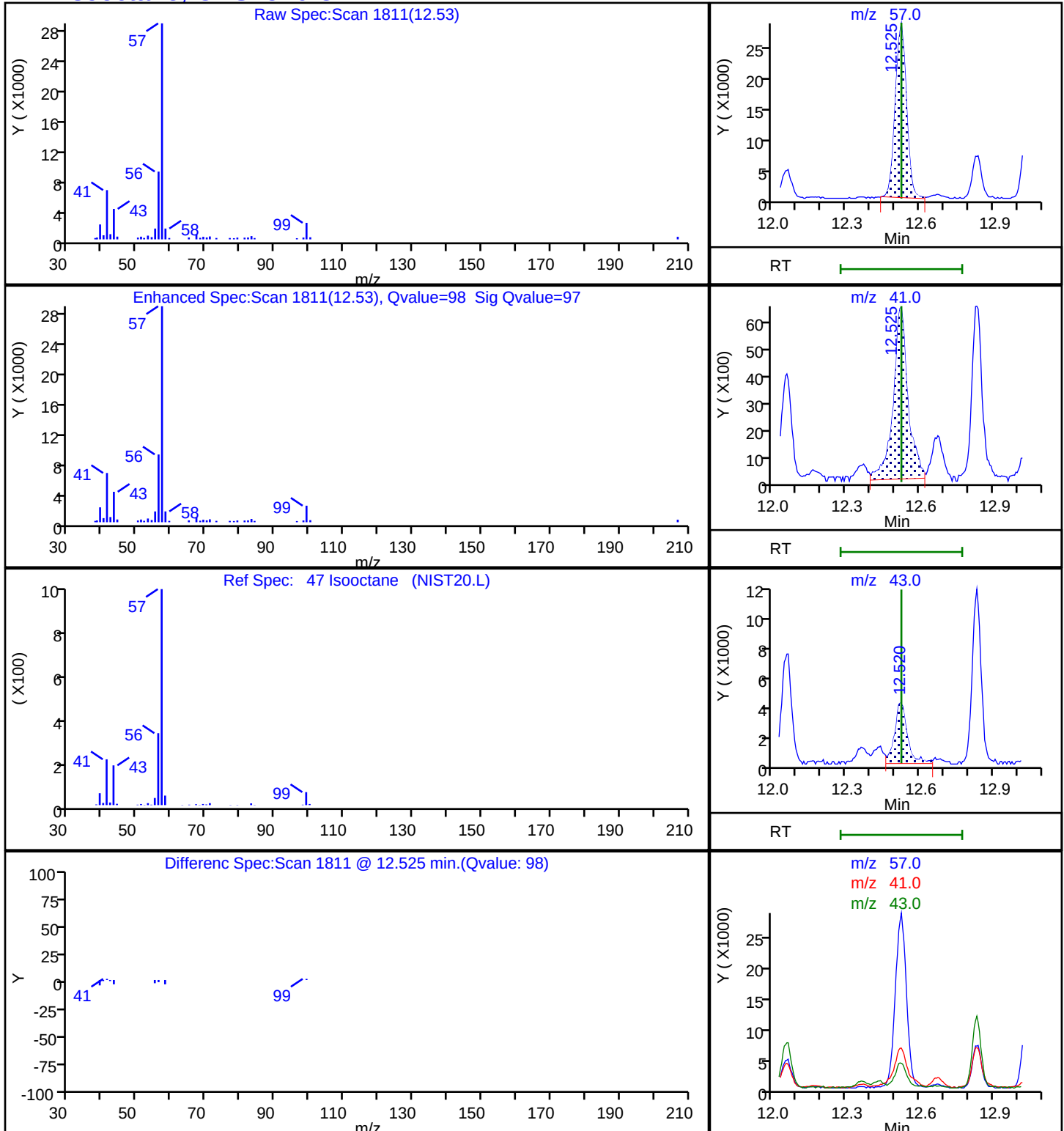
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Purge Vol: 200.000 mL Dil. Factor: 4.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

43 Cyclohexane, CAS: 110-82-7

Eurofins Burlington

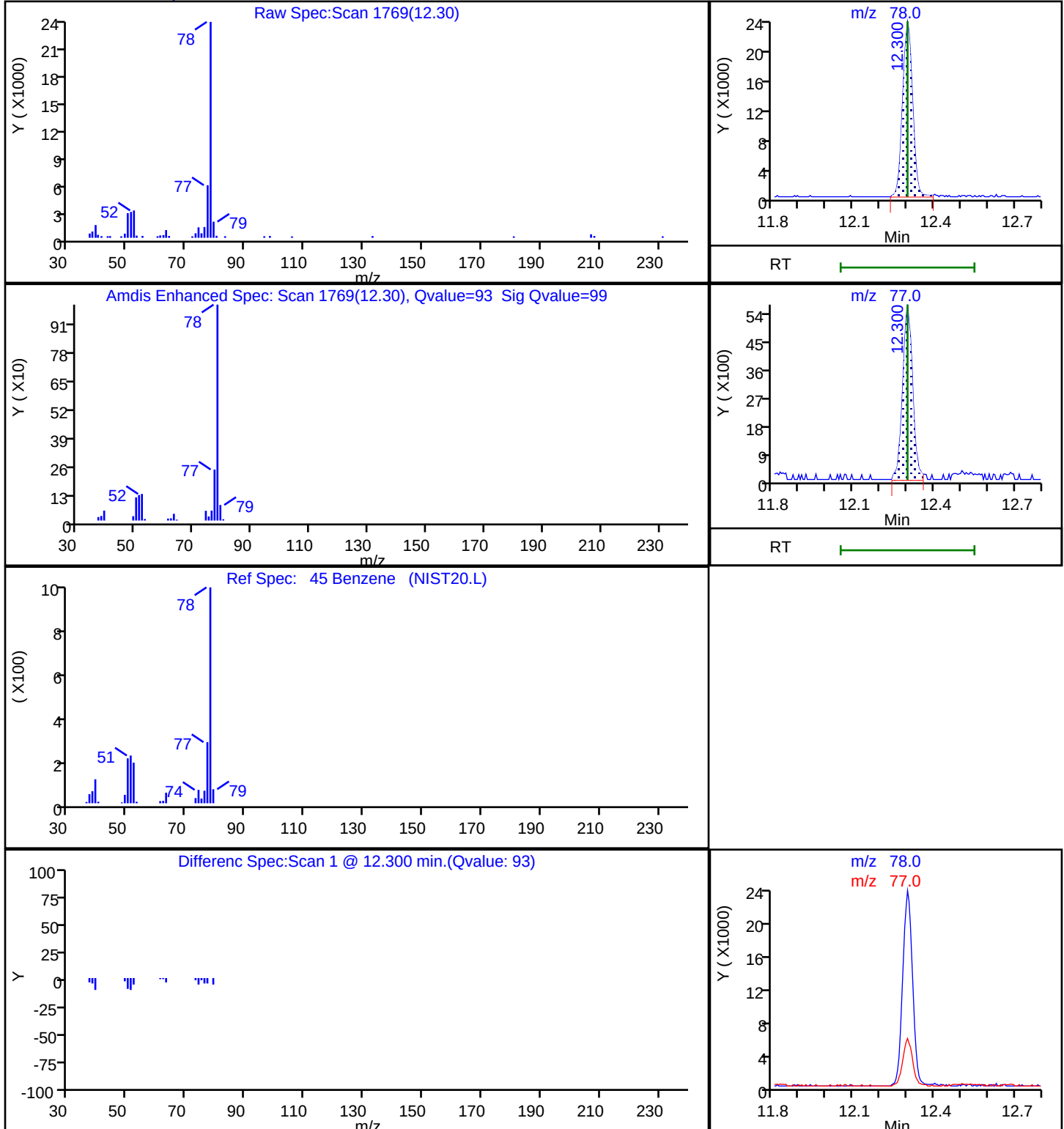
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Column: RTX-624 (0.32 mm) Detector MS SCAN

47 Isooctane, CAS: 540-84-1

Eurofins Burlington

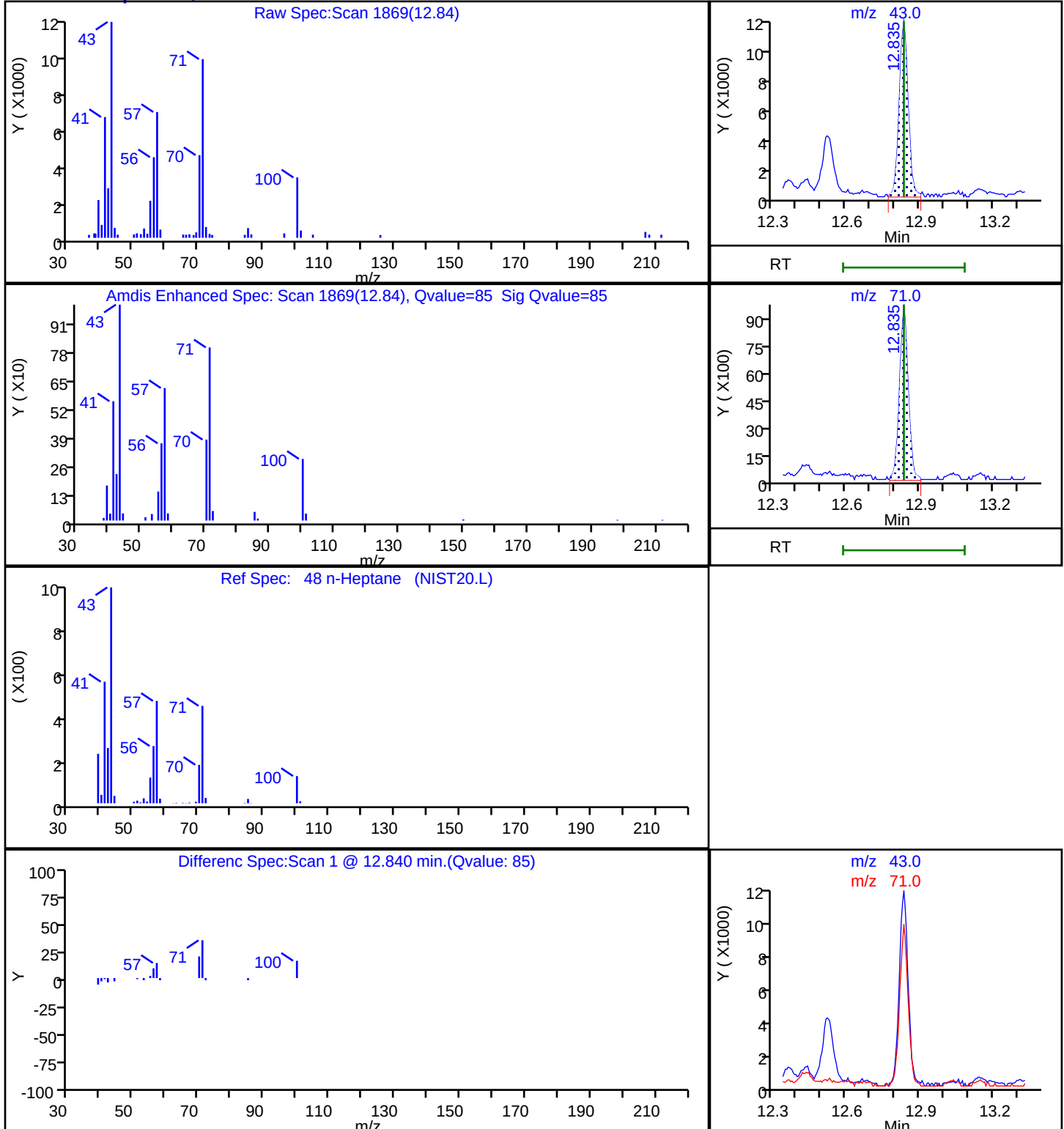
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Column: RTX-624 (0.32 mm) Detector MS SCAN

45 Benzene, CAS: 71-43-2



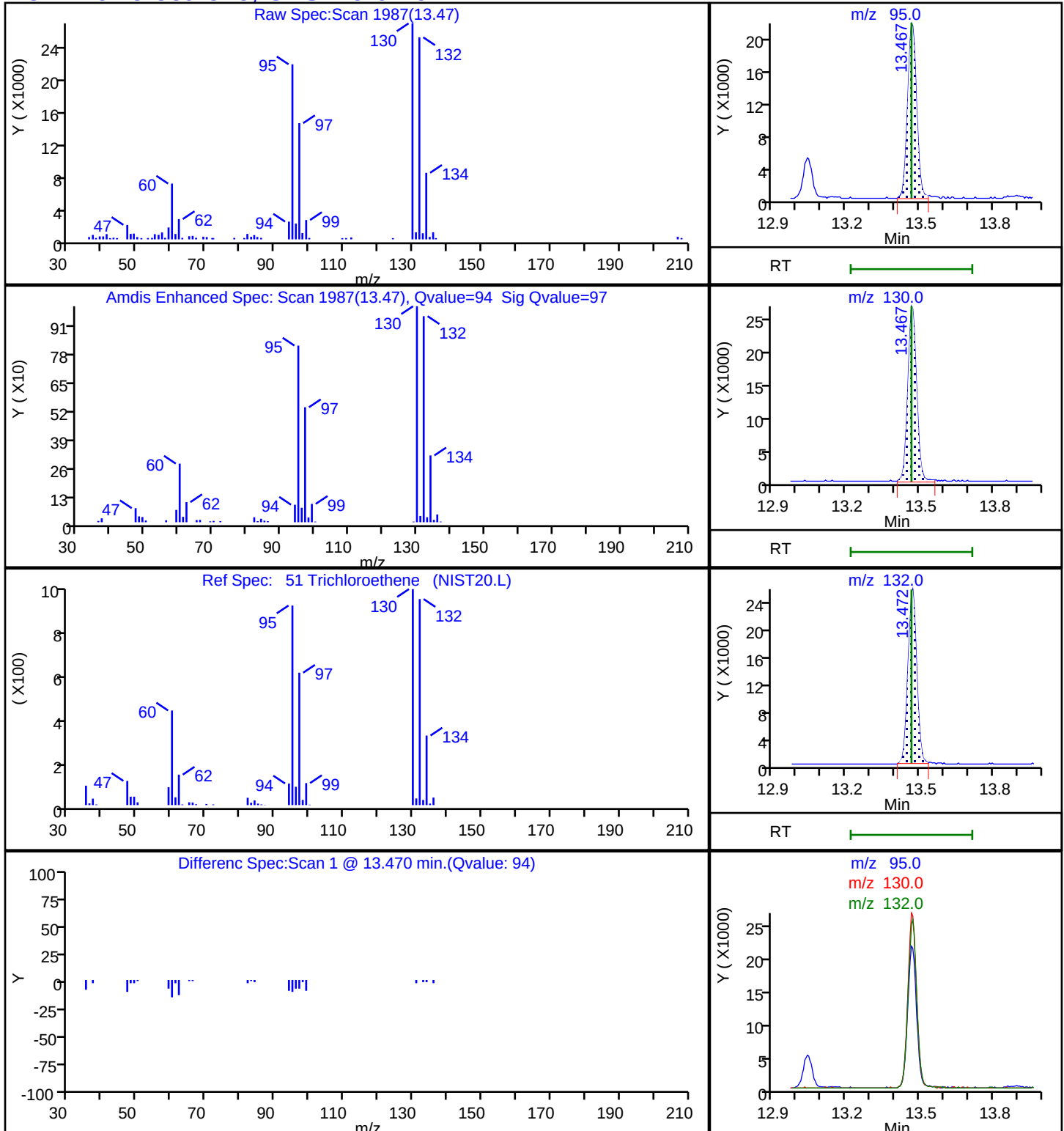
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Purge Vol: 200.000 mL Dil. Factor: 4.0000
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Column: RTX-624 (0.32 mm) Detector MS SCAN

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

Eurofins Burlington

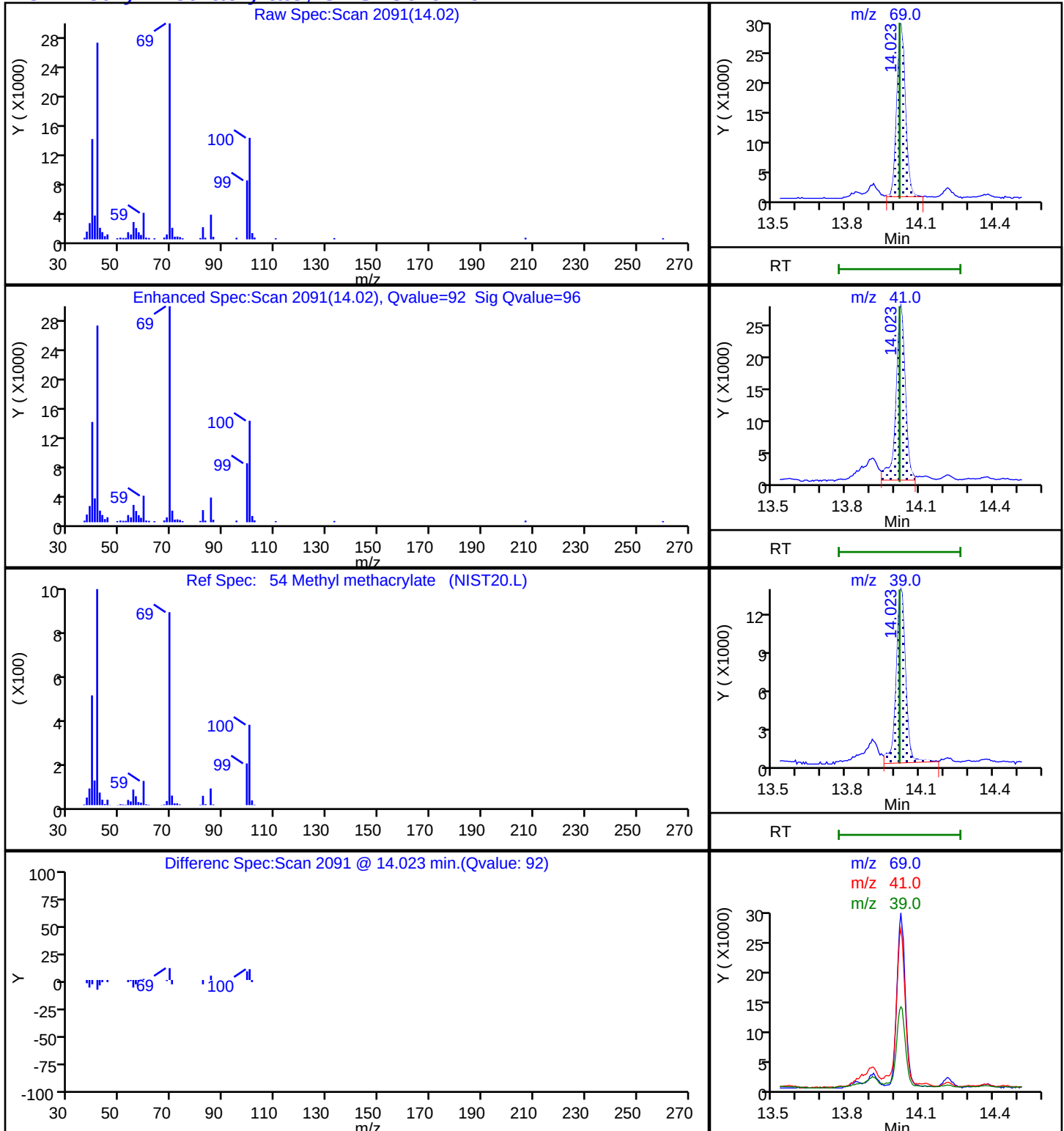
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Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

51 Trichloroethene, CAS: 79-01-6

Eurofins Burlington

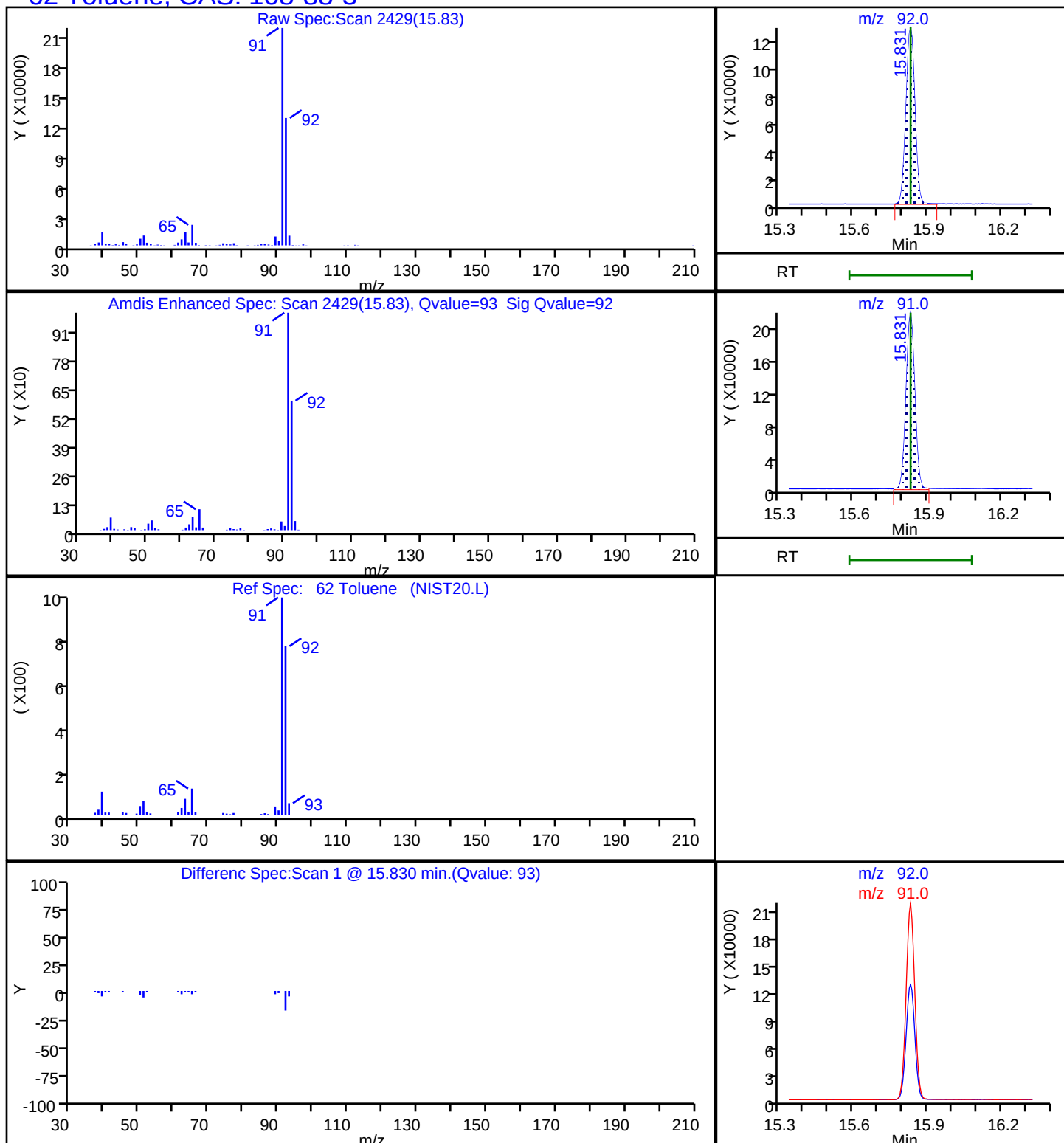
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Column: RTX-624 (0.32 mm) Detector MS SCAN

54 Methyl methacrylate, CAS: 80-62-6



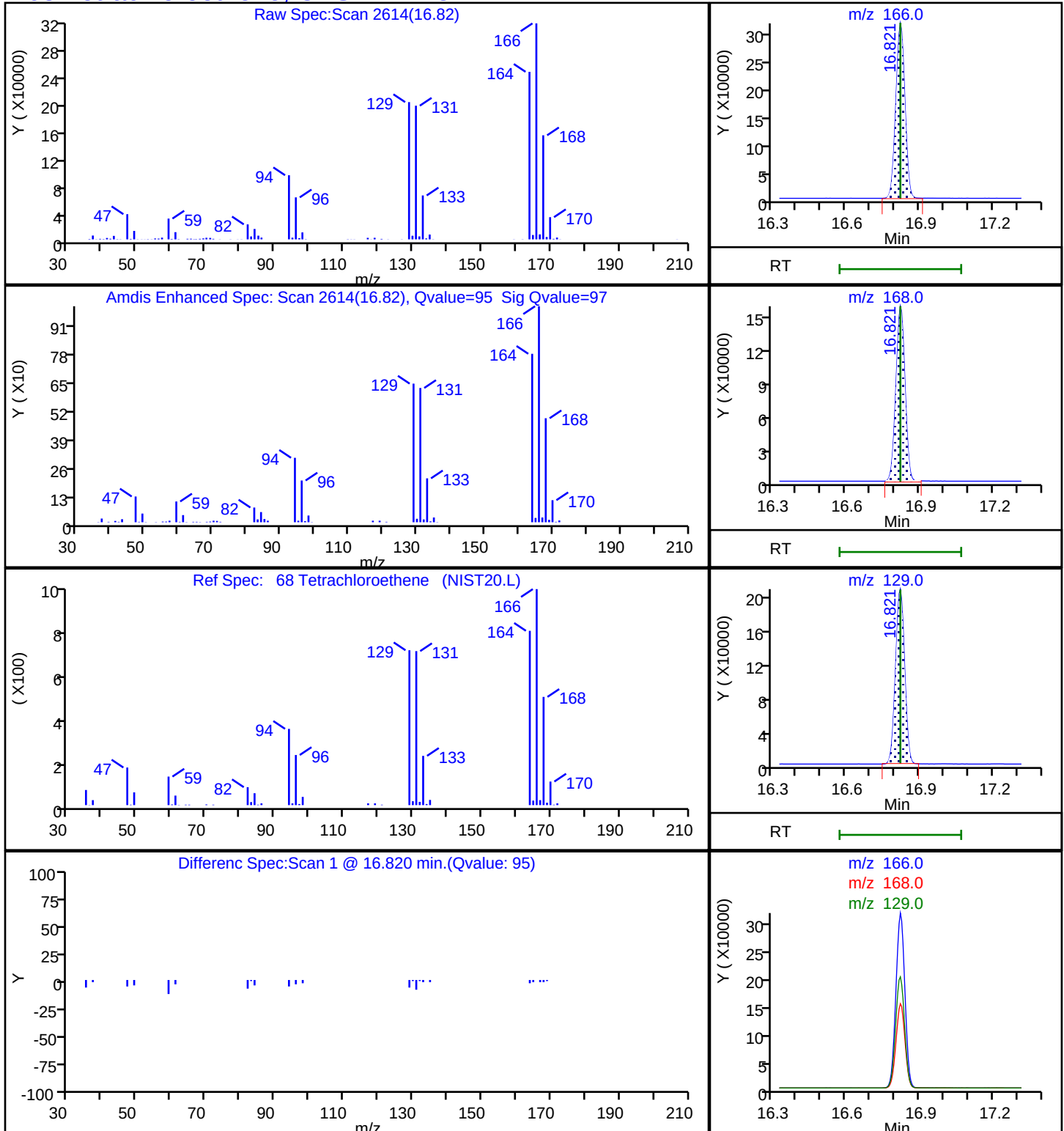
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Column: RTX-624 (0.32 mm) Detector: MS SCAN

62 Toluene, CAS: 108-88-3

Eurofins Burlington

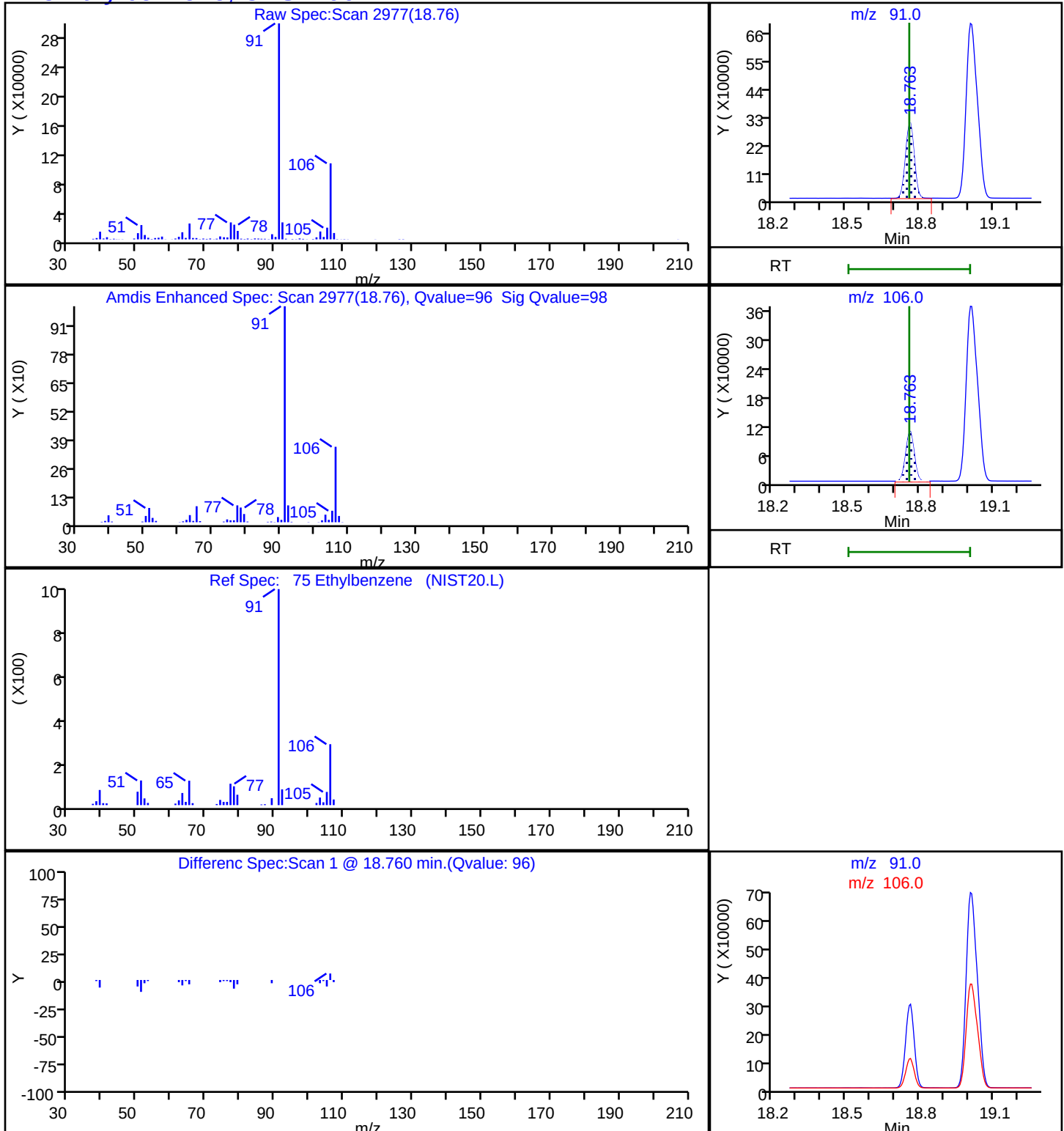
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Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

68 Tetrachloroethene, CAS: 127-18-4

Eurofins Burlington

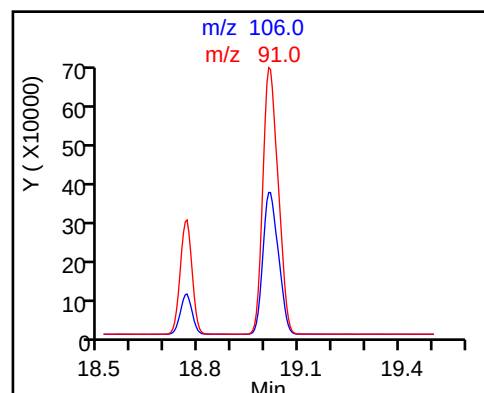
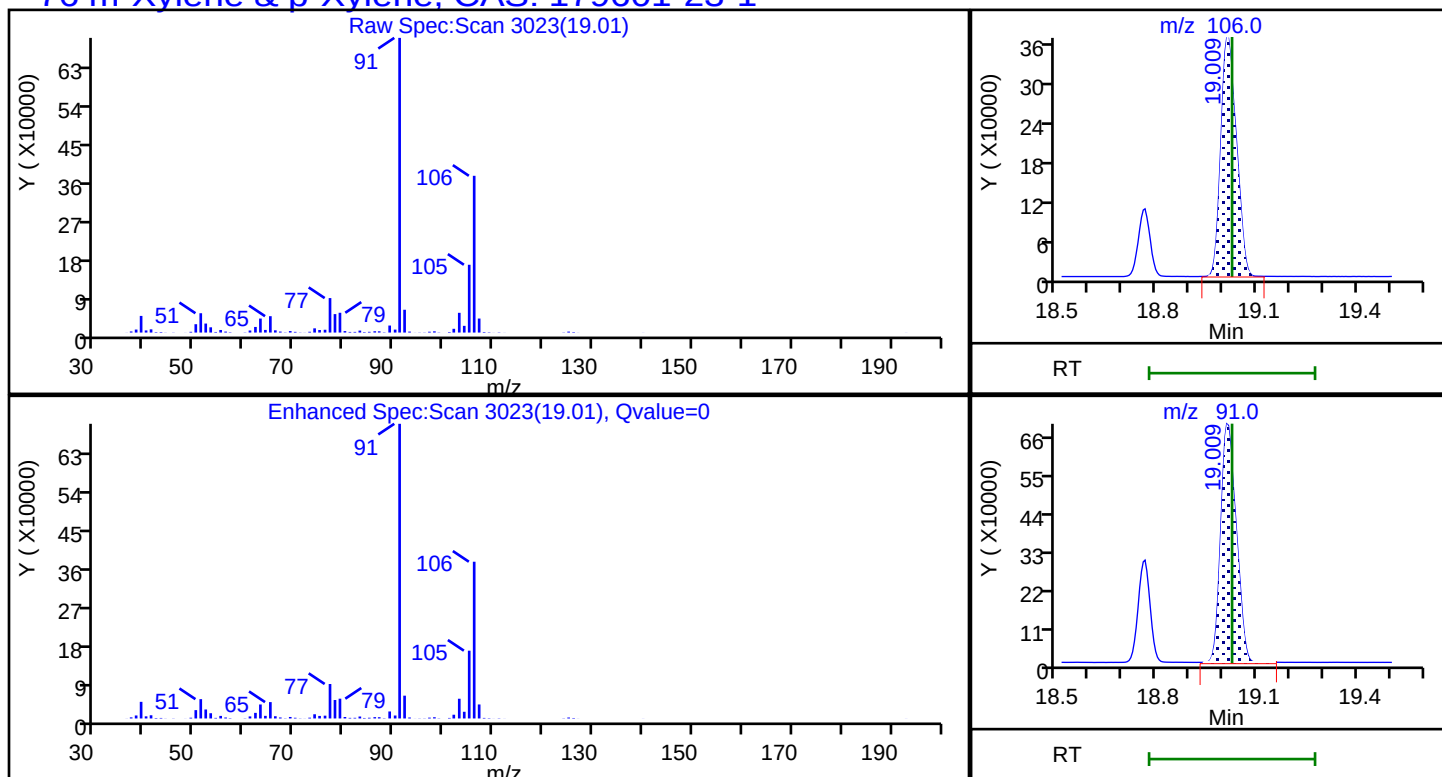
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Purge Vol: 200.000 mL Dil. Factor: 4.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

75 Ethylbenzene, CAS: 100-41-4



Eurofins Burlington

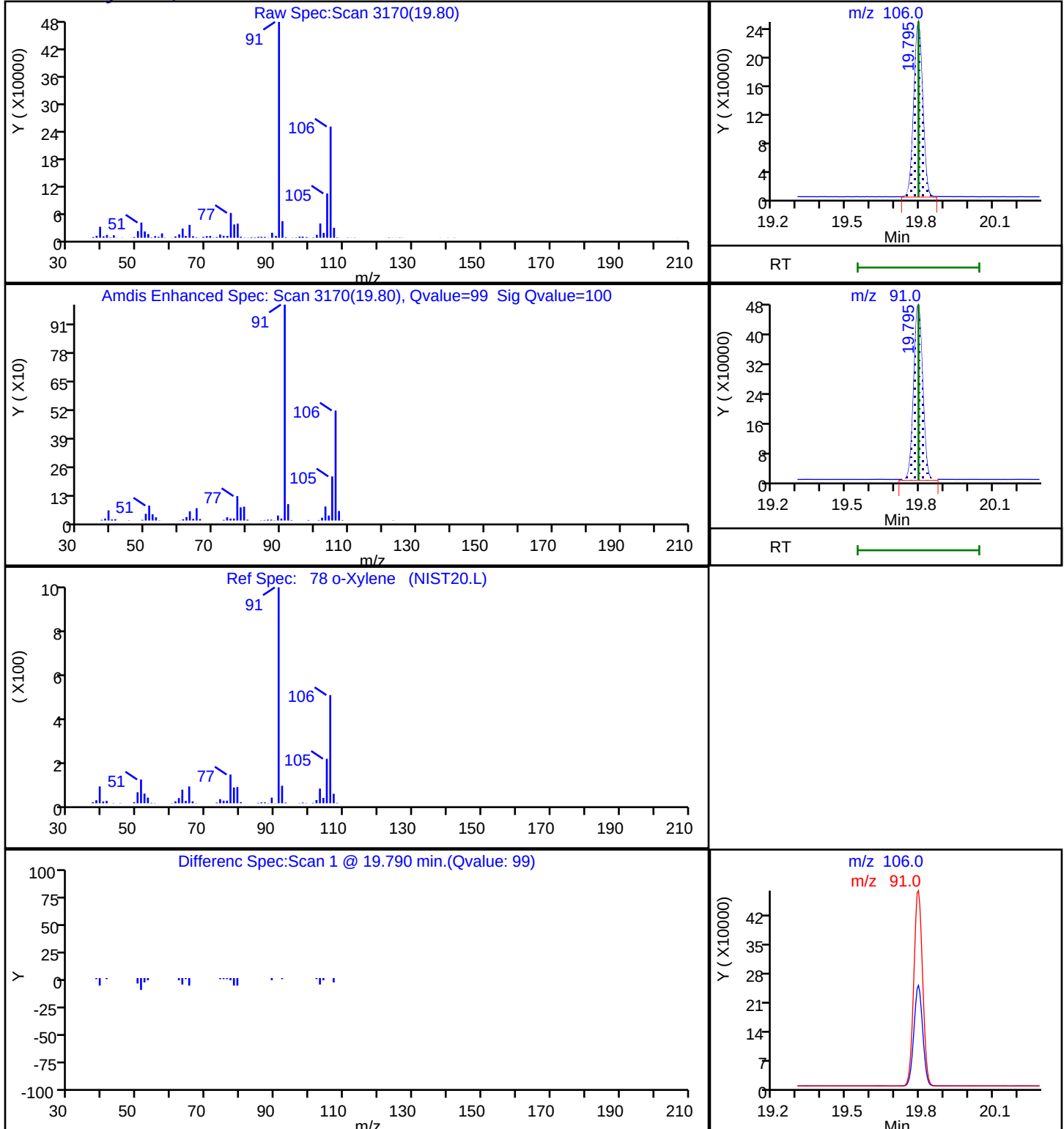
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Purge Vol: 200.000 mL Dil. Factor: 4.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

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

Eurofins Burlington

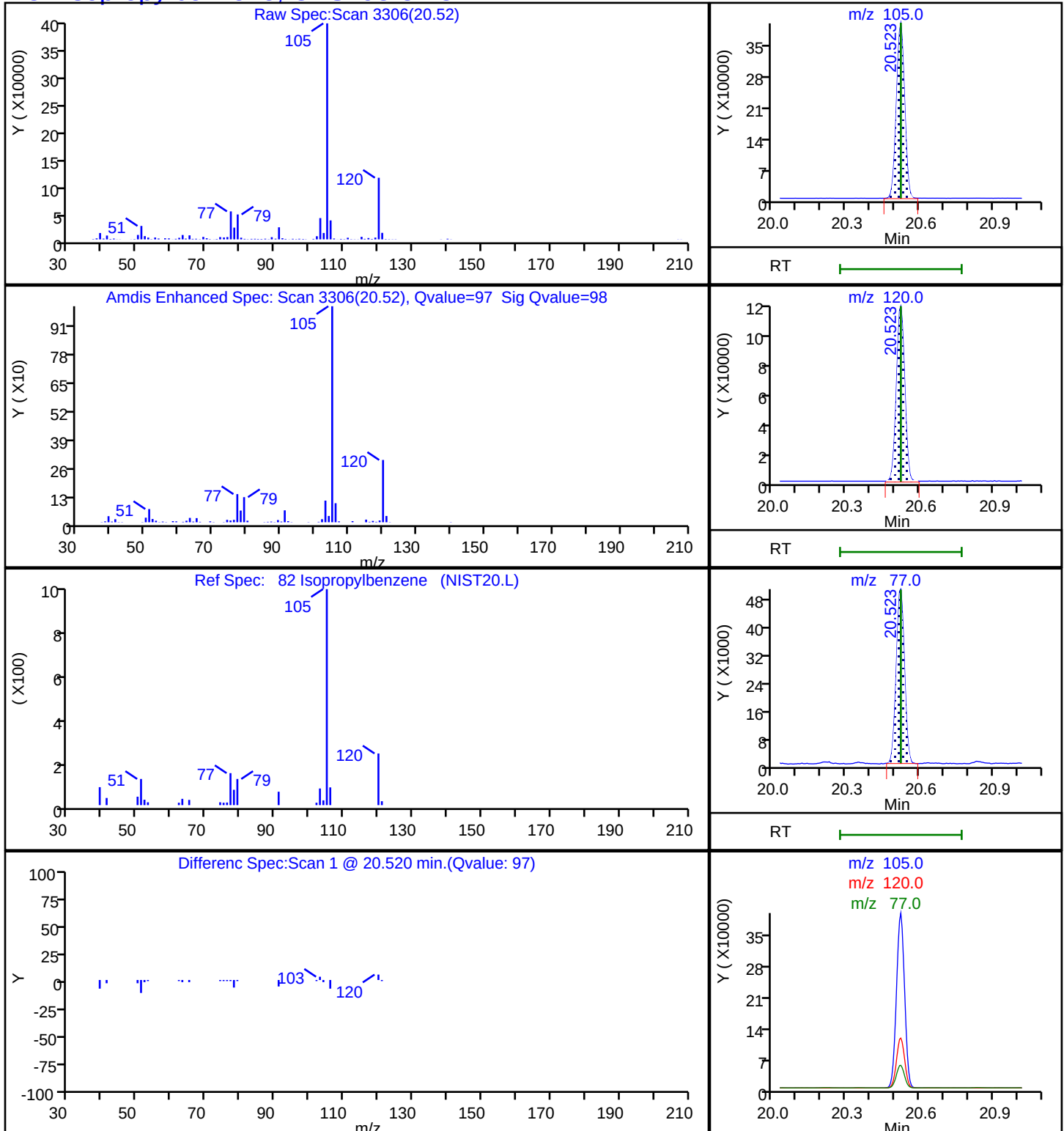
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Purge Vol: 200.000 mL Dil. Factor: 4.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

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



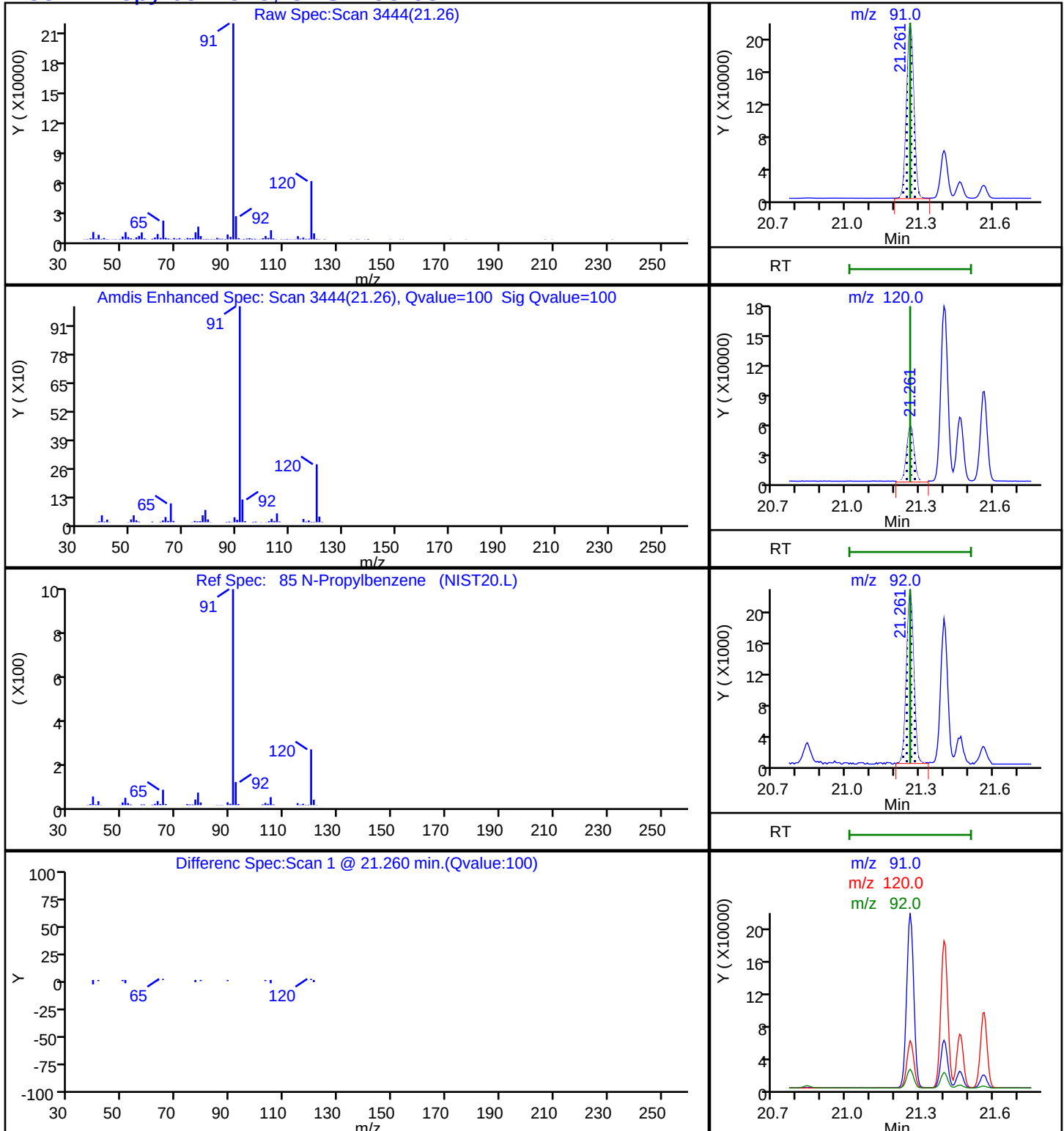
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Column: RTX-624 (0.32 mm) Detector MS SCAN

82 Isopropylbenzene, CAS: 98-82-8

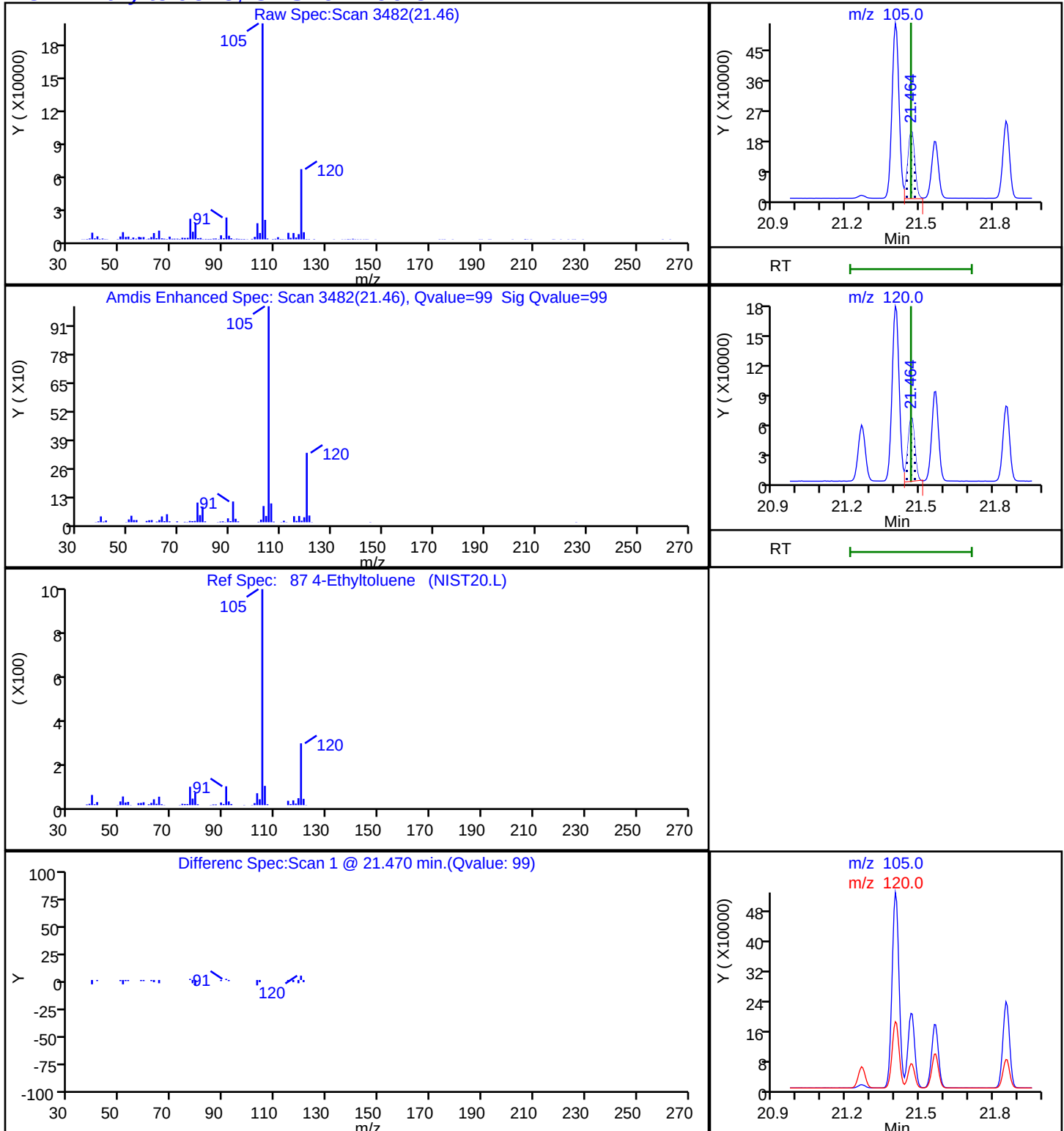
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Column: RTX-624 (0.32 mm) Detector MS SCAN

85 N-Propylbenzene, CAS: 103-65-1

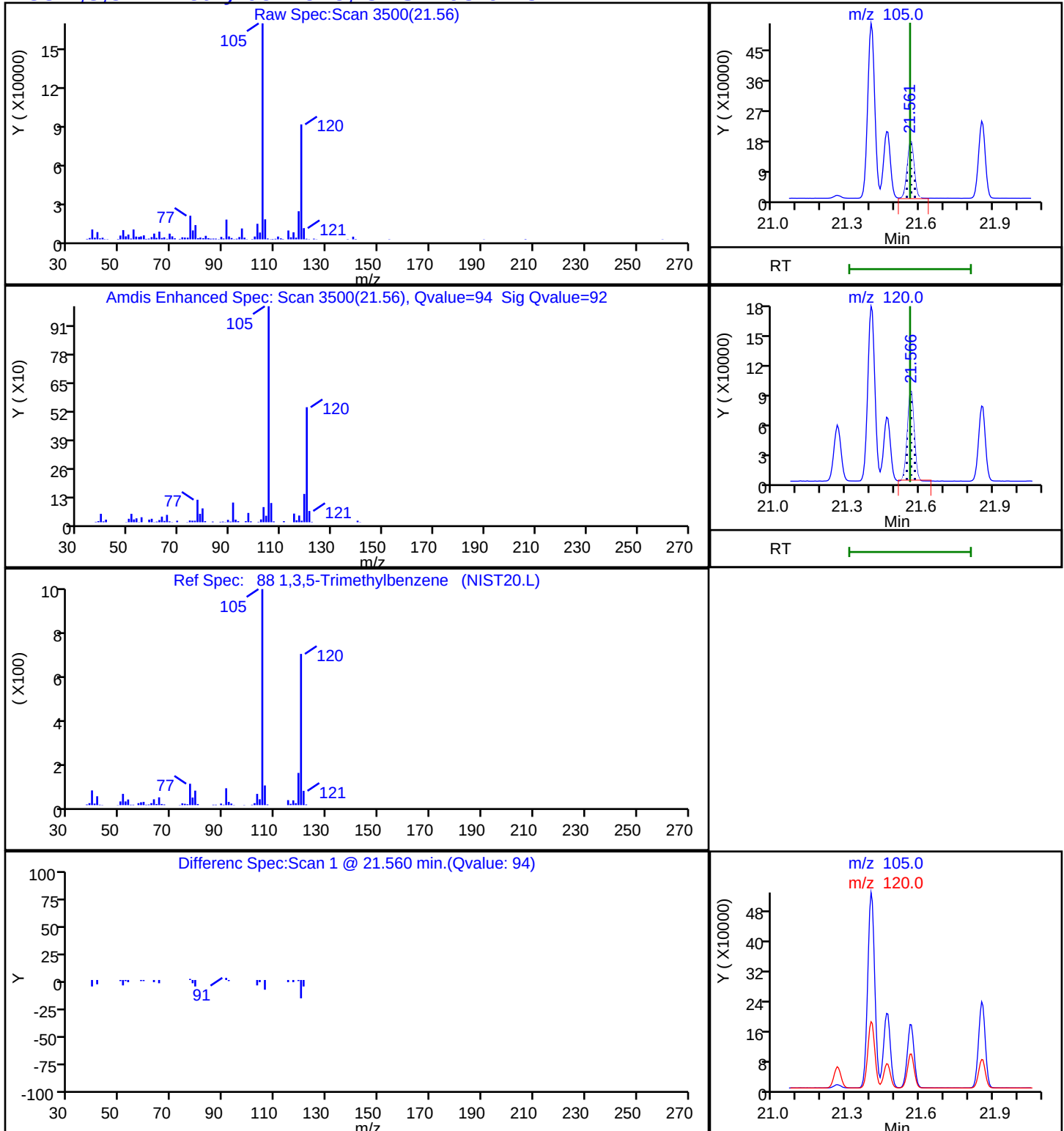
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Column: RTX-624 (0.32 mm) Detector: MS SCAN

87 4-Ethyltoluene, CAS: 622-96-8

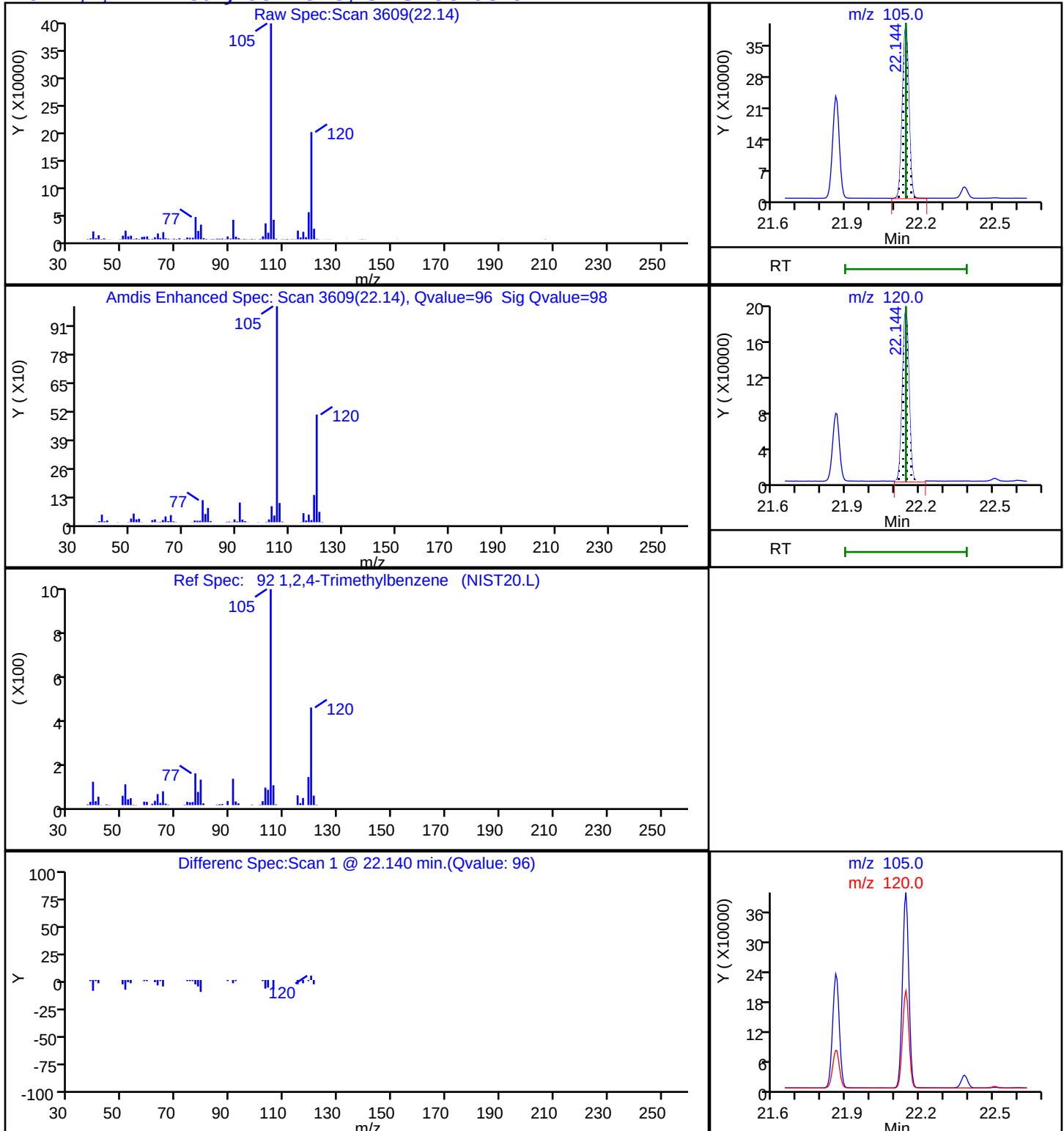
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Column: RTX-624 (0.32 mm) Detector MS SCAN

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

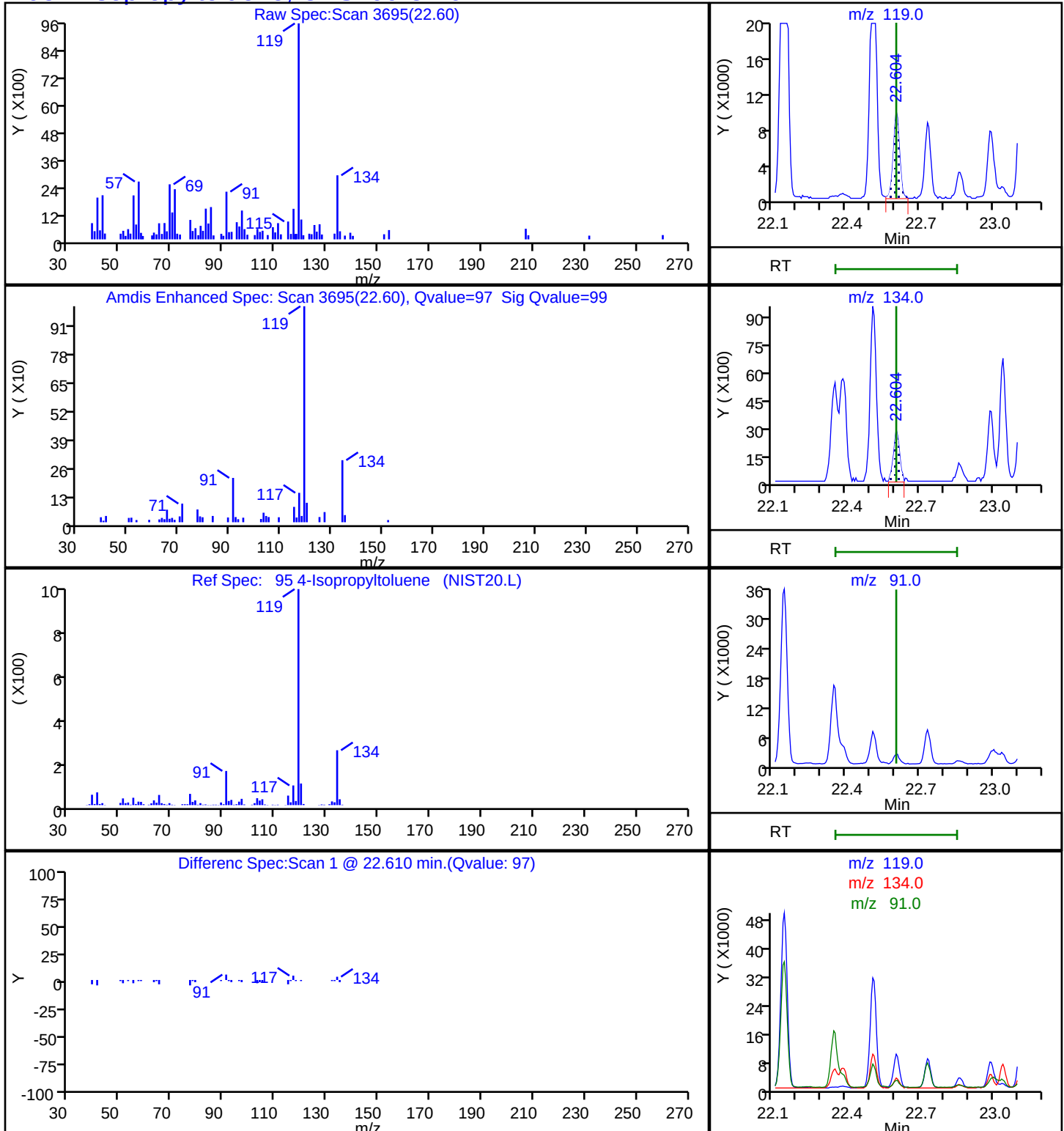
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Column: RTX-624 (0.32 mm) Detector MS SCAN

92 1,2,4-Trimethylbenzene, CAS: 95-63-6

Eurofins Burlington

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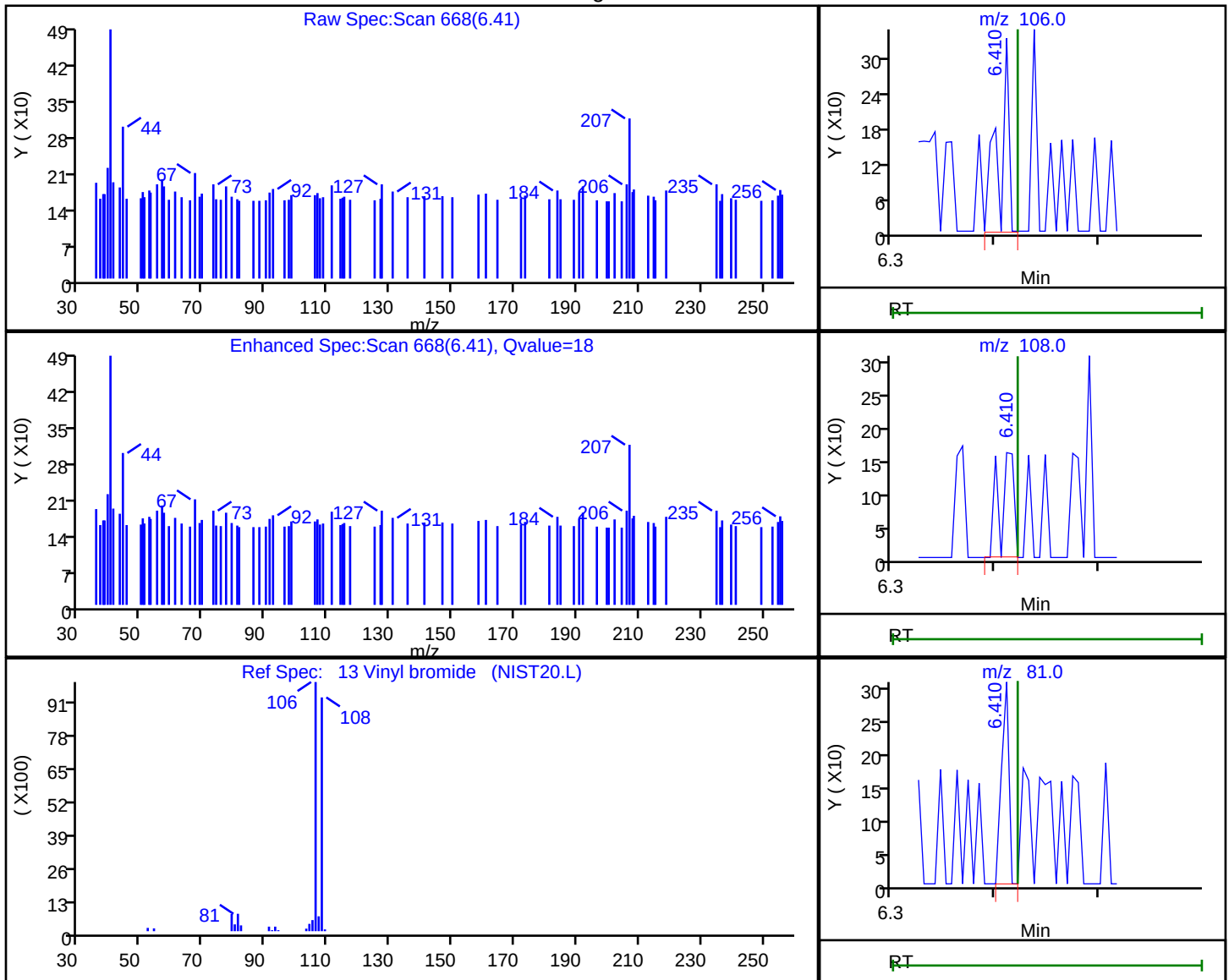
95 4-Isopropyltoluene, CAS: 99-87-6

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Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
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

13 Vinyl bromide, CAS: 593-60-2

Processing Results



RT	Mass	Response	Amount
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6.41	81.00	151	

Reviewer: BKZ7, 07-Dec-2022 09:24:45

Audit Action: Marked Compound Undetected

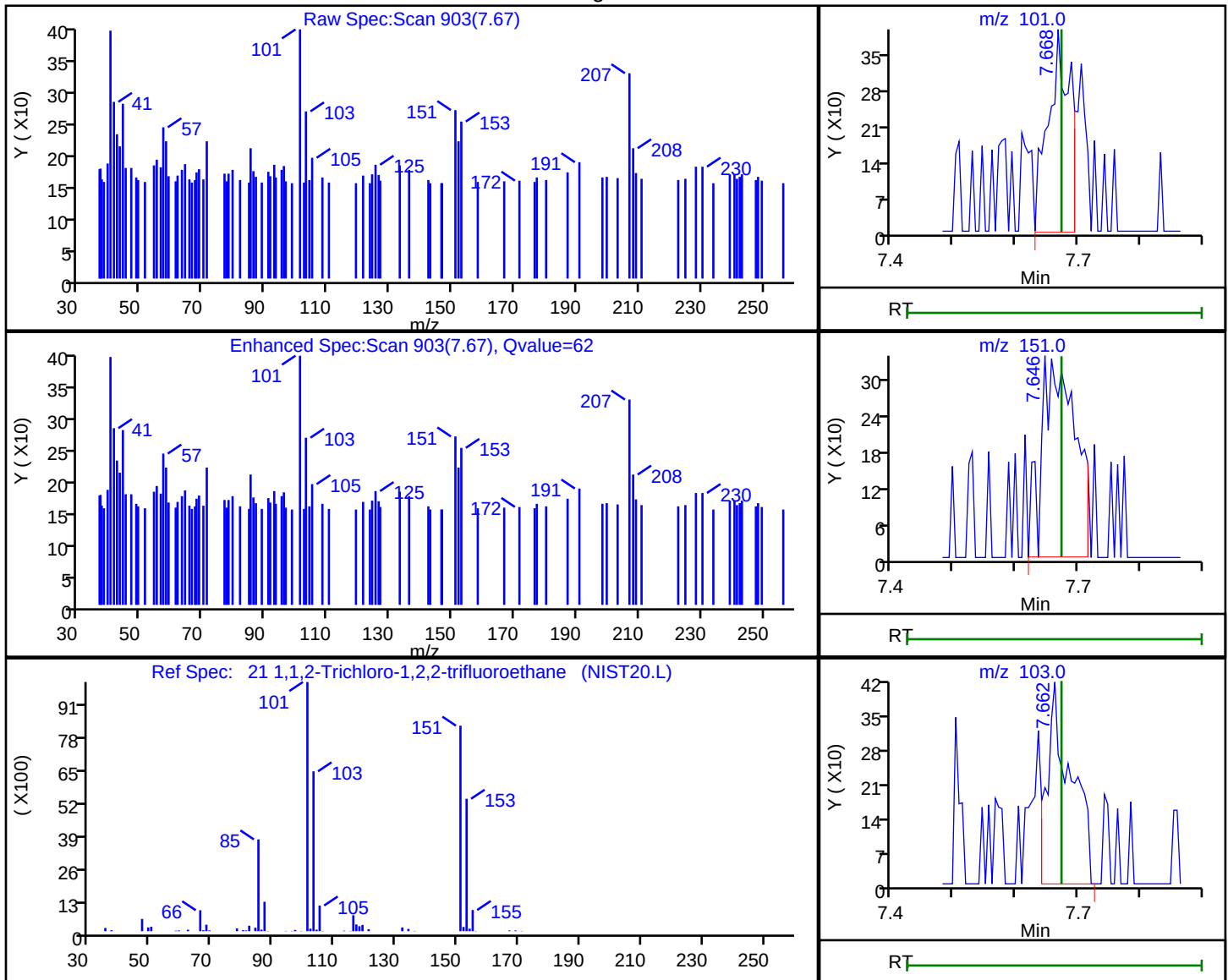
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Purge Vol: 200.000 mL Dil. Factor: 4.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
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Reviewer: BKZ7, 07-Dec-2022 09:24:39

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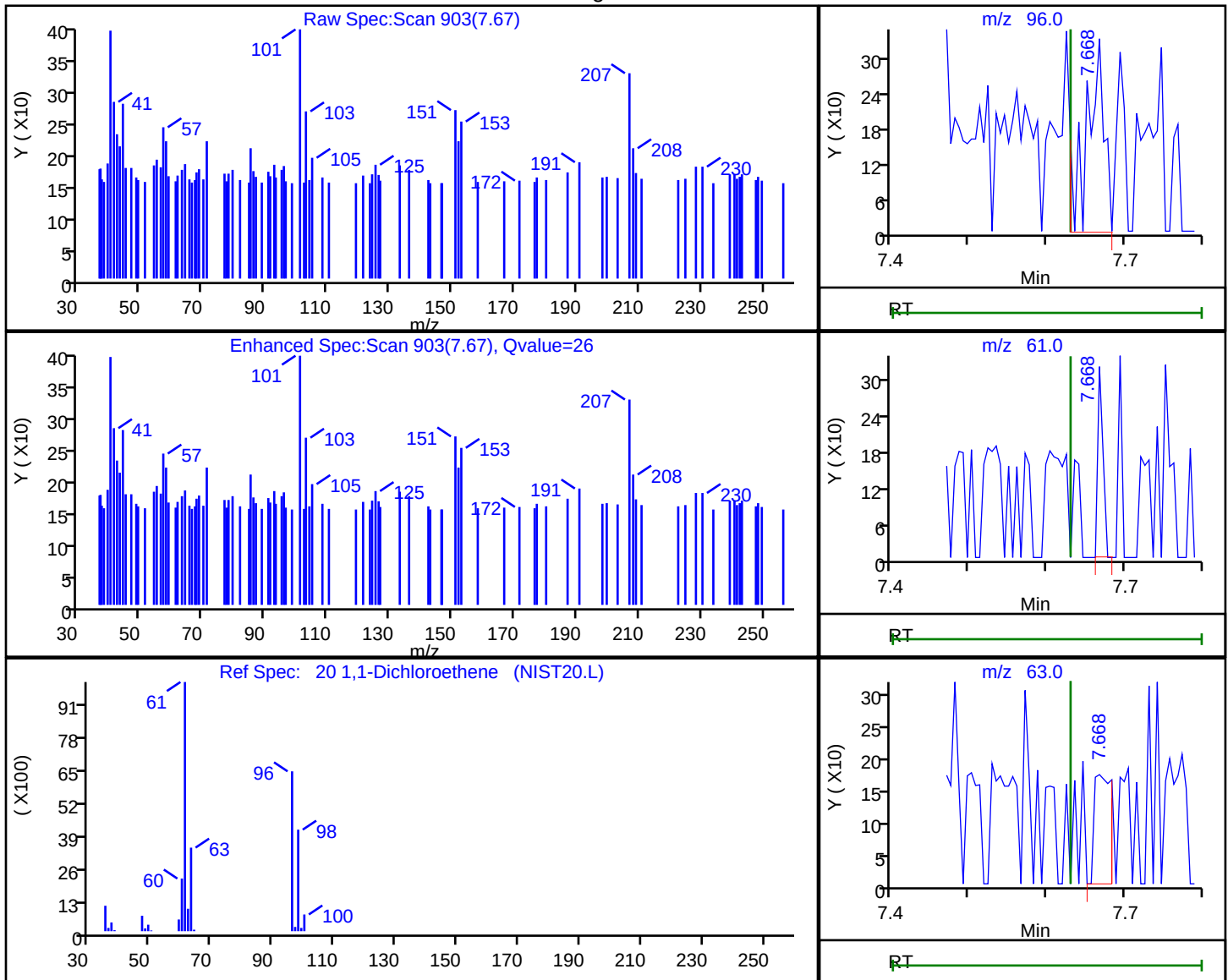
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Injection Date: 06-Dec-2022 23:22:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 4.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
7.67	96.00	522	0.027827
7.67	61.00	150	
7.67	63.00	264	

Reviewer: BKZ7, 07-Dec-2022 09:24:41

Audit Action: Marked Compound Undetected

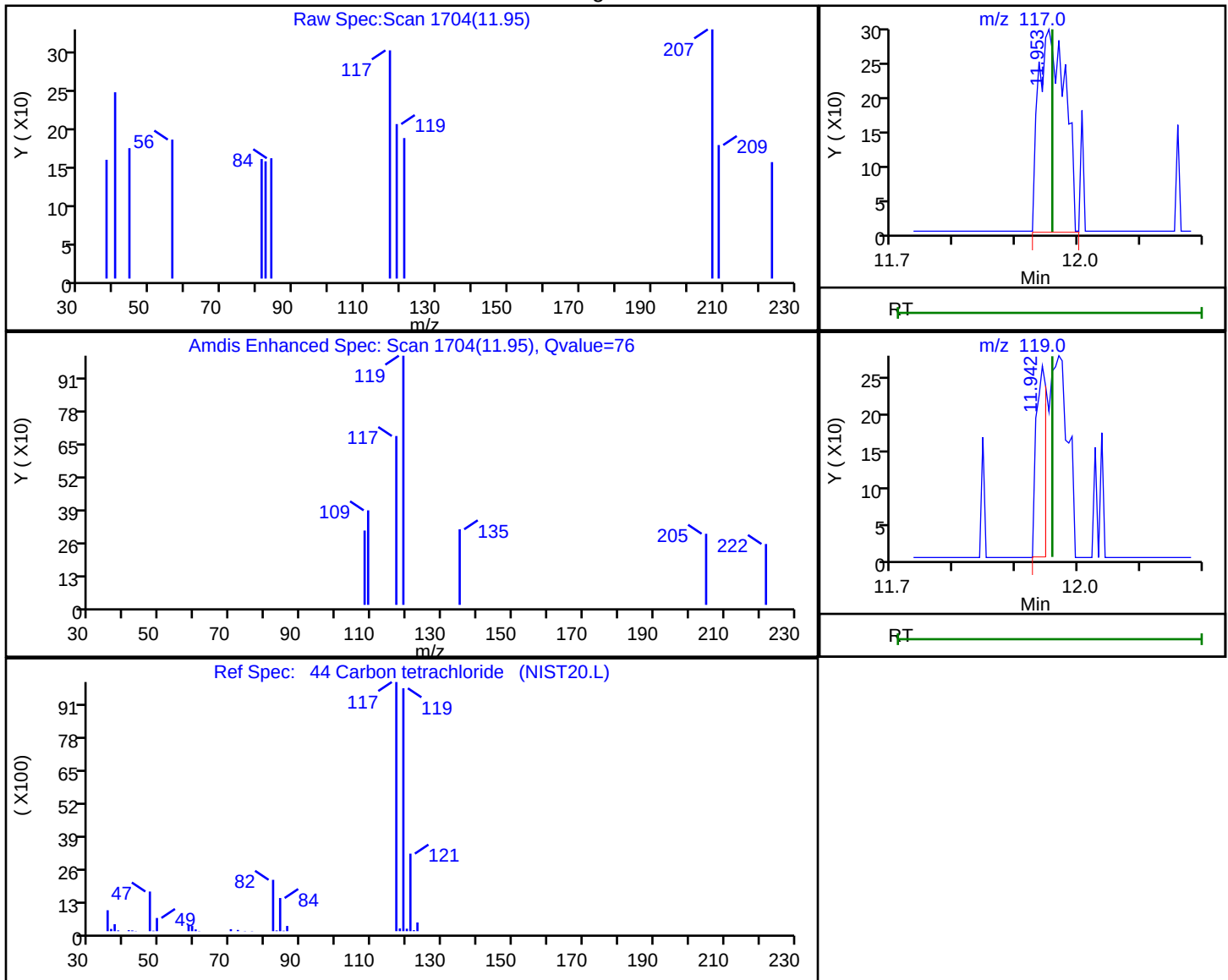
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d
Injection Date: 06-Dec-2022 23:22:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
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

44 Carbon tetrachloride, CAS: 56-23-5

Processing Results



RT	Mass	Response	Amount
11.95	117.00	869	0.024879
11.94	119.00	290	

Reviewer: BKZ7, 07-Dec-2022 09:23:53

Audit Action: Marked Compound Undetected

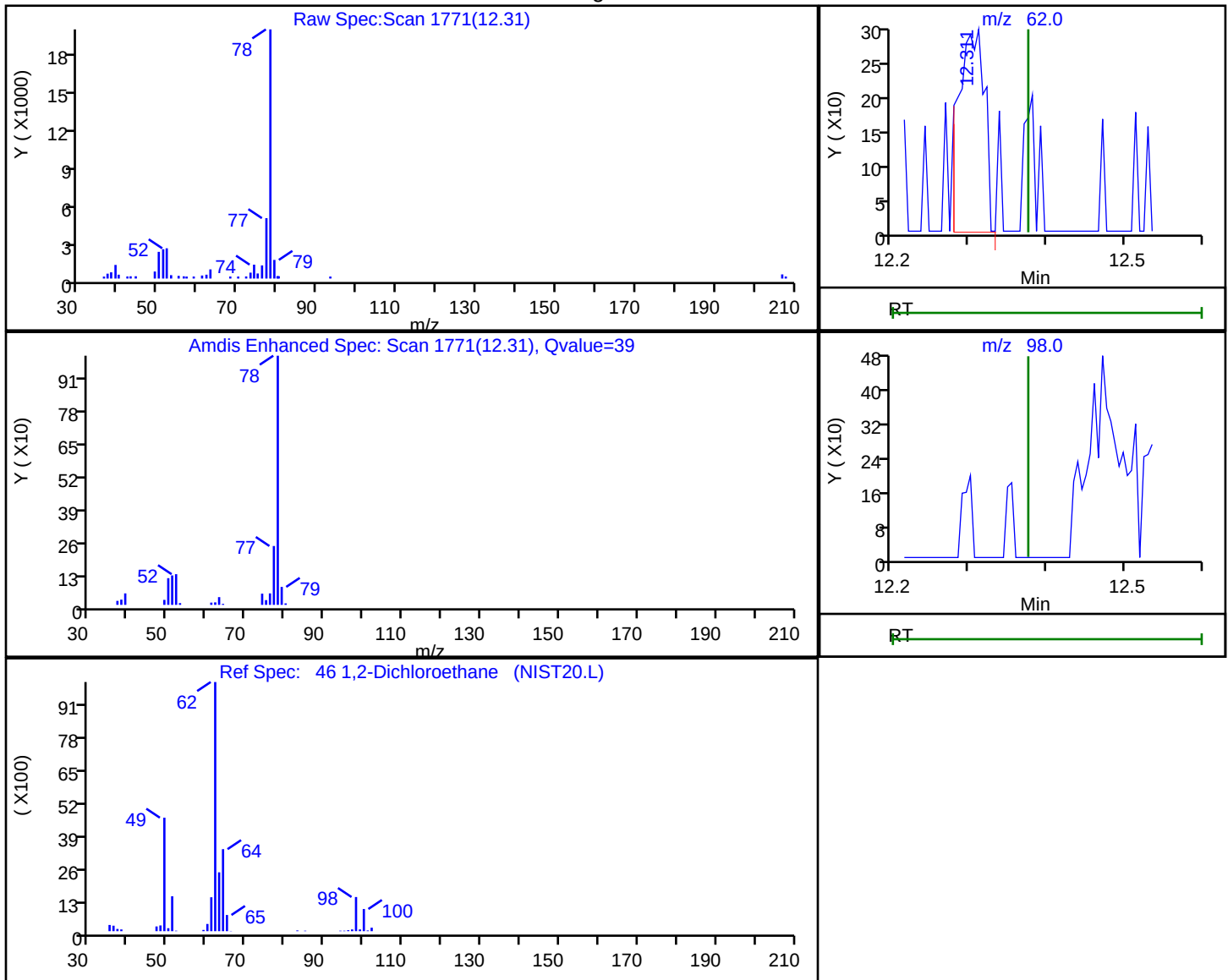
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d
Injection Date: 06-Dec-2022 23:22:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
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

46 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
12.31	62.00	681	0.041804
12.38	98.00	0	

Reviewer: BKZ7, 07-Dec-2022 09:23:35

Audit Action: Marked Compound Undetected

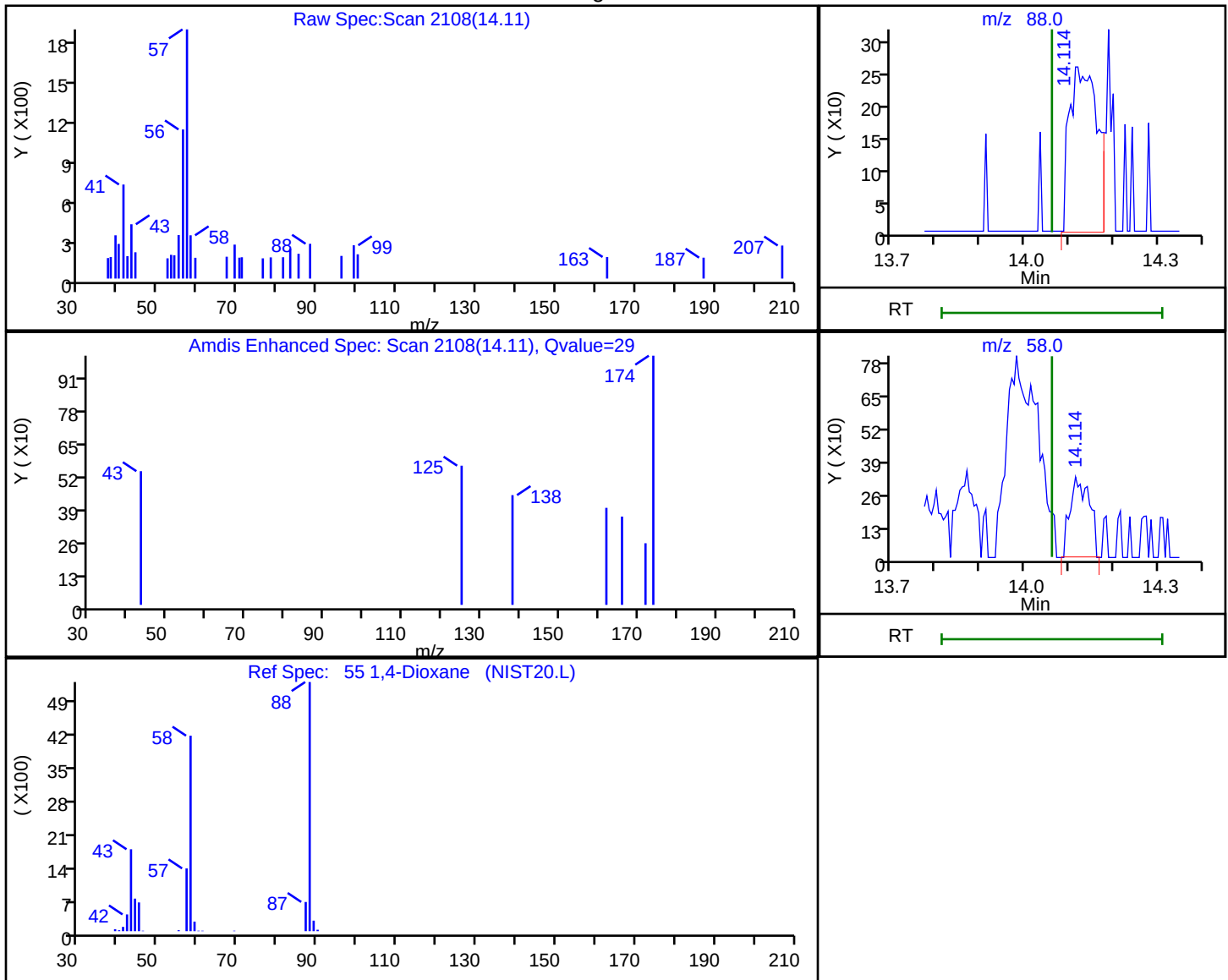
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d
Injection Date: 06-Dec-2022 23:22:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
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

55 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
14.11	88.00	1126	0.119721
14.11	58.00	974	

Reviewer: BKZ7, 07-Dec-2022 09:23:27

Audit Action: Marked Compound Undetected

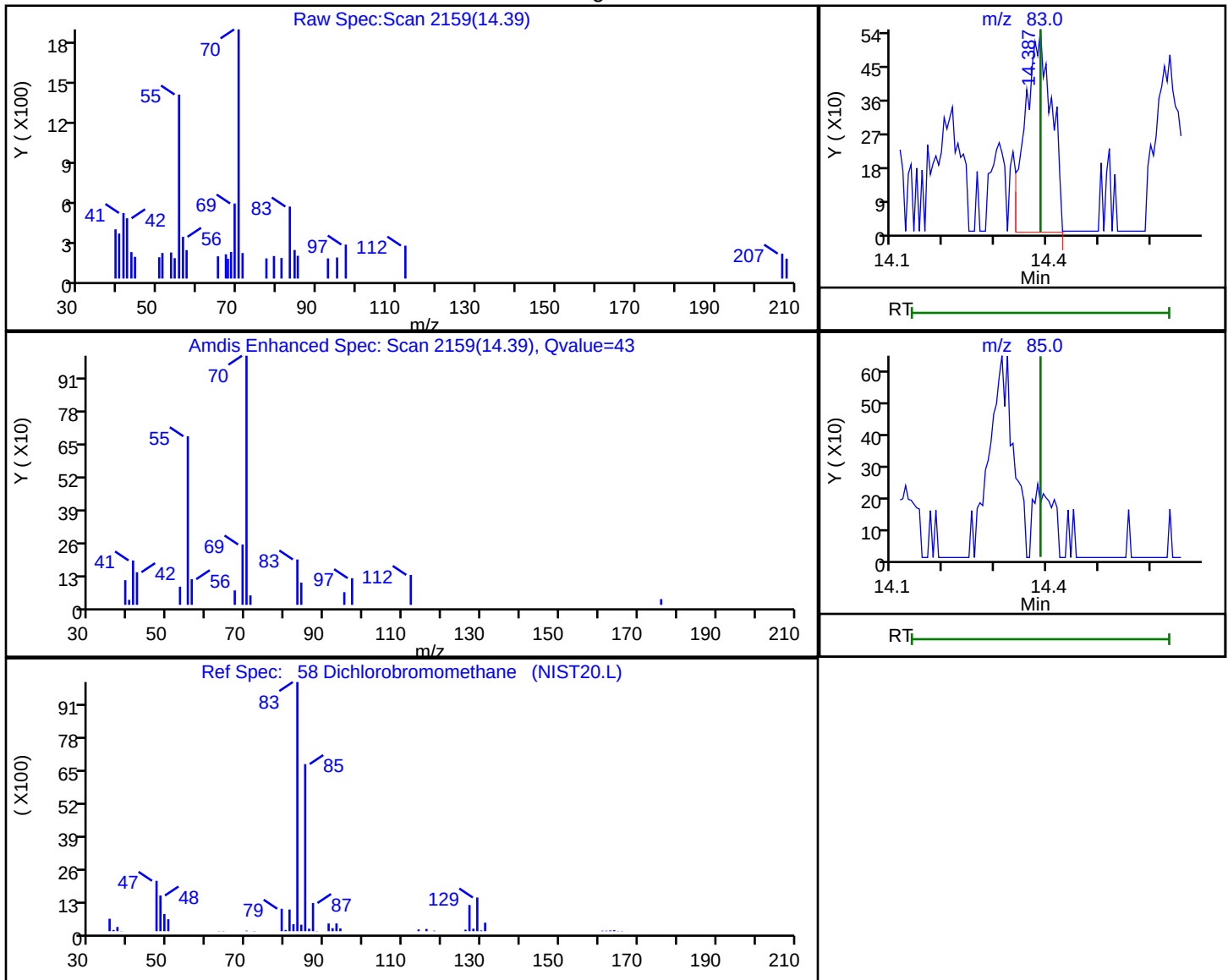
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d
Injection Date: 06-Dec-2022 23:22:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
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
14.39	83.00	1875	0.063749
14.39	85.00	0	

Reviewer: BKZ7, 07-Dec-2022 09:23:24

Audit Action: Marked Compound Undetected

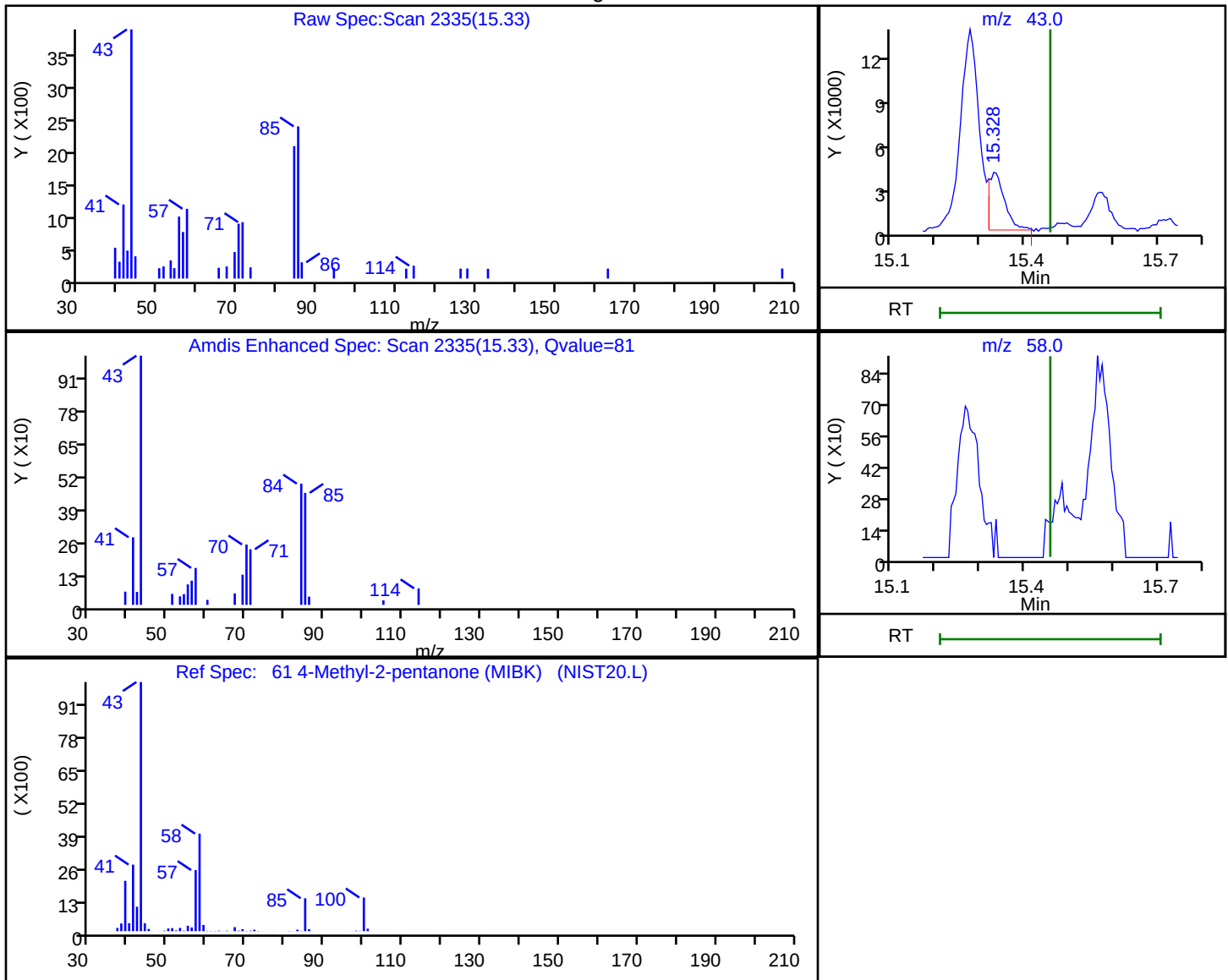
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d
Injection Date: 06-Dec-2022 23:22:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
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
15.33	43.00	9246	0.511375
15.46	58.00	0	

Reviewer: BKZ7, 07-Dec-2022 09:23:16

Audit Action: Marked Compound Undetected

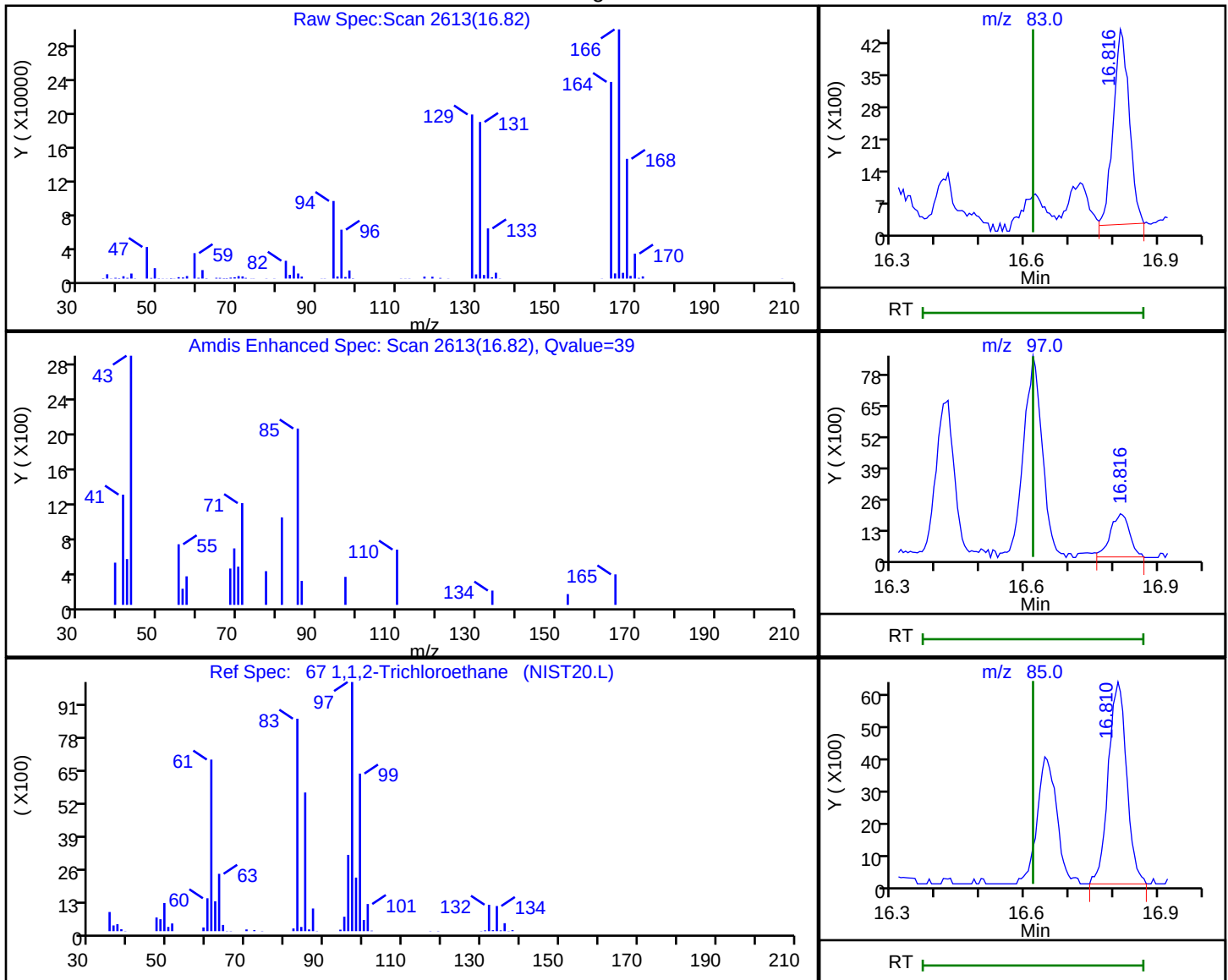
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d
Injection Date: 06-Dec-2022 23:22:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
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
16.82	83.00	10848	0.846850
16.82	97.00	5695	
16.81	85.00	18235	

Reviewer: BKZ7, 07-Dec-2022 09:23:12

Audit Action: Marked Compound Undetected

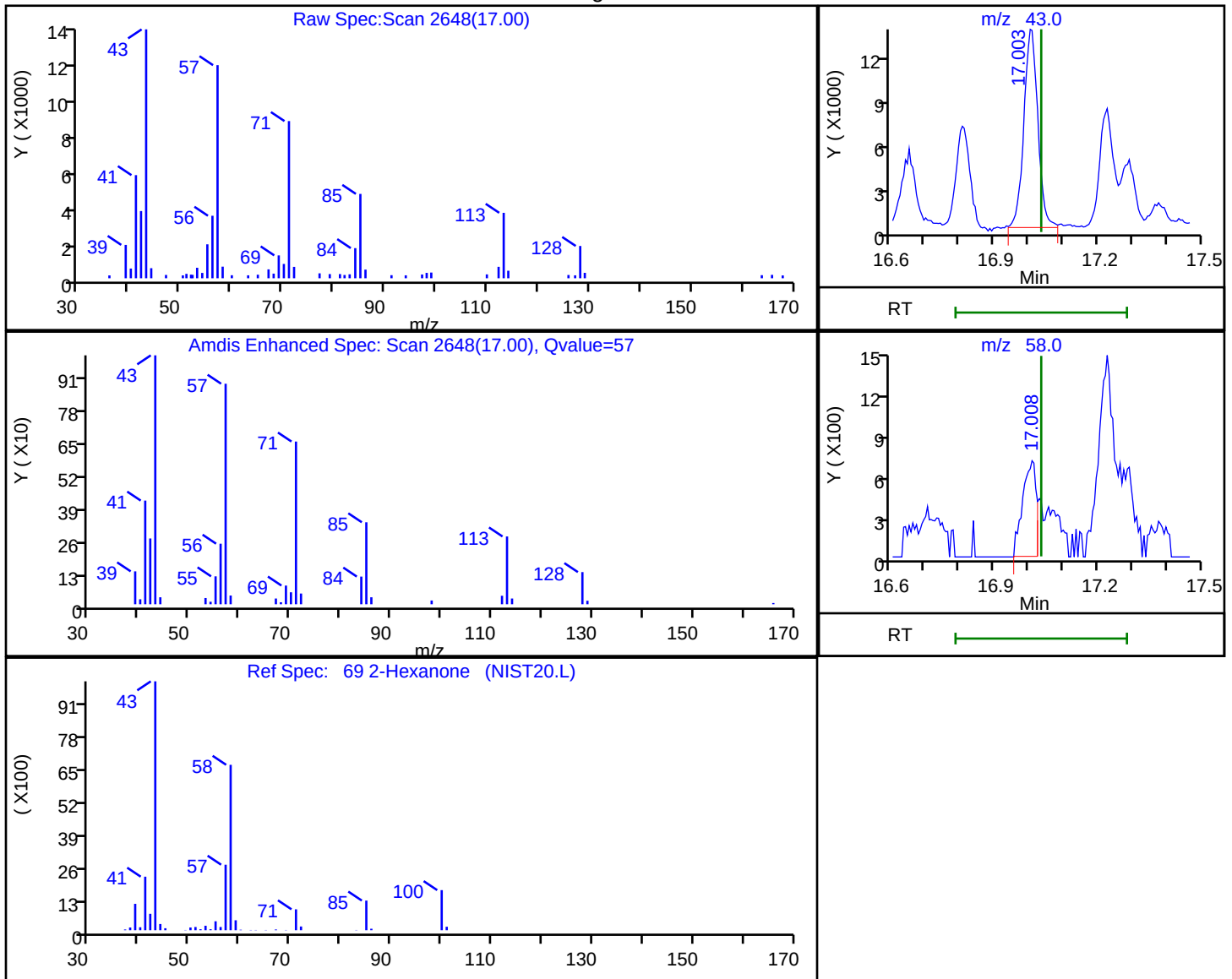
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d
Injection Date: 06-Dec-2022 23:22:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
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
17.00	43.00	36112	2.418182
17.01	58.00	1850	

Reviewer: BKZ7, 07-Dec-2022 09:23:10

Audit Action: Marked Compound Undetected

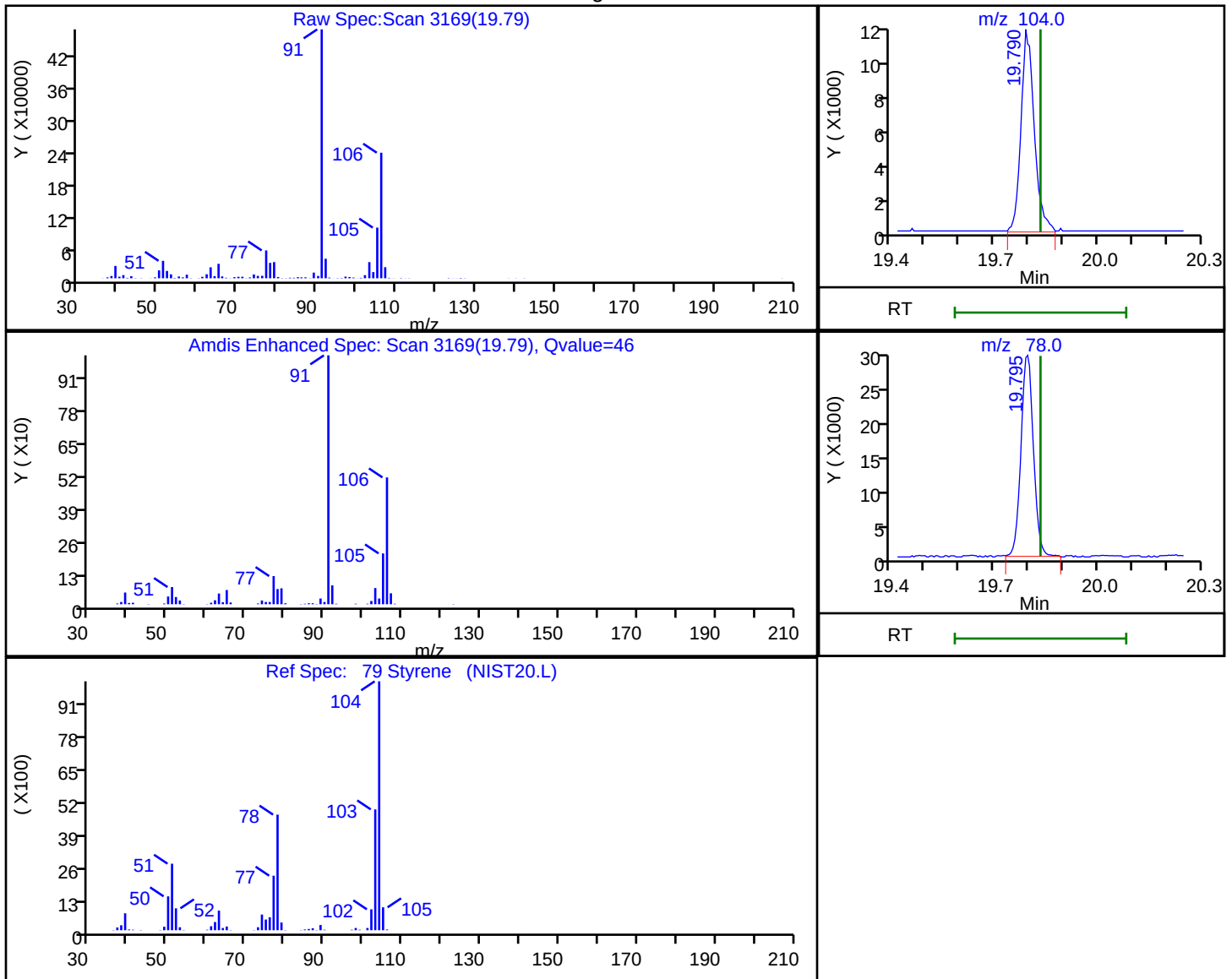
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d
Injection Date: 06-Dec-2022 23:22:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
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
19.79	104.00	30872	0.780417
19.80	78.00	74763	

Reviewer: BKZ7, 07-Dec-2022 09:23:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d

Injection Date: 06-Dec-2022 23:22:30

Instrument ID: CHW.i

Lims ID: 200-65967-A-3

Lab Sample ID: 200-65967-3

Client ID: SV-3

Operator ID: vtp

ALS Bottle#:

18

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 4.0000

Method: TO15_TO3_MasterMethod_W

Limit Group: AI_TO15_ICAL

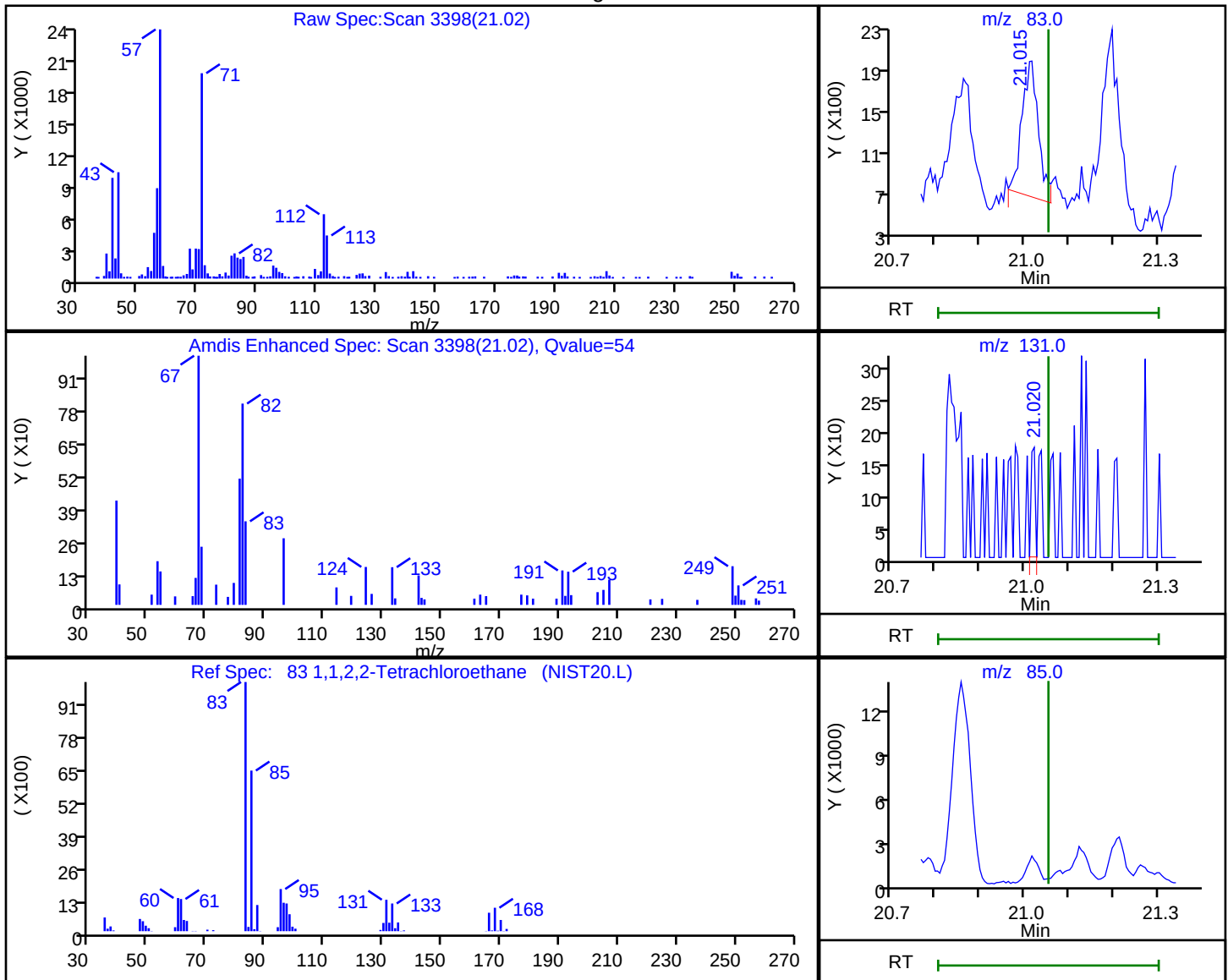
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

83 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
21.02	83.00	3268	0.099812
21.02	131.00	108	
21.05	85.00	0	

Reviewer: BKZ7, 07-Dec-2022 09:22:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d

Injection Date: 06-Dec-2022 23:22:30

Instrument ID: CHW.i

Lims ID: 200-65967-A-3

Lab Sample ID: 200-65967-3

Client ID: SV-3

Operator ID: vtp

ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 4.0000

Method: TO15_TO3_MasterMethod_W

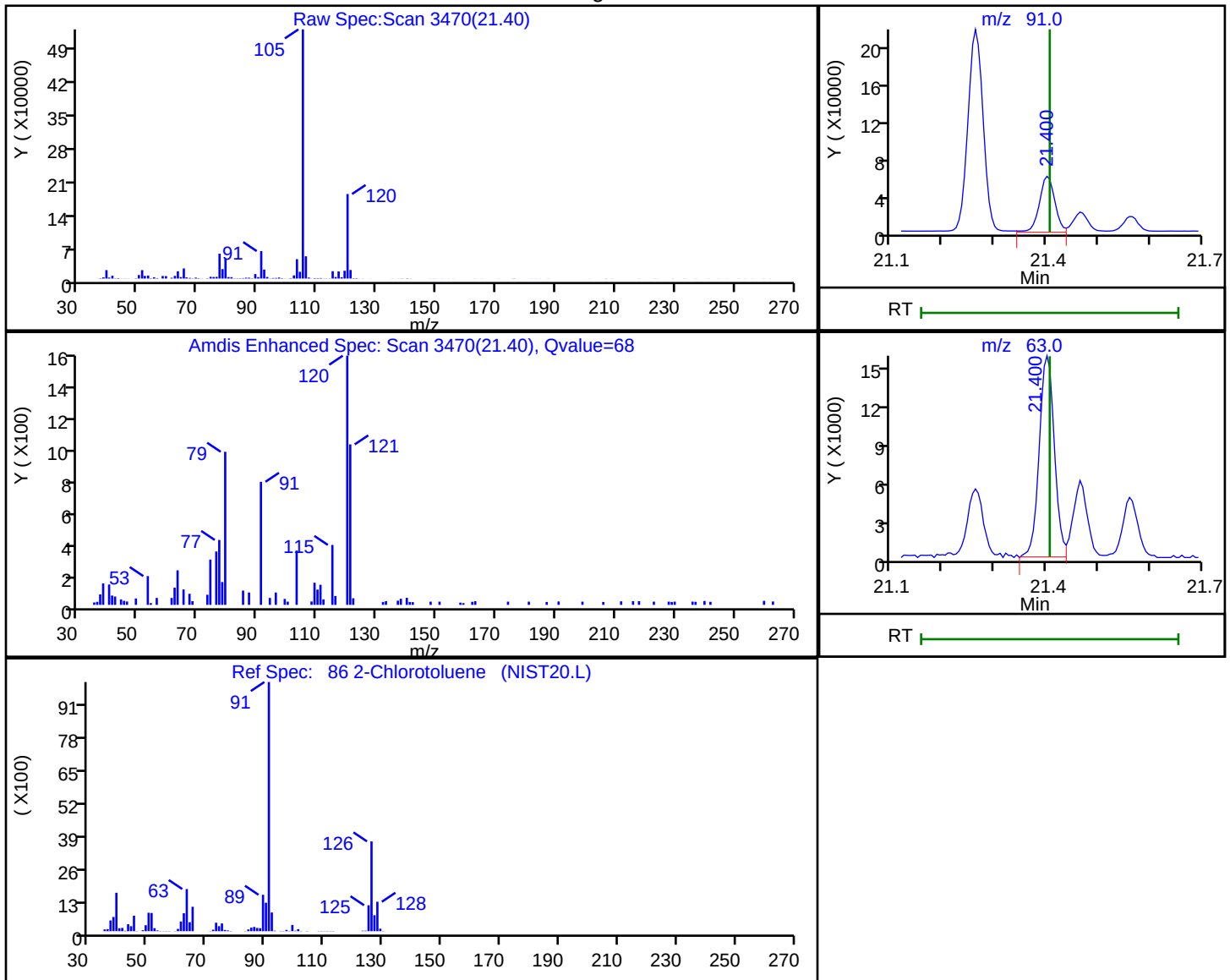
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

86 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
21.40	91.00	115459	2.240527
21.40	63.00	31394	

Reviewer: BKZ7, 07-Dec-2022 09:22:54

Audit Action: Marked Compound Undetected

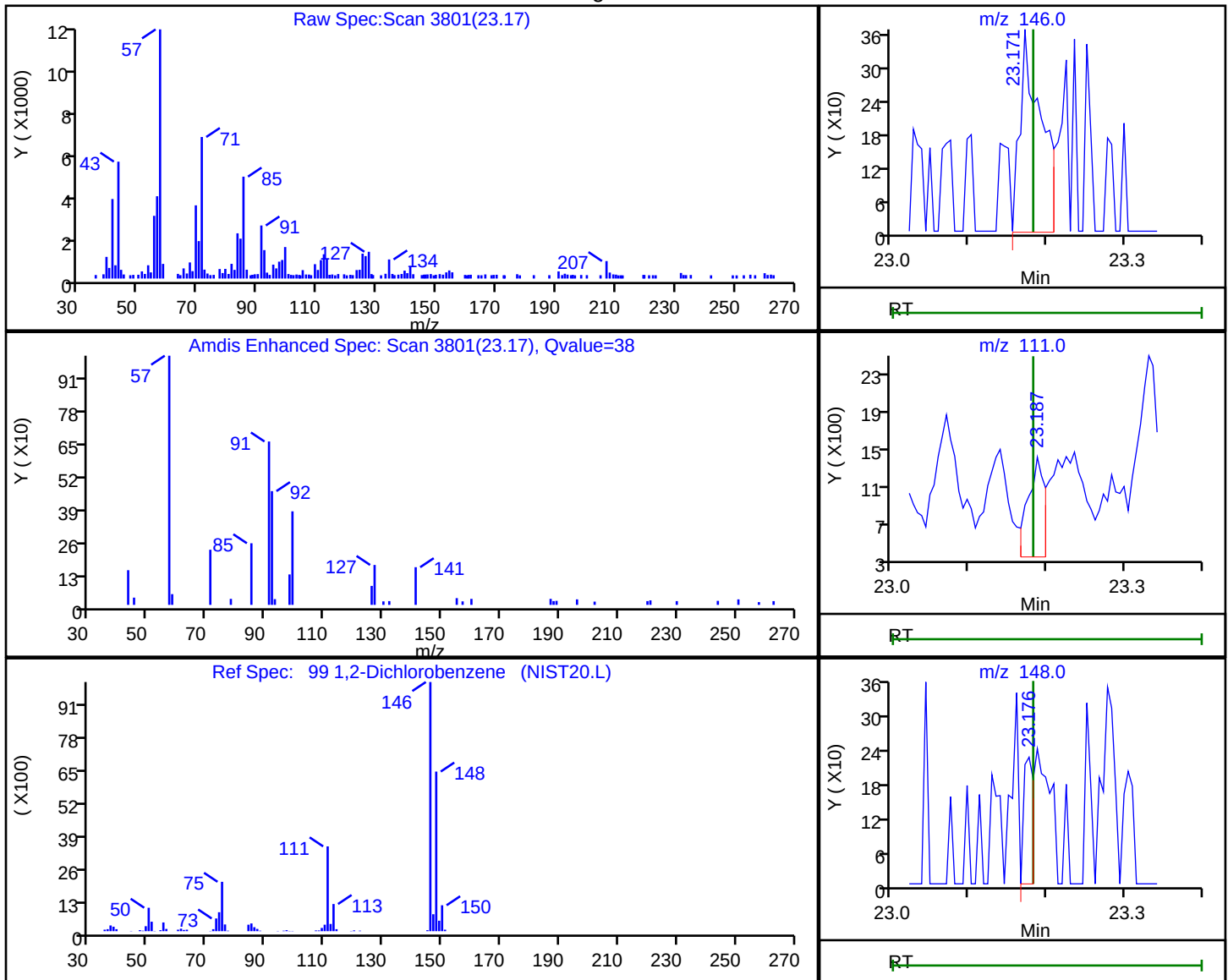
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d
Injection Date: 06-Dec-2022 23:22:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
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

99 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
23.17	146.00	695	0.015972
23.19	111.00	1615	
23.18	148.00	199	

Reviewer: BKZ7, 07-Dec-2022 09:22:41

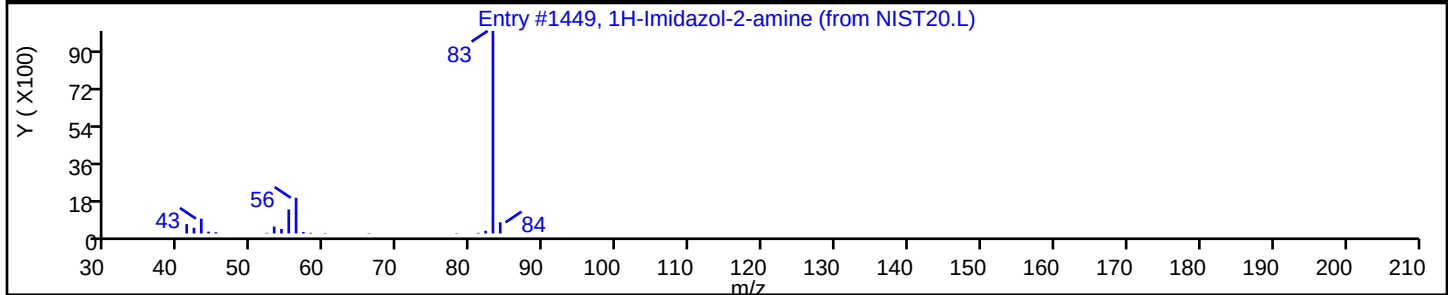
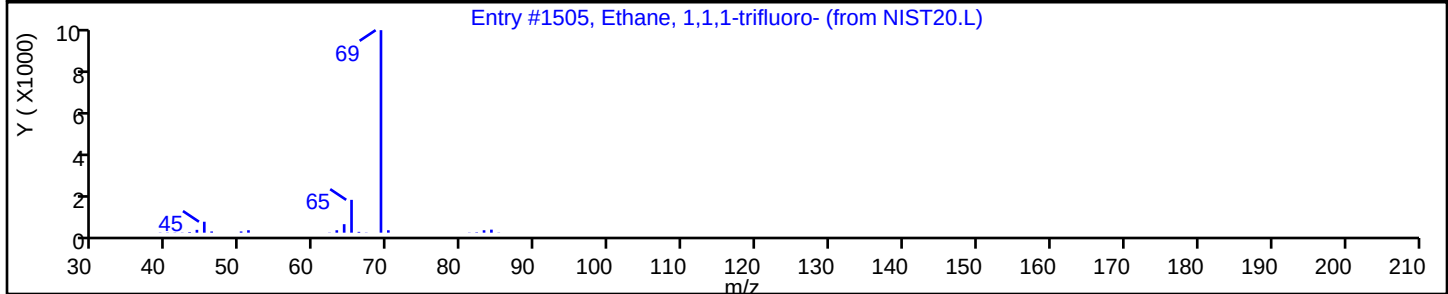
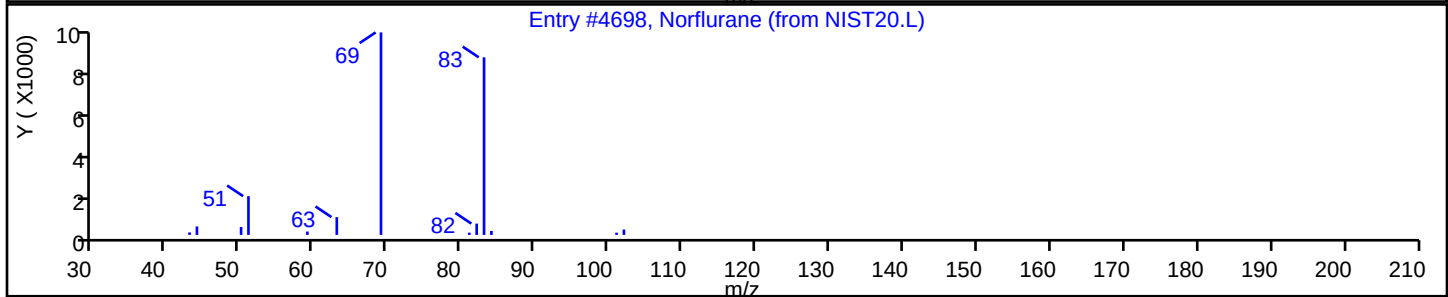
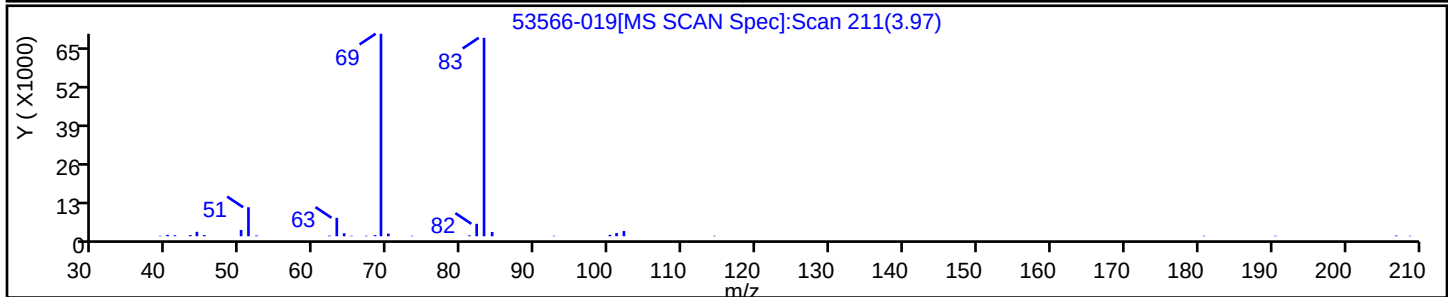
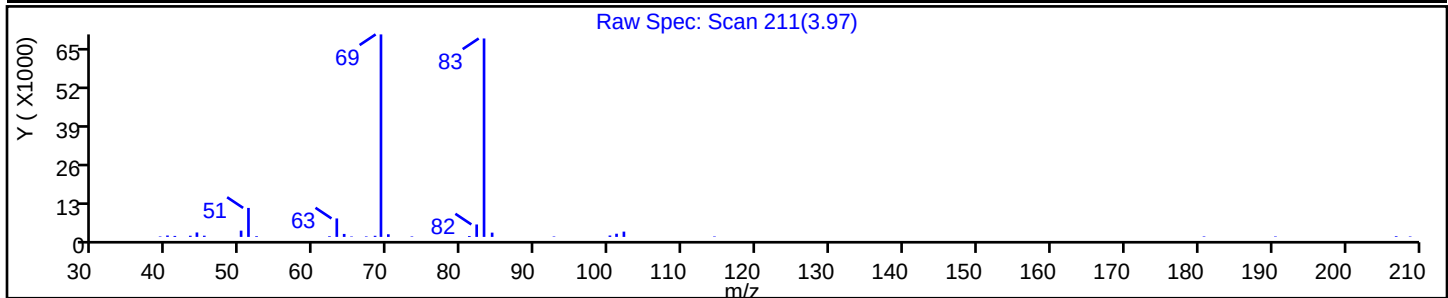
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d
Injection Date: 06-Dec-2022 23:22:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 4.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: Detector MS SCAN

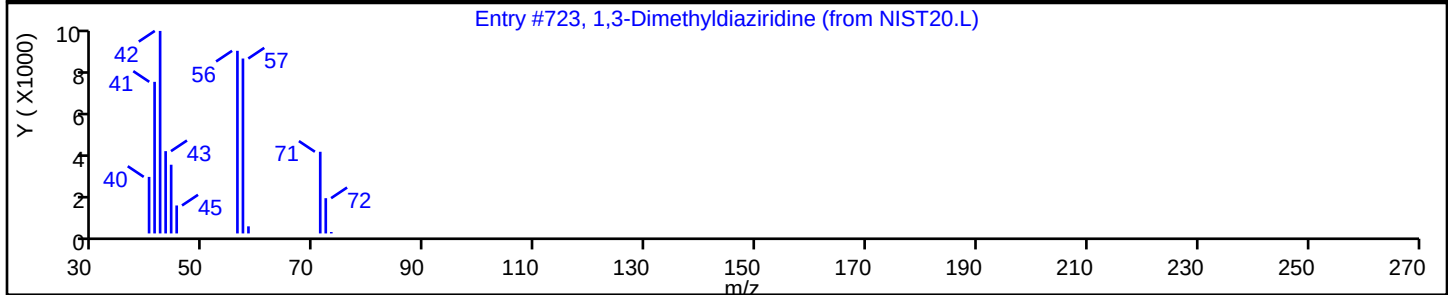
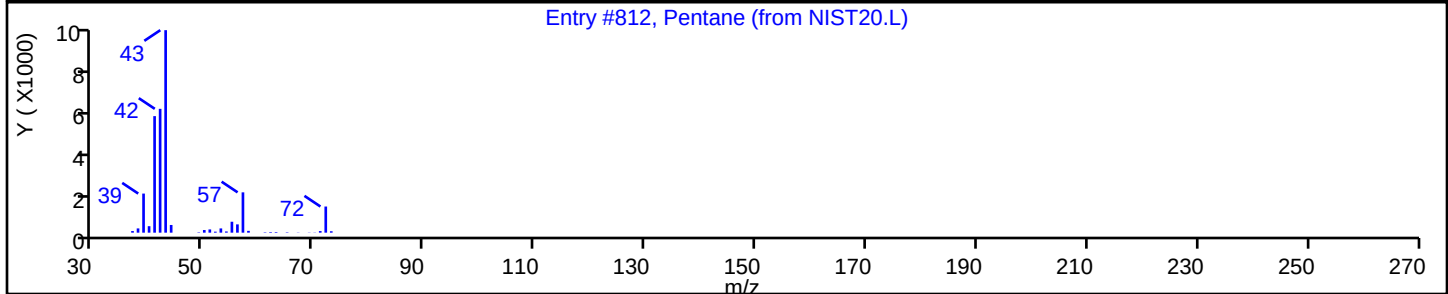
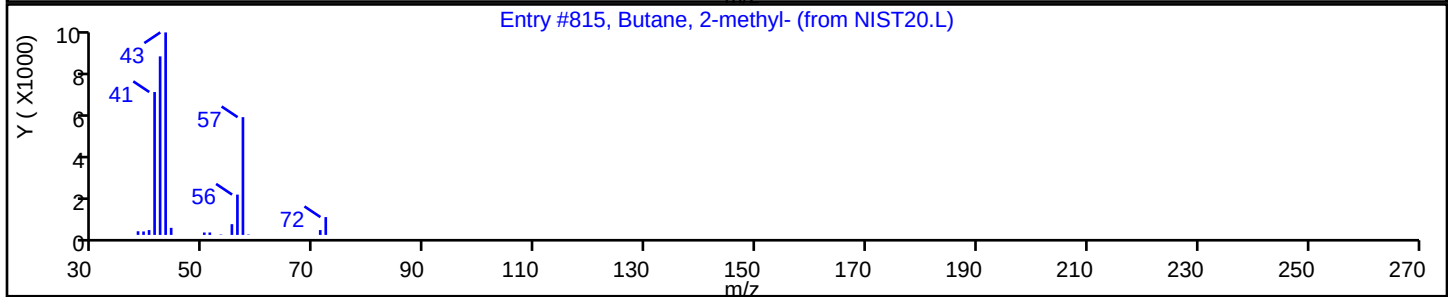
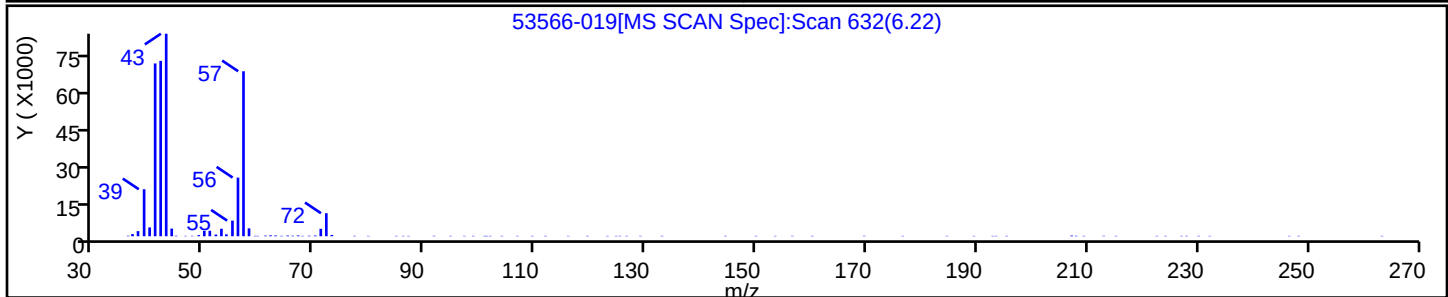
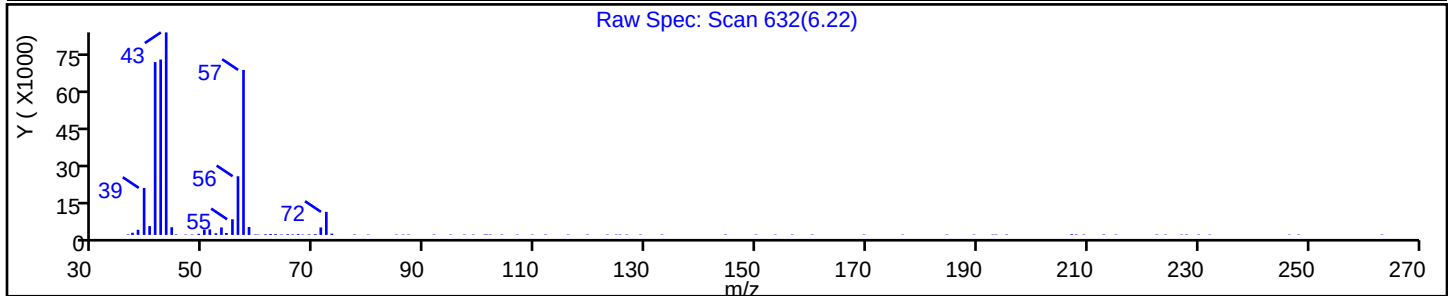
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Norflurane	811-97-2	NIST20.L	4698	C2H2F4	102	90
Ethane, 1,1,1-trifluoro-	420-46-2	NIST20.L	1505	C2H3F3	84	7
1H-Imidazol-2-amine	7720-39-0	NIST20.L	1449	C3H5N3	83	4



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d
Injection Date: 06-Dec-2022 23:22:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 4.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Butane, 2-methyl-	78-78-4	NIST20.L	815	C5H12	72	91
Pentane	109-66-0	NIST20.L	812	C5H12	72	46
1,3-Dimethyldiaziridine	26177-36-6	NIST20.L	723	C3H8N2	72	40



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d

Injection Date: 06-Dec-2022 23:22:30

Instrument ID: CHW.i

Lims ID: 200-65967-A-3

Lab Sample ID: 200-65967-3

Client ID: SV-3

Operator ID: vtp

ALS Bottle#: 18

Worklist Smp#: 19

Purge Vol: 200.000 mL

Dil. Factor: 4.0000

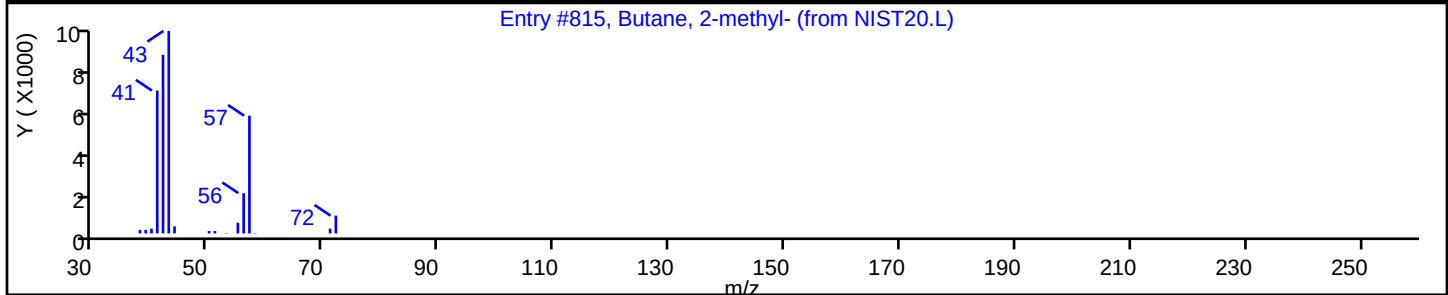
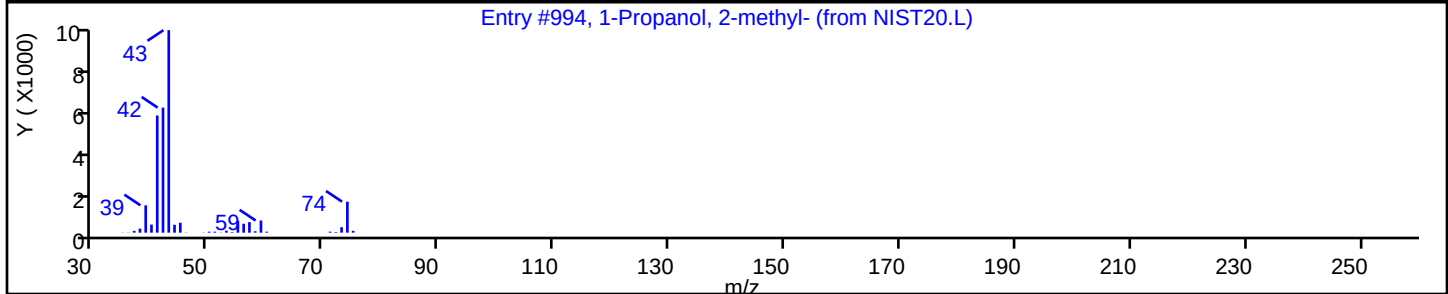
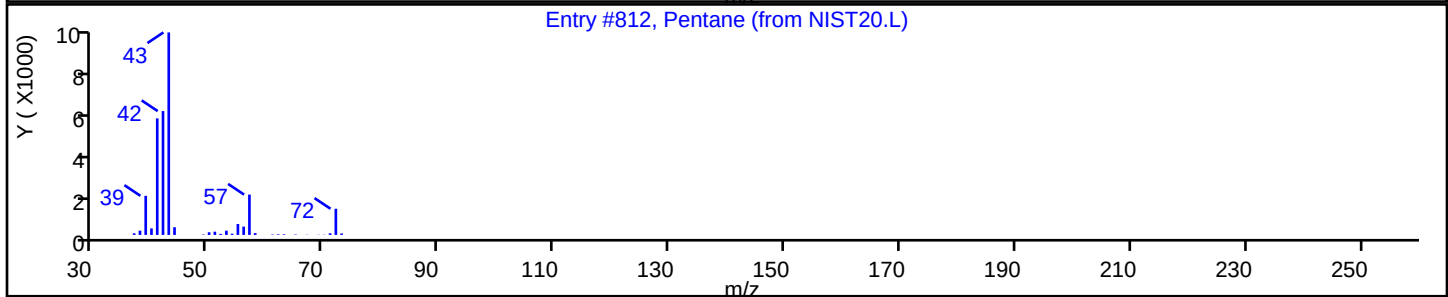
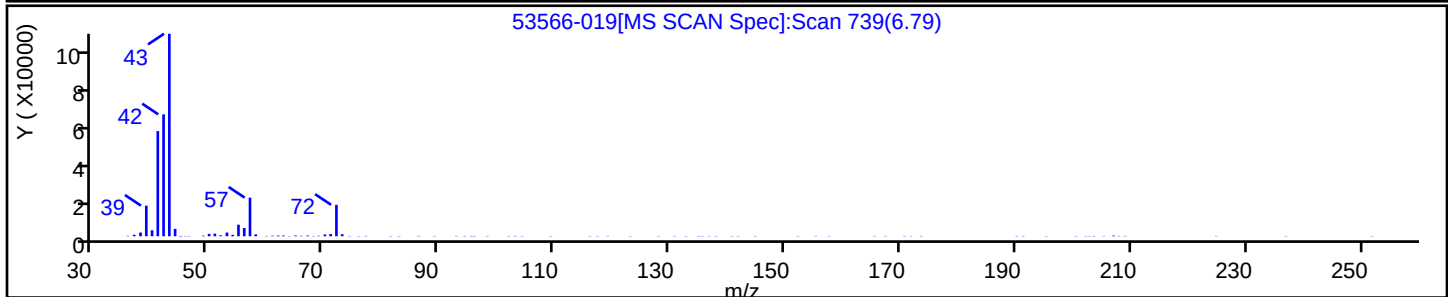
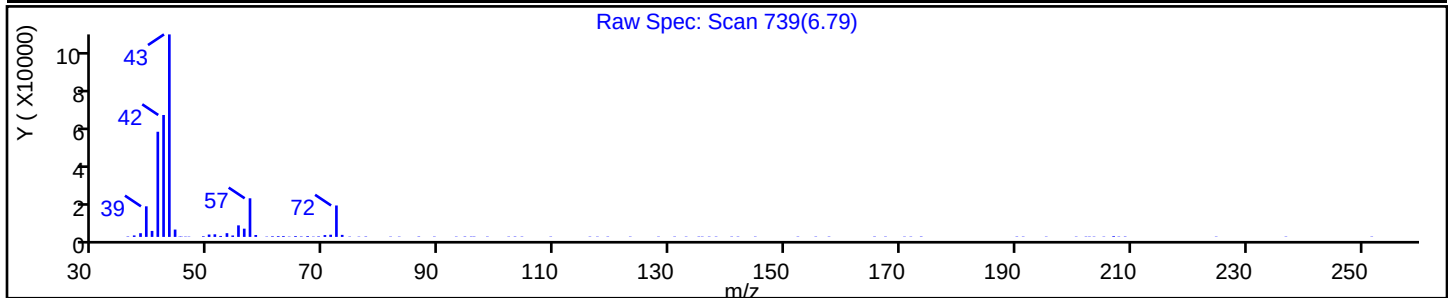
Method: TO15_TO3_MasterMethod_W

Limit Group: AI_TO15_ICAL

Column:

Detector MS SCAN

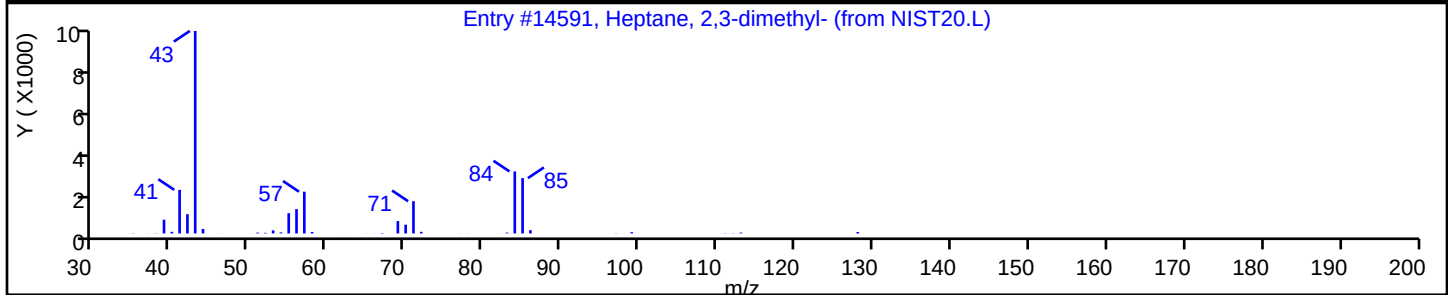
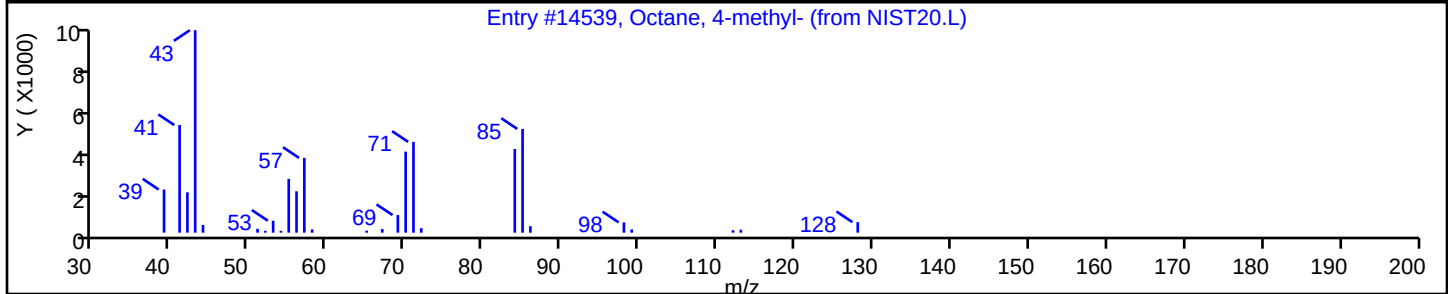
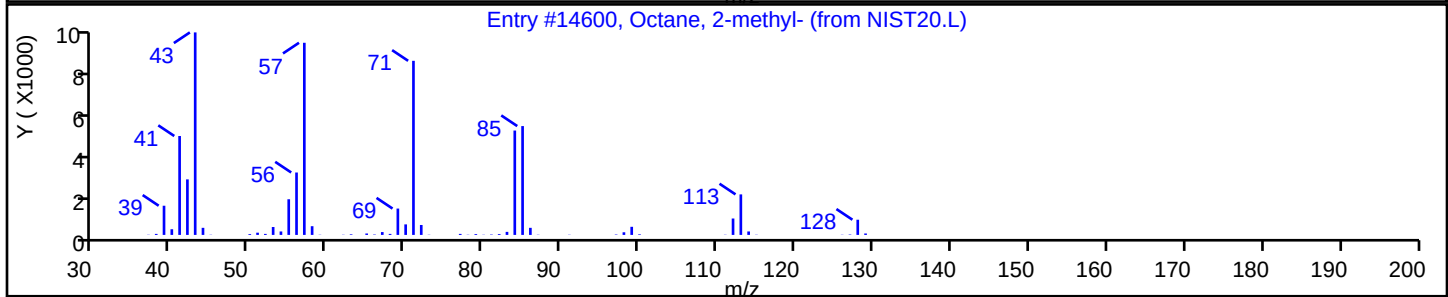
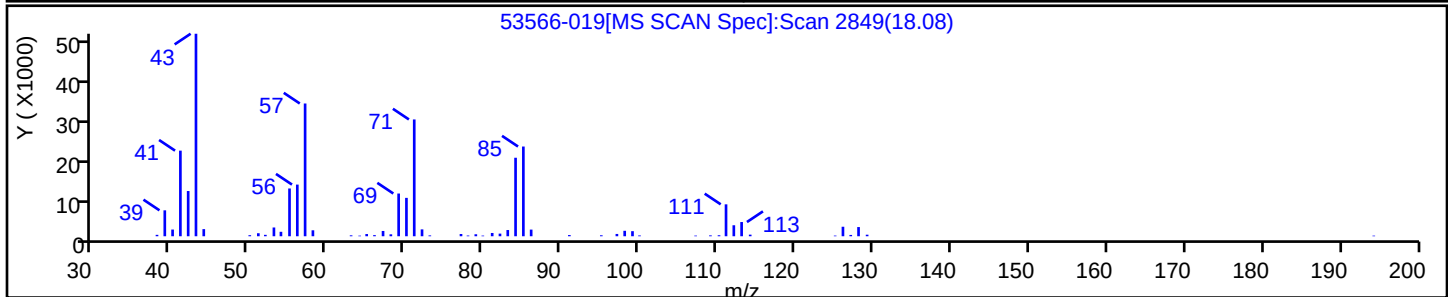
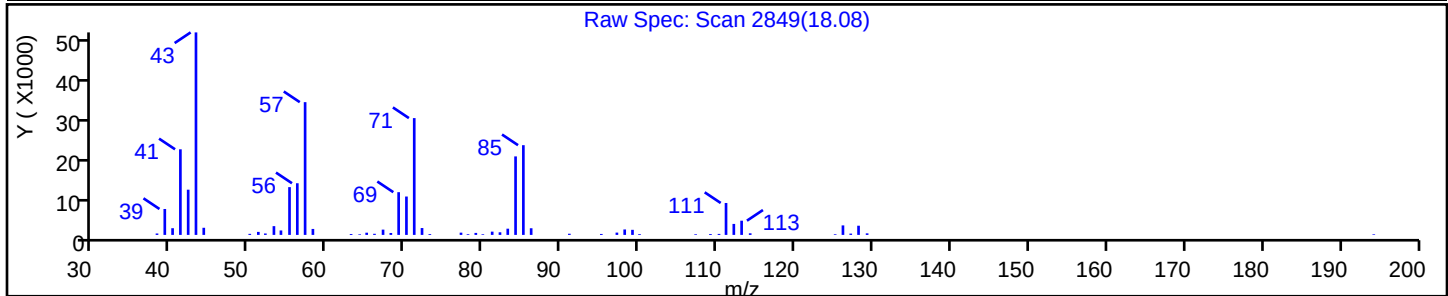
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane	109-66-0	NIST20.L	812	C5H12	72	91
1-Propanol, 2-methyl-	78-83-1	NIST20.L	994	C4H10O	74	40
Butane, 2-methyl-	78-78-4	NIST20.L	815	C5H12	72	39



Eurofins Burlington

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Injection Date: 06-Dec-2022 23:22:30 Instrument ID: CHW.i
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Purge Vol: 200.000 mL Dil. Factor: 4.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: Detector MS SCAN

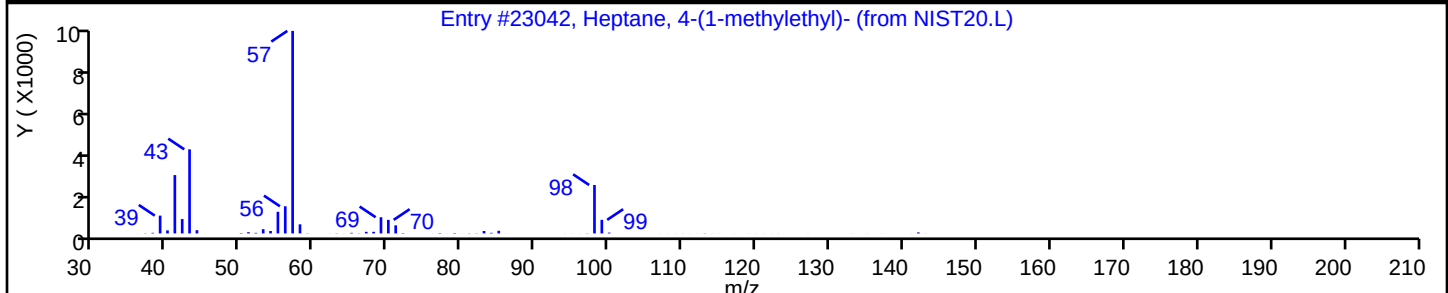
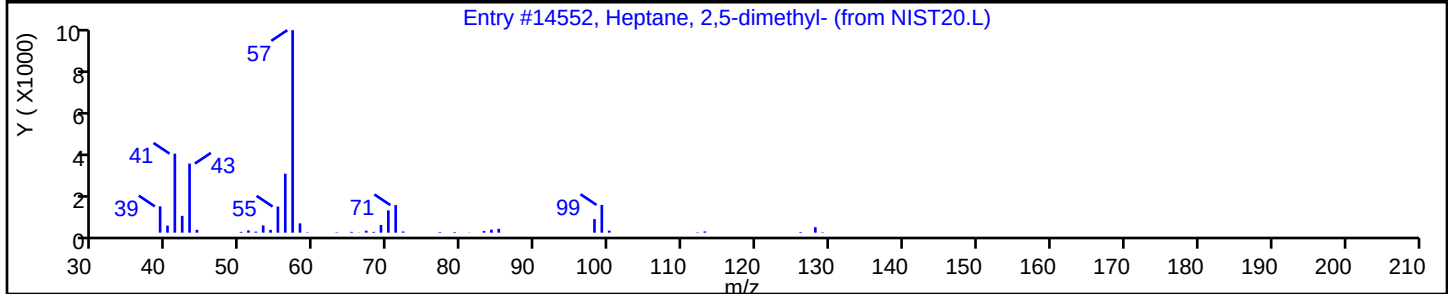
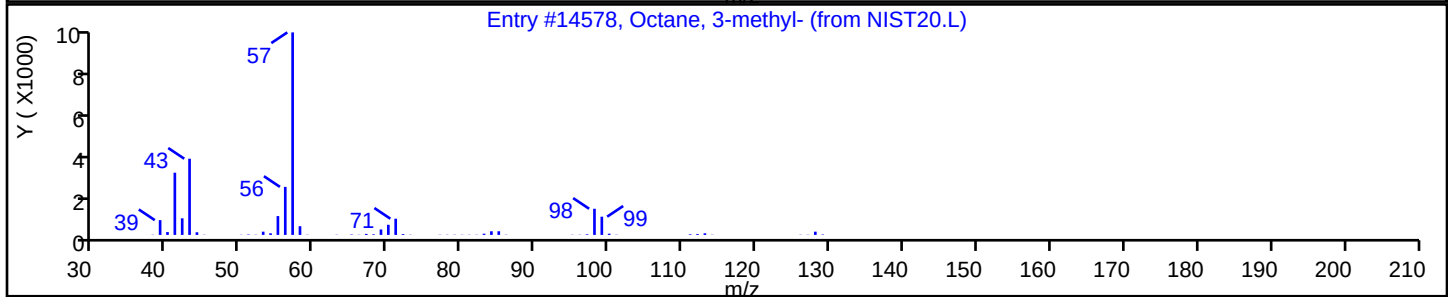
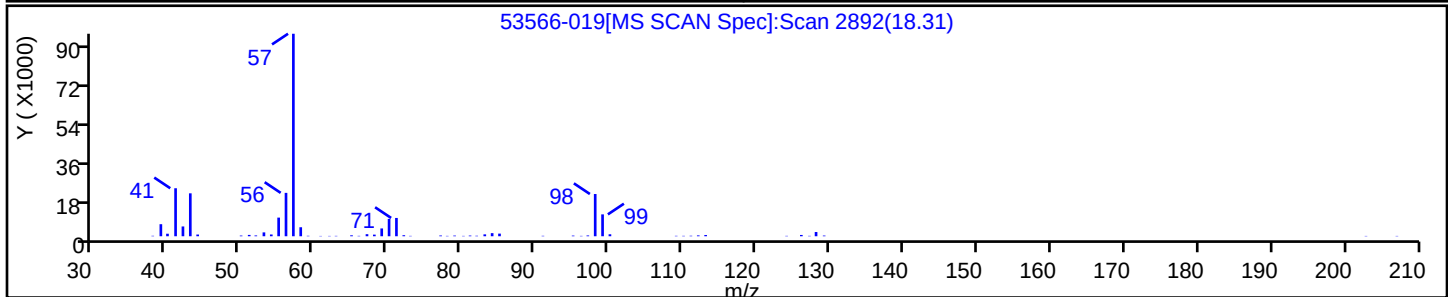
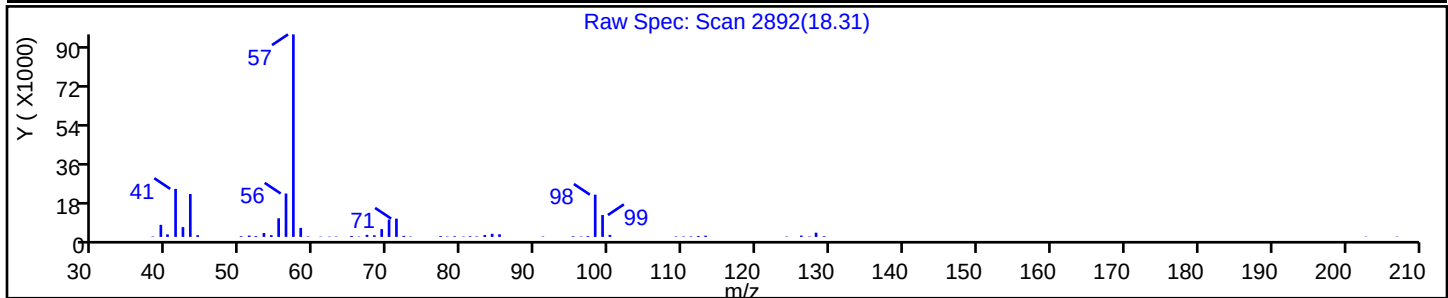
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octane, 2-methyl-	3221-61-2	NIST20.L	14600	C9H20	128	93
Octane, 4-methyl-	2216-34-4	NIST20.L	14539	C9H20	128	90
Heptane, 2,3-dimethyl-	3074-71-3	NIST20.L	14591	C9H20	128	50



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d
Injection Date: 06-Dec-2022 23:22:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 4.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: Detector MS SCAN

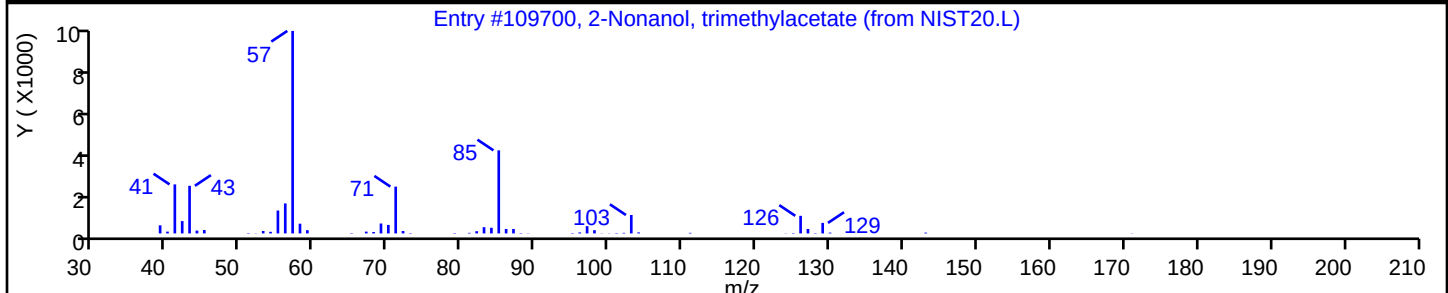
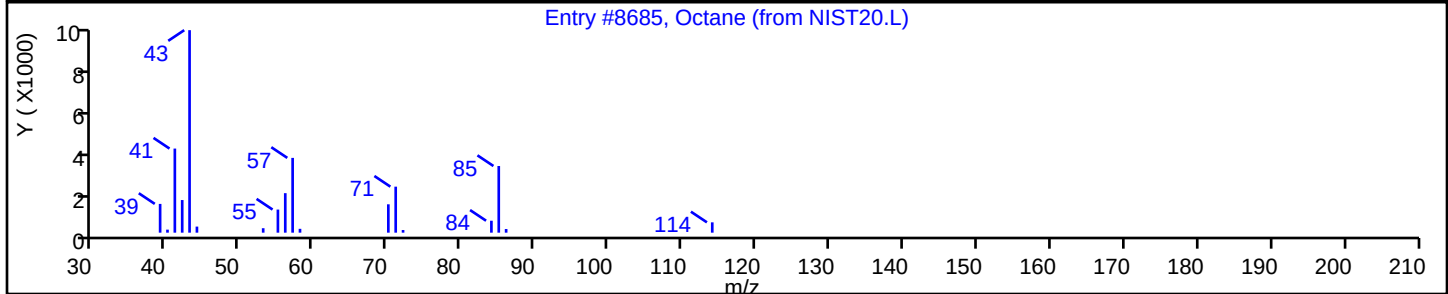
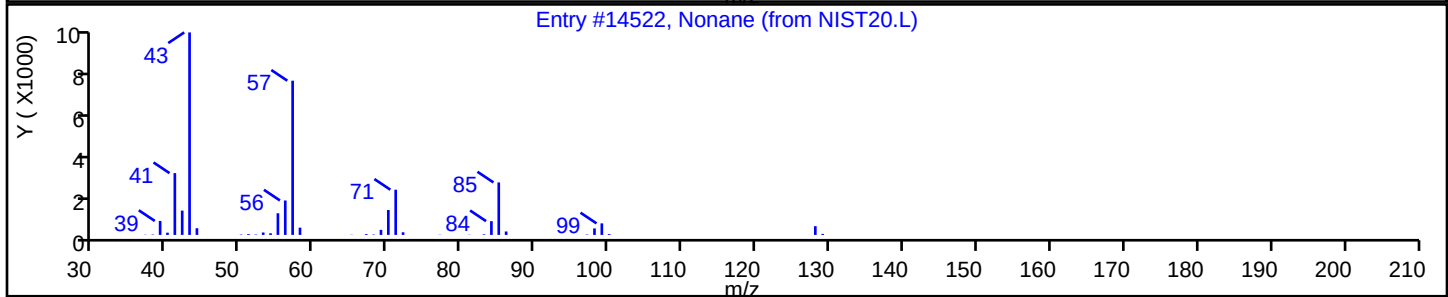
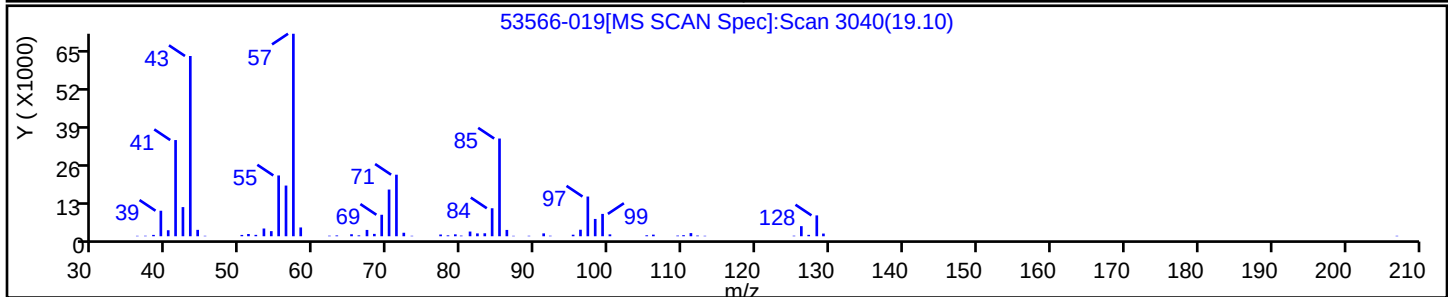
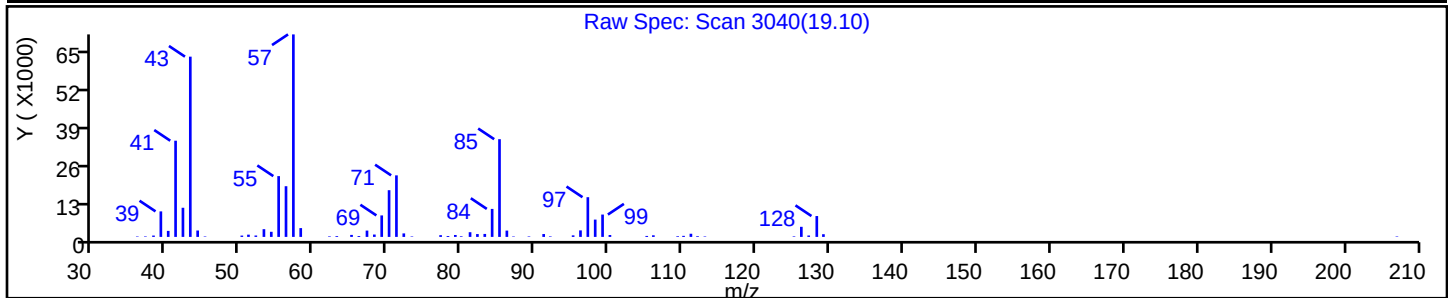
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octane, 3-methyl-	2216-33-3	NIST20.L	14578	C9H20	128	91
Heptane, 2,5-dimethyl-	2216-30-0	NIST20.L	14552	C9H20	128	76
Heptane, 4-(1-methylethyl)-	52896-87-4	NIST20.L	23042	C10H22	142	59



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d
Injection Date: 06-Dec-2022 23:22:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 4.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: Detector MS SCAN

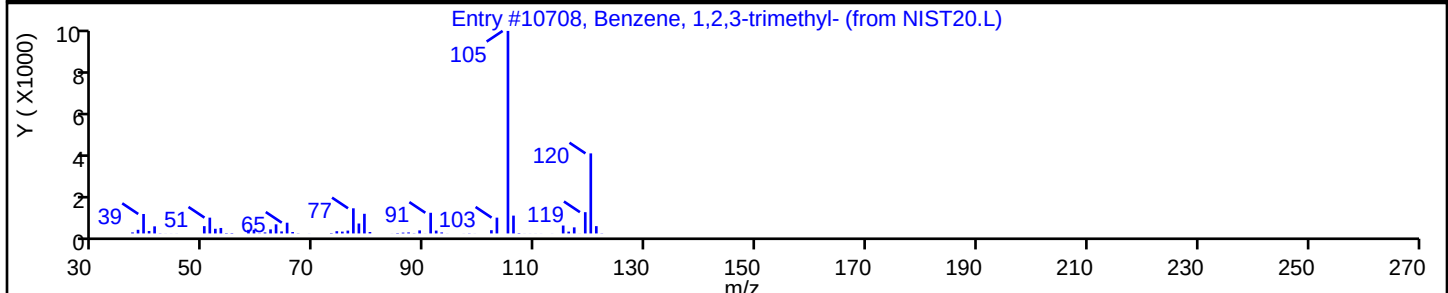
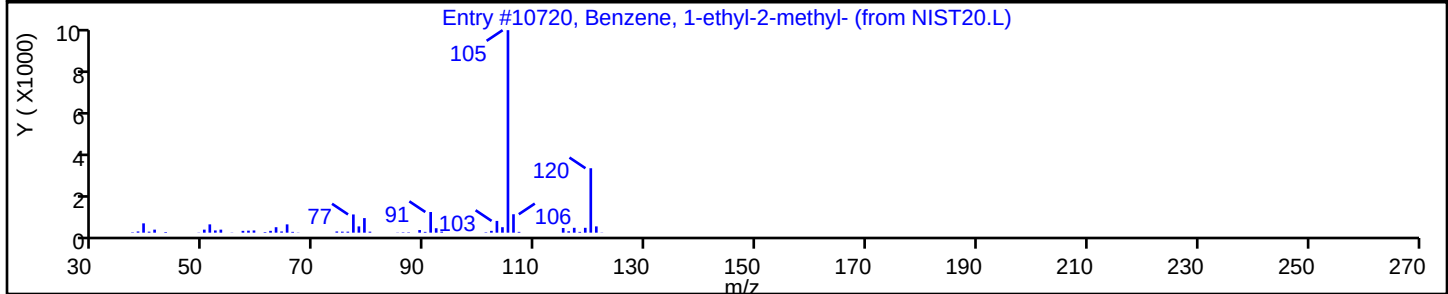
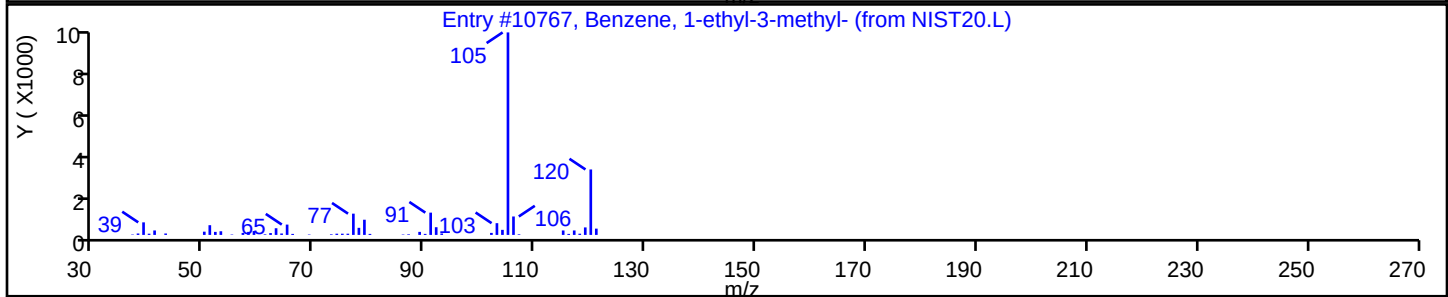
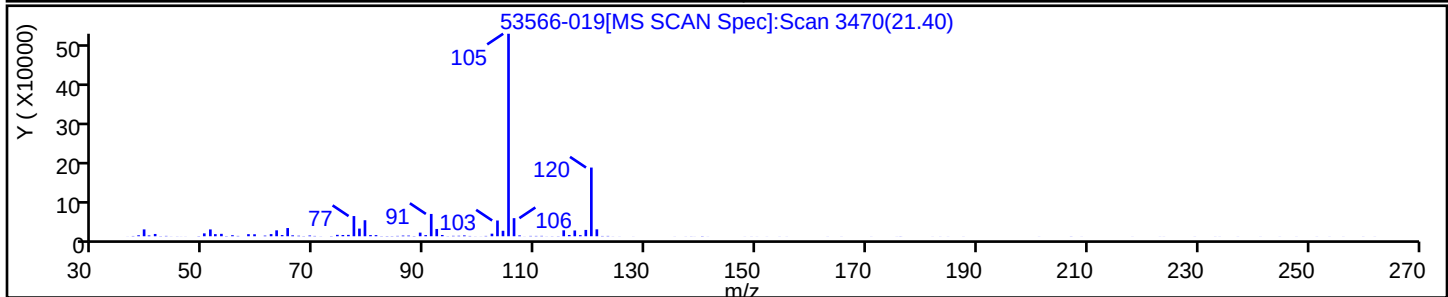
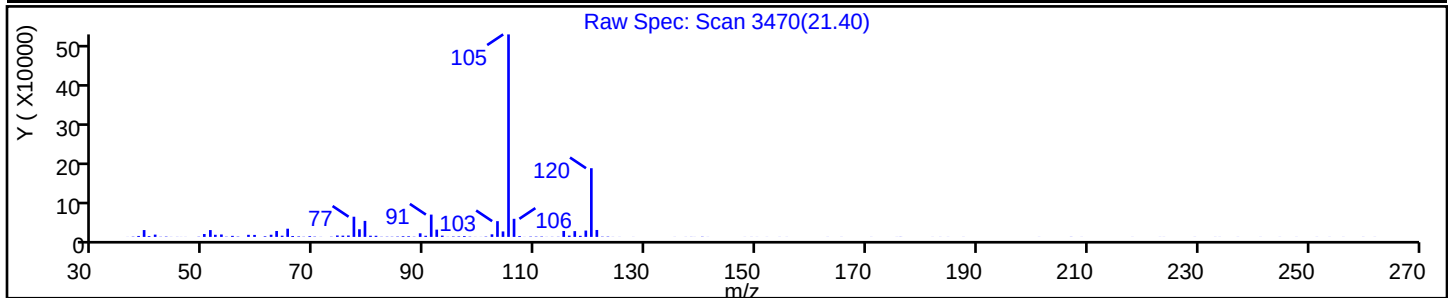
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Nonane	111-84-2	NIST20.L	14522	C ₉ H ₂₀	128	93
Octane	111-65-9	NIST20.L	8685	C ₈ H ₁₈	114	52
2-Nonanol, trimethylacetate	998463-21-6	NIST20.L	109700	C ₁₄ H ₂₈ O ₂	228	47



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d
Injection Date: 06-Dec-2022 23:22:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 4.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: Detector MS SCAN

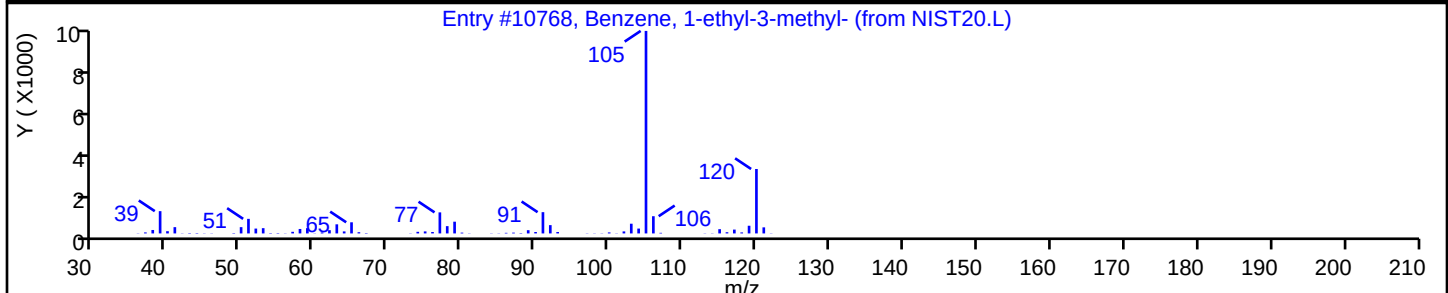
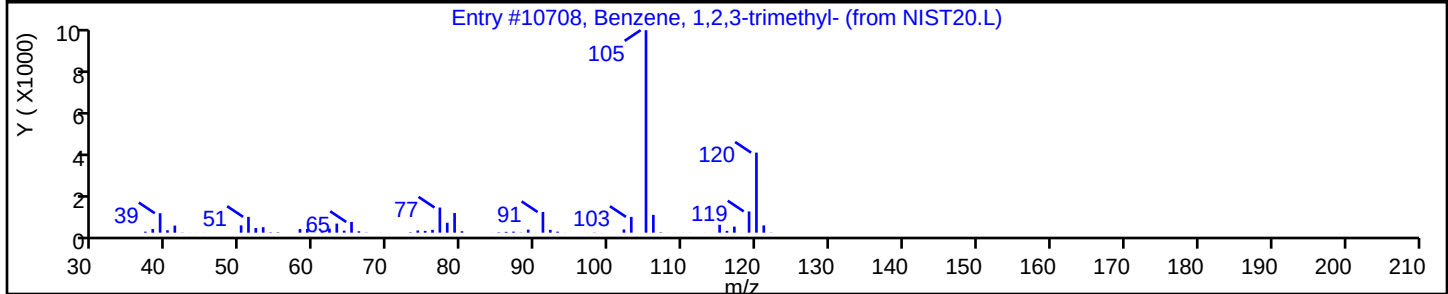
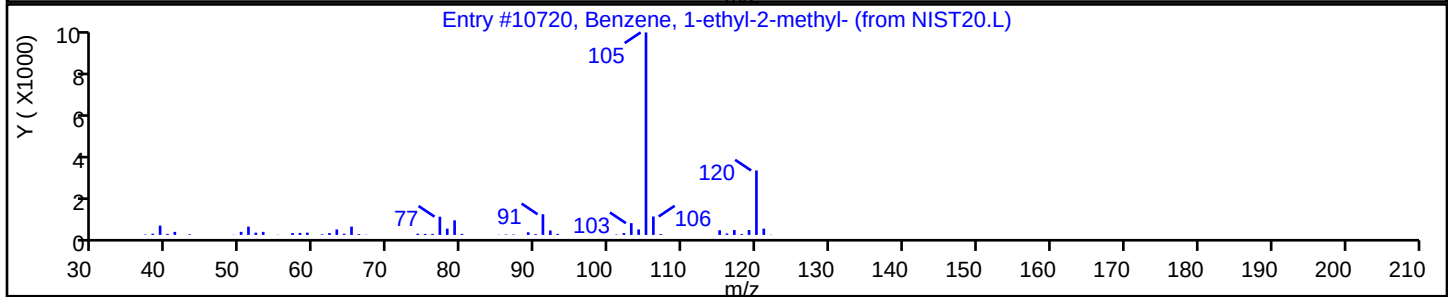
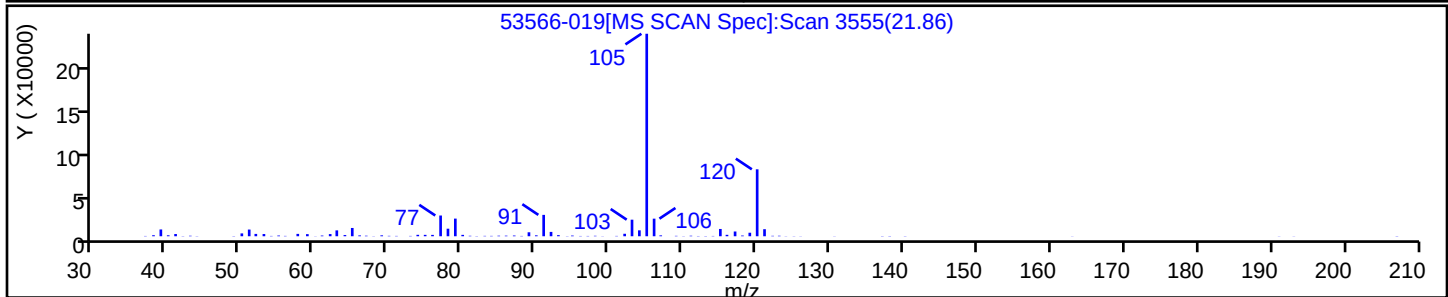
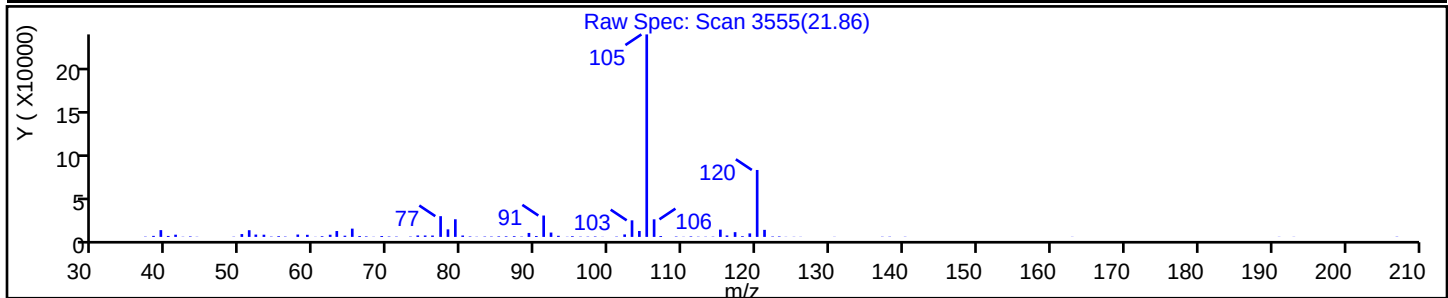
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST20.L	10767	C9H12	120	95
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST20.L	10720	C9H12	120	95
Benzene, 1,2,3-trimethyl-	526-73-8	NIST20.L	10708	C9H12	120	91



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d
Injection Date: 06-Dec-2022 23:22:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 4.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: Detector MS SCAN

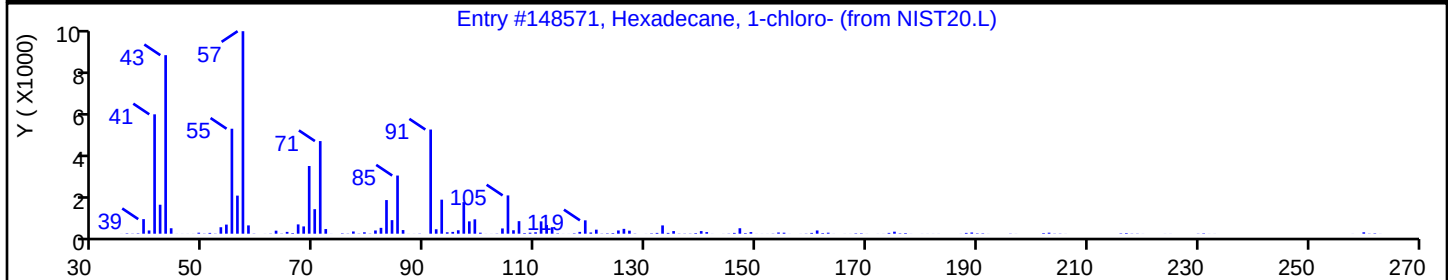
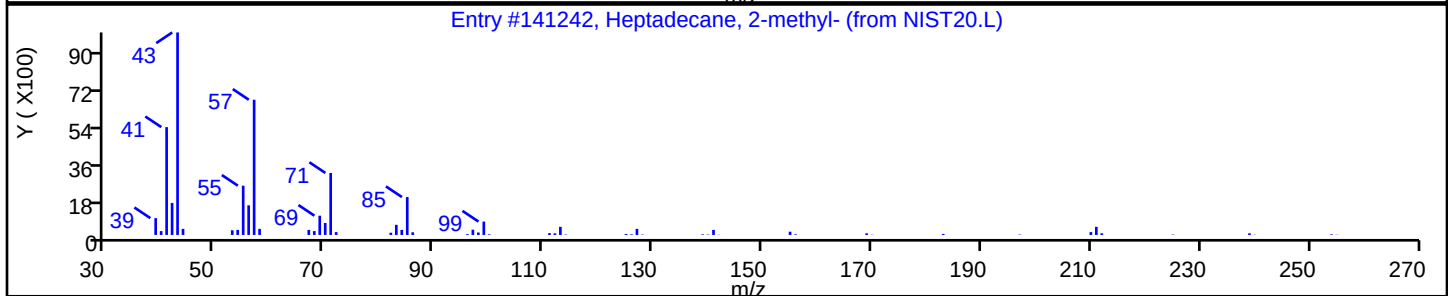
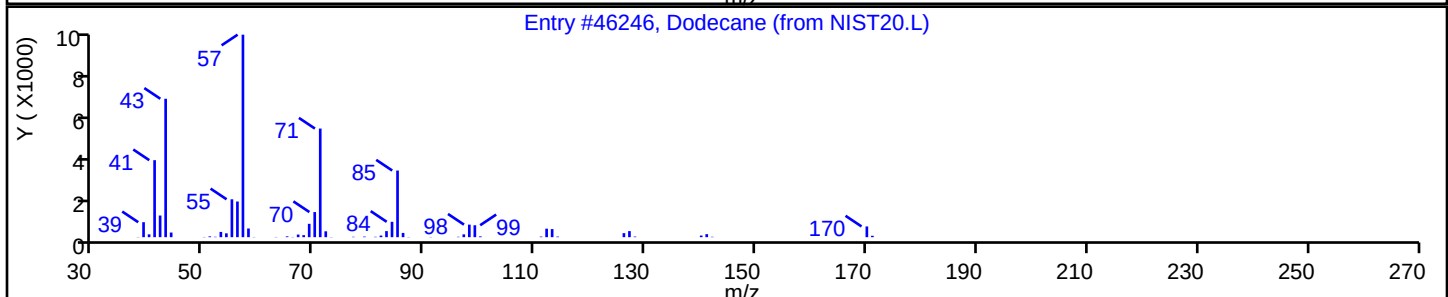
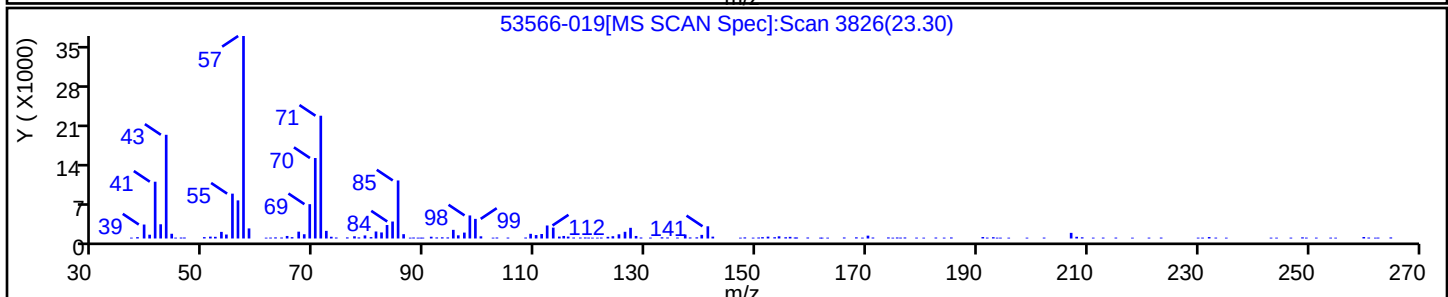
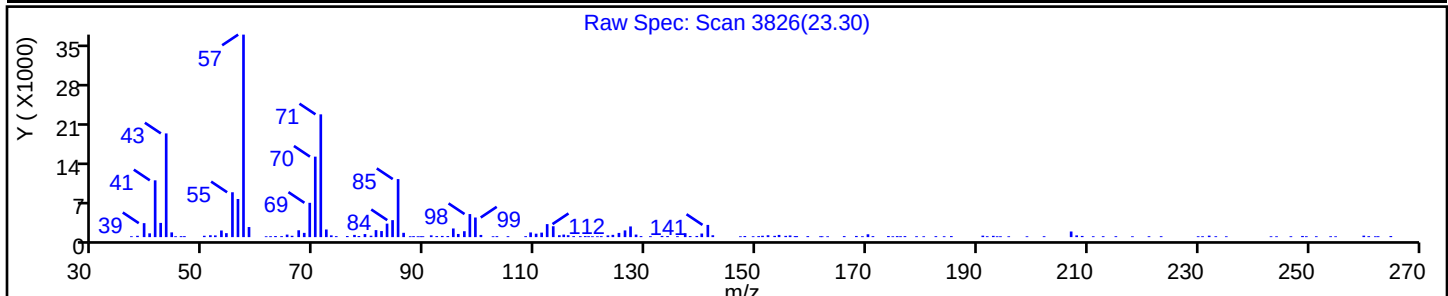
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST20.L	10720	C9H12	120	95
Benzene, 1,2,3-trimethyl-	526-73-8	NIST20.L	10708	C9H12	120	93
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST20.L	10768	C9H12	120	90



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d
Injection Date: 06-Dec-2022 23:22:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 4.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: Detector MS SCAN

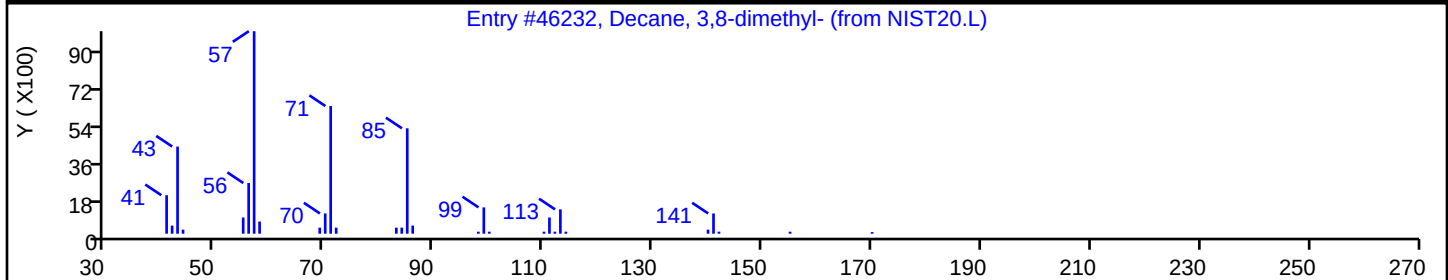
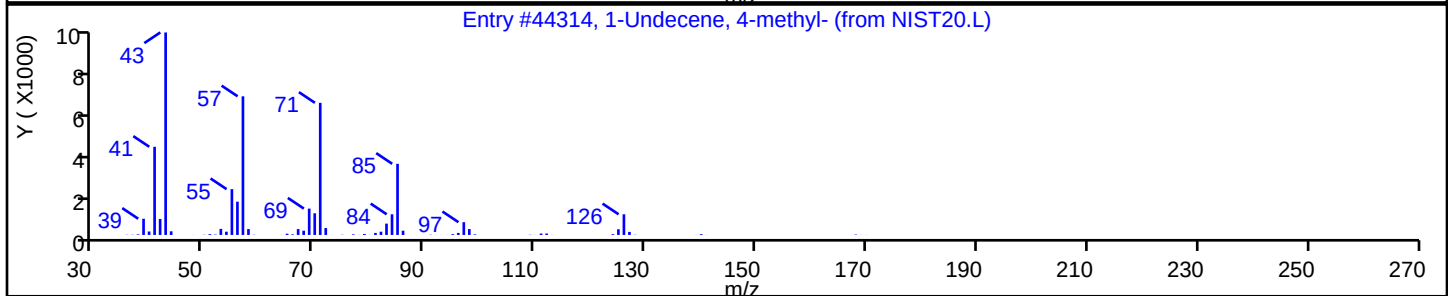
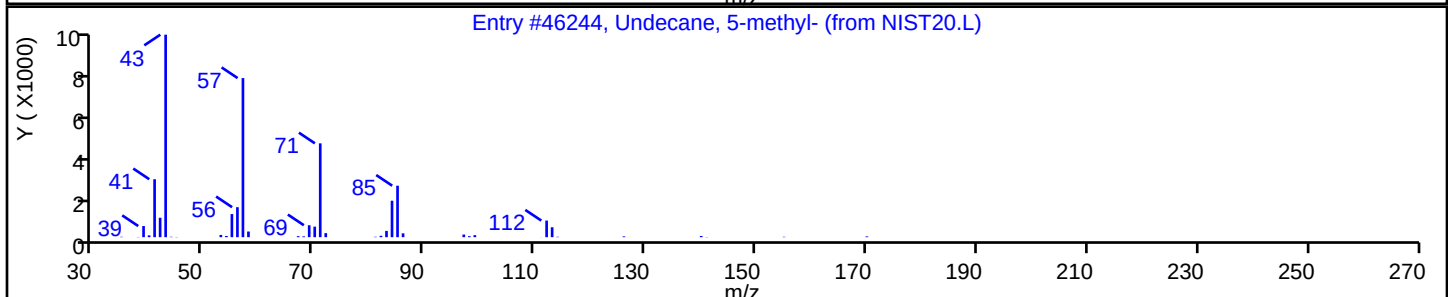
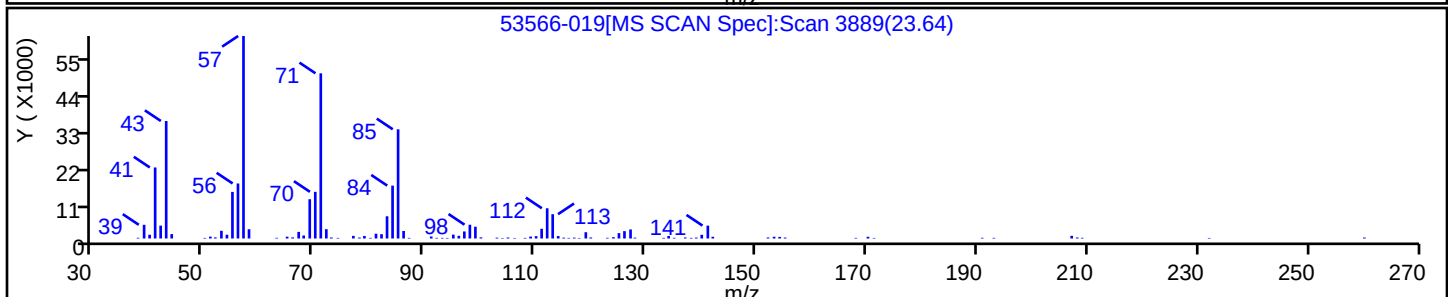
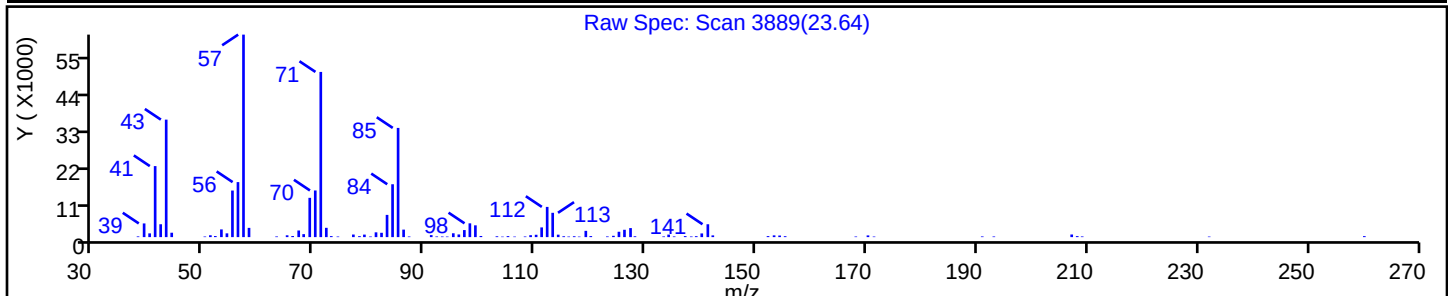
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Dodecane	112-40-3	NIST20.L	46246	C ₁₂ H ₂₆	170	68
Heptadecane, 2-methyl-	1560-89-0	NIST20.L	141242	C ₁₈ H ₃₈	254	64
Hexadecane, 1-chloro-	4860-03-1	NIST20.L	148571	C ₁₆ H ₃₃ Cl	260	62



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-019.d
Injection Date: 06-Dec-2022 23:22:30 Instrument ID: CHW.i
Lims ID: 200-65967-A-3 Lab Sample ID: 200-65967-3
Client ID: SV-3
Operator ID: vtp ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 4.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Undecane, 5-methyl-	1632-70-8	NIST20.L	46244	C ₁₂ H ₂₆	170	76
1-Undecene, 4-methyl-	74630-39-0	NIST20.L	44314	C ₁₂ H ₂₄	168	72
Decane, 3,8-dimethyl-	17312-55-9	NIST20.L	46232	C ₁₂ H ₂₆	170	72



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

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186003

SDG No.: _____

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

Calibration Start Date: 11/21/2022 16:41 Calibration End Date: 11/22/2022 00:38 Calibration ID: 49464

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-186003/4	200-53415-004.D
Level 2	IC 200-186003/5	200-53415-005.D
Level 3	IC 200-186003/6	200-53415-006.D
Level 4	IC 200-186003/7	200-53415-007.D
Level 5	ICIS 200-186003/8	200-53415-008.D
Level 6	IC 200-186003/9	200-53415-009.D
Level 7	IC 200-186003/12	200-53415-012.D
Level 8	IC 200-186003/13	200-53415-013.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Propylene	+++++ 0.5645	+++++ 0.4912	+++++ 0.4455	0.5620	0.5086	Ave		0.514 4				9.8		30.0			
Dichlorodifluoromethane	+++++ 3.5588	+++++ 3.1432	3.2985 2.9580	3.3624	3.1850	Ave		3.251 0				6.3		30.0			
Chlorodifluoromethane	+++++ 1.5016	+++++ 1.2995	1.3919 1.1945	1.4430	1.3348	Ave		1.360 9				8.0		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 3.0814	3.1114 2.6629	2.9084 2.5565	2.8842	2.7865	Ave		2.855 9				7.2		30.0			
Chloromethane	+++++ 0.6540	+++++ 0.5894	0.6277 0.5477	0.6500	0.5967	Ave		0.610 9				6.7		30.0			
n-Butane	+++++ 0.9336	+++++ 0.7967	0.9641 0.7410	0.8983	0.8431	Ave		0.862 8				9.9		30.0			
Vinyl chloride	1.0324 0.8395	0.8680 0.7204	0.8082 0.6844	0.7823	0.7522	Ave		0.810 9				13.3		30.0			
1,3-Butadiene	0.2191 0.5613	0.5474 0.4733	0.5690 0.4454	0.5149	0.4868	Ave		0.477 1				23.7		30.0			
Bromomethane	+++++ 1.0957	1.1574 0.9433	1.0167 0.9157	1.0431	0.9743	Ave		1.020 9				8.4		30.0			
Chloroethane	+++++ 0.3038	+++++ 0.2511	0.3117 0.2472	0.2953	0.2746	Ave		0.280 6				9.8		30.0			
Isopentane	+++++ 0.5895	0.6776 0.5017	0.6337 0.4655	0.5761	0.5629	Ave		0.572 4				12.7		30.0			
Bromoethene (Vinyl Bromide)	+++++ 1.1143	1.1748 0.9363	1.1057 0.8958	1.0606	0.9884	Ave		1.039 4				9.8		30.0			
Trichlorofluoromethane	+++++ 3.2368	3.4774 2.7409	3.1930 2.6146	3.1502	2.9780	Ave		3.055 9				9.8		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186003

SDG No.: _____

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

Calibration Start Date: 11/21/2022 16:41 Calibration End Date: 11/22/2022 00:38 Calibration ID: 49464

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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	++++ 0.8695	++++ 0.7411	0.9466 0.6609	0.8889	0.8313	Ave		0.823 0				12.7		30.0			
Ethanol	++++ 0.2444	++++ 0.2155	0.2081 0.2431	0.2478	0.2303	Ave		0.231 5				7.1		30.0			
Ethyl ether	++++ 0.3166	0.3829 0.2848	0.3401 0.2934	0.3032	0.3250	Ave		0.320 9				10.4		30.0			
Acrolein	++++ 0.1392	++++ 0.1369	++++ 0.1609	0.1212	0.1489	Ave		0.141 4				10.4		30.0			
1,1-Dichloroethene	1.0954 0.9725	1.1019 0.7841	0.8600 0.7303	0.9451	0.8906	Ave		0.922 5				14.6		30.0			
1,1,2-Trichlorotrifluoroethane	++++ 2.0856	2.3319 1.7681	2.0576 1.6754	2.0283	1.9918	Ave		1.991 3				10.9		30.0			
Acetone	++++ 0.7871	++++ 0.7151	++++ 0.6945	0.7658	0.8166	Ave		0.755 8				6.7		30.0			
Isopropyl alcohol	++++ 0.9972	++++ 0.8540	++++ 0.7427	0.9627	0.9529	Ave		0.901 9				11.5		30.0			
Carbon disulfide	++++ 2.4189	++++ 2.0863	2.4240 1.9137	2.3573	2.2226	Ave		2.237 1				9.2		30.0			
Acetonitrile	++++ 0.2640	++++ 0.2503	++++ 0.2595	0.2715	0.2921	Ave		0.267 5				5.9		30.0			
3-Chloropropene	++++ 0.7272	0.7502 0.6448	0.7890 0.6203	0.6828	0.6916	Ave		0.700 8				8.4		30.0			
Methylene Chloride	++++ 0.7879	++++ 0.6718	0.8466 0.6346	0.7863	0.7654	Ave		0.748 8				10.6		30.0			
tert-Butyl alcohol	++++ 1.3803	++++ 1.1909	++++ 1.0521	1.3283	1.3106	Ave		1.252 5				10.5		30.0			
Acrylonitrile	++++ 0.2915	++++ 0.2826	0.2886 0.2991	0.2663	0.3110	Ave		0.289 8				5.2		30.0			
trans-1,2-Dichloroethene	0.9019 1.1426	1.1629 0.9762	1.0860 0.9195	1.1160	1.0894	Ave		1.049 3				9.7		30.0			
Methyl tert-butyl ether	++++ 1.8357	1.8872 1.6221	1.8615 1.6401	1.7152	1.7655	Ave		1.761 0				6.0		30.0			
n-Hexane	++++ 0.8360	0.8503 0.7206	0.8421 0.6922	0.8070	0.8075	Ave		0.793 7				7.9		30.0			
1,1-Dichloroethane	1.0009 1.2467	1.3195 1.1096	1.1853 1.0793	1.2156	1.2253	Ave		1.172 8				8.8		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186003

SDG No.: _____

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

Calibration Start Date: 11/21/2022 16:41 Calibration End Date: 11/22/2022 00:38 Calibration ID: 49464

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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	++++ 1.1920	++++ 1.1296	++++ 1.1603	1.1189	1.2508	Ave		1.170 3				4.6		30.0			
Methyl Ethyl Ketone	++++ 0.2878	++++ 0.2526	0.2469 0.2492	0.2746	0.2734	Ave		0.264 1				6.4		30.0			
cis-1,2-Dichloroethene	0.3196 0.9360	0.9567 0.8460	0.9255 0.8387	0.9037	0.9187	Ave		0.830 6				25.4		30.0			
Ethyl acetate	++++ 0.0440	++++ 0.0397	++++ 0.0400	0.0468	0.0419	Ave		0.042 5				7.0		30.0			
Tetrahydrofuran	++++ 0.1165	++++ 0.1016	++++ 0.0888	0.1182	0.1084	Ave		0.106 7				11.3		30.0			
Chloroform	++++ 2.1590	2.3488 1.9487	2.2219 1.9308	2.0727	2.0893	Ave		2.110 2				7.0		30.0			
1,1,1-Trichloroethane	++++ 0.5673	0.6371 0.4848	0.5324 0.4433	0.5612	0.5198	Ave		0.535 2				11.7		30.0			
Cyclohexane	++++ 0.2345	0.2759 0.1961	0.2285 0.1750	0.2301	0.2168	Ave		0.222 4				14.3		30.0			
Carbon tetrachloride	0.3130 0.6703	0.6493 0.5731	0.5453 0.5320	0.6342	0.6091	Ave		0.565 8				20.0		30.0			
Benzene	++++ 0.5301	0.6488 0.4813	0.6188 0.4921	0.5121	0.5268	Ave		0.544 3				11.8		30.0			
1,2-Dichloroethane	++++ 0.2714	0.3210 0.2434	0.2769 0.2506	0.2555	0.2664	Ave		0.269 3				9.5		30.0			
2,2,4-Trimethylpentane	++++ 0.7789	0.8589 0.6767	0.7783 0.5985	0.7789	0.7292	Ave		0.742 8				11.4		30.0			
n-Heptane	++++ 0.2801	0.3266 0.2435	0.2801 0.2117	0.2842	0.2664	Ave		0.270 4				13.3		30.0			
n-Butanol	++++ 0.1268	++++ 0.0992	++++ 0.0815	0.1248	0.1128	Ave		0.109 0				17.4		30.0			
Trichloroethene	0.3759 0.4269	0.4635 0.3600	0.4038 0.3125	0.4173	0.3955	Ave		0.394 4				11.6		30.0			
1,2-Dichloropropane	++++ 0.1866	0.2261 0.1633	0.1842 0.1612	0.1832	0.1872	Ave		0.184 5				11.6		30.0			
Methyl methacrylate	++++ 0.1780	++++ 0.1512	0.1577 0.1432	0.1656	0.1655	Ave		0.160 2				7.7		30.0			
Dibromomethane	++++ 0.5041	0.5810 0.4427	0.4888 0.4125	0.4899	0.4705	Ave		0.484 2				10.9		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186003

SDG No.: _____

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

Calibration Start Date: 11/21/2022 16:41 Calibration End Date: 11/22/2022 00:38 Calibration ID: 49464

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
1,4-Dioxane	++++ 0.1476	0.1140 0.1213	0.0994 0.0960	0.1478	0.1317	Ave		0.122 6				17.2		30.0			
Bromodichloromethane	++++ 0.5818	0.6182 0.5382	0.5426 0.4982	0.5640	0.5723	Ave		0.559 3				6.8		30.0			
cis-1,3-Dichloropropene	++++ 0.3912	0.4104 0.3455	0.3752 0.3493	0.3692	0.3813	Ave		0.374 6				6.1		30.0			
methyl isobutyl ketone	++++ 0.3862	++++ 0.3187	0.3276 0.2641	0.3737	0.3437	Ave		0.335 7				13.0		30.0			
Toluene	++++ 0.4592	0.5349 0.3892	0.4811 0.4247	0.4290	0.4573	Ave		0.453 6				10.3		30.0			
n-Octane	++++ 0.3981	0.4050 0.3473	0.3663 0.3091	0.3882	0.3876	Ave		0.371 7				9.1		30.0			
trans-1,3-Dichloropropene	++++ 0.3579	0.3442 0.3127	0.3298 0.3085	0.3279	0.3400	Ave		0.331 6				5.3		30.0			
1,1,2-Trichloroethane	++++ 0.2409	0.2527 0.2063	0.2520 0.2189	0.2289	0.2403	Ave		0.234 3				7.4		30.0			
Tetrachloroethene	0.6638 0.6828	0.7736 0.5883	0.6921 0.5911	0.6623	0.6482	Ave		0.662 8				8.9		30.0			
Methyl Butyl Ketone (2-Hexanone)	++++ 0.3788	++++ 0.3093	0.3207 0.2784	0.3608	0.3422	Ave		0.331 7				11.0		30.0			
Dibromochloromethane	++++ 0.7605	0.7472 0.6649	0.6945 0.7399	0.6899	0.7364	Ave		0.719 0				5.0		30.0			
1,2-Dibromoethane	++++ 0.5383	0.5410 0.4560	0.5132 0.5070	0.4960	0.5225	Ave		0.510 6				5.7		30.0			
Chlorobenzene	++++ 0.7335	0.7841 0.6261	0.7582 0.6986	0.6861	0.7227	Ave		0.715 6				7.2		30.0			
Ethylbenzene	++++ 0.9988	1.1847 0.8568	1.0684 0.9249	0.9519	0.9761	Ave		0.994 5				10.7		30.0			
m,p-Xylene	++++ 0.4220	0.4157 0.3583	0.3856 0.3884	0.3867	0.3995	Ave		0.393 7				5.4		30.0			
n-Nonane	++++ 0.3537	0.3299 0.3019	0.3157 0.3340	0.3322	0.3470	Ave		0.330 6				5.3		30.0			
Xylene, o-	++++ 0.4163	0.5095 0.3523	0.4247 0.3855	0.3881	0.3918	Ave		0.409 7				12.2		30.0			
Styrene	++++ 0.6719	0.5978 0.5628	0.5757 0.6212	0.5965	0.6260	Ave		0.607 4				6.0		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186003

SDG No.: _____

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

Calibration Start Date: 11/21/2022 16:41 Calibration End Date: 11/22/2022 00:38 Calibration ID: 49464

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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	++++ 0.9479	0.8081 0.8035	0.8044 0.8921	0.8351	0.8764	Ave		0.852 5				6.5		30.0			
Cumene	++++ 1.1462	1.0826 0.9778	1.1066 1.0934	1.0509	1.0815	Ave		1.077 0				4.9		30.0			
1,1,2,2-Tetrachloroethane	++++ 0.6201	0.6934 0.5233	0.6233 0.5492	0.5902	0.5826	Ave		0.597 4				9.3		30.0			
1,2,3-Trichloropropane	++++ 0.4771	++++ 0.3998	0.5220 0.4230	0.4530	0.4506	Ave		0.454 2				9.4		30.0			
n-Propylbenzene	++++ 1.2756	1.2622 1.0965	1.2089 1.2306	1.1602	1.1899	Ave		1.203 4				5.1		30.0			
2-Chlorotoluene	++++ 0.8495	0.9238 0.7273	0.8497 0.8121	0.7826	0.7997	Ave		0.820 7				7.5		30.0			
4-Ethyltoluene	++++ 1.1065	1.0890 0.9568	1.0081 1.0859	0.9907	1.0156	Ave		1.036 1				5.5		30.0			
1,3,5-Trimethylbenzene	++++ 0.9339	0.9817 0.8106	0.8526 0.9255	0.8156	0.8491	Ave		0.881 3				7.5		30.0			
n-Decane	++++ 0.3933	++++ 0.3497	0.2834 0.4080	0.3077	0.3463	Ave		0.348 1				13.7		30.0			
Alpha Methyl Styrene	++++ 0.5321	0.4881 0.4608	0.4571 0.5307	0.4509	0.4846	Ave		0.486 3				6.9		30.0			
tert-Butylbenzene	++++ 0.9058	0.9029 0.7877	0.8871 0.9168	0.7773	0.8036	Ave		0.854 5				7.2		30.0			
1,2,4-Trimethylbenzene	++++ 0.9464	1.0588 0.8242	0.9430 0.9444	0.8286	0.8491	Ave		0.913 5				9.3		30.0			
sec-Butylbenzene	++++ 1.3074	1.3476 1.1535	1.2292 1.3413	1.0928	1.1527	Ave		1.232 1				8.3		30.0			
1,3-Dichlorobenzene	++++ 0.8758	0.9408 0.7483	0.8521 0.8642	0.7634	0.7920	Ave		0.833 8				8.3		30.0			
4-Isopropyltoluene	++++ 1.1379	1.1821 1.0123	1.0385 1.1944	0.9273	0.9745	Ave		1.066 7				9.9		30.0			
1,4-Dichlorobenzene	++++ 0.8820	0.9574 0.7607	0.8563 0.8752	0.7631	0.8000	Ave		0.842 1				8.5		30.0			
Benzyl chloride	++++ 0.9630	0.9121 0.8198	0.8608 0.9239	0.8523	0.8613	Ave		0.884 8				5.6		30.0			
n-Butylbenzene	++++ 0.9663	1.0369 0.8661	0.8899 1.0305	0.7702	0.8076	Ave		0.909 7				11.5		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186003

SDG No.: _____

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

Calibration Start Date: 11/21/2022 16:41 Calibration End Date: 11/22/2022 00:38 Calibration ID: 49464

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
1,2-Dichlorobenzene	+++++ 0.8543	0.9532 0.7360	0.8459 0.8381	0.7479	0.7686	Ave		0.820 6				9.3		30.0			
n-Undecane	+++++ 0.4126	+++++ 0.3736	+++++ 0.4458	0.2593	0.3232	Ave		0.362 9				20.3		30.0			
n-Dodecane	+++++ 0.3499	+++++ 0.3154	+++++ 0.3106	0.2328	0.2672	Ave		0.295 2				15.4		30.0			
1,2,4-Trichlorobenzene	+++++ 0.9302	+++++ 0.7809	0.7747 0.8826	0.6861	0.7361	Ave		0.798 5				11.5		30.0			
Hexachlorobutadiene	+++++ 0.8527	0.9457 0.7535	0.7372 0.8720	0.5710	0.6555	Ave		0.769 7				17.0		30.0			
Naphthalene	+++++ 1.6797	+++++ 1.3662	1.3407 1.5058	1.2982	1.3656	Ave		1.426 0				10.0		30.0			
1,2,3-Trichlorobenzene	+++++ 0.8000	+++++ 0.6574	0.7182 0.6655	0.6158	0.6408	Ave		0.683 0				9.8		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186003

SDG No.: _____

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

Calibration Start Date: 11/21/2022 16:41 Calibration End Date: 11/22/2022 00:38 Calibration ID: 49464

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-186003/4	200-53415-004.D
Level 2	IC 200-186003/5	200-53415-005.D
Level 3	IC 200-186003/6	200-53415-006.D
Level 4	IC 200-186003/7	200-53415-007.D
Level 5	ICIS 200-186003/8	200-53415-008.D
Level 6	IC 200-186003/9	200-53415-009.D
Level 7	IC 200-186003/12	200-53415-012.D
Level 8	IC 200-186003/13	200-53415-013.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	++++ 146830	++++ 188507	++++ 408831	51918	93648	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	++++ 925598	++++ 1206318	33002 2714363	310638	586400	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Chlorodifluoromethane	BCM	Ave	++++ 390547	++++ 498733	13926 1096139	133314	245755	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 801414	11783 1021988	29099 2345915	266461	513031	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 170101	++++ 226193	6280 502587	60056	109854	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 242814	++++ 305765	9646 679946	82989	155223	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	688 218335	3287 276476	8086 628031	72272	138486	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	146 145996	2073 181641	5693 408704	47570	89620	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 284972	4383 362045	10172 840274	96372	179384	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 79001	++++ 96370	3119 226801	27280	50558	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 153311	2566 192566	6340 427178	53226	103646	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 289814	4449 359357	11063 821997	97984	181973	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	++++ 841841	13169 1051951	31947 2399222	291041	548303	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186003

SDG No.: _____

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

Calibration Start Date: 11/21/2022 16:41 Calibration End Date: 11/22/2022 00:38 Calibration ID: 49464

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-Pentane	BCM	Ave	++++ 226140	++++ 284438	9471 606428	82122	153046	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 84940	++++ 165468	20851 446223	45812	63617	++++ 20.0	++++ 40.0	5.01 80.0	9.99	15.0
Ethyl ether	BCM	Ave	++++ 82347	1450 109297	3403 269249	28008	59843	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	++++ 36208	++++ 52540	++++ 147624	11199	27408	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	730 252941	4173 300939	8605 670126	87313	163976	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichlorotrifluoroethane	BCM	Ave	++++ 542422	8831 678570	20587 1537449	187392	366730	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	++++ 204716	++++ 274435	++++ 637265	70747	150343	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	++++ 259353	++++ 327772	++++ 681500	88943	175437	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	++++ 629124	++++ 800687	24253 1756065	217784	409207	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	++++ 68663	++++ 96073	++++ 238096	25079	53775	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	++++ 189140	2841 247450	7894 569169	63078	127329	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	++++ 204910	++++ 257837	8470 582379	72645	140913	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	++++ 358999	++++ 457045	++++ 965474	122721	241303	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	++++ 75813	++++ 108473	2888 274423	24600	57259	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	601 297172	4404 374653	10866 843817	103100	200582	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	++++ 477439	7147 622533	18625 1504996	158464	325051	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	++++ 217431	3220 276546	8425 635189	74559	148675	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	667 324243	4997 425836	11859 990373	112304	225596	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186003

SDG No.: _____

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

Calibration Start Date: 11/21/2022 16:41 Calibration End Date: 11/22/2022 00:38 Calibration ID: 49464

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
Vinyl acetate	BCM	Ave	++++ 310024	++++ 433524	++++ 1064745	103375	230289	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	++++ 74844	++++ 96957	2470 228707	25373	50342	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	213 243437	3623 324676	9260 769665	83494	169139	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	++++ 11438	++++ 15226	++++ 36706	4327	7722	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Tetrahydrofuran	DFBZ	Ave	++++ 136464	++++ 183430	++++ 420166	47743	93108	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Chloroform	BCM	Ave	++++ 561519	8895 747882	22231 1771750	191493	384671	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFBZ	Ave	++++ 664703	10672 875289	24841 2097910	226783	446475	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFBZ	Ave	++++ 274769	4622 354135	10661 827987	92985	186240	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFBZ	Ave	981 785321	10875 1034763	25443 2517437	256260	523144	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFBZ	Ave	++++ 621060	10868 869061	28872 2328792	206906	452525	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFBZ	Ave	++++ 318009	5377 439439	12919 1185691	103234	228828	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	++++ 912603	14386 1221712	36312 2832263	314723	626365	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFBZ	Ave	++++ 328120	5470 439640	13067 1001639	114833	228824	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFBZ	Ave	++++ 148538	++++ 179125	++++ 385781	50447	96914	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Trichloroethene	DFBZ	Ave	1178 500202	7764 650056	18839 1478794	168608	339718	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFBZ	Ave	++++ 218603	3787 294872	8593 762966	74021	160815	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFBZ	Ave	++++ 208599	++++ 272904	7358 677536	66909	142140	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dibromomethane	DFBZ	Ave	++++ 590645	9731 799350	22807 1952169	197969	404132	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186003

SDG No.: _____

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

Calibration Start Date: 11/21/2022 16:41 Calibration End Date: 11/22/2022 00:38 Calibration ID: 49464

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
1,4-Dioxane	DFBZ	Ave	++++ 172983	1909 218999	4640 454401	59737	113146	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFBZ	Ave	++++ 681594	10355 971653	25316 2357579	227898	491539	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	++++ 458359	6874 623783	17508 1652743	149168	327492	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFBZ	Ave	++++ 452500	++++ 575356	15284 1249877	150986	295248	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBNZ d5	Ave	++++ 540013	8814 721094	21029 1907533	174813	385630	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFBZ	Ave	++++ 466444	6784 627029	17089 1462869	156842	332943	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFBZ	Ave	++++ 419298	5766 564659	15386 1459839	132485	292076	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 283287	4163 382243	11016 983083	93293	202582	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Tetrachloroethene	CBNZ d5	Ave	1864 803011	12747 1090056	30249 2655158	269883	546532	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBNZ d5	Ave	++++ 445532	++++ 573033	14019 1250518	147016	288571	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBNZ d5	Ave	++++ 894430	12311 1232093	30355 3323194	281119	620953	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBNZ d5	Ave	++++ 633114	8913 845008	22432 2277230	202123	440577	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBNZ d5	Ave	++++ 862698	12919 1160095	33138 3137832	279589	609363	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBNZ d5	Ave	++++ 1174697	19519 1587573	46700 4154319	387904	823067	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186003

SDG No.: _____

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

Calibration Start Date: 11/21/2022 16:41 Calibration End Date: 11/22/2022 00:38 Calibration ID: 49464

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
m,p-Xylene	CBNZ d5	Ave	++++ 992697	13698 1327855	33709 3488833	315173	673692	++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
n-Nonane	CBNZ d5	Ave	++++ 415974	5435 559319	13799 1500147	135362	292615	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Xylene, o-	CBNZ d5	Ave	++++ 489610	8394 652790	18563 1731706	158162	330347	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Styrene	CBNZ d5	Ave	++++ 790177	9850 1042795	25165 2790082	243070	527825	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBNZ d5	Ave	++++ 1114808	13314 1488769	35158 4007099	340301	738952	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cumene	CBNZ d5	Ave	++++ 1348046	17837 1811741	48367 4911204	428236	911943	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBNZ d5	Ave	++++ 729239	11425 969665	27243 2466874	240514	491221	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,3-Trichloropropane	CBNZ d5	Ave	++++ 561142	++++ 740775	22815 1899898	184583	379968	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBNZ d5	Ave	++++ 1500219	20797 2031807	52839 5527494	472795	1003308	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBNZ d5	Ave	++++ 999055	15221 1347609	37139 3647917	318903	674342	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBNZ d5	Ave	++++ 1301344	17943 1772888	44064 4877430	403727	856402	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBNZ d5	Ave	++++ 1098290	16175 1502014	37267 4157219	332369	715974	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186003

SDG No.: _____

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

Calibration Start Date: 11/21/2022 16:41 Calibration End Date: 11/22/2022 00:38 Calibration ID: 49464

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-Decane	CBNZ d5	Ave	++++ 462576	++++ 647930	12389 1832632	125396	291969	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBNZ d5	Ave	++++ 625754	8042 853763	19981 2383699	183737	408586	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBNZ d5	Ave	++++ 1065307	14877 1459533	38773 4117992	316765	677567	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,4-Trimethylbenzene	CBNZ d5	Ave	++++ 1113043	17446 1527119	41216 4241823	337647	715978	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBNZ d5	Ave	++++ 1537595	22204 2137435	53728 6024563	445332	971940	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBNZ d5	Ave	++++ 1030050	15501 1386535	37245 3881584	311086	667781	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBNZ d5	Ave	++++ 1338241	19477 1875680	45391 5364866	377859	821716	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBNZ d5	Ave	++++ 1037344	15775 1409554	37428 3931296	310968	674562	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBNZ d5	Ave	++++ 1132536	15028 1519011	37626 4149863	347319	726284	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butylbenzene	CBNZ d5	Ave	++++ 1136477	17085 1604819	38897 4628712	313869	680965	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBNZ d5	Ave	++++ 1004727	15706 1363709	36973 3764323	304758	648123	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Undecane	CBNZ d5	Ave	++++ 485254	++++ 692291	++++ 2002408	105669	272519	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186003

SDG No.: _____

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

Calibration Start Date: 11/21/2022 16:41 Calibration End Date: 11/22/2022 00:38 Calibration ID: 49464

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-Dodecane	CBNZ d5	Ave	+++++	+++++	+++++	94872	225312	+++++	+++++	+++++	4.99	10.00
			411554	584348	1394988			15.0	20.0	40.0		
1,2,4-Trichlorobenzene	CBNZ d5	Ave	+++++	+++++	33862	279591	620687	+++++	+++++	0.500	4.99	10.00
			1094002	1447027	3964553			15.0	20.0	40.0		
Hexachlorobutadiene	CBNZ d5	Ave	+++++	15582	32220	232689	552759	+++++	0.200	0.500	4.99	10.00
			1002827	1396117	3916548			15.0	20.0	40.0		
Naphthalene	CBNZ d5	Ave	+++++	+++++	58600	529002	1151489	+++++	+++++	0.500	4.99	10.00
			1975393	2531489	6763766			15.0	20.0	40.0		
1,2,3-Trichlorobenzene	CBNZ d5	Ave	+++++	+++++	31391	250954	540328	+++++	+++++	0.500	4.99	10.00
			940853	1218140	2989346			15.0	20.0	40.0		

Curve Type Legend

Ave = Average ISTD

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-004.D
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 21-Nov-2022 16:41:30 ALS Bottle#: 4 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053415-004
 Misc. Info.: ic-1
 Operator ID: vtp Instrument ID: CHG.i
 Sublist: chrom-TO15_MasterMethod_(v1)_G*sub16
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 22-Nov-2022 07:28:40 Calib Date: 22-Nov-2022 00:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1666

First Level Reviewer: bunmaa

Date: 22-Nov-2022 11:42:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.126	3.115	0.011	43	919	0.0351	0.0940	
2 Dichlorodifluoromethane	85	3.174	3.174	0.000	96	2439	0.0351	0.0395	
3 Chlorodifluoromethane	51	3.206	3.201	0.005	1	814	0.0351	0.0315	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.399	3.399	0.000	83	2180	0.0351	0.0402	
5 Chloromethane	50	3.490	3.479	0.011	1	463	0.0351	0.0399	
6 Vinyl chloride	62	3.698	3.682	0.016	1	688	0.0351	0.0447	
7 Butane	43	3.682	3.682	0.000	5	366	0.0351	0.0223	
8 Butadiene	54	3.763	3.762	0.001	2	146	0.0351	0.0161	M
9 Bromomethane	94	4.276	4.265	0.011	3	497	0.0351	0.0256	
10 Chloroethane	64		4.463				ND	ND	
11 2-Methylbutane	43	4.629	4.618	0.011	10	166	0.0351	0.0153	
12 Vinyl bromide	106	4.795	4.784	0.011	23	592	0.0351	0.0300	
13 Trichlorofluoromethane	101	4.918	4.913	0.005	13	1974	0.0351	0.0340	
14 Pentane	43	5.089	5.078	0.011	1	724	0.0351	0.0463	
15 Ethanol	45	5.319	5.218	0.101	1	313	0.0702	0.0712	
16 Ethyl ether	59		5.426				ND	ND	
17 Acrolein	56		5.635				ND	ND	
18 1,1-Dichloroethene	96	5.838	5.817	0.021	1	730	0.0351	0.0417	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	5.860	5.843	0.017	70	1135	0.0351	0.0300	
19 Acetone	43	5.999	5.886	0.113	49	2271	0.0351	0.1582	
22 Isopropyl alcohol	45	6.341	6.154	0.187	9	1069	0.0351	0.0624	
23 Carbon disulfide	76	6.202	6.197	0.006	54	941	0.0351	0.0221	
24 Acetonitrile	41		6.357				ND	ND	
25 3-Chloro-1-propene	41	6.464	6.453	0.011	1	301	0.0351	0.0226	
26 Methylene Chloride	49	6.678	6.673	0.005	41	1016	0.0351	0.0714	
27 2-Methyl-2-propanol	59		6.897				ND	ND	
28 Acrylonitrile	53		7.063				ND	ND	
29 trans-1,2-Dichloroethene	61	7.160	7.159	0.001	18	601	0.0351	0.0301	M
30 Methyl tert-butyl ether	73	7.272	7.176	0.096	1	100	0.0351	0.002989	
31 Hexane	57	7.679	7.662	0.017	4	323	0.0351	0.0214	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 1,1-Dichloroethane	63	7.914	7.908	0.006	1	667	0.0351	0.0299	
33 Vinyl acetate	43	7.973	7.924	0.049	59	431	0.0351	0.0194	
34 2-Butanone (MEK)	72		8.893				ND	ND	
35 cis-1,2-Dichloroethene	96	8.893	8.898	-0.005	1	213	0.0351	0.0135	
36 Ethyl acetate	88		8.978				ND	ND	
* 37 Chlorobromomethane	128	9.321	9.315	0.006	70	189982	10.0	10.0	
38 Tetrahydrofuran	42		9.385				ND	ND	
39 Chloroform	83	9.519	9.503	0.016	5	645	0.0351	0.0161	
S 43 1,2-Dichloroethene, Total	61				0		0.0702	0.0436	
40 1,1,1-Trichloroethane	97	9.835	9.824	0.011	1	1267	0.0351	0.0265	
41 Cyclohexane	84	9.963	9.968	-0.005	7	139	0.0351	0.006994	
42 Carbon tetrachloride	117	10.107	10.118	-0.011	13	981	0.0351	0.0194	
44 Benzene	78	10.487	10.492	-0.005	14	2960	0.0351	0.0609	
45 1,2-Dichloroethane	62		10.573				ND	ND	
46 Isooctane	57		10.738				ND	ND	
47 n-Heptane	43	11.102	11.086	0.016	1	574	0.0351	0.0238	
* 48 1,4-Difluorobenzene	114	11.311	11.311	0.000	92	893455	10.0	10.0	
49 n-Butanol	56	11.760	11.648	0.112	84	1895	0.0351	0.1945	
50 Trichloroethene	95	11.798	11.792	0.006	67	1178	0.0351	0.0334	M
51 1,2-Dichloropropane	63		12.306				ND	ND	
54 Methyl methacrylate	69		12.434				ND	ND	
53 Dibromomethane	174	12.483	12.477	0.006	59	910	0.0351	0.0210	
55 1,4-Dioxane	88	12.670	12.477	0.193	1	205	0.0351	0.0187	
56 Dichlorobromomethane	83	12.820	12.825	-0.005	1	1104	0.0351	0.0221	
58 cis-1,3-Dichloropropene	75	13.708	13.713	-0.005	1	453	0.0351	0.0135	
59 4-Methyl-2-pentanone (MIBK)	43	14.136	14.039	0.097	1	1645	0.0351	0.0549	
A 61 Toluene Range	92	14.414	(14.374-14.454)		0	8736	NC	NC	
60 Toluene	92	14.403	14.414	-0.011	32	1197	0.0351	0.0330	
63 n-Octane	43	14.692	14.697	-0.005	0	1029	0.0351	0.0310	
A 64 C8 Range	1	14.697	(14.647-14.747)		0	5423	NC	NC	
65 trans-1,3-Dichloropropene	75	14.869	14.868	0.001	1	305	0.0351	0.0103	
66 1,1,2-Trichloroethane	83	15.254	15.270	-0.016	1	141	0.0351	0.007518	
67 Tetrachloroethene	166	15.468	15.478	-0.010	86	1864	0.0351	0.0351	
68 2-Hexanone	43	15.805	15.740	0.065	16	1162	0.0351	0.0438	
69 Chlorodibromomethane	129	16.046	16.051	-0.005	11	1319	0.0351	0.0229	
70 Ethylene Dibromide	107	16.302	16.302	0.000	10	527	0.0351	0.0129	
* 71 Chlorobenzene-d5	117	17.276	17.276	0.000	83	800504	10.0	10.0	
72 Chlorobenzene	112	17.330	17.340	-0.010	23	2231	0.0351	0.0389	
73 Ethylbenzene	91	17.554	17.549	0.005	93	6194	0.0351	0.0778	
74 m-Xylene & p-Xylene	106	17.838	17.832	0.006	0	390	0.0702	0.0124	
75 n-Nonane	57	17.907	17.912	-0.005	1	687	0.0351	0.0260	
76 o-Xylene	106	18.651	18.645	0.006	96	2084	0.0351	0.0635	
77 Styrene	104	18.683	18.677	0.006	1	1658	0.0351	0.0341	
78 Bromoform	173	19.052	19.046	0.006	1	1073	0.0351	0.0157	
79 Isopropylbenzene	105	19.405	19.400	0.005	1	2693	0.0351	0.0312	
S 82 Xylenes, Total	106				0		0.1052	0.0759	
80 1,1,2,2-Tetrachloroethane	83	19.956	19.951	0.005	1	1769	0.0351	0.0370	
81 1,2,3-Trichloropropane	75		20.052				ND	ND	
83 N-Propylbenzene	91	20.165	20.165	0.000	98	4650	0.0351	0.0483	
84 2-Chlorotoluene	91		20.309				ND	ND	
85 4-Ethyltoluene	105	20.368	20.368	0.000	19	3735	0.0351	0.0450	
86 1,3,5-Trimethylbenzene	105	20.475	20.475	0.000	60	3872	0.0351	0.0549	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 n-Decane	57	20.513	20.512	0.001	1	834	0.0351	0.0299	
88 Alpha Methyl Styrene	118	20.818	20.812	0.006	1	1345	0.0351	0.0345	
89 tert-Butylbenzene	119	20.983	20.972	0.011	89	2085	0.0351	0.0305	
90 1,2,4-Trimethylbenzene	105	21.064	21.063	0.001	90	5624	0.0351	0.0769	
91 sec-Butylbenzene	105		21.309				ND	ND	
92 1,3-Dichlorobenzene	146	21.481	21.481	0.000	91	4805	0.0351	0.0720	
93 4-Isopropyltoluene	119	21.534	21.534	0.000	95	4553	0.0351	0.0533	
94 1,4-Dichlorobenzene	146	21.631	21.625	0.006	94	4315	0.0351	0.0640	
95 Benzyl chloride	91	21.780	21.780	0.000	96	2370	0.0351	0.0335	
97 n-Butylbenzene	91	22.101	22.101	0.000	55	4462	0.0351	0.0613	
96 1,2-Dichlorobenzene	146	22.128	22.123	0.005	96	5793	0.0351	0.0882	
98 Undecane	57	22.262	22.262	0.000	1	1179	0.0351	0.0406	
99 Dodecane	57	23.872	23.861	0.011	1	904	0.0351	0.0383	
100 1,2,4-Trichlorobenzene	180	24.594	24.589	0.005	90	9353	0.0351	0.1463	
101 Hexachlorobutadiene	225	24.840	24.840	0.000	88	4423	0.0351	0.0718	
102 Naphthalene	128	25.065	25.070	-0.005	99	20081	0.0351	0.1759	
103 1,2,3-Trichlorobenzene	180	25.493	25.482	0.011	91	9989	0.0351	0.1827	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL1w_00248

Amount Added: 35.00

Units: mL

ATTO15GIS_00019

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 22-Nov-2022 07:28:40

Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-004.D

Injection Date: 21-Nov-2022 16:41:30

Instrument ID: CHG.i

Operator ID: vtp

Lims ID: ic

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

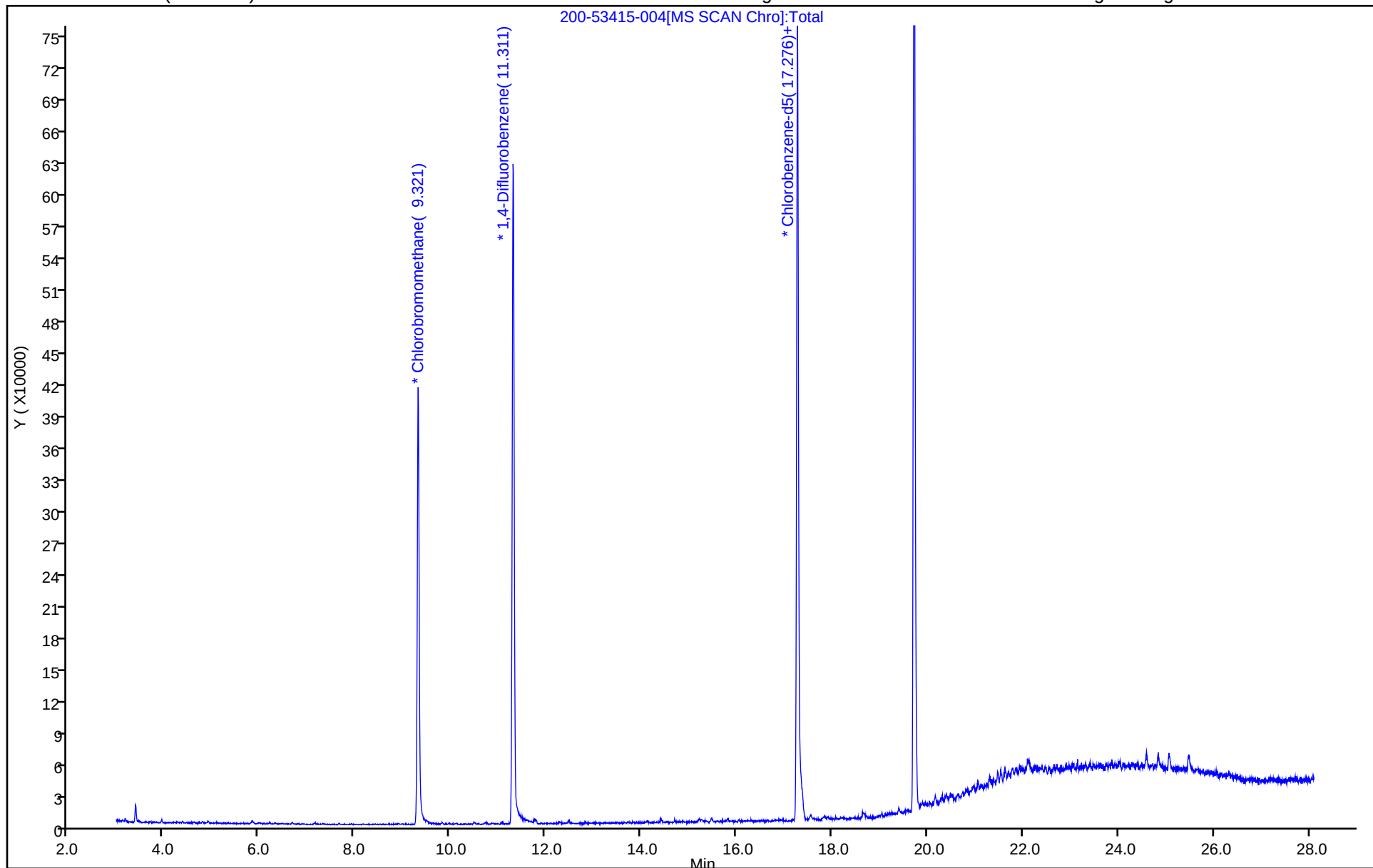
ALS Bottle#: 4

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

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



Eurofins Burlington

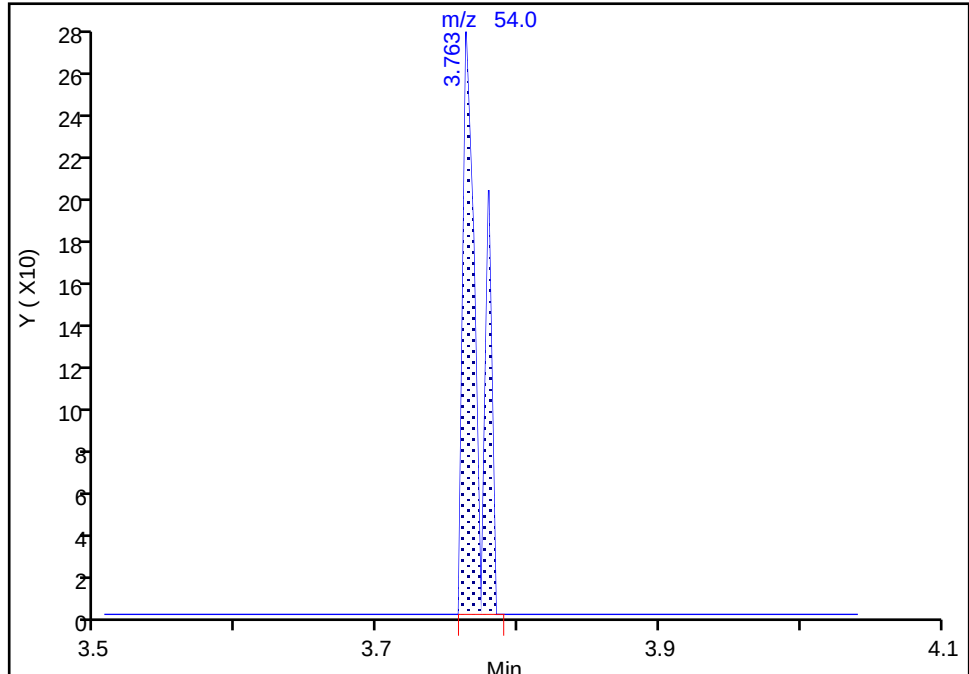
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Injection Date: 21-Nov-2022 16:41:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

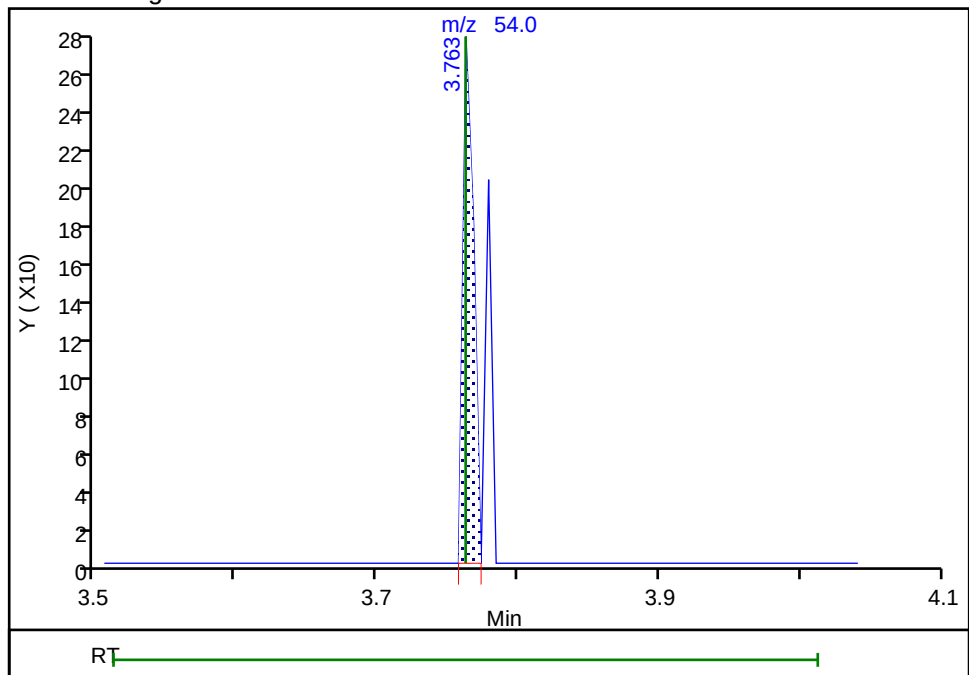
RT: 3.76
Area: 211
Amount: 0.022242
Amount Units: ppb v/v

Processing Integration Results



RT: 3.76
Area: 146
Amount: 0.016106
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:35:54

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

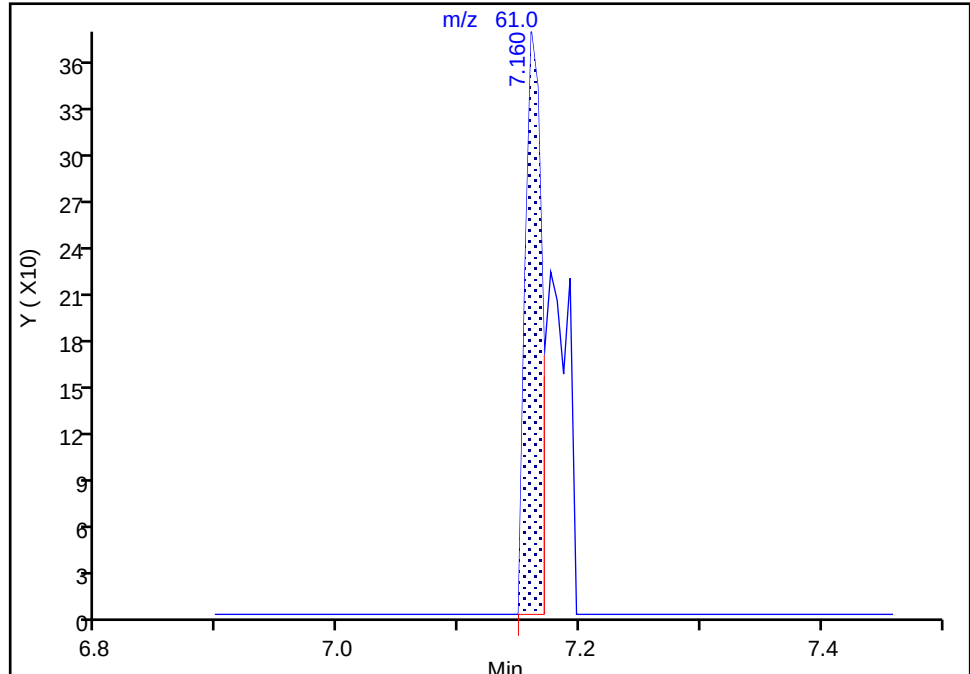
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Injection Date: 21-Nov-2022 16:41:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

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

Signal: 1

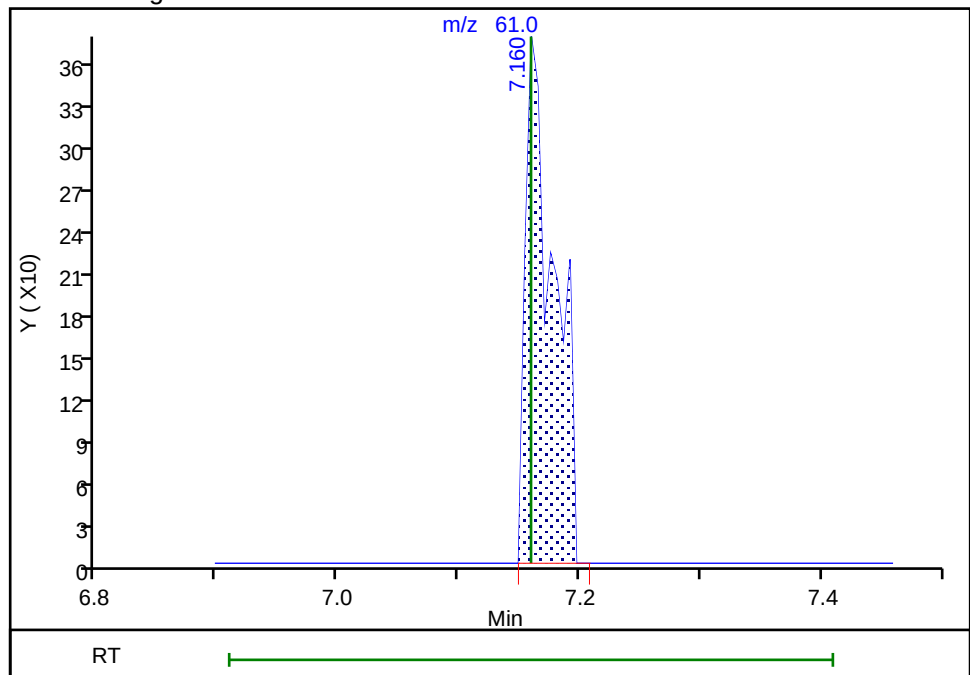
RT: 7.16
Area: 349
Amount: 0.018008
Amount Units: ppb v/v

Processing Integration Results



RT: 7.16
Area: 601
Amount: 0.030148
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:36:56

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

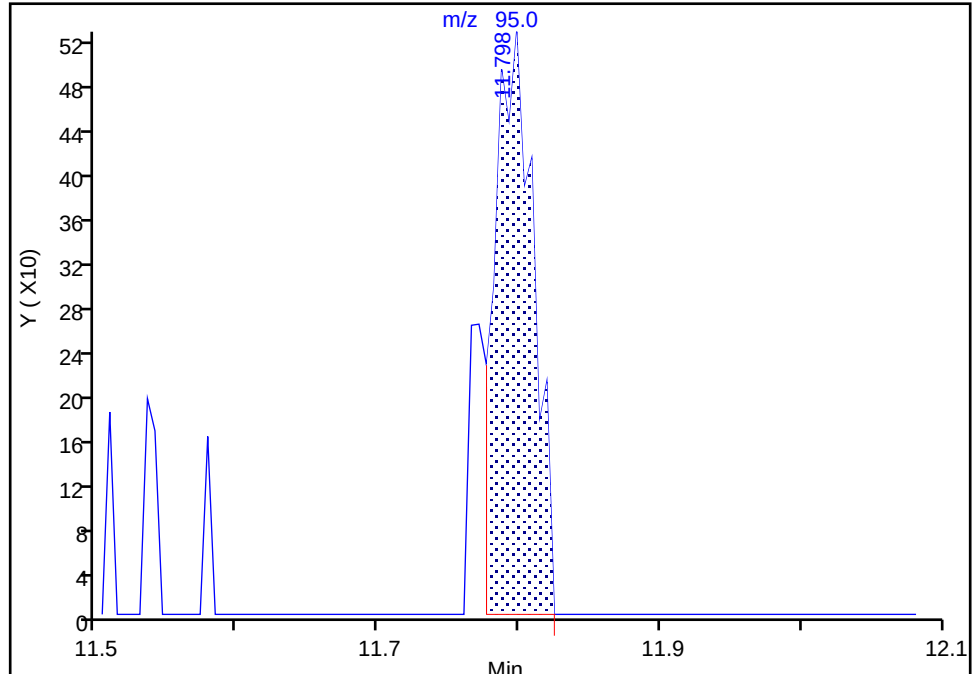
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Injection Date: 21-Nov-2022 16:41:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

50 Trichloroethene, CAS: 79-01-6

Signal: 1

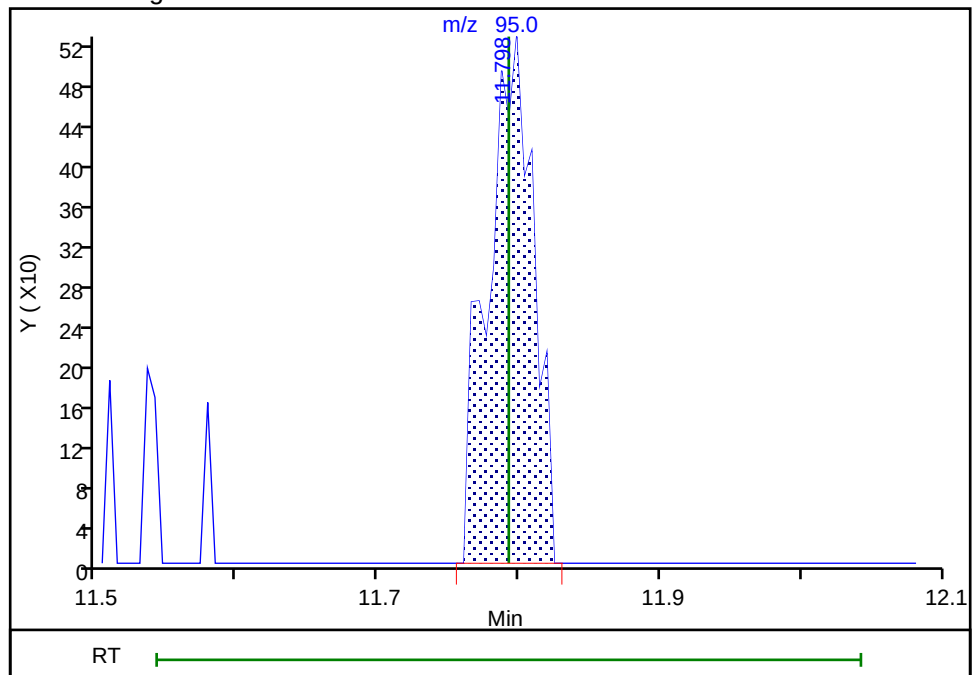
RT: 11.80
Area: 1011
Amount: 0.030789
Amount Units: ppb v/v

Processing Integration Results



RT: 11.80
Area: 1178
Amount: 0.033427
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:41:28

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-005.D
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 21-Nov-2022 17:34:30 ALS Bottle#: 5 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053415-005
 Misc. Info.: ic-2
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 Method: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 22-Nov-2022 07:28:41 Calib Date: 22-Nov-2022 00:38:30
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 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1666

First Level Reviewer: bunmaa

Date: 22-Nov-2022 11:58:07

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	3.121	3.115	0.006	94	2403	0.2004	0.2473	
2 Dichlorodifluoromethane	85	3.174	3.174	0.000	99	13897	0.2004	0.2263	
3 Chlorodifluoromethane	51	3.206	3.201	0.005	94	6013	0.2004	0.2339	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.399	3.399	0.000	53	11783	0.2004	0.2184	
5 Chloromethane	50	3.484	3.479	0.005	50	2902	0.2004	0.2514	M
6 Vinyl chloride	62	3.688	3.682	0.006	87	3287	0.2004	0.2145	M
7 Butane	43	3.688	3.682	0.006	96	3999	0.2004	0.2453	
8 Butadiene	54	3.762	3.762	0.000	89	2073	0.2004	0.2300	
9 Bromomethane	94	4.265	4.265	0.000	95	4383	0.2004	0.2272	
10 Chloroethane	64	4.469	4.463	0.006	46	882	0.2004	0.1664	M
11 2-Methylbutane	43	4.618	4.618	0.000	87	2566	0.2004	0.2373	
12 Vinyl bromide	106	4.790	4.784	0.006	94	4449	0.2004	0.2265	
13 Trichlorofluoromethane	101	4.918	4.913	0.005	98	13169	0.2004	0.2281	
14 Pentane	43	5.073	5.078	-0.005	86	3486	0.2004	0.2242	M
15 Ethanol	45	5.309	5.218	0.091	46	1897	0.4009	0.4336	M
16 Ethyl ether	59	5.490	5.426	0.064	58	1450	0.2004	0.2392	
17 Acrolein	56	5.694	5.635	0.059	1	523	0.2004	0.1957	M
18 1,1-Dichloroethene	96	5.822	5.817	0.005	96	4173	0.2004	0.2394	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	5.849	5.843	0.006	94	8831	0.2004	0.2347	
19 Acetone	43	5.972	5.886	0.086	63	4903	0.2004	0.3434	M
22 Isopropyl alcohol	45	6.309	6.154	0.155	51	3312	0.2004	0.1944	M
23 Carbon disulfide	76	6.202	6.197	0.006	99	9802	0.2004	0.2319	
24 Acetonitrile	41	6.411	6.357	0.054	53	1023	0.2004	0.2024	M
25 3-Chloro-1-propene	41	6.448	6.453	-0.005	90	2841	0.2004	0.2146	M
26 Methylene Chloride	49	6.673	6.673	0.000	86	3782	0.2004	0.2673	
27 2-Methyl-2-propanol	59	7.090	6.897	0.193	93	5297	0.2004	0.2238	M
28 Acrylonitrile	53	7.111	7.063	0.048	43	1219	0.2004	0.2226	M
29 trans-1,2-Dichloroethene	61	7.165	7.159	0.006	97	4404	0.2004	0.2221	
30 Methyl tert-butyl ether	73	7.277	7.176	0.101	93	7147	0.2004	0.2148	M
31 Hexane	57	7.662	7.662	0.000	86	3220	0.2004	0.2147	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 1,1-Dichloroethane	63	7.903	7.908	-0.005	98	4997	0.2004	0.2255	M
33 Vinyl acetate	43	7.957	7.924	0.033	99	4778	0.2004	0.2161	M
34 2-Butanone (MEK)	72	8.962	8.893	0.069	96	1046	0.2004	0.2096	M
35 cis-1,2-Dichloroethene	96	8.904	8.898	0.006	86	3623	0.2004	0.2309	M
36 Ethyl acetate	88		8.978				ND	ND	
* 37 Chlorobromomethane	128	9.321	9.315	0.006	73	188936	10.0	10.0	
38 Tetrahydrofuran	42	9.503	9.385	0.118	47	1972	0.2004	0.2212	
39 Chloroform	83	9.508	9.503	0.005	97	8895	0.2004	0.2231	
S 43 1,2-Dichloroethene, Total	61				0		0.4009	0.4530	
40 1,1,1-Trichloroethane	97	9.829	9.824	0.005	94	10672	0.2004	0.2386	
41 Cyclohexane	84	9.957	9.968	-0.011	90	4622	0.2004	0.2487	M
42 Carbon tetrachloride	117	10.123	10.118	0.005	98	10875	0.2004	0.2300	
44 Benzene	78	10.487	10.492	-0.005	96	10868	0.2004	0.2389	M
45 1,2-Dichloroethane	62	10.589	10.573	0.016	97	5377	0.2004	0.2389	
46 Isooctane	57	10.739	10.738	0.000	97	14386	0.2004	0.2318	
47 n-Heptane	43	11.086	11.086	0.000	90	5470	0.2004	0.2421	
* 48 1,4-Difluorobenzene	114	11.311	11.311	0.000	92	835649	10.0	10.0	
49 n-Butanol	56	11.760	11.648	0.112	70	2842	0.2004	0.3119	
50 Trichloroethene	95	11.798	11.792	0.006	97	7764	0.2004	0.2356	M
51 1,2-Dichloropropane	63	12.311	12.306	0.005	84	3787	0.2004	0.2456	M
54 Methyl methacrylate	69	12.466	12.434	0.032	48	2837	0.2004	0.2119	Ma
53 Dibromomethane	174	12.477	12.477	0.000	88	9731	0.2004	0.2405	
55 1,4-Dioxane	88	12.622	12.477	0.145	32	1909	0.2004	0.1864	M
56 Dichlorobromomethane	83	12.825	12.825	0.000	73	10355	0.2004	0.2215	
58 cis-1,3-Dichloropropene	75	13.718	13.713	0.005	94	6874	0.2004	0.2196	
59 4-Methyl-2-pentanone (MIBK)	43	14.103	14.039	0.064	93	6464	0.2004	0.2304	M
A 61 Toluene Range	92	14.414	(14.374-14.454)		0	37353	NC	NC	
60 Toluene	92	14.414	14.414	0.000	92	8814	0.2004	0.2364	
63 n-Octane	43	14.708	14.697	0.011	88	6784	0.2004	0.2184	
A 64 C8 Range	1	14.703	(14.647-14.747)		0	29814	NC	NC	
65 trans-1,3-Dichloropropene	75	14.874	14.868	0.006	94	5766	0.2004	0.2081	M
66 1,1,2-Trichloroethane	83	15.264	15.270	-0.006	92	4163	0.2004	0.2162	
67 Tetrachloroethene	166	15.478	15.478	0.000	96	12747	0.2004	0.2340	
68 2-Hexanone	43	15.794	15.740	0.054	96	5524	0.2004	0.2026	
69 Chlorodibromomethane	129	16.056	16.051	0.005	93	12311	0.2004	0.2083	
70 Ethylene Dibromide	107	16.297	16.302	-0.005	97	8913	0.2004	0.2124	M
* 71 Chlorobenzene-d5	117	17.276	17.276	0.000	83	822016	10.0	10.0	
72 Chlorobenzene	112	17.335	17.340	-0.005	46	12919	0.2004	0.2196	
73 Ethylbenzene	91	17.549	17.549	0.000	97	19519	0.2004	0.2388	
74 m-Xylene & p-Xylene	106	17.832	17.832	0.000	0	13698	0.4009	0.4232	M
75 n-Nonane	57	17.907	17.912	-0.005	79	5435	0.2004	0.2000	
76 o-Xylene	106	18.645	18.645	0.000	97	8394	0.2004	0.2492	
77 Styrene	104	18.688	18.677	0.011	94	9850	0.2004	0.1973	
78 Bromoform	173	19.041	19.046	-0.005	96	13314	0.2004	0.1900	
79 Isopropylbenzene	105	19.400	19.400	0.000	96	17837	0.2004	0.2015	
S 82 Xylenes, Total	106				0		0.6013	0.6724	
80 1,1,2,2-Tetrachloroethane	83	19.951	19.951	0.000	97	11425	0.2004	0.2326	
81 1,2,3-Trichloropropane	75	20.058	20.052	0.006	94	9041	0.2004	0.2421	
83 N-Propylbenzene	91	20.159	20.165	-0.006	99	20797	0.2004	0.2102	
84 2-Chlorotoluene	91	20.304	20.309	-0.005	94	15221	0.2004	0.2256	
85 4-Ethyltoluene	105	20.373	20.368	0.005	98	17943	0.2004	0.2107	
86 1,3,5-Trimethylbenzene	105	20.480	20.475	0.005	94	16175	0.2004	0.2233	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 n-Decane	57	20.518	20.512	0.006	92	4773	0.2004	0.1668	M
88 Alpha Methyl Styrene	118	20.817	20.812	0.005	90	8042	0.2004	0.2012	
89 tert-Butylbenzene	119	20.978	20.972	0.006	90	14877	0.2004	0.2118	
90 1,2,4-Trimethylbenzene	105	21.063	21.063	0.000	96	17446	0.2004	0.2323	
91 sec-Butylbenzene	105	21.310	21.309	0.001	98	22204	0.2004	0.2192	
92 1,3-Dichlorobenzene	146	21.481	21.481	0.000	96	15501	0.2004	0.2262	
93 4-Isopropyltoluene	119	21.534	21.534	0.000	98	19477	0.2004	0.2221	
94 1,4-Dichlorobenzene	146	21.625	21.625	0.000	96	15775	0.2004	0.2279	
95 Benzyl chloride	91	21.775	21.780	-0.005	99	15028	0.2004	0.2066	
97 n-Butylbenzene	91	22.107	22.101	0.006	98	17085	0.2004	0.2285	
96 1,2-Dichlorobenzene	146	22.128	22.123	0.005	96	15706	0.2004	0.2328	
98 Undecane	57	22.267	22.262	0.005	92	4278	0.2004	0.1434	
99 Dodecane	57	23.867	23.861	0.006	93	5033	0.2004	0.2074	
100 1,2,4-Trichlorobenzene	180	24.589	24.589	0.000	93	18327	0.2004	0.2792	
101 Hexachlorobutadiene	225	24.840	24.840	0.000	94	15582	0.2004	0.2463	
102 Naphthalene	128	25.076	25.070	0.006	99	31960	0.2004	0.2726	
103 1,2,3-Trichlorobenzene	180	25.488	25.482	0.006	94	17327	0.2004	0.3086	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ATTO15CAL1w_00248

Amount Added: 200.00

Units: mL

ATTO15GIS_00019

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 22-Nov-2022 07:28:41

Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-005.D

Injection Date: 21-Nov-2022 17:34:30

Instrument ID: CHG.i

Operator ID: vtp

Lims ID: ic

Worklist Smp#: 5

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

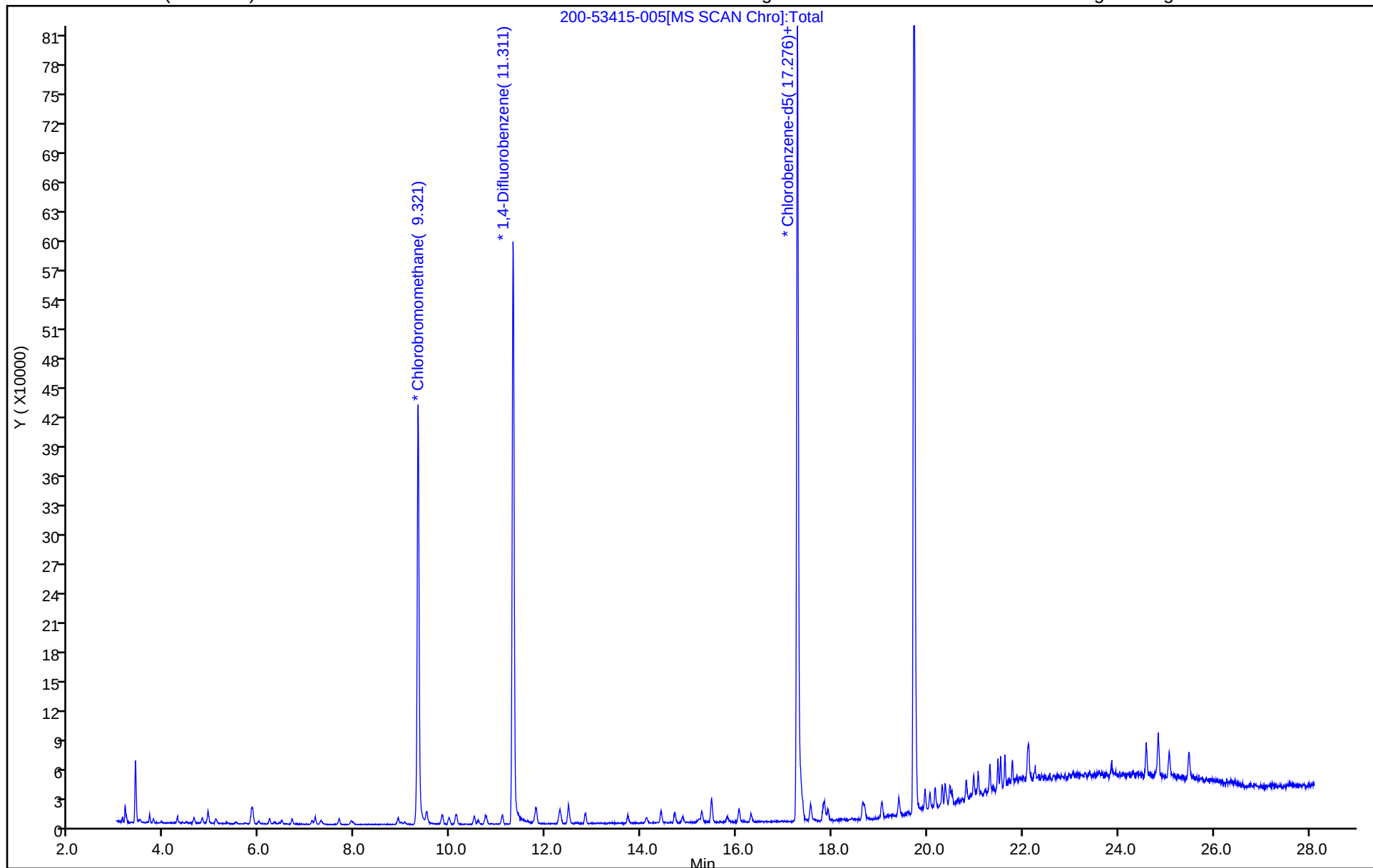
ALS Bottle#: 5

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

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



Eurofins Burlington

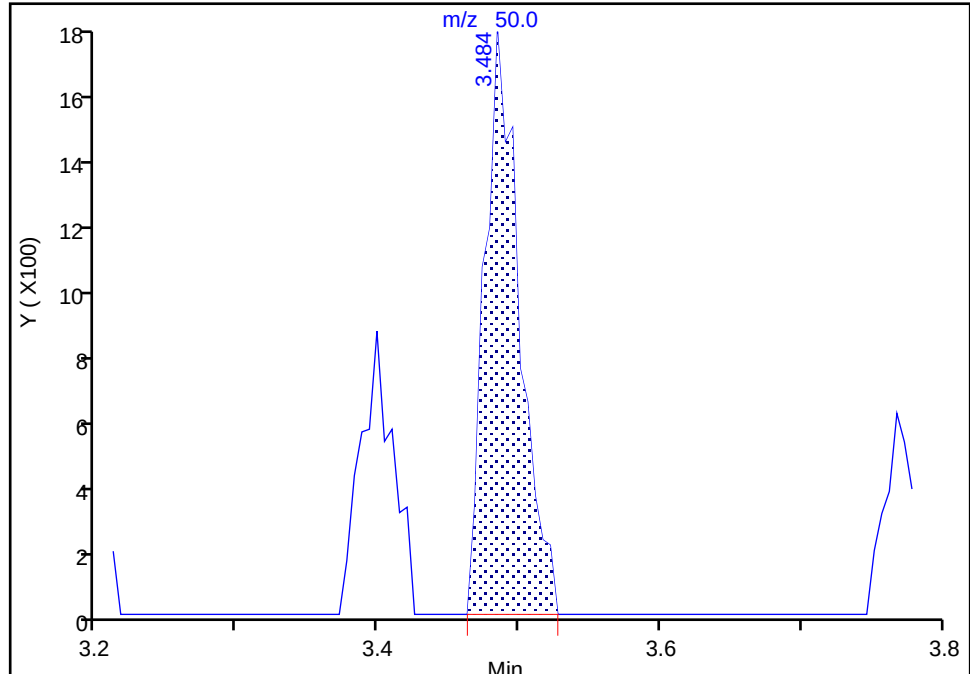
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Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

5 Chloromethane, CAS: 74-87-3

Signal: 1

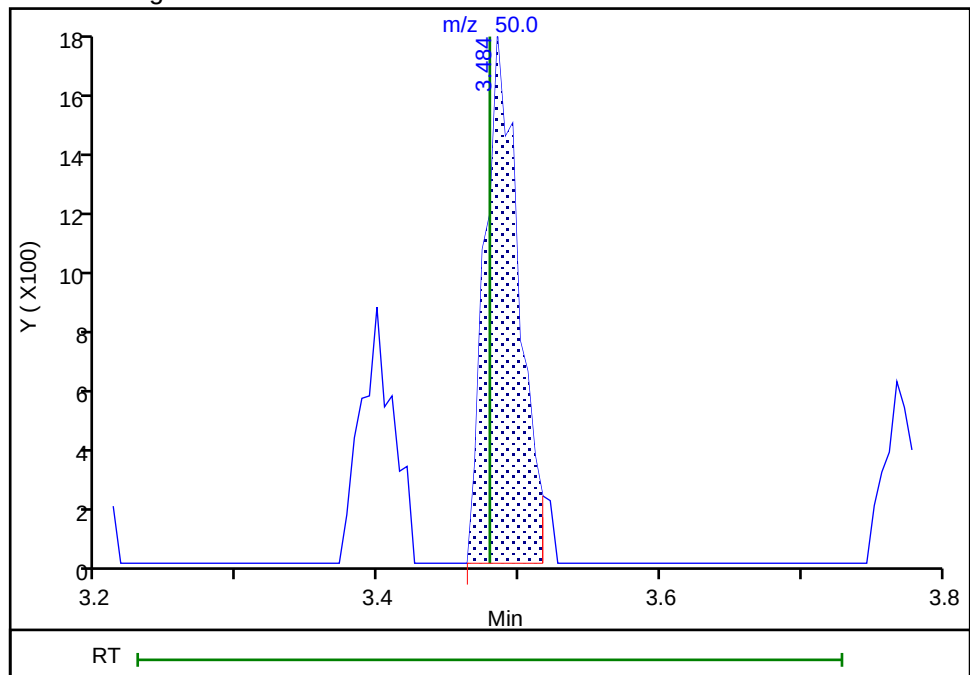
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Area: 2969
Amount: 0.235293
Amount Units: ppb v/v

Processing Integration Results



RT: 3.48
Area: 2902
Amount: 0.251424
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:43:41

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

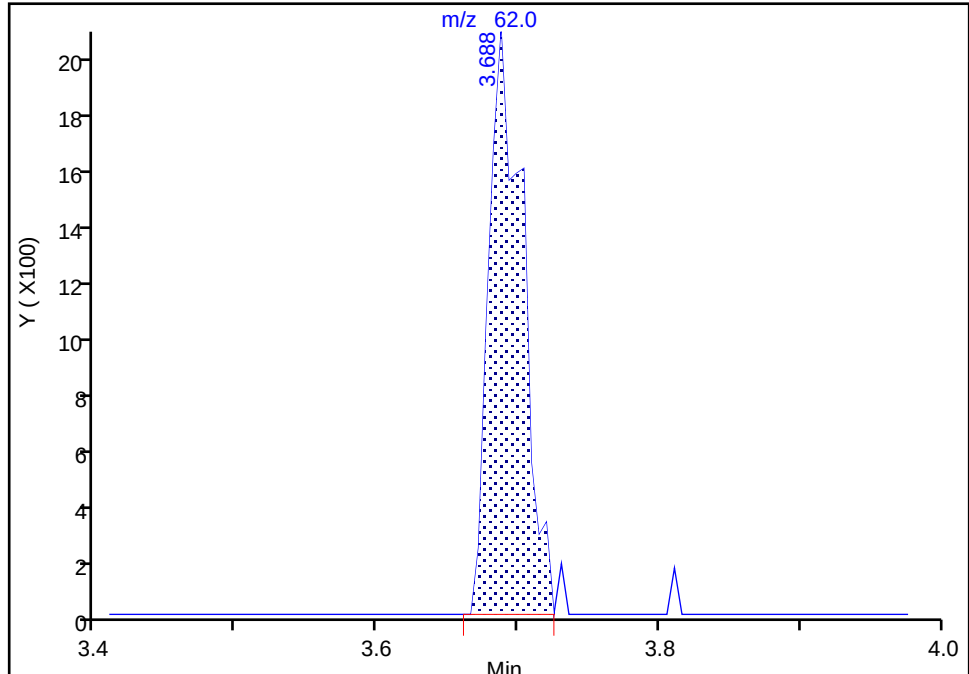
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Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

6 Vinyl chloride, CAS: 75-01-4

Signal: 1

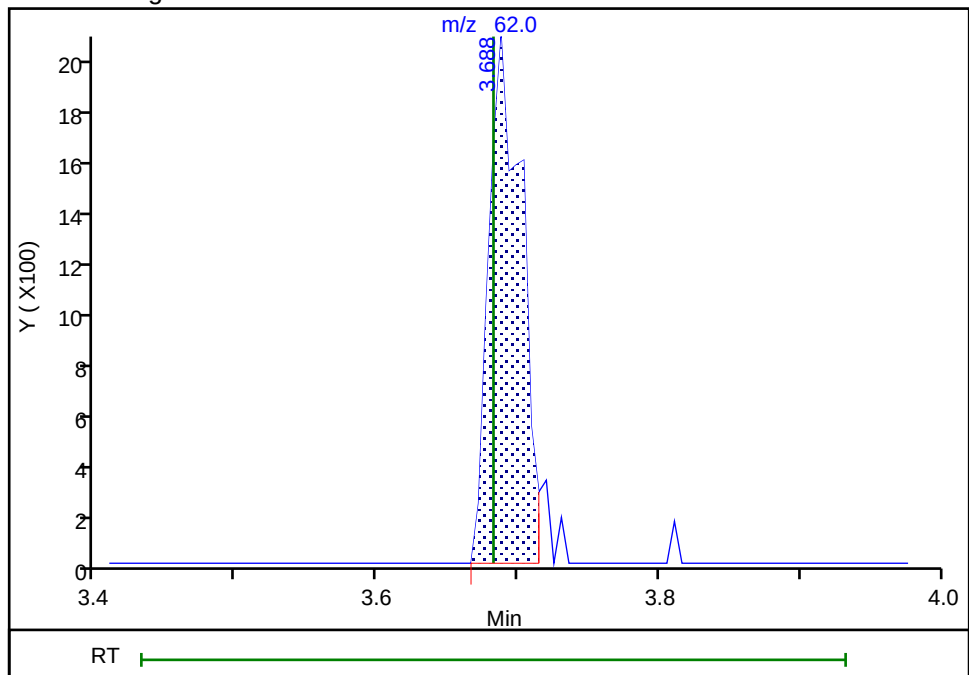
RT: 3.69
Area: 3389
Amount: 0.210639
Amount Units: ppb v/v

Processing Integration Results



RT: 3.69
Area: 3287
Amount: 0.214543
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:43:27

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

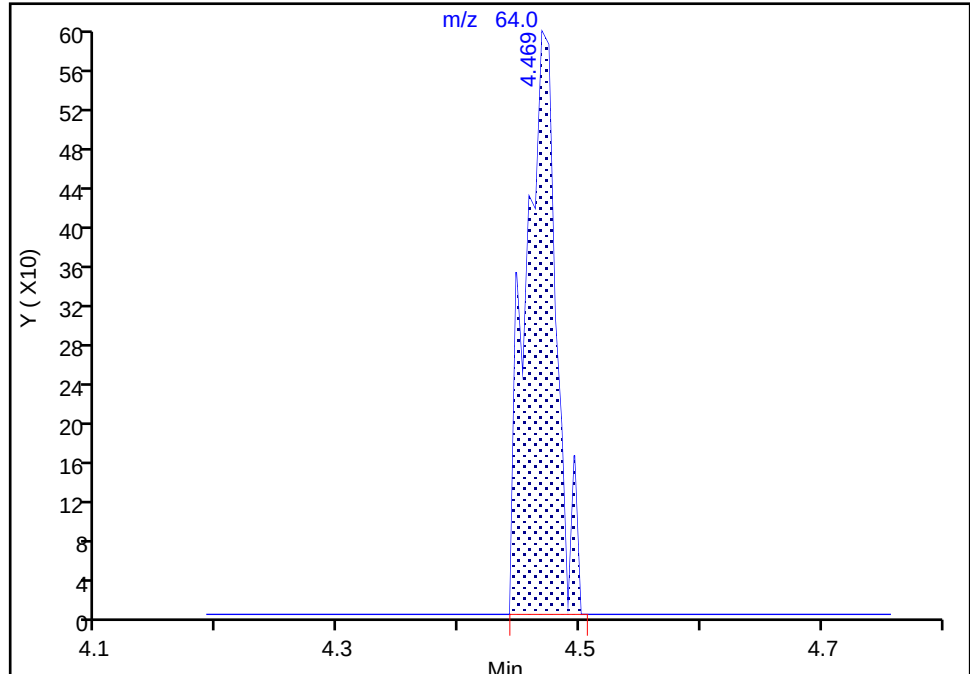
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Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

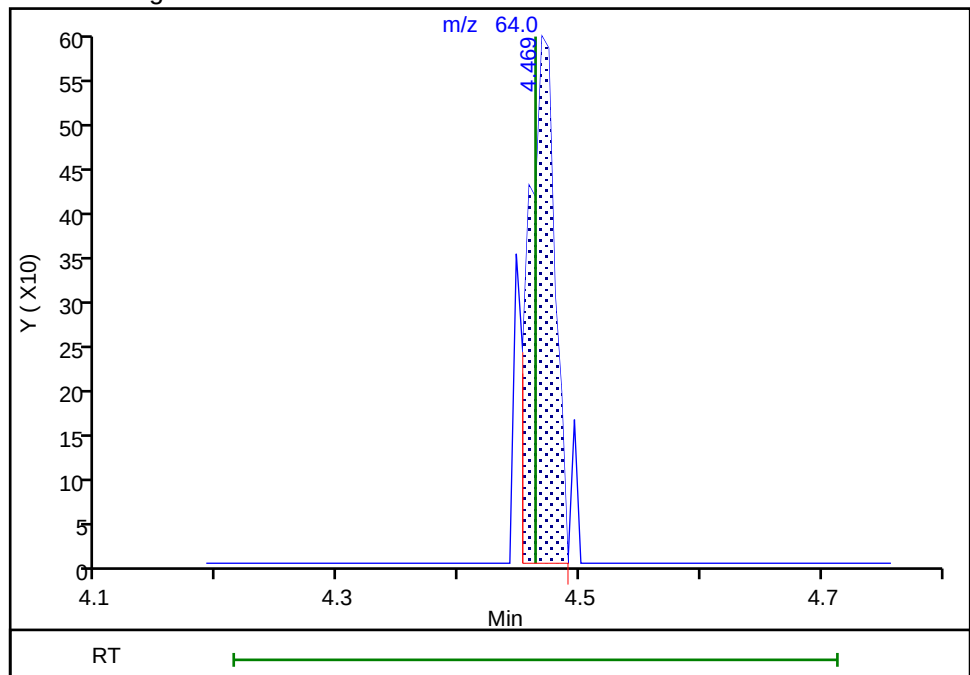
RT: 4.47
Area: 1046
Amount: 0.189394
Amount Units: ppb v/v

Processing Integration Results



RT: 4.47
Area: 882
Amount: 0.166365
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:44:24
Audit Action: Manually Integrated

Audit Reason: Assign Peak
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12/8/2022 3:46
PM

Eurofins Burlington

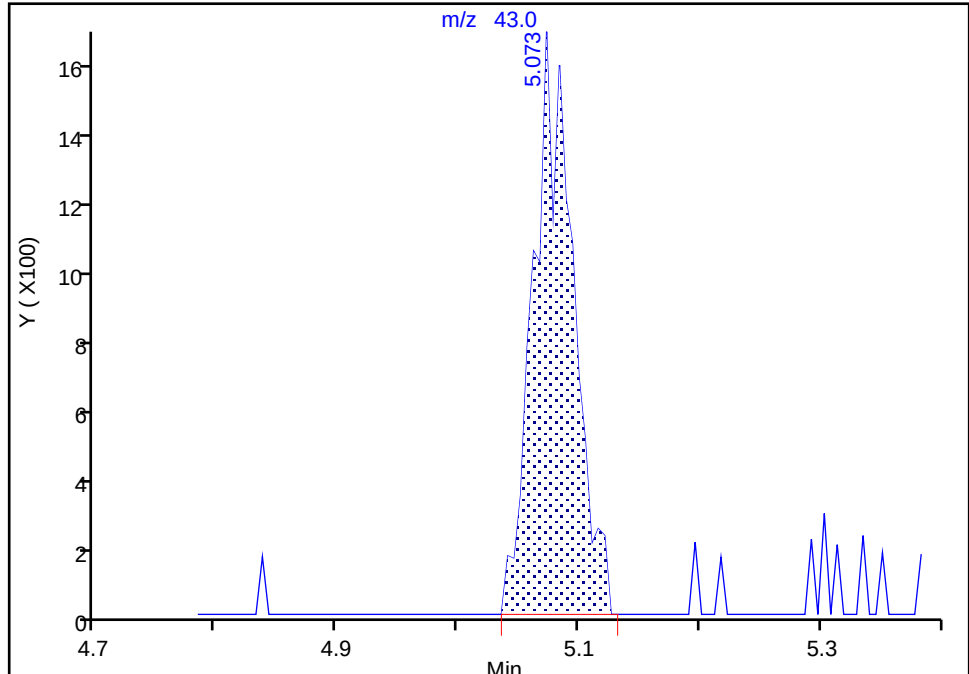
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Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

14 Pentane, CAS: 109-66-0

Signal: 1

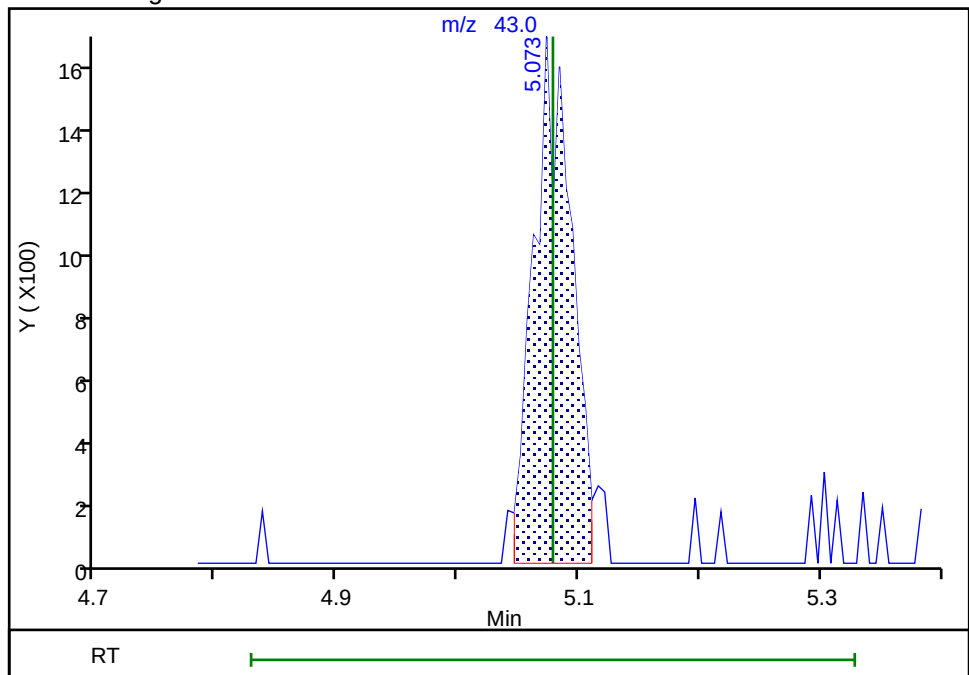
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Area: 3683
Amount: 0.209037
Amount Units: ppb v/v

Processing Integration Results



RT: 5.07
Area: 3486
Amount: 0.224179
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:44:58

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

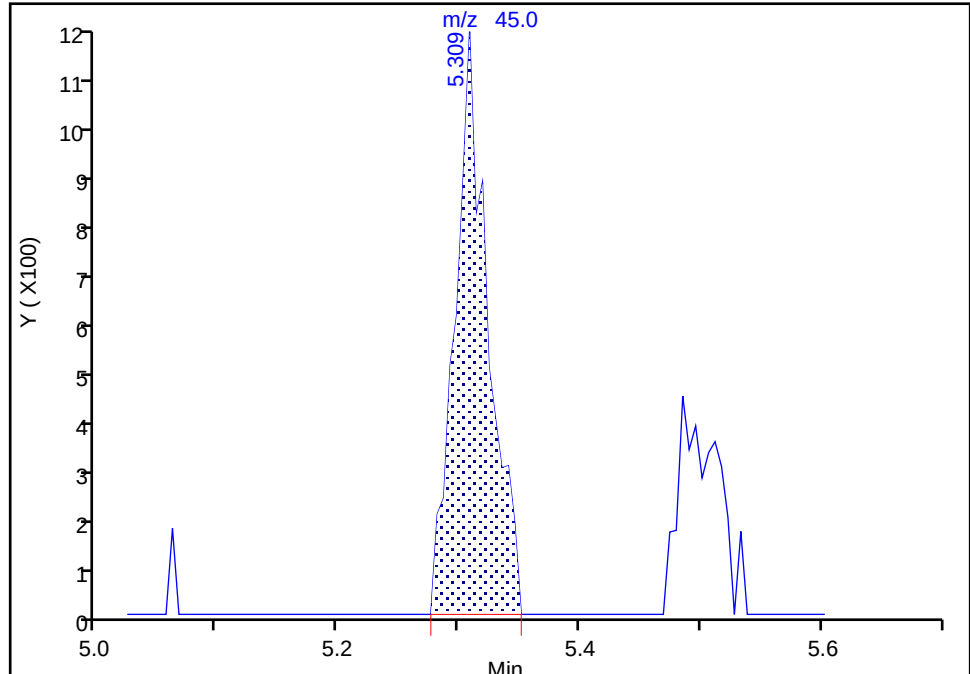
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Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

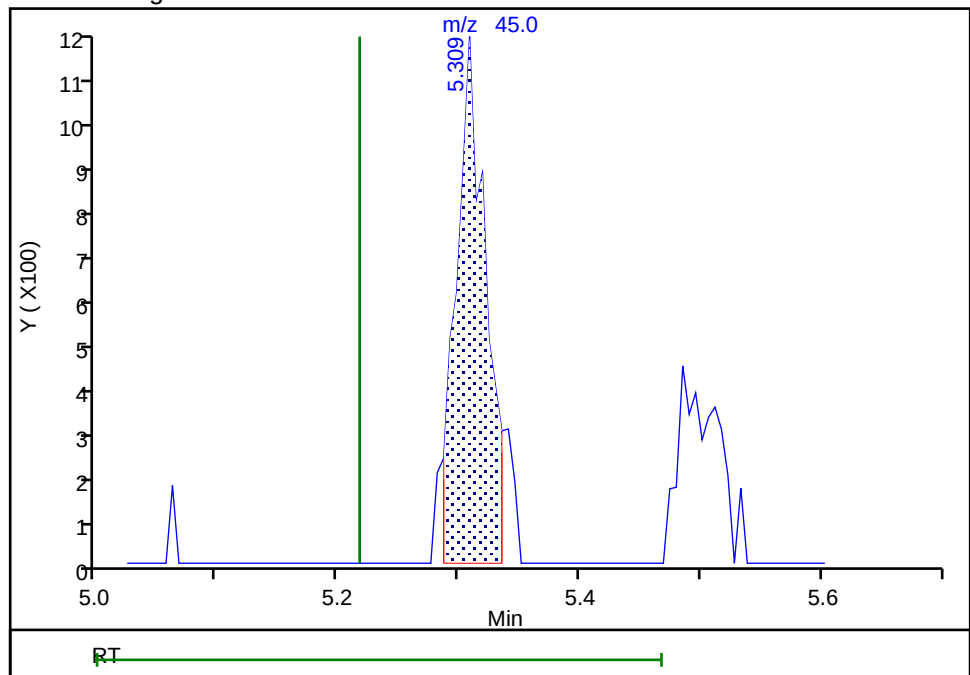
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Area: 2105
Amount: 0.466884
Amount Units: ppb v/v

Processing Integration Results



RT: 5.31
Area: 1897
Amount: 0.433644
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:45:23

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

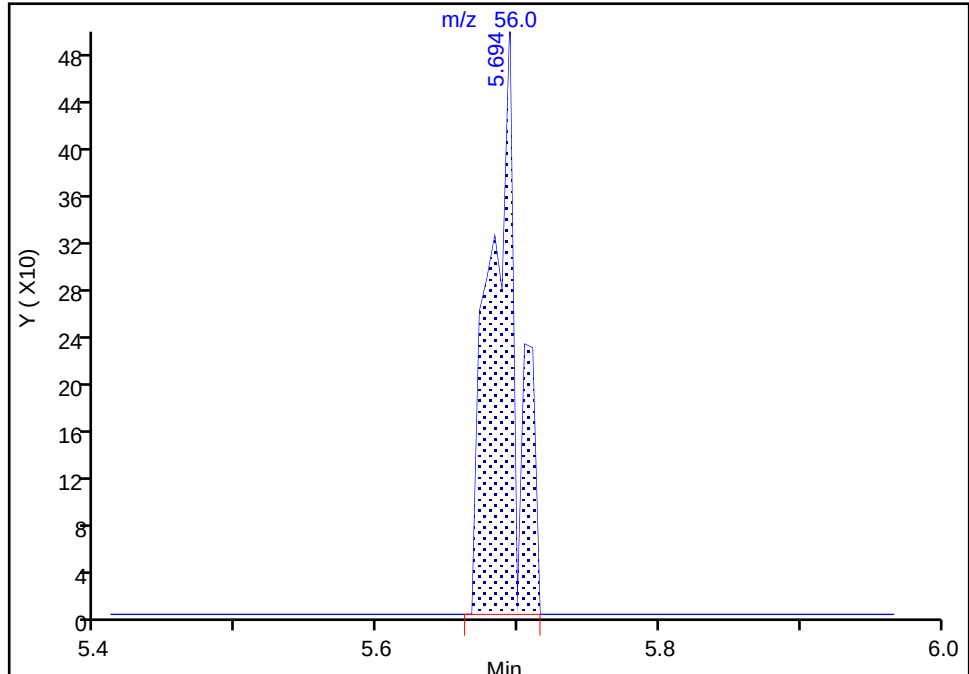
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Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

17 Acrolein, CAS: 107-02-8

Signal: 1

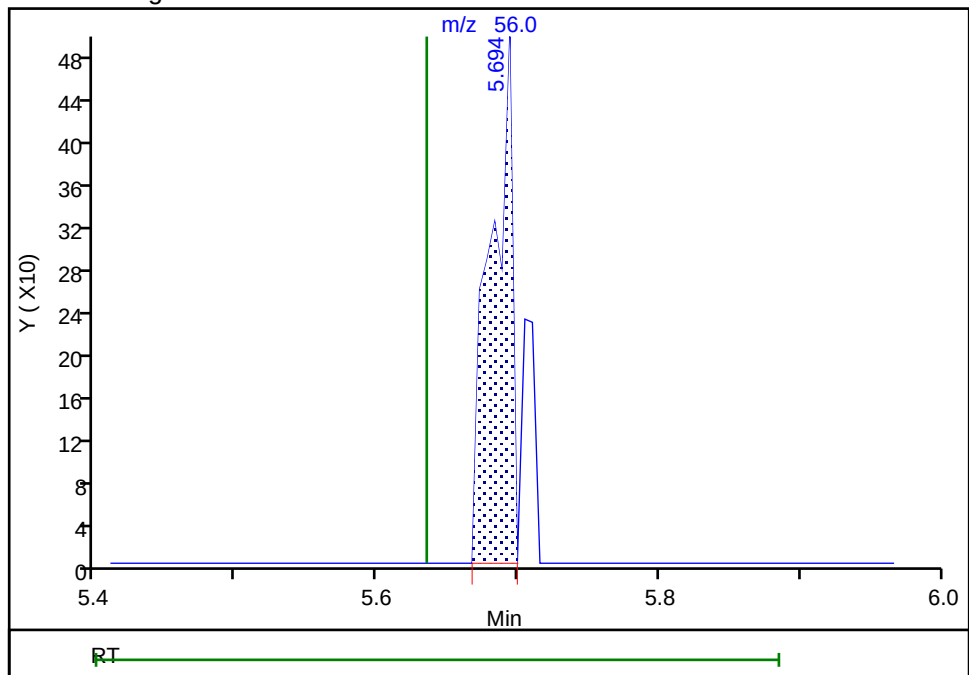
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Area: 669
Amount: 0.242633
Amount Units: ppb v/v

Processing Integration Results



RT: 5.69
Area: 523
Amount: 0.195747
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:45:44
Audit Action: Manually Integrated

Audit Reason: Assign Peak
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12/8/2022 3:46
PM

Eurofins Burlington

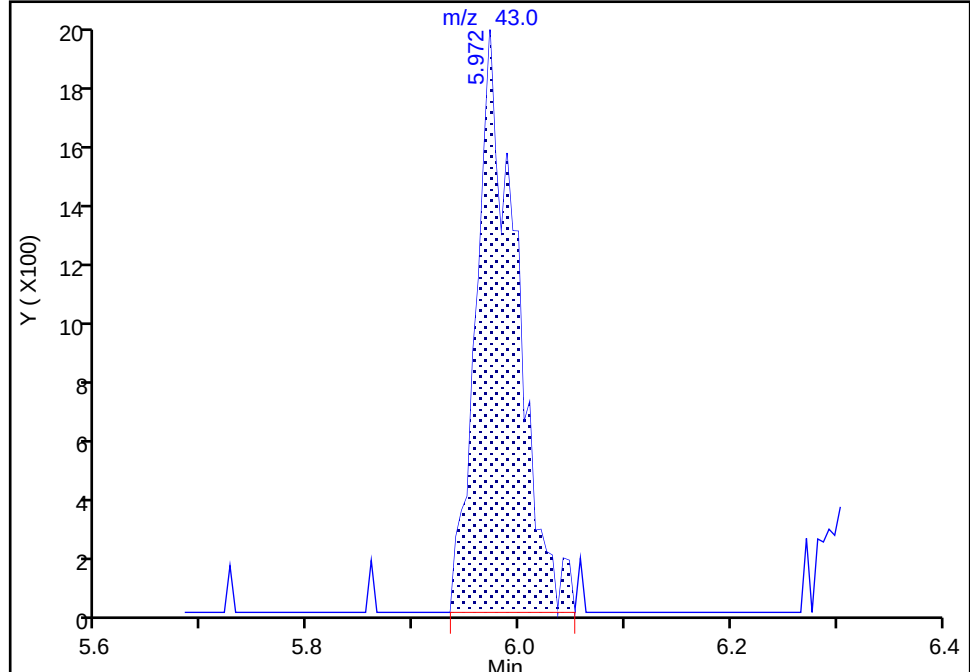
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Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

19 Acetone, CAS: 67-64-1

Signal: 1

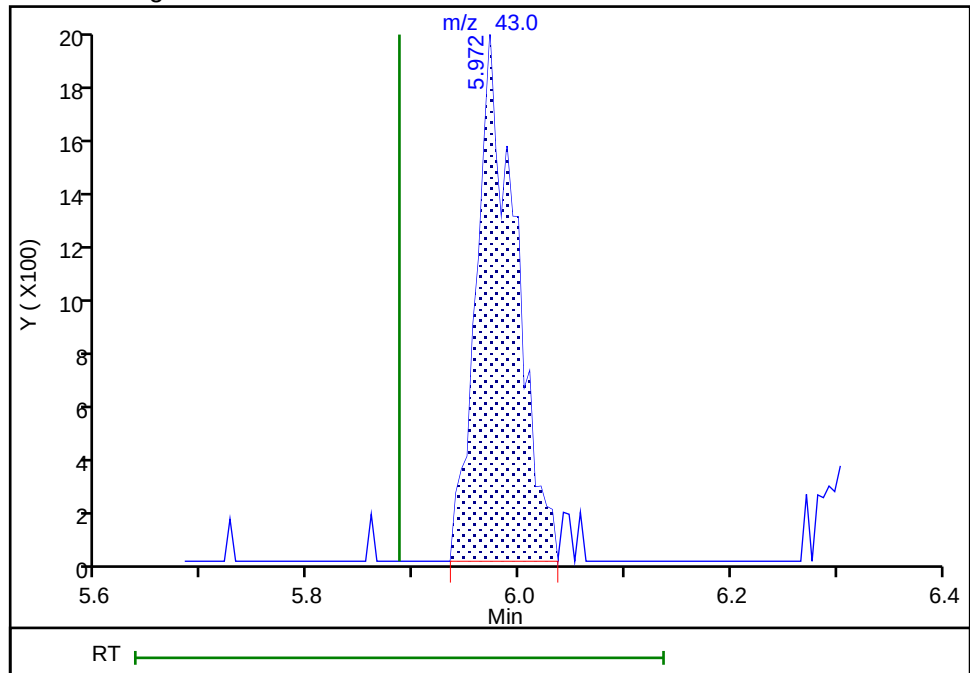
RT: 5.97
Area: 5014
Amount: 0.194119
Amount Units: ppb v/v

Processing Integration Results



RT: 5.97
Area: 4903
Amount: 0.343355
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:46:13

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

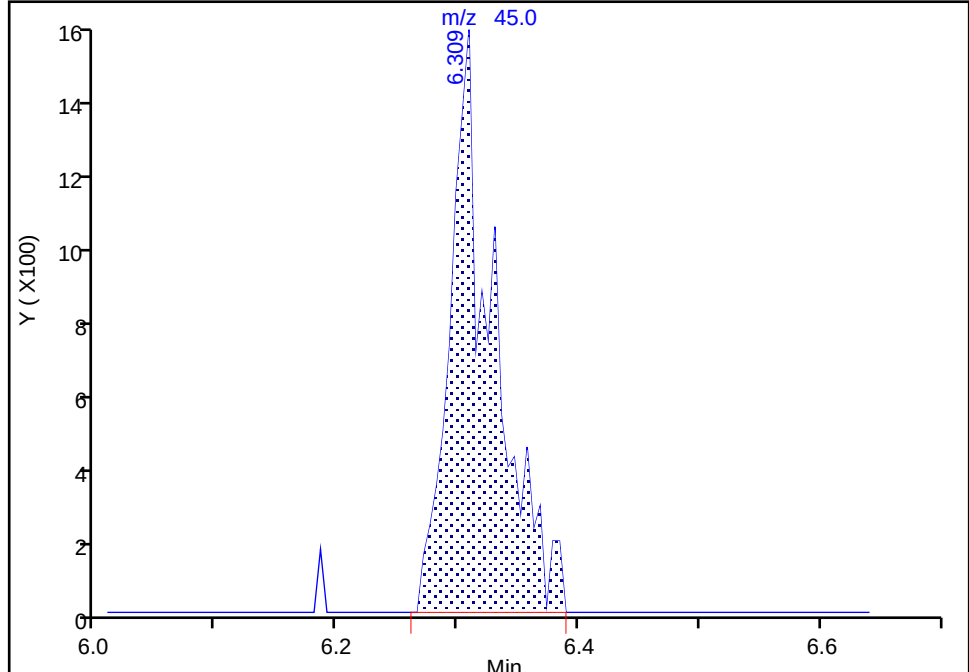
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-005.D
Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

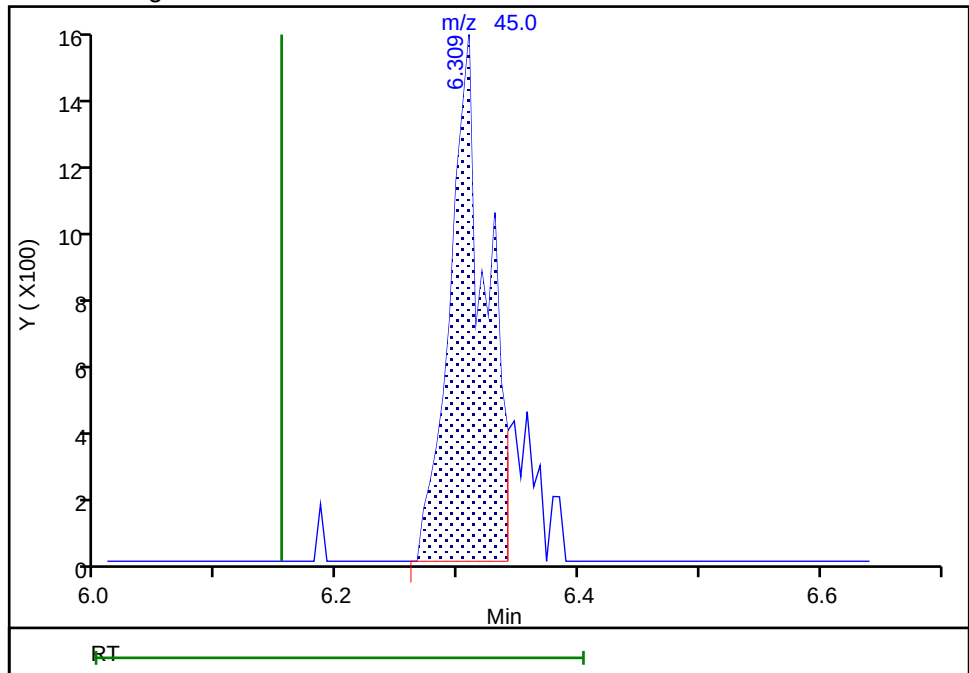
RT: 6.31
Area: 3963
Amount: 0.195025
Amount Units: ppb v/v

Processing Integration Results



RT: 6.31
Area: 3312
Amount: 0.194366
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:46:35
Audit Action: Manually Integrated

Audit Reason: Assign Peak
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Eurofins Burlington

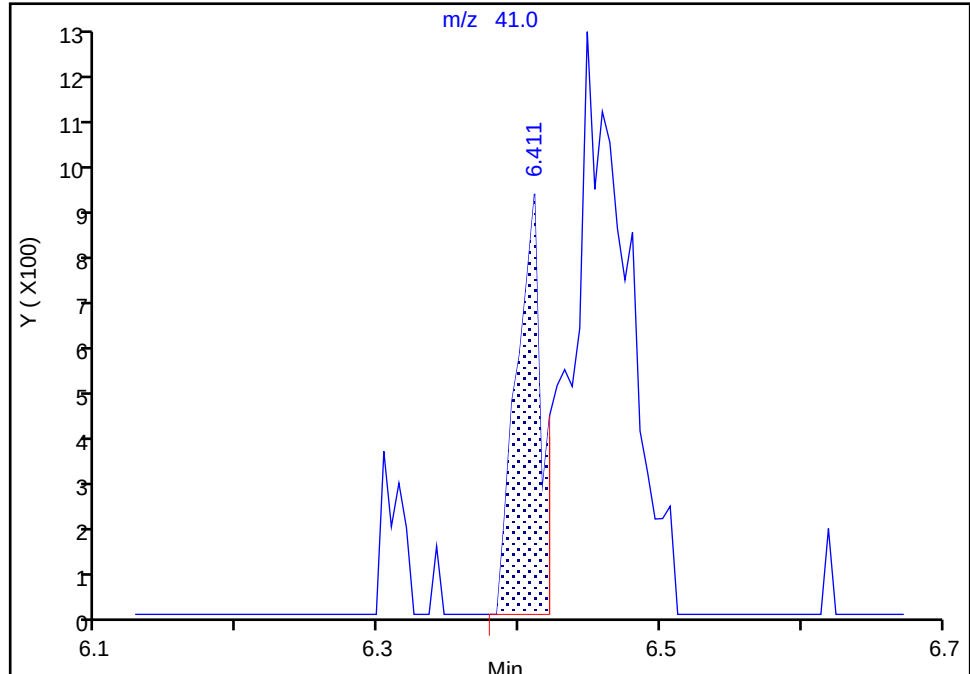
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-005.D
Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

24 Acetonitrile, CAS: 75-05-8

Signal: 1

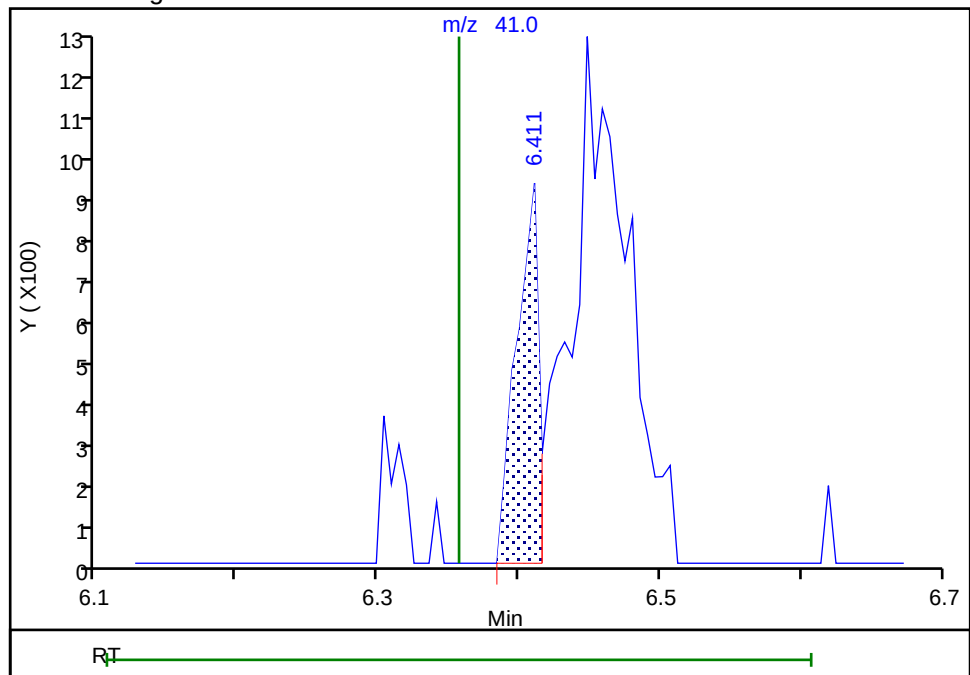
RT: 6.41
Area: 1163
Amount: 0.219387
Amount Units: ppb v/v

Processing Integration Results



RT: 6.41
Area: 1023
Amount: 0.202439
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:47:28
Audit Action: Manually Integrated

Audit Reason: Assign Peak
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Eurofins Burlington

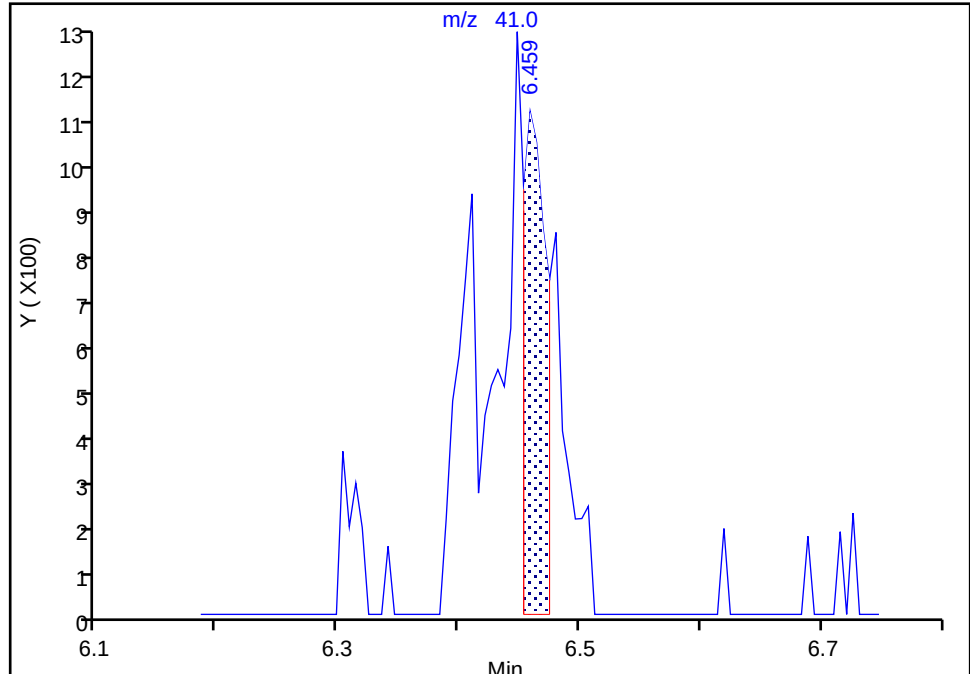
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-005.D
Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

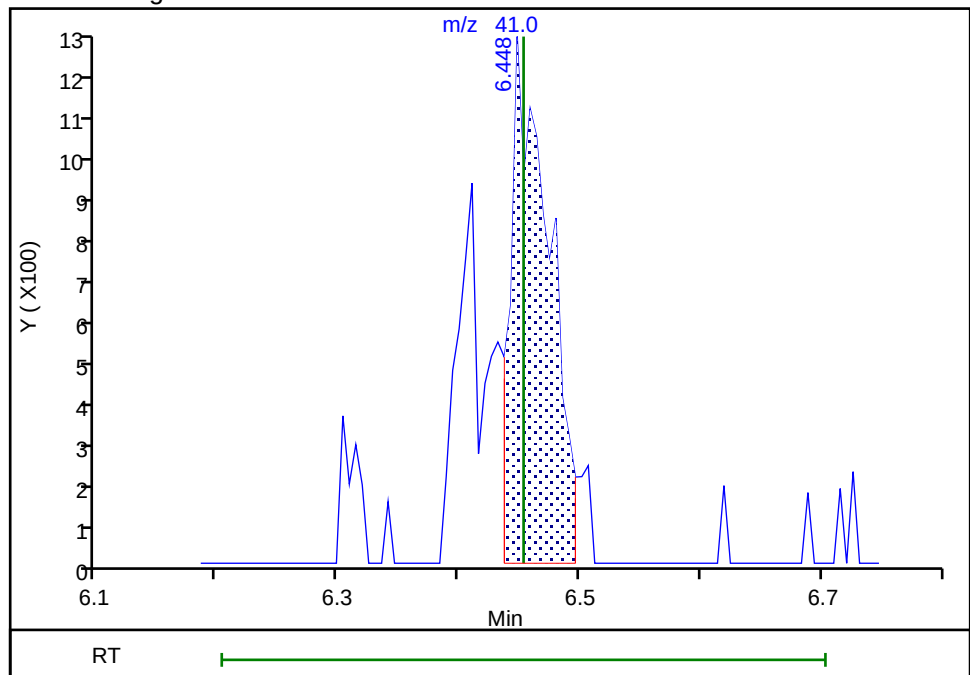
RT: 6.46
Area: 1498
Amount: 0.127273
Amount Units: ppb v/v

Processing Integration Results



RT: 6.45
Area: 2841
Amount: 0.214561
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:47:43
Audit Action: Manually Integrated

Audit Reason: Assign Peak
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Eurofins Burlington

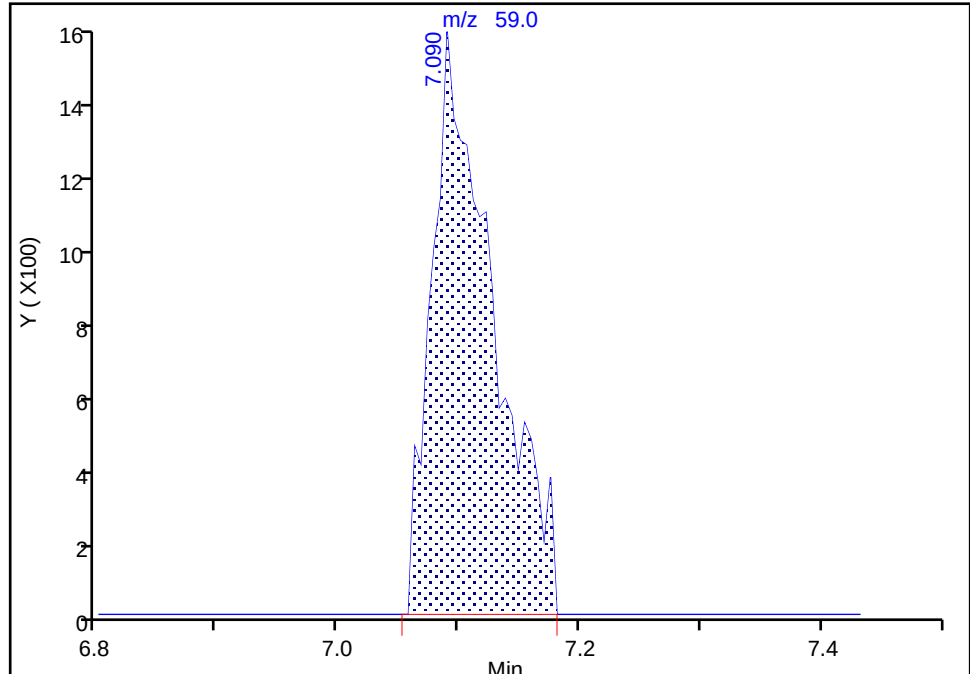
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-005.D
Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

27 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

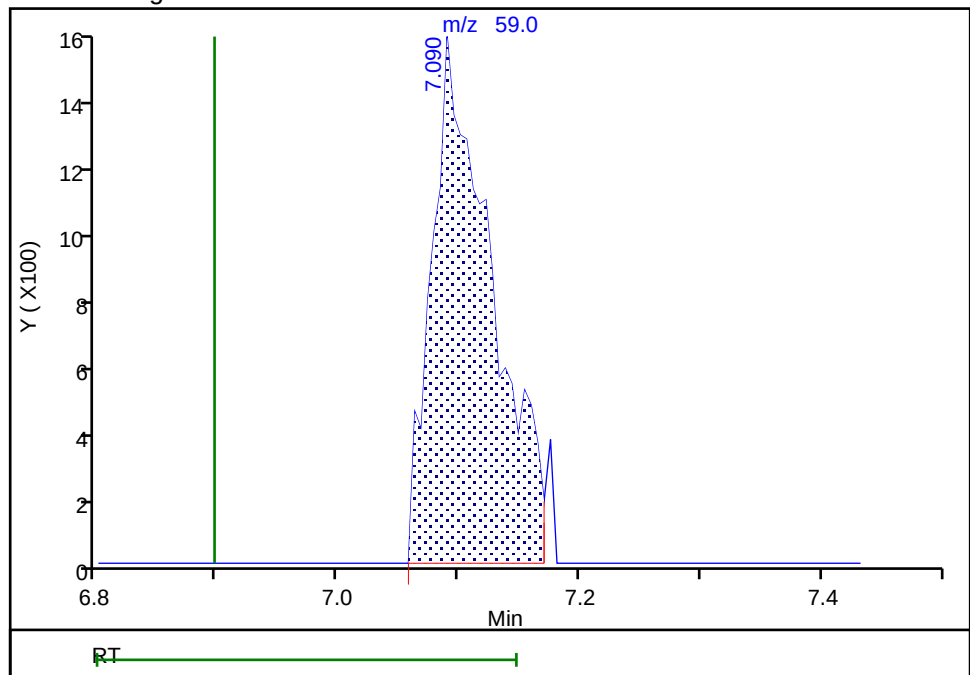
RT: 7.09
Area: 5412
Amount: 0.213092
Amount Units: ppb v/v

Processing Integration Results



RT: 7.09
Area: 5297
Amount: 0.223849
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:48:14
Audit Action: Manually Integrated

Audit Reason: Assign Peak
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Eurofins Burlington

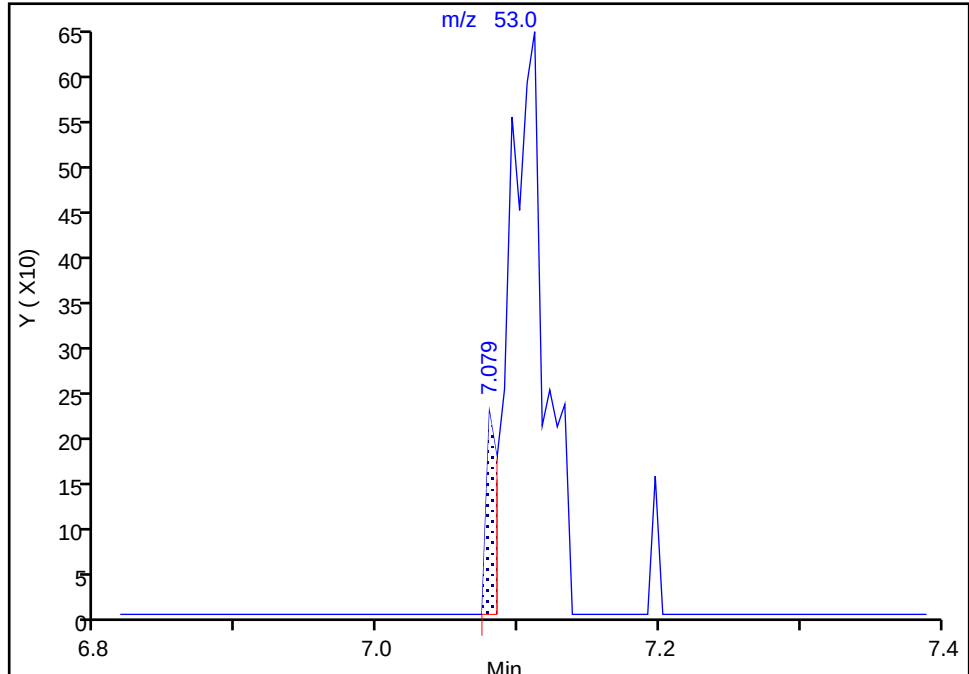
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-005.D
Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

28 Acrylonitrile, CAS: 107-13-1

Signal: 1

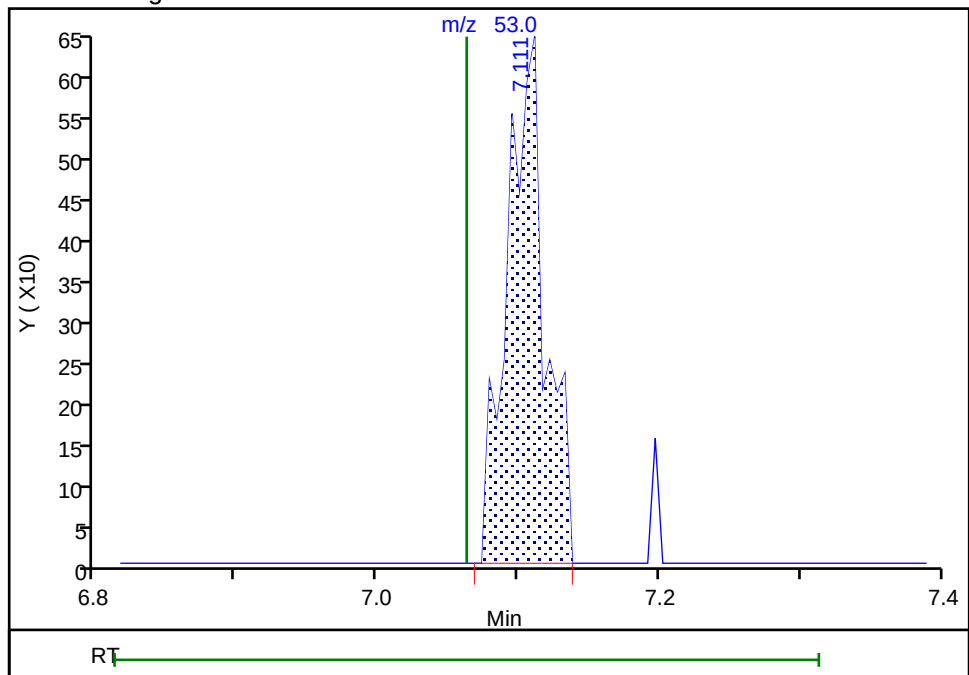
RT: 7.08
Area: 128
Amount: 0.030891
Amount Units: ppb v/v

Processing Integration Results



RT: 7.11
Area: 1219
Amount: 0.222596
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:48:35
Audit Action: Manually Integrated

Audit Reason: Assign Peak
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Eurofins Burlington

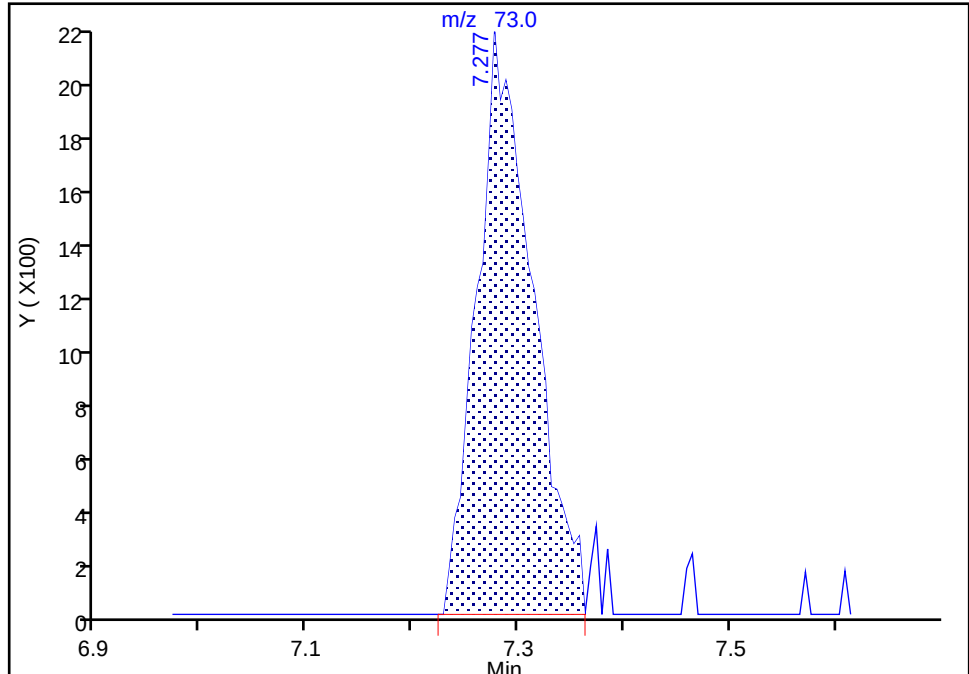
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-005.D
Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

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

Signal: 1

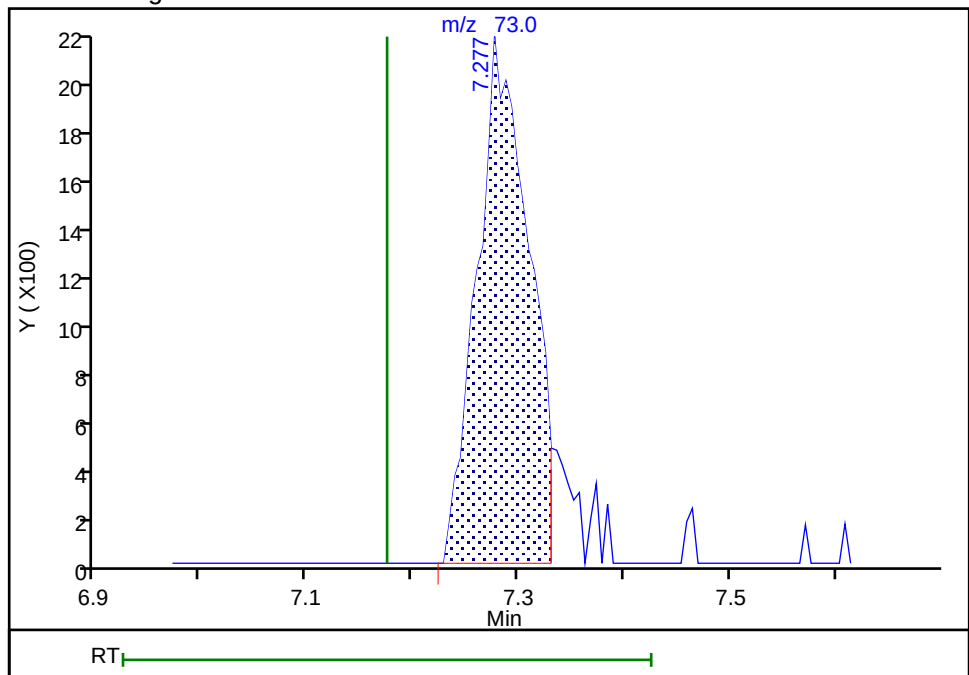
RT: 7.28
Area: 7691
Amount: 0.259477
Amount Units: ppb v/v

Processing Integration Results



RT: 7.28
Area: 7147
Amount: 0.214803
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:48:57

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

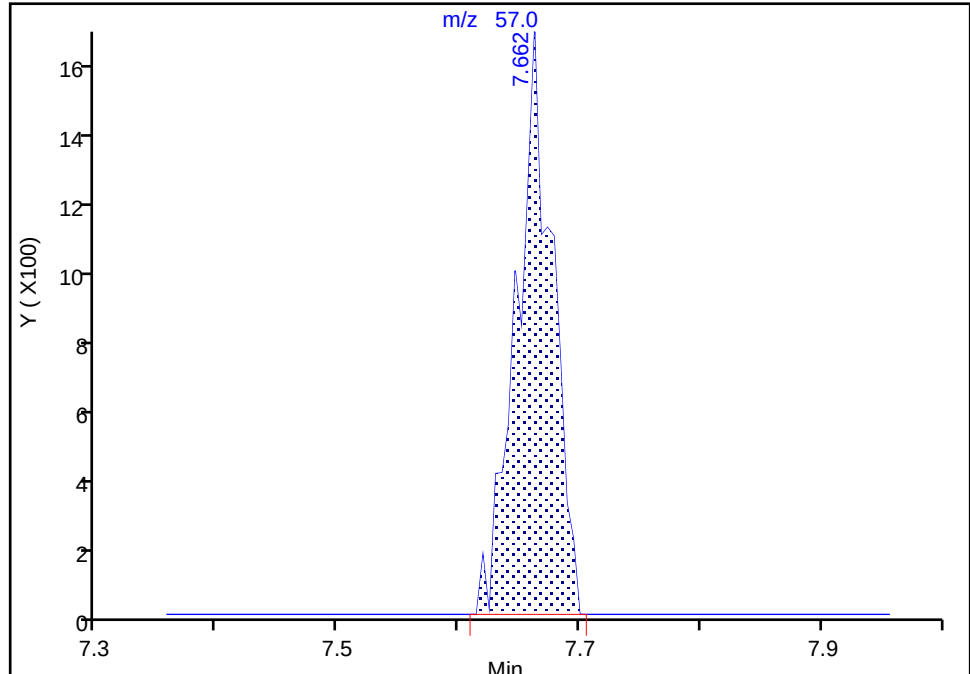
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-005.D
Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

31 Hexane, CAS: 110-54-3

Signal: 1

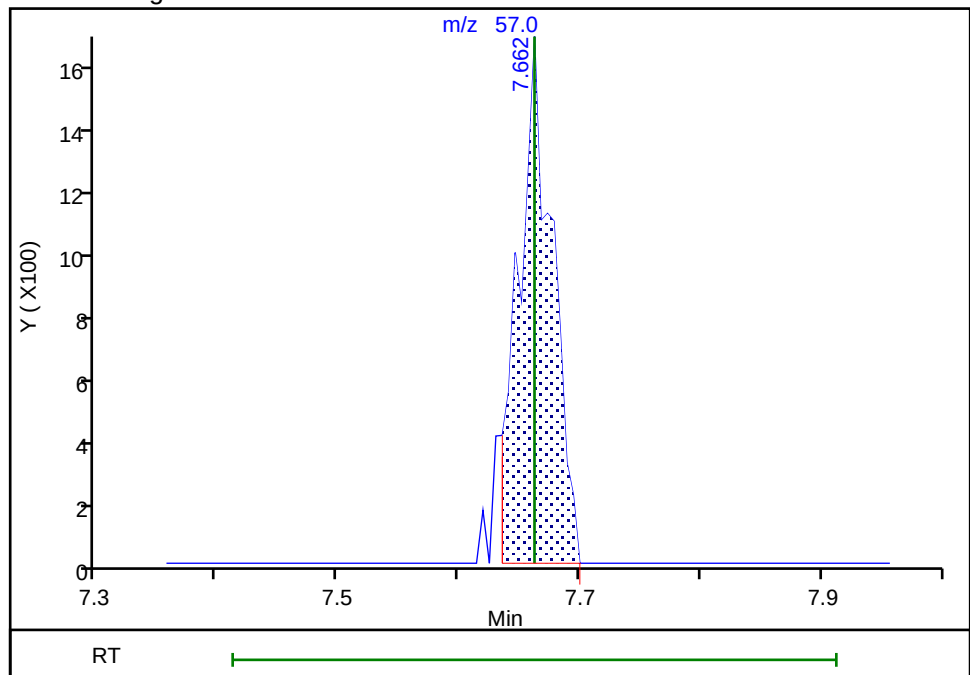
RT: 7.66
Area: 3400
Amount: 0.229692
Amount Units: ppb v/v

Processing Integration Results



RT: 7.66
Area: 3220
Amount: 0.214737
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:49:35
Audit Action: Manually Integrated

Audit Reason: Assign Peak
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Eurofins Burlington

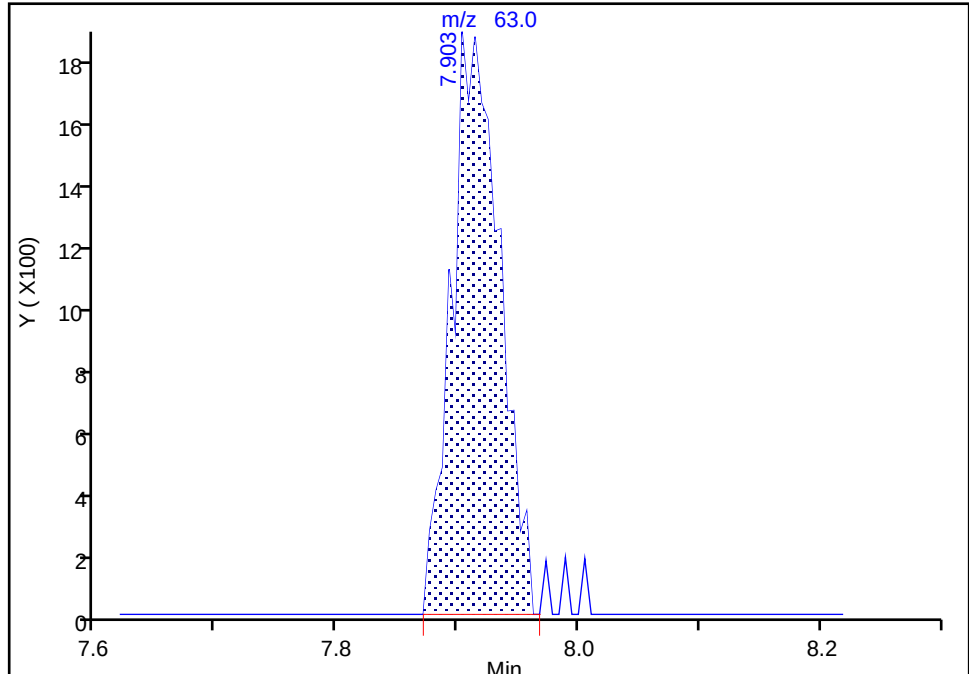
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Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

32 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

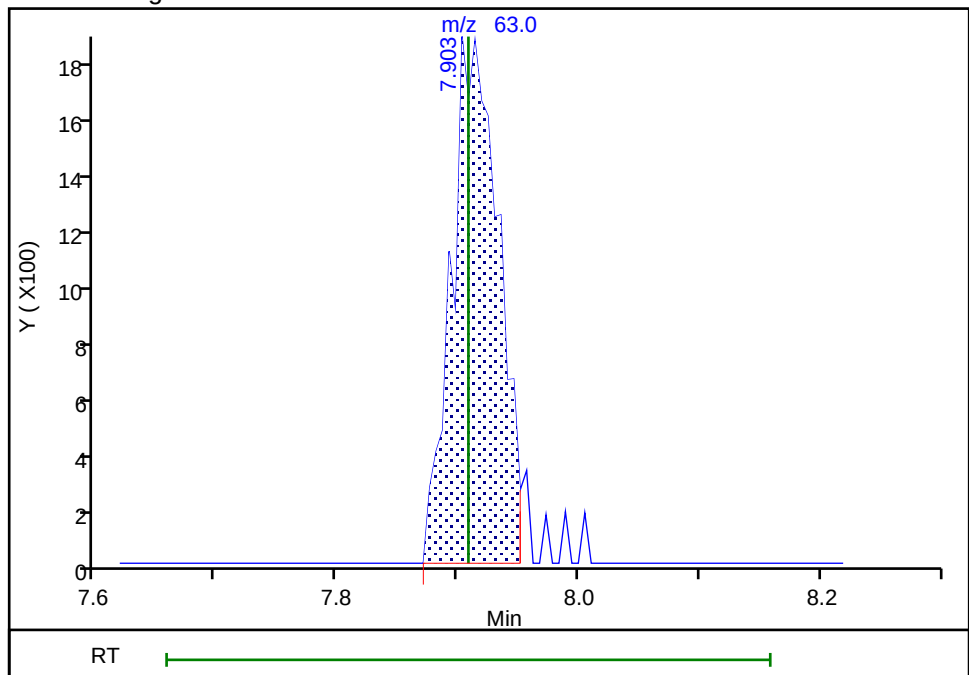
RT: 7.90
Area: 5102
Amount: 0.223651
Amount Units: ppb v/v

Processing Integration Results



RT: 7.90
Area: 4997
Amount: 0.225521
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:50:55

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

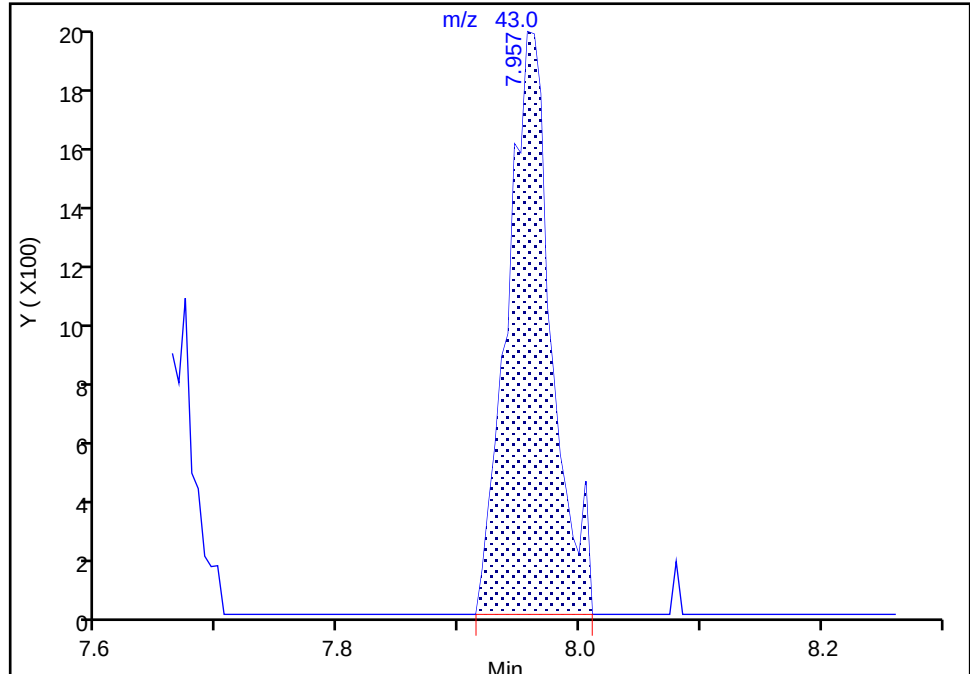
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-005.D
Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

33 Vinyl acetate, CAS: 108-05-4

Signal: 1

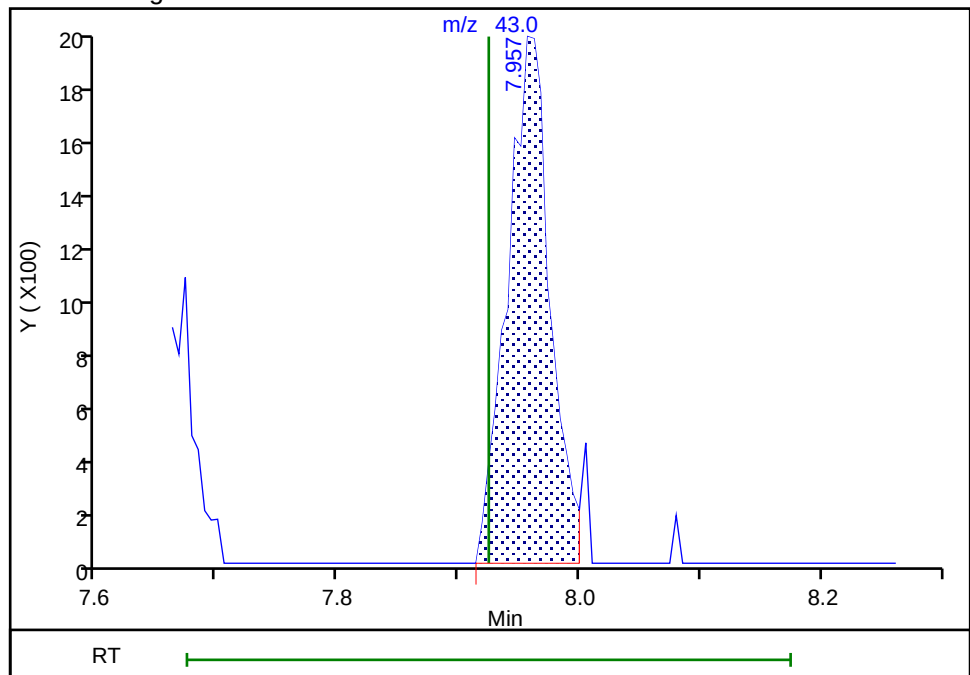
RT: 7.96
Area: 4921
Amount: 0.236650
Amount Units: ppb v/v

Processing Integration Results



RT: 7.96
Area: 4778
Amount: 0.216085
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:51:24

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

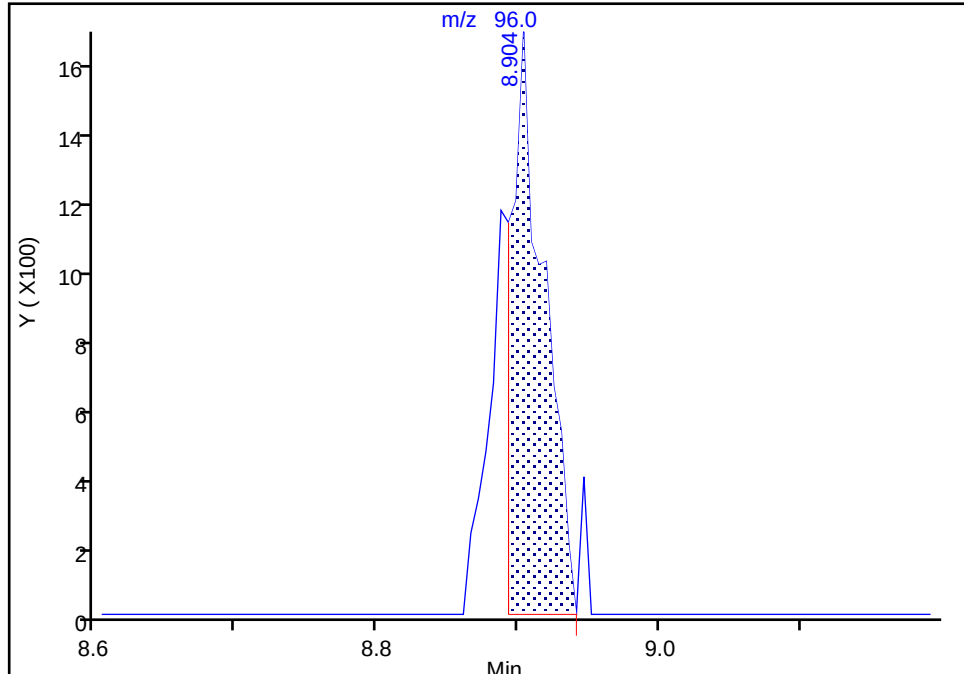
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-005.D
Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

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

Signal: 1

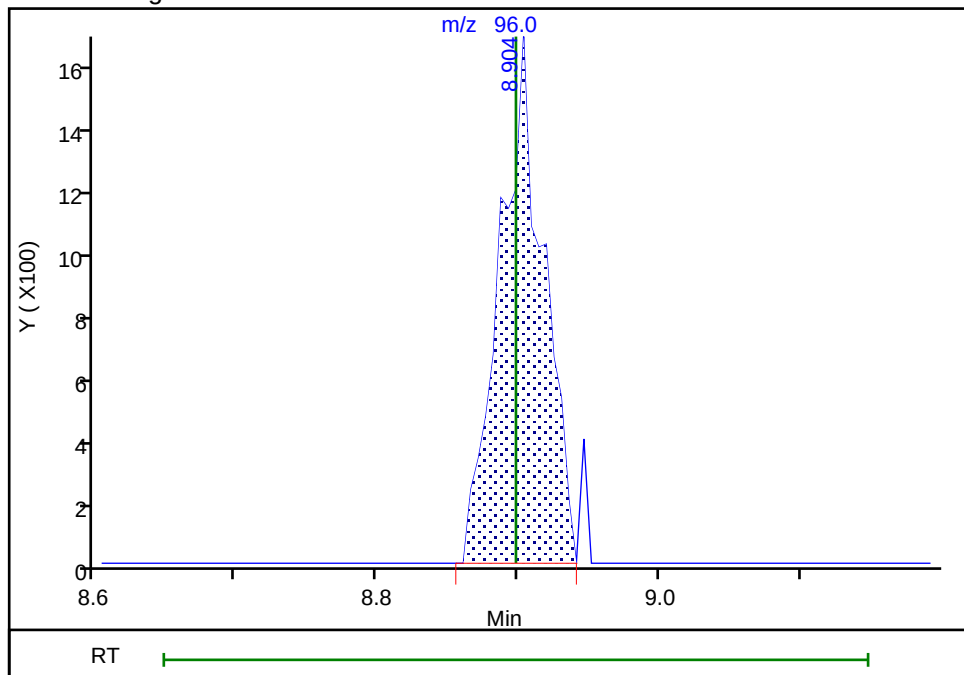
RT: 8.90
Area: 2708
Amount: 0.183994
Amount Units: ppb v/v

Processing Integration Results



RT: 8.90
Area: 3623
Amount: 0.230862
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:52:01
Audit Action: Manually Integrated

Audit Reason: Assign Peak
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Eurofins Burlington

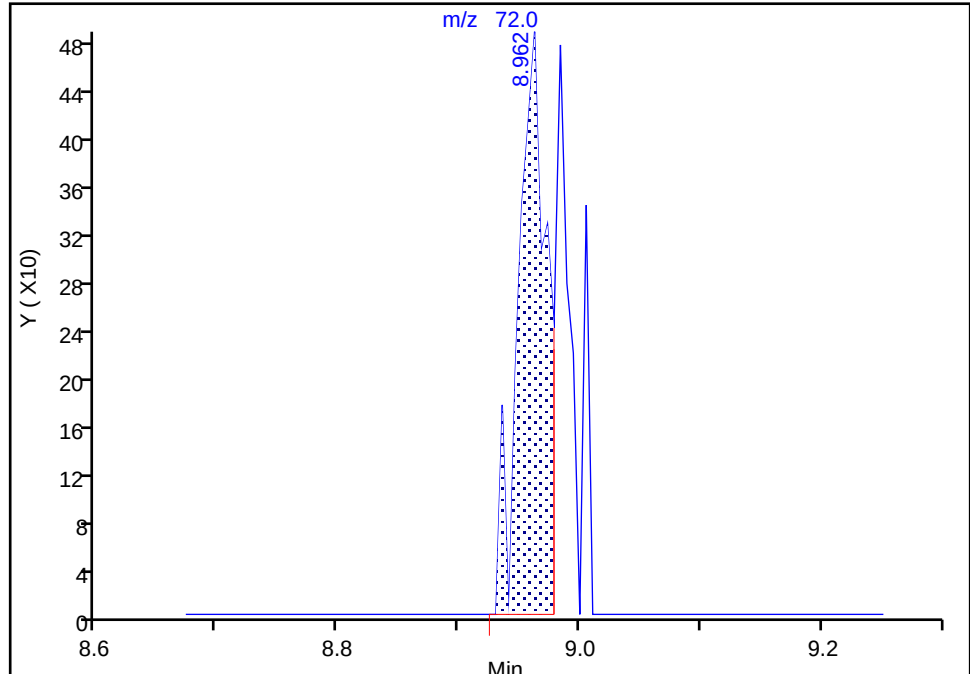
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-005.D
Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

34 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

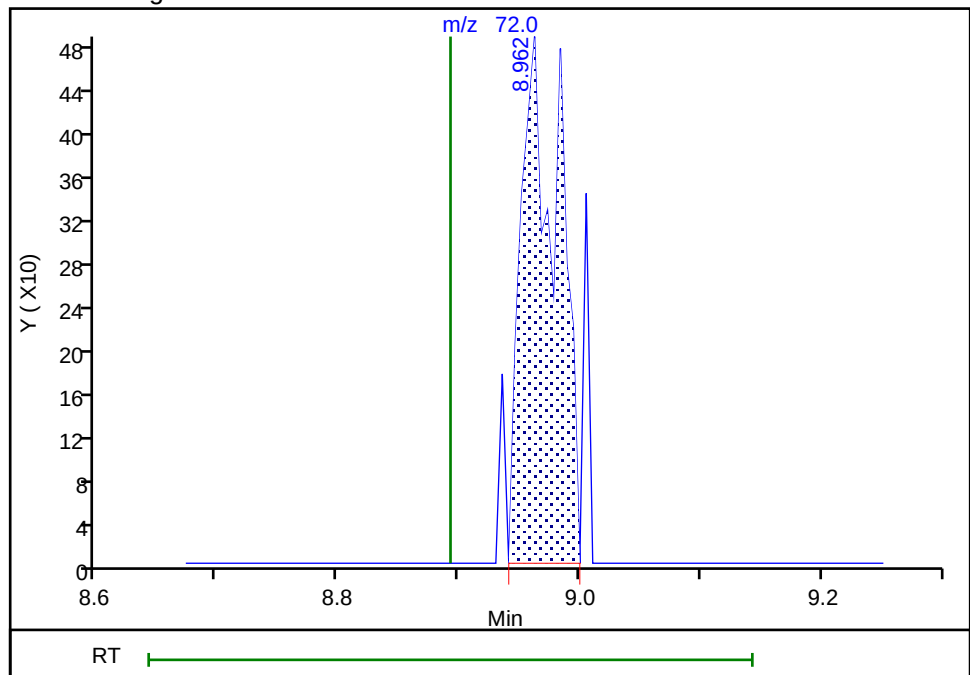
RT: 8.96
Area: 793
Amount: 0.174396
Amount Units: ppb v/v

Processing Integration Results



RT: 8.96
Area: 1046
Amount: 0.209632
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:51:45

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

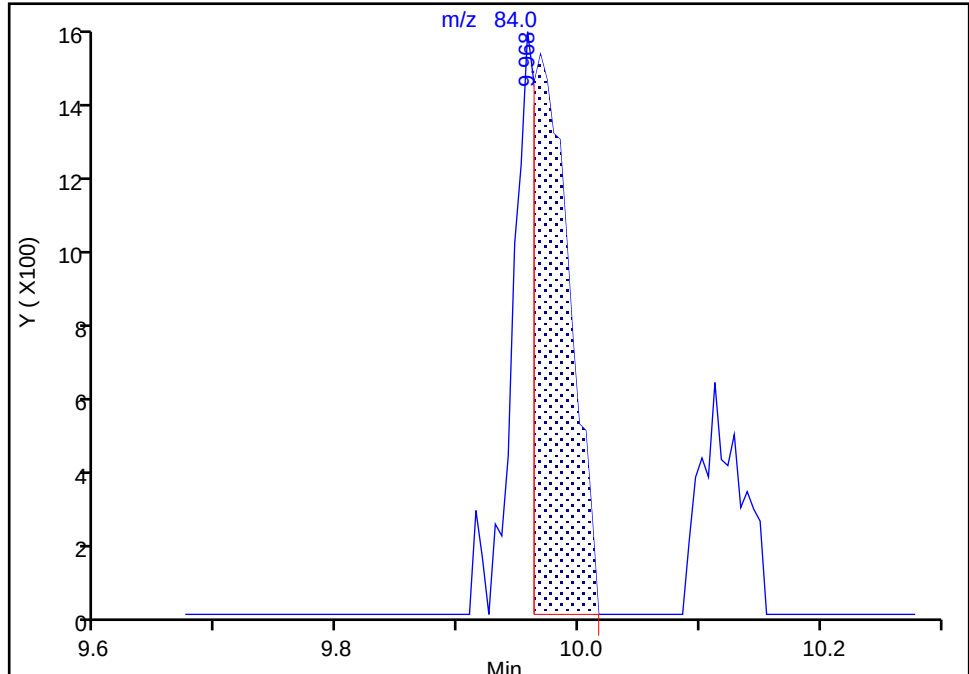
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-005.D
Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

41 Cyclohexane, CAS: 110-82-7

Signal: 1

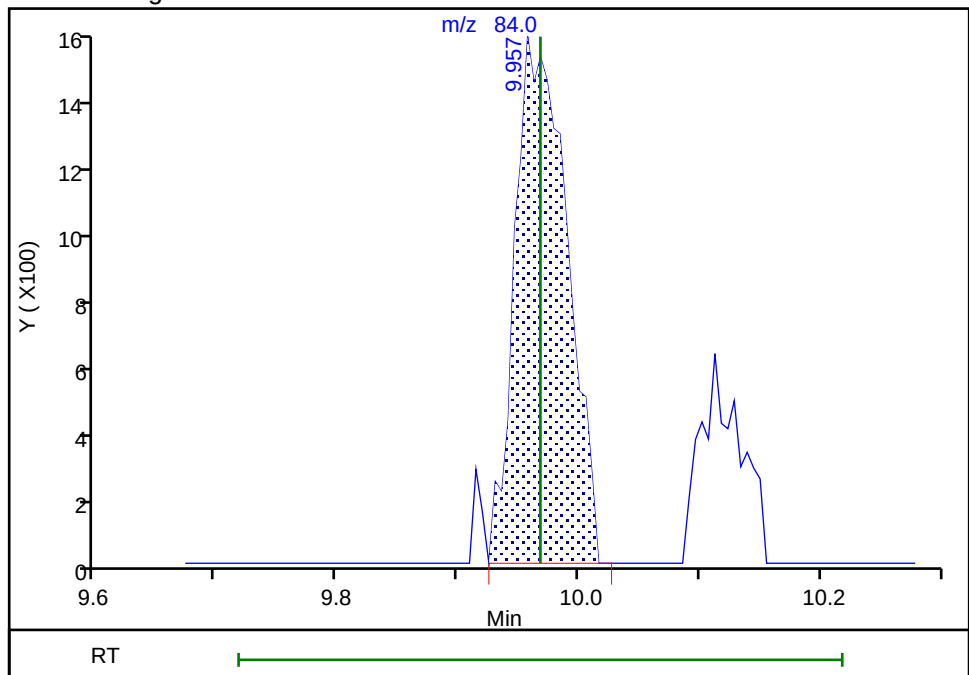
RT: 9.97
Area: 3152
Amount: 0.198089
Amount Units: ppb v/v

Processing Integration Results



RT: 9.96
Area: 4622
Amount: 0.248662
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:52:27

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

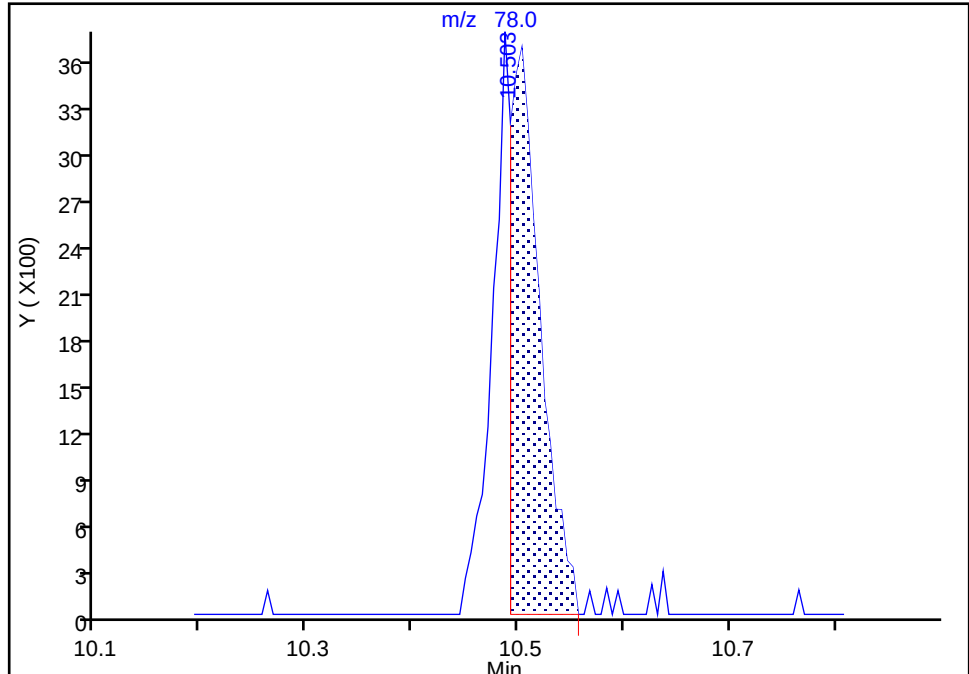
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-005.D
Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

44 Benzene, CAS: 71-43-2

Signal: 1

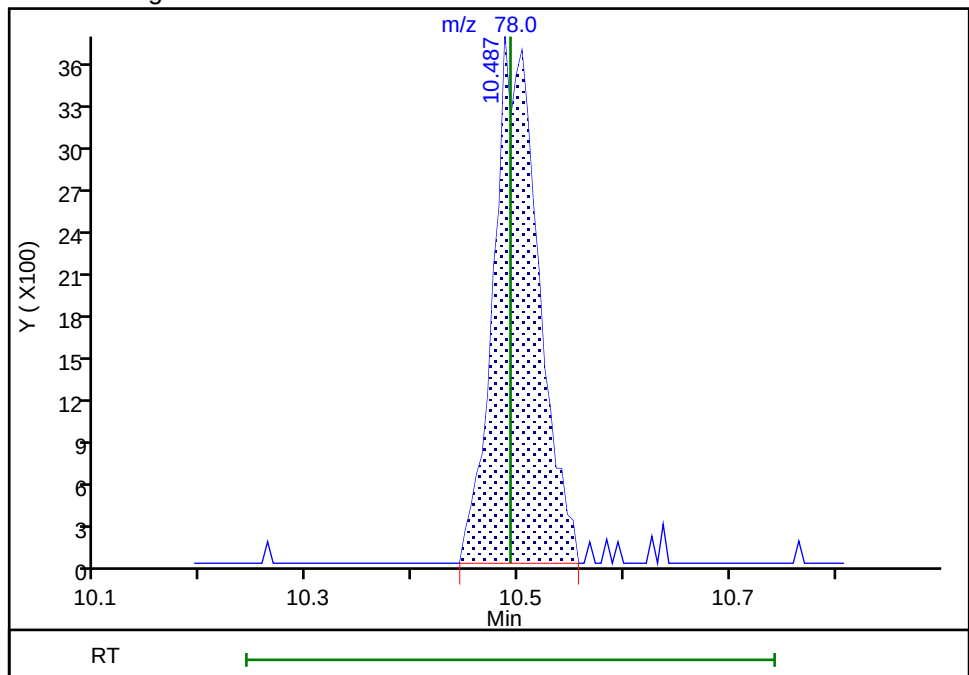
RT: 10.50
Area: 7173
Amount: 0.144649
Amount Units: ppb v/v

Processing Integration Results



RT: 10.49
Area: 10868
Amount: 0.238939
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:52:48

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

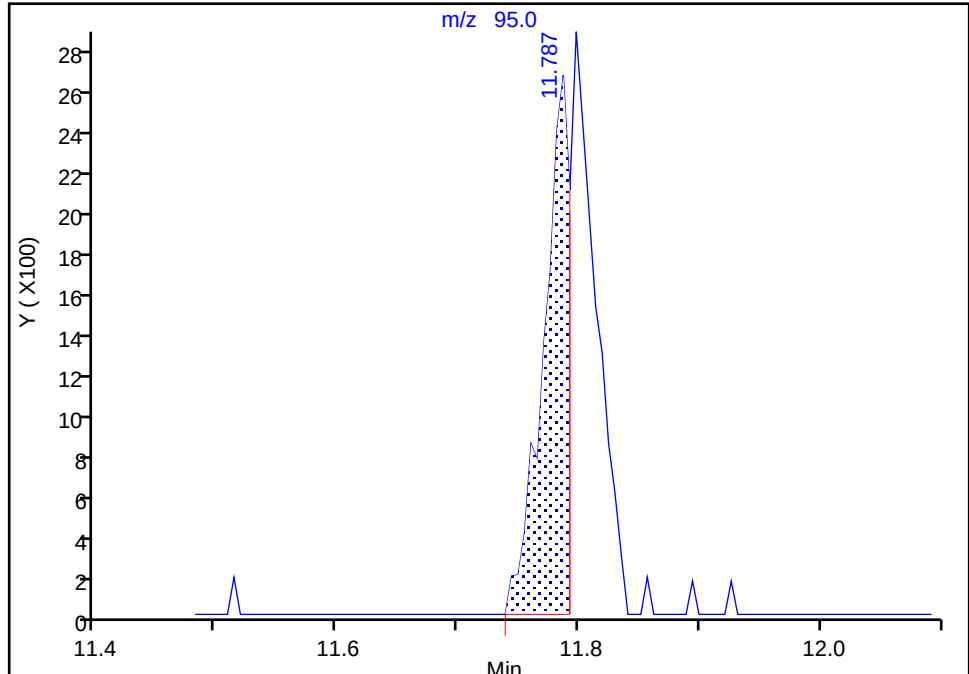
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Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

50 Trichloroethene, CAS: 79-01-6

Signal: 1

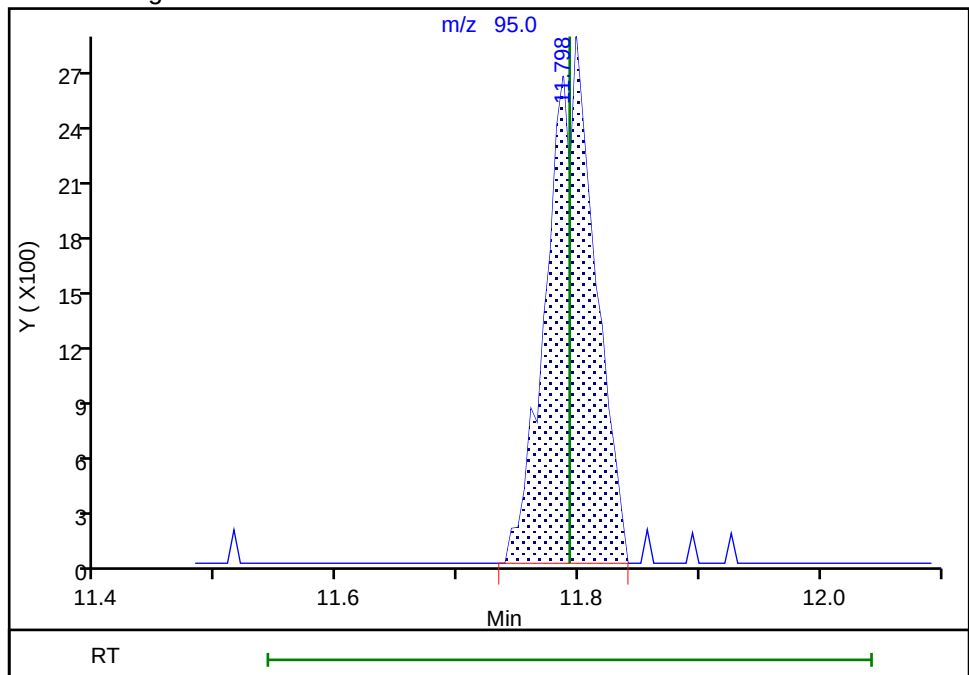
RT: 11.79
Area: 4004
Amount: 0.127297
Amount Units: ppb v/v

Processing Integration Results



RT: 11.80
Area: 7764
Amount: 0.235554
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:53:21
Audit Action: Manually Integrated

Audit Reason: Assign Peak
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-005.D

Injection Date: 21-Nov-2022 17:34:30

Instrument ID: CHG.i

Lims ID: ic

Client ID:

Operator ID: vtp

ALS Bottle#:

5

Worklist Smp#: 5

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

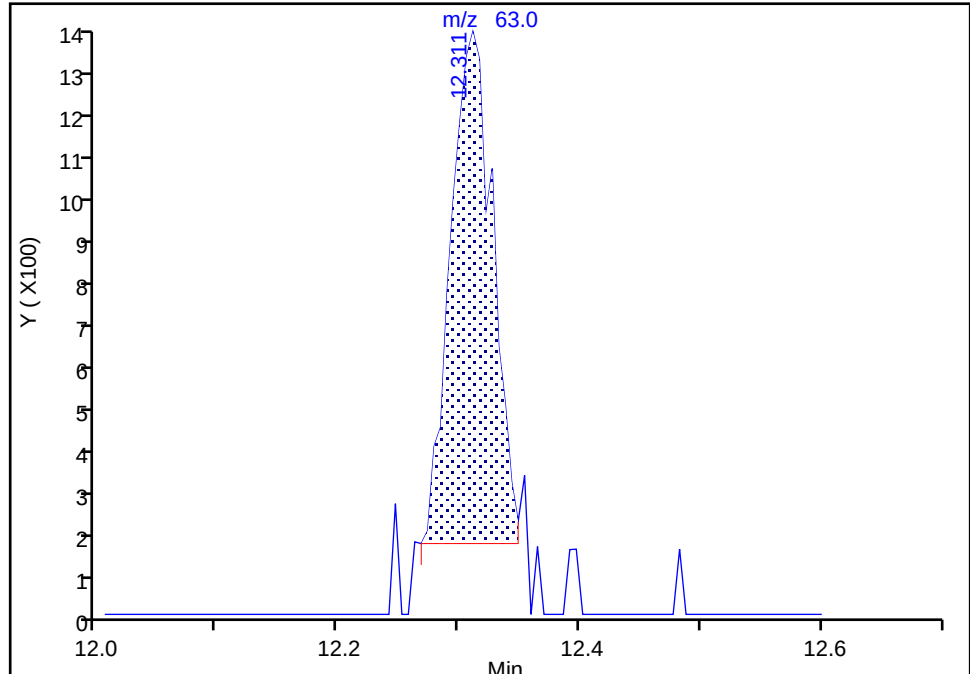
Detector: MS SCAN

51 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

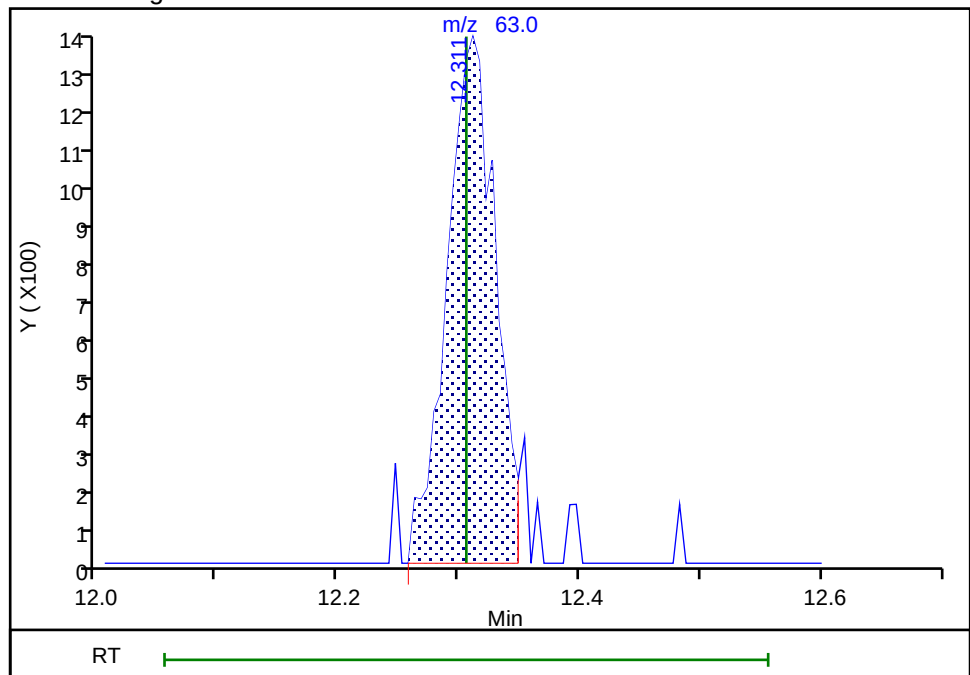
RT: 12.31
Area: 2885
Amount: 0.208647
Amount Units: ppb v/v

Processing Integration Results



RT: 12.31
Area: 3787
Amount: 0.245567
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:53:38

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

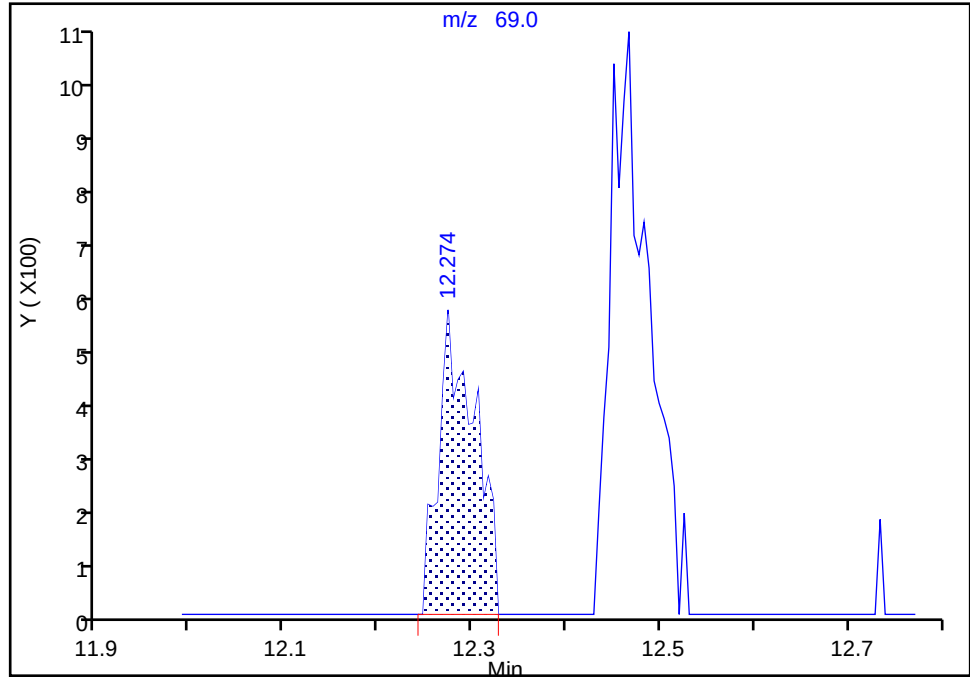
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-005.D
Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

54 Methyl methacrylate, CAS: 80-62-6

Signal: 1

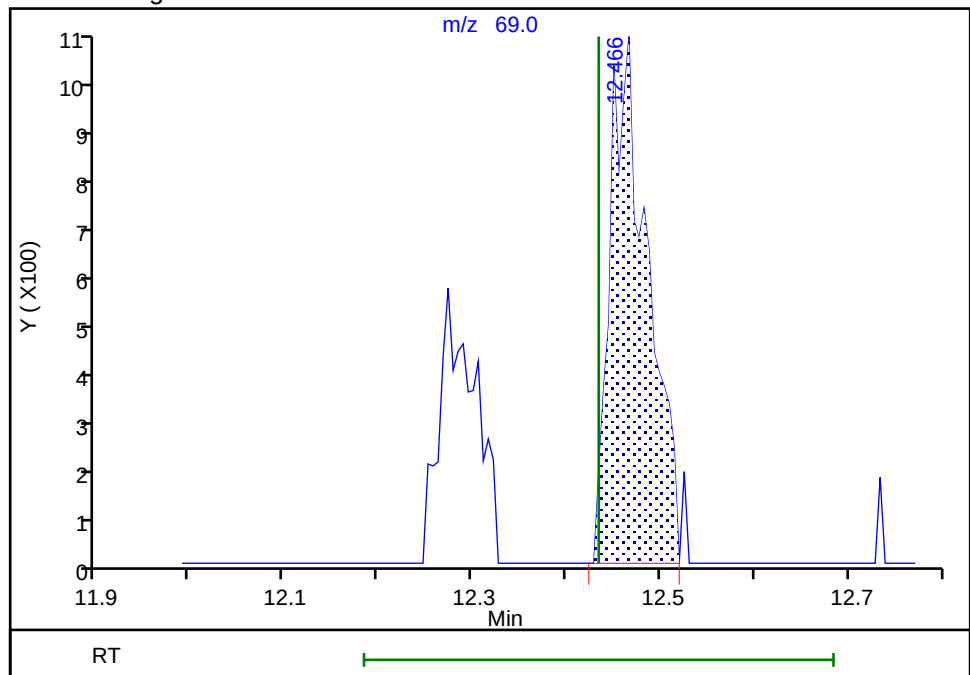
RT: 12.27
Area: 1415
Amount: 0.112692
Amount Units: ppb v/v

Processing Integration Results



RT: 12.47
Area: 2837
Amount: 0.211932
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:53:50

Audit Action: Assigned Compound ID

Audit Reason: Assign Peak

Eurofins Burlington

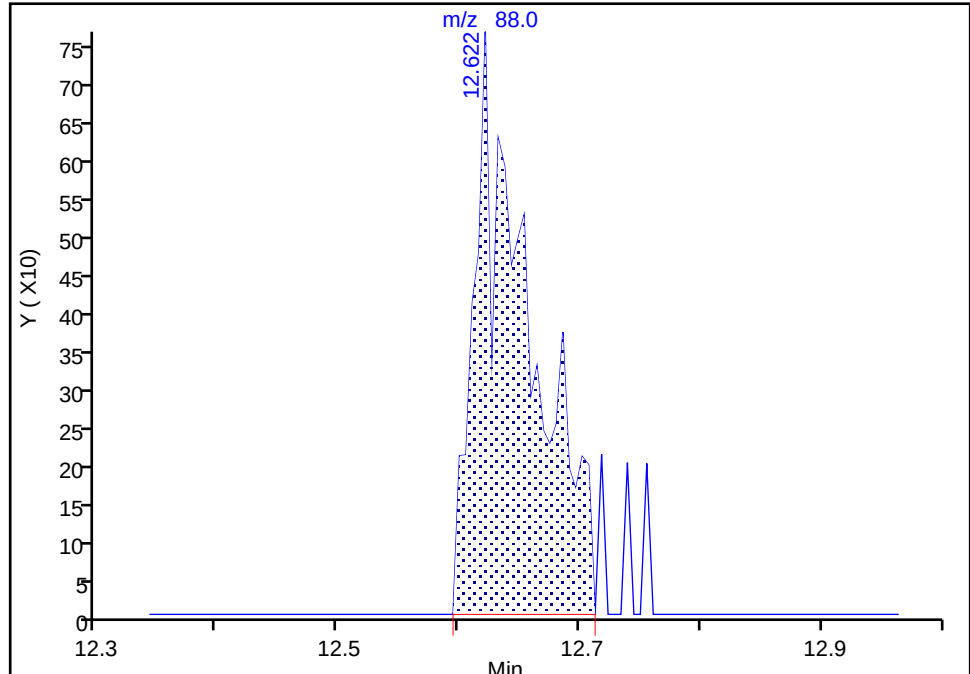
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-005.D
Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

55 1,4-Dioxane, CAS: 123-91-1

Signal: 1

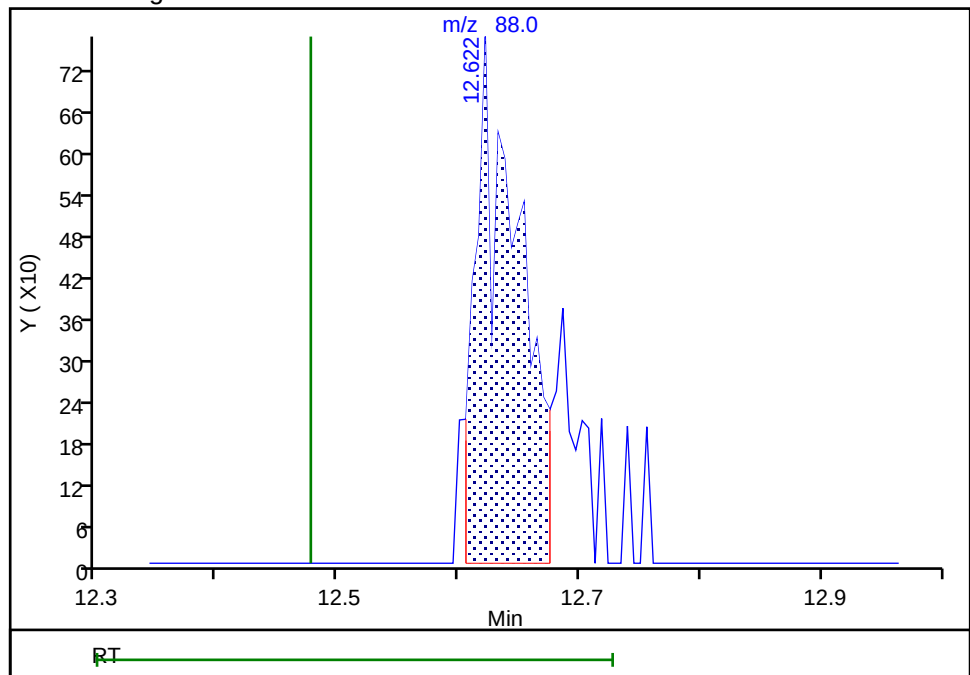
RT: 12.62
Area: 2420
Amount: 0.300187
Amount Units: ppb v/v

Processing Integration Results



RT: 12.62
Area: 1909
Amount: 0.186388
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:54:24
Audit Action: Manually Integrated

Audit Reason: Assign Peak
Page 468 of 981

12/8/2022 3:46
PM

Eurofins Burlington

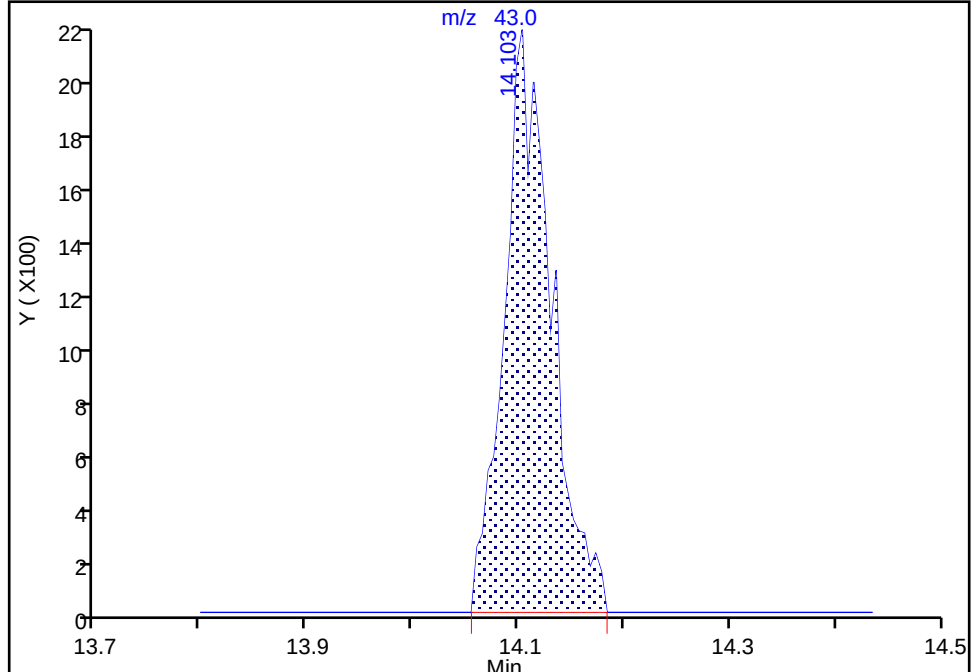
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-005.D
Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

59 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

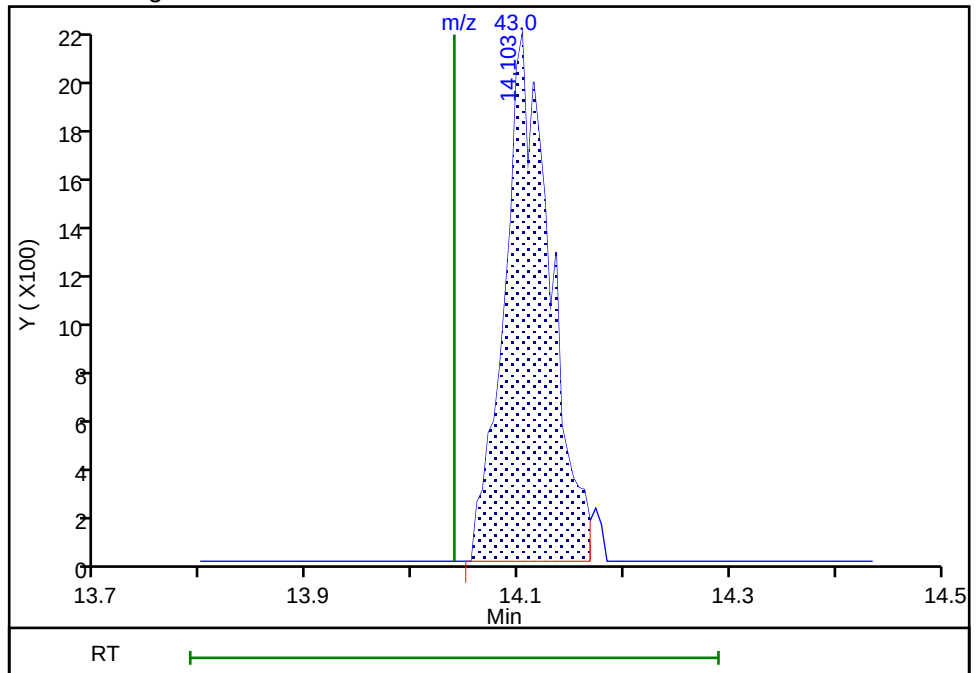
RT: 14.10
Area: 6581
Amount: 0.201159
Amount Units: ppb v/v

Processing Integration Results



RT: 14.10
Area: 6464
Amount: 0.230447
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:54:49

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

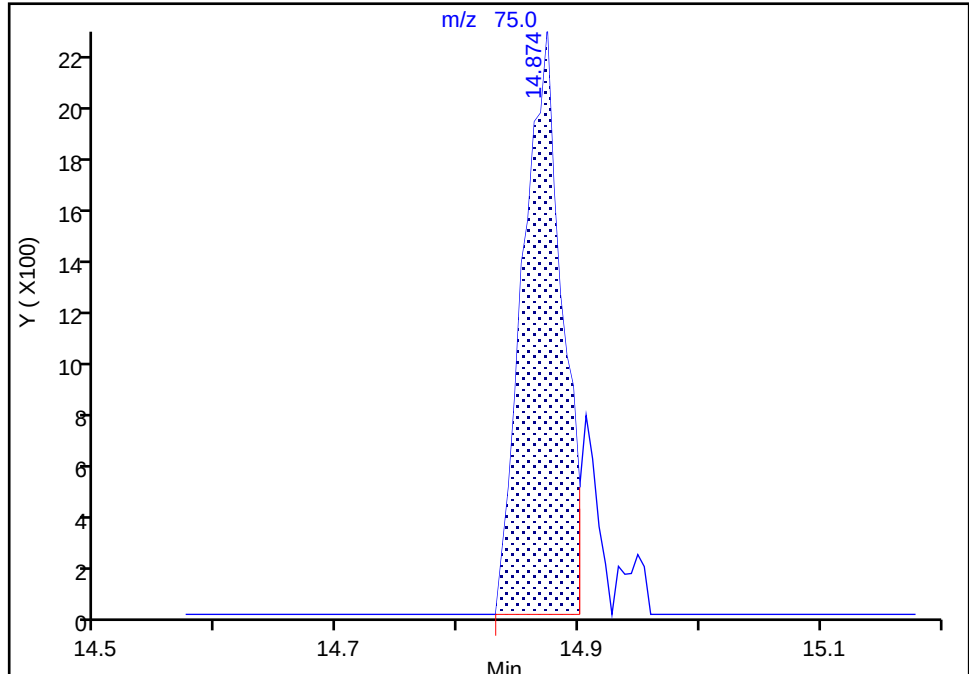
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Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

65 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

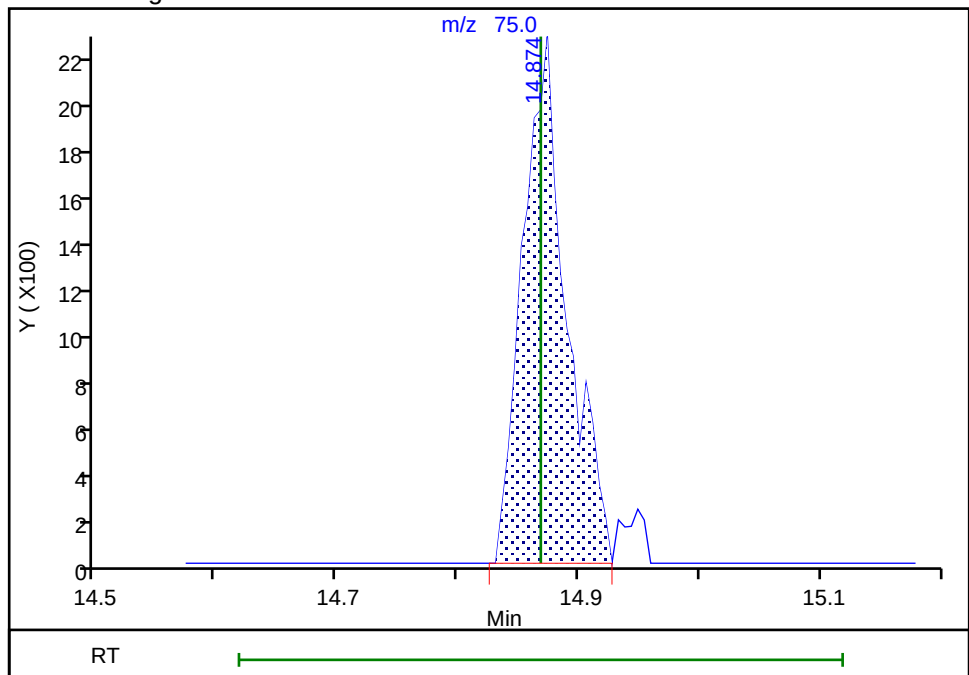
RT: 14.87
Area: 5148
Amount: 0.218830
Amount Units: ppb v/v

Processing Integration Results



RT: 14.87
Area: 5766
Amount: 0.208096
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:55:18

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

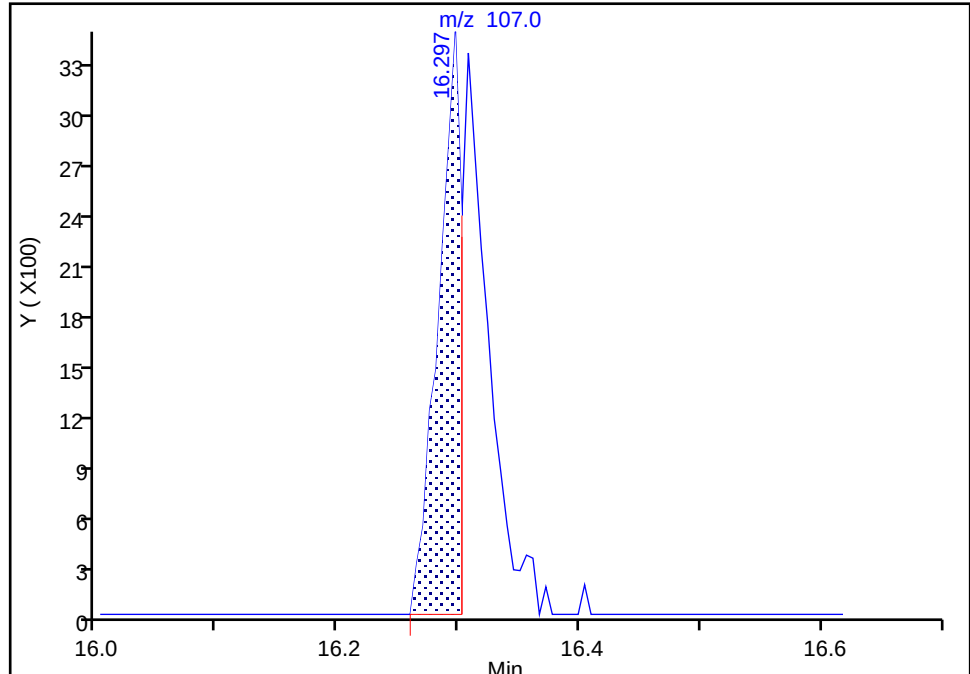
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Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

70 Ethylene Dibromide, CAS: 106-93-4

Signal: 1

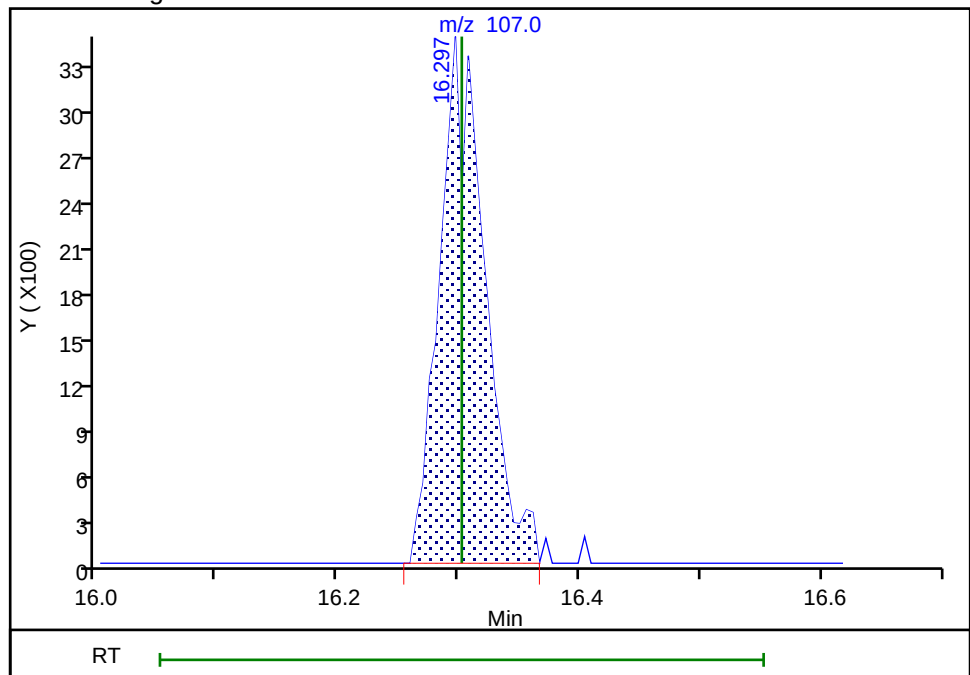
RT: 16.30
Area: 4554
Amount: 0.131170
Amount Units: ppb v/v

Processing Integration Results



RT: 16.30
Area: 8913
Amount: 0.212364
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:55:46

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

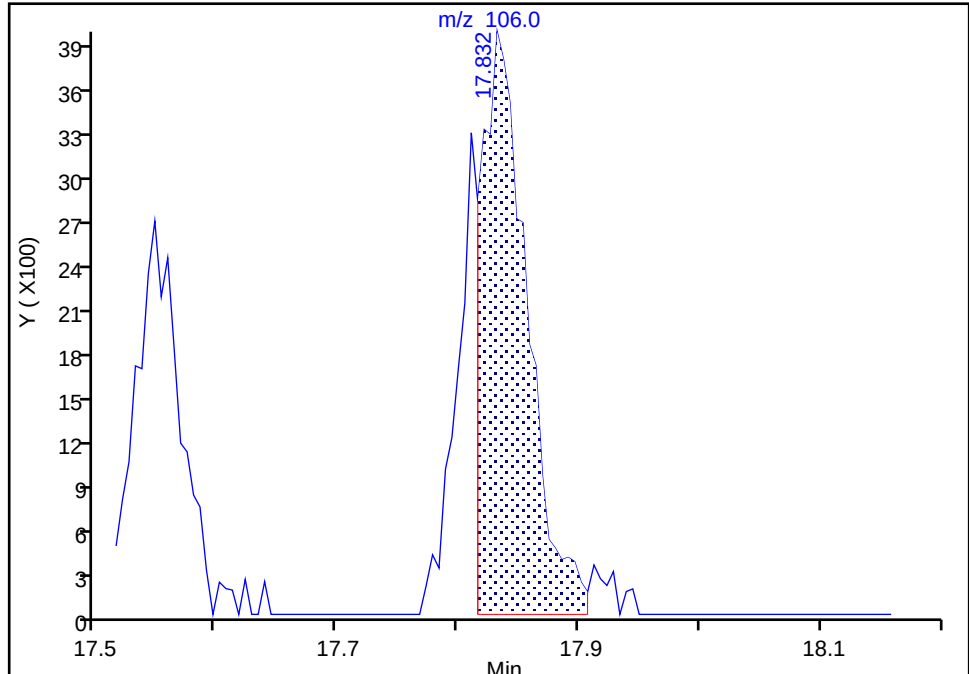
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Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

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

Signal: 1

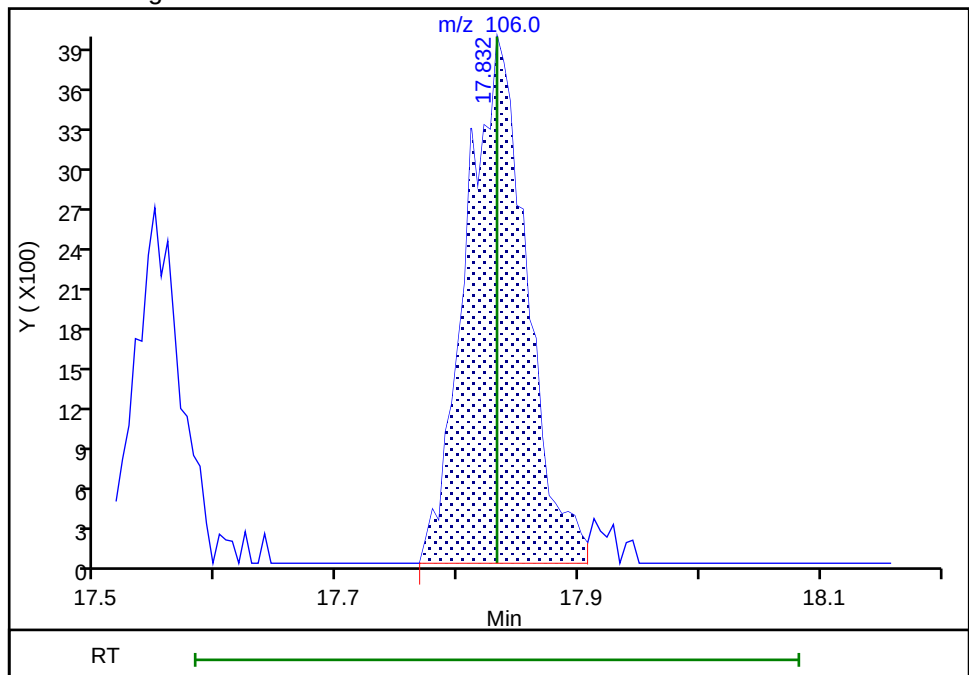
RT: 17.83
Area: 10459
Amount: 0.385429
Amount Units: ppb v/v

Processing Integration Results



RT: 17.83
Area: 13698
Amount: 0.423216
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:56:13

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

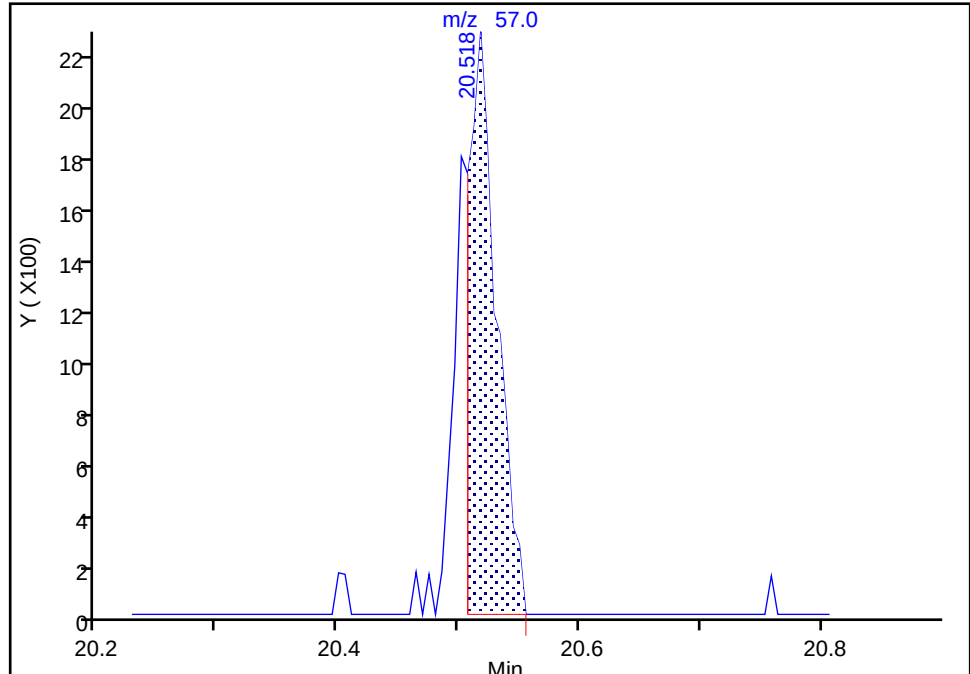
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Injection Date: 21-Nov-2022 17:34:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

87 n-Decane, CAS: 124-18-5

Signal: 1

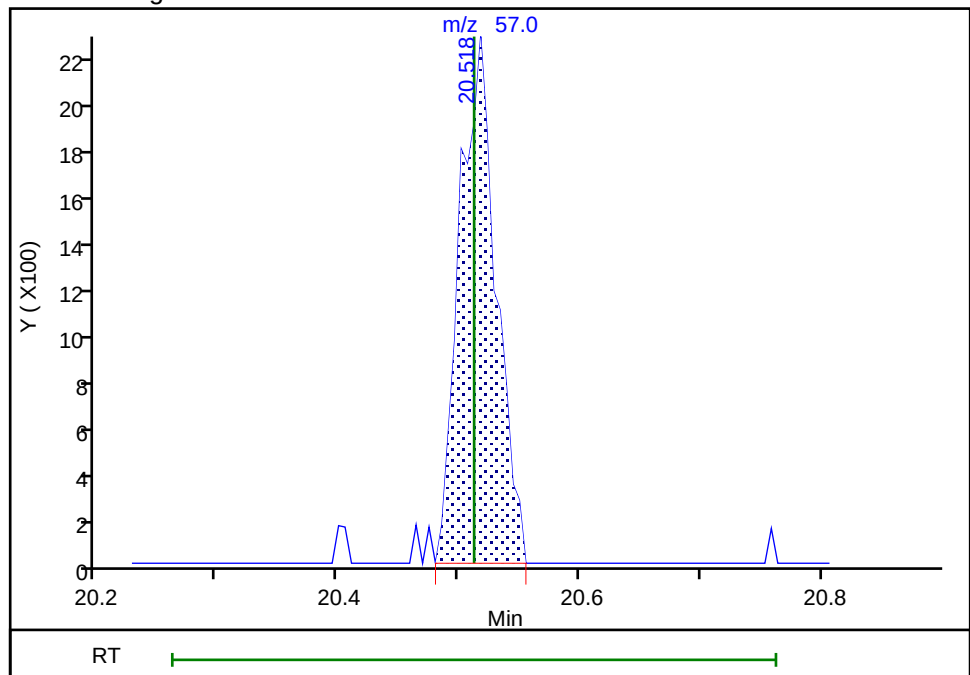
RT: 20.52
Area: 3650
Amount: 0.144065
Amount Units: ppb v/v

Processing Integration Results



RT: 20.52
Area: 4773
Amount: 0.166817
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:57:17

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-006.D
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 21-Nov-2022 18:27:30 ALS Bottle#: 6 Worklist Smp#: 6
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053415-006
 Misc. Info.: ic-3
 Operator ID: vtp Instrument ID: CHG.i
 Sublist: chrom-TO15_MasterMethod_(v1)_G*sub16
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 22-Nov-2022 12:15:01 Calib Date: 21-Nov-2022 21:05:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-009.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1666

First Level Reviewer: bunmaa

Date: 22-Nov-2022 12:15:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.120	3.115	0.005	93	6117	0.5005	0.5948	
2 Dichlorodifluoromethane	85	3.179	3.174	0.005	99	33002	0.5005	0.5078	
3 Chlorodifluoromethane	51	3.201	3.201	0.000	96	13926	0.5005	0.5118	M
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.404	3.399	0.005	89	29099	0.5005	0.5097	
5 Chloromethane	50	3.484	3.479	0.005	96	6280	0.5005	0.5142	
6 Vinyl chloride	62	3.687	3.682	0.005	85	8086	0.5005	0.4988	
7 Butane	43	3.693	3.682	0.011	96	9646	0.5005	0.5592	
8 Butadiene	54	3.773	3.762	0.011	93	5693	0.5005	0.5968	
9 Bromomethane	94	4.276	4.265	0.011	97	10172	0.5005	0.4984	
10 Chloroethane	64	4.469	4.463	0.006	93	3119	0.5005	0.5560	
11 2-Methylbutane	43	4.629	4.618	0.011	86	6340	0.5005	0.5540	
12 Vinyl bromide	106	4.790	4.784	0.006	95	11063	0.5005	0.5324	
13 Trichlorofluoromethane	101	4.913	4.913	0.000	99	31947	0.5005	0.5229	
14 Pentane	43	5.078	5.078	0.000	97	9471	0.5005	0.5756	
15 Ethanol	45	5.271	5.218	0.053	97	20851	5.01	4.50	M
16 Ethyl ether	59	5.485	5.426	0.059	88	3403	0.5005	0.5305	
17 Acrolein	56	5.683	5.635	0.048	10	1360	0.5005	0.4810	M
18 1,1-Dichloroethene	96	5.822	5.817	0.005	98	8605	0.5005	0.4666	
19 1,1,2-Trichloro-1,2,2-trifluoro	101	5.843	5.843	0.000	93	20587	0.5005	0.5171	
21 Acetone	43	5.950	5.886	0.064	99	9770	0.5005	0.6466	M
23 Isopropyl alcohol	45	6.298	6.154	0.144	99	8603	0.5005	0.4771	M
24 Carbon disulfide	76	6.202	6.197	0.006	99	24253	0.5005	0.5423	
25 Acetonitrile	41	6.389	6.357	0.032	81	2684	0.5005	0.5019	
26 3-Chloro-1-propene	41	6.464	6.453	0.011	95	7894	0.5005	0.5634	
27 Methylene Chloride	49	6.667	6.673	-0.006	88	8470	0.5005	0.5658	M
28 2-Methyl-2-propanol	59	7.079	6.897	0.182	94	12735	0.5005	0.5086	
29 Acrylonitrile	53	7.090	7.063	0.027	66	2888	0.5005	0.4984	M
30 trans-1,2-Dichloroethene	61	7.159	7.159	0.000	94	10866	0.5005	0.5180	
31 Methyl tert-butyl ether	73	7.266	7.176	0.090	93	18625	0.5005	0.5290	M
32 Hexane	57	7.657	7.662	-0.005	87	8425	0.5005	0.5310	M

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	7.908	7.908	0.000	97	11859	0.5005	0.5058	M
34 Vinyl acetate	43	7.951	7.924	0.027	99	10963	0.5005	0.4686	
35 2-Butanone (MEK)	72	8.930	8.893	0.037	98	2470	0.5005	0.4678	M
36 cis-1,2-Dichloroethene	96	8.898	8.898	0.000	90	9260	0.5005	0.5576	M
37 Ethyl acetate	88	9.000	8.978	0.022	92	136	0.5005	0.1601	M
* 38 Chlorobromomethane	128	9.321	9.315	0.006	74	199925	10.0	10.0	
39 Tetrahydrofuran	42	9.471	9.385	0.086	33	5012	0.5005	0.5039	M
40 Chloroform	83	9.497	9.503	-0.006	99	22231	0.5005	0.5270	
S 41 1,2-Dichloroethene, Total	61				0		1.00	1.08	
42 1,1,1-Trichloroethane	97	9.829	9.824	0.005	97	24841	0.5005	0.4979	
43 Cyclohexane	84	9.973	9.968	0.005	90	10661	0.5005	0.5141	
44 Carbon tetrachloride	117	10.118	10.118	0.000	97	25443	0.5005	0.4824	
45 Benzene	78	10.498	10.492	0.006	93	28872	0.5005	0.5690	
46 1,2-Dichloroethane	62	10.578	10.573	0.005	98	12919	0.5005	0.5145	
47 Isooctane	57	10.738	10.738	0.000	98	36312	0.5005	0.5244	
48 n-Heptane	43	11.097	11.086	0.011	92	13067	0.5005	0.5184	
* 49 1,4-Difluorobenzene	114	11.311	11.311	0.000	93	932297	10.0	10.0	
50 n-Butanol	56	11.739	11.648	0.091	86	5804	0.5005	0.5709	
51 Trichloroethene	95	11.792	11.792	0.000	96	18839	0.5005	0.5123	
53 1,2-Dichloropropane	63	12.311	12.306	0.005	82	8593	0.5005	0.4994	M
54 Methyl methacrylate	69	12.461	12.434	0.027	91	7358	0.5005	0.4927	
55 Dibromomethane	174	12.472	12.477	-0.005	89	22807	0.5005	0.5052	
56 1,4-Dioxane	88	12.600	12.477	0.123	69	4640	0.5005	0.4061	M
58 Dichlorobromomethane	83	12.825	12.825	0.000	98	25316	0.5005	0.4855	
59 cis-1,3-Dichloropropene	75	13.718	13.713	0.005	91	17508	0.5005	0.5013	
60 4-Methyl-2-pentanone (MIBK)	43	14.098	14.039	0.059	91	15284	0.5005	0.4884	
63 Toluene	92	14.419	14.414	0.005	94	21029	0.5005	0.5308	
A 62 Toluene Range	92	14.414	(14.374-14.454)		0	81684	NC	NC	
64 n-Octane	43	14.708	14.697	0.011	84	17089	0.5005	0.4932	
A 65 C8 Range	1	14.697	(14.647-14.747)		0	70959	NC	NC	
66 trans-1,3-Dichloropropene	75	14.874	14.868	0.006	95	15386	0.5005	0.4977	M
67 1,1,2-Trichloroethane	83	15.275	15.270	0.005	95	11016	0.5005	0.5384	
68 Tetrachloroethene	166	15.478	15.478	0.000	95	30249	0.5005	0.5226	
69 2-Hexanone	43	15.794	15.740	0.054	95	14019	0.5005	0.4839	
70 Chlorodibromomethane	129	16.045	16.051	-0.006	97	30355	0.5005	0.4834	
71 Ethylene Dibromide	107	16.307	16.302	0.005	99	22432	0.5005	0.5030	
* 72 Chlorobenzene-d5	117	17.276	17.276	0.000	83	873376	10.0	10.0	
73 Chlorobenzene	112	17.340	17.340	0.000	97	33138	0.5005	0.5302	
74 Ethylbenzene	91	17.554	17.549	0.005	98	46700	0.5005	0.5377	
75 m-Xylene & p-Xylene	106	17.827	17.832	-0.005	0	33709	1.00	0.9802	
76 n-Nonane	57	17.912	17.912	0.000	84	13799	0.5005	0.4779	
77 o-Xylene	106	18.640	18.645	-0.005	96	18563	0.5005	0.5187	
78 Styrene	104	18.677	18.677	0.000	95	25165	0.5005	0.4744	
79 Bromoform	173	19.041	19.046	-0.005	98	35158	0.5005	0.4722	
80 Isopropylbenzene	105	19.400	19.400	0.000	95	48367	0.5005	0.5142	
S 81 Xylenes, Total	106				0		1.50	1.50	
82 1,1,2,2-Tetrachloroethane	83	19.956	19.951	0.005	99	27243	0.5005	0.5221	
83 1,2,3-Trichloropropane	75	20.052	20.052	0.000	96	22815	0.5005	0.5751	
84 N-Propylbenzene	91	20.159	20.165	-0.006	99	52839	0.5005	0.5027	
85 2-Chlorotoluene	91	20.304	20.309	-0.005	95	37139	0.5005	0.5182	
86 4-Ethyltoluene	105	20.373	20.368	0.005	98	44064	0.5005	0.4869	
87 1,3,5-Trimethylbenzene	105	20.475	20.475	0.000	95	37267	0.5005	0.4842	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
88 n-Decane	57	20.512	20.512	0.000	94	12389	0.5005	0.4075	
89 Alpha Methyl Styrene	118	20.812	20.812	0.000	88	19981	0.5005	0.4704	
90 tert-Butylbenzene	119	20.978	20.972	0.006	93	38773	0.5005	0.5196	
91 1,2,4-Trimethylbenzene	105	21.063	21.063	0.000	97	41216	0.5005	0.5166	
92 sec-Butylbenzene	105	21.309	21.309	0.000	99	53728	0.5005	0.4993	
93 1,3-Dichlorobenzene	146	21.481	21.481	0.000	95	37245	0.5005	0.5115	
94 4-Isopropyltoluene	119	21.534	21.534	0.000	97	45391	0.5005	0.4872	
95 1,4-Dichlorobenzene	146	21.625	21.625	0.000	97	37428	0.5005	0.5089	
96 Benzyl chloride	91	21.780	21.780	0.000	99	37626	0.5005	0.4869	
97 n-Butylbenzene	91	22.101	22.101	0.000	98	38897	0.5005	0.4896	
98 1,2-Dichlorobenzene	146	22.128	22.123	0.005	98	36973	0.5005	0.5159	
99 Undecane	57	22.262	22.262	0.000	91	9414	0.5005	0.2970	
100 Dodecane	57	23.861	23.861	0.000	96	9361	0.5005	0.3631	M
101 1,2,4-Trichlorobenzene	180	24.589	24.589	0.000	93	33862	0.5005	0.4856	
102 Hexachlorobutadiene	225	24.846	24.840	0.006	94	32220	0.5005	0.4793	
103 Naphthalene	128	25.070	25.070	0.000	99	58600	0.5005	0.4705	
104 1,2,3-Trichlorobenzene	180	25.482	25.482	0.000	95	31391	0.5005	0.5263	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL2w_00325

Amount Added: 200.00

Units: mL

ATTO15GIS_00019

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 22-Nov-2022 07:28:43

Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-006.D

Injection Date: 21-Nov-2022 18:27:30

Instrument ID: CHG.i

Operator ID: vtp

Lims ID: ic

Worklist Smp#: 6

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

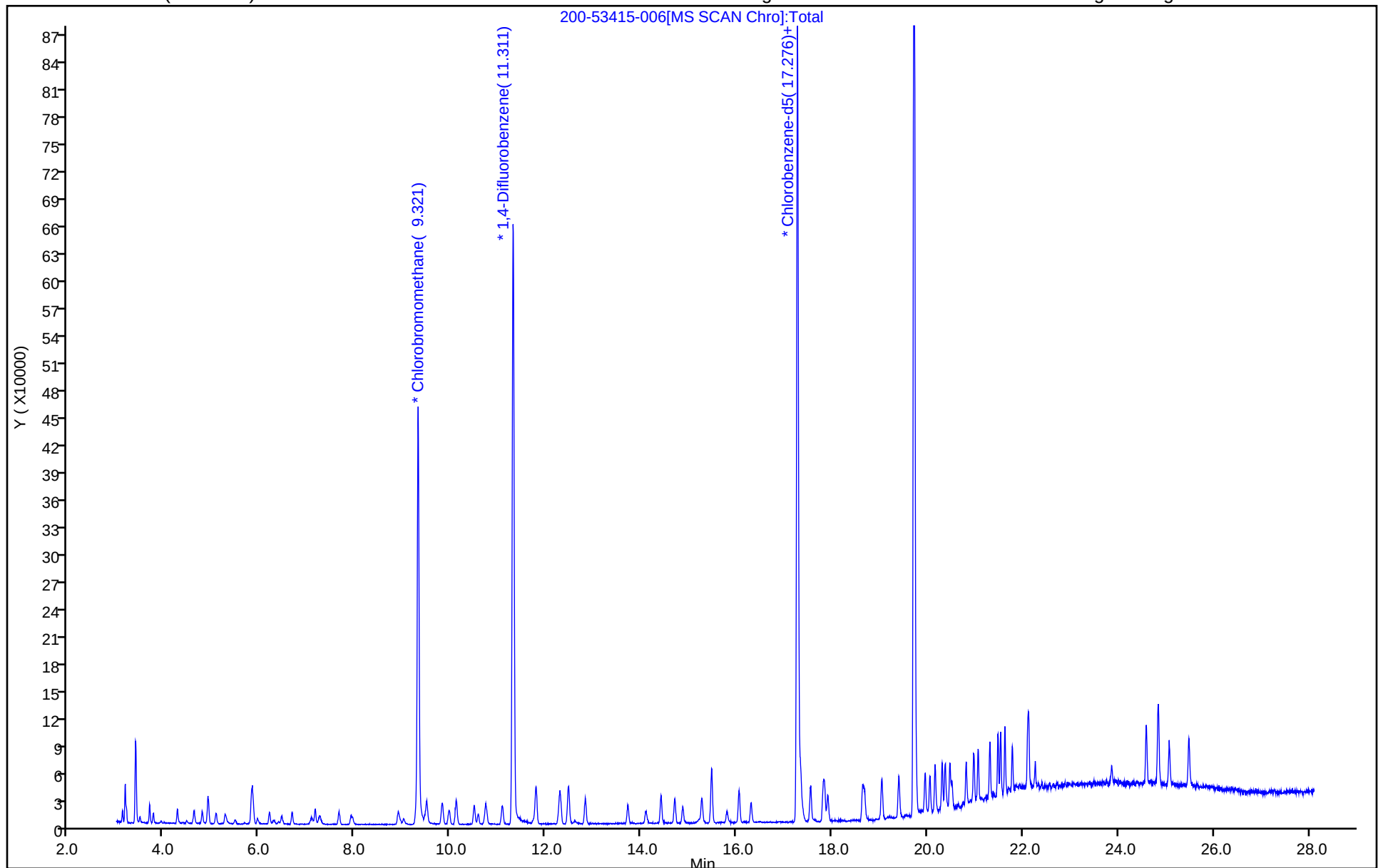
ALS Bottle#: 6

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

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



Eurofins Burlington

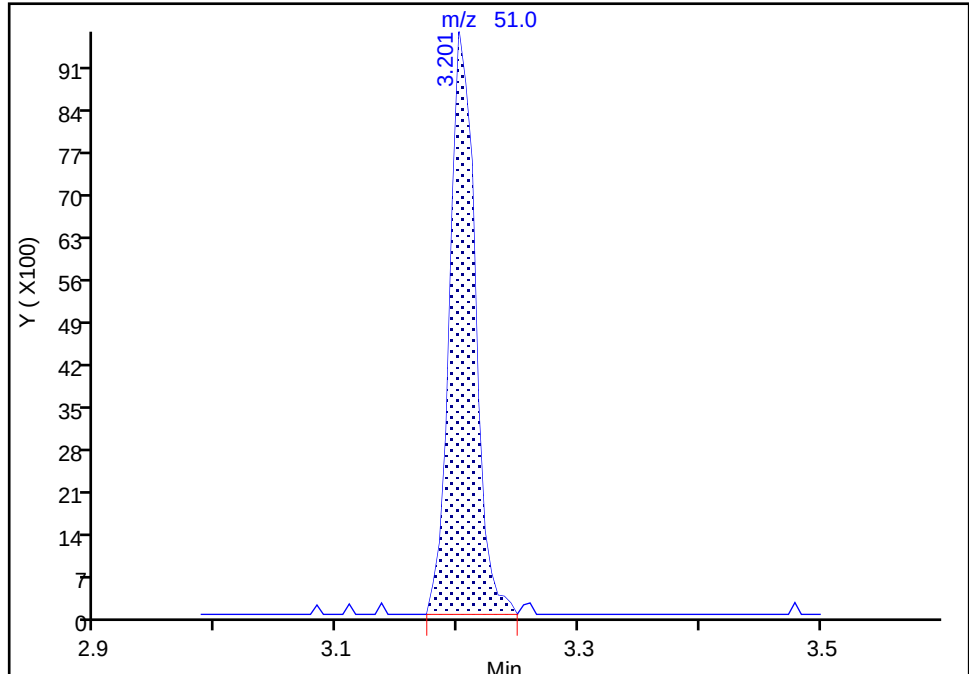
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-006.D
Injection Date: 21-Nov-2022 18:27:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

3 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

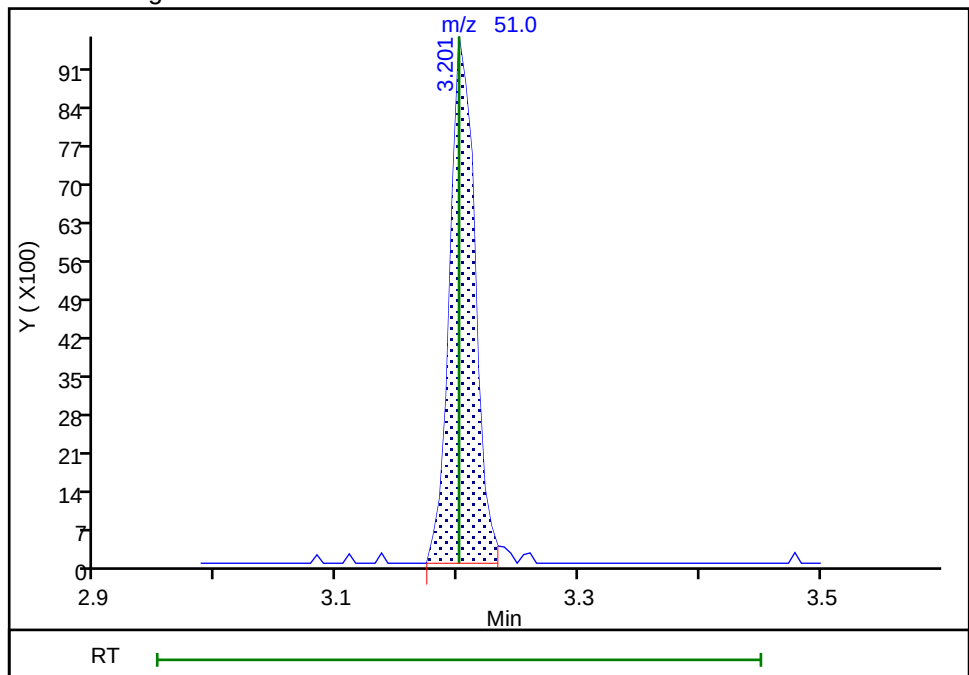
RT: 3.20
Area: 14078
Amount: 0.497307
Amount Units: ppb v/v

Processing Integration Results



RT: 3.20
Area: 13926
Amount: 0.511847
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 12:03:55

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-006.D

Injection Date: 21-Nov-2022 18:27:30

Instrument ID: CHG.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_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

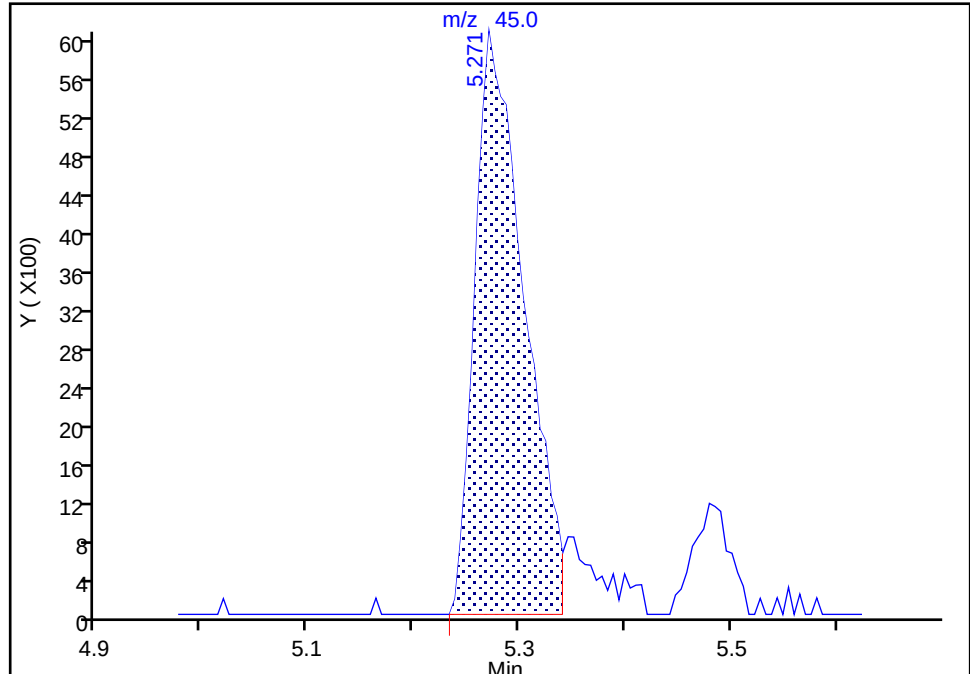
Detector: MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

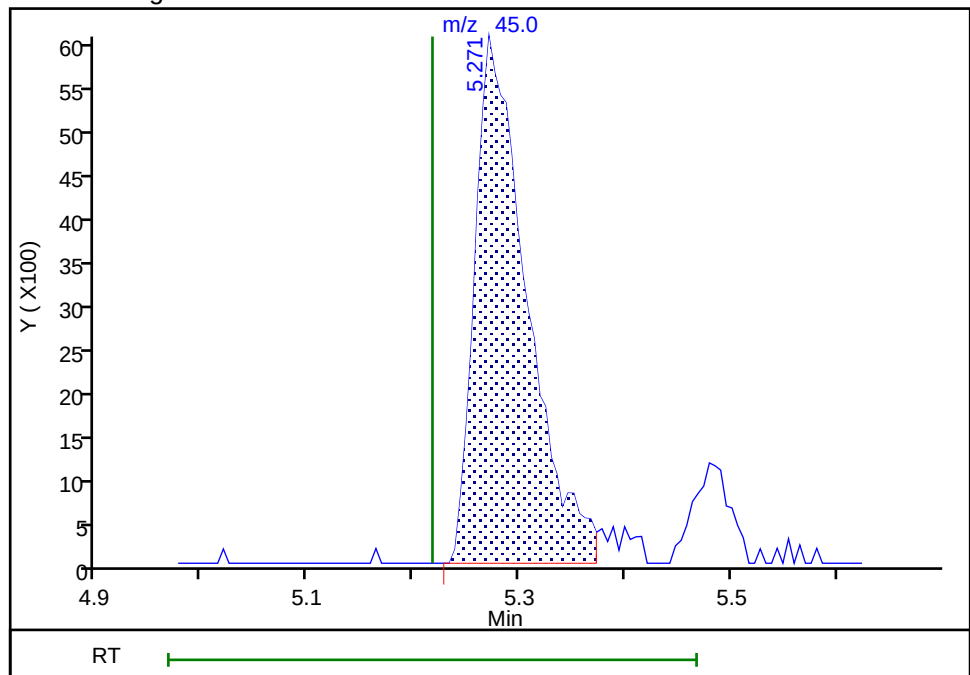
RT: 5.27
Area: 19701
Amount: 4.210199
Amount Units: ppb v/v

Processing Integration Results



RT: 5.27
Area: 20851
Amount: 4.504441
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 12:05:13

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

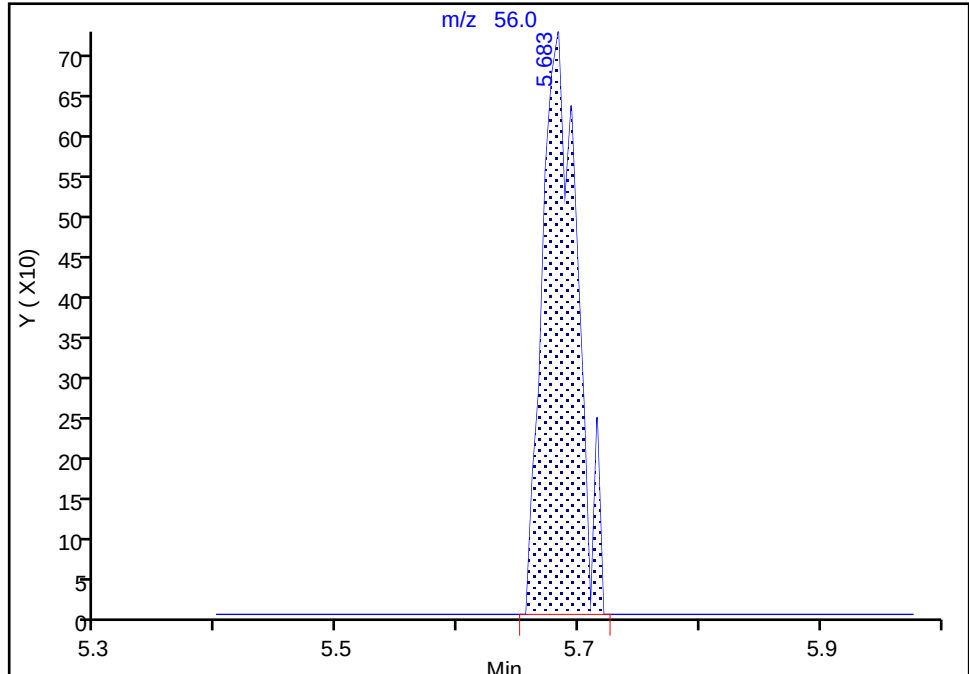
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-006.D
Injection Date: 21-Nov-2022 18:27:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

17 Acrolein, CAS: 107-02-8

Signal: 1

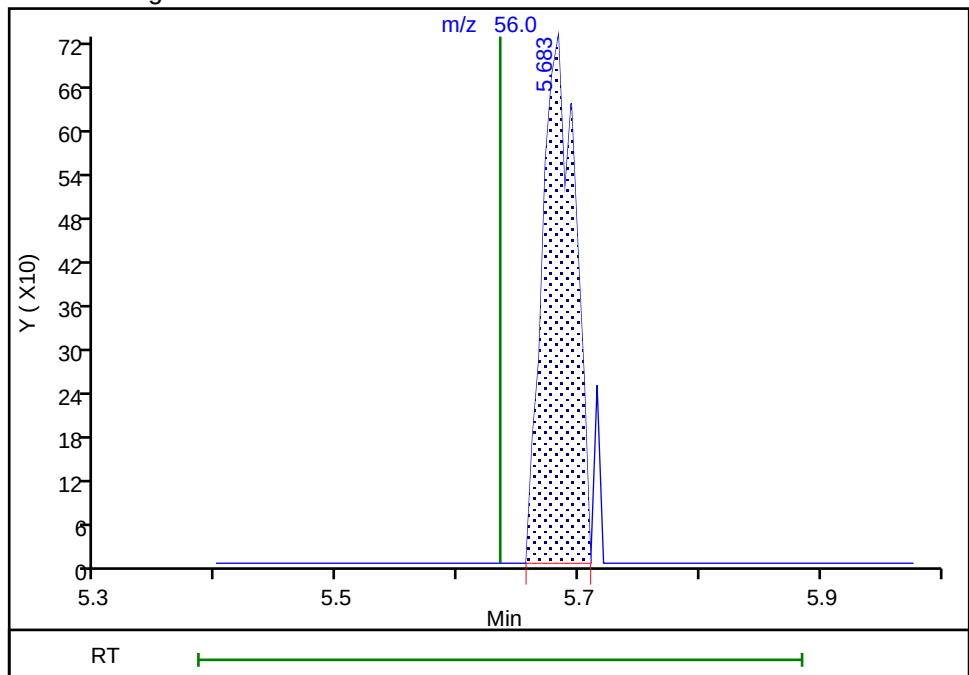
RT: 5.68
Area: 1438
Amount: 0.520362
Amount Units: ppb v/v

Processing Integration Results



RT: 5.68
Area: 1360
Amount: 0.481039
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 12:05:36

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

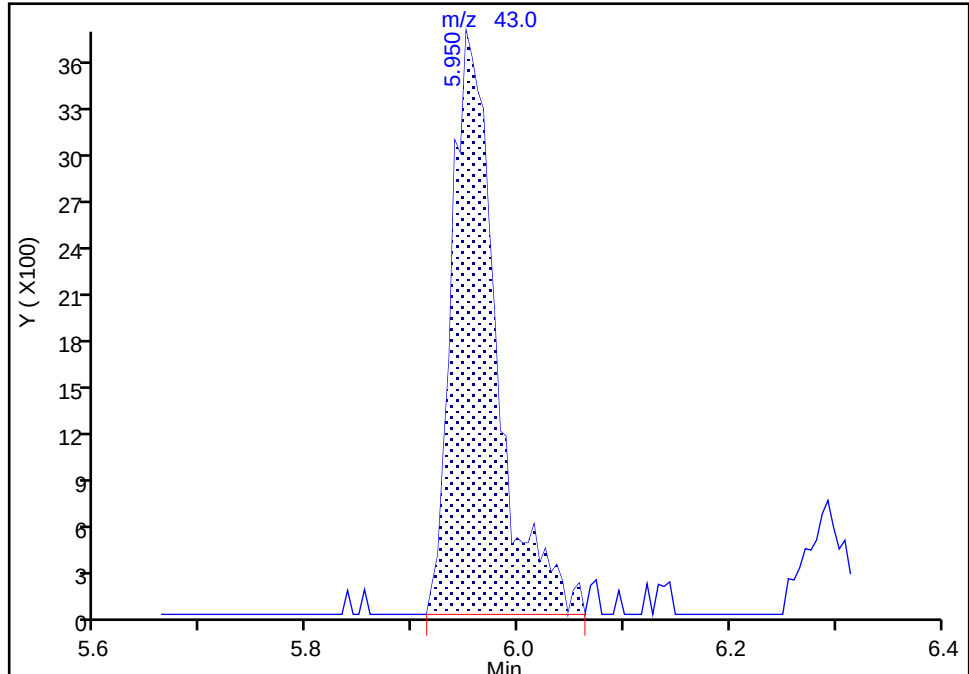
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-006.D
Injection Date: 21-Nov-2022 18:27:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

21 Acetone, CAS: 67-64-1

Signal: 1

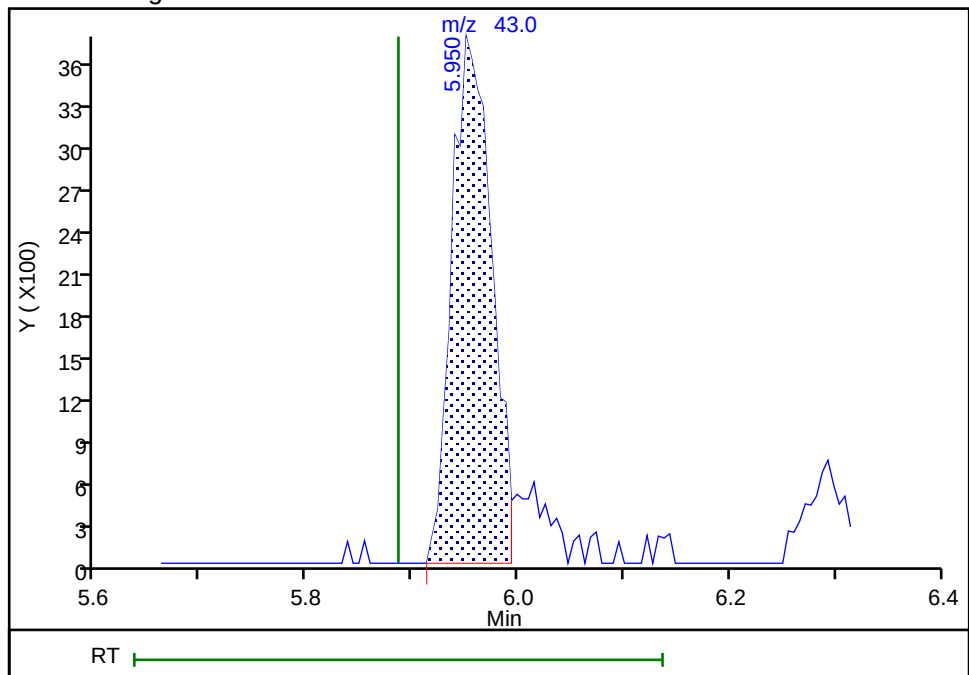
RT: 5.95
Area: 11019
Amount: 0.404602
Amount Units: ppb v/v

Processing Integration Results



RT: 5.95
Area: 9770
Amount: 0.646582
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 12:06:25

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

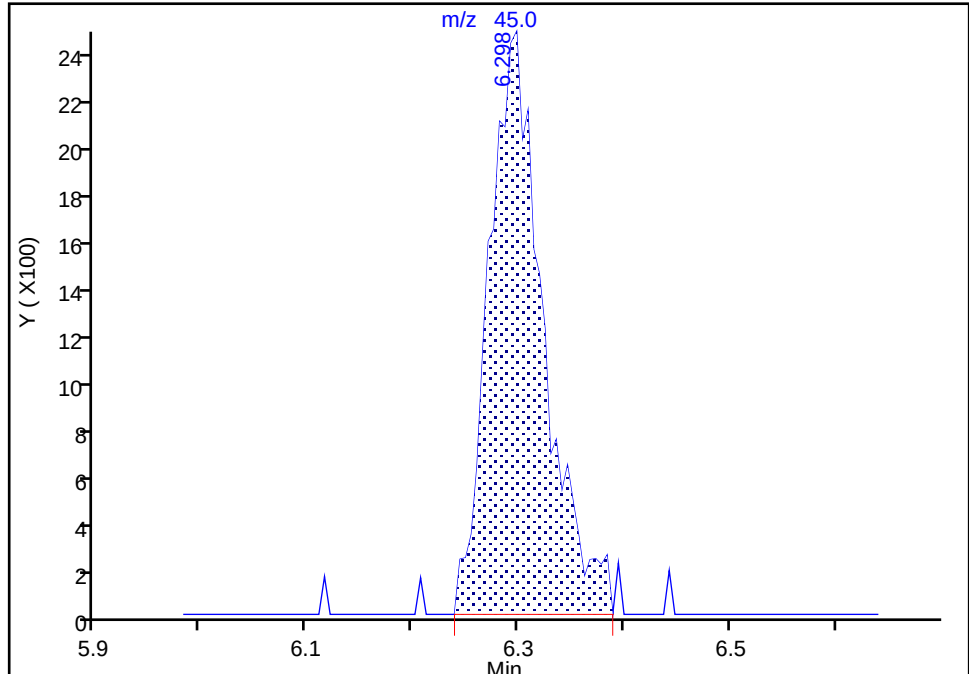
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-006.D
Injection Date: 21-Nov-2022 18:27:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

23 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

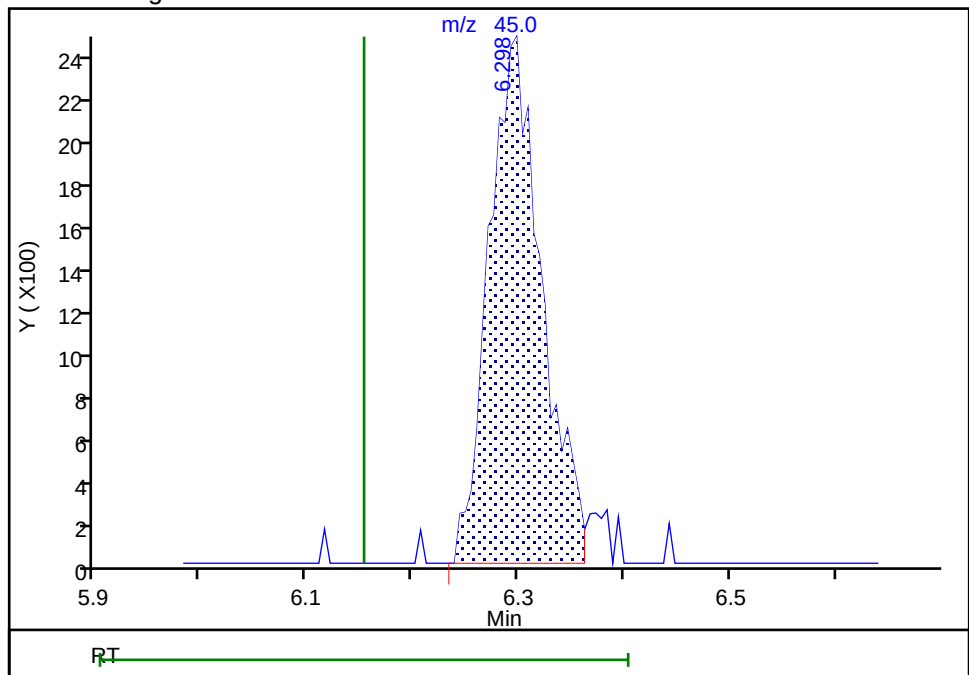
RT: 6.30
Area: 8902
Amount: 0.425332
Amount Units: ppb v/v

Processing Integration Results



RT: 6.30
Area: 8603
Amount: 0.477119
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 12:06:49
Audit Action: Manually Integrated

Audit Reason: Assign Peak
Page 482 of 981

12/8/2022 3:46
PM

Eurofins Burlington

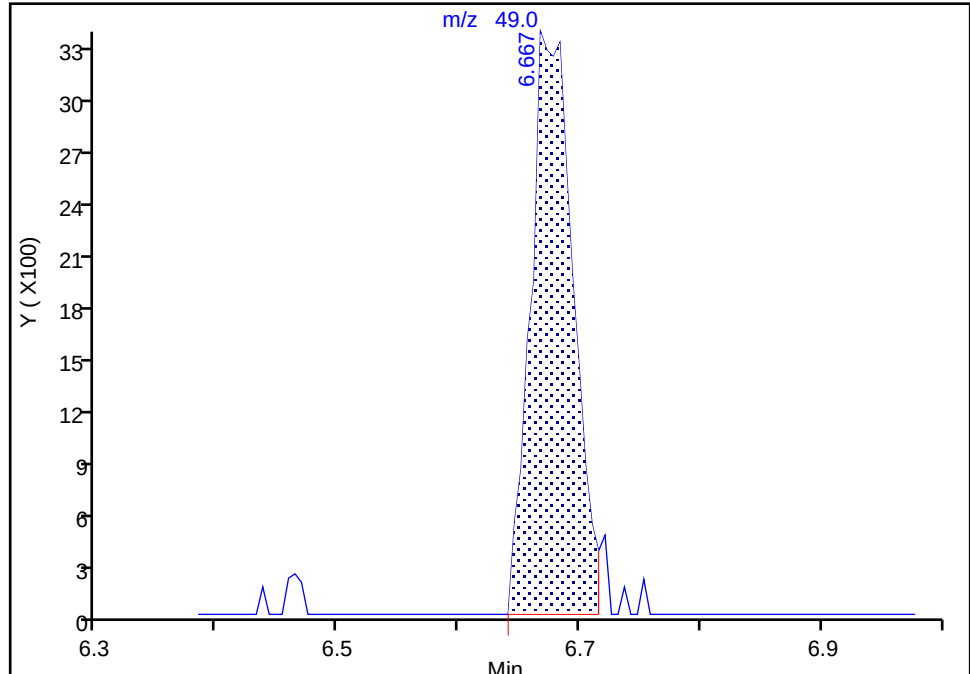
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-006.D
Injection Date: 21-Nov-2022 18:27:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

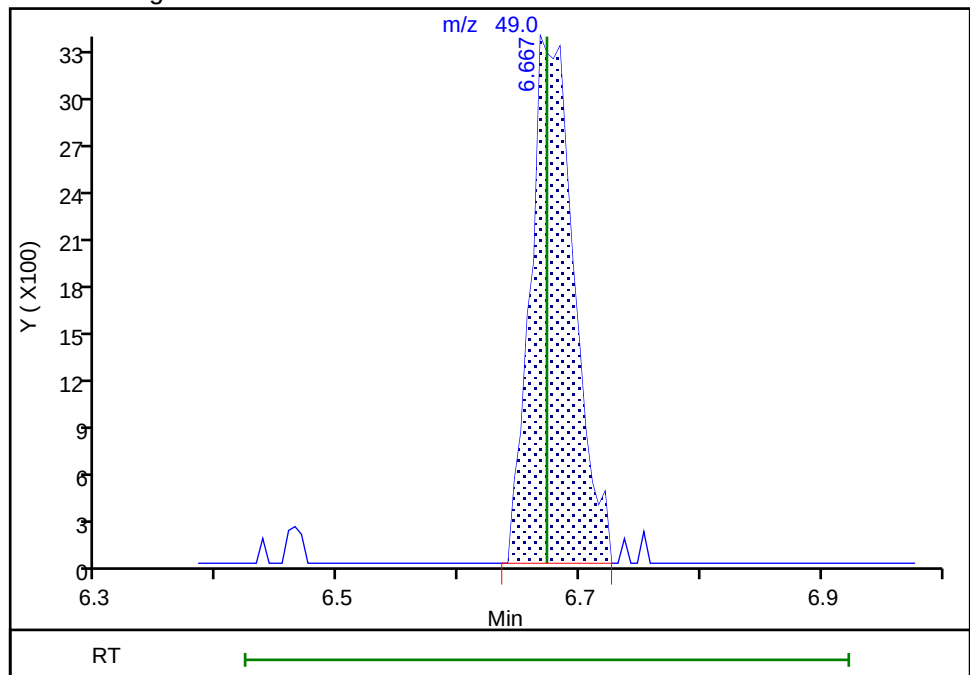
RT: 6.67
Area: 8322
Amount: 0.438582
Amount Units: ppb v/v

Processing Integration Results



RT: 6.67
Area: 8470
Amount: 0.565817
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 12:07:22

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

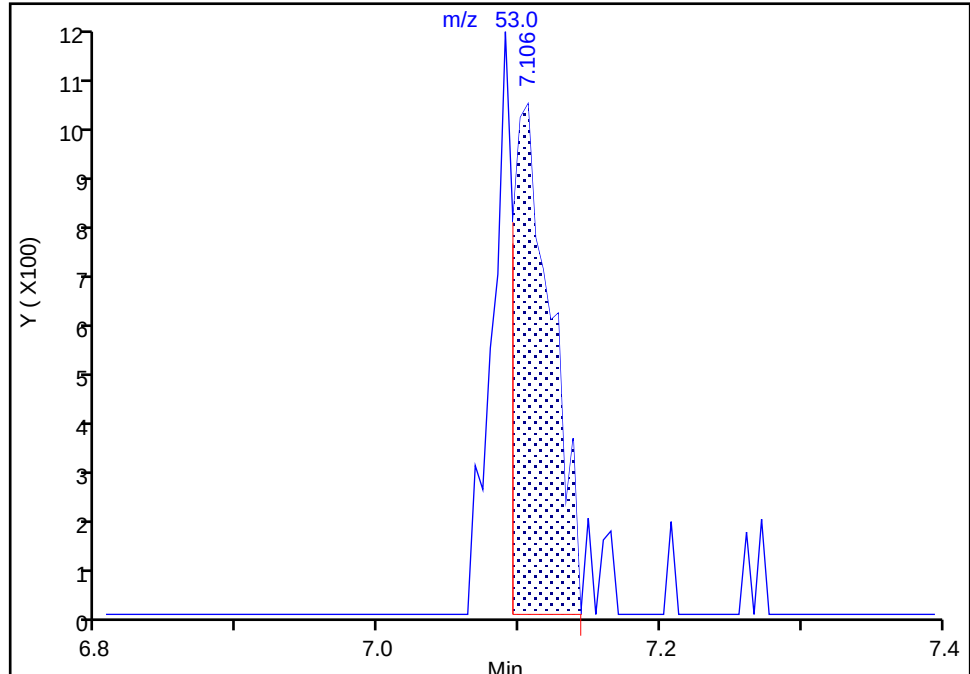
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Injection Date: 21-Nov-2022 18:27:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

29 Acrylonitrile, CAS: 107-13-1

Signal: 1

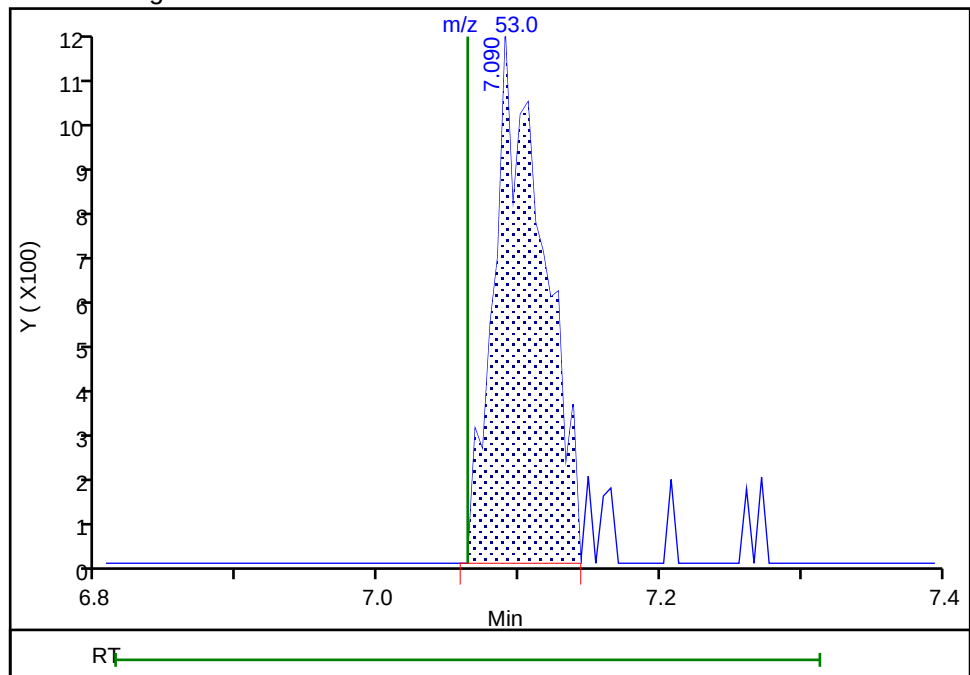
RT: 7.11
Area: 1941
Amount: 0.350582
Amount Units: ppb v/v

Processing Integration Results



RT: 7.09
Area: 2888
Amount: 0.498377
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 12:07:50

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

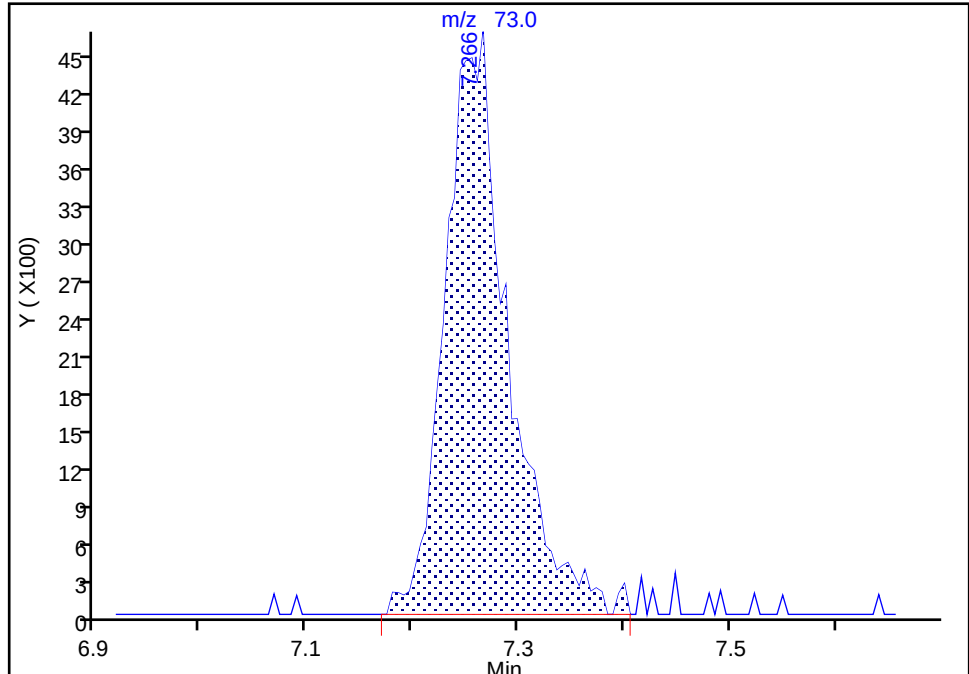
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-006.D
Injection Date: 21-Nov-2022 18:27:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

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

Signal: 1

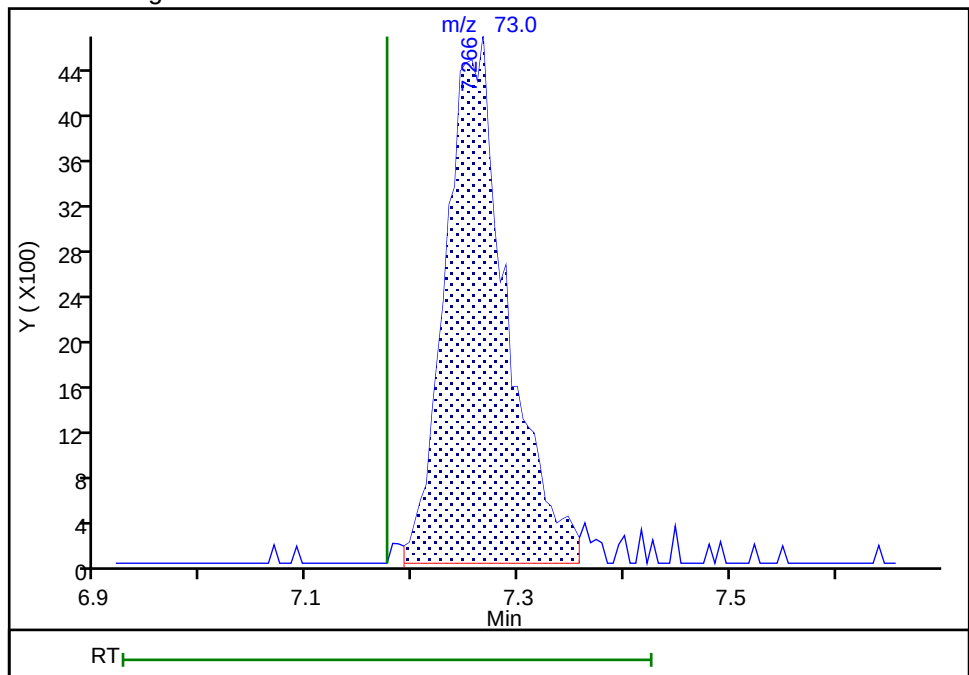
RT: 7.27
Area: 19165
Amount: 0.620514
Amount Units: ppb v/v

Processing Integration Results



RT: 7.27
Area: 18625
Amount: 0.529005
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 12:08:15

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

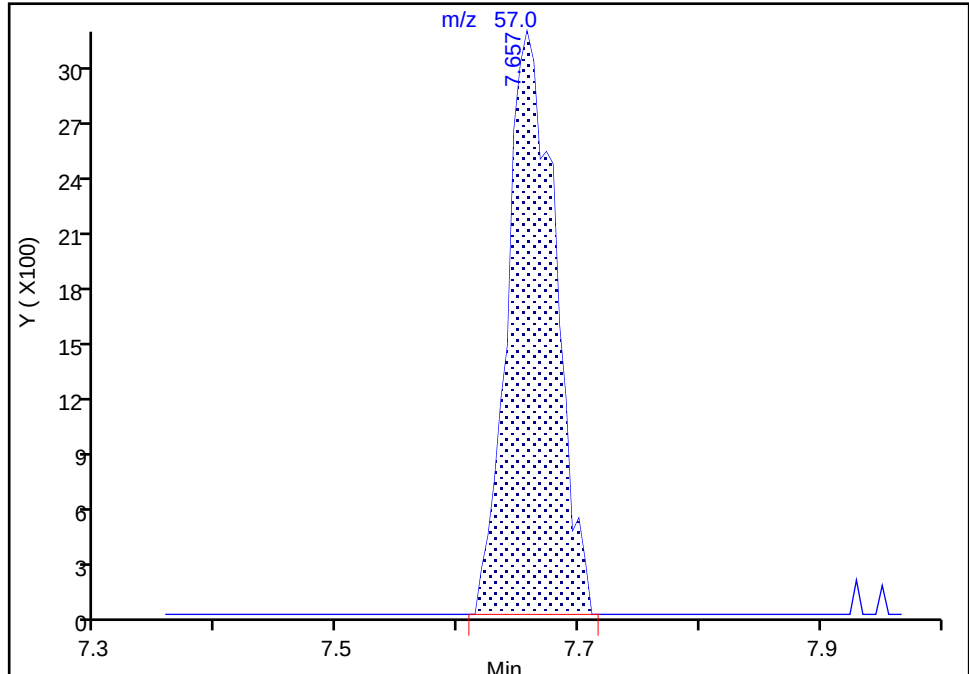
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-006.D
Injection Date: 21-Nov-2022 18:27:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

32 Hexane, CAS: 110-54-3

Signal: 1

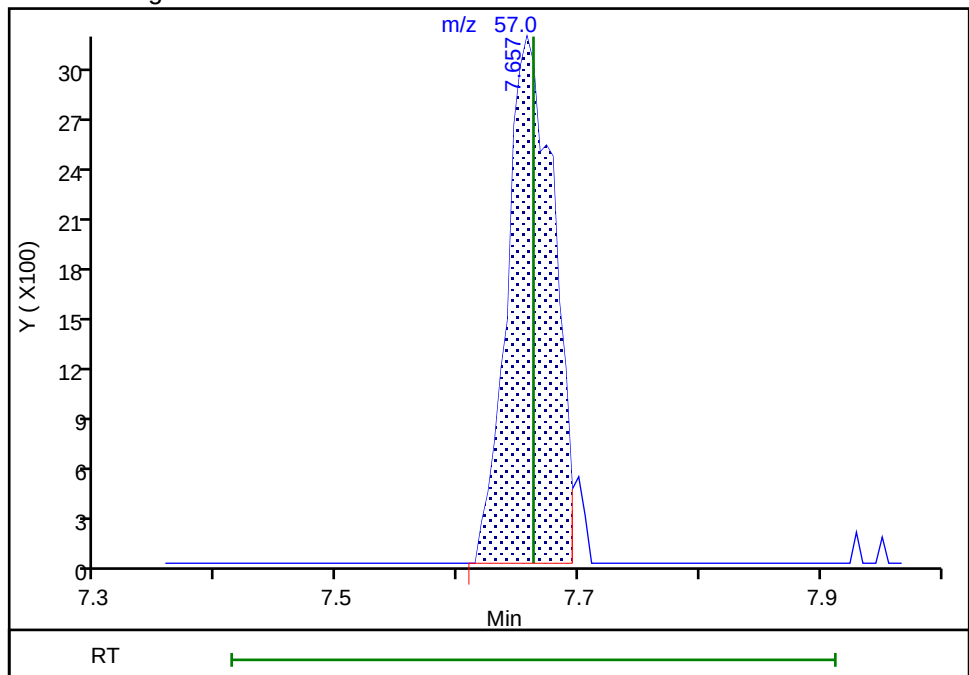
RT: 7.66
Area: 8682
Amount: 0.559948
Amount Units: ppb v/v

Processing Integration Results



RT: 7.66
Area: 8425
Amount: 0.530967
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 12:08:32

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

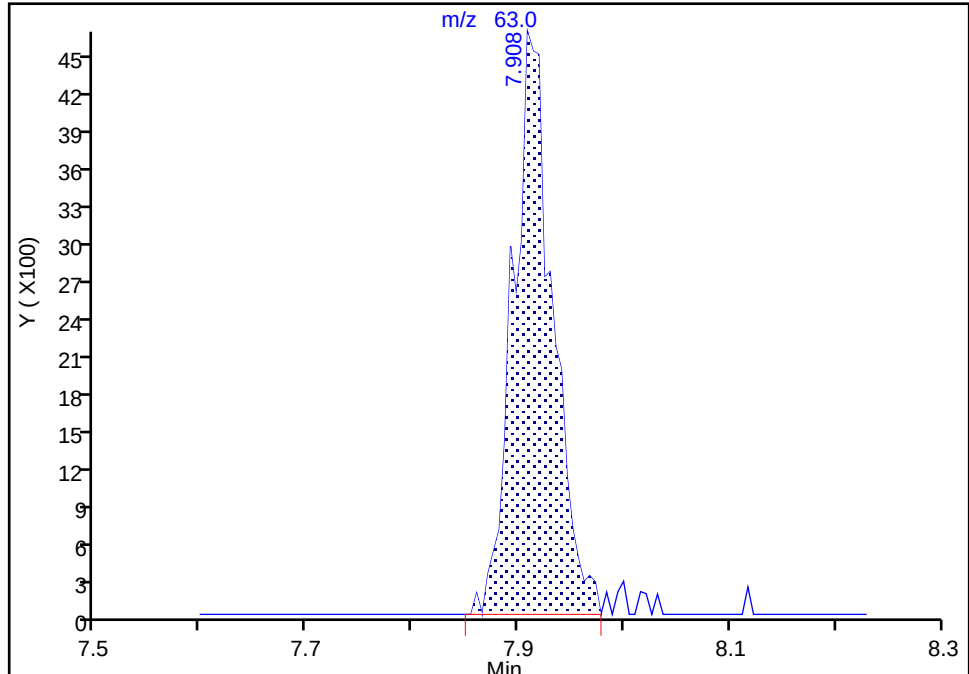
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-006.D
Injection Date: 21-Nov-2022 18:27:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

33 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

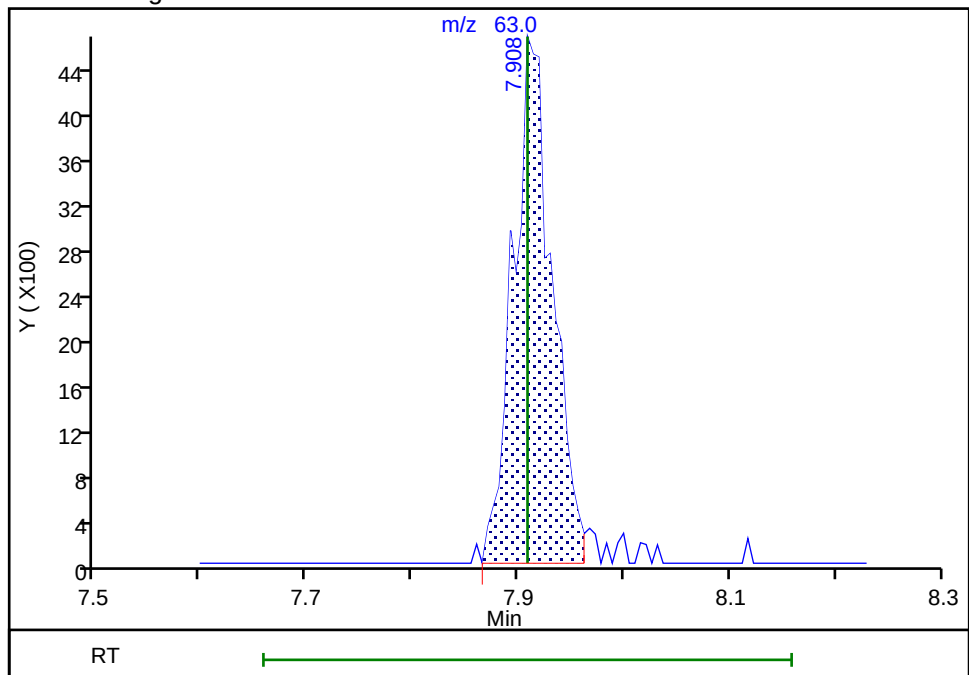
RT: 7.91
Area: 12094
Amount: 0.502937
Amount Units: ppb v/v

Processing Integration Results



RT: 7.91
Area: 11859
Amount: 0.505793
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 12:08:48

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

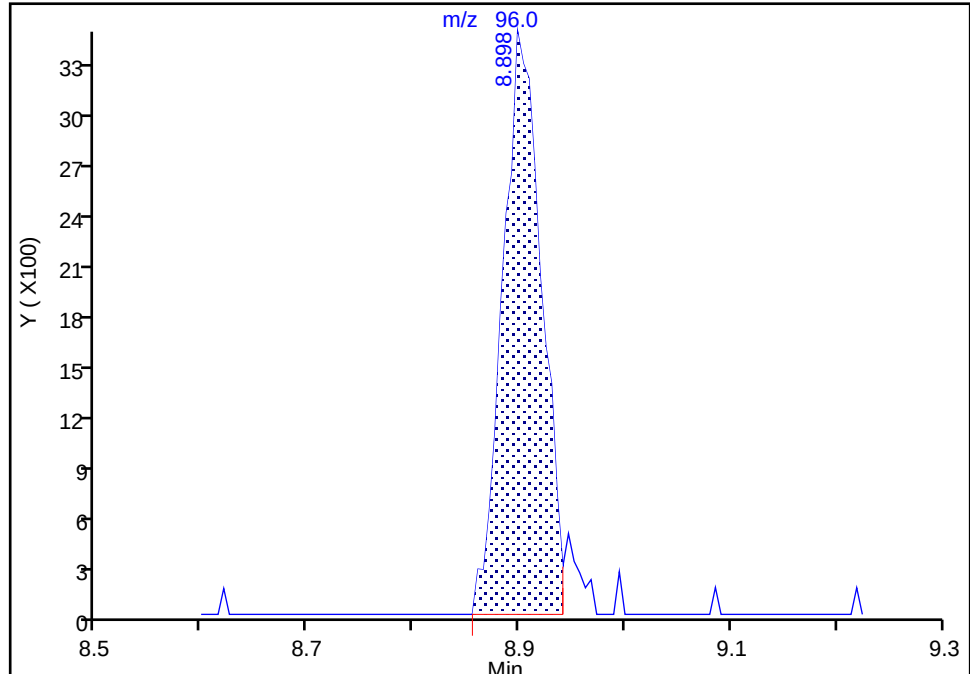
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Injection Date: 21-Nov-2022 18:27:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

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

Signal: 1

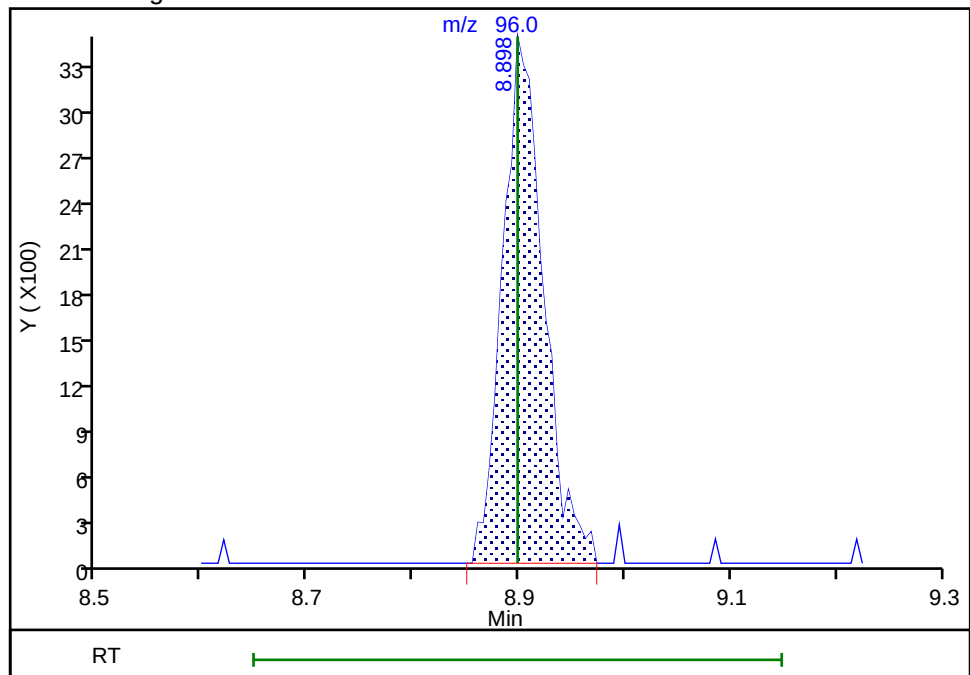
RT: 8.90
Area: 8813
Amount: 0.538067
Amount Units: ppb v/v

Processing Integration Results



RT: 8.90
Area: 9260
Amount: 0.557627
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 12:09:52

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-006.D

Injection Date: 21-Nov-2022 18:27:30

Instrument ID: CHG.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_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

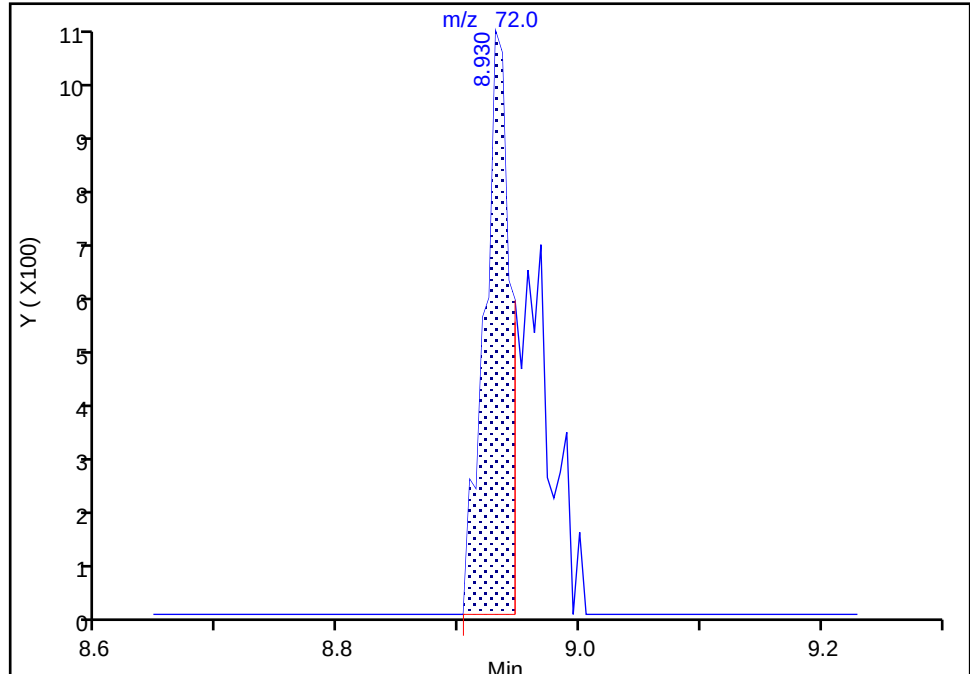
Detector: MS SCAN

35 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

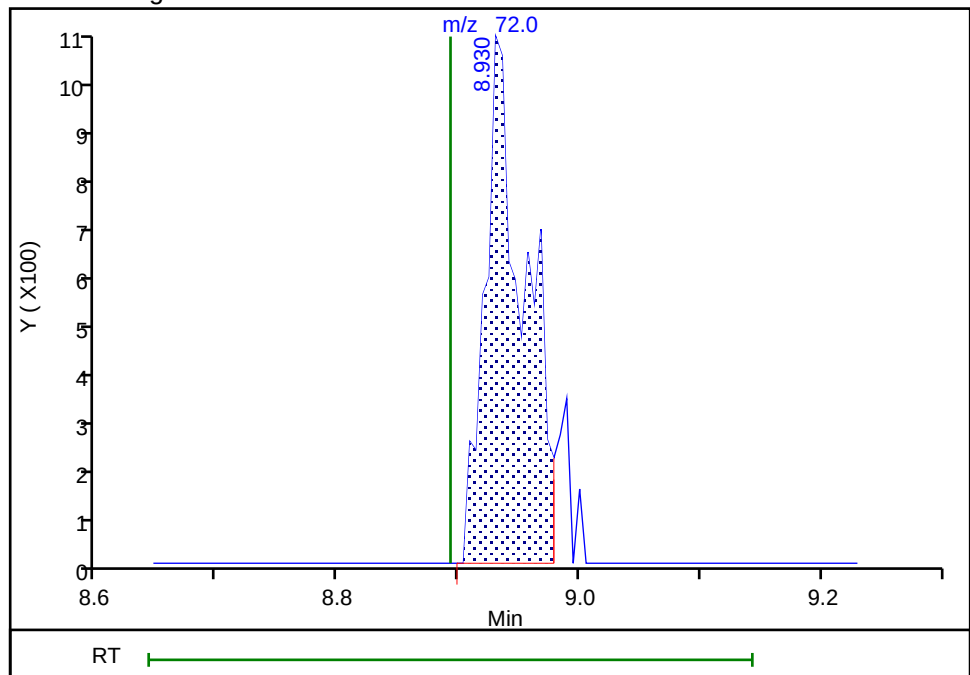
RT: 8.93
Area: 1582
Amount: 0.311496
Amount Units: ppb v/v

Processing Integration Results



RT: 8.93
Area: 2470
Amount: 0.467812
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 12:09:17

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

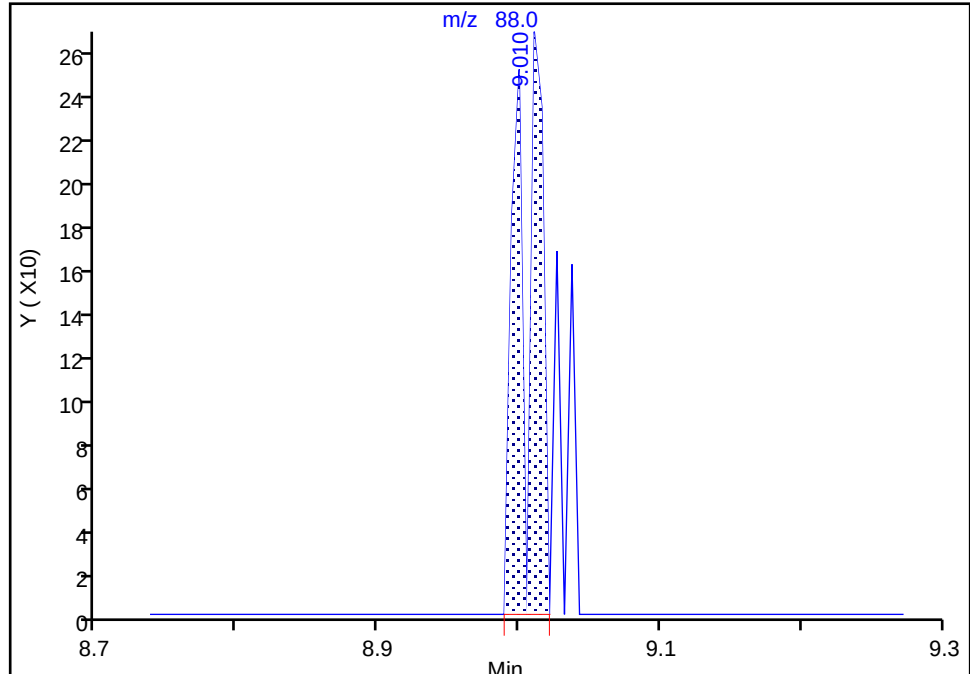
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-006.D
Injection Date: 21-Nov-2022 18:27:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

37 Ethyl acetate, CAS: 141-78-6

Signal: 1

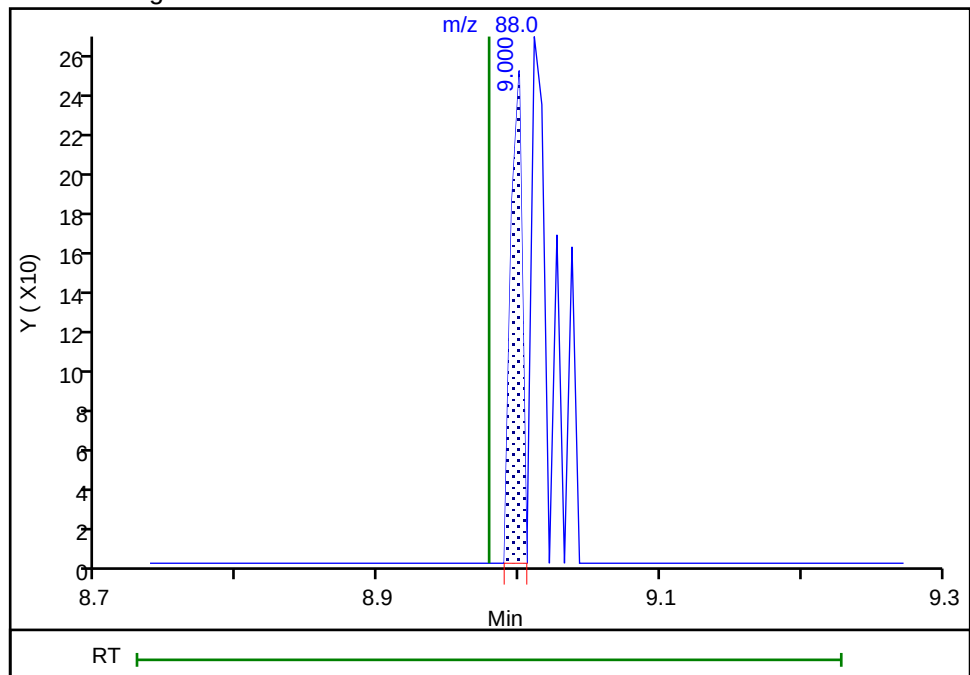
RT: 9.01
Area: 294
Amount: 0.362788
Amount Units: ppb v/v

Processing Integration Results



RT: 9.00
Area: 136
Amount: 0.160115
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 12:10:08

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

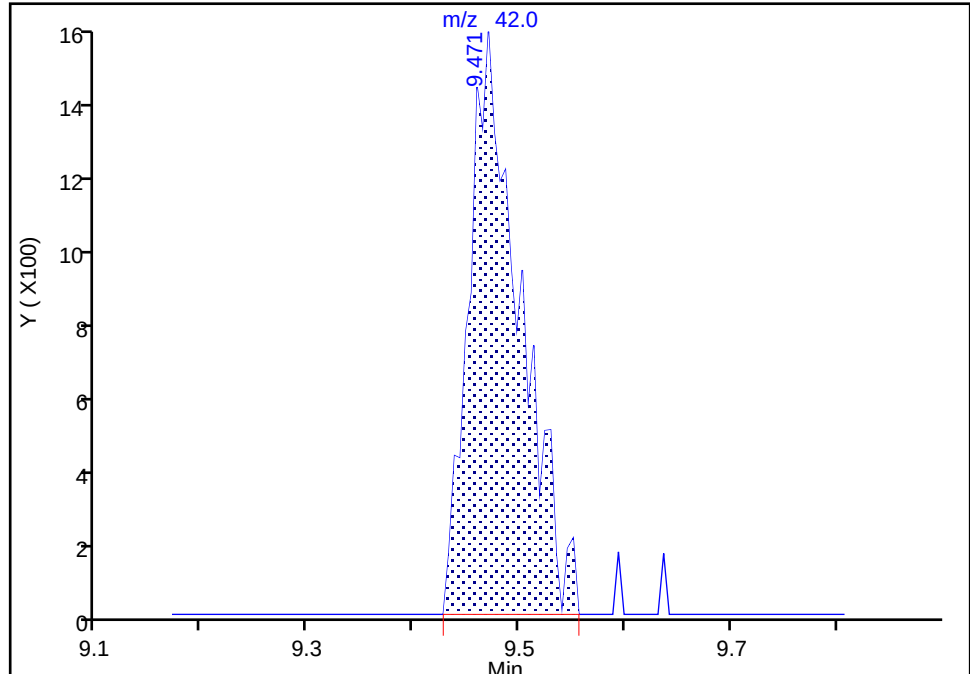
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-006.D
Injection Date: 21-Nov-2022 18:27:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

39 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

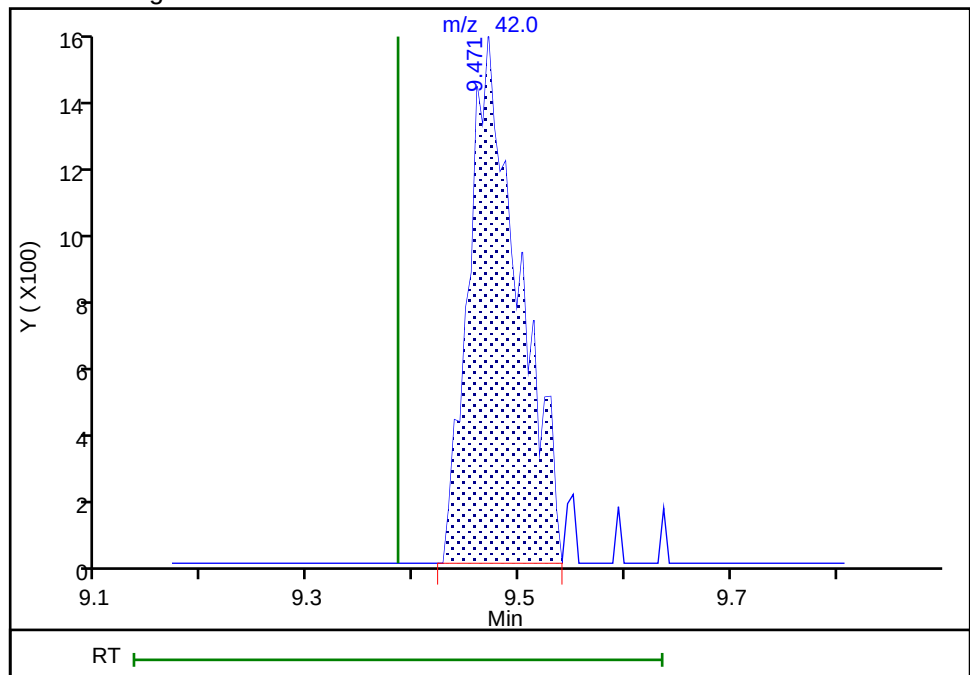
RT: 9.47
Area: 5132
Amount: 0.482229
Amount Units: ppb v/v

Processing Integration Results



RT: 9.47
Area: 5012
Amount: 0.503922
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 12:10:34

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

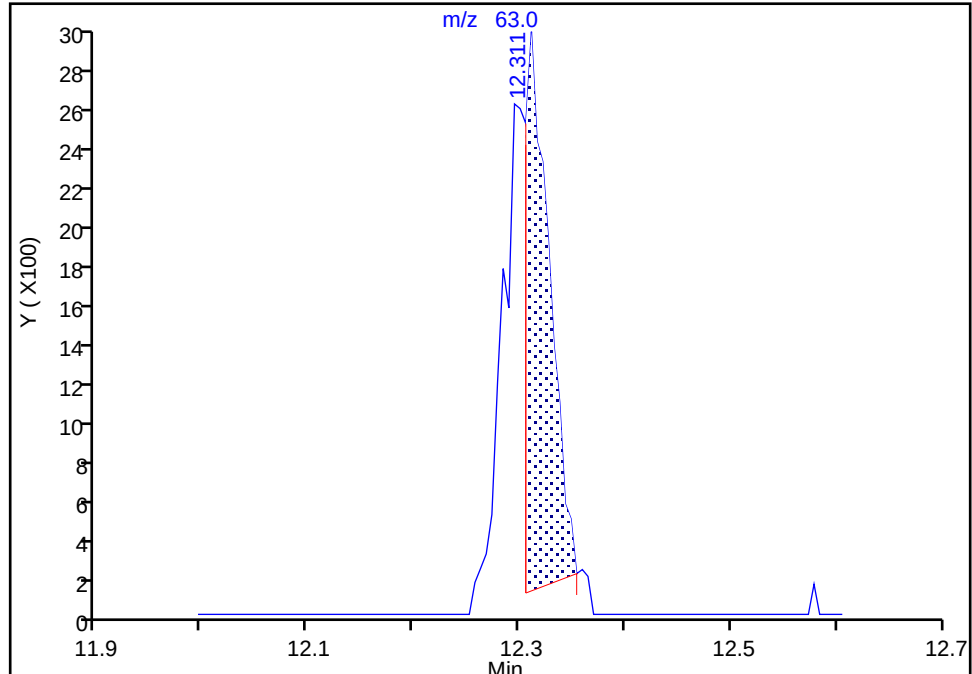
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-006.D
Injection Date: 21-Nov-2022 18:27:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

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

Signal: 1

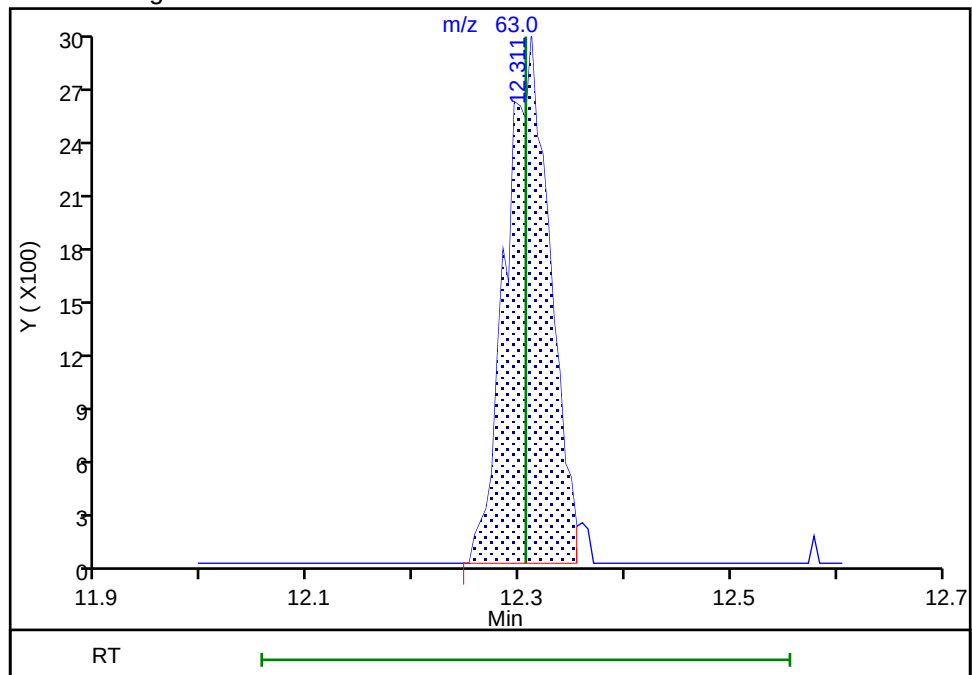
RT: 12.31
Area: 4577
Amount: 0.278567
Amount Units: ppb v/v

Processing Integration Results



RT: 12.31
Area: 8593
Amount: 0.499447
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 12:11:28

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

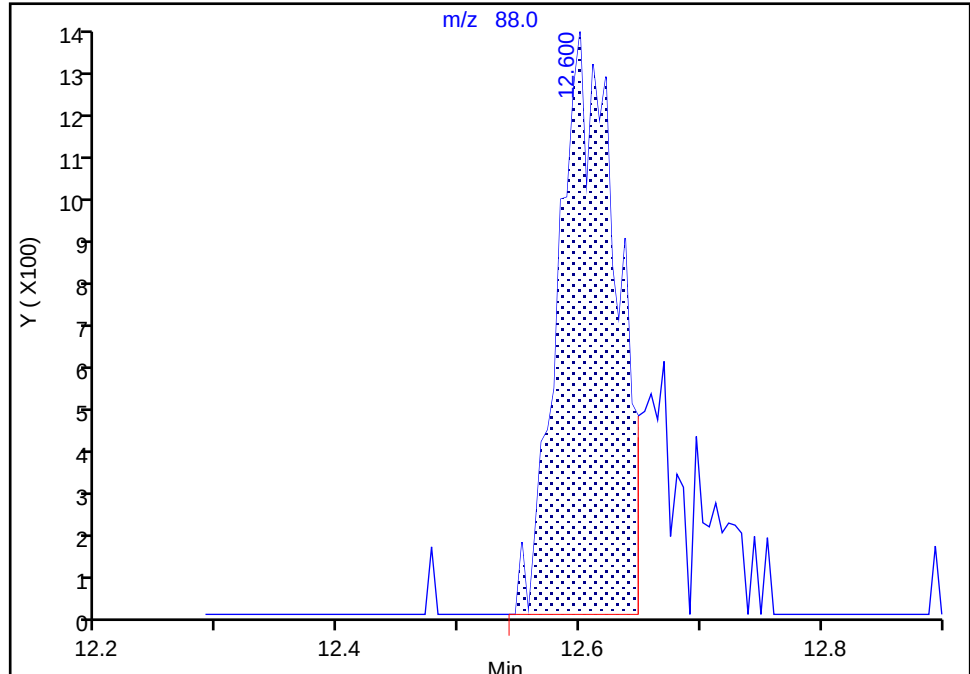
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-006.D
Injection Date: 21-Nov-2022 18:27:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

56 1,4-Dioxane, CAS: 123-91-1

Signal: 1

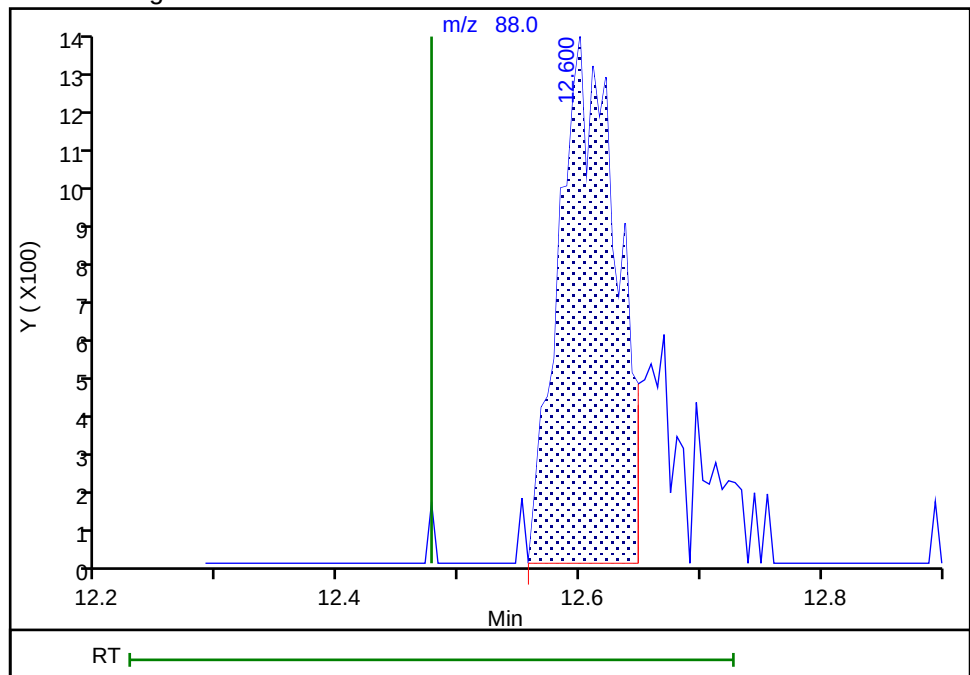
RT: 12.60
Area: 4695
Amount: 0.551057
Amount Units: ppb v/v

Processing Integration Results



RT: 12.60
Area: 4640
Amount: 0.406069
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 12:11:54

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

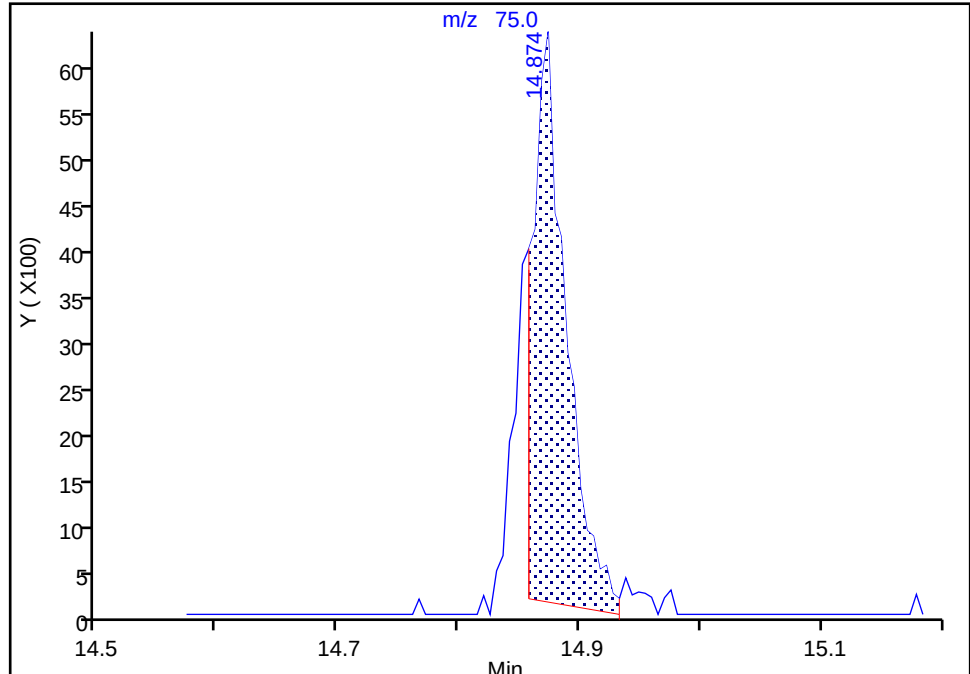
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-006.D
Injection Date: 21-Nov-2022 18:27:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

66 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

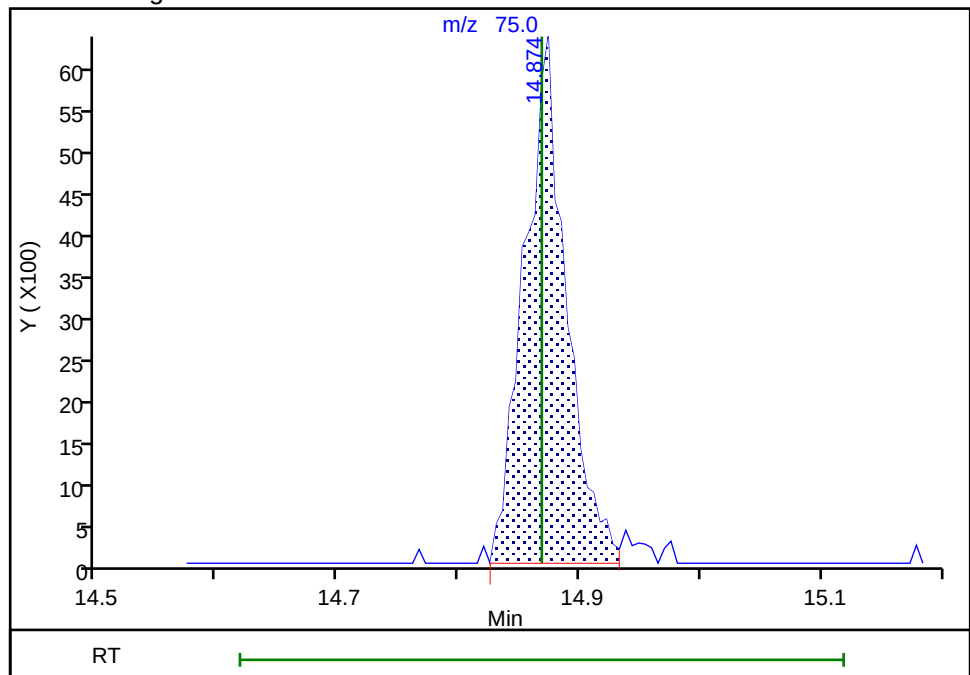
RT: 14.87
Area: 12068
Amount: 0.449976
Amount Units: ppb v/v

Processing Integration Results



RT: 14.87
Area: 15386
Amount: 0.497720
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 12:12:42

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

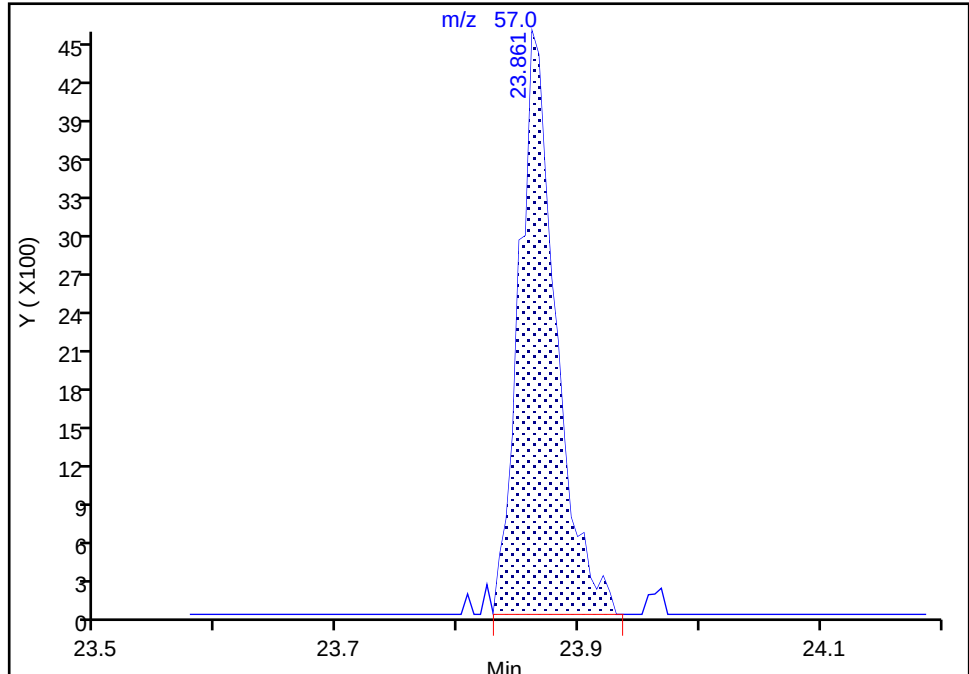
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-006.D
Injection Date: 21-Nov-2022 18:27:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

100 Dodecane, CAS: 112-40-3

Signal: 1

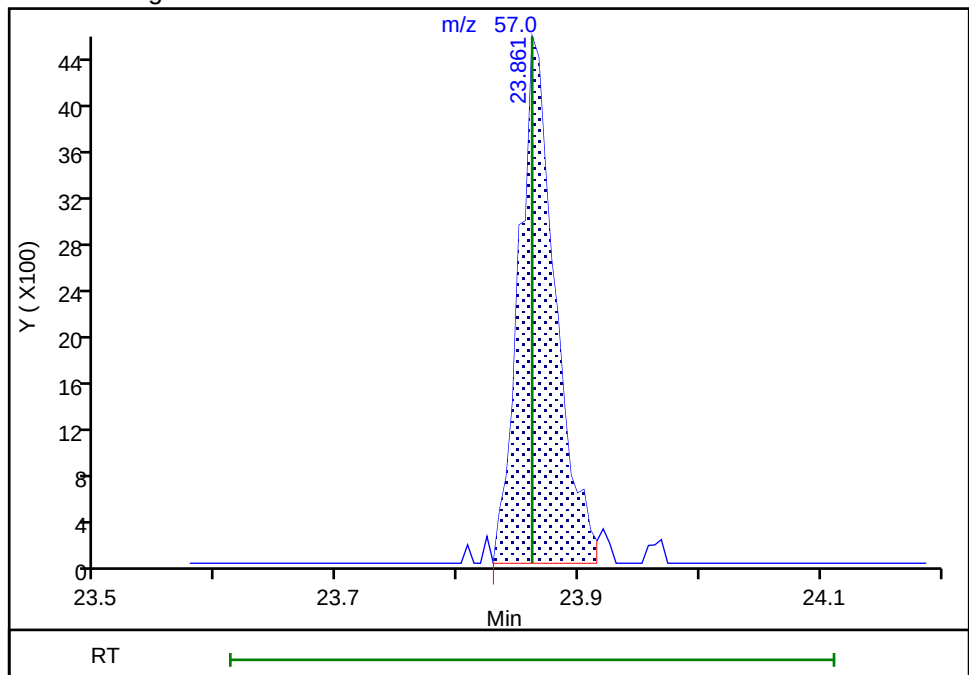
RT: 23.86
Area: 9511
Amount: 0.385489
Amount Units: ppb v/v

Processing Integration Results



RT: 23.86
Area: 9361
Amount: 0.363106
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 12:14:45

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-007.D
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 21-Nov-2022 19:20:30 ALS Bottle#: 7 Worklist Smp#: 7
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053415-007
 Misc. Info.: ic-4
 Operator ID: vtp Instrument ID: CHG.i
 Sublist: chrom-TO15_MasterMethod_(v1)_G*sub16
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 22-Nov-2022 07:28:45 Calib Date: 22-Nov-2022 00:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1666

First Level Reviewer: bunmaa

Date: 22-Nov-2022 12:20:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.115	3.115	0.000	97	51918	4.99	5.45	
2 Dichlorodifluoromethane	85	3.174	3.174	0.000	100	310638	4.99	5.16	
3 Chlorodifluoromethane	51	3.201	3.201	0.000	98	133314	4.99	5.29	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.399	3.399	0.000	89	266461	4.99	5.04	
5 Chloromethane	50	3.479	3.479	0.000	99	60056	4.99	5.31	
6 Vinyl chloride	62	3.688	3.682	0.006	94	72272	4.99	4.82	
7 Butane	43	3.688	3.682	0.006	95	82989	4.99	5.20	
8 Butadiene	54	3.763	3.762	0.001	95	47570	4.99	5.39	
9 Bromomethane	94	4.271	4.265	0.006	98	96372	4.99	5.10	
10 Chloroethane	64	4.458	4.463	-0.005	95	27280	4.99	5.25	
11 2-Methylbutane	43	4.619	4.618	0.000	87	53226	4.99	5.02	
12 Vinyl bromide	106	4.784	4.784	0.000	96	97984	4.99	5.09	
13 Trichlorofluoromethane	101	4.913	4.913	0.000	100	291041	4.99	5.15	
14 Pentane	43	5.084	5.078	0.006	96	82122	4.99	5.39	
15 Ethanol	45	5.228	5.218	0.010	96	45812	10.0	10.7	
16 Ethyl ether	59	5.442	5.426	0.016	96	28008	4.99	4.72	
17 Acrolein	56	5.656	5.635	0.021	94	11199	4.99	4.28	
18 1,1-Dichloroethene	96	5.822	5.817	0.005	98	87313	4.99	5.11	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	5.849	5.843	0.006	94	187392	4.99	5.09	
19 Acetone	43	5.902	5.886	0.016	100	70747	4.99	5.06	
22 Isopropyl alcohol	45	6.175	6.154	0.021	99	88943	4.99	5.33	
23 Carbon disulfide	76	6.197	6.197	0.001	100	217784	4.99	5.26	
24 Acetonitrile	41	6.368	6.357	0.011	97	25079	4.99	5.07	
25 3-Chloro-1-propene	41	6.459	6.453	0.006	98	63078	4.99	4.86	
26 Methylene Chloride	49	6.673	6.673	0.000	87	72645	4.99	5.24	
27 2-Methyl-2-propanol	59	6.930	6.897	0.033	95	122721	4.99	5.30	
28 Acrylonitrile	53	7.069	7.063	0.006	91	24600	4.99	4.59	
29 trans-1,2-Dichloroethene	61	7.160	7.159	0.001	96	103100	4.99	5.31	
30 Methyl tert-butyl ether	73	7.181	7.176	0.005	95	158464	4.99	4.86	
31 Hexane	57	7.662	7.662	0.000	87	74559	4.99	5.08	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 1,1-Dichloroethane	63	7.914	7.908	0.006	99	112304	4.99	5.17	
33 Vinyl acetate	43	7.925	7.924	0.001	100	103375	4.99	4.77	
34 2-Butanone (MEK)	72	8.893	8.893	0.000	94	25373	4.99	5.19	
35 cis-1,2-Dichloroethene	96	8.904	8.898	0.006	87	83494	4.99	5.43	
36 Ethyl acetate	88	8.989	8.978	0.011	99	4327	4.99	5.50	
* 37 Chlorobromomethane	128	9.316	9.315	0.001	71	185049	10.0	10.0	
38 Tetrahydrofuran	42	9.401	9.385	0.016	84	47743	4.99	5.53	
39 Chloroform	83	9.503	9.503	0.000	97	191493	4.99	4.90	
S 43 1,2-Dichloroethene, Total	61				0		9.99	10.7	
40 1,1,1-Trichloroethane	97	9.824	9.824	0.000	94	226783	4.99	5.24	
41 Cyclohexane	84	9.974	9.968	0.006	94	92985	4.99	5.17	
42 Carbon tetrachloride	117	10.118	10.118	0.000	98	256260	4.99	5.60	
44 Benzene	78	10.492	10.492	0.000	95	206906	4.99	4.70	
45 1,2-Dichloroethane	62	10.573	10.573	0.000	99	103234	4.99	4.74	
46 Isooctane	57	10.744	10.738	0.006	97	314723	4.99	5.24	
47 n-Heptane	43	11.092	11.086	0.006	92	114833	4.99	5.25	
* 48 1,4-Difluorobenzene	114	11.311	11.311	0.000	93	809350	10.0	10.0	
49 n-Butanol	56	11.680	11.648	0.032	89	50447	4.99	5.72	
50 Trichloroethene	95	11.792	11.792	0.000	97	168608	4.99	5.28	
51 1,2-Dichloropropane	63	12.306	12.306	0.000	86	74021	4.99	4.96	
54 Methyl methacrylate	69	12.434	12.434	0.000	96	66909	4.99	5.16	
53 Dibromomethane	174	12.472	12.477	-0.005	88	197969	4.99	5.05	
55 1,4-Dioxane	88	12.493	12.477	0.016	86	59737	4.99	6.02	M
56 Dichlorobromomethane	83	12.825	12.825	0.000	97	227898	4.99	5.03	
58 cis-1,3-Dichloropropene	75	13.713	13.713	0.000	93	149168	4.99	4.92	
59 4-Methyl-2-pentanone (MIBK)	43	14.045	14.039	0.006	96	150986	4.99	5.56	
A 61 Toluene Range	92	14.414	(14.374-14.454)	0	679266	NC	NC		
60 Toluene	92	14.408	14.414	-0.006	94	174813	4.99	4.72	
63 n-Octane	43	14.703	14.697	0.006	88	156842	4.99	5.21	
A 64 C8 Range	1	14.697	(14.659-14.747)	0	662302	NC	NC		
65 trans-1,3-Dichloropropene	75	14.863	14.868	-0.005	97	132485	4.99	4.94	
66 1,1,2-Trichloroethane	83	15.270	15.270	0.000	96	93293	4.99	4.88	
67 Tetrachloroethene	166	15.473	15.478	-0.005	95	269883	4.99	4.99	
68 2-Hexanone	43	15.757	15.740	0.017	95	147016	4.99	5.43	
69 Chlorodibromomethane	129	16.051	16.051	0.000	97	281119	4.99	4.79	
70 Ethylene Dibromide	107	16.302	16.302	0.000	99	202123	4.99	4.85	
* 71 Chlorobenzene-d5	117	17.276	17.276	0.000	83	816207	10.0	10.0	
72 Chlorobenzene	112	17.340	17.340	0.000	98	279589	4.99	4.79	
73 Ethylbenzene	91	17.549	17.549	0.000	98	387904	4.99	4.78	
74 m-Xylene & p-Xylene	106	17.832	17.832	0.000	0	315173	9.99	9.81	
75 n-Nonane	57	17.913	17.912	0.001	86	135362	4.99	5.02	
76 o-Xylene	106	18.640	18.645	-0.005	99	158162	4.99	4.73	
77 Styrene	104	18.678	18.677	0.001	97	243070	4.99	4.90	
78 Bromoform	173	19.041	19.046	-0.005	98	340301	4.99	4.89	
79 Isopropylbenzene	105	19.400	19.400	0.000	95	428236	4.99	4.87	
S 82 Xylenes, Total	106				0		15.0	14.5	
80 1,1,2,2-Tetrachloroethane	83	19.951	19.951	0.000	99	240514	4.99	4.93	
81 1,2,3-Trichloropropane	75	20.052	20.052	0.000	98	184583	4.99	4.98	
83 N-Propylbenzene	91	20.165	20.165	0.000	100	472795	4.99	4.81	
84 2-Chlorotoluene	91	20.309	20.309	0.000	96	318903	4.99	4.76	
85 4-Ethyltoluene	105	20.368	20.368	0.000	99	403727	4.99	4.77	
86 1,3,5-Trimethylbenzene	105	20.470	20.475	-0.005	94	332369	4.99	4.62	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 n-Decane	57	20.518	20.512	0.006	92	125396	4.99	4.41	
88 Alpha Methyl Styrene	118	20.812	20.812	0.000	91	183737	4.99	4.63	
89 tert-Butylbenzene	119	20.973	20.972	0.001	93	316765	4.99	4.54	
90 1,2,4-Trimethylbenzene	105	21.063	21.063	0.000	97	337647	4.99	4.53	
91 sec-Butylbenzene	105	21.310	21.309	0.001	99	445332	4.99	4.43	
92 1,3-Dichlorobenzene	146	21.481	21.481	0.000	95	311086	4.99	4.57	
93 4-Isopropyltoluene	119	21.534	21.534	0.000	97	377859	4.99	4.34	
94 1,4-Dichlorobenzene	146	21.625	21.625	0.000	98	310968	4.99	4.52	
95 Benzyl chloride	91	21.780	21.780	0.000	100	347319	4.99	4.81	
97 n-Butylbenzene	91	22.101	22.101	0.000	98	313869	4.99	4.23	
96 1,2-Dichlorobenzene	146	22.123	22.123	0.000	99	304758	4.99	4.55	
98 Undecane	57	22.262	22.262	0.000	93	105669	4.99	3.57	
99 Dodecane	57	23.861	23.861	0.000	97	94872	4.99	3.94	
100 1,2,4-Trichlorobenzene	180	24.589	24.589	0.000	93	279591	4.99	4.29	
101 Hexachlorobutadiene	225	24.840	24.840	0.000	94	232689	4.99	3.70	
102 Naphthalene	128	25.070	25.070	0.000	99	529002	4.99	4.54	
103 1,2,3-Trichlorobenzene	180	25.482	25.482	0.000	95	250954	4.99	4.50	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL3w_00256

Amount Added: 200.00

Units: mL

ATTO15GIS_00019

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 22-Nov-2022 07:28:45

Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-007.D

Injection Date: 21-Nov-2022 19:20:30

Instrument ID: CHG.i

Operator ID: vtp

Lims ID: ic

Worklist Smp#: 7

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

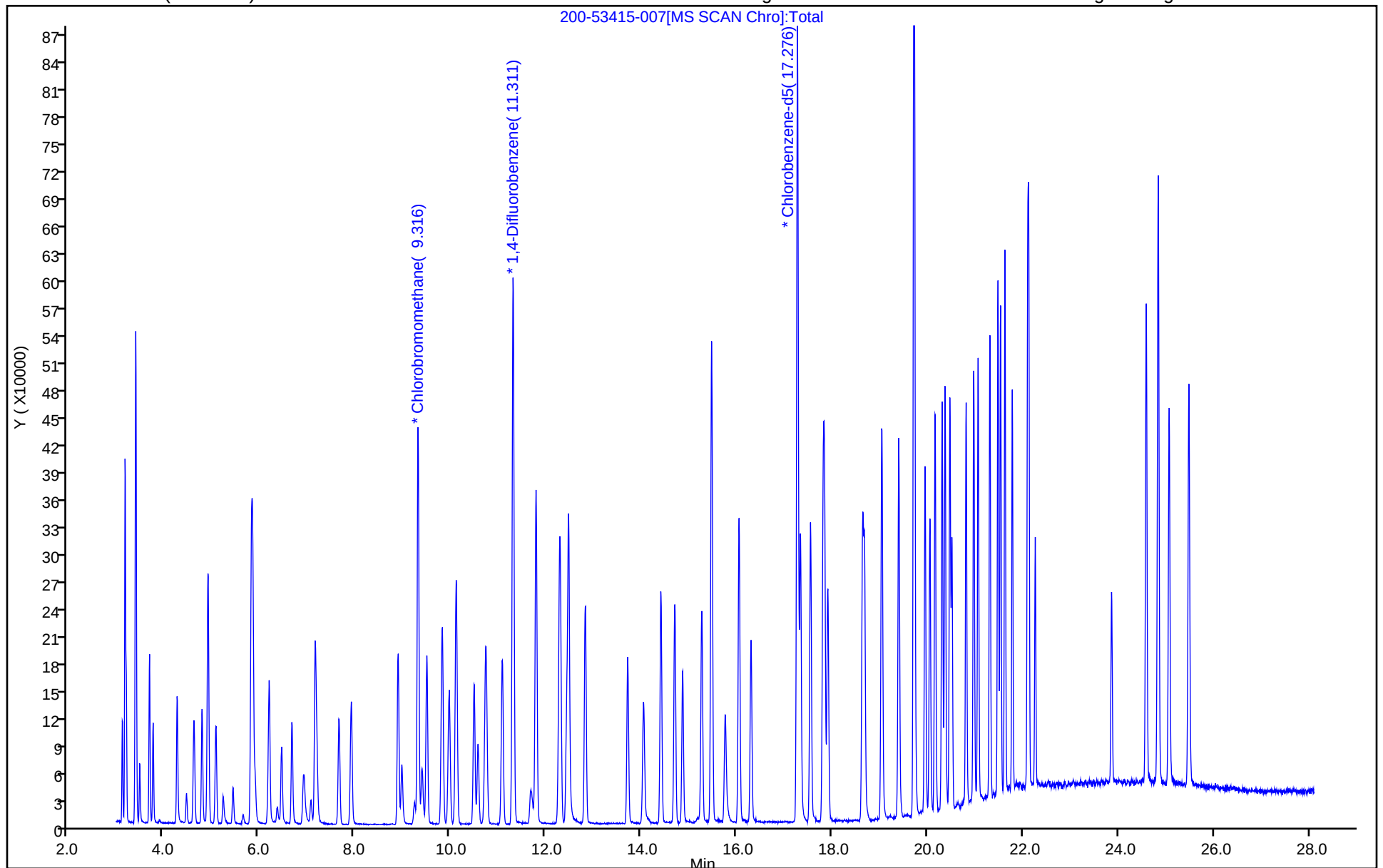
ALS Bottle#: 7

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

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



Eurofins Burlington

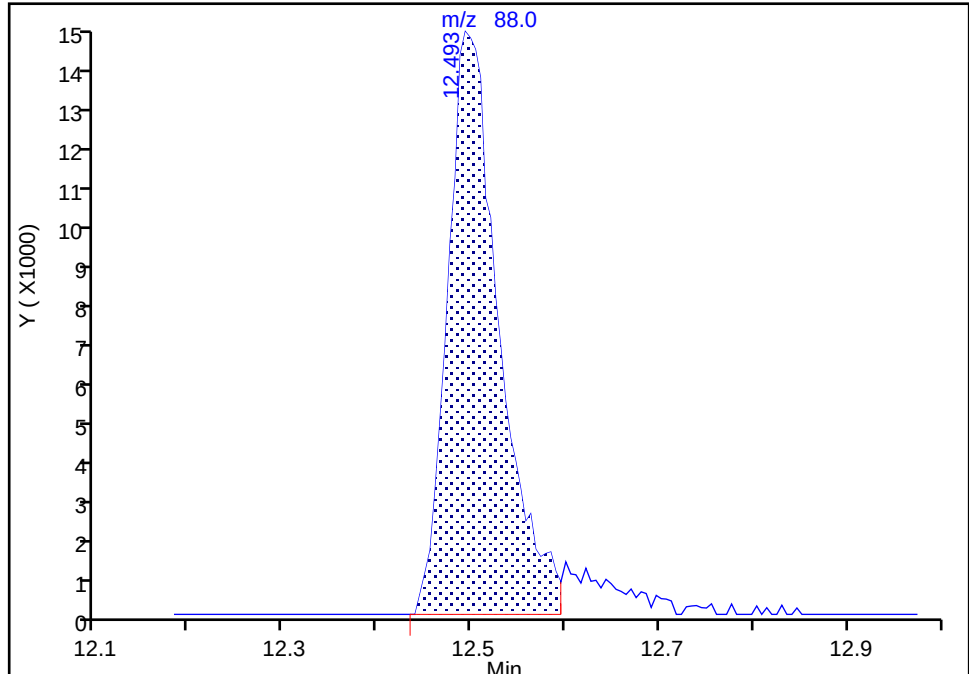
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-007.D
Injection Date: 21-Nov-2022 19:20:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

55 1,4-Dioxane, CAS: 123-91-1

Signal: 1

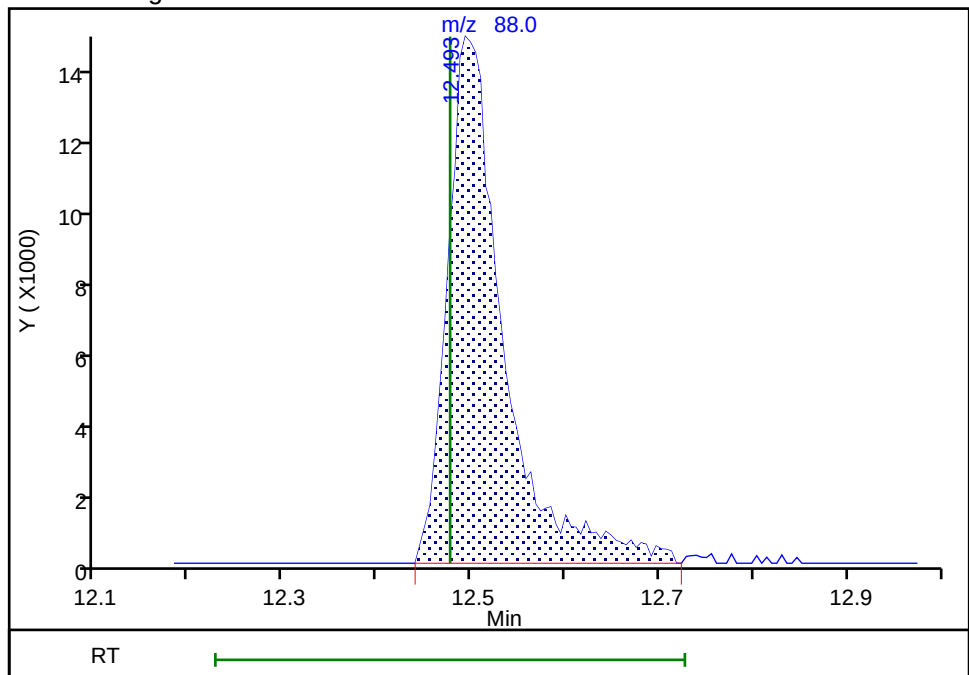
RT: 12.49
Area: 55023
Amount: 7.455176
Amount Units: ppb v/v

Processing Integration Results



RT: 12.49
Area: 59737
Amount: 6.022031
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 12:18:38

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-008.D
 Lims ID: icis
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 21-Nov-2022 20:12:30 ALS Bottle#: 8 Worklist Smp#: 8
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053415-008
 Misc. Info.: icis
 Operator ID: vtp Instrument ID: CHG.i
 Sublist: chrom-TO15_MasterMethod_(v1)_G*sub16
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 22-Nov-2022 07:28:38 Calib Date: 22-Nov-2022 00:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1666

First Level Reviewer: BKZ7

Date: 22-Nov-2022 07:28:38

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	3.115	3.115	0.000	97	93648	10.0	9.89	
2 Dichlorodifluoromethane	85	3.174	3.174	0.000	100	586400	10.0	9.80	
3 Chlorodifluoromethane	51	3.201	3.201	0.000	95	245755	10.0	9.81	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.399	3.399	0.000	89	513031	10.0	9.76	
5 Chloromethane	50	3.479	3.479	0.000	99	109854	10.0	9.76	
6 Vinyl chloride	62	3.682	3.682	0.000	95	138486	10.0	9.27	
7 Butane	43	3.682	3.682	0.000	95	155223	10.0	9.77	
8 Butadiene	54	3.762	3.762	0.000	97	89620	10.0	10.2	
9 Bromomethane	94	4.265	4.265	0.000	98	179384	10.0	9.54	
10 Chloroethane	64	4.463	4.463	0.000	96	50558	10.0	9.78	
11 2-Methylbutane	43	4.618	4.618	0.000	88	103646	10.0	9.83	
12 Vinyl bromide	106	4.784	4.784	0.000	98	181973	10.0	9.51	
13 Trichlorofluoromethane	101	4.913	4.913	0.000	100	548303	10.0	9.74	
14 Pentane	43	5.078	5.078	0.000	96	153046	10.0	10.1	
15 Ethanol	45	5.218	5.218	0.000	96	63617	15.0	14.9	
16 Ethyl ether	59	5.426	5.426	0.000	95	59843	10.0	10.1	
17 Acrolein	56	5.635	5.635	0.000	97	27408	10.0	10.5	
18 1,1-Dichloroethene	96	5.817	5.817	0.000	98	163976	10.0	9.65	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	5.843	5.843	0.000	93	366730	10.0	10.0	
19 Acetone	43	5.886	5.886	0.000	100	150343	10.0	10.8	
22 Isopropyl alcohol	45	6.154	6.154	0.000	99	175437	10.0	10.6	
23 Carbon disulfide	76	6.197	6.197	0.000	100	409207	10.0	9.93	
24 Acetonitrile	41	6.357	6.357	0.000	98	53775	10.0	10.9	M
25 3-Chloro-1-propene	41	6.453	6.453	0.000	96	127329	10.0	9.87	
26 Methylene Chloride	49	6.673	6.673	0.000	87	140913	10.0	10.2	
27 2-Methyl-2-propanol	59	6.897	6.897	0.000	95	241303	10.0	10.5	
28 Acrylonitrile	53	7.063	7.063	0.000	93	57259	10.0	10.7	
29 trans-1,2-Dichloroethene	61	7.159	7.159	0.000	95	200582	10.0	10.4	
30 Methyl tert-butyl ether	73	7.176	7.176	0.000	95	325051	10.0	10.0	
31 Hexane	57	7.662	7.662	0.000	86	148675	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 1,1-Dichloroethane	63	7.908	7.908	0.000	99	225596	10.0	10.4	
33 Vinyl acetate	43	7.924	7.924	0.000	99	230289	10.0	10.7	
34 2-Butanone (MEK)	72	8.893	8.893	0.000	100	50342	10.0	10.4	
35 cis-1,2-Dichloroethene	96	8.898	8.898	0.000	89	169139	10.0	11.1	
36 Ethyl acetate	88	8.978	8.978	0.000	99	7722	10.0	9.87	
* 37 Chlorobromomethane	128	9.315	9.315	0.000	71	184151	10.0	10.0	
38 Tetrahydrofuran	42	9.385	9.385	0.000	83	93108	10.0	10.2	
39 Chloroform	83	9.503	9.503	0.000	96	384671	10.0	9.90	
S 43 1,2-Dichloroethene, Total	61				0		20.0	21.4	
40 1,1,1-Trichloroethane	97	9.824	9.824	0.000	95	446475	10.0	9.71	
41 Cyclohexane	84	9.968	9.968	0.000	94	186240	10.0	9.75	
42 Carbon tetrachloride	117	10.118	10.118	0.000	99	523144	10.0	10.8	
44 Benzene	78	10.492	10.492	0.000	95	452525	10.0	9.68	
45 1,2-Dichloroethane	62	10.573	10.573	0.000	99	228828	10.0	9.89	
46 Isooctane	57	10.738	10.738	0.000	97	626365	10.0	9.82	
47 n-Heptane	43	11.086	11.086	0.000	90	228824	10.0	9.85	
* 48 1,4-Difluorobenzene	114	11.311	11.311	0.000	92	859116	10.0	10.0	
49 n-Butanol	56	11.648	11.648	0.000	89	96914	10.0	10.3	
50 Trichloroethene	95	11.792	11.792	0.000	97	339718	10.0	10.0	
51 1,2-Dichloropropane	63	12.306	12.306	0.000	86	160815	10.0	10.1	
54 Methyl methacrylate	69	12.434	12.434	0.000	95	142140	10.0	10.3	
53 Dibromomethane	174	12.477	12.477	0.000	88	404132	10.0	9.71	
55 1,4-Dioxane	88	12.477	12.477	0.000	43	113146	10.0	10.7	
56 Dichlorobromomethane	83	12.825	12.825	0.000	98	491539	10.0	10.2	
58 cis-1,3-Dichloropropene	75	13.713	13.713	0.000	93	327492	10.0	10.2	
59 4-Methyl-2-pentanone (MIBK)	43	14.039	14.039	0.000	95	295248	10.0	10.2	
60 Toluene	92	14.414	14.414	0.000	94	385630	10.0	10.1	
A 61 Toluene Range	92	14.414	(14.374-14.454)	0	1477299	NC	NC		
A 64 C8 Range	1	14.697	(14.647-14.747)	0	1396189	NC	NC		
63 n-Octane	43	14.697	14.697	0.000	88	332943	10.0	10.4	
65 trans-1,3-Dichloropropene	75	14.868	14.868	0.000	97	292076	10.0	10.3	
66 1,1,2-Trichloroethane	83	15.270	15.270	0.000	96	202582	10.0	10.3	
67 Tetrachloroethene	166	15.478	15.478	0.000	96	546532	10.0	9.78	
68 2-Hexanone	43	15.740	15.740	0.000	96	288571	10.0	10.3	
69 Chlorodibromomethane	129	16.051	16.051	0.000	97	620953	10.0	10.2	
70 Ethylene Dibromide	107	16.302	16.302	0.000	99	440577	10.0	10.2	
* 71 Chlorobenzene-d5	117	17.276	17.276	0.000	83	843374	10.0	10.0	
72 Chlorobenzene	112	17.340	17.340	0.000	98	609363	10.0	10.1	
73 Ethylbenzene	91	17.549	17.549	0.000	97	823067	10.0	9.81	
74 m-Xylene & p-Xylene	106	17.832	17.832	0.000	0	673692	20.0	20.3	
75 n-Nonane	57	17.912	17.912	0.000	84	292615	10.0	10.5	
76 o-Xylene	106	18.645	18.645	0.000	99	330347	10.0	9.56	
77 Styrene	104	18.677	18.677	0.000	97	527825	10.0	10.3	
78 Bromoform	173	19.046	19.046	0.000	98	738952	10.0	10.3	
79 Isopropylbenzene	105	19.400	19.400	0.000	95	911943	10.0	10.0	
S 82 Xylenes, Total	106				0		30.0	29.8	
80 1,1,2,2-Tetrachloroethane	83	19.951	19.951	0.000	99	491221	10.0	9.75	
81 1,2,3-Trichloropropane	75	20.052	20.052	0.000	98	379968	10.0	9.92	
83 N-Propylbenzene	91	20.165	20.165	0.000	100	1003308	10.0	9.89	
84 2-Chlorotoluene	91	20.309	20.309	0.000	96	674342	10.0	9.74	
85 4-Ethyltoluene	105	20.368	20.368	0.000	99	856402	10.0	9.80	
86 1,3,5-Trimethylbenzene	105	20.475	20.475	0.000	94	715974	10.0	9.63	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 n-Decane	57	20.512	20.512	0.000	93	291969	10.0	9.95	
88 Alpha Methyl Styrene	118	20.812	20.812	0.000	92	408586	10.0	9.96	
89 tert-Butylbenzene	119	20.972	20.972	0.000	93	677567	10.0	9.40	
90 1,2,4-Trimethylbenzene	105	21.063	21.063	0.000	97	715978	10.0	9.29	
91 sec-Butylbenzene	105	21.309	21.309	0.000	99	971940	10.0	9.35	
92 1,3-Dichlorobenzene	146	21.481	21.481	0.000	94	667781	10.0	9.50	
93 4-Isopropyltoluene	119	21.534	21.534	0.000	97	821716	10.0	9.13	
94 1,4-Dichlorobenzene	146	21.625	21.625	0.000	98	674562	10.0	9.50	
95 Benzyl chloride	91	21.780	21.780	0.000	100	726284	10.0	9.73	
97 n-Butylbenzene	91	22.101	22.101	0.000	98	680965	10.0	8.88	
96 1,2-Dichlorobenzene	146	22.123	22.123	0.000	99	648123	10.0	9.37	
98 Undecane	57	22.262	22.262	0.000	93	272519	10.0	8.90	
99 Dodecane	57	23.861	23.861	0.000	99	225312	10.0	9.05	
100 1,2,4-Trichlorobenzene	180	24.589	24.589	0.000	93	620687	10.0	9.22	
101 Hexachlorobutadiene	225	24.840	24.840	0.000	94	552759	10.0	8.52	
102 Naphthalene	128	25.070	25.070	0.000	99	1151489	10.0	9.57	
103 1,2,3-Trichlorobenzene	180	25.482	25.482	0.000	94	540328	10.0	9.38	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL4w_00794

Amount Added: 200.00

Units: mL

ATTO15GIS_00019

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 22-Nov-2022 07:28:38

Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-008.D

Injection Date: 21-Nov-2022 20:12:30

Instrument ID: CHG.i

Operator ID: vtp

Lims ID: icis

Worklist Smp#: 8

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

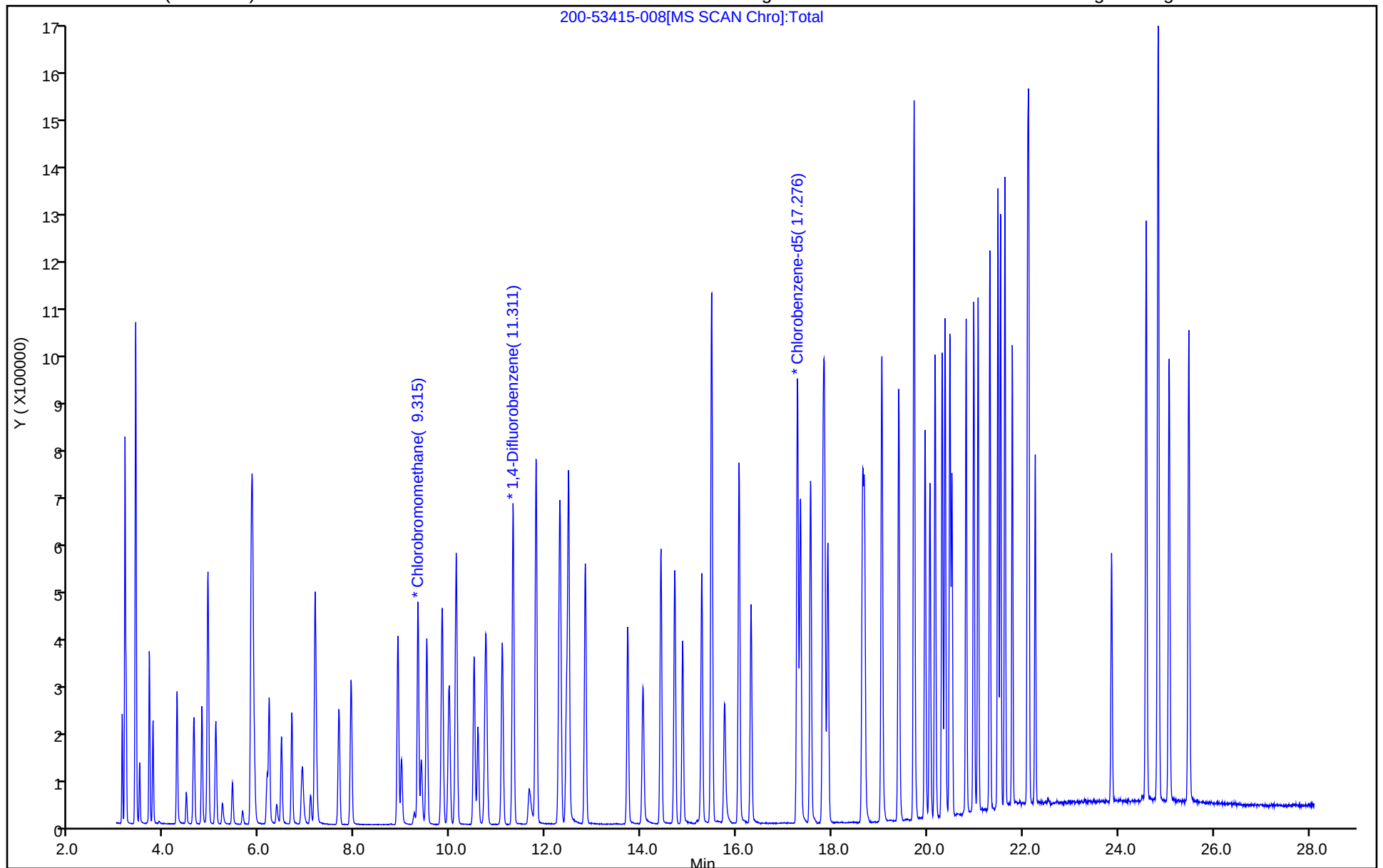
ALS Bottle#: 8

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

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



Eurofins Burlington

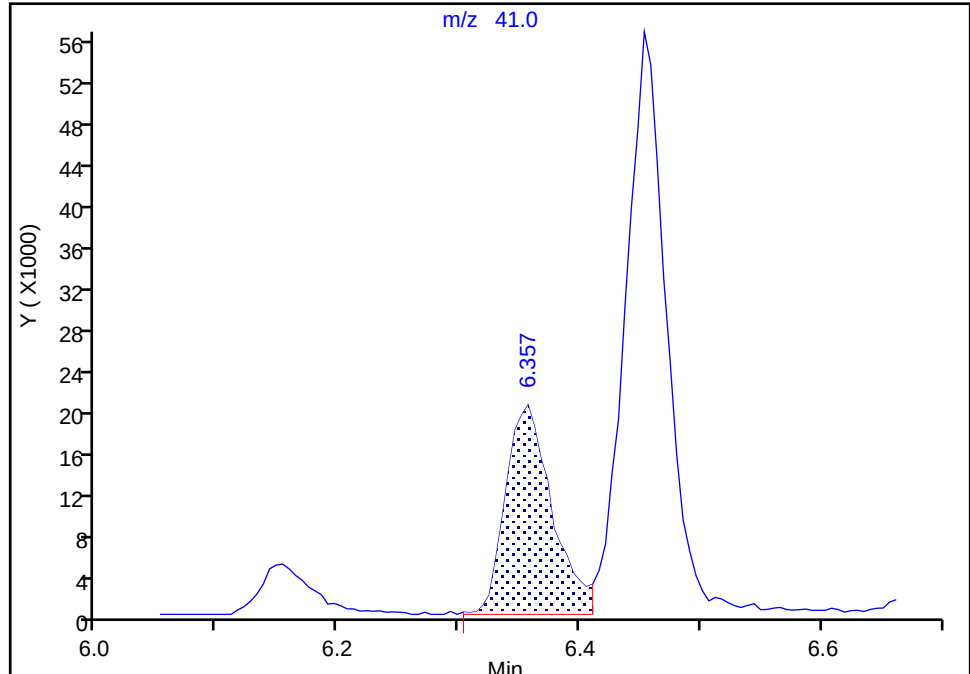
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-008.D
Injection Date: 21-Nov-2022 20:12:30 Instrument ID: CHG.i
Lims ID: icis
Client ID:
Operator ID: vtp ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

24 Acetonitrile, CAS: 75-05-8

Signal: 1

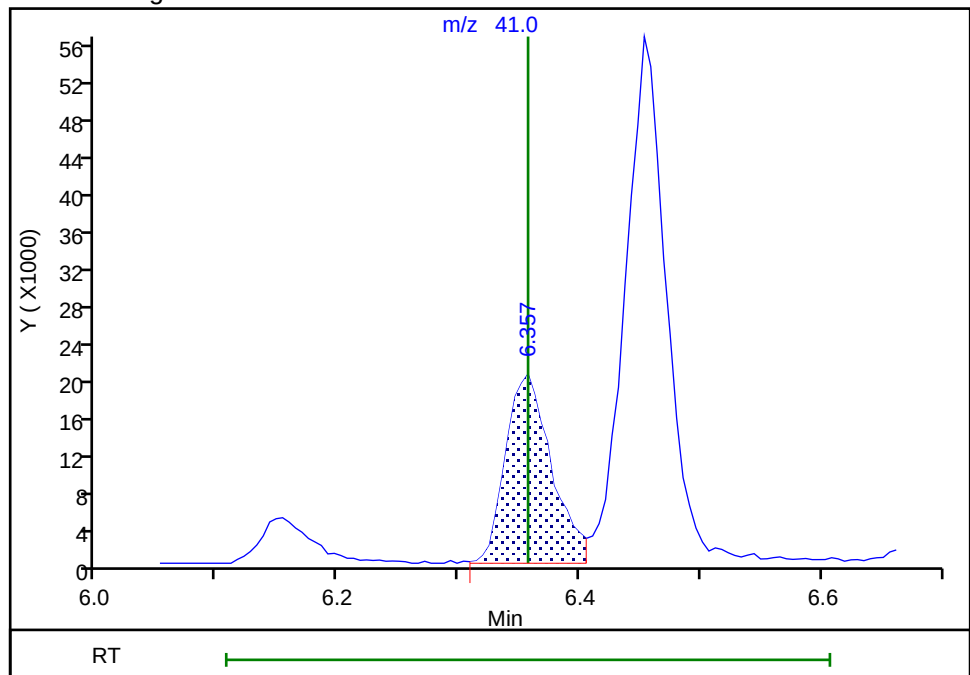
RT: 6.36
Area: 54790
Amount: 8.201204
Amount Units: ppb v/v

Processing Integration Results



RT: 6.36
Area: 53775
Amount: 10.917933
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 11:28:11
Audit Action: Manually Integrated

Audit Reason: Assign Peak
Page 505 of 981

12/8/2022 3:46
PM

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-009.D
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 21-Nov-2022 21:05:30 ALS Bottle#: 9 Worklist Smp#: 9
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053415-009
 Misc. Info.: ic-6
 Operator ID: vtp Instrument ID: CHG.i
 Sublist: chrom-TO15_MasterMethod_(v1)_G*sub16
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 22-Nov-2022 07:28:46 Calib Date: 22-Nov-2022 00:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1666

First Level Reviewer: bunmaa

Date: 22-Nov-2022 12:22:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.110	3.115	-0.005	97	146830	15.0	16.5	
2 Dichlorodifluoromethane	85	3.169	3.174	-0.005	100	925598	15.0	16.4	
3 Chlorodifluoromethane	51	3.195	3.201	-0.006	97	390547	15.0	16.6	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.393	3.399	-0.006	97	801414	15.0	16.2	
5 Chloromethane	50	3.474	3.479	-0.005	98	170101	15.0	16.1	
6 Vinyl chloride	62	3.682	3.682	0.000	98	218335	15.0	15.5	
7 Butane	43	3.682	3.682	0.000	95	242814	15.0	16.2	
8 Butadiene	54	3.757	3.762	-0.005	97	145996	15.0	17.7	
9 Bromomethane	94	4.260	4.265	-0.005	98	284972	15.0	16.1	
10 Chloroethane	64	4.458	4.463	-0.005	97	79001	15.0	16.2	
11 2-Methylbutane	43	4.613	4.618	-0.005	87	153311	15.0	15.4	
12 Vinyl bromide	106	4.784	4.784	0.000	97	289814	15.0	16.1	
13 Trichlorofluoromethane	101	4.907	4.913	-0.006	100	841841	15.0	15.9	
14 Pentane	43	5.073	5.078	-0.005	95	226140	15.0	15.9	
15 Ethanol	45	5.207	5.218	-0.011	96	84940	20.0	21.2	
16 Ethyl ether	59	5.421	5.426	-0.005	93	82347	15.0	14.8	
17 Acrolein	56	5.635	5.635	0.000	96	36208	15.0	14.8	
18 1,1-Dichloroethene	96	5.811	5.817	-0.006	97	252941	15.0	15.8	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	5.844	5.843	0.001	93	542422	15.0	15.7	
19 Acetone	43	5.881	5.886	-0.005	99	204716	15.0	15.6	
22 Isopropyl alcohol	45	6.138	6.154	-0.016	99	259353	15.0	16.6	
23 Carbon disulfide	76	6.197	6.197	0.001	100	629124	15.0	16.2	
24 Acetonitrile	41	6.352	6.357	-0.005	98	68663	15.0	14.8	
25 3-Chloro-1-propene	41	6.448	6.453	-0.005	95	189140	15.0	15.6	
26 Methylene Chloride	49	6.667	6.673	-0.006	88	204910	15.0	15.8	
27 2-Methyl-2-propanol	59	6.876	6.897	-0.021	94	358999	15.0	16.5	
28 Acrylonitrile	53	7.058	7.063	-0.005	95	75813	15.0	15.1	
29 trans-1,2-Dichloroethene	61	7.154	7.159	-0.005	95	297172	15.0	16.3	
30 Methyl tert-butyl ether	73	7.170	7.176	-0.006	94	477439	15.0	15.6	
31 Hexane	57	7.657	7.662	-0.005	86	217431	15.0	15.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 1,1-Dichloroethane	63	7.903	7.908	-0.005	99	324243	15.0	15.9	
33 Vinyl acetate	43	7.919	7.924	-0.005	99	310024	15.0	15.3	
34 2-Butanone (MEK)	72	8.882	8.893	-0.011	99	74844	15.0	16.3	
35 cis-1,2-Dichloroethene	96	8.898	8.898	0.000	90	243437	15.0	16.9	
36 Ethyl acetate	88	8.968	8.978	-0.010	99	11438	15.0	15.5	
* 37 Chlorobromomethane	128	9.316	9.315	0.001	70	173349	10.0	10.0	
38 Tetrahydrofuran	42	9.380	9.385	-0.005	80	136464	15.0	16.4	
39 Chloroform	83	9.503	9.503	0.000	96	561519	15.0	15.4	
S 43 1,2-Dichloroethene, Total	61				0		30.0	33.2	
40 1,1,1-Trichloroethane	97	9.824	9.824	0.000	94	664703	15.0	15.9	
41 Cyclohexane	84	9.968	9.968	0.000	93	274769	15.0	15.8	
42 Carbon tetrachloride	117	10.118	10.118	0.000	98	785321	15.0	17.8	
44 Benzene	78	10.492	10.492	0.000	94	621060	15.0	14.6	
45 1,2-Dichloroethane	62	10.578	10.573	0.005	99	318009	15.0	15.1	
46 Isooctane	57	10.739	10.738	0.001	97	912603	15.0	15.7	
47 n-Heptane	43	11.086	11.086	0.000	90	328120	15.0	15.5	
* 48 1,4-Difluorobenzene	114	11.311	11.311	0.000	92	780897	10.0	10.0	
49 n-Butanol	56	11.627	11.648	-0.021	89	148538	15.0	17.4	
50 Trichloroethene	95	11.792	11.792	0.000	96	500202	15.0	16.2	
51 1,2-Dichloropropane	63	12.306	12.306	0.000	88	218603	15.0	15.2	
54 Methyl methacrylate	69	12.429	12.434	-0.005	95	208599	15.0	16.7	
53 Dibromomethane	174	12.477	12.477	0.000	88	590645	15.0	15.6	
55 1,4-Dioxane	88	12.472	12.477	-0.005	48	172983	15.0	18.1	Ma
56 Dichlorobromomethane	83	12.825	12.825	0.000	98	681594	15.0	15.6	
58 cis-1,3-Dichloropropene	75	13.718	13.713	0.005	92	458359	15.0	15.7	
59 4-Methyl-2-pentanone (MIBK)	43	14.029	14.039	-0.010	96	452500	15.0	17.3	
A 61 Toluene Range	92	14.414	(14.374-14.454)		0	2077238	NC	NC	
60 Toluene	92	14.414	14.414	0.000	94	540013	15.0	15.2	
63 n-Octane	43	14.703	14.697	0.006	87	466444	15.0	16.1	
A 64 C8 Range	1	14.697	(14.659-14.747)		0	1986332	NC	NC	
65 trans-1,3-Dichloropropene	75	14.869	14.868	0.001	97	419298	15.0	16.2	
66 1,1,2-Trichloroethane	83	15.270	15.270	0.000	95	283287	15.0	15.4	
67 Tetrachloroethene	166	15.478	15.478	0.000	96	803011	15.0	15.5	
68 2-Hexanone	43	15.741	15.740	0.001	96	445532	15.0	17.1	
69 Chlorodibromomethane	129	16.051	16.051	0.000	97	894430	15.0	15.9	
70 Ethylene Dibromide	107	16.302	16.302	0.000	99	633114	15.0	15.8	
* 71 Chlorobenzene-d5	117	17.276	17.276	0.000	82	783861	10.0	10.0	
72 Chlorobenzene	112	17.340	17.340	0.000	98	862698	15.0	15.4	
73 Ethylbenzene	91	17.549	17.549	0.000	97	1174697	15.0	15.1	
74 m-Xylene & p-Xylene	106	17.827	17.832	-0.005	0	992697	30.0	32.2	
75 n-Nonane	57	17.913	17.912	0.000	84	415974	15.0	16.1	
76 o-Xylene	106	18.645	18.645	0.000	99	489610	15.0	15.2	
77 Styrene	104	18.678	18.677	0.001	97	790177	15.0	16.6	
78 Bromoform	173	19.047	19.046	0.001	98	1114808	15.0	16.7	
79 Isopropylbenzene	105	19.400	19.400	0.000	96	1348046	15.0	16.0	
S 82 Xylenes, Total	106				0		45.0	47.4	
80 1,1,2,2-Tetrachloroethane	83	19.951	19.951	0.000	99	729239	15.0	15.6	
81 1,2,3-Trichloropropane	75	20.052	20.052	0.000	97	561142	15.0	15.8	
83 N-Propylbenzene	91	20.165	20.165	0.000	100	1500219	15.0	15.9	
84 2-Chlorotoluene	91	20.309	20.309	0.000	96	999055	15.0	15.5	
85 4-Ethyltoluene	105	20.373	20.368	0.005	98	1301344	15.0	16.0	
86 1,3,5-Trimethylbenzene	105	20.475	20.475	0.000	94	1098290	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
87 n-Decane	57	20.512	20.512	0.000	93	462576	15.0	17.0	
88 Alpha Methyl Styrene	118	20.812	20.812	0.000	92	625754	15.0	16.4	
89 tert-Butylbenzene	119	20.973	20.972	0.001	93	1065307	15.0	15.9	
90 1,2,4-Trimethylbenzene	105	21.063	21.063	0.000	97	1113043	15.0	15.5	
91 sec-Butylbenzene	105	21.310	21.309	0.001	99	1537595	15.0	15.9	
92 1,3-Dichlorobenzene	146	21.481	21.481	0.000	94	1030050	15.0	15.8	
93 4-Isopropyltoluene	119	21.534	21.534	0.000	97	1338241	15.0	16.0	
94 1,4-Dichlorobenzene	146	21.625	21.625	0.000	97	1037344	15.0	15.7	
95 Benzyl chloride	91	21.780	21.780	0.000	99	1132536	15.0	16.3	
97 n-Butylbenzene	91	22.101	22.101	0.000	98	1136477	15.0	15.9	
96 1,2-Dichlorobenzene	146	22.123	22.123	0.000	99	1004727	15.0	15.6	
98 Undecane	57	22.262	22.262	0.000	93	485254	15.0	17.1	
99 Dodecane	57	23.861	23.861	0.000	97	411554	15.0	17.8	
100 1,2,4-Trichlorobenzene	180	24.589	24.589	0.000	93	1094002	15.0	17.5	
101 Hexachlorobutadiene	225	24.840	24.840	0.000	94	1002827	15.0	16.6	
102 Naphthalene	128	25.070	25.070	0.000	99	1975393	15.0	17.7	
103 1,2,3-Trichlorobenzene	180	25.482	25.482	0.000	95	940853	15.0	17.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ATTO15CAL5w_00125

Amount Added: 200.00

Units: mL

ATTO15GIS_00019

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 22-Nov-2022 07:28:47

Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-009.D

Injection Date: 21-Nov-2022 21:05:30

Instrument ID: CHG.i

Operator ID: vtp

Lims ID: ic

Worklist Smp#: 9

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

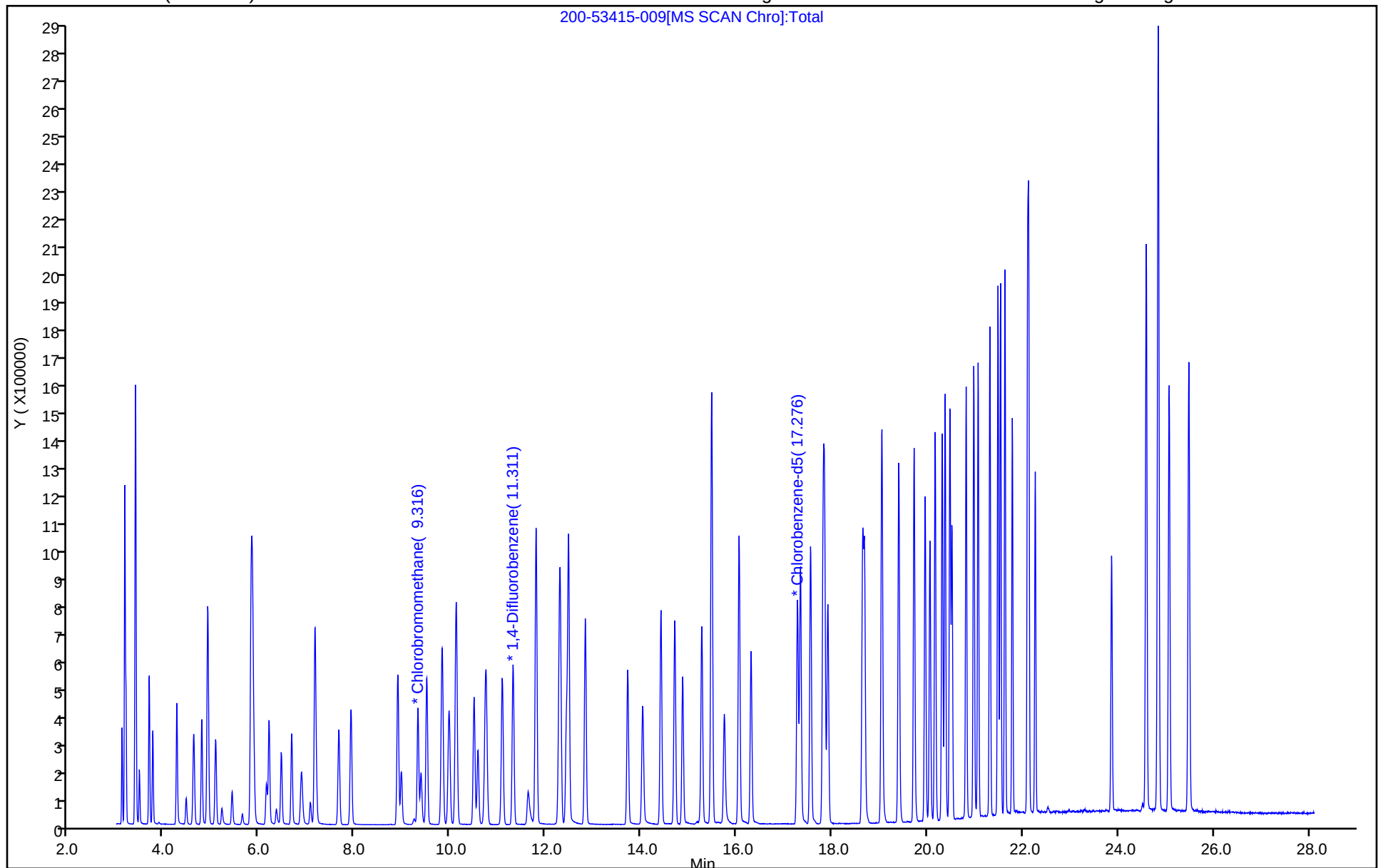
ALS Bottle#: 9

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

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



Eurofins Burlington

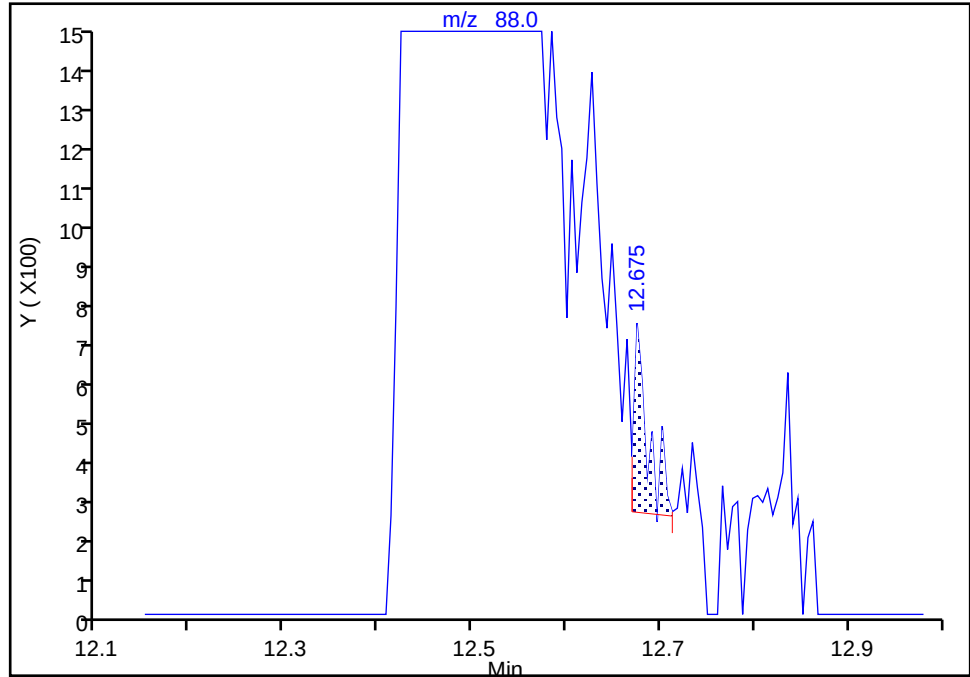
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-009.D
Injection Date: 21-Nov-2022 21:05:30 Instrument ID: CHG.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

55 1,4-Dioxane, CAS: 123-91-1

Signal: 1

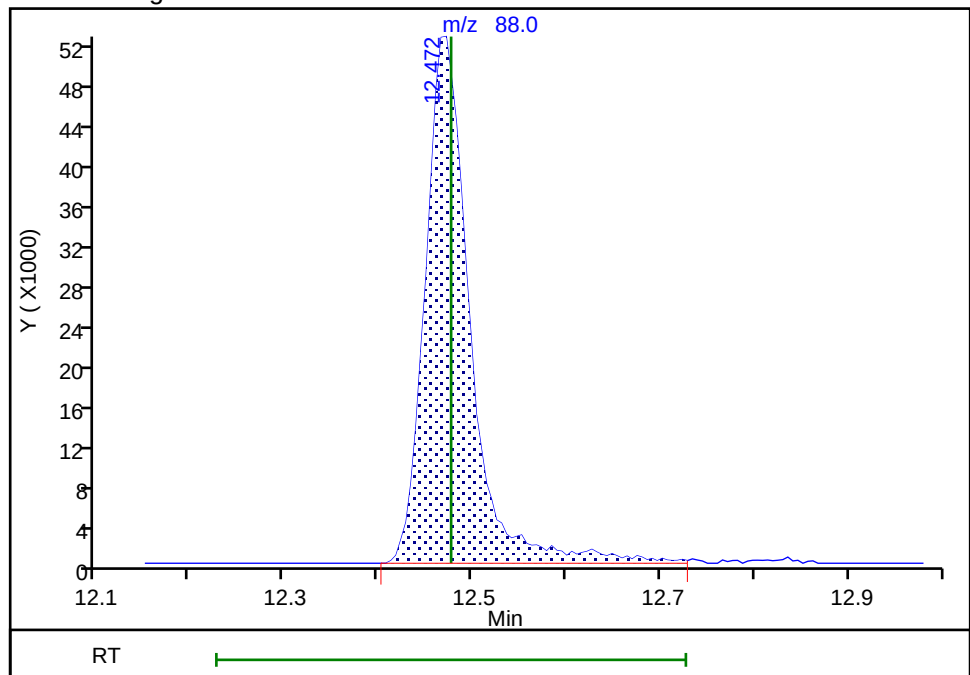
RT: 12.68
Area: 484
Amount: 0.066549
Amount Units: ppb v/v

Processing Integration Results



RT: 12.47
Area: 172983
Amount: 18.073638
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 22-Nov-2022 12:21:42

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-012.D
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 21-Nov-2022 23:44:30 ALS Bottle#: 12 Worklist Smp#: 12
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053415-012
 Misc. Info.: ic-7
 Operator ID: vtp Instrument ID: CHG.i
 Sublist: chrom-TO15_MasterMethod_(v1)_G*sub16
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 22-Nov-2022 07:28:48 Calib Date: 22-Nov-2022 00:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1666

First Level Reviewer: bunmaa

Date: 22-Nov-2022 13:22:47

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	3.115	3.115	0.000	97	188507	20.0	19.1	
2 Dichlorodifluoromethane	85	3.174	3.174	0.000	100	1206318	20.0	19.3	
3 Chlorodifluoromethane	51	3.201	3.201	0.000	96	498733	20.0	19.1	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.399	3.399	0.000	97	1021988	20.0	18.6	
5 Chloromethane	50	3.479	3.479	0.000	98	226193	20.0	19.3	
6 Vinyl chloride	62	3.682	3.682	0.000	99	276476	20.0	17.8	
7 Butane	43	3.682	3.682	0.000	94	305765	20.0	18.5	
8 Butadiene	54	3.762	3.762	0.000	96	181641	20.0	19.8	
9 Bromomethane	94	4.265	4.265	0.000	98	362045	20.0	18.5	
10 Chloroethane	64	4.458	4.463	-0.005	97	96370	20.0	17.9	
11 2-Methylbutane	43	4.618	4.618	0.000	87	192566	20.0	17.5	
12 Vinyl bromide	106	4.790	4.784	0.006	97	359357	20.0	18.0	
13 Trichlorofluoromethane	101	4.913	4.913	0.000	100	1051951	20.0	17.9	
14 Pentane	43	5.078	5.078	0.000	95	284438	20.0	18.0	
15 Ethanol	45	5.207	5.218	-0.011	96	165468	40.0	37.2	
16 Ethyl ether	59	5.421	5.426	-0.005	95	109297	20.0	17.7	
17 Acrolein	56	5.640	5.635	0.005	98	52540	20.0	19.4	
18 1,1-Dichloroethene	96	5.817	5.817	0.000	97	300939	20.0	17.0	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	5.849	5.843	0.006	92	678570	20.0	17.8	
19 Acetone	43	5.886	5.886	0.000	100	274435	20.0	18.9	
22 Isopropyl alcohol	45	6.148	6.154	-0.006	100	327772	20.0	18.9	
23 Carbon disulfide	76	6.197	6.197	0.000	100	800687	20.0	18.6	
24 Acetonitrile	41	6.352	6.357	-0.005	99	96073	20.0	18.7	
25 3-Chloro-1-propene	41	6.453	6.453	0.000	95	247450	20.0	18.4	
26 Methylene Chloride	49	6.673	6.673	0.000	87	257837	20.0	17.9	
27 2-Methyl-2-propanol	59	6.881	6.897	-0.016	95	457045	20.0	19.0	
28 Acrylonitrile	53	7.063	7.063	0.000	93	108473	20.0	19.5	
29 trans-1,2-Dichloroethene	61	7.159	7.159	0.000	95	374653	20.0	18.6	
30 Methyl tert-butyl ether	73	7.170	7.176	-0.006	94	622533	20.0	18.4	
31 Hexane	57	7.662	7.662	0.000	87	276546	20.0	18.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 1,1-Dichloroethane	63	7.914	7.908	0.006	99	425836	20.0	18.9	
33 Vinyl acetate	43	7.924	7.924	0.000	99	433524	20.0	19.3	
34 2-Butanone (MEK)	72	8.887	8.893	-0.006	100	96957	20.0	19.1	
35 cis-1,2-Dichloroethene	96	8.898	8.898	0.000	89	324676	20.0	20.4	
36 Ethyl acetate	88	8.968	8.978	-0.010	99	15226	20.0	18.7	
* 37 Chlorobromomethane	128	9.315	9.315	0.000	70	191933	10.0	10.0	
38 Tetrahydrofuran	42	9.385	9.385	0.000	83	183430	20.0	19.0	
39 Chloroform	83	9.503	9.503	0.000	96	747882	20.0	18.5	
S 43 1,2-Dichloroethene, Total	61				0		40.0	39.0	
40 1,1,1-Trichloroethane	97	9.829	9.824	0.005	94	875289	20.0	18.1	
41 Cyclohexane	84	9.973	9.968	0.005	93	354135	20.0	17.6	
42 Carbon tetrachloride	117	10.123	10.118	0.005	98	1034763	20.0	20.3	
44 Benzene	78	10.498	10.492	0.006	95	869061	20.0	17.7	
45 1,2-Dichloroethane	62	10.578	10.573	0.005	99	439439	20.0	18.1	
46 Isooctane	57	10.744	10.738	0.006	97	1221712	20.0	18.2	
47 n-Heptane	43	11.086	11.086	0.000	89	439640	20.0	18.0	
* 48 1,4-Difluorobenzene	114	11.316	11.311	0.005	92	902932	10.0	10.0	
49 n-Butanol	56	11.637	11.648	-0.011	89	179125	20.0	18.2	
50 Trichloroethene	95	11.792	11.792	0.000	97	650056	20.0	18.3	
51 1,2-Dichloropropane	63	12.306	12.306	0.000	86	294872	20.0	17.7	
54 Methyl methacrylate	69	12.434	12.434	0.000	95	272904	20.0	18.9	
53 Dibromomethane	174	12.477	12.477	0.000	87	799350	20.0	18.3	
55 1,4-Dioxane	88	12.472	12.477	-0.005	42	218999	20.0	19.8	
56 Dichlorobromomethane	83	12.830	12.825	0.005	98	971653	20.0	19.2	
58 cis-1,3-Dichloropropene	75	13.718	13.713	0.005	92	623783	20.0	18.4	
59 4-Methyl-2-pentanone (MIBK)	43	14.034	14.039	-0.005	96	575356	20.0	19.0	
A 61 Toluene Range	92	14.414	(14.374-14.454)		0	2767097	NC	NC	
60 Toluene	92	14.414	14.414	0.000	94	721094	20.0	17.2	
63 n-Octane	43	14.703	14.697	0.006	87	627029	20.0	18.7	
A 64 C8 Range	1	14.697	(14.659-14.747)		0	2685500	NC	NC	
65 trans-1,3-Dichloropropene	75	14.868	14.868	0.000	98	564659	20.0	18.9	
66 1,1,2-Trichloroethane	83	15.275	15.270	0.005	96	382243	20.0	17.6	
67 Tetrachloroethene	166	15.478	15.478	0.000	96	1090056	20.0	17.7	
68 2-Hexanone	43	15.746	15.740	0.006	96	573033	20.0	18.6	
69 Chlorodibromomethane	129	16.051	16.051	0.000	97	1232093	20.0	18.5	
70 Ethylene Dibromide	107	16.302	16.302	0.000	99	845008	20.0	17.9	
* 71 Chlorobenzene-d5	117	17.276	17.276	0.000	82	926640	10.0	10.0	
72 Chlorobenzene	112	17.340	17.340	0.000	98	1160095	20.0	17.5	
73 Ethylbenzene	91	17.554	17.549	0.005	97	1587573	20.0	17.2	
74 m-Xylene & p-Xylene	106	17.832	17.832	0.000	0	1327855	40.0	36.4	
75 n-Nonane	57	17.912	17.912	0.000	85	559319	20.0	18.3	
76 o-Xylene	106	18.645	18.645	0.000	99	652790	20.0	17.2	
77 Styrene	104	18.683	18.677	0.006	97	1042795	20.0	18.5	
78 Bromoform	173	19.046	19.046	0.000	98	1488769	20.0	18.8	
79 Isopropylbenzene	105	19.400	19.400	0.000	95	1811741	20.0	18.2	
S 82 Xylenes, Total	106				0		60.0	53.6	
80 1,1,2,2-Tetrachloroethane	83	19.951	19.951	0.000	99	969665	20.0	17.5	
81 1,2,3-Trichloropropane	75	20.052	20.052	0.000	98	740775	20.0	17.6	
83 N-Propylbenzene	91	20.165	20.165	0.000	100	2031807	20.0	18.2	
84 2-Chlorotoluene	91	20.309	20.309	0.000	96	1347609	20.0	17.7	
85 4-Ethyltoluene	105	20.373	20.368	0.005	99	1772888	20.0	18.5	
86 1,3,5-Trimethylbenzene	105	20.475	20.475	0.000	94	1502014	20.0	18.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 n-Decane	57	20.518	20.512	0.006	93	647930	20.0	20.1	
88 Alpha Methyl Styrene	118	20.812	20.812	0.000	91	853763	20.0	18.9	
89 tert-Butylbenzene	119	20.972	20.972	0.000	93	1459533	20.0	18.4	
90 1,2,4-Trimethylbenzene	105	21.063	21.063	0.000	97	1527119	20.0	18.0	
91 sec-Butylbenzene	105	21.309	21.309	0.000	99	2137435	20.0	18.7	
92 1,3-Dichlorobenzene	146	21.481	21.481	0.000	94	1386535	20.0	17.9	
93 4-Isopropyltoluene	119	21.534	21.534	0.000	97	1875680	20.0	19.0	
94 1,4-Dichlorobenzene	146	21.625	21.625	0.000	97	1409554	20.0	18.1	
95 Benzyl chloride	91	21.780	21.780	0.000	100	1519011	20.0	18.5	
97 n-Butylbenzene	91	22.101	22.101	0.000	98	1604819	20.0	19.0	
96 1,2-Dichlorobenzene	146	22.123	22.123	0.000	99	1363709	20.0	17.9	
98 Undecane	57	22.262	22.262	0.000	92	692291	20.0	20.6	
99 Dodecane	57	23.861	23.861	0.000	97	584348	20.0	21.4	
100 1,2,4-Trichlorobenzene	180	24.589	24.589	0.000	93	1447027	20.0	19.6	
101 Hexachlorobutadiene	225	24.840	24.840	0.000	94	1396117	20.0	19.6	
102 Naphthalene	128	25.070	25.070	0.000	99	2531489	20.0	19.2	
103 1,2,3-Trichlorobenzene	180	25.482	25.482	0.000	95	1218140	20.0	19.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL6w_00212

Amount Added: 200.00

Units: mL

ATTO15GIS_00019

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 22-Nov-2022 07:28:48

Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-012.D

Injection Date: 21-Nov-2022 23:44:30

Instrument ID: CHG.i

Operator ID: vtp

Lims ID: ic

Worklist Smp#: 12

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

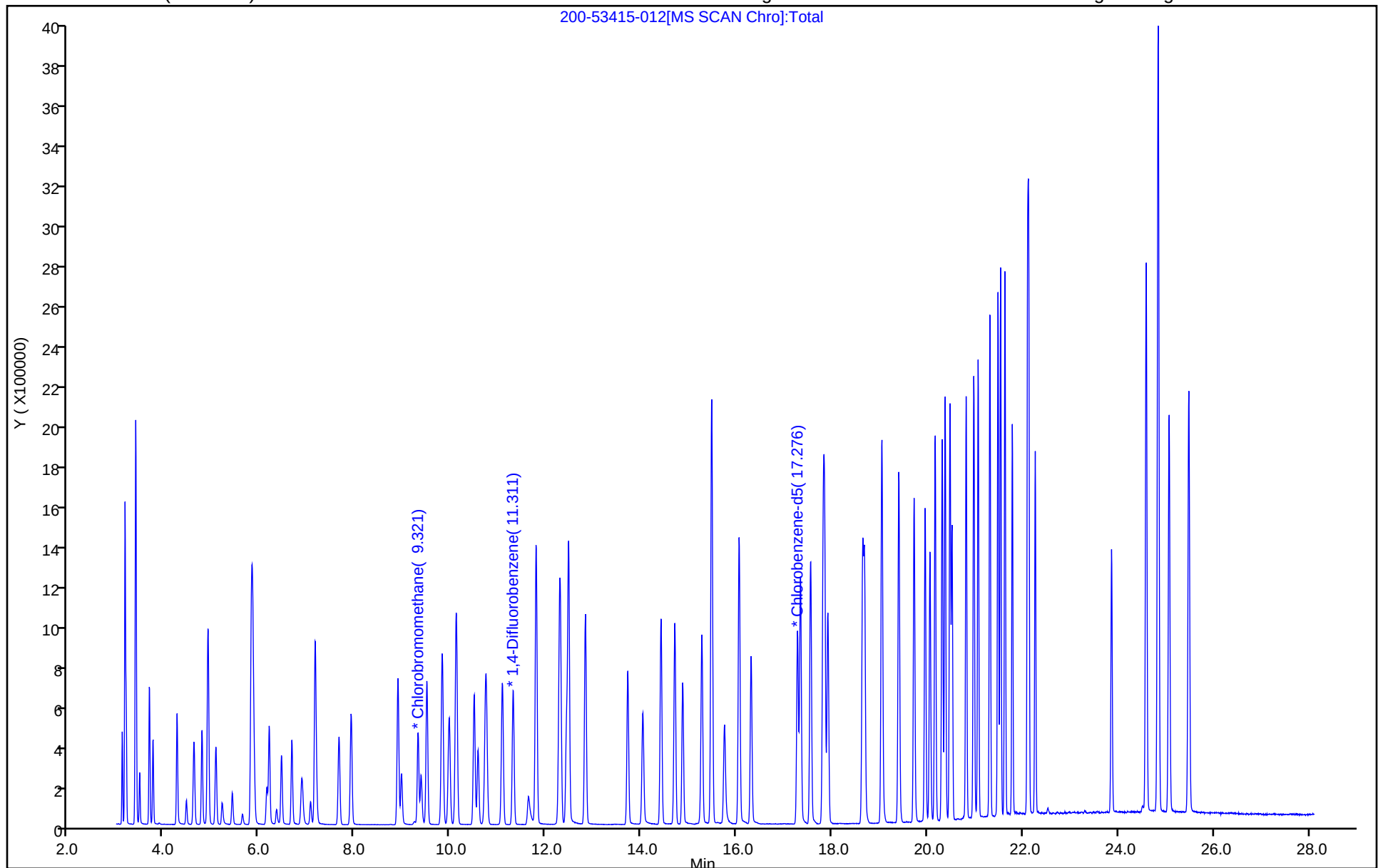
ALS Bottle#: 12

Method: TO15_MasterMethod_(v1)_G

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\CHG.i\20221121-53415.b\200-53415-013.D
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 22-Nov-2022 00:38:30 ALS Bottle#: 13 Worklist Smp#: 13
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053415-013
 Misc. Info.: ic-8
 Operator ID: vtp Instrument ID: CHG.i
 Sublist: chrom-TO15_MasterMethod_(v1)_G*sub16
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 22-Nov-2022 07:28:50 Calib Date: 22-Nov-2022 00:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1666

First Level Reviewer: bunmaa

Date: 22-Nov-2022 13:23:30

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	3.115	3.115	0.000	97	408831	40.0	34.6	
2 Dichlorodifluoromethane	85	3.174	3.174	0.000	100	2714363	40.0	36.4	
3 Chlorodifluoromethane	51	3.195	3.201	-0.006	97	1096139	40.0	35.1	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.399	3.399	0.000	97	2345915	40.0	35.8	
5 Chloromethane	50	3.479	3.479	0.000	99	502587	40.0	35.9	
6 Vinyl chloride	62	3.682	3.682	0.000	99	628031	40.0	33.8	
7 Butane	43	3.688	3.682	0.006	95	679946	40.0	34.3	
8 Butadiene	54	3.763	3.762	0.001	95	408704	40.0	37.3	
9 Bromomethane	94	4.265	4.265	0.000	98	840274	40.0	35.9	
10 Chloroethane	64	4.463	4.463	0.000	97	226801	40.0	35.2	
11 2-Methylbutane	43	4.618	4.618	0.000	87	427178	40.0	32.5	
12 Vinyl bromide	106	4.790	4.784	0.006	98	821997	40.0	34.5	
13 Trichlorofluoromethane	101	4.913	4.913	0.000	100	2399222	40.0	34.2	
14 Pentane	43	5.079	5.078	0.001	95	606428	40.0	32.1	
15 Ethanol	45	5.212	5.218	-0.006	96	446223	80.0	84.0	
16 Ethyl ether	59	5.421	5.426	-0.005	95	269249	40.0	36.6	
17 Acrolein	56	5.630	5.635	-0.005	98	147624	40.0	45.5	
18 1,1-Dichloroethene	96	5.817	5.817	0.000	97	670126	40.0	31.7	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	5.849	5.843	0.006	93	1537449	40.0	33.6	
19 Acetone	43	5.881	5.886	-0.005	99	637265	40.0	36.7	
22 Isopropyl alcohol	45	6.154	6.154	0.000	100	681500	40.0	32.9	
23 Carbon disulfide	76	6.197	6.197	0.001	100	1756065	40.0	34.2	
24 Acetonitrile	41	6.352	6.357	-0.005	99	238096	40.0	38.8	
25 3-Chloro-1-propene	41	6.459	6.453	0.006	95	569169	40.0	35.4	
26 Methylene Chloride	49	6.673	6.673	0.000	85	582379	40.0	33.9	
27 2-Methyl-2-propanol	59	6.887	6.897	-0.010	94	965474	40.0	33.6	
28 Acrylonitrile	53	7.069	7.063	0.006	94	274423	40.0	41.3	
29 trans-1,2-Dichloroethene	61	7.160	7.159	0.001	94	843817	40.0	35.0	
30 Methyl tert-butyl ether	73	7.176	7.176	0.000	94	1504996	40.0	37.2	
31 Hexane	57	7.662	7.662	0.000	87	635189	40.0	34.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 1,1-Dichloroethane	63	7.914	7.908	0.006	99	990373	40.0	36.8	
33 Vinyl acetate	43	7.925	7.924	0.001	99	1064745	40.0	39.6	
34 2-Butanone (MEK)	72	8.893	8.893	0.000	99	228707	40.0	37.7	
35 cis-1,2-Dichloroethene	96	8.904	8.898	0.006	88	769665	40.0	40.4	
36 Ethyl acetate	88	8.979	8.978	0.000	99	36706	40.0	37.7	
* 37 Chlorobromomethane	128	9.326	9.315	0.011	70	229455	10.0	10.0	
38 Tetrahydrofuran	42	9.385	9.385	0.000	81	420166	40.0	33.3	
39 Chloroform	83	9.508	9.503	0.005	96	1771750	40.0	36.6	
S 43 1,2-Dichloroethene, Total	61				0		80.0	75.4	
40 1,1,1-Trichloroethane	97	9.829	9.824	0.005	94	2097910	40.0	33.1	
41 Cyclohexane	84	9.974	9.968	0.006	93	827987	40.0	31.5	
42 Carbon tetrachloride	117	10.123	10.118	0.005	98	2517437	40.0	37.6	
44 Benzene	78	10.498	10.492	0.006	95	2328792	40.0	36.2	
45 1,2-Dichloroethane	62	10.583	10.573	0.010	99	1185691	40.0	37.2	
46 Isooctane	57	10.744	10.738	0.006	97	2832263	40.0	32.2	
47 n-Heptane	43	11.092	11.086	0.006	87	1001639	40.0	31.3	
* 48 1,4-Difluorobenzene	114	11.316	11.311	0.005	92	1183226	10.0	10.0	
49 n-Butanol	56	11.632	11.648	-0.016	88	385781	40.0	29.9	
50 Trichloroethene	95	11.798	11.792	0.006	96	1478794	40.0	31.7	
51 1,2-Dichloropropane	63	12.311	12.306	0.005	84	762966	40.0	34.9	
54 Methyl methacrylate	69	12.440	12.434	0.006	93	677536	40.0	35.7	
53 Dibromomethane	174	12.483	12.477	0.006	87	1952169	40.0	34.1	
55 1,4-Dioxane	88	12.472	12.477	-0.005	89	454401	40.0	31.3	
56 Dichlorobromomethane	83	12.830	12.825	0.005	98	2357579	40.0	35.6	
58 cis-1,3-Dichloropropene	75	13.718	13.713	0.005	92	1652743	40.0	37.3	
59 4-Methyl-2-pentanone (MIBK)	43	14.034	14.039	-0.005	94	1249877	40.0	31.5	
A 61 Toluene Range	92	14.414	(14.374-14.454)		0	7262525	NC	NC	
60 Toluene	92	14.419	14.414	0.005	94	1907533	40.0	37.4	
63 n-Octane	43	14.708	14.697	0.011	91	1462869	40.0	33.3	
A 64 C8 Range	1	14.697	(14.659-14.747)		0	6458662	NC	NC	
65 trans-1,3-Dichloropropene	75	14.874	14.868	0.006	97	1459839	40.0	37.2	
66 1,1,2-Trichloroethane	83	15.275	15.270	0.005	95	983083	40.0	37.4	
67 Tetrachloroethene	166	15.478	15.478	0.000	96	2655158	40.0	35.7	
68 2-Hexanone	43	15.746	15.740	0.006	97	1250518	40.0	33.6	
69 Chlorodibromomethane	129	16.056	16.051	0.005	97	3323194	40.0	41.1	
70 Ethylene Dibromide	107	16.308	16.302	0.006	99	2277230	40.0	39.7	
* 71 Chlorobenzene-d5	117	17.281	17.276	0.005	82	1123139	10.0	10.0	
72 Chlorobenzene	112	17.340	17.340	0.000	98	3137832	40.0	39.0	
73 Ethylbenzene	91	17.554	17.549	0.005	97	4154319	40.0	37.2	
74 m-Xylene & p-Xylene	106	17.838	17.832	0.006	0	3488833	80.0	78.9	
75 n-Nonane	57	17.918	17.912	0.006	83	1500147	40.0	40.4	
76 o-Xylene	106	18.651	18.645	0.006	99	1731706	40.0	37.6	
77 Styrene	104	18.683	18.677	0.006	97	2790082	40.0	40.9	
78 Bromoform	173	19.052	19.046	0.006	99	4007099	40.0	41.9	
79 Isopropylbenzene	105	19.405	19.400	0.005	95	4911204	40.0	40.6	
S 82 Xylenes, Total	106				0		120.0	116.5	
80 1,1,2,2-Tetrachloroethane	83	19.956	19.951	0.005	99	2466874	40.0	36.8	
81 1,2,3-Trichloropropane	75	20.058	20.052	0.006	97	1899898	40.0	37.2	
83 N-Propylbenzene	91	20.165	20.165	0.000	100	5527494	40.0	40.9	
84 2-Chlorotoluene	91	20.315	20.309	0.006	96	3647917	40.0	39.6	
85 4-Ethyltoluene	105	20.379	20.368	0.011	99	4877430	40.0	41.9	
86 1,3,5-Trimethylbenzene	105	20.480	20.475	0.005	94	4157219	40.0	42.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 n-Decane	57	20.518	20.512	0.006	94	1832632	40.0	46.9	
88 Alpha Methyl Styrene	118	20.817	20.812	0.005	91	2383699	40.0	43.6	
89 tert-Butylbenzene	119	20.978	20.972	0.006	93	4117992	40.0	42.9	
90 1,2,4-Trimethylbenzene	105	21.069	21.063	0.006	97	4241823	40.0	41.3	
91 sec-Butylbenzene	105	21.315	21.309	0.006	99	6024563	40.0	43.5	
92 1,3-Dichlorobenzene	146	21.486	21.481	0.005	94	3881584	40.0	41.4	
93 4-Isopropyltoluene	119	21.540	21.534	0.006	97	5364866	40.0	44.8	
94 1,4-Dichlorobenzene	146	21.631	21.625	0.006	97	3931296	40.0	41.6	
95 Benzyl chloride	91	21.786	21.780	0.006	100	4149863	40.0	41.8	
97 n-Butylbenzene	91	22.101	22.101	0.000	98	4628712	40.0	45.3	
96 1,2-Dichlorobenzene	146	22.128	22.123	0.005	99	3764323	40.0	40.8	
98 Undecane	57	22.262	22.262	0.000	91	2002408	40.0	49.1	
99 Dodecane	57	23.861	23.861	0.000	98	1394988	40.0	42.1	
100 1,2,4-Trichlorobenzene	180	24.589	24.589	0.000	93	3964553	40.0	44.2	
101 Hexachlorobutadiene	225	24.840	24.840	0.000	94	3916548	40.0	45.3	
102 Naphthalene	128	25.070	25.070	0.000	99	6763766	40.0	42.2	
103 1,2,3-Trichlorobenzene	180	25.482	25.482	0.000	95	2989346	40.0	39.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15CAL6w_00212

Amount Added: 400.00

Units: mL

ATTO15GIS_00019

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 22-Nov-2022 07:28:50

Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-013.D

Injection Date: 22-Nov-2022 00:38:30

Instrument ID: CHG.i

Operator ID: vtp

Lims ID: ic

Worklist Smp#: 13

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

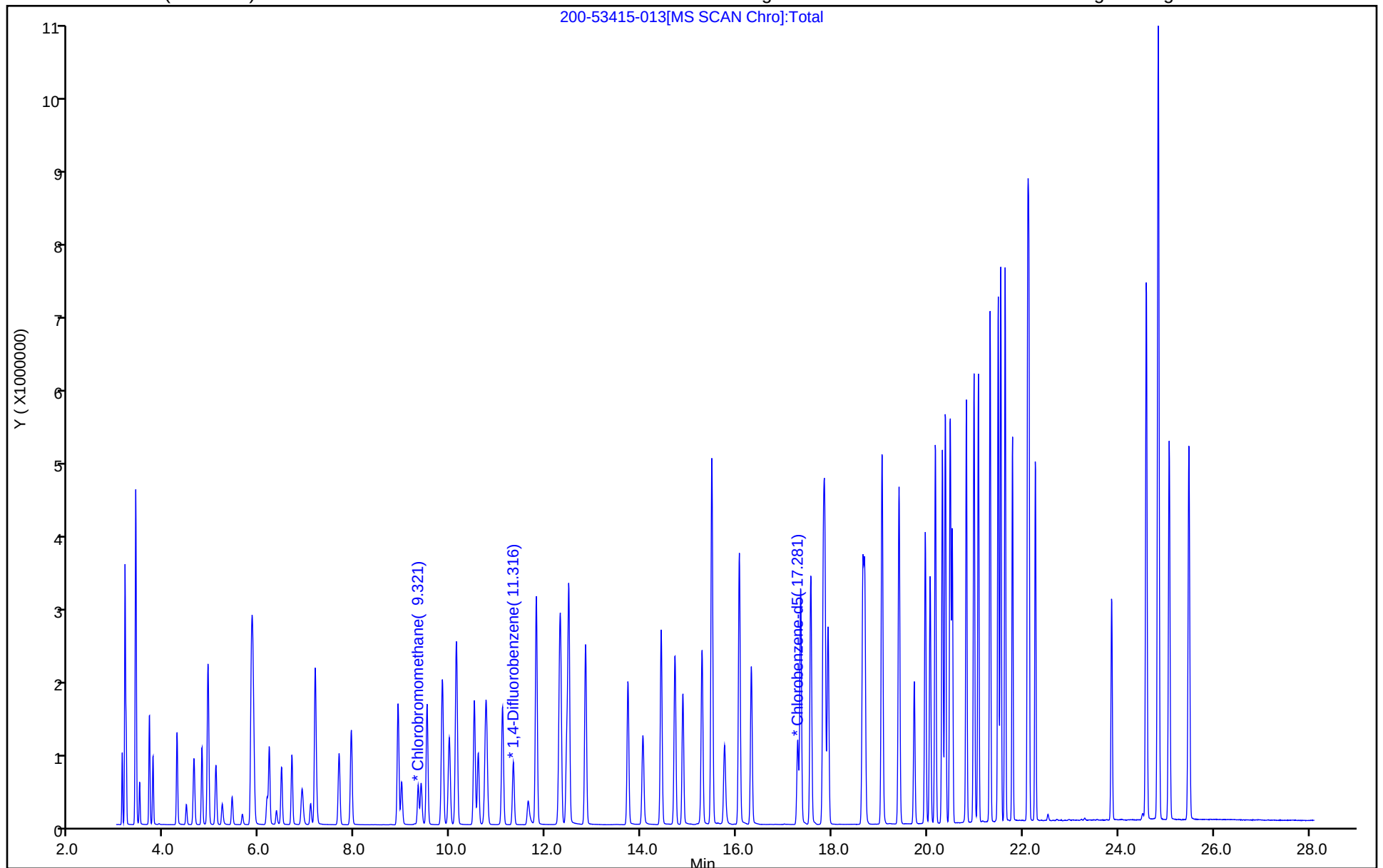
ALS Bottle#: 13

Method: TO15_MasterMethod_(v1)_G

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

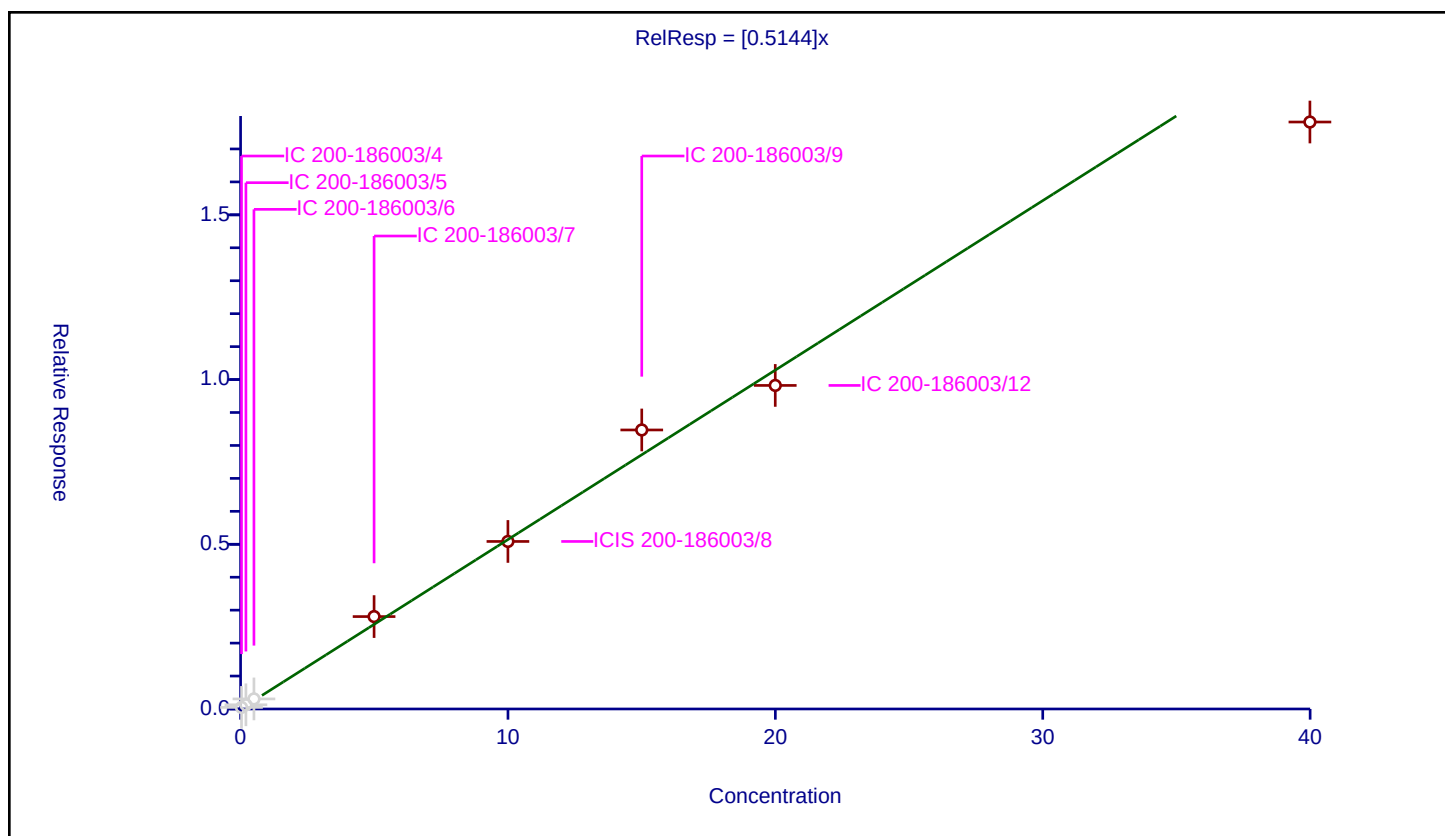
Curve Coefficients

Intercept: 0
Slope: 0.5144

Error Coefficients

Standard Error: 243000
Relative Standard Error: 9.8
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.048373	10.0	189982.0	1.379054	N
2	IC 200-186003/5	0.20044	0.127186	10.0	188936.0	0.634535	N
3	IC 200-186003/6	0.500453	0.305965	10.0	199925.0	0.611376	N
4	IC 200-186003/7	4.992563	2.805635	10.0	185049.0	0.561963	Y
5	ICIS 200-186003/8	9.99806	5.085392	10.0	184151.0	0.508638	Y
6	IC 200-186003/9	15.003557	8.470196	10.0	173349.0	0.564546	Y
7	IC 200-186003/12	19.99612	9.8215	10.0	191933.0	0.49117	Y
8	IC 200-186003/13	39.99224	17.817481	10.0	229455.0	0.445523	Y



Calibration

/ Dichlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

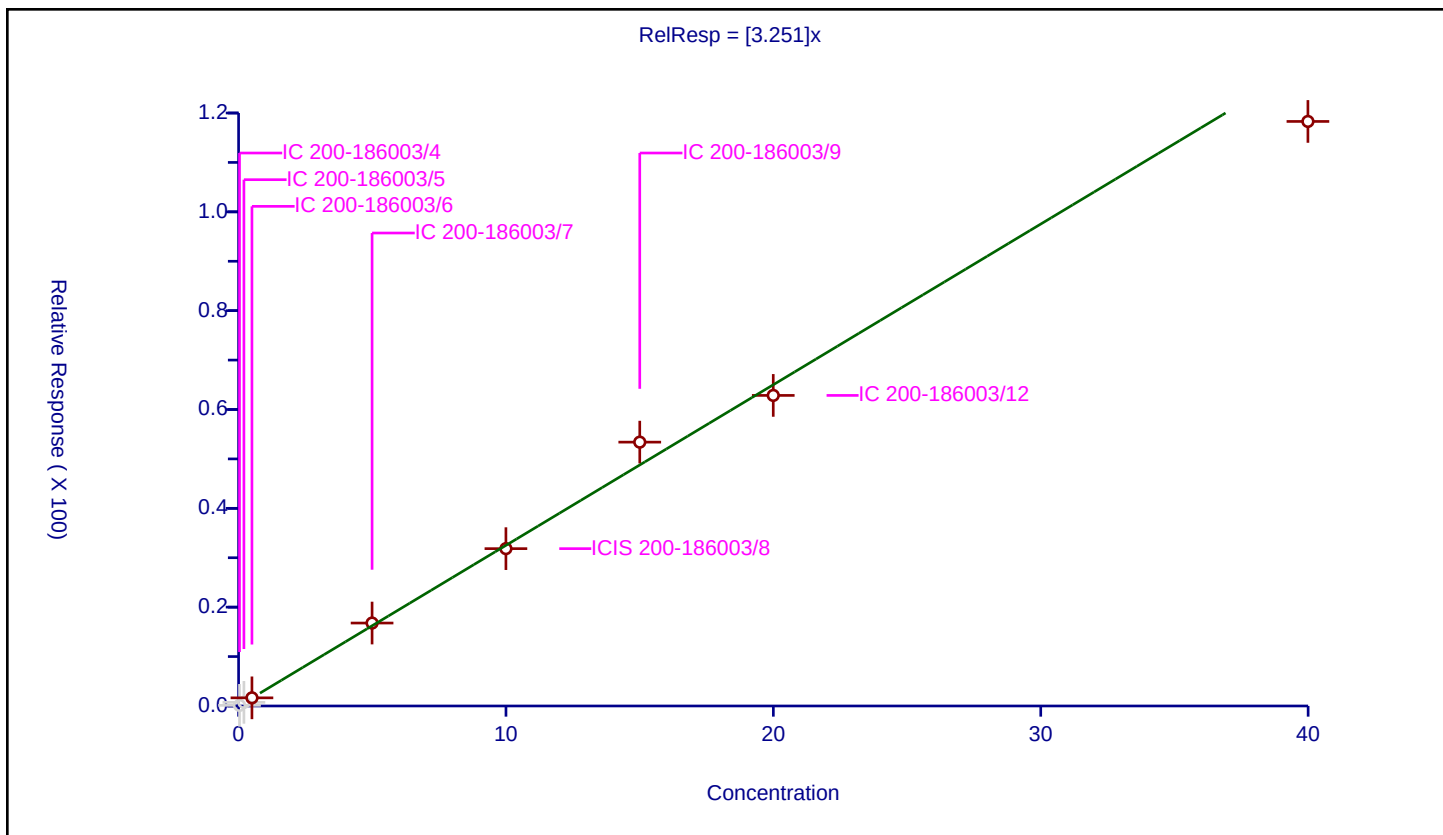
Curve Coefficients

Intercept: 0
 Slope: 3.251

Error Coefficients

Standard Error: 1420000
 Relative Standard Error: 6.3
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.128381	10.0	189982.0	3.659971	N
2	IC 200-186003/5	0.20044	0.73554	10.0	188936.0	3.669633	N
3	IC 200-186003/6	0.500453	1.650719	10.0	199925.0	3.298452	Y
4	IC 200-186003/7	4.992563	16.786797	10.0	185049.0	3.362361	Y
5	ICIS 200-186003/8	9.99806	31.843433	10.0	184151.0	3.184961	Y
6	IC 200-186003/9	15.003557	53.395059	10.0	173349.0	3.558827	Y
7	IC 200-186003/12	19.99612	62.850995	10.0	191933.0	3.14316	Y
8	IC 200-186003/13	39.99224	118.296093	10.0	229455.0	2.957976	Y



Calibration

/ Chlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

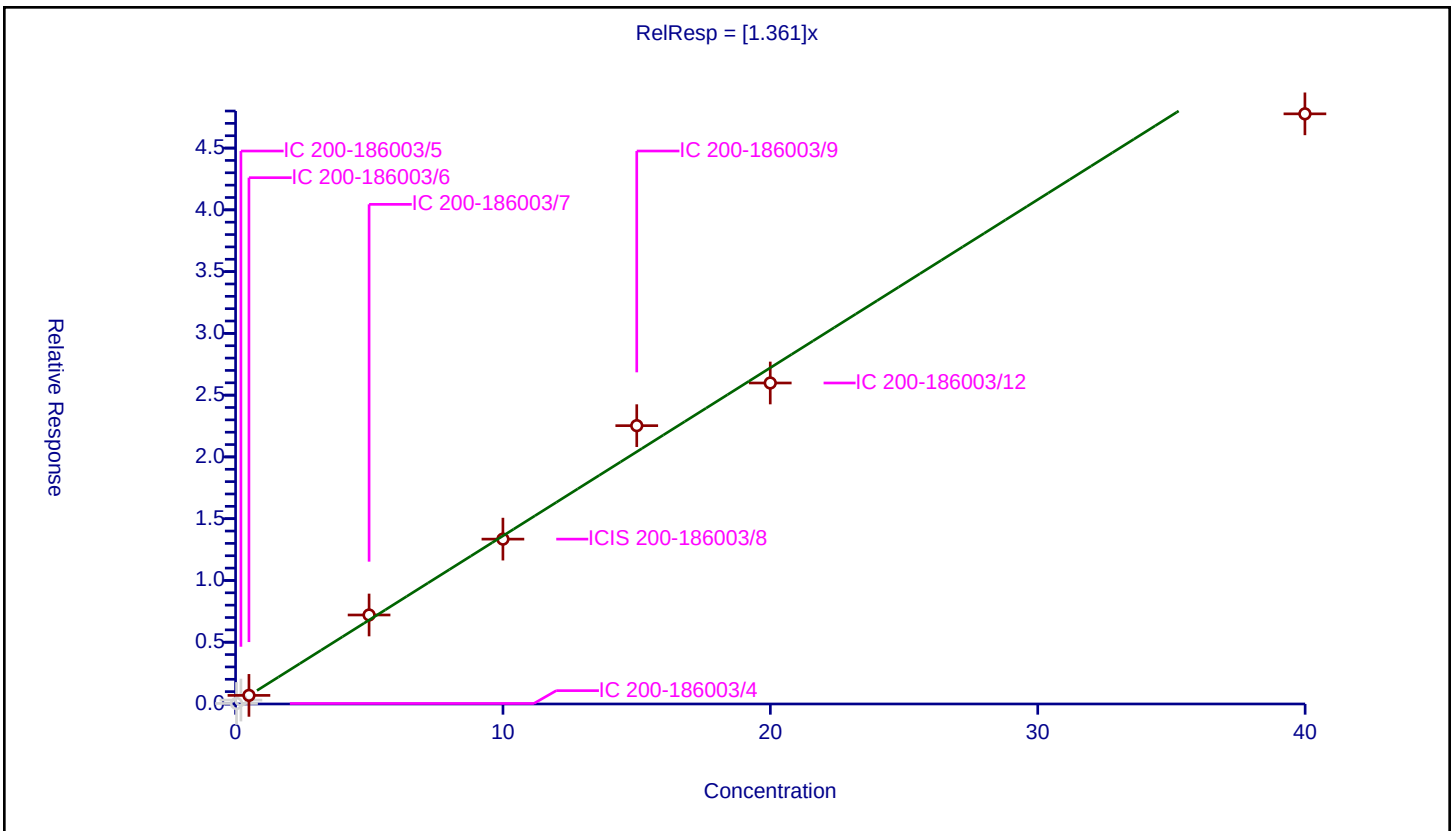
Curve Coefficients

Intercept: 0
 Slope: 1.361

Error Coefficients

Standard Error: 580000
 Relative Standard Error: 8.0
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.042846	10.0	189982.0	1.221491	N
2	IC 200-186003/5	0.20044	0.318256	10.0	188936.0	1.587789	N
3	IC 200-186003/6	0.500453	0.696561	10.0	199925.0	1.391863	Y
4	IC 200-186003/7	4.992563	7.204254	10.0	185049.0	1.442997	Y
5	ICIS 200-186003/8	9.99806	13.345298	10.0	184151.0	1.334789	Y
6	IC 200-186003/9	15.003557	22.529521	10.0	173349.0	1.501612	Y
7	IC 200-186003/12	19.99612	25.984745	10.0	191933.0	1.299489	Y
8	IC 200-186003/13	39.99224	47.771415	10.0	229455.0	1.194517	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

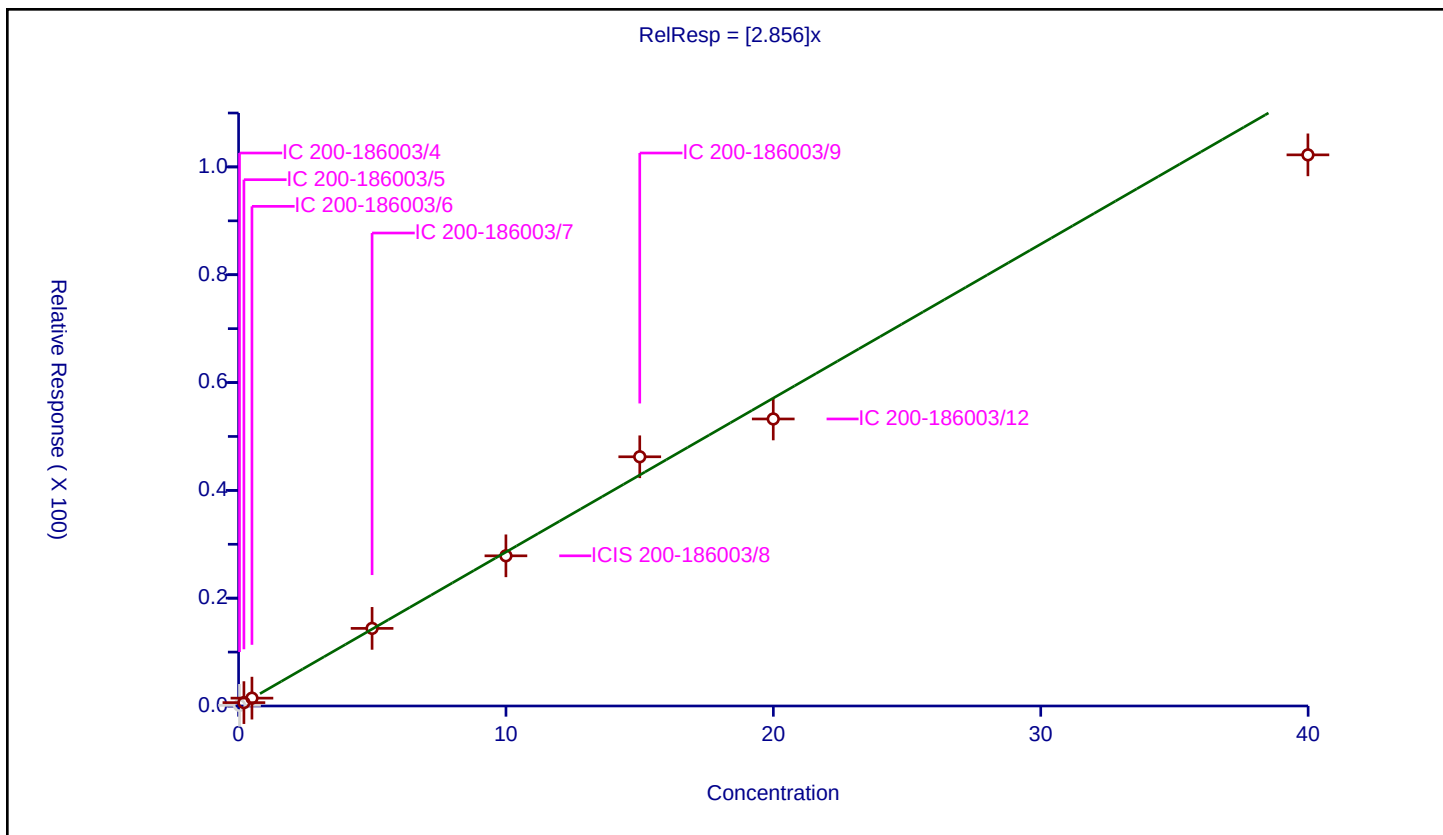
Curve Coefficients

Intercept: 0
 Slope: 2.856

Error Coefficients

Standard Error: 1120000
 Relative Standard Error: 7.2
 Correlation Coefficient: 0.995
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.114748	10.0	189982.0	3.271315	N
2	IC 200-186003/5	0.20044	0.62365	10.0	188936.0	3.111412	Y
3	IC 200-186003/6	0.500453	1.455496	10.0	199925.0	2.908359	Y
4	IC 200-186003/7	4.992563	14.399483	10.0	185049.0	2.884187	Y
5	ICIS 200-186003/8	9.99806	27.859257	10.0	184151.0	2.786466	Y
6	IC 200-186003/9	15.003557	46.231244	10.0	173349.0	3.081352	Y
7	IC 200-186003/12	19.99612	53.247123	10.0	191933.0	2.662873	Y
8	IC 200-186003/13	39.99224	102.238565	10.0	229455.0	2.55646	Y



Calibration

/ Chloromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

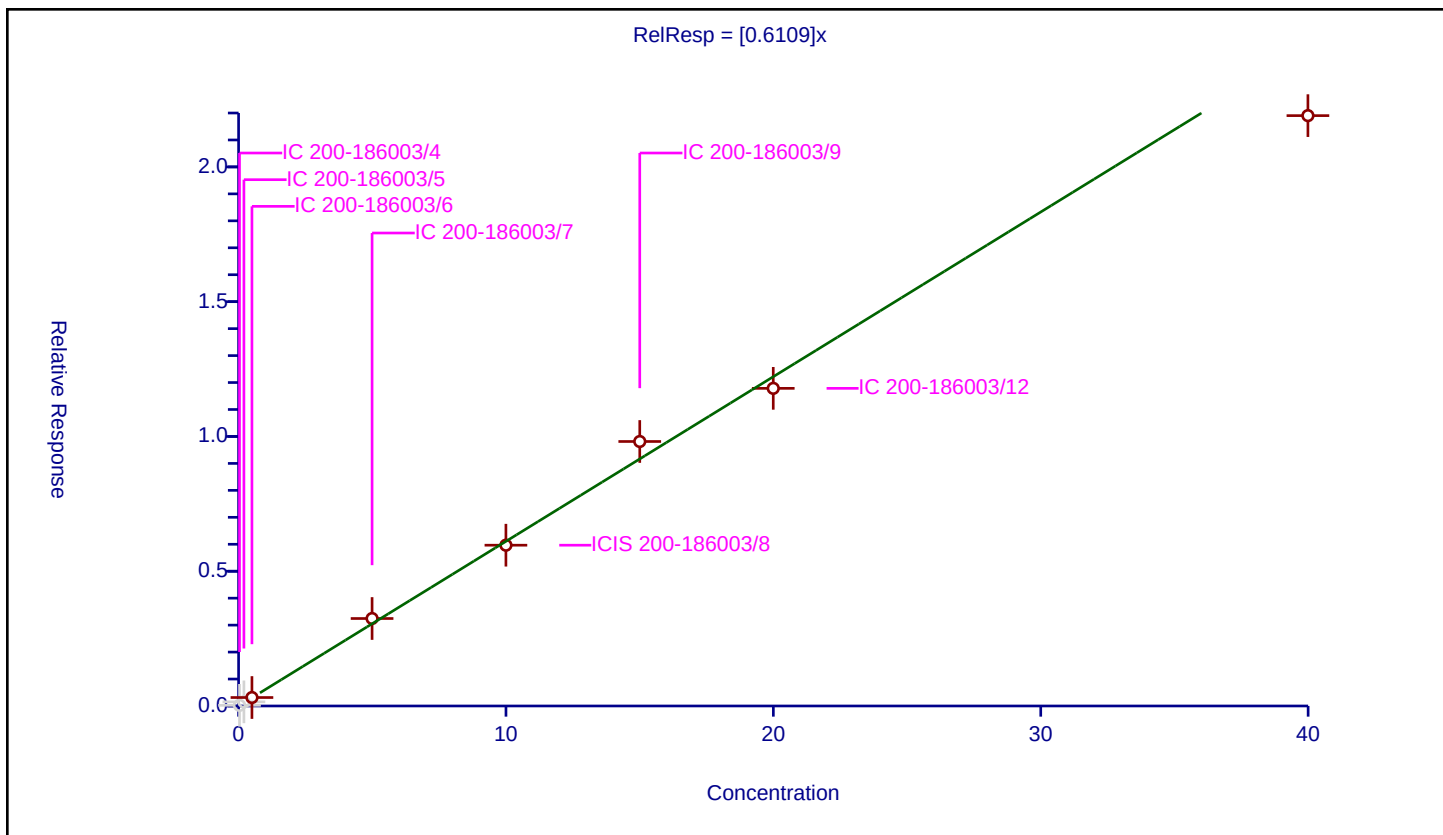
Curve Coefficients

Intercept: 0
 Slope: 0.6109

Error Coefficients

Standard Error: 264000
 Relative Standard Error: 6.7
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.024371	10.0	189982.0	0.694779	N
2	IC 200-186003/5	0.20044	0.153597	10.0	188936.0	0.7663	N
3	IC 200-186003/6	0.500453	0.314118	10.0	199925.0	0.627667	Y
4	IC 200-186003/7	4.992563	3.245411	10.0	185049.0	0.650049	Y
5	ICIS 200-186003/8	9.99806	5.965431	10.0	184151.0	0.596659	Y
6	IC 200-186003/9	15.003557	9.812632	10.0	173349.0	0.65402	Y
7	IC 200-186003/12	19.99612	11.784998	10.0	191933.0	0.589364	Y
8	IC 200-186003/13	39.99224	21.90351	10.0	229455.0	0.547694	Y



Calibration

/ Butane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

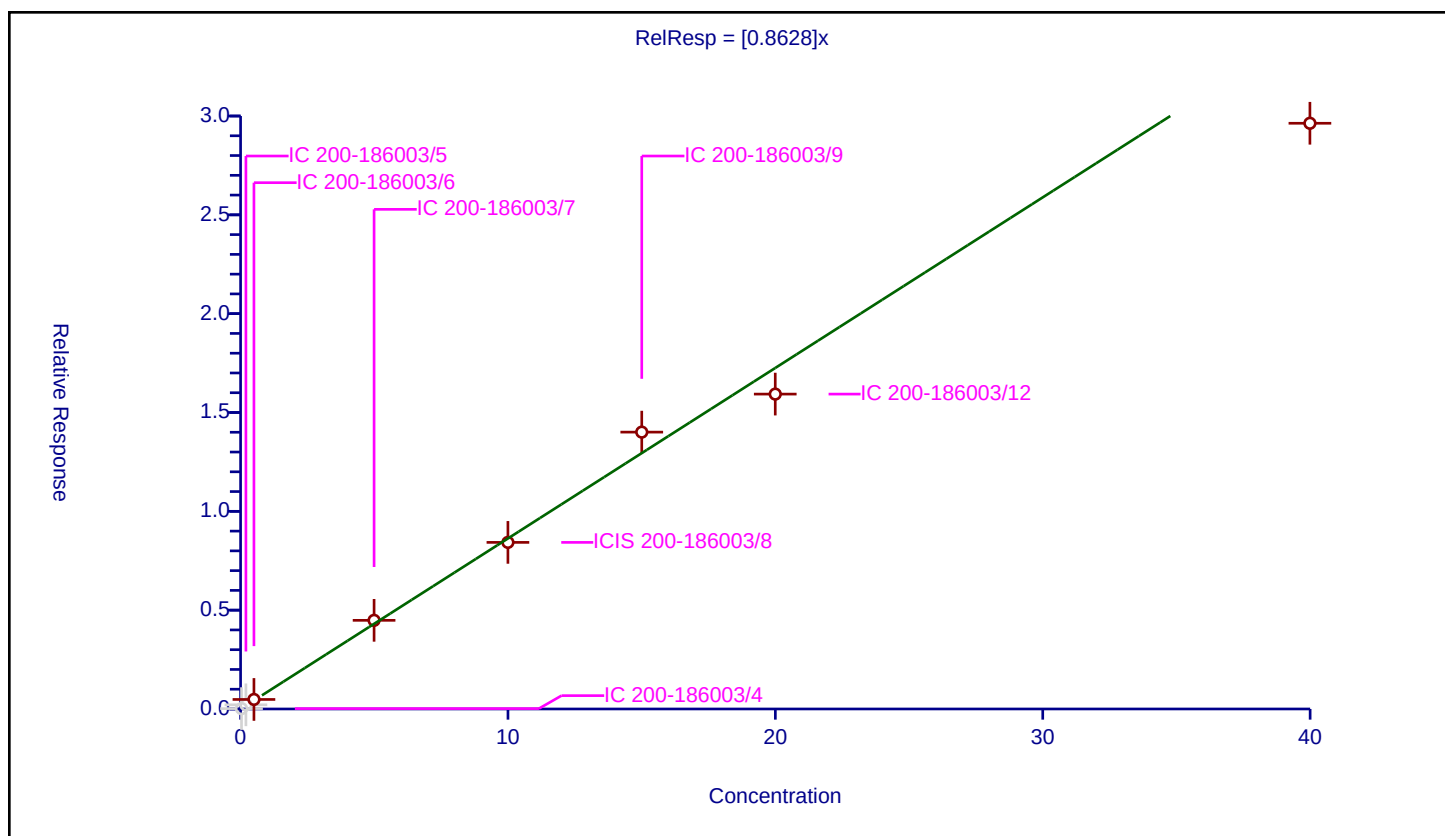
Curve Coefficients

Intercept: 0
 Slope: 0.8628

Error Coefficients

Standard Error: 359000
 Relative Standard Error: 9.9
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.019265	10.0	189982.0	0.549221	N
2	IC 200-186003/5	0.20044	0.211659	10.0	188936.0	1.055973	N
3	IC 200-186003/6	0.500453	0.482481	10.0	199925.0	0.964089	Y
4	IC 200-186003/7	4.992563	4.484704	10.0	185049.0	0.898277	Y
5	ICIS 200-186003/8	9.99806	8.429115	10.0	184151.0	0.843075	Y
6	IC 200-186003/9	15.003557	14.007234	10.0	173349.0	0.933594	Y
7	IC 200-186003/12	19.99612	15.93082	10.0	191933.0	0.796696	Y
8	IC 200-186003/13	39.99224	29.633087	10.0	229455.0	0.740971	Y



Calibration

/ Vinyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

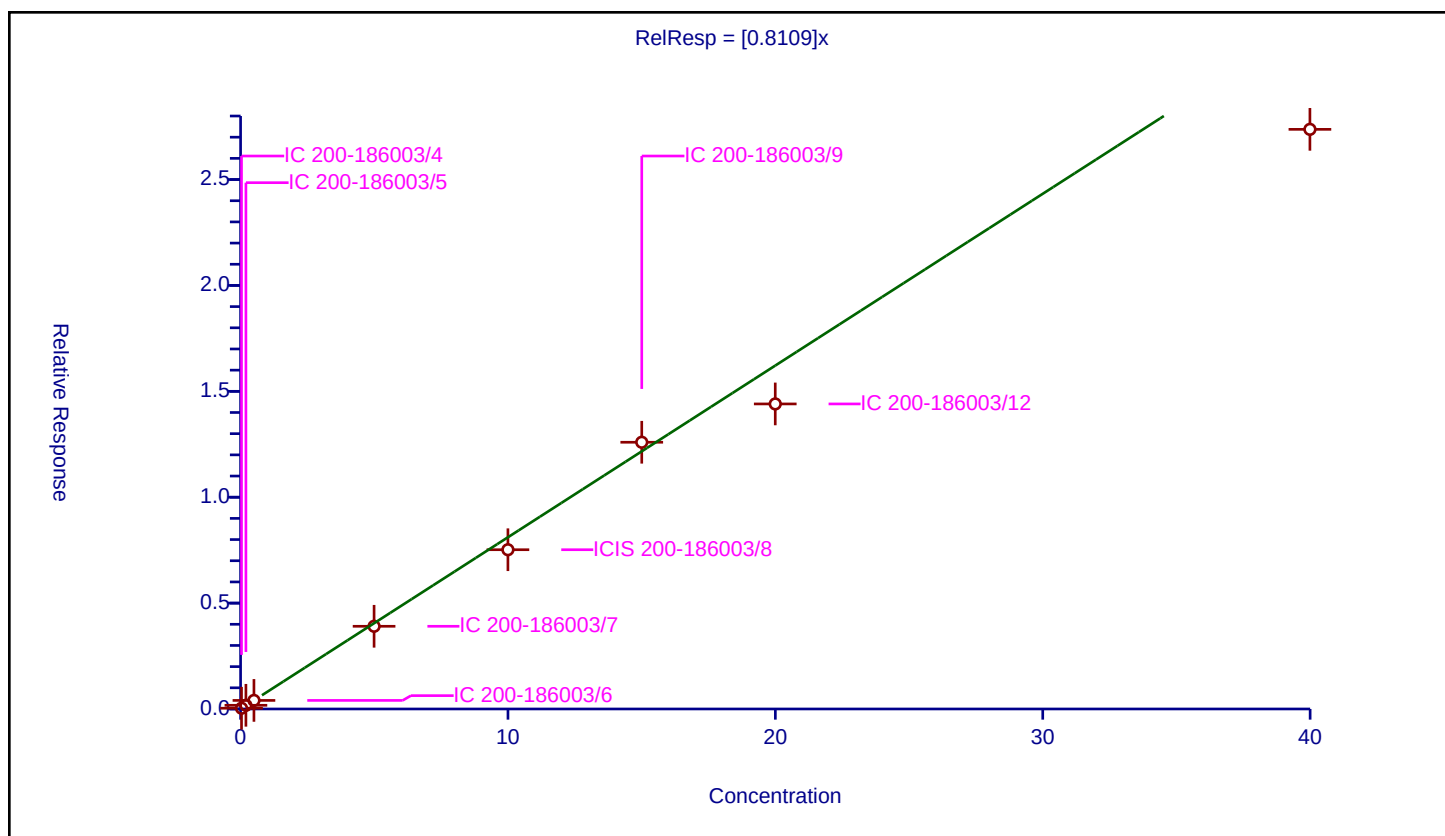
Curve Coefficients

Intercept: 0
 Slope: 0.8109

Error Coefficients

Standard Error: 279000
 Relative Standard Error: 13.3
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.036214	10.0	189982.0	1.032415	Y
2	IC 200-186003/5	0.20044	0.173974	10.0	188936.0	0.867963	Y
3	IC 200-186003/6	0.500453	0.404452	10.0	199925.0	0.808172	Y
4	IC 200-186003/7	4.992563	3.90556	10.0	185049.0	0.782276	Y
5	ICIS 200-186003/8	9.99806	7.520242	10.0	184151.0	0.75217	Y
6	IC 200-186003/9	15.003557	12.595112	10.0	173349.0	0.839475	Y
7	IC 200-186003/12	19.99612	14.404818	10.0	191933.0	0.720381	Y
8	IC 200-186003/13	39.99224	27.370552	10.0	229455.0	0.684397	Y



Calibration

/ Butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

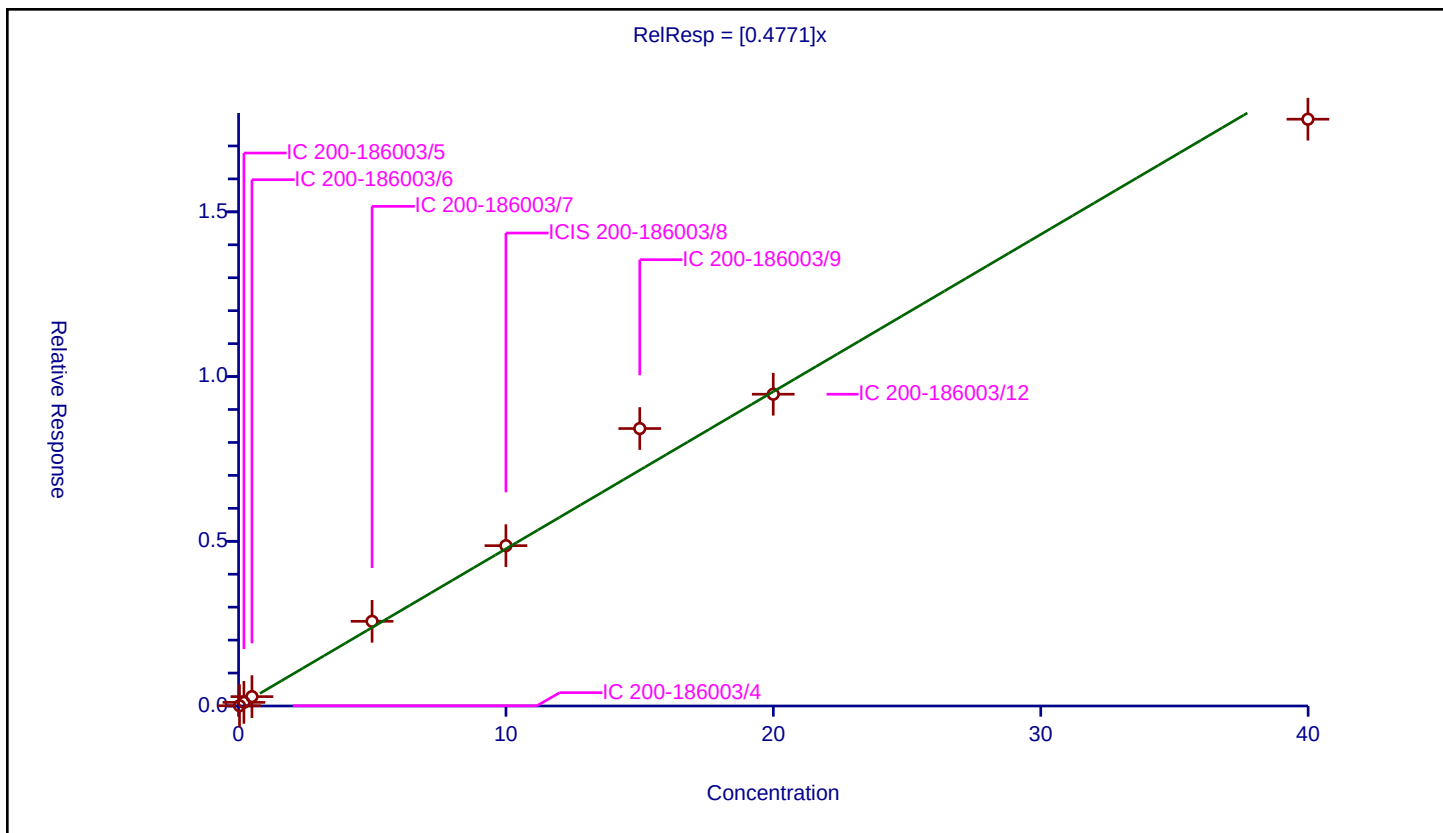
Curve Coefficients

Intercept: 0
 Slope: 0.4771

Error Coefficients

Standard Error: 182000
 Relative Standard Error: 23.7
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.950

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.007685	10.0	189982.0	0.219088	Y
2	IC 200-186003/5	0.20044	0.10972	10.0	188936.0	0.547395	Y
3	IC 200-186003/6	0.500453	0.284757	10.0	199925.0	0.568999	Y
4	IC 200-186003/7	4.992563	2.57067	10.0	185049.0	0.5149	Y
5	ICIS 200-186003/8	9.99806	4.866658	10.0	184151.0	0.48676	Y
6	IC 200-186003/9	15.003557	8.422085	10.0	173349.0	0.561339	Y
7	IC 200-186003/12	19.99612	9.463771	10.0	191933.0	0.47328	Y
8	IC 200-186003/13	39.99224	17.811946	10.0	229455.0	0.445385	Y



Calibration

/ Bromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

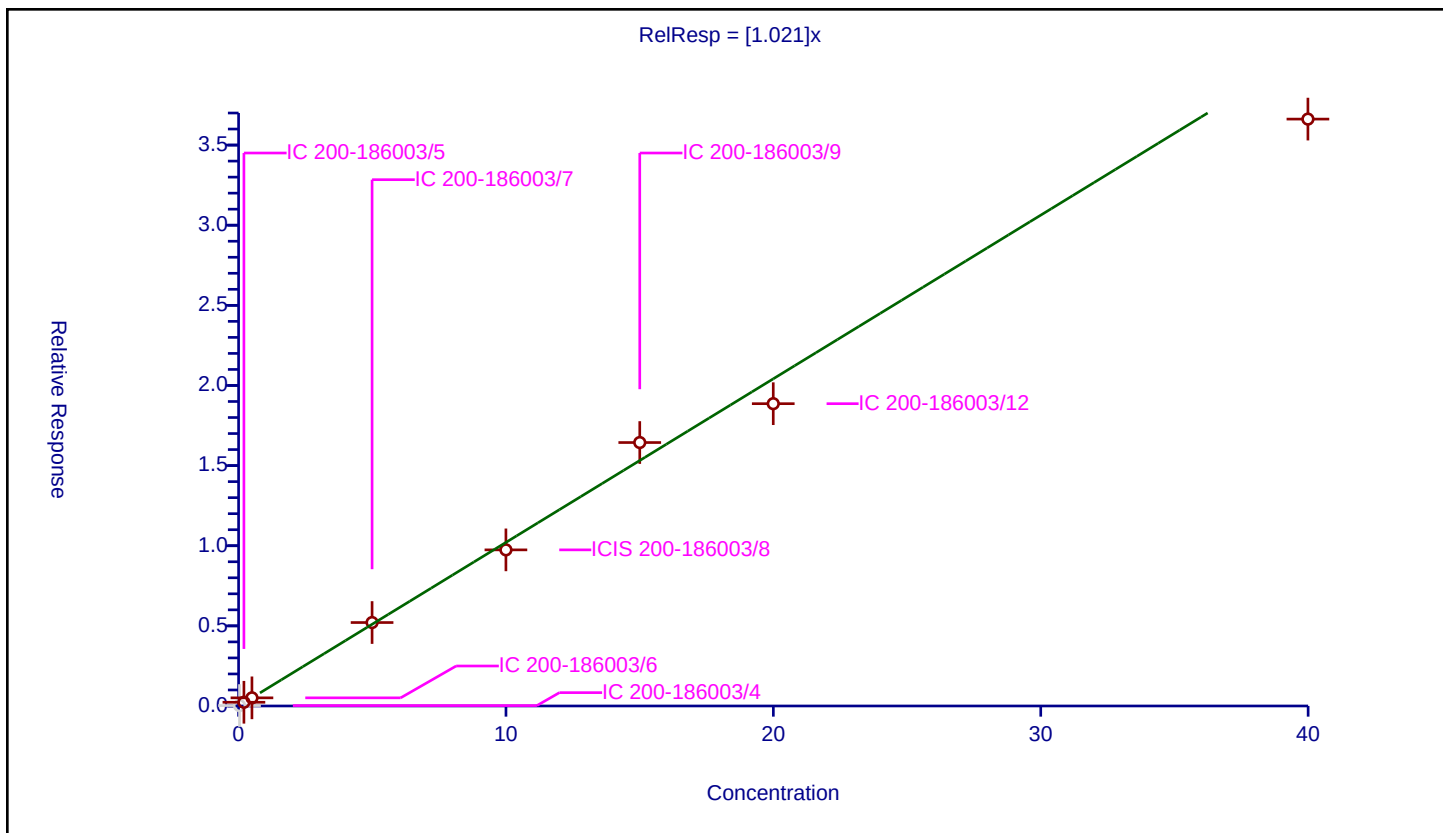
Curve Coefficients

Intercept: 0
 Slope: 1.021

Error Coefficients

Standard Error: 400000
 Relative Standard Error: 8.4
 Correlation Coefficient: 0.994
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.02616	10.0	189982.0	0.7458	N
2	IC 200-186003/5	0.20044	0.231983	10.0	188936.0	1.157372	Y
3	IC 200-186003/6	0.500453	0.508791	10.0	199925.0	1.016661	Y
4	IC 200-186003/7	4.992563	5.207918	10.0	185049.0	1.043135	Y
5	ICIS 200-186003/8	9.99806	9.741136	10.0	184151.0	0.974303	Y
6	IC 200-186003/9	15.003557	16.439206	10.0	173349.0	1.095687	Y
7	IC 200-186003/12	19.99612	18.863093	10.0	191933.0	0.943338	Y
8	IC 200-186003/13	39.99224	36.620427	10.0	229455.0	0.915688	Y



Calibration

/ Chloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

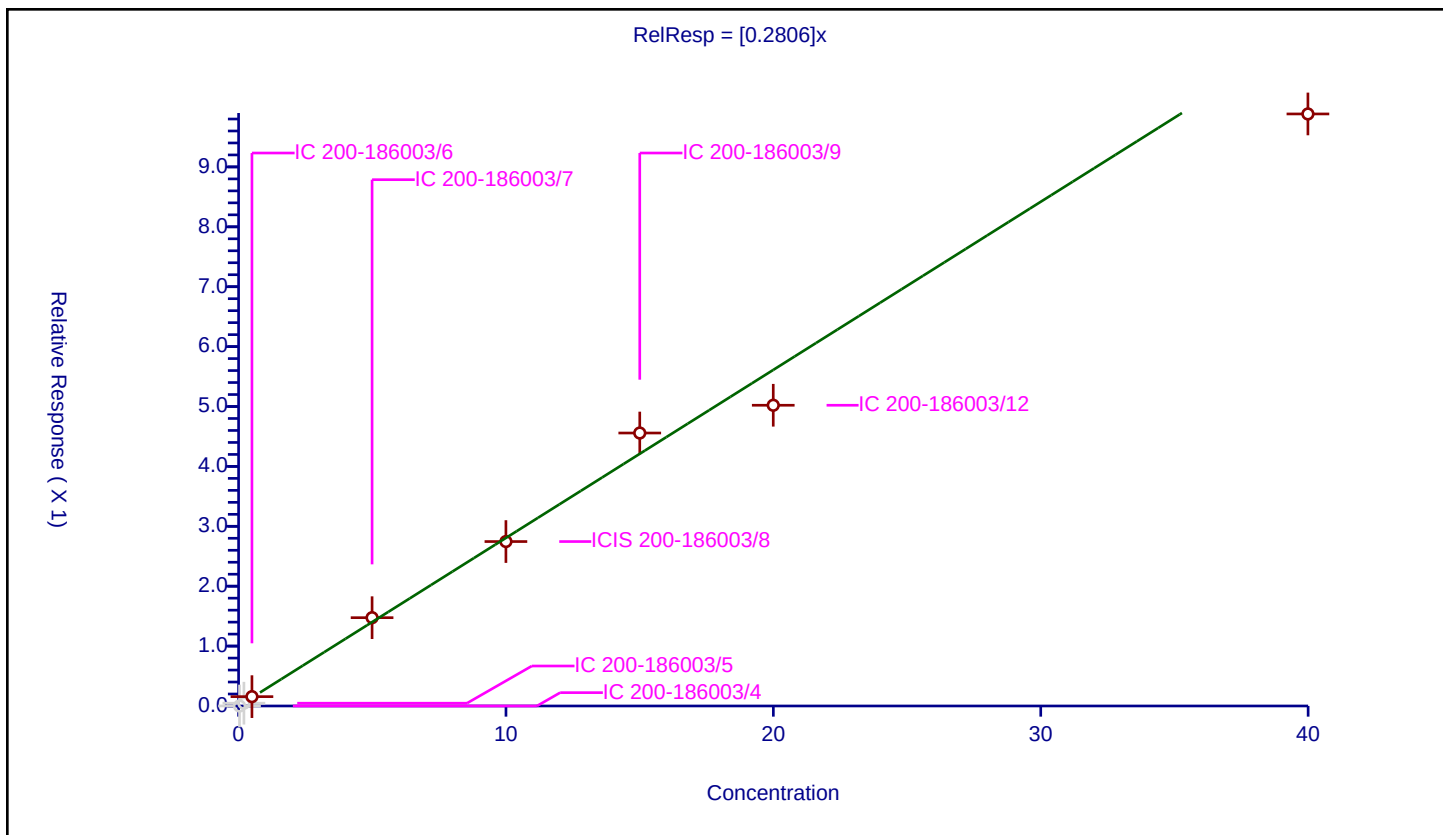
Curve Coefficients

Intercept: 0
 Slope: 0.2806

Error Coefficients

Standard Error: 119000
 Relative Standard Error: 9.8
 Correlation Coefficient: 0.993
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.0	10.0	189982.0	0.0	N
2	IC 200-186003/5	0.20044	0.046682	10.0	188936.0	0.2329	N
3	IC 200-186003/6	0.500453	0.156009	10.0	199925.0	0.311735	Y
4	IC 200-186003/7	4.992563	1.474204	10.0	185049.0	0.29528	Y
5	ICIS 200-186003/8	9.99806	2.745464	10.0	184151.0	0.2746	Y
6	IC 200-186003/9	15.003557	4.557338	10.0	173349.0	0.303751	Y
7	IC 200-186003/12	19.99612	5.021023	10.0	191933.0	0.2511	Y
8	IC 200-186003/13	39.99224	9.884335	10.0	229455.0	0.247156	Y



Calibration

/ 2-Methylbutane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

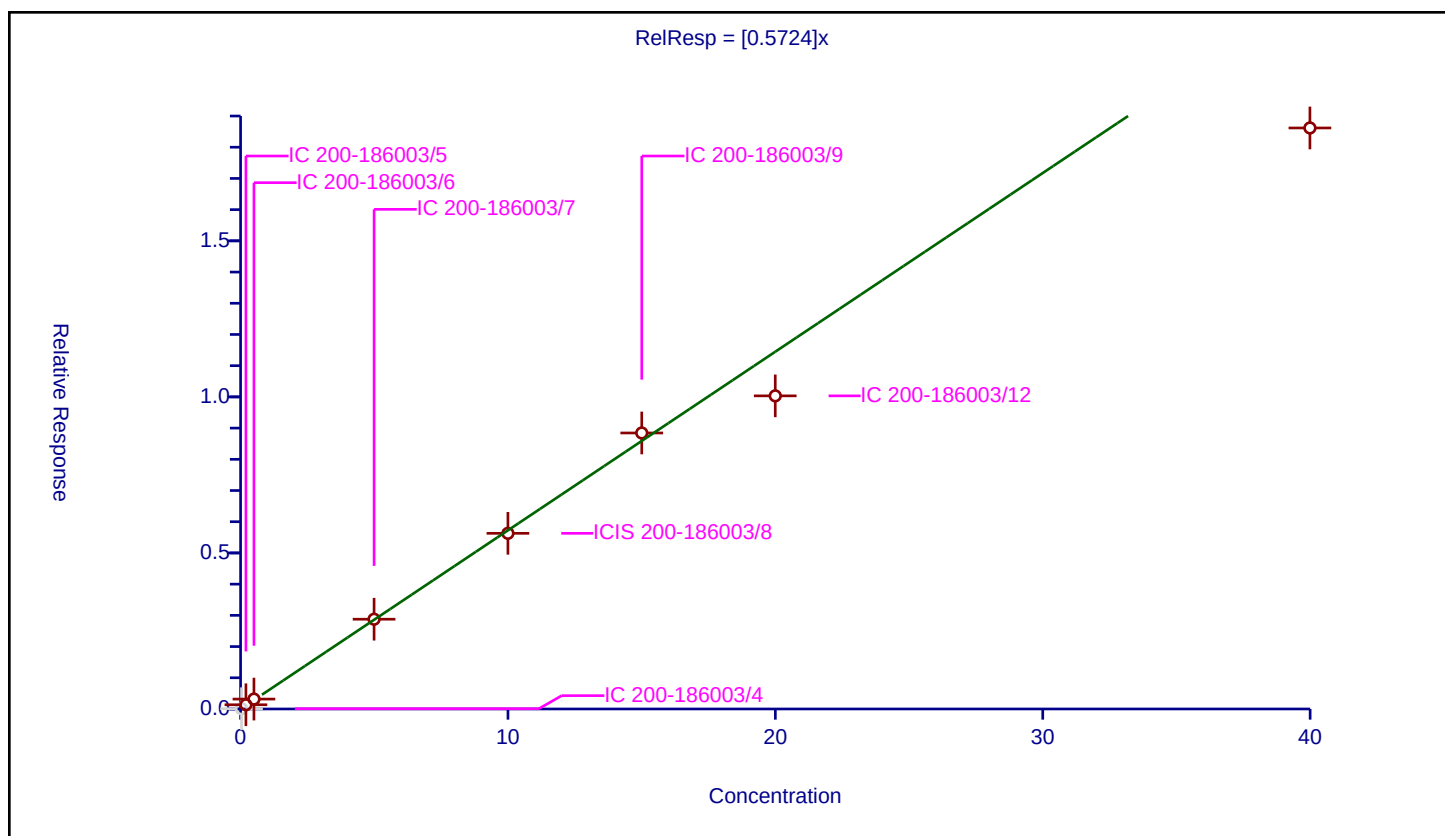
Curve Coefficients

Intercept: 0
Slope: 0.5724

Error Coefficients

Standard Error: 207000
Relative Standard Error: 12.7
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.008738	10.0	189982.0	0.2491	N
2	IC 200-186003/5	0.20044	0.135813	10.0	188936.0	0.677576	Y
3	IC 200-186003/6	0.500453	0.317119	10.0	199925.0	0.633664	Y
4	IC 200-186003/7	4.992563	2.876319	10.0	185049.0	0.576121	Y
5	ICIS 200-186003/8	9.99806	5.628316	10.0	184151.0	0.562941	Y
6	IC 200-186003/9	15.003557	8.844066	10.0	173349.0	0.589465	Y
7	IC 200-186003/12	19.99612	10.03298	10.0	191933.0	0.501746	Y
8	IC 200-186003/13	39.99224	18.617071	10.0	229455.0	0.465517	Y



Calibration

/ Vinyl bromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

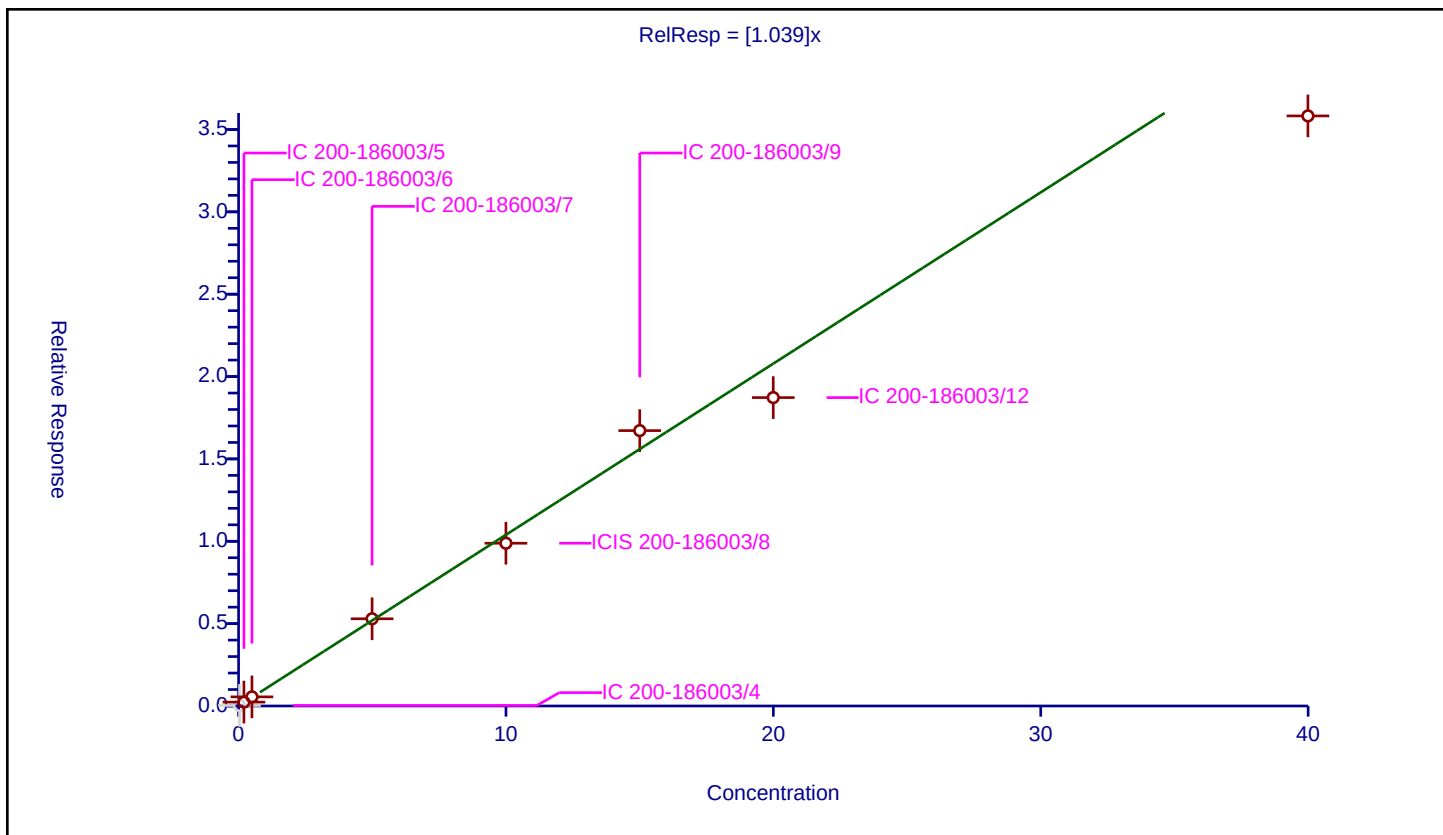
Curve Coefficients

Intercept: 0
 Slope: 1.039

Error Coefficients

Standard Error: 394000
 Relative Standard Error: 9.8
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.031161	10.0	189982.0	0.888357	N
2	IC 200-186003/5	0.20044	0.235477	10.0	188936.0	1.1748	Y
3	IC 200-186003/6	0.500453	0.553358	10.0	199925.0	1.105714	Y
4	IC 200-186003/7	4.992563	5.29503	10.0	185049.0	1.060584	Y
5	ICIS 200-186003/8	9.99806	9.881727	10.0	184151.0	0.988365	Y
6	IC 200-186003/9	15.003557	16.718527	10.0	173349.0	1.114304	Y
7	IC 200-186003/12	19.99612	18.723044	10.0	191933.0	0.936334	Y
8	IC 200-186003/13	39.99224	35.823887	10.0	229455.0	0.895771	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

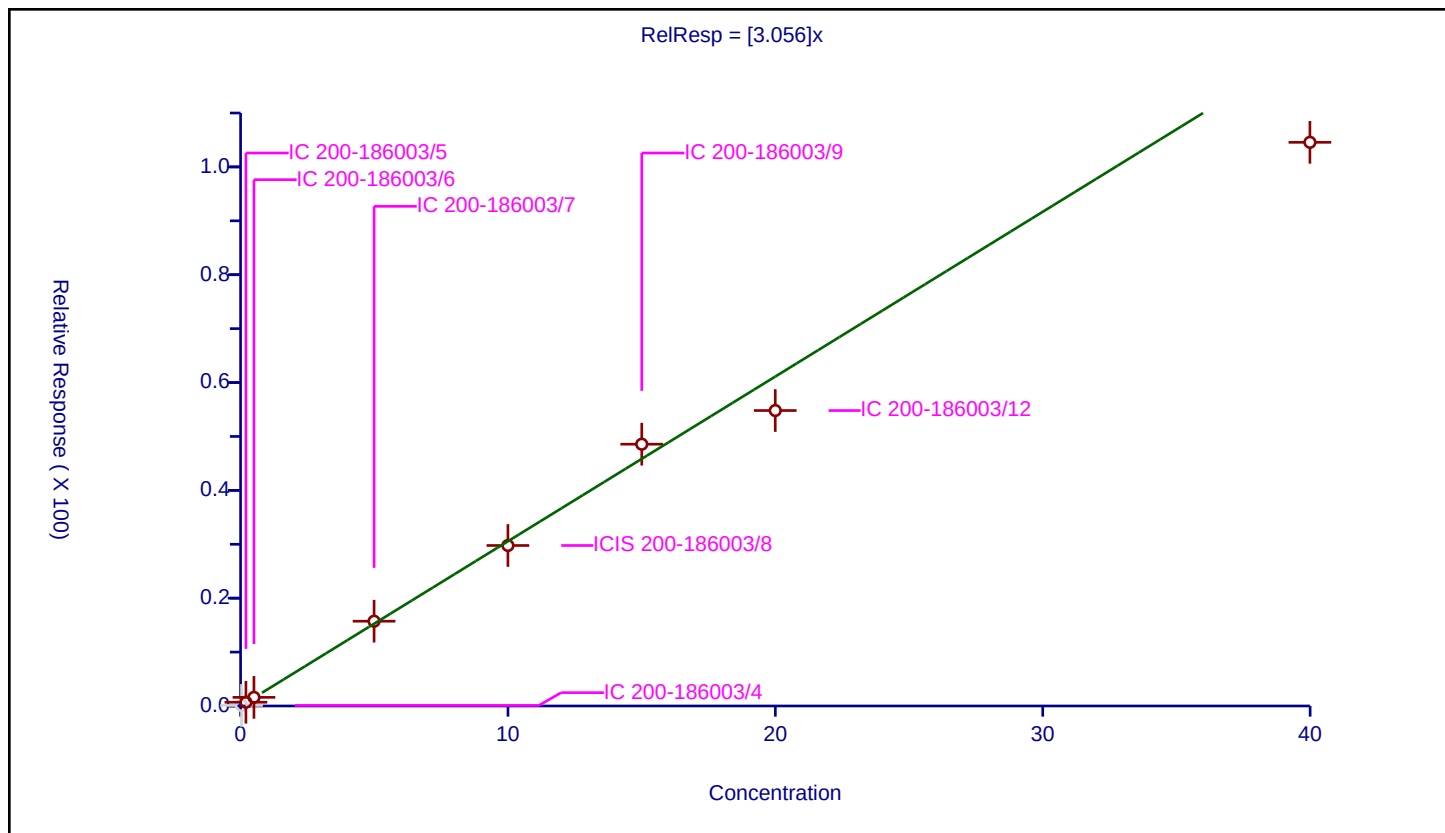
Curve Coefficients

Intercept: 0
 Slope: 3.056

Error Coefficients

Standard Error: 1150000
 Relative Standard Error: 9.8
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.103905	10.0	189982.0	2.96219	N
2	IC 200-186003/5	0.20044	0.697009	10.0	188936.0	3.477398	Y
3	IC 200-186003/6	0.500453	1.597949	10.0	199925.0	3.193008	Y
4	IC 200-186003/7	4.992563	15.72778	10.0	185049.0	3.150242	Y
5	ICIS 200-186003/8	9.99806	29.774641	10.0	184151.0	2.978042	Y
6	IC 200-186003/9	15.003557	48.563361	10.0	173349.0	3.23679	Y
7	IC 200-186003/12	19.99612	54.80824	10.0	191933.0	2.740944	Y
8	IC 200-186003/13	39.99224	104.561766	10.0	229455.0	2.614551	Y



Calibration

/ Pentane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

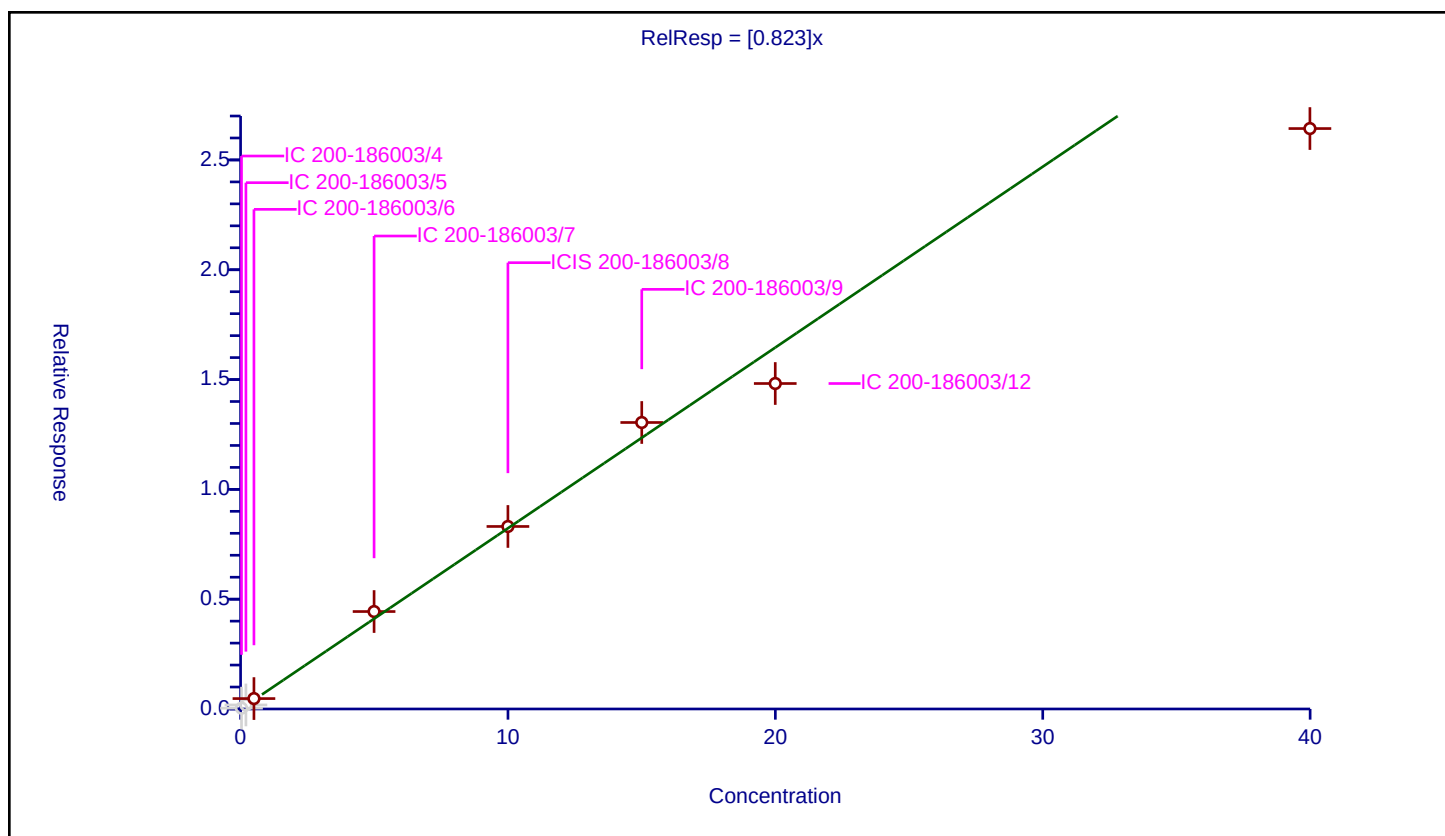
Curve Coefficients

Intercept: 0
Slope: 0.823

Error Coefficients

Standard Error: 326000
Relative Standard Error: 12.7
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.038109	10.0	189982.0	1.086437	N
2	IC 200-186003/5	0.20044	0.184507	10.0	188936.0	0.920511	N
3	IC 200-186003/6	0.500453	0.473728	10.0	199925.0	0.946598	Y
4	IC 200-186003/7	4.992563	4.437852	10.0	185049.0	0.888892	Y
5	ICIS 200-186003/8	9.99806	8.310897	10.0	184151.0	0.831251	Y
6	IC 200-186003/9	15.003557	13.045359	10.0	173349.0	0.869484	Y
7	IC 200-186003/12	19.99612	14.819651	10.0	191933.0	0.741126	Y
8	IC 200-186003/13	39.99224	26.42906	10.0	229455.0	0.660855	Y



Calibration

/ Ethanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

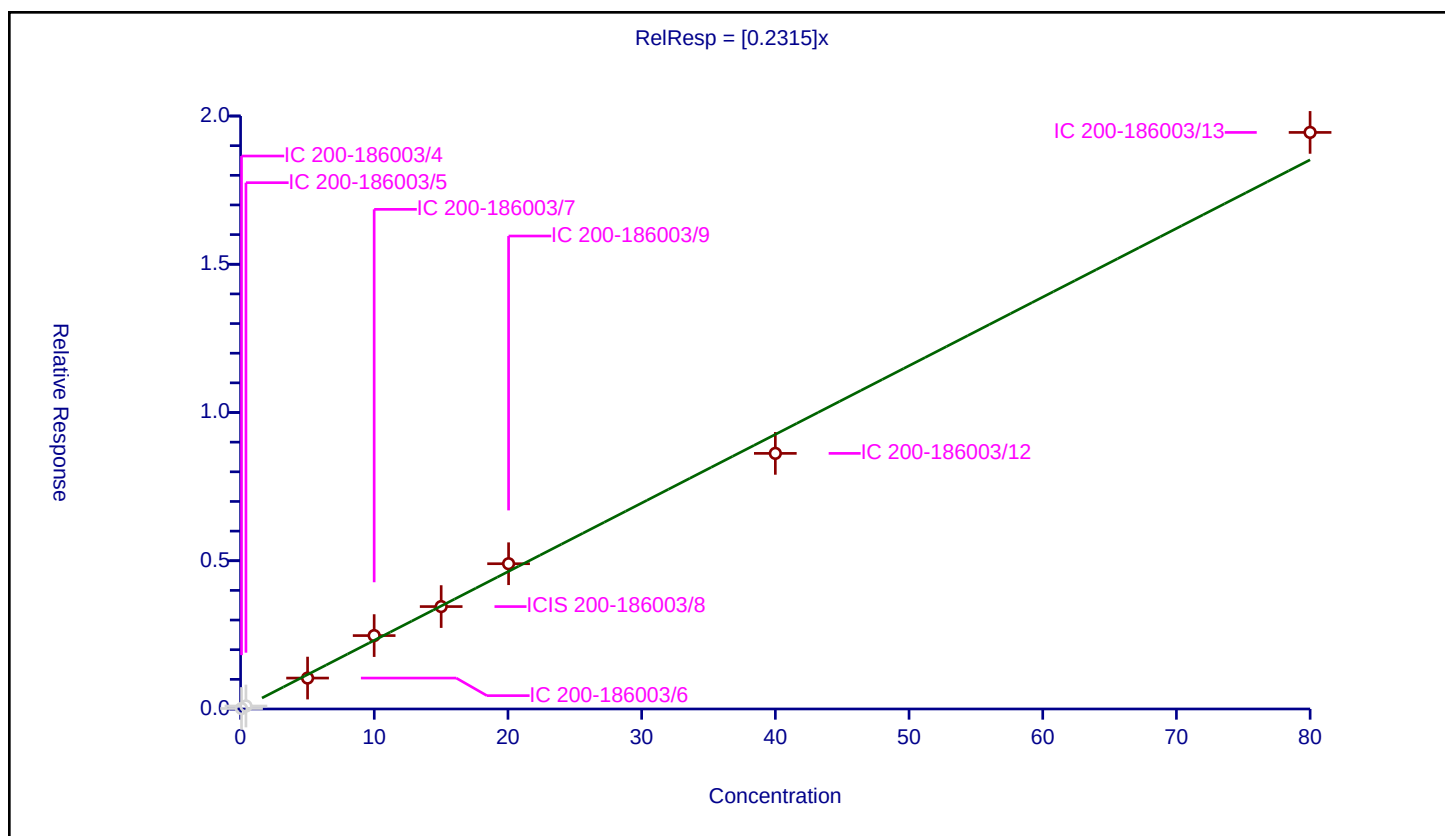
Curve Coefficients

Intercept: 0
 Slope: 0.2315

Error Coefficients

Standard Error: 219000
 Relative Standard Error: 7.1
 Correlation Coefficient: 0.983
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.070165	0.016475	10.0	189982.0	0.234806	N
2	IC 200-186003/5	0.400944	0.100404	10.0	188936.0	0.25042	N
3	IC 200-186003/6	5.010638	1.042941	10.0	199925.0	0.208145	Y
4	IC 200-186003/7	9.991593	2.475669	10.0	185049.0	0.247775	Y
5	ICIS 200-186003/8	15.003557	3.454611	10.0	184151.0	0.230253	Y
6	IC 200-186003/9	20.047856	4.899942	10.0	173349.0	0.244412	Y
7	IC 200-186003/12	39.998707	8.621133	10.0	191933.0	0.215535	Y
8	IC 200-186003/13	79.997413	19.447081	10.0	229455.0	0.243096	Y



Calibration

/ Ethyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

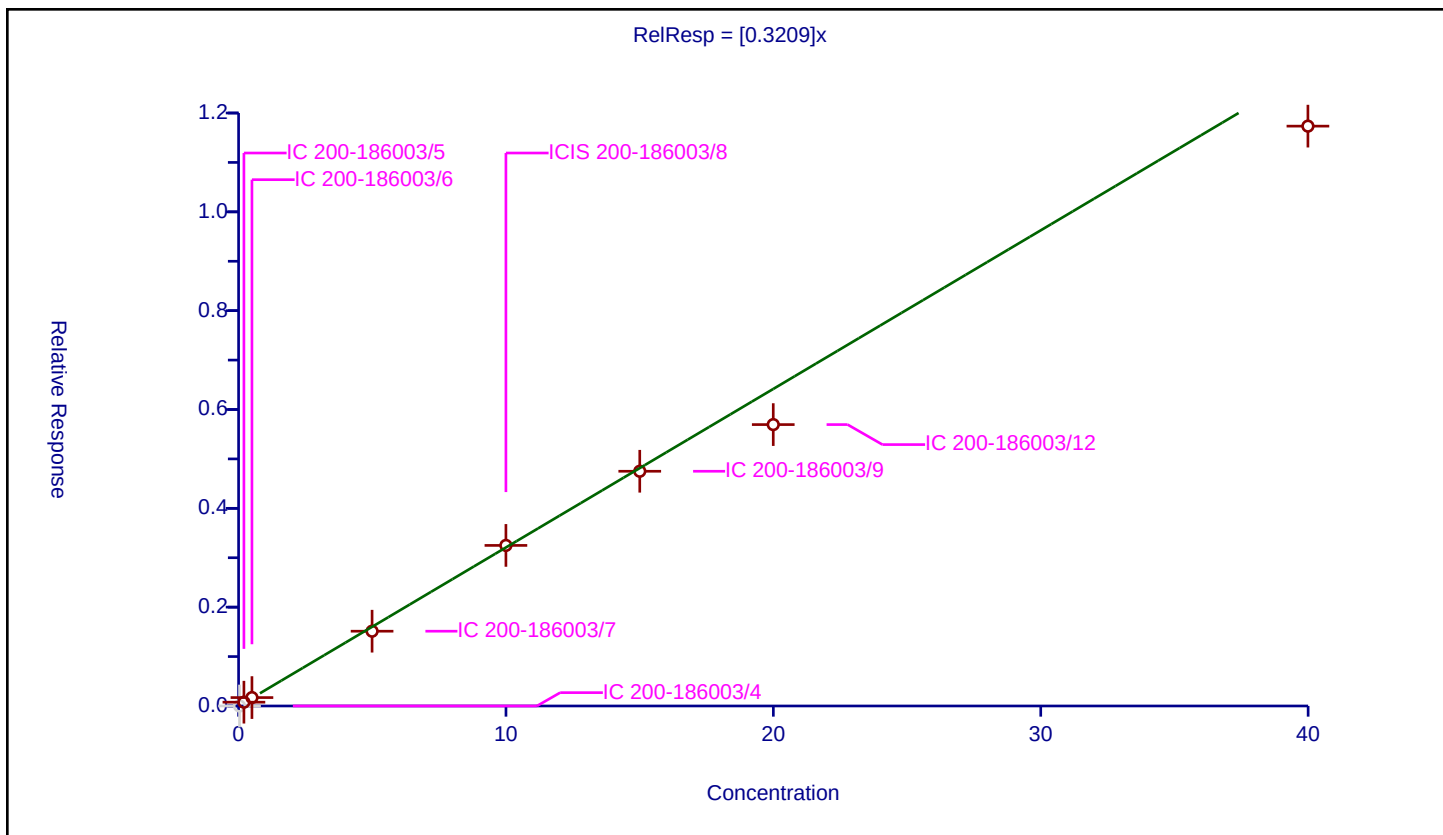
Curve Coefficients

Intercept: 0
 Slope: 0.3209

Error Coefficients

Standard Error: 126000
 Relative Standard Error: 10.4
 Correlation Coefficient: 0.989
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.0	10.0	189982.0	0.0	N
2	IC 200-186003/5	0.20044	0.076746	10.0	188936.0	0.382886	Y
3	IC 200-186003/6	0.500453	0.170214	10.0	199925.0	0.34012	Y
4	IC 200-186003/7	4.992563	1.513545	10.0	185049.0	0.30316	Y
5	ICIS 200-186003/8	9.99806	3.24967	10.0	184151.0	0.32503	Y
6	IC 200-186003/9	15.003557	4.750359	10.0	173349.0	0.316616	Y
7	IC 200-186003/12	19.99612	5.694539	10.0	191933.0	0.284782	Y
8	IC 200-186003/13	39.99224	11.734283	10.0	229455.0	0.293414	Y



Calibration

/ Acrolein

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

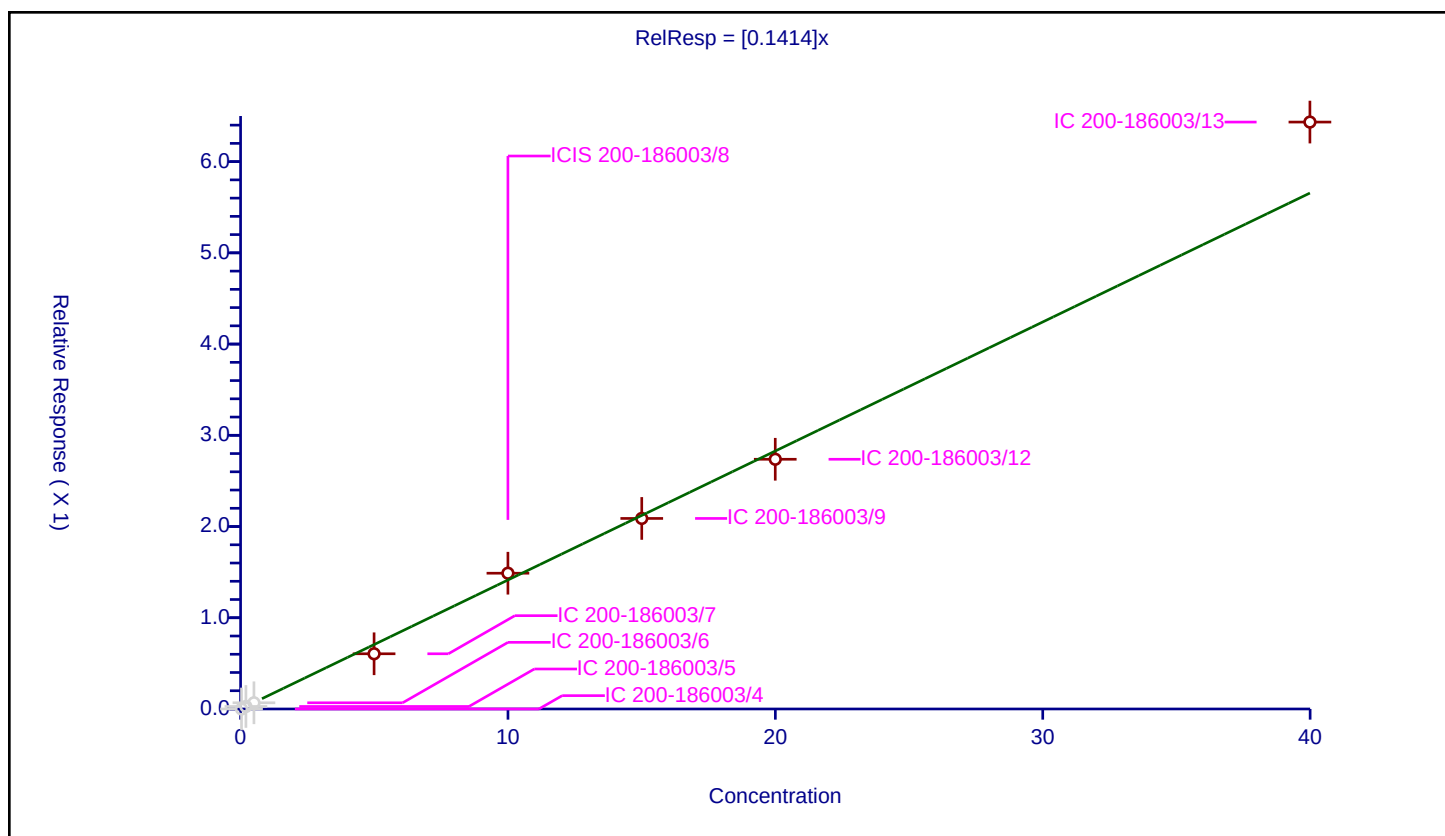
Curve Coefficients

Intercept: 0
 Slope: 0.1414

Error Coefficients

Standard Error: 81800
 Relative Standard Error: 10.4
 Correlation Coefficient: 0.977
 Coefficient of Determination (Adjusted): 0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.0	10.0	189982.0	0.0	N
2	IC 200-186003/5	0.20044	0.027681	10.0	188936.0	0.138103	N
3	IC 200-186003/6	0.500453	0.068026	10.0	199925.0	0.135928	N
4	IC 200-186003/7	4.992563	0.605191	10.0	185049.0	0.121219	Y
5	ICIS 200-186003/8	9.99806	1.488344	10.0	184151.0	0.148863	Y
6	IC 200-186003/9	15.003557	2.088734	10.0	173349.0	0.139216	Y
7	IC 200-186003/12	19.99612	2.737414	10.0	191933.0	0.136897	Y
8	IC 200-186003/13	39.99224	6.43368	10.0	229455.0	0.160873	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

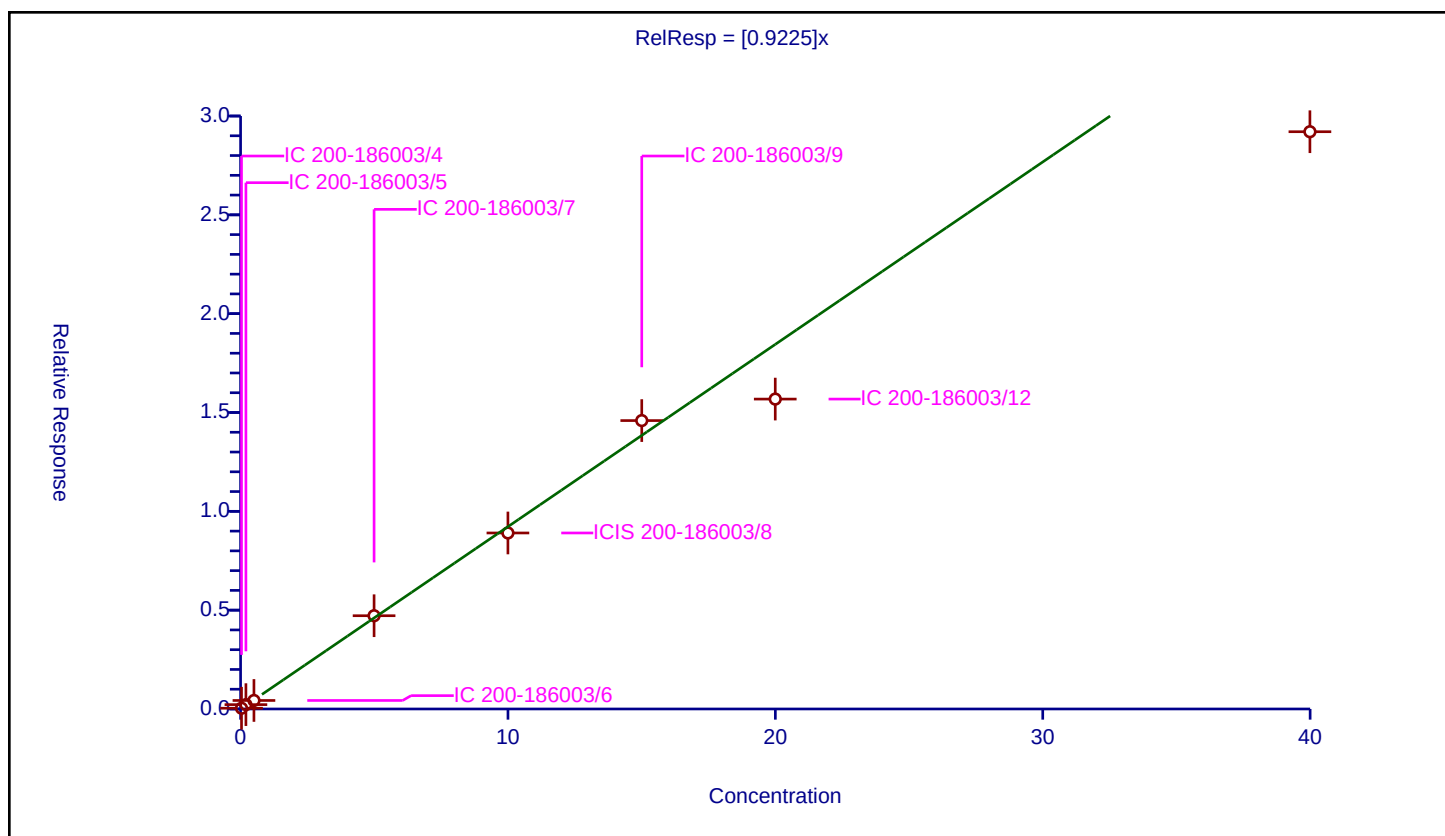
Curve Coefficients

Intercept: 0
 Slope: 0.9225

Error Coefficients

Standard Error: 302000
 Relative Standard Error: 14.6
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.038425	10.0	189982.0	1.09544	Y
2	IC 200-186003/5	0.20044	0.220868	10.0	188936.0	1.10192	Y
3	IC 200-186003/6	0.500453	0.430411	10.0	199925.0	0.860044	Y
4	IC 200-186003/7	4.992563	4.718372	10.0	185049.0	0.94508	Y
5	ICIS 200-186003/8	9.99806	8.904432	10.0	184151.0	0.890616	Y
6	IC 200-186003/9	15.003557	14.591431	10.0	173349.0	0.972531	Y
7	IC 200-186003/12	19.99612	15.679378	10.0	191933.0	0.784121	Y
8	IC 200-186003/13	39.99224	29.205116	10.0	229455.0	0.73027	Y



Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

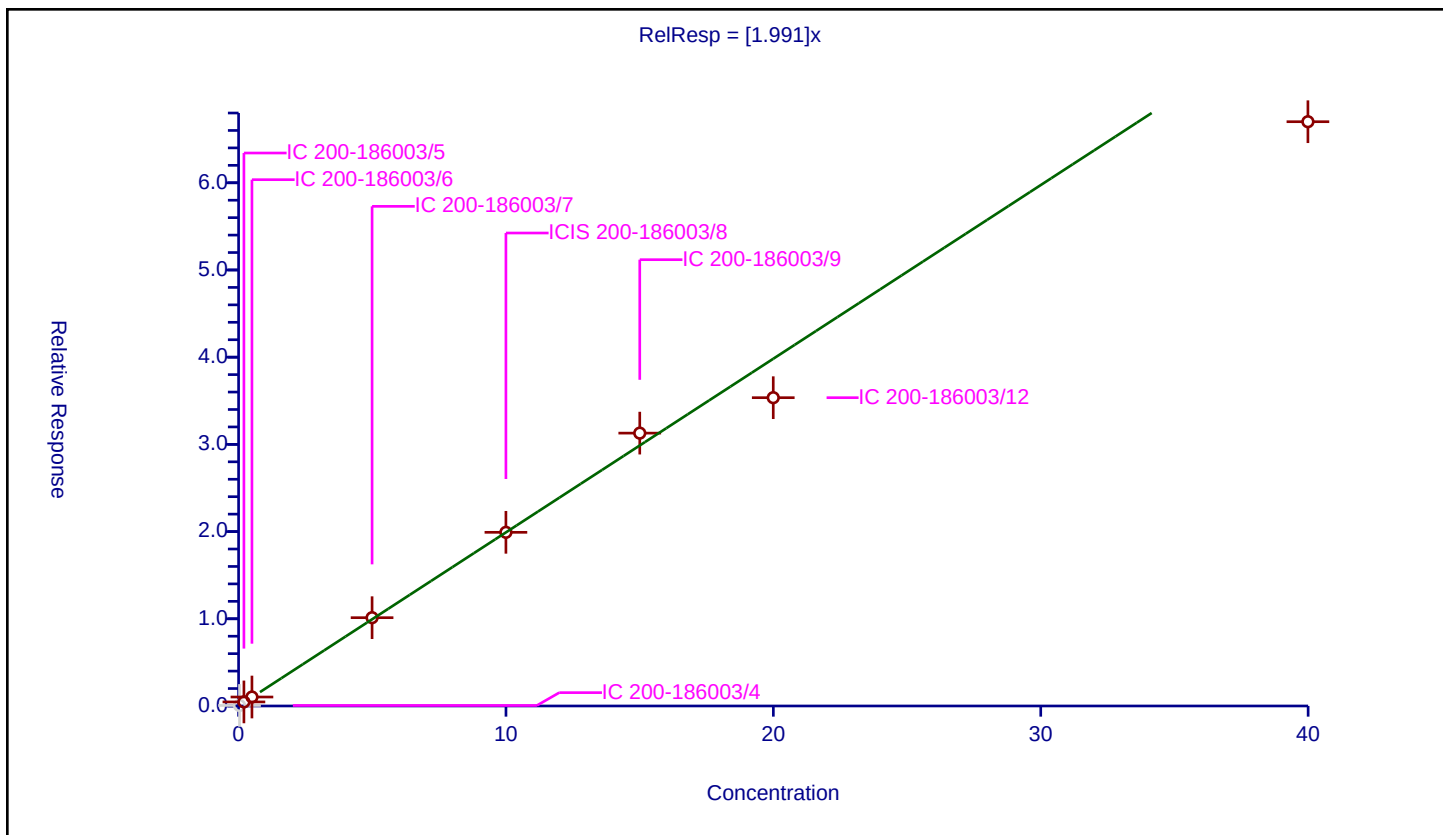
Curve Coefficients

Intercept: 0
 Slope: 1.991

Error Coefficients

Standard Error: 740000
 Relative Standard Error: 10.9
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.059743	10.0	189982.0	1.703184	N
2	IC 200-186003/5	0.20044	0.467407	10.0	188936.0	2.331908	Y
3	IC 200-186003/6	0.500453	1.029736	10.0	199925.0	2.05761	Y
4	IC 200-186003/7	4.992563	10.126615	10.0	185049.0	2.02834	Y
5	ICIS 200-186003/8	9.99806	19.914635	10.0	184151.0	1.99185	Y
6	IC 200-186003/9	15.003557	31.290749	10.0	173349.0	2.085555	Y
7	IC 200-186003/12	19.99612	35.354525	10.0	191933.0	1.768069	Y
8	IC 200-186003/13	39.99224	67.00438	10.0	229455.0	1.675435	Y



Calibration

/ Acetone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

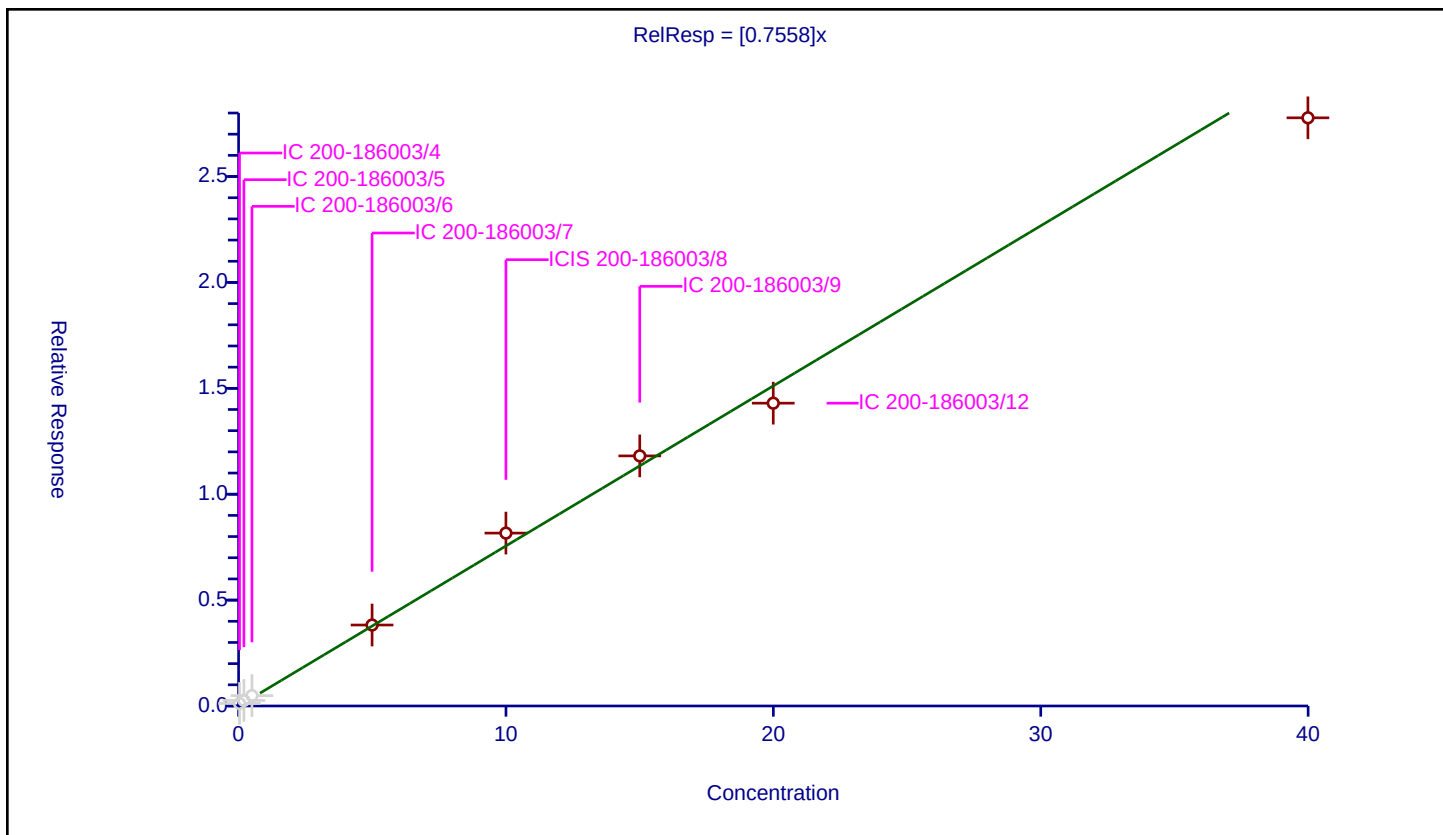
Curve Coefficients

Intercept: 0
 Slope: 0.7558

Error Coefficients

Standard Error: 371000
 Relative Standard Error: 6.7
 Correlation Coefficient: 0.993
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.119538	10.0	189982.0	3.40787	N
2	IC 200-186003/5	0.20044	0.259506	10.0	188936.0	1.294683	N
3	IC 200-186003/6	0.500453	0.488683	10.0	199925.0	0.976483	N
4	IC 200-186003/7	4.992563	3.82315	10.0	185049.0	0.765769	Y
5	ICIS 200-186003/8	9.99806	8.164115	10.0	184151.0	0.81657	Y
6	IC 200-186003/9	15.003557	11.809471	10.0	173349.0	0.787111	Y
7	IC 200-186003/12	19.99612	14.298479	10.0	191933.0	0.715063	Y
8	IC 200-186003/13	39.99224	27.772984	10.0	229455.0	0.694459	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

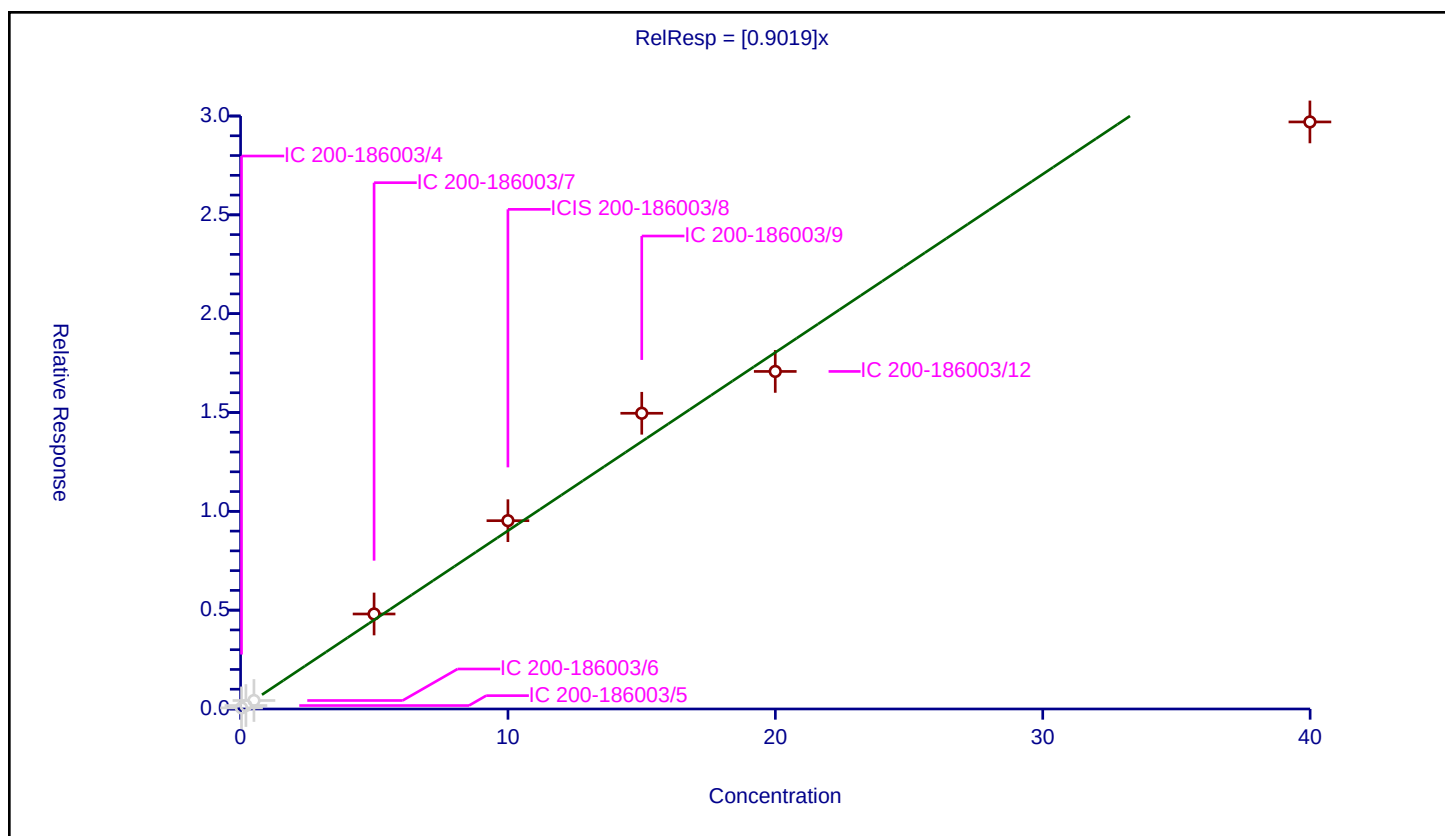
Curve Coefficients

Intercept: 0
 Slope: 0.9019

Error Coefficients

Standard Error: 412000
 Relative Standard Error: 11.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.056268	10.0	189982.0	1.604145	N
2	IC 200-186003/5	0.20044	0.175297	10.0	188936.0	0.874565	N
3	IC 200-186003/6	0.500453	0.430311	10.0	199925.0	0.859844	N
4	IC 200-186003/7	4.992563	4.806457	10.0	185049.0	0.962723	Y
5	ICIS 200-186003/8	9.99806	9.526801	10.0	184151.0	0.952865	Y
6	IC 200-186003/9	15.003557	14.961321	10.0	173349.0	0.997185	Y
7	IC 200-186003/12	19.99612	17.077418	10.0	191933.0	0.854037	Y
8	IC 200-186003/13	39.99224	29.700813	10.0	229455.0	0.742664	Y



Calibration

/ Carbon disulfide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

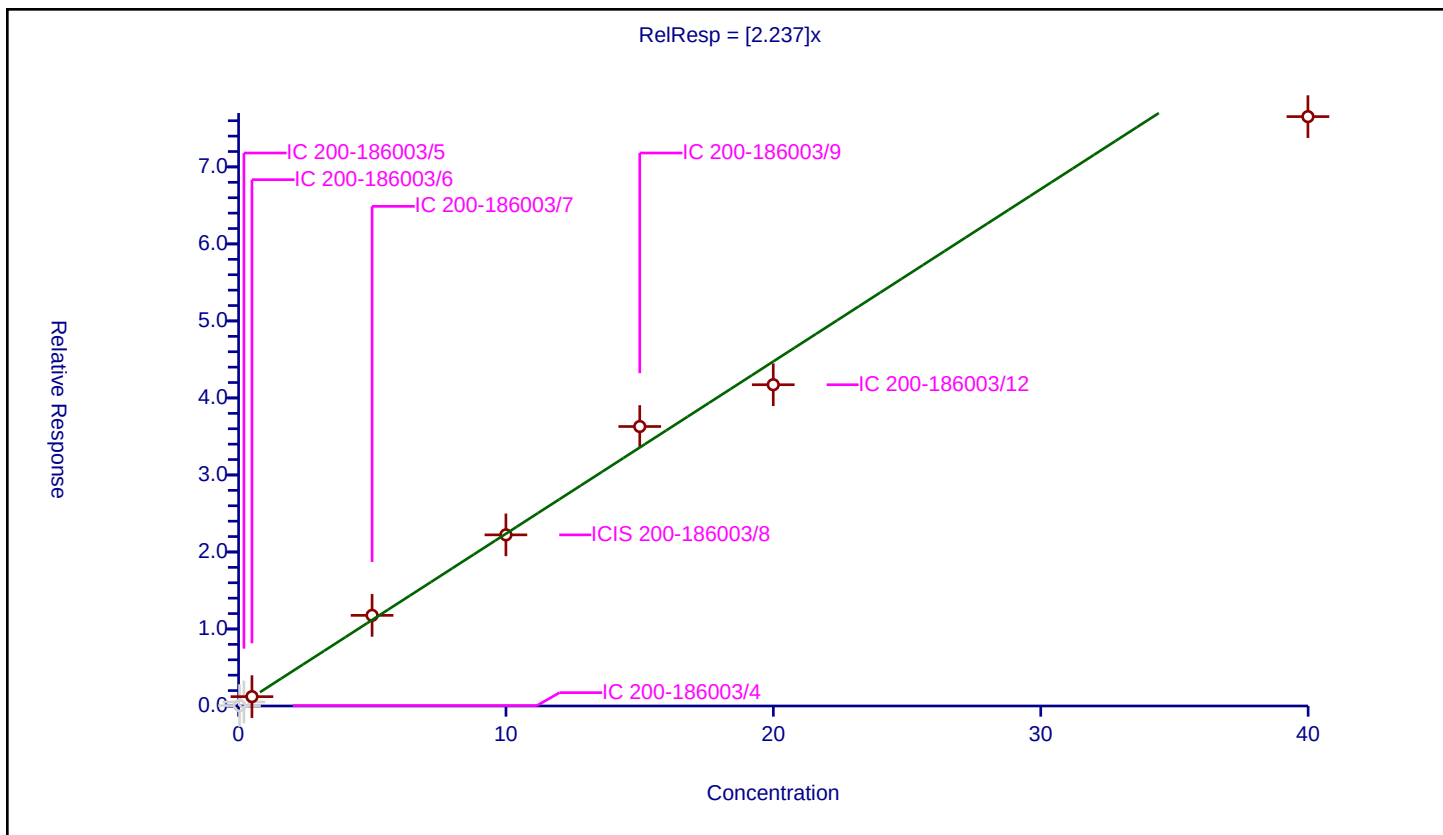
Curve Coefficients

Intercept: 0
 Slope: 2.237

Error Coefficients

Standard Error: 931000
 Relative Standard Error: 9.2
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.049531	10.0	189982.0	1.412067	N
2	IC 200-186003/5	0.20044	0.5188	10.0	188936.0	2.58831	N
3	IC 200-186003/6	0.500453	1.213105	10.0	199925.0	2.424016	Y
4	IC 200-186003/7	4.992563	11.768991	10.0	185049.0	2.357304	Y
5	ICIS 200-186003/8	9.99806	22.221275	10.0	184151.0	2.222559	Y
6	IC 200-186003/9	15.003557	36.292335	10.0	173349.0	2.418915	Y
7	IC 200-186003/12	19.99612	41.717005	10.0	191933.0	2.086255	Y
8	IC 200-186003/13	39.99224	76.532	10.0	229455.0	1.913671	Y



Calibration

/ Acetonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

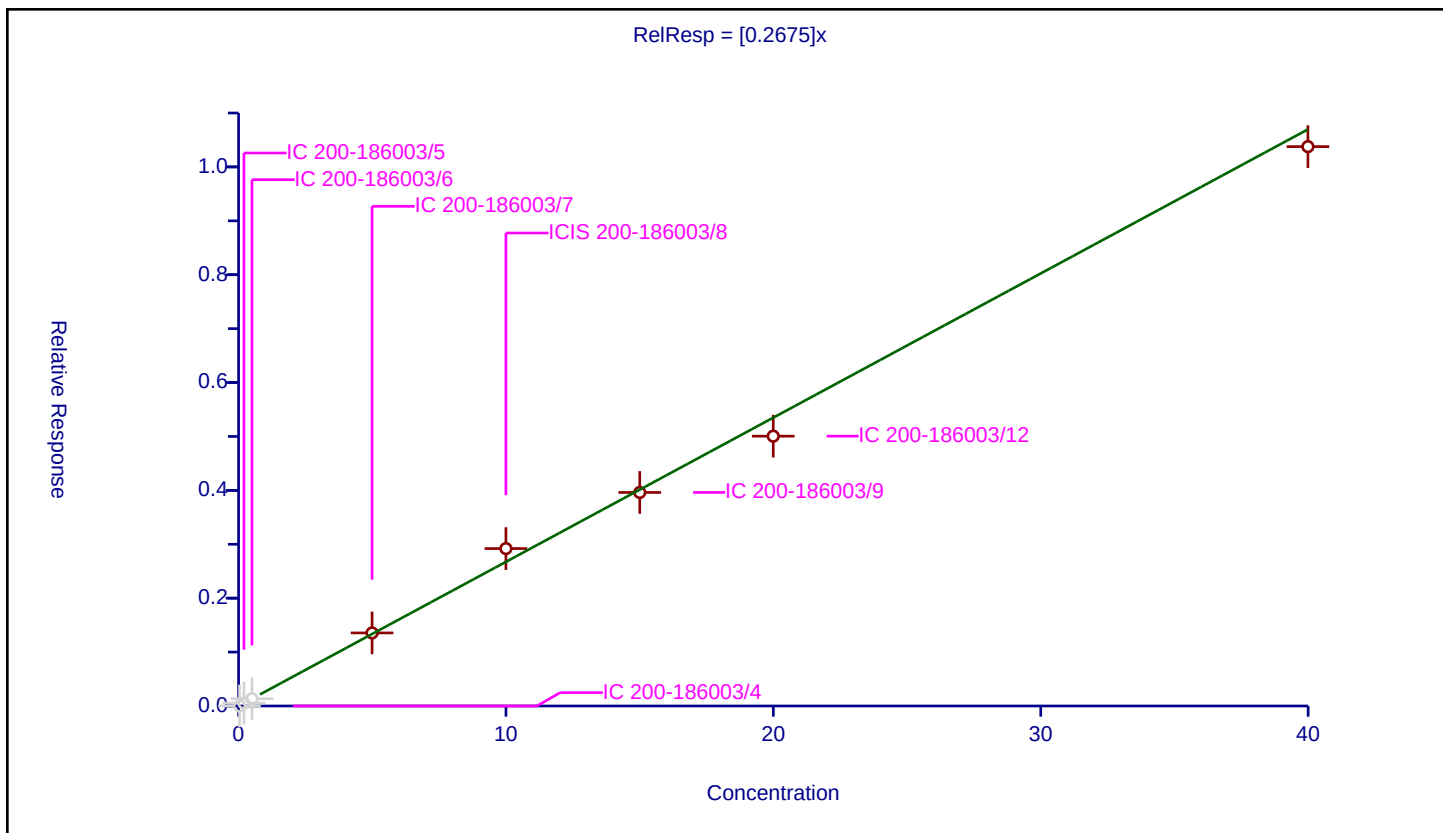
Curve Coefficients

Intercept: 0
 Slope: 0.2675

Error Coefficients

Standard Error: 136000
 Relative Standard Error: 5.9
 Correlation Coefficient: 0.985
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.0	10.0	189982.0	0.0	N
2	IC 200-186003/5	0.20044	0.054145	10.0	188936.0	0.270133	N
3	IC 200-186003/6	0.500453	0.13425	10.0	199925.0	0.268258	N
4	IC 200-186003/7	4.992563	1.355263	10.0	185049.0	0.271456	Y
5	ICIS 200-186003/8	9.99806	2.920158	10.0	184151.0	0.292072	Y
6	IC 200-186003/9	15.003557	3.960969	10.0	173349.0	0.264002	Y
7	IC 200-186003/12	19.99612	5.005549	10.0	191933.0	0.250326	Y
8	IC 200-186003/13	39.99224	10.376588	10.0	229455.0	0.259465	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

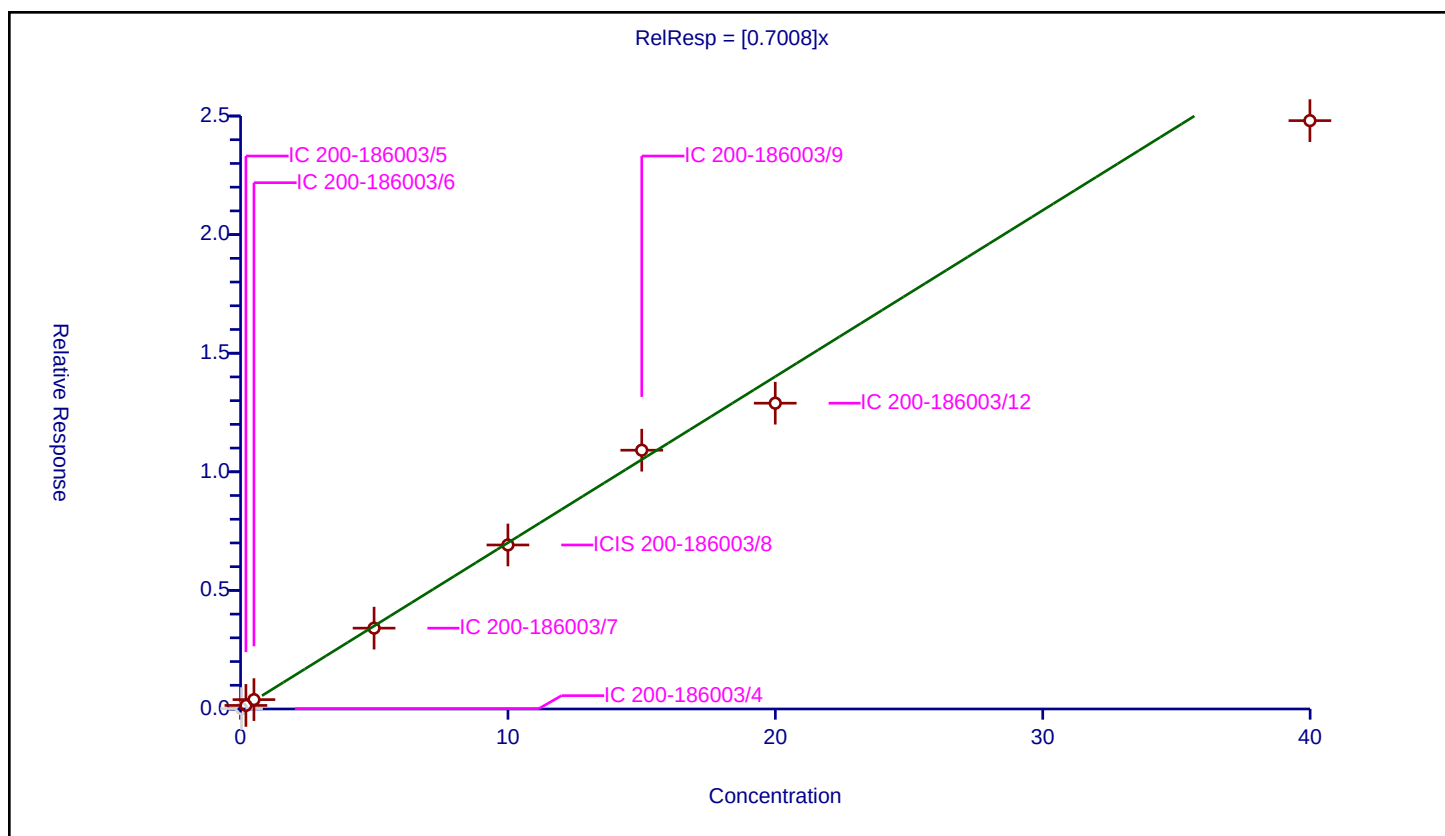
Curve Coefficients

Intercept: 0
 Slope: 0.7008

Error Coefficients

Standard Error: 271000
 Relative Standard Error: 8.4
 Correlation Coefficient: 0.995
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.015844	10.0	189982.0	0.451682	N
2	IC 200-186003/5	0.20044	0.150368	10.0	188936.0	0.750193	Y
3	IC 200-186003/6	0.500453	0.394848	10.0	199925.0	0.788982	Y
4	IC 200-186003/7	4.992563	3.408719	10.0	185049.0	0.682759	Y
5	ICIS 200-186003/8	9.99806	6.91438	10.0	184151.0	0.691572	Y
6	IC 200-186003/9	15.003557	10.910937	10.0	173349.0	0.727223	Y
7	IC 200-186003/12	19.99612	12.89252	10.0	191933.0	0.644751	Y
8	IC 200-186003/13	39.99224	24.805256	10.0	229455.0	0.620252	Y



Calibration

/ Methylene Chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

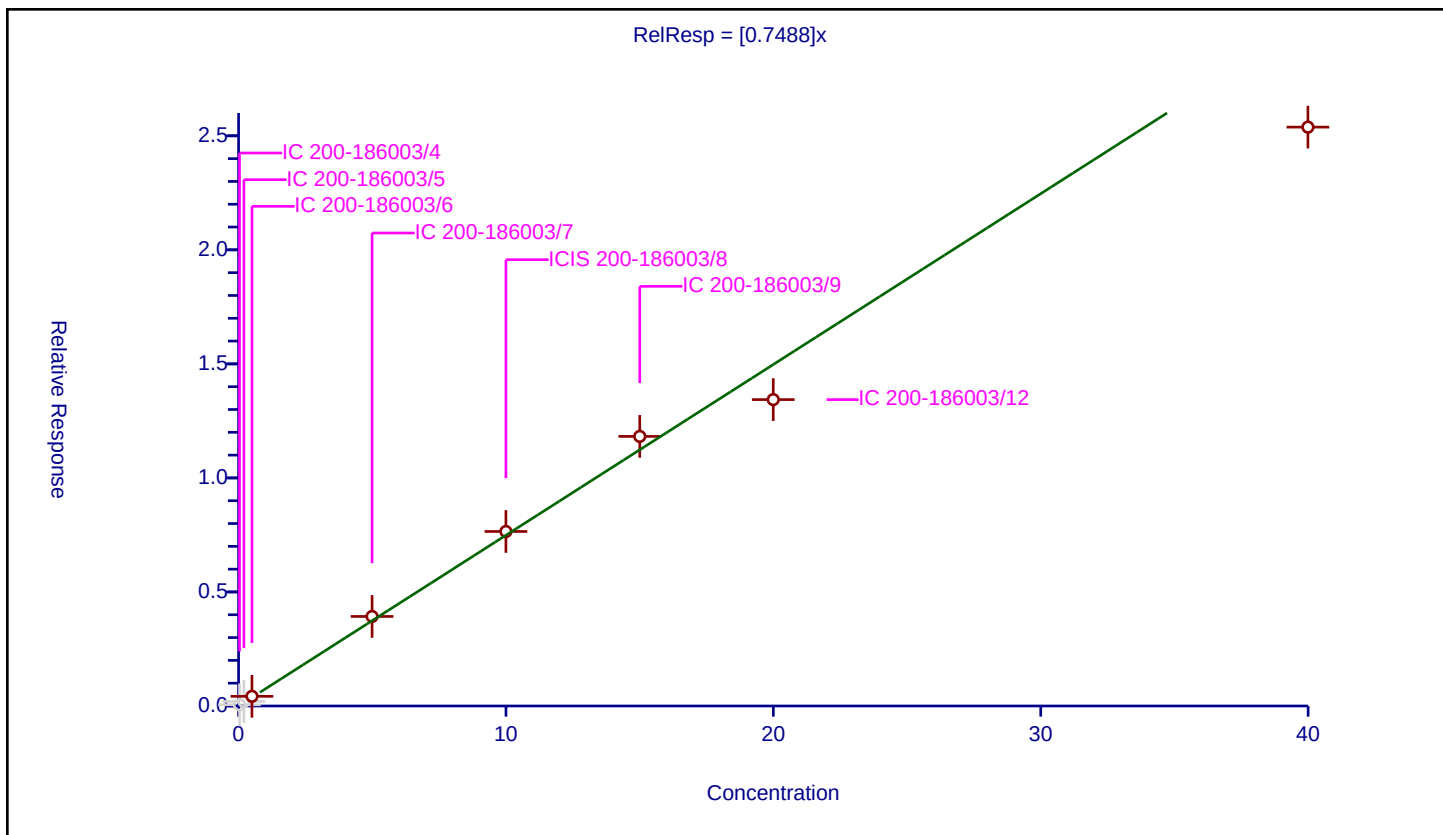
Curve Coefficients

Intercept: 0
 Slope: 0.7488

Error Coefficients

Standard Error: 308000
 Relative Standard Error: 10.6
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.053479	10.0	189982.0	1.524613	N
2	IC 200-186003/5	0.20044	0.200174	10.0	188936.0	0.998673	N
3	IC 200-186003/6	0.500453	0.423659	10.0	199925.0	0.846551	Y
4	IC 200-186003/7	4.992563	3.925717	10.0	185049.0	0.786313	Y
5	ICIS 200-186003/8	9.99806	7.652036	10.0	184151.0	0.765352	Y
6	IC 200-186003/9	15.003557	11.820662	10.0	173349.0	0.787857	Y
7	IC 200-186003/12	19.99612	13.433698	10.0	191933.0	0.671815	Y
8	IC 200-186003/13	39.99224	25.380968	10.0	229455.0	0.634647	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

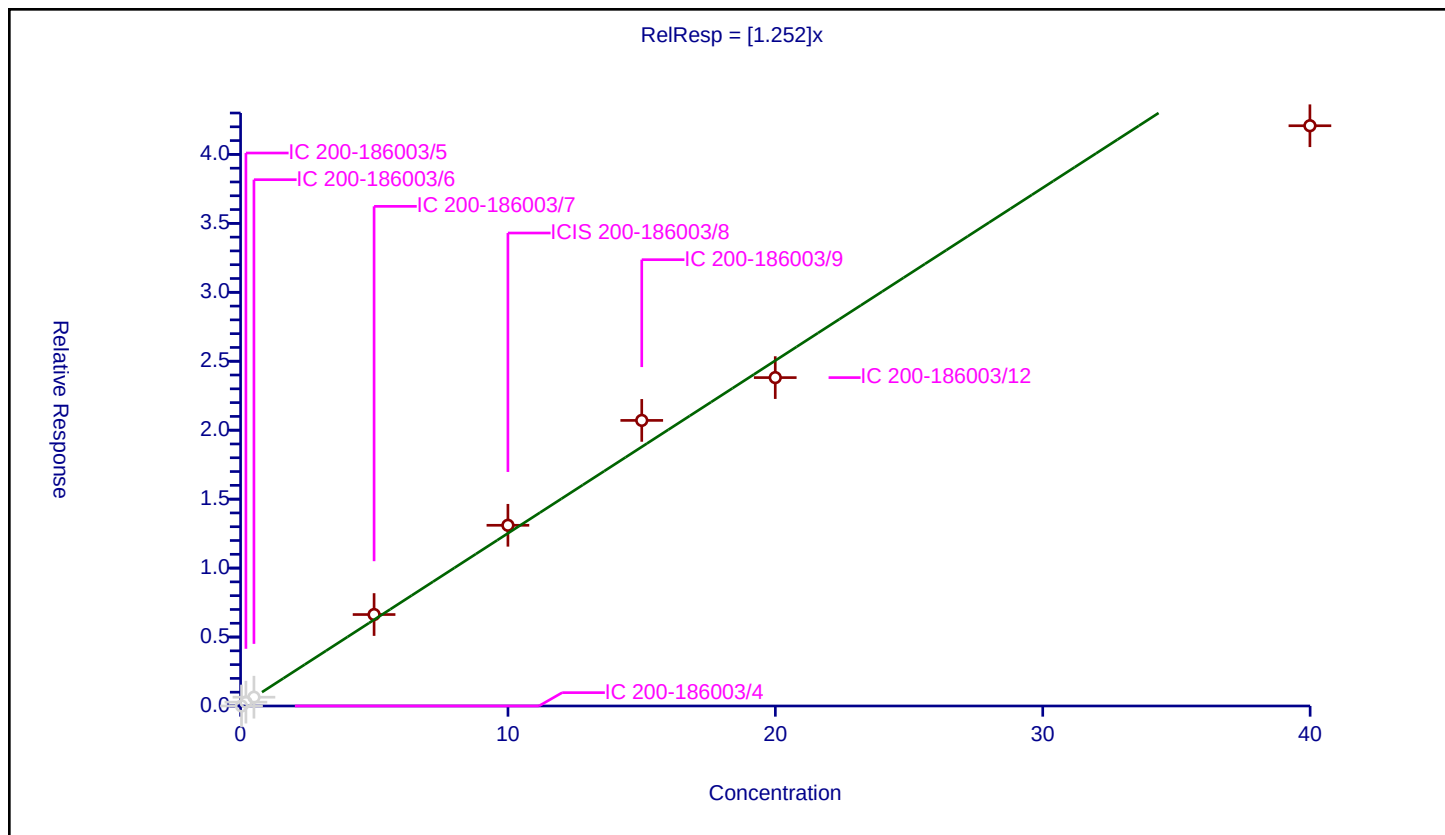
Curve Coefficients

Intercept: 0
 Slope: 1.252

Error Coefficients

Standard Error: 579000
 Relative Standard Error: 10.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.0	10.0	189982.0	0.0	N
2	IC 200-186003/5	0.20044	0.280359	10.0	188936.0	1.398723	N
3	IC 200-186003/6	0.500453	0.636989	10.0	199925.0	1.272826	N
4	IC 200-186003/7	4.992563	6.631811	10.0	185049.0	1.328338	Y
5	ICIS 200-186003/8	9.99806	13.10354	10.0	184151.0	1.310608	Y
6	IC 200-186003/9	15.003557	20.709609	10.0	173349.0	1.380313	Y
7	IC 200-186003/12	19.99612	23.812737	10.0	191933.0	1.190868	Y
8	IC 200-186003/13	39.99224	42.076834	10.0	229455.0	1.052125	Y



Calibration

/ Acrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

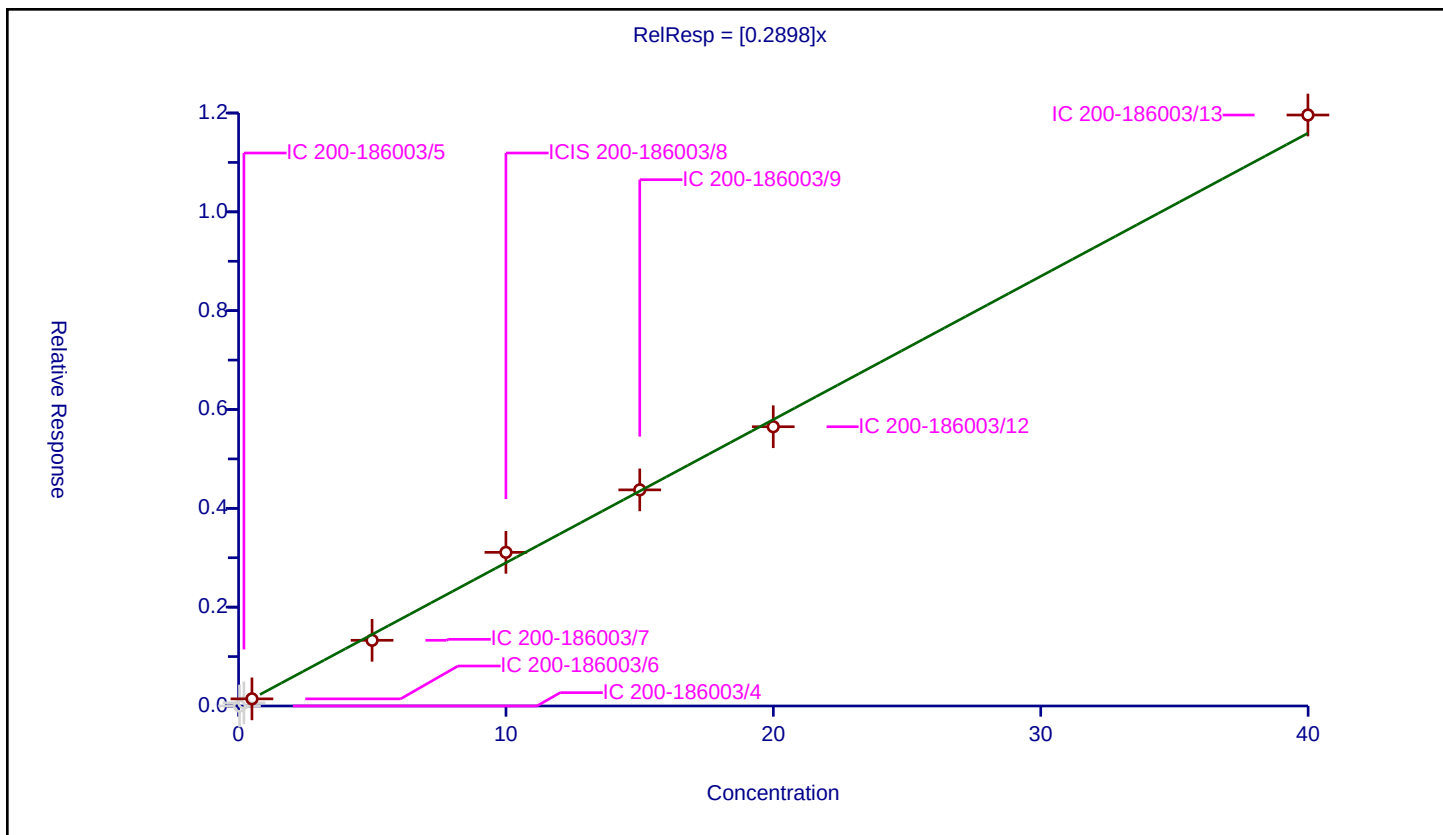
Curve Coefficients

Intercept: 0
 Slope: 0.2898

Error Coefficients

Standard Error: 139000
 Relative Standard Error: 5.2
 Correlation Coefficient: 0.983
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.0	10.0	189982.0	0.0	N
2	IC 200-186003/5	0.20044	0.064519	10.0	188936.0	0.321888	N
3	IC 200-186003/6	0.500453	0.144454	10.0	199925.0	0.288647	Y
4	IC 200-186003/7	4.992563	1.329378	10.0	185049.0	0.266272	Y
5	ICIS 200-186003/8	9.99806	3.10935	10.0	184151.0	0.310995	Y
6	IC 200-186003/9	15.003557	4.373432	10.0	173349.0	0.291493	Y
7	IC 200-186003/12	19.99612	5.651608	10.0	191933.0	0.282635	Y
8	IC 200-186003/13	39.99224	11.959774	10.0	229455.0	0.299052	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

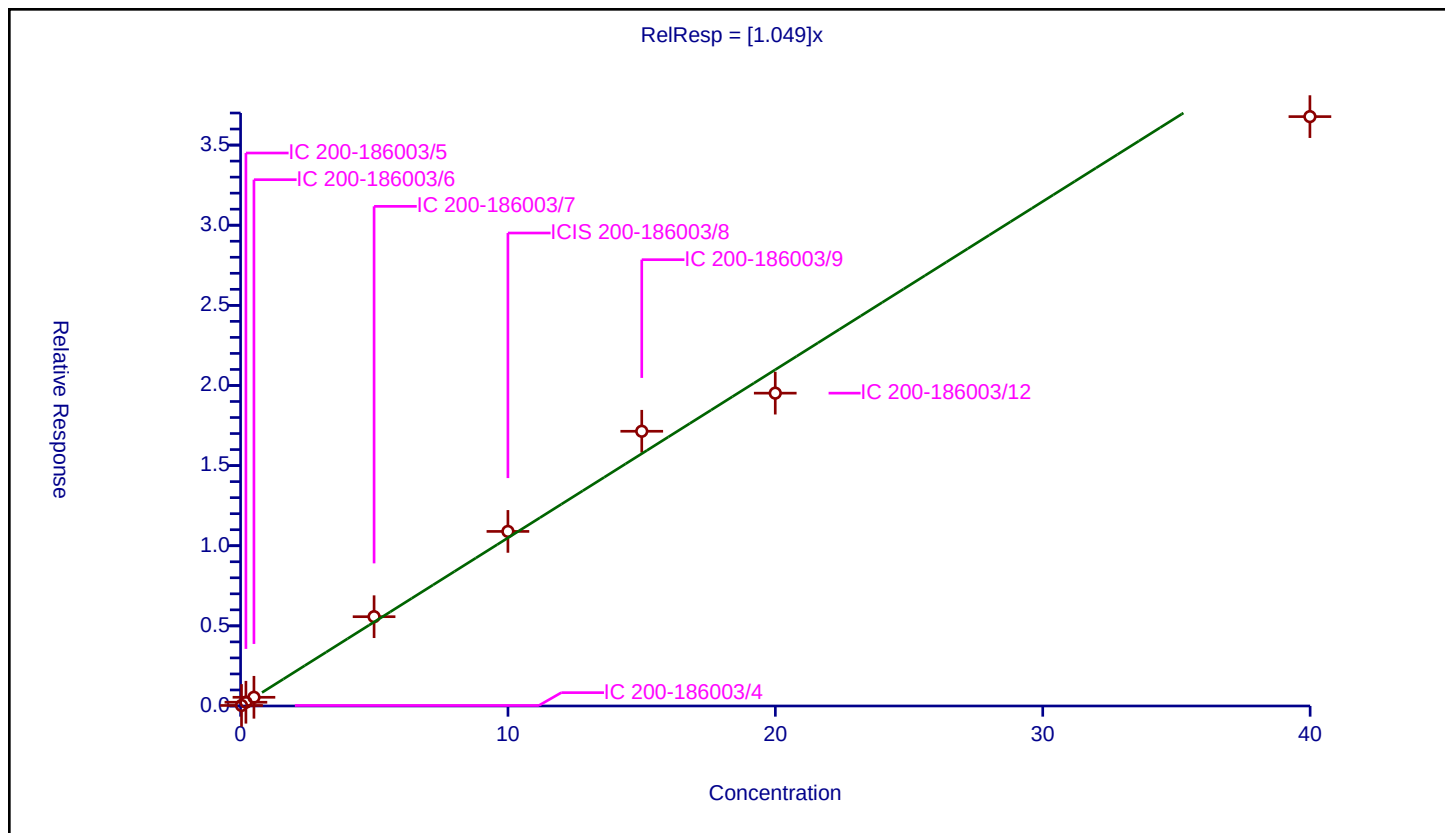
Curve Coefficients

Intercept: 0
 Slope: 1.049

Error Coefficients

Standard Error: 376000
 Relative Standard Error: 9.7
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.031635	10.0	189982.0	0.901862	Y
2	IC 200-186003/5	0.20044	0.233095	10.0	188936.0	1.162918	Y
3	IC 200-186003/6	0.500453	0.543504	10.0	199925.0	1.086025	Y
4	IC 200-186003/7	4.992563	5.571497	10.0	185049.0	1.115959	Y
5	ICIS 200-186003/8	9.99806	10.892257	10.0	184151.0	1.089437	Y
6	IC 200-186003/9	15.003557	17.142989	10.0	173349.0	1.142595	Y
7	IC 200-186003/12	19.99612	19.519989	10.0	191933.0	0.976189	Y
8	IC 200-186003/13	39.99224	36.774836	10.0	229455.0	0.919549	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

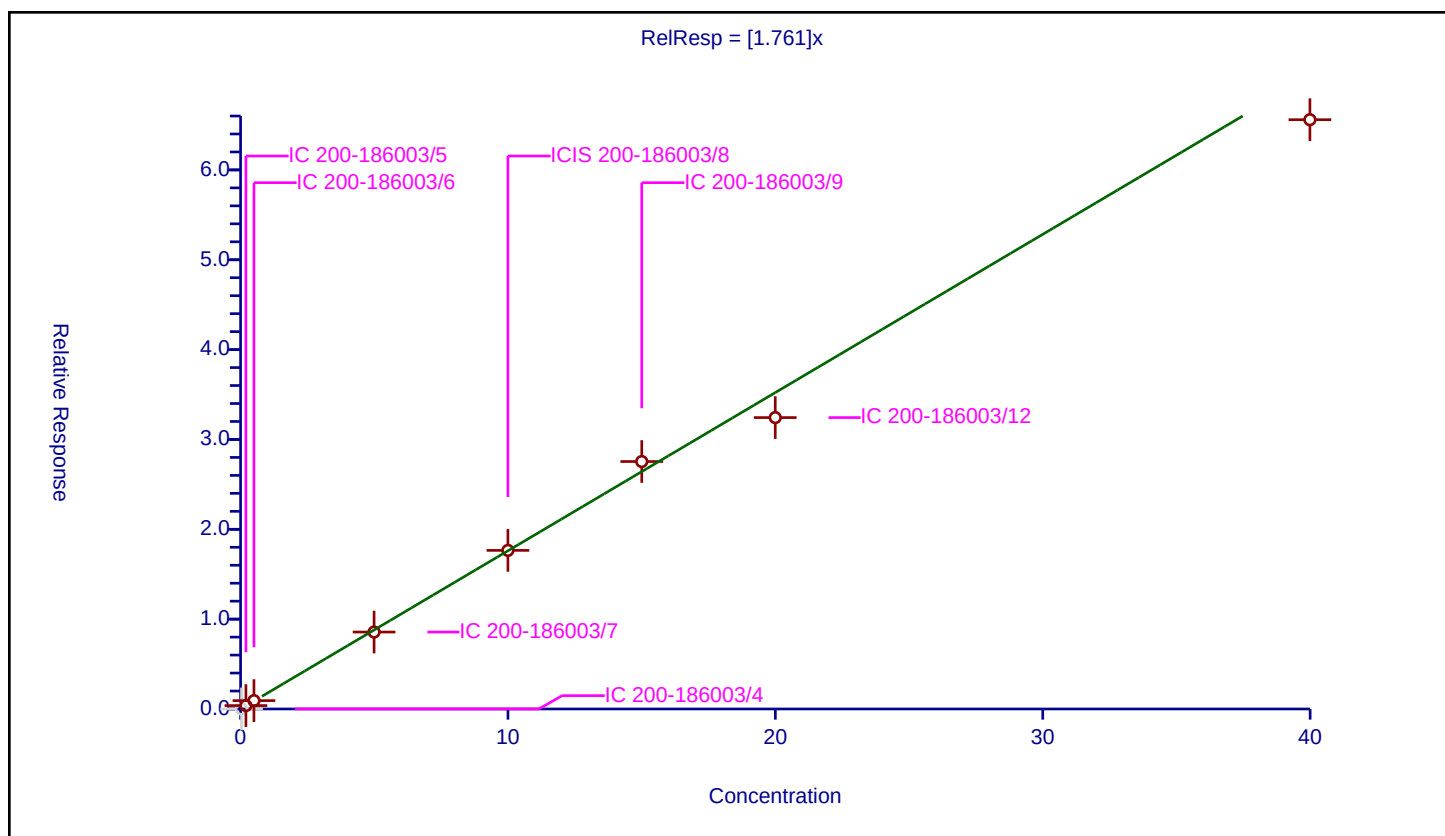
Curve Coefficients

Intercept: 0
 Slope: 1.761

Error Coefficients

Standard Error: 708000
 Relative Standard Error: 6.0
 Correlation Coefficient: 0.991
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.005264	10.0	189982.0	0.15006	N
2	IC 200-186003/5	0.20044	0.378276	10.0	188936.0	1.887232	Y
3	IC 200-186003/6	0.500453	0.931599	10.0	199925.0	1.861514	Y
4	IC 200-186003/7	4.992563	8.563353	10.0	185049.0	1.715222	Y
5	ICIS 200-186003/8	9.99806	17.65133	10.0	184151.0	1.765475	Y
6	IC 200-186003/9	15.003557	27.542068	10.0	173349.0	1.835703	Y
7	IC 200-186003/12	19.99612	32.434912	10.0	191933.0	1.62206	Y
8	IC 200-186003/13	39.99224	65.590029	10.0	229455.0	1.640069	Y



Calibration

/ Hexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

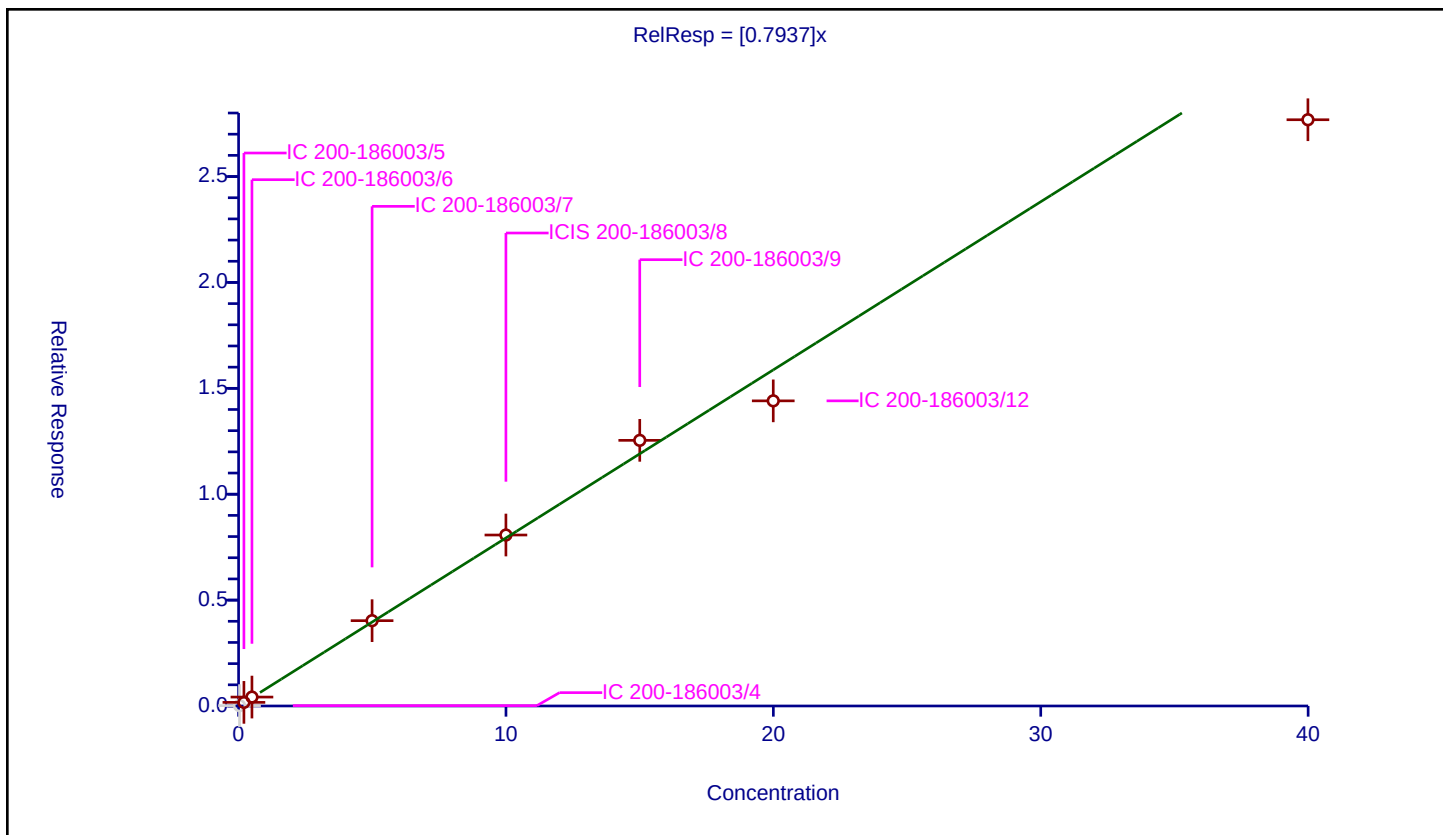
Curve Coefficients

Intercept: 0
 Slope: 0.7937

Error Coefficients

Standard Error: 304000
 Relative Standard Error: 7.9
 Correlation Coefficient: 0.995
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.017002	10.0	189982.0	0.484695	N
2	IC 200-186003/5	0.20044	0.170428	10.0	188936.0	0.850271	Y
3	IC 200-186003/6	0.500453	0.421408	10.0	199925.0	0.842054	Y
4	IC 200-186003/7	4.992563	4.029149	10.0	185049.0	0.80703	Y
5	ICIS 200-186003/8	9.99806	8.073537	10.0	184151.0	0.80751	Y
6	IC 200-186003/9	15.003557	12.542962	10.0	173349.0	0.835999	Y
7	IC 200-186003/12	19.99612	14.408465	10.0	191933.0	0.720563	Y
8	IC 200-186003/13	39.99224	27.682509	10.0	229455.0	0.692197	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

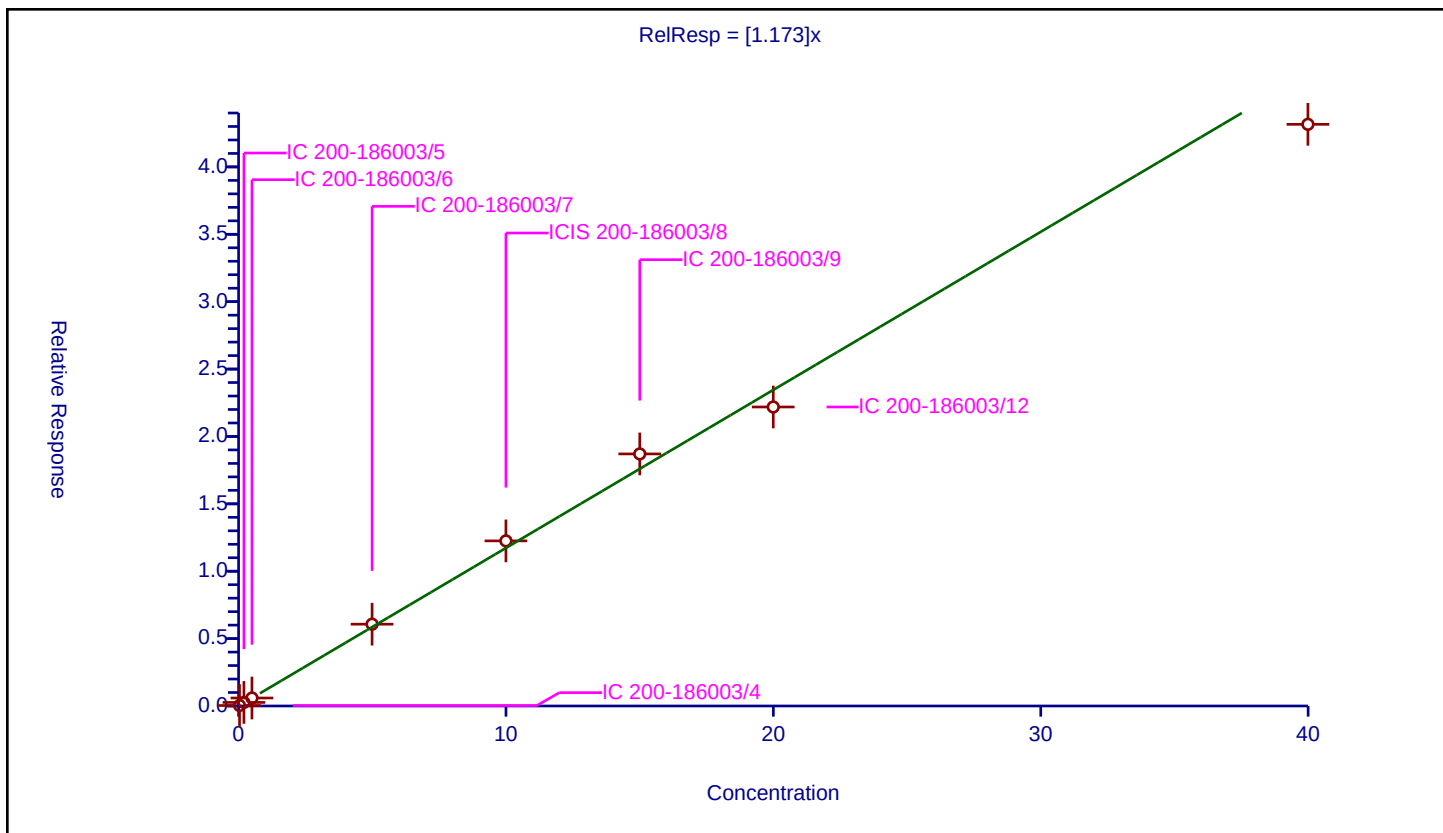
Curve Coefficients

Intercept: 0
 Slope: 1.173

Error Coefficients

Standard Error: 436000
 Relative Standard Error: 8.8
 Correlation Coefficient: 0.994
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.035109	10.0	189982.0	1.000902	Y
2	IC 200-186003/5	0.20044	0.264481	10.0	188936.0	1.319505	Y
3	IC 200-186003/6	0.500453	0.593172	10.0	199925.0	1.185272	Y
4	IC 200-186003/7	4.992563	6.068879	10.0	185049.0	1.215584	Y
5	ICIS 200-186003/8	9.99806	12.250599	10.0	184151.0	1.225298	Y
6	IC 200-186003/9	15.003557	18.704636	10.0	173349.0	1.24668	Y
7	IC 200-186003/12	19.99612	22.186701	10.0	191933.0	1.10955	Y
8	IC 200-186003/13	39.99224	43.161971	10.0	229455.0	1.079259	Y



Calibration

/ Vinyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

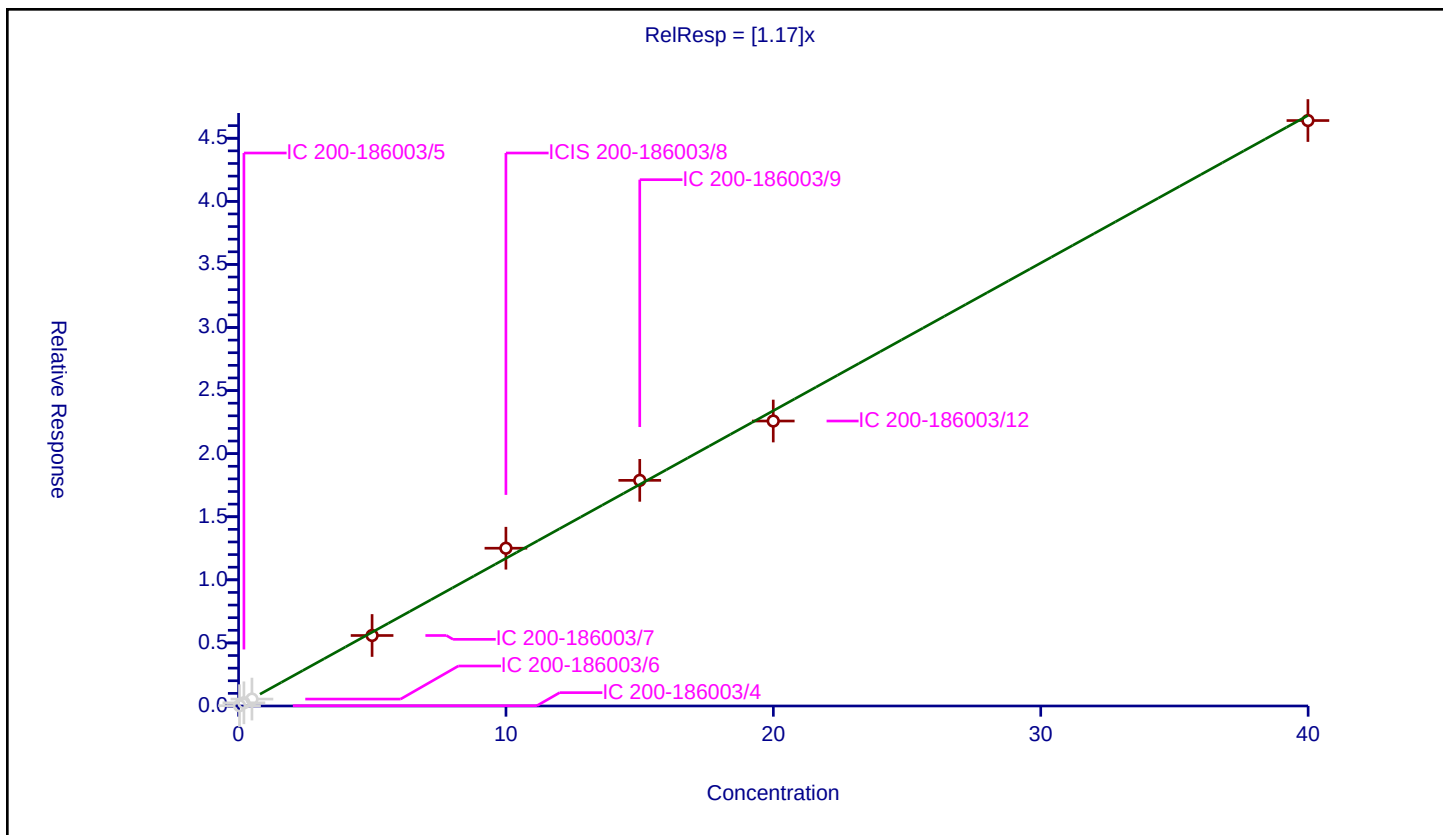
Curve Coefficients

Intercept: 0
 Slope: 1.17

Error Coefficients

Standard Error: 609000
 Relative Standard Error: 4.6
 Correlation Coefficient: 0.989
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.022686	10.0	189982.0	0.64676	N
2	IC 200-186003/5	0.20044	0.25289	10.0	188936.0	1.261676	N
3	IC 200-186003/6	0.500453	0.548356	10.0	199925.0	1.095719	N
4	IC 200-186003/7	4.992563	5.586358	10.0	185049.0	1.118936	Y
5	ICIS 200-186003/8	9.99806	12.505444	10.0	184151.0	1.250787	Y
6	IC 200-186003/9	15.003557	17.884384	10.0	173349.0	1.19201	Y
7	IC 200-186003/12	19.99612	22.587257	10.0	191933.0	1.129582	Y
8	IC 200-186003/13	39.99224	46.403216	10.0	229455.0	1.160306	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

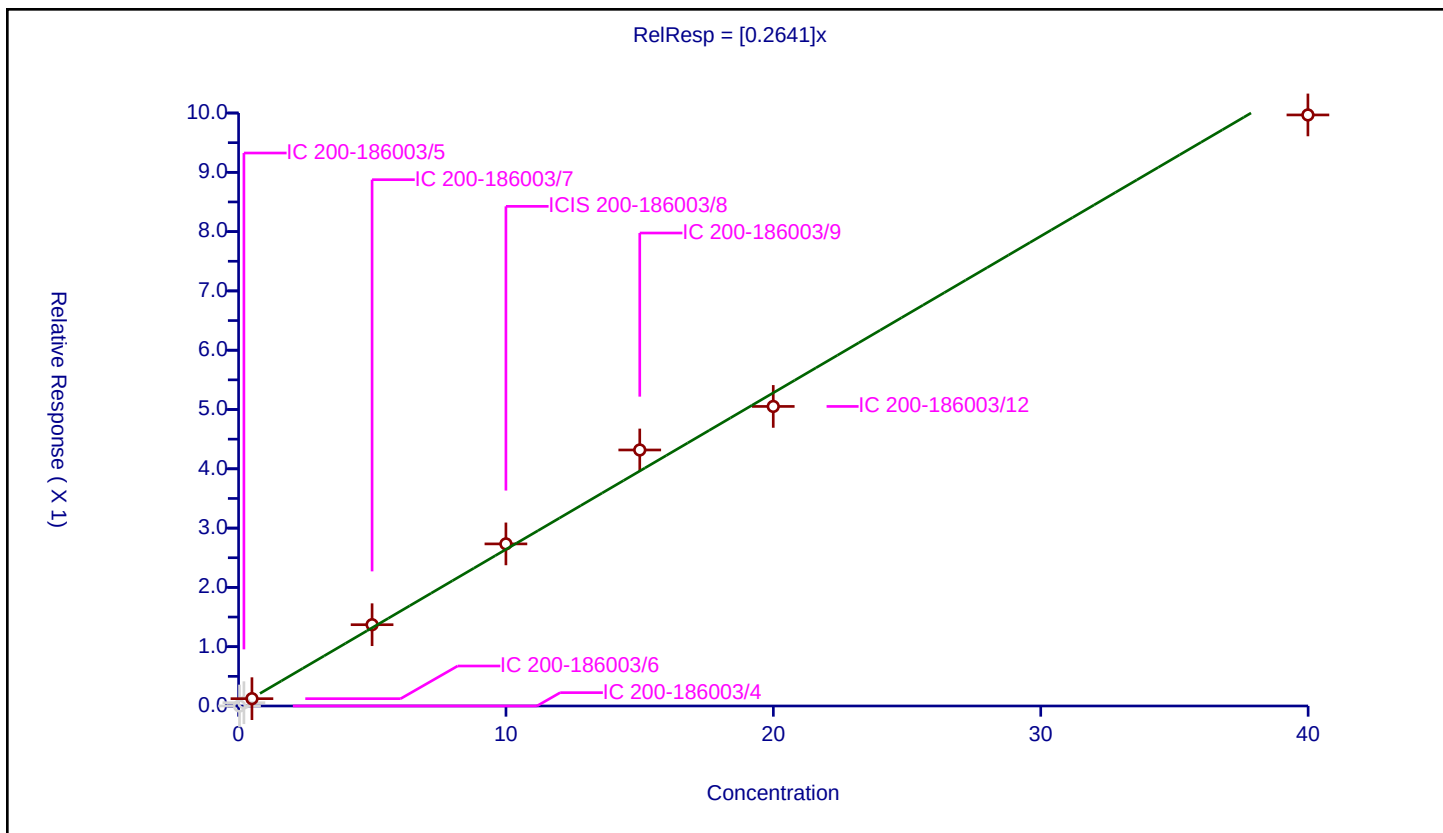
Curve Coefficients

Intercept: 0
 Slope: 0.2641

Error Coefficients

Standard Error: 119000
 Relative Standard Error: 6.4
 Correlation Coefficient: 0.993
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.0	10.0	189982.0	0.0	N
2	IC 200-186003/5	0.20044	0.055363	10.0	188936.0	0.276206	N
3	IC 200-186003/6	0.500453	0.123546	10.0	199925.0	0.246869	Y
4	IC 200-186003/7	4.992563	1.37115	10.0	185049.0	0.274639	Y
5	ICIS 200-186003/8	9.99806	2.733735	10.0	184151.0	0.273427	Y
6	IC 200-186003/9	15.003557	4.317533	10.0	173349.0	0.287767	Y
7	IC 200-186003/12	19.99612	5.051607	10.0	191933.0	0.252629	Y
8	IC 200-186003/13	39.99224	9.967401	10.0	229455.0	0.249233	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

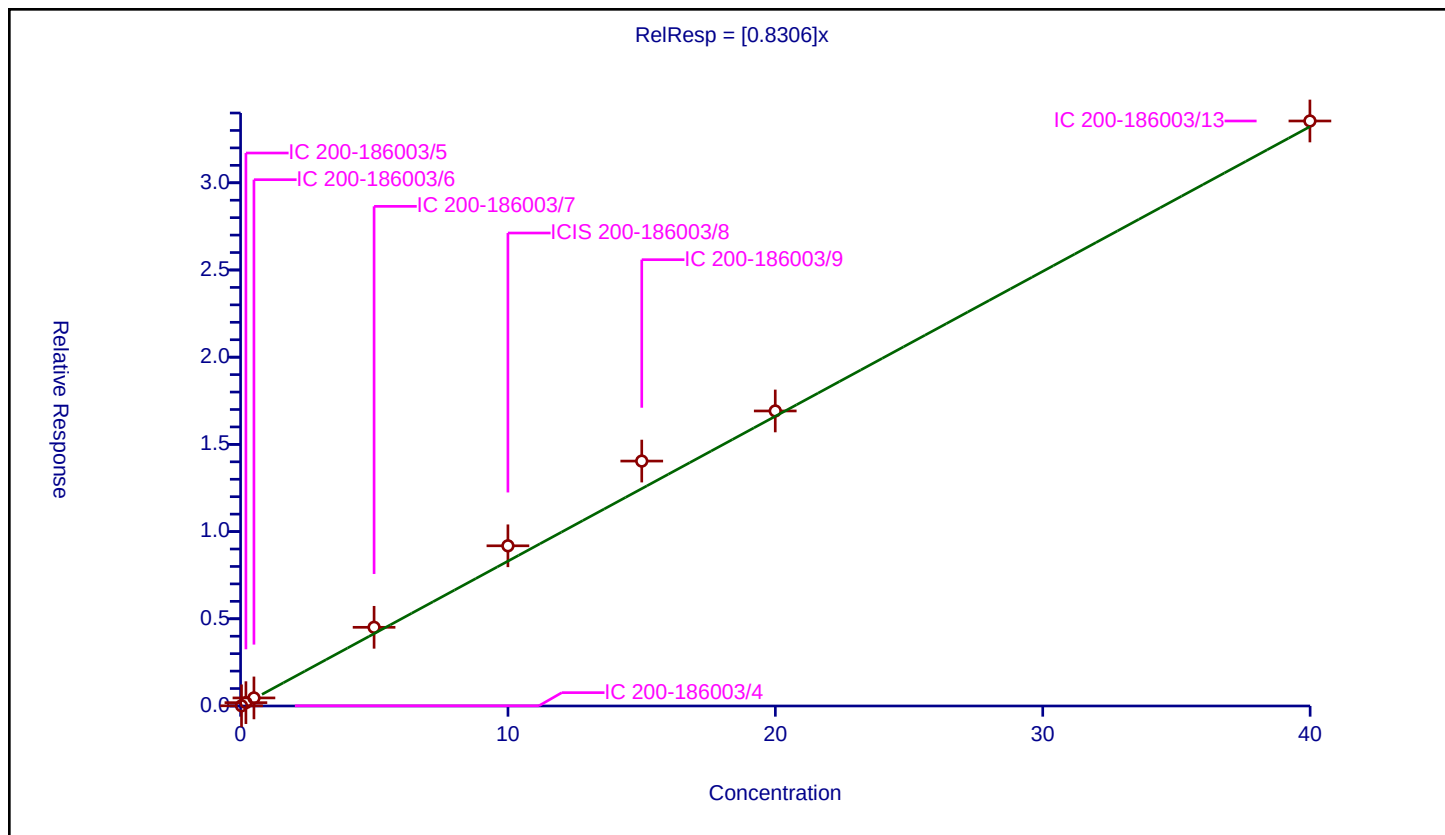
Curve Coefficients

Intercept: 0
 Slope: 0.8306

Error Coefficients

Standard Error: 337000
 Relative Standard Error: 25.4
 Correlation Coefficient: 0.992
 Coefficient of Determination (Adjusted): 0.944

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.011212	10.0	189982.0	0.319628	Y
2	IC 200-186003/5	0.20044	0.191758	10.0	188936.0	0.956687	Y
3	IC 200-186003/6	0.500453	0.463174	10.0	199925.0	0.92551	Y
4	IC 200-186003/7	4.992563	4.511994	10.0	185049.0	0.903743	Y
5	ICIS 200-186003/8	9.99806	9.184799	10.0	184151.0	0.918658	Y
6	IC 200-186003/9	15.003557	14.043173	10.0	173349.0	0.93599	Y
7	IC 200-186003/12	19.99612	16.916111	10.0	191933.0	0.84597	Y
8	IC 200-186003/13	39.99224	33.543178	10.0	229455.0	0.838742	Y



Calibration

/ Ethyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

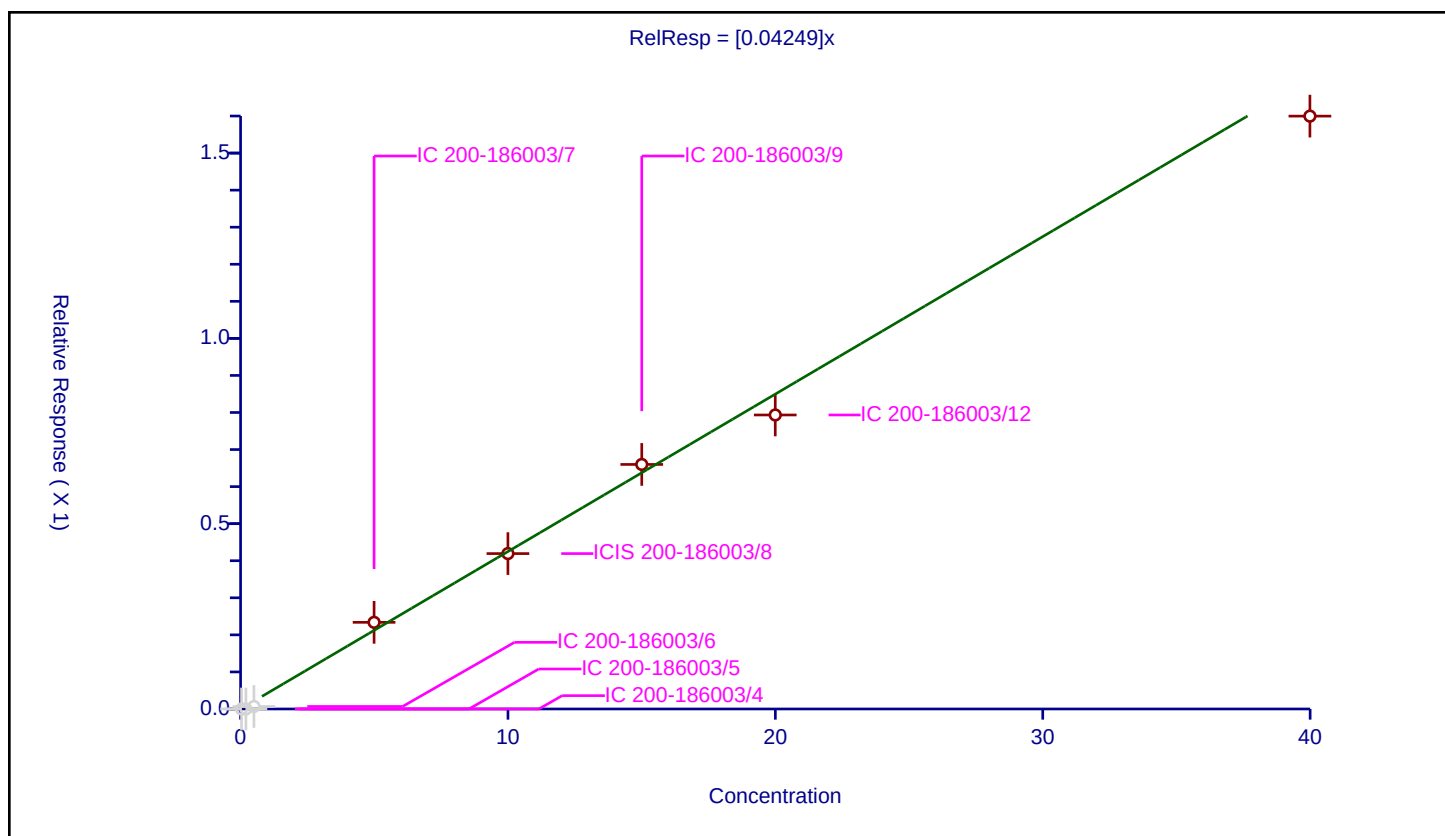
Curve Coefficients

Intercept: 0
 Slope: 0.04249

Error Coefficients

Standard Error: 21100
 Relative Standard Error: 7.0
 Correlation Coefficient: 0.990
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.0	10.0	189982.0	0.0	N
2	IC 200-186003/5	0.20044	0.0	10.0	188936.0	0.0	N
3	IC 200-186003/6	0.500453	0.006803	10.0	199925.0	0.013593	N
4	IC 200-186003/7	4.992563	0.23383	10.0	185049.0	0.046836	Y
5	ICIS 200-186003/8	9.99806	0.41933	10.0	184151.0	0.041941	Y
6	IC 200-186003/9	15.003557	0.659825	10.0	173349.0	0.043978	Y
7	IC 200-186003/12	19.99612	0.793298	10.0	191933.0	0.039673	Y
8	IC 200-186003/13	39.99224	1.599704	10.0	229455.0	0.04	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

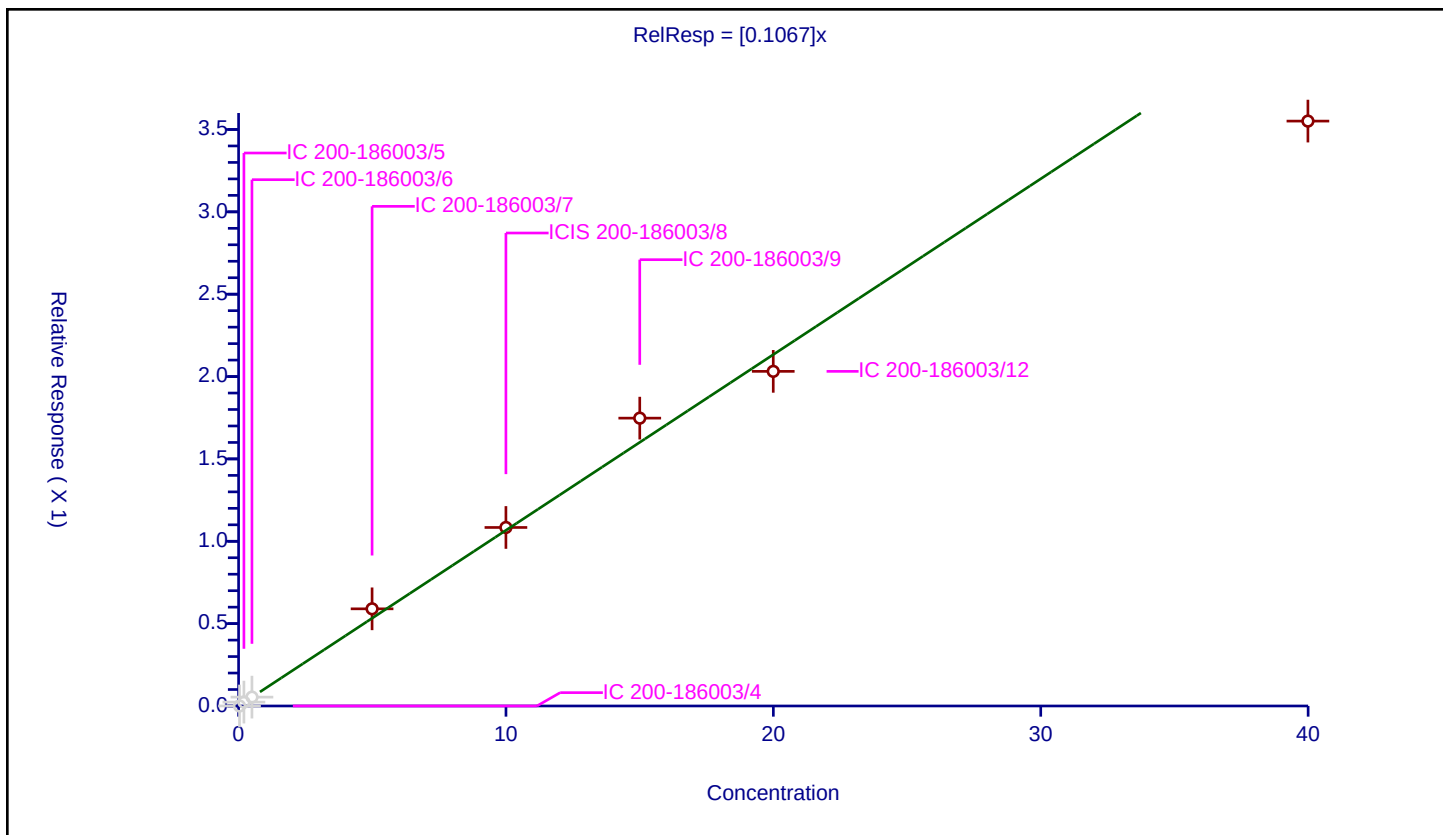
Curve Coefficients

Intercept: 0
 Slope: 0.1067

Error Coefficients

Standard Error: 245000
 Relative Standard Error: 11.3
 Correlation Coefficient: 0.995
 Coefficient of Determination (Adjusted): 0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.0	10.0	893455.0	0.0	N
2	IC 200-186003/5	0.20044	0.023598	10.0	835649.0	0.117733	N
3	IC 200-186003/6	0.500453	0.05376	10.0	932297.0	0.107422	N
4	IC 200-186003/7	4.992563	0.589893	10.0	809350.0	0.118154	Y
5	ICIS 200-186003/8	9.99806	1.083765	10.0	859116.0	0.108398	Y
6	IC 200-186003/9	15.003557	1.747529	10.0	780897.0	0.116474	Y
7	IC 200-186003/12	19.99612	2.031493	10.0	902932.0	0.101594	Y
8	IC 200-186003/13	39.99224	3.551021	10.0	1183226.0	0.088793	Y



Calibration

/ Chloroform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

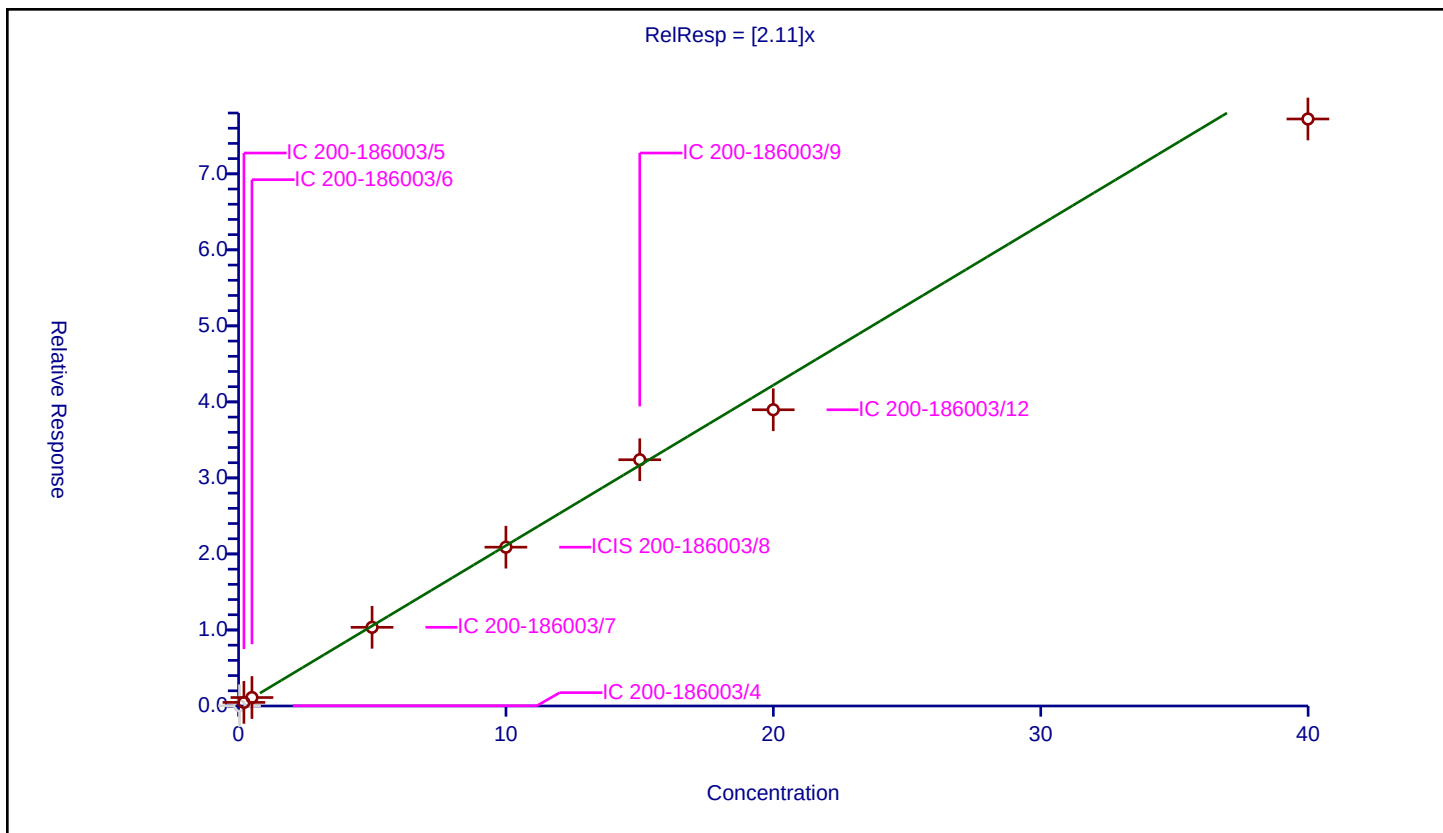
Curve Coefficients

Intercept: 0
 Slope: 2.11

Error Coefficients

Standard Error: 837000
 Relative Standard Error: 7.0
 Correlation Coefficient: 0.992
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.033951	10.0	189982.0	0.967889	N
2	IC 200-186003/5	0.20044	0.470794	10.0	188936.0	2.348808	Y
3	IC 200-186003/6	0.500453	1.111967	10.0	199925.0	2.221923	Y
4	IC 200-186003/7	4.992563	10.348232	10.0	185049.0	2.072729	Y
5	ICIS 200-186003/8	9.99806	20.88889	10.0	184151.0	2.089294	Y
6	IC 200-186003/9	15.003557	32.392399	10.0	173349.0	2.158981	Y
7	IC 200-186003/12	19.99612	38.965785	10.0	191933.0	1.948667	Y
8	IC 200-186003/13	39.99224	77.215576	10.0	229455.0	1.930764	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

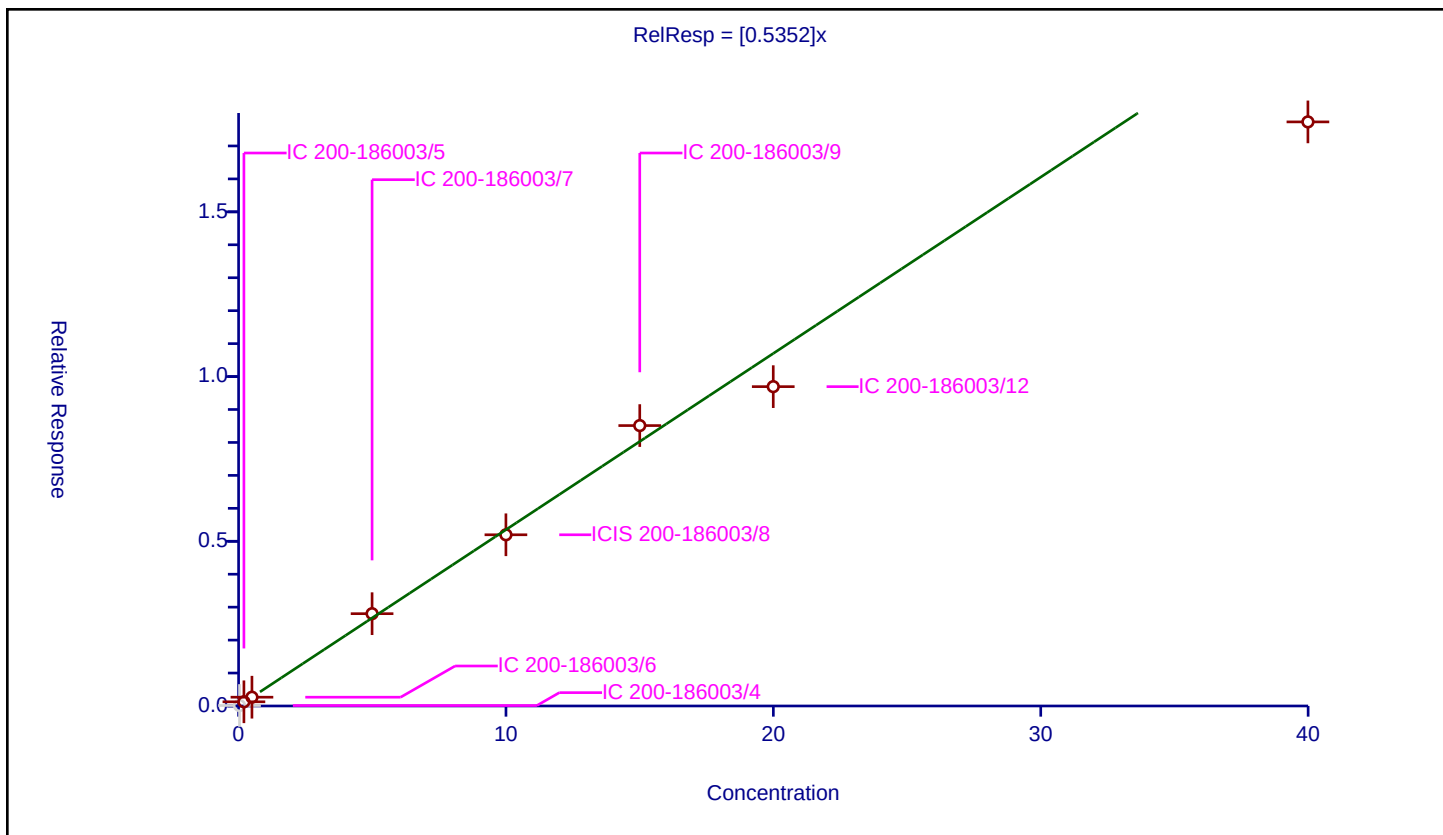
Curve Coefficients

Intercept: 0
 Slope: 0.5352

Error Coefficients

Standard Error: 988000
 Relative Standard Error: 11.7
 Correlation Coefficient: 0.991
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.014181	10.0	893455.0	0.40428	N
2	IC 200-186003/5	0.20044	0.127709	10.0	835649.0	0.637145	Y
3	IC 200-186003/6	0.500453	0.266449	10.0	932297.0	0.532417	Y
4	IC 200-186003/7	4.992563	2.802039	10.0	809350.0	0.561243	Y
5	ICIS 200-186003/8	9.99806	5.196912	10.0	859116.0	0.519792	Y
6	IC 200-186003/9	15.003557	8.512044	10.0	780897.0	0.567335	Y
7	IC 200-186003/12	19.99612	9.693853	10.0	902932.0	0.484787	Y
8	IC 200-186003/13	39.99224	17.730425	10.0	1183226.0	0.443347	Y



Calibration

/ Cyclohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

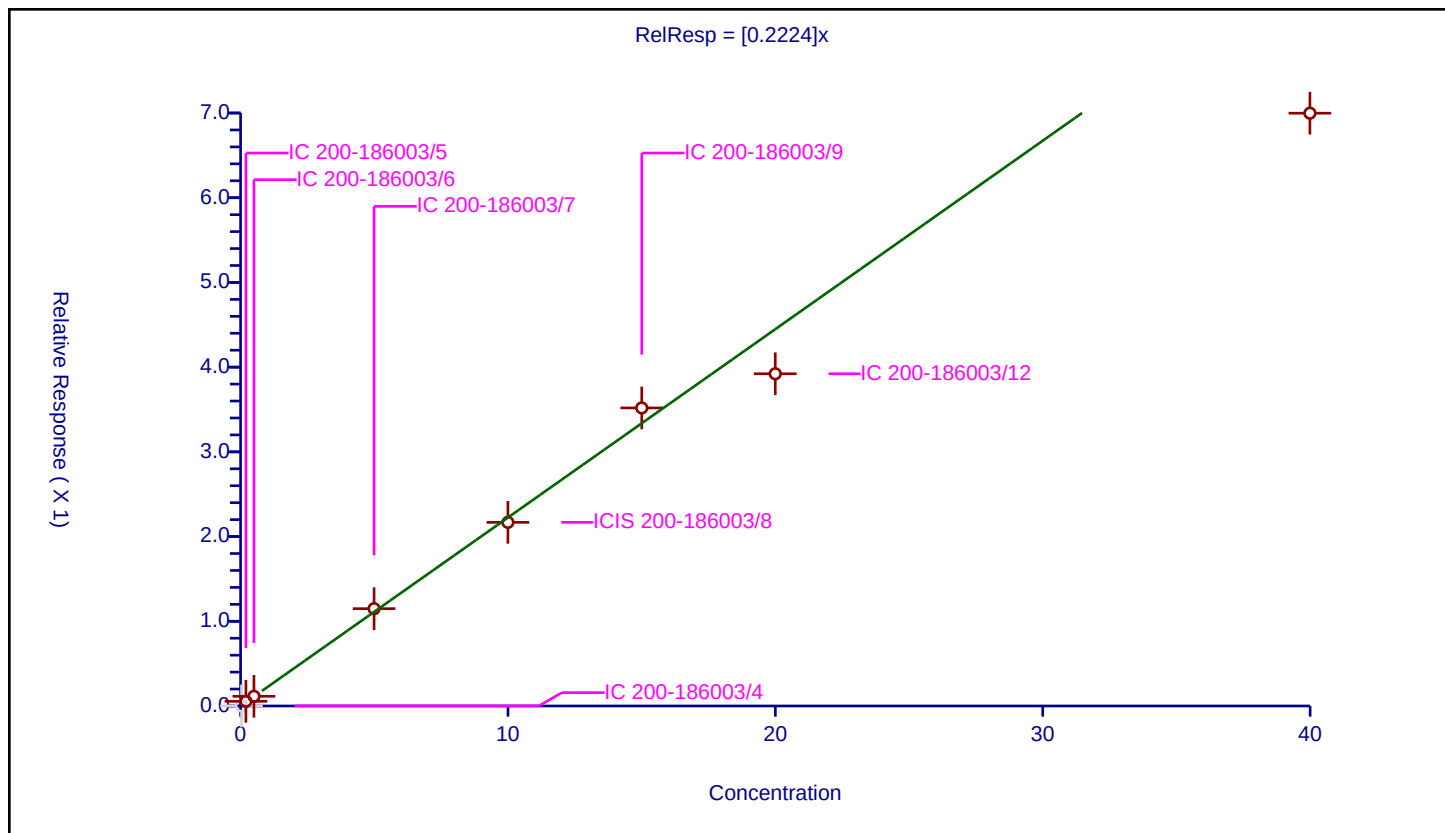
Curve Coefficients

Intercept: 0
 Slope: 0.2224

Error Coefficients

Standard Error: 394000
 Relative Standard Error: 14.3
 Correlation Coefficient: 0.994
 Coefficient of Determination (Adjusted): 0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.001556	10.0	893455.0	0.044353	N
2	IC 200-186003/5	0.20044	0.05531	10.0	835649.0	0.275945	Y
3	IC 200-186003/6	0.500453	0.114352	10.0	932297.0	0.228497	Y
4	IC 200-186003/7	4.992563	1.148885	10.0	809350.0	0.230119	Y
5	ICIS 200-186003/8	9.99806	2.16781	10.0	859116.0	0.216823	Y
6	IC 200-186003/9	15.003557	3.518633	10.0	780897.0	0.23452	Y
7	IC 200-186003/12	19.99612	3.922056	10.0	902932.0	0.196141	Y
8	IC 200-186003/13	39.99224	6.997708	10.0	1183226.0	0.174977	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

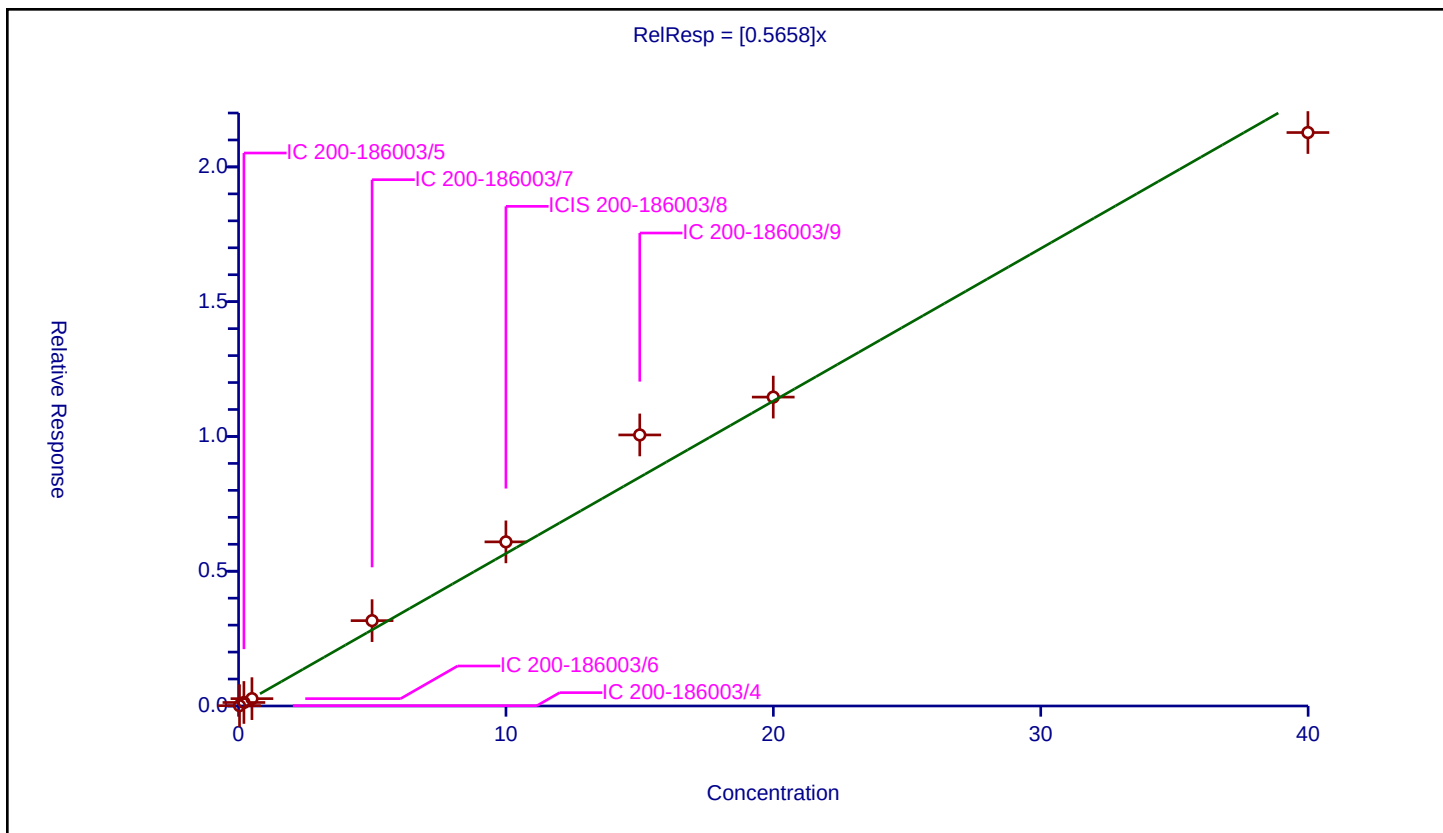
Curve Coefficients

Intercept: 0
 Slope: 0.5658

Error Coefficients

Standard Error: 1090000
 Relative Standard Error: 20.0
 Correlation Coefficient: 0.990
 Coefficient of Determination (Adjusted): 0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.01098	10.0	893455.0	0.313022	Y
2	IC 200-186003/5	0.20044	0.130138	10.0	835649.0	0.649265	Y
3	IC 200-186003/6	0.500453	0.272907	10.0	932297.0	0.54532	Y
4	IC 200-186003/7	4.992563	3.166245	10.0	809350.0	0.634192	Y
5	ICIS 200-186003/8	9.99806	6.089329	10.0	859116.0	0.609051	Y
6	IC 200-186003/9	15.003557	10.056653	10.0	780897.0	0.670285	Y
7	IC 200-186003/12	19.99612	11.460032	10.0	902932.0	0.573113	Y
8	IC 200-186003/13	39.99224	21.276045	10.0	1183226.0	0.532004	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

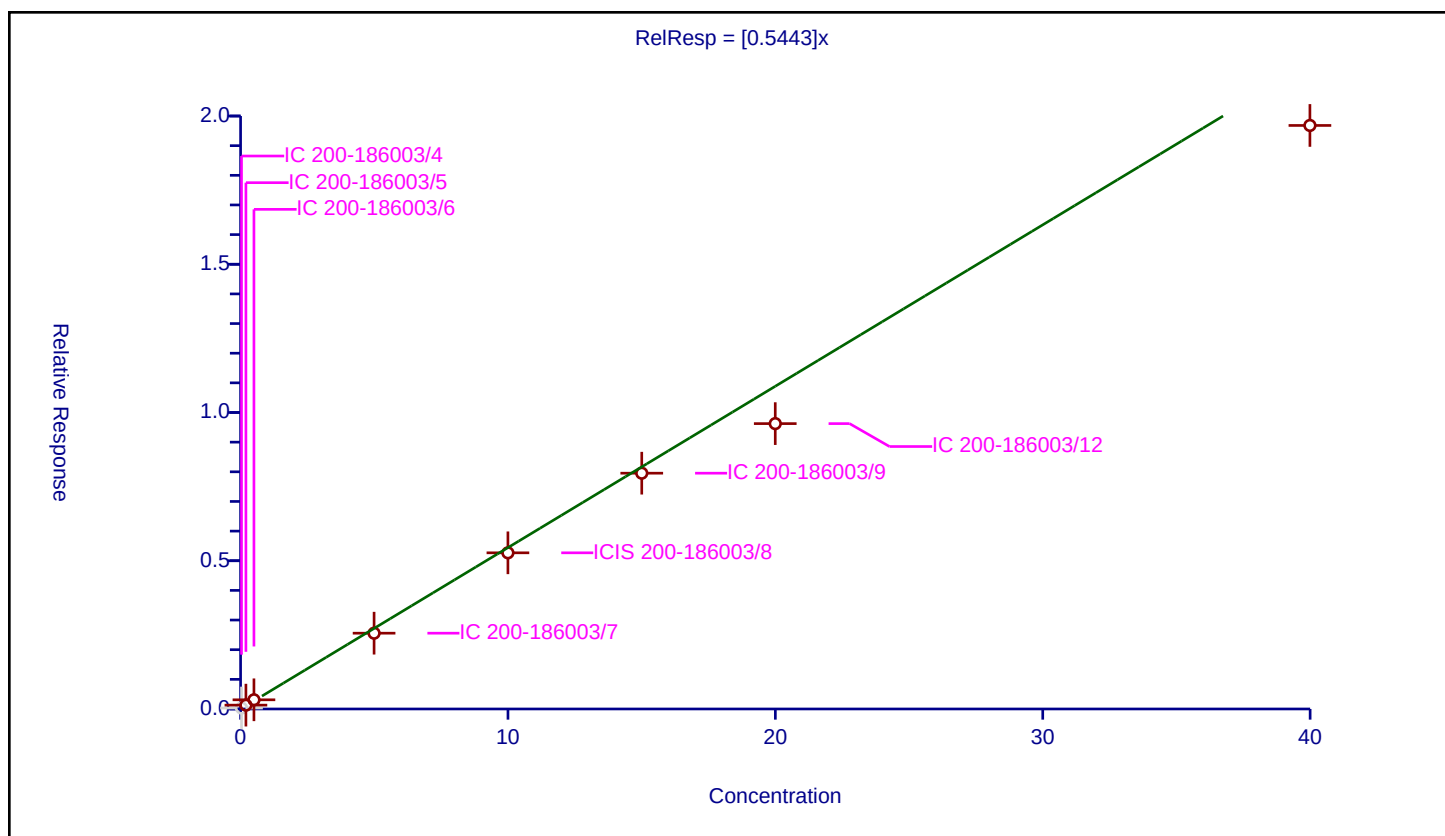
Curve Coefficients

Intercept: 0
Slope: 0.5443

Error Coefficients

Standard Error: 1070000
Relative Standard Error: 11.8
Correlation Coefficient: 0.977
Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.03313	10.0	893455.0	0.94449	N
2	IC 200-186003/5	0.20044	0.130055	10.0	835649.0	0.648847	Y
3	IC 200-186003/6	0.500453	0.309687	10.0	932297.0	0.618813	Y
4	IC 200-186003/7	4.992563	2.556447	10.0	809350.0	0.512051	Y
5	ICIS 200-186003/8	9.99806	5.267333	10.0	859116.0	0.526836	Y
6	IC 200-186003/9	15.003557	7.953162	10.0	780897.0	0.530085	Y
7	IC 200-186003/12	19.99612	9.624878	10.0	902932.0	0.481337	Y
8	IC 200-186003/13	39.99224	19.681718	10.0	1183226.0	0.492138	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

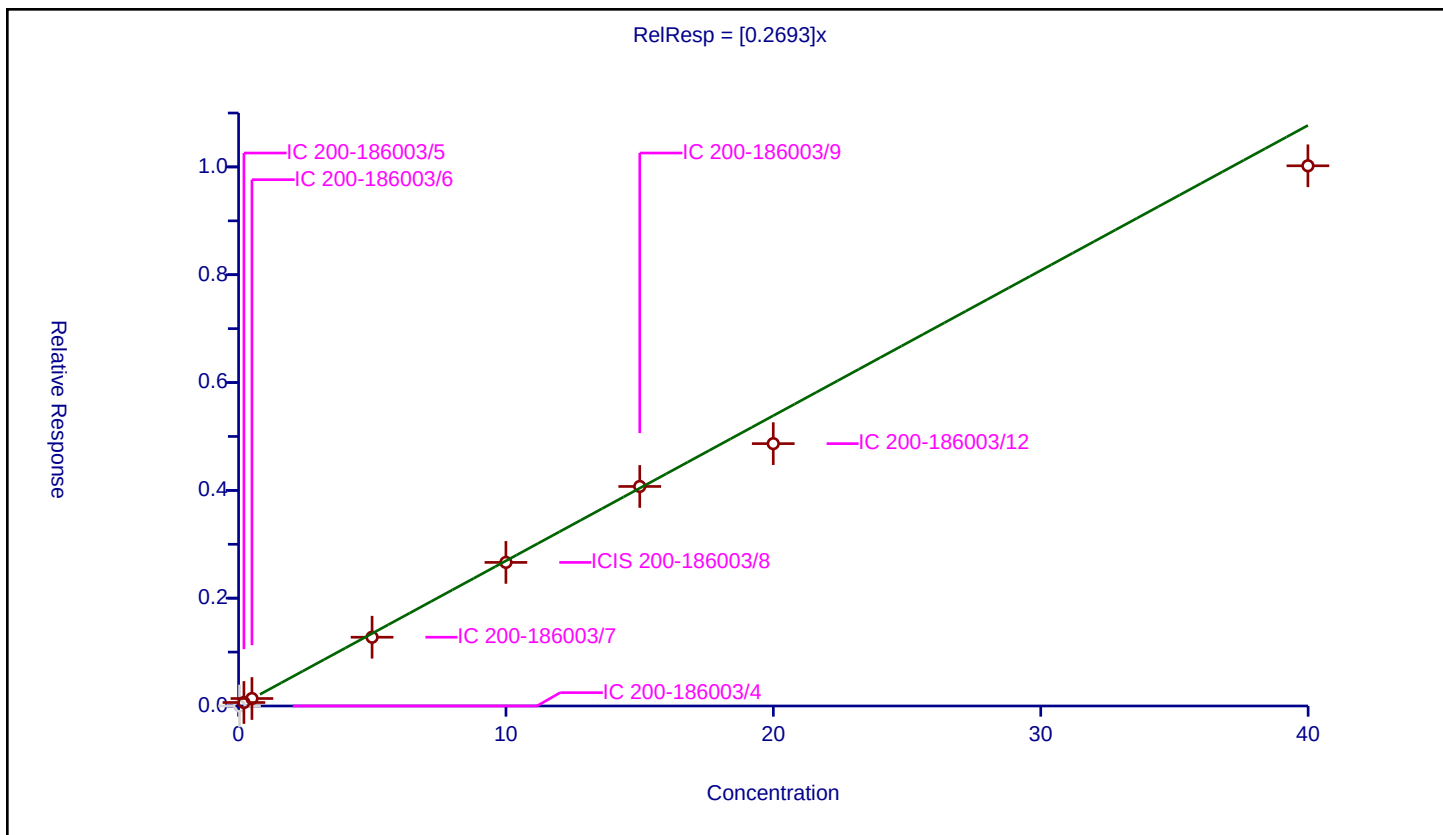
Curve Coefficients

Intercept: 0
 Slope: 0.2693

Error Coefficients

Standard Error: 542000
 Relative Standard Error: 9.5
 Correlation Coefficient: 0.977
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.0	10.0	893455.0	0.0	N
2	IC 200-186003/5	0.20044	0.064345	10.0	835649.0	0.32102	Y
3	IC 200-186003/6	0.500453	0.138572	10.0	932297.0	0.276893	Y
4	IC 200-186003/7	4.992563	1.275517	10.0	809350.0	0.255483	Y
5	ICIS 200-186003/8	9.99806	2.663529	10.0	859116.0	0.266405	Y
6	IC 200-186003/9	15.003557	4.072355	10.0	780897.0	0.271426	Y
7	IC 200-186003/12	19.99612	4.866801	10.0	902932.0	0.243387	Y
8	IC 200-186003/13	39.99224	10.020833	10.0	1183226.0	0.250569	Y



Calibration

/ Isooctane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

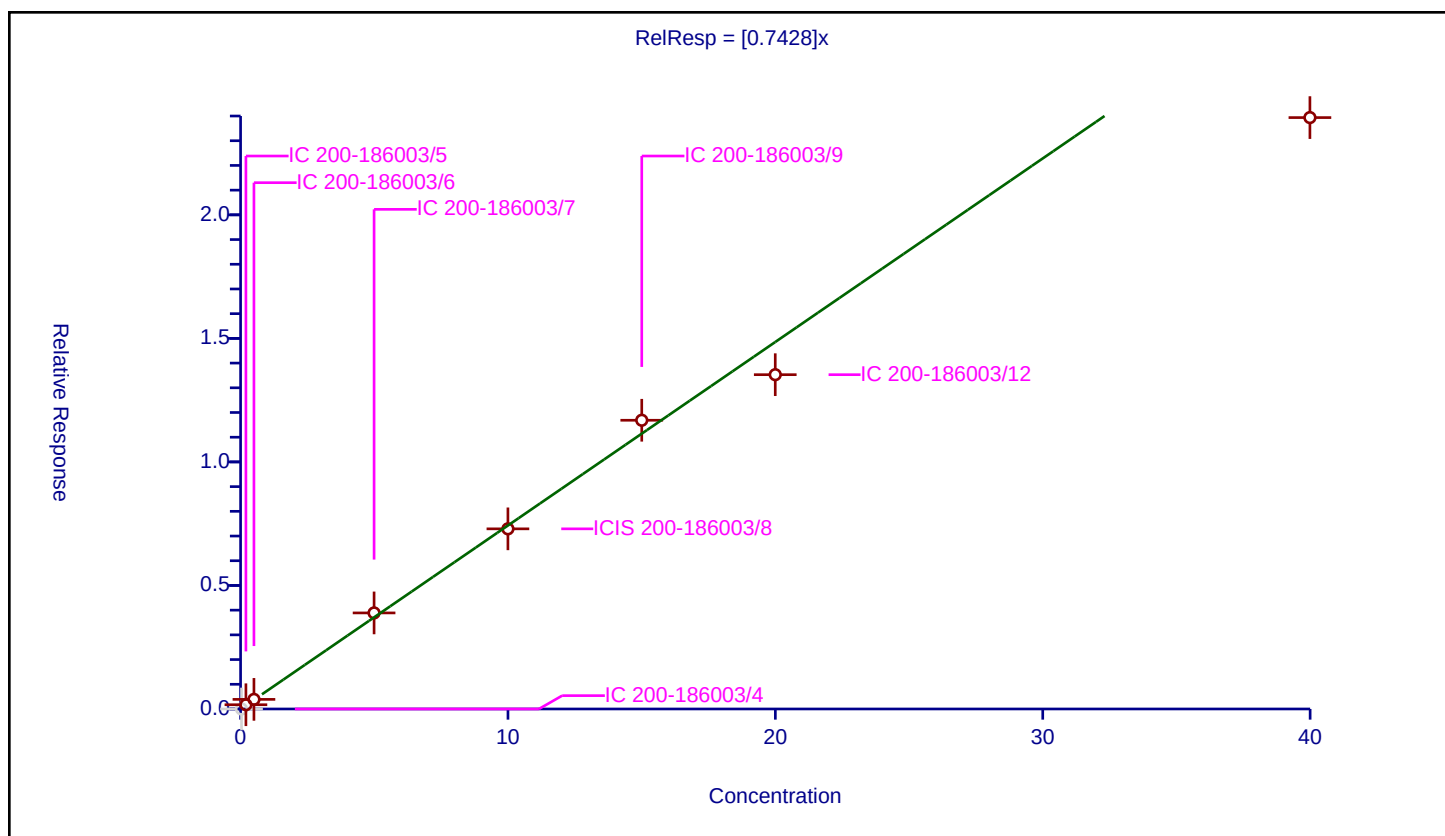
Curve Coefficients

Intercept: 0
Slope: 0.7428

Error Coefficients

Standard Error: 1340000
Relative Standard Error: 11.4
Correlation Coefficient: 0.994
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.0	10.0	893455.0	0.0	N
2	IC 200-186003/5	0.20044	0.172154	10.0	835649.0	0.85888	Y
3	IC 200-186003/6	0.500453	0.38949	10.0	932297.0	0.778275	Y
4	IC 200-186003/7	4.992563	3.88859	10.0	809350.0	0.778876	Y
5	ICIS 200-186003/8	9.99806	7.290808	10.0	859116.0	0.729222	Y
6	IC 200-186003/9	15.003557	11.686599	10.0	780897.0	0.778922	Y
7	IC 200-186003/12	19.99612	13.530498	10.0	902932.0	0.676656	Y
8	IC 200-186003/13	39.99224	23.936788	10.0	1183226.0	0.598536	Y



Calibration

/ n-Heptane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

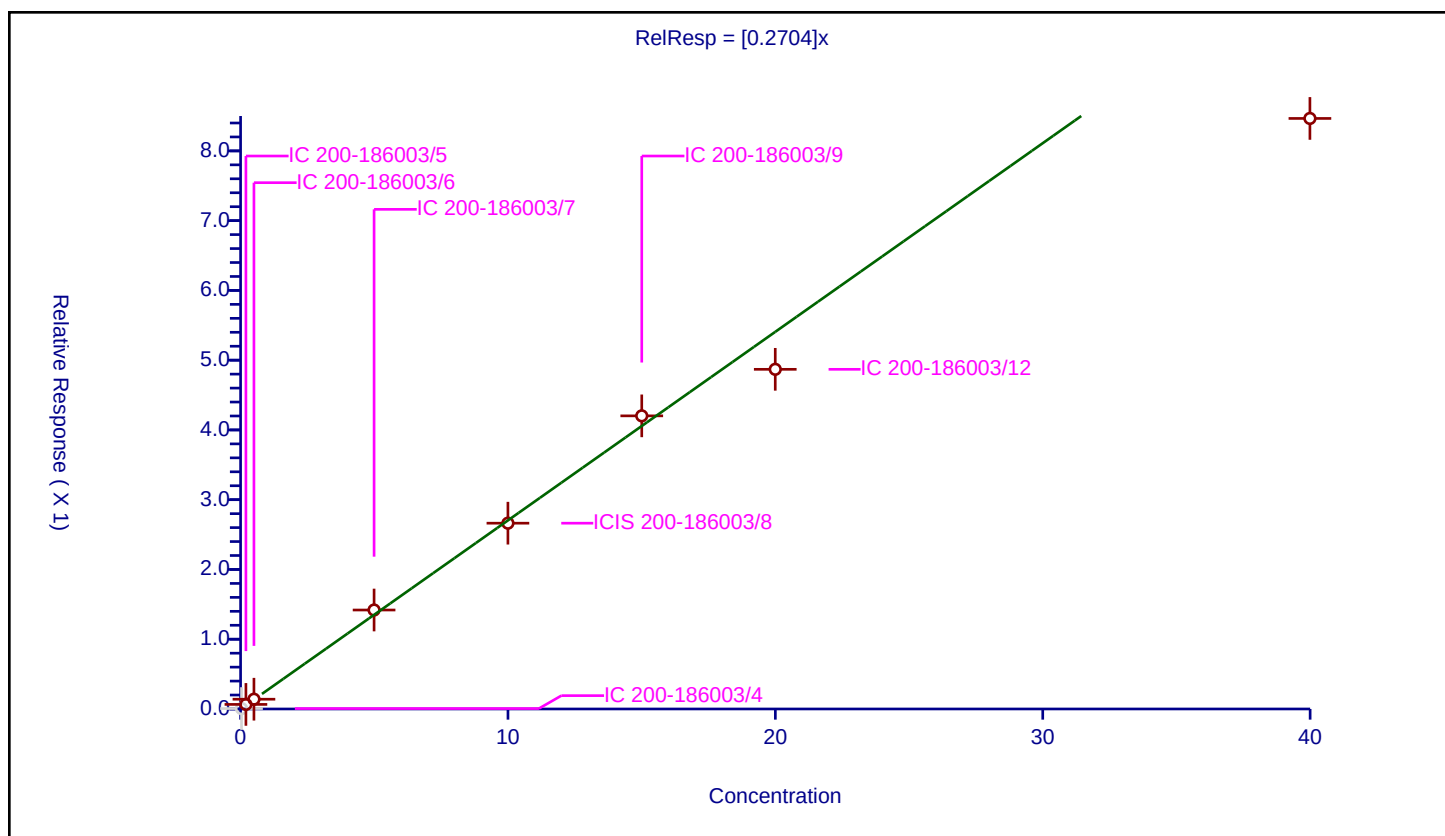
Curve Coefficients

Intercept: 0
 Slope: 0.2704

Error Coefficients

Standard Error: 478000
 Relative Standard Error: 13.3
 Correlation Coefficient: 0.995
 Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.006424	10.0	893455.0	0.183154	N
2	IC 200-186003/5	0.20044	0.065458	10.0	835649.0	0.326573	Y
3	IC 200-186003/6	0.500453	0.140159	10.0	932297.0	0.280065	Y
4	IC 200-186003/7	4.992563	1.41883	10.0	809350.0	0.284189	Y
5	ICIS 200-186003/8	9.99806	2.663482	10.0	859116.0	0.2664	Y
6	IC 200-186003/9	15.003557	4.201835	10.0	780897.0	0.280056	Y
7	IC 200-186003/12	19.99612	4.869027	10.0	902932.0	0.243499	Y
8	IC 200-186003/13	39.99224	8.465323	10.0	1183226.0	0.211674	Y



Calibration

/ n-Butanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

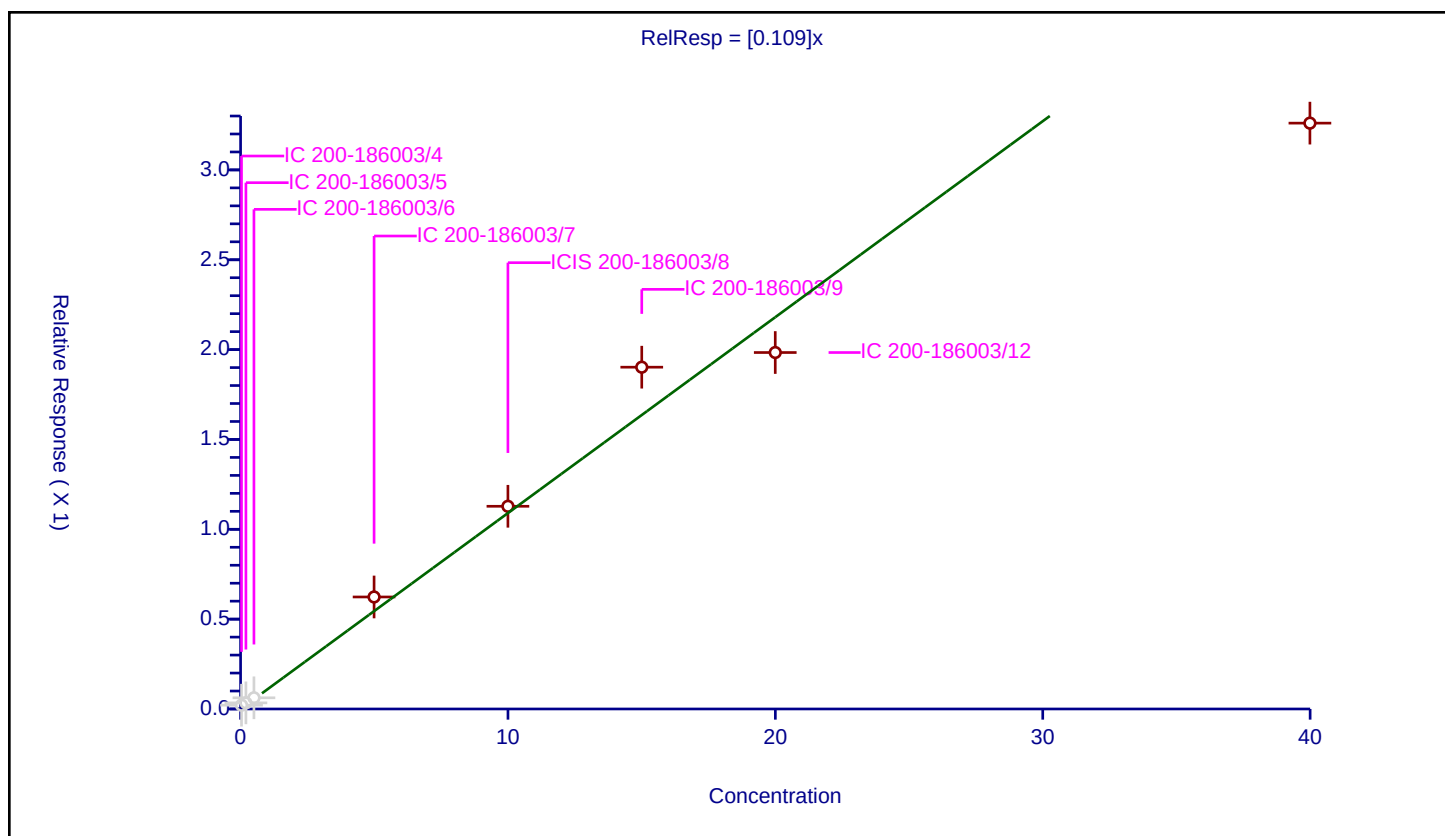
Curve Coefficients

Intercept: 0
Slope: 0.109

Error Coefficients

Standard Error: 232000
Relative Standard Error: 17.4
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.901

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.02121	10.0	893455.0	0.604665	N
2	IC 200-186003/5	0.20044	0.034009	10.0	835649.0	0.169674	N
3	IC 200-186003/6	0.500453	0.062255	10.0	932297.0	0.124397	N
4	IC 200-186003/7	4.992563	0.623303	10.0	809350.0	0.124846	Y
5	ICIS 200-186003/8	9.99806	1.128067	10.0	859116.0	0.112829	Y
6	IC 200-186003/9	15.003557	1.902146	10.0	780897.0	0.12678	Y
7	IC 200-186003/12	19.99612	1.983815	10.0	902932.0	0.09921	Y
8	IC 200-186003/13	39.99224	3.260417	10.0	1183226.0	0.081526	Y



Calibration

/ Trichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

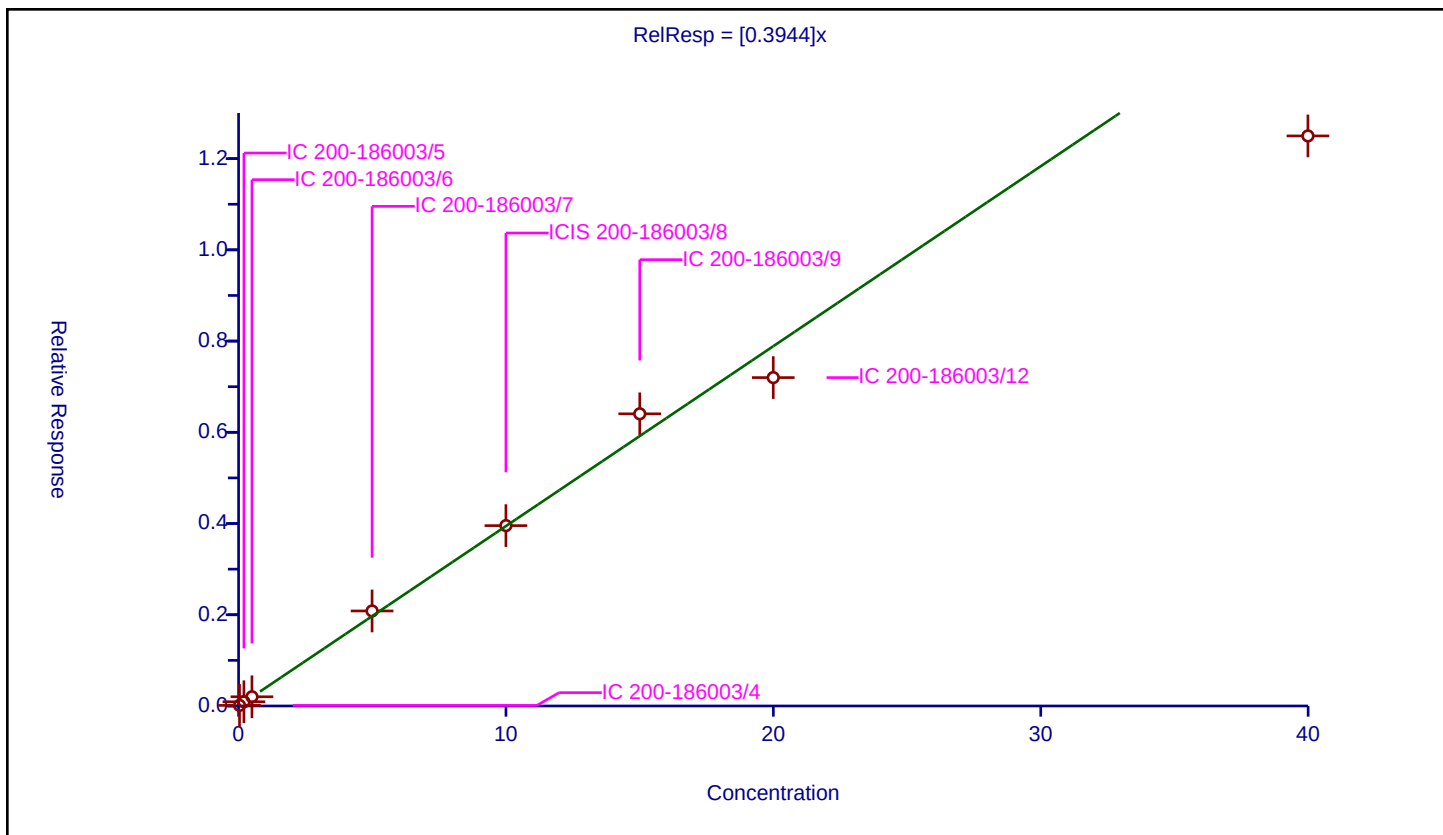
Curve Coefficients

Intercept: 0
 Slope: 0.3944

Error Coefficients

Standard Error: 655000
 Relative Standard Error: 11.6
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.013185	10.0	893455.0	0.375881	Y
2	IC 200-186003/5	0.20044	0.09291	10.0	835649.0	0.46353	Y
3	IC 200-186003/6	0.500453	0.202071	10.0	932297.0	0.403776	Y
4	IC 200-186003/7	4.992563	2.083252	10.0	809350.0	0.417271	Y
5	ICIS 200-186003/8	9.99806	3.954274	10.0	859116.0	0.395504	Y
6	IC 200-186003/9	15.003557	6.40548	10.0	780897.0	0.426931	Y
7	IC 200-186003/12	19.99612	7.19939	10.0	902932.0	0.360039	Y
8	IC 200-186003/13	39.99224	12.497984	10.0	1183226.0	0.31251	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

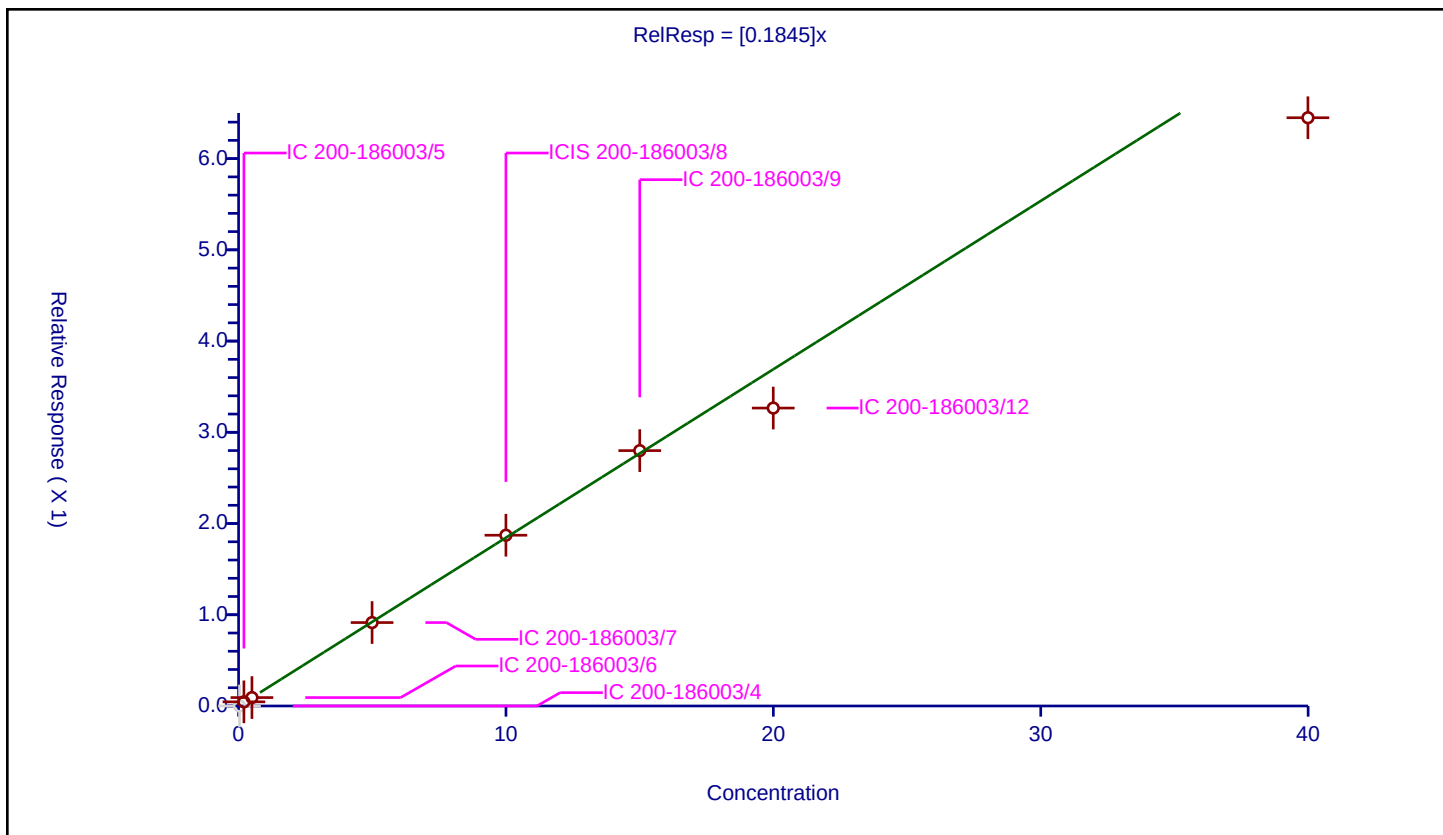
Curve Coefficients

Intercept: 0
 Slope: 0.1845

Error Coefficients

Standard Error: 353000
 Relative Standard Error: 11.6
 Correlation Coefficient: 0.983
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.0	10.0	893455.0	0.0	N
2	IC 200-186003/5	0.20044	0.045318	10.0	835649.0	0.226093	Y
3	IC 200-186003/6	0.500453	0.09217	10.0	932297.0	0.184174	Y
4	IC 200-186003/7	4.992563	0.914573	10.0	809350.0	0.183187	Y
5	ICIS 200-186003/8	9.99806	1.871866	10.0	859116.0	0.187223	Y
6	IC 200-186003/9	15.003557	2.799383	10.0	780897.0	0.186581	Y
7	IC 200-186003/12	19.99612	3.265717	10.0	902932.0	0.163318	Y
8	IC 200-186003/13	39.99224	6.448185	10.0	1183226.0	0.161236	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

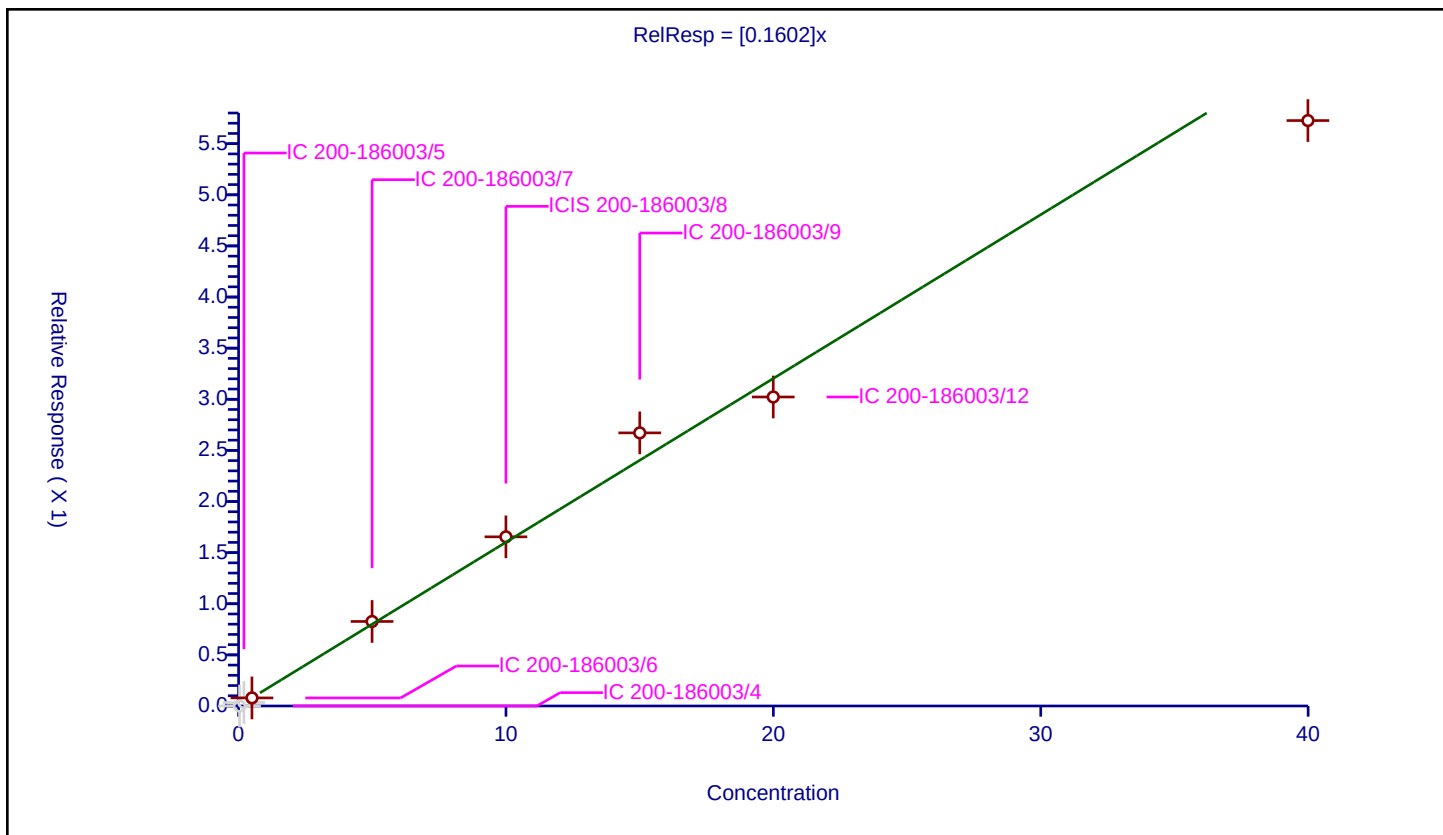
Curve Coefficients

Intercept: 0
 Slope: 0.1602

Error Coefficients

Standard Error: 347000
 Relative Standard Error: 7.7
 Correlation Coefficient: 0.988
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.0	10.0	893455.0	0.0	N
2	IC 200-186003/5	0.20044	0.03395	10.0	835649.0	0.169376	N
3	IC 200-186003/6	0.500453	0.078923	10.0	932297.0	0.157704	Y
4	IC 200-186003/7	4.992563	0.8267	10.0	809350.0	0.165586	Y
5	ICIS 200-186003/8	9.99806	1.654491	10.0	859116.0	0.165481	Y
6	IC 200-186003/9	15.003557	2.671274	10.0	780897.0	0.178043	Y
7	IC 200-186003/12	19.99612	3.02242	10.0	902932.0	0.15115	Y
8	IC 200-186003/13	39.99224	5.726176	10.0	1183226.0	0.143182	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

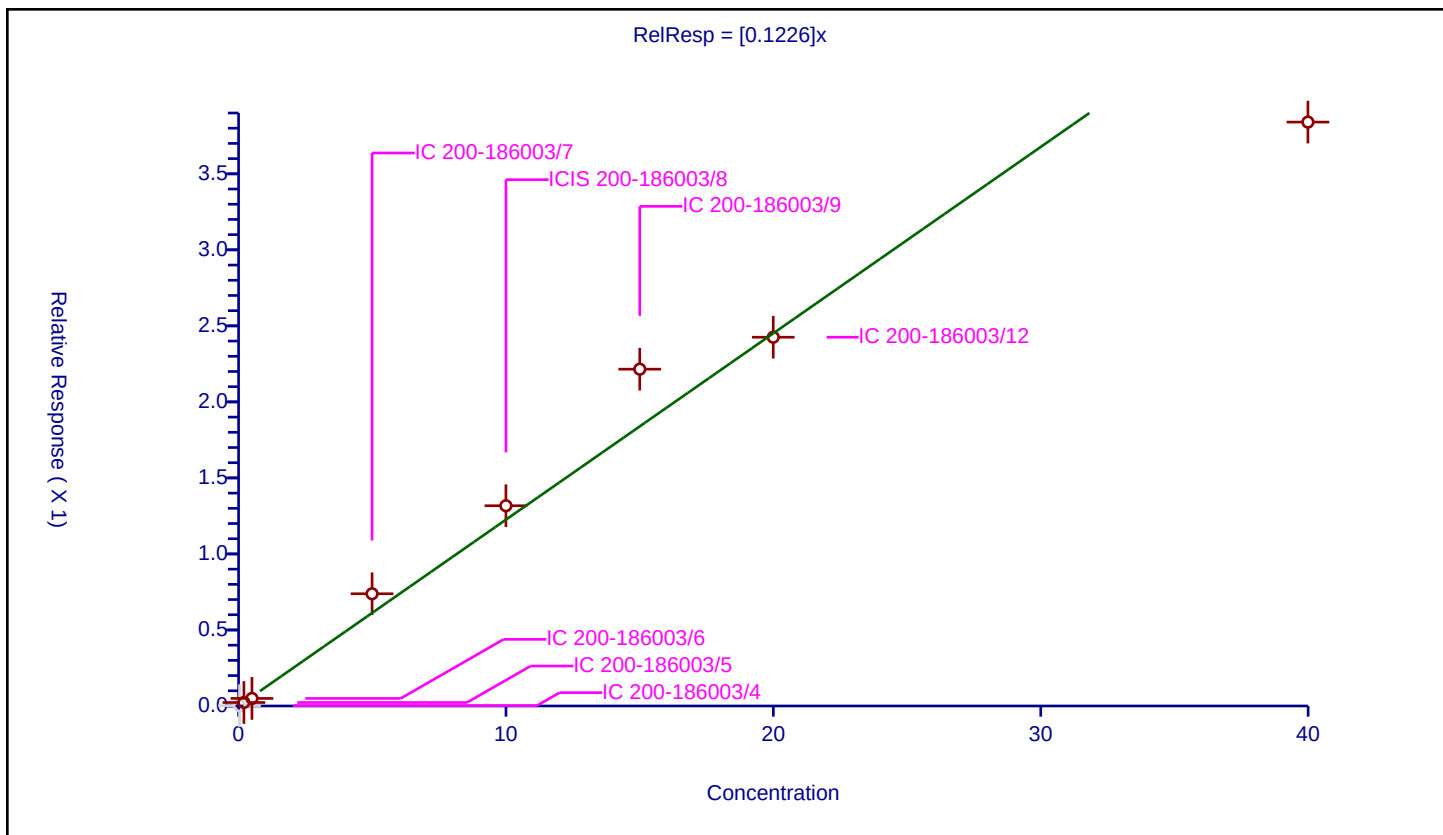
Curve Coefficients

Intercept: 0
 Slope: 0.1226

Error Coefficients

Standard Error: 224000
 Relative Standard Error: 17.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.002294	10.0	893455.0	0.065412	N
2	IC 200-186003/5	0.20044	0.022845	10.0	835649.0	0.113972	Y
3	IC 200-186003/6	0.500453	0.04977	10.0	932297.0	0.099449	Y
4	IC 200-186003/7	4.992563	0.738086	10.0	809350.0	0.147837	Y
5	ICIS 200-186003/8	9.99806	1.317005	10.0	859116.0	0.131726	Y
6	IC 200-186003/9	15.003557	2.215183	10.0	780897.0	0.147644	Y
7	IC 200-186003/12	19.99612	2.425421	10.0	902932.0	0.121295	Y
8	IC 200-186003/13	39.99224	3.840357	10.0	1183226.0	0.096028	Y



Calibration

/ Dibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

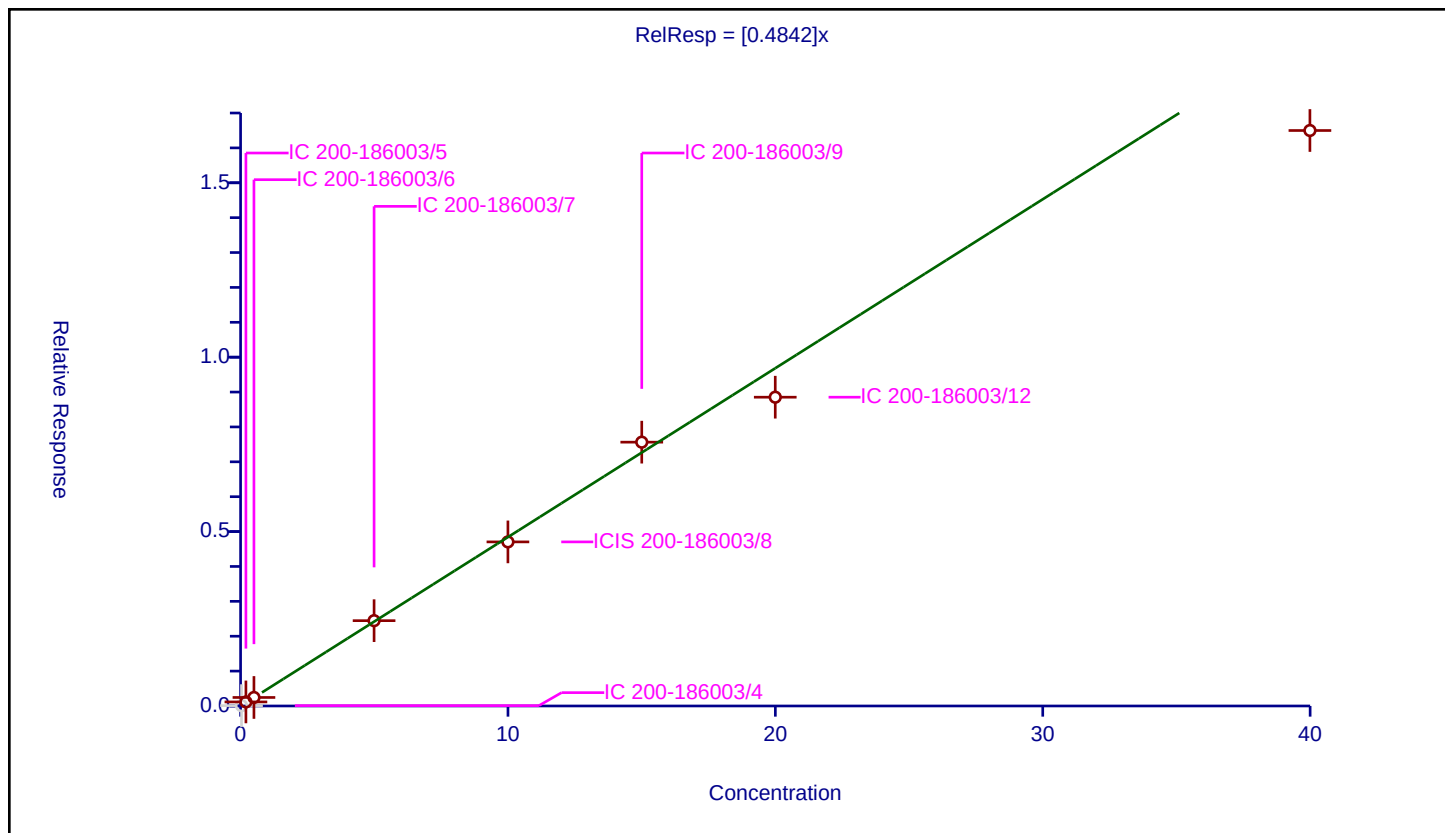
Curve Coefficients

Intercept: 0
 Slope: 0.4842

Error Coefficients

Standard Error: 913000
 Relative Standard Error: 10.9
 Correlation Coefficient: 0.989
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.010185	10.0	893455.0	0.290367	N
2	IC 200-186003/5	0.20044	0.116448	10.0	835649.0	0.580965	Y
3	IC 200-186003/6	0.500453	0.244632	10.0	932297.0	0.488822	Y
4	IC 200-186003/7	4.992563	2.446025	10.0	809350.0	0.489934	Y
5	ICIS 200-186003/8	9.99806	4.704045	10.0	859116.0	0.470496	Y
6	IC 200-186003/9	15.003557	7.563674	10.0	780897.0	0.504125	Y
7	IC 200-186003/12	19.99612	8.852826	10.0	902932.0	0.442727	Y
8	IC 200-186003/13	39.99224	16.498699	10.0	1183226.0	0.412548	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

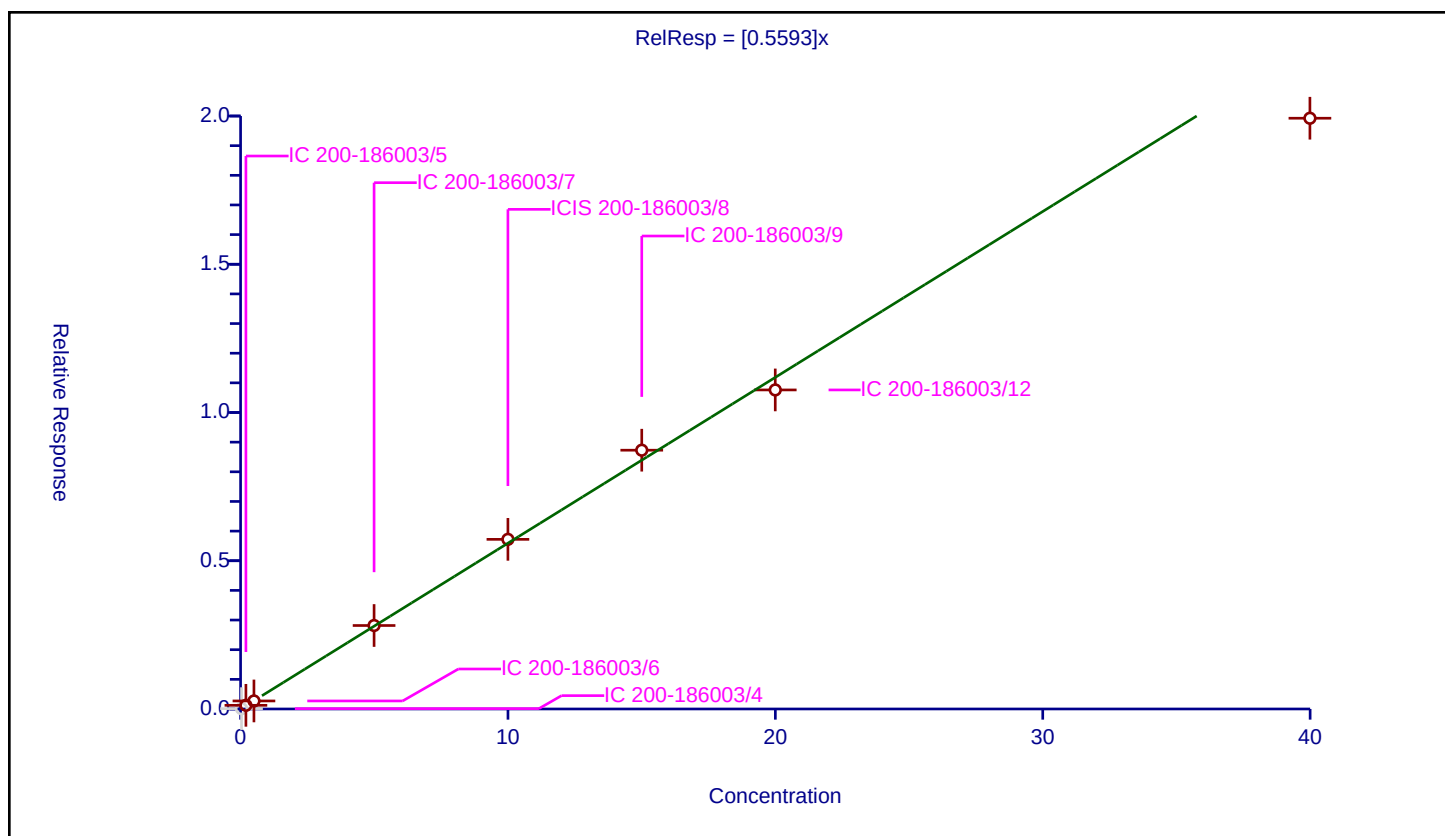
Curve Coefficients

Intercept: 0
Slope: 0.5593

Error Coefficients

Standard Error: 1100000
Relative Standard Error: 6.8
Correlation Coefficient: 0.988
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.012357	10.0	893455.0	0.352269	N
2	IC 200-186003/5	0.20044	0.123916	10.0	835649.0	0.618219	Y
3	IC 200-186003/6	0.500453	0.271544	10.0	932297.0	0.542598	Y
4	IC 200-186003/7	4.992563	2.815815	10.0	809350.0	0.564002	Y
5	ICIS 200-186003/8	9.99806	5.721451	10.0	859116.0	0.572256	Y
6	IC 200-186003/9	15.003557	8.728347	10.0	780897.0	0.581752	Y
7	IC 200-186003/12	19.99612	10.761087	10.0	902932.0	0.538159	Y
8	IC 200-186003/13	39.99224	19.92501	10.0	1183226.0	0.498222	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

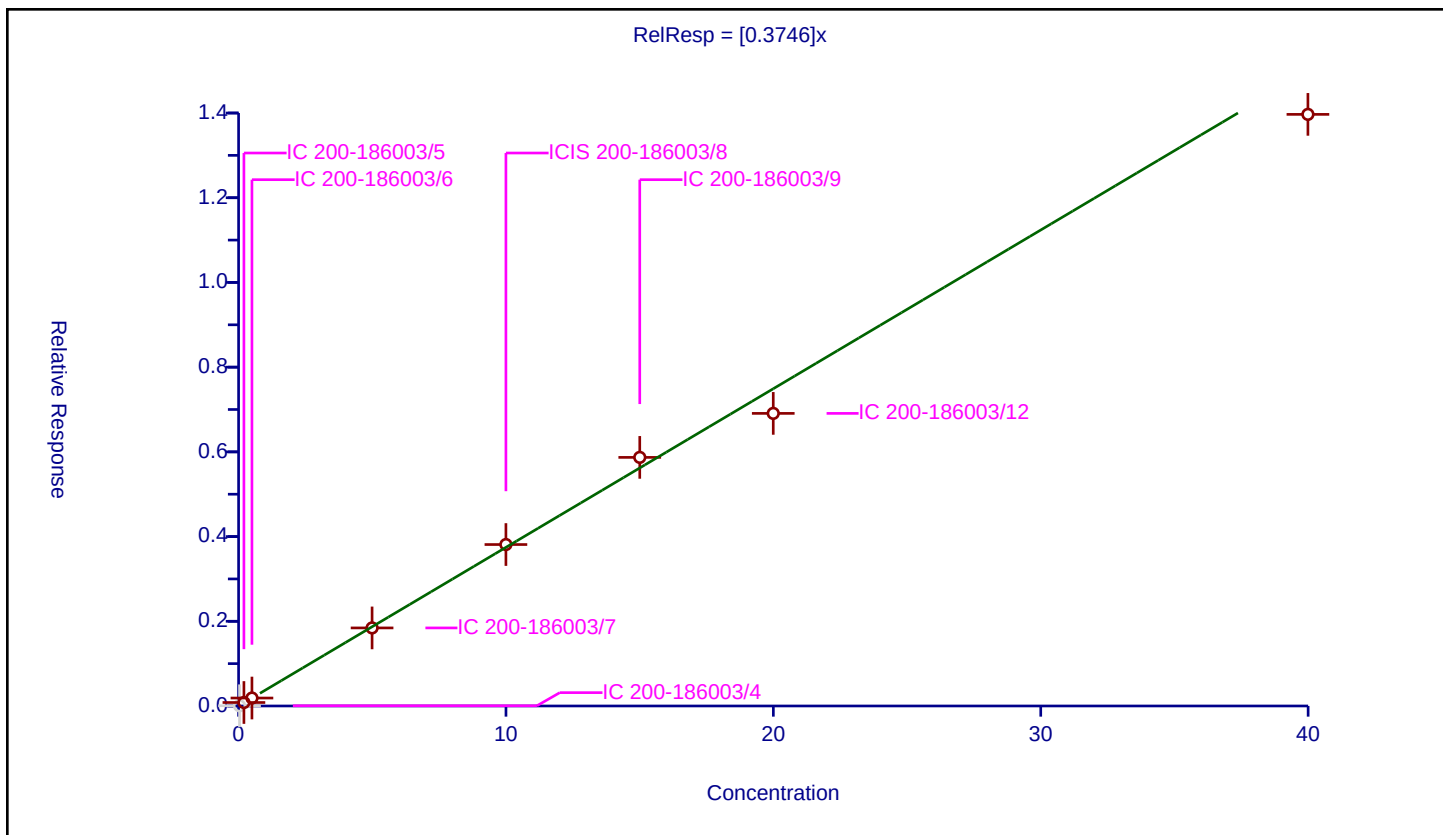
Curve Coefficients

Intercept: 0
 Slope: 0.3746

Error Coefficients

Standard Error: 759000
 Relative Standard Error: 6.1
 Correlation Coefficient: 0.980
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.00507	10.0	893455.0	0.144545	N
2	IC 200-186003/5	0.20044	0.082259	10.0	835649.0	0.410395	Y
3	IC 200-186003/6	0.500453	0.187794	10.0	932297.0	0.375249	Y
4	IC 200-186003/7	4.992563	1.843059	10.0	809350.0	0.369161	Y
5	ICIS 200-186003/8	9.99806	3.811965	10.0	859116.0	0.38127	Y
6	IC 200-186003/9	15.003557	5.869647	10.0	780897.0	0.391217	Y
7	IC 200-186003/12	19.99612	6.908416	10.0	902932.0	0.345488	Y
8	IC 200-186003/13	39.99224	13.968109	10.0	1183226.0	0.34927	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

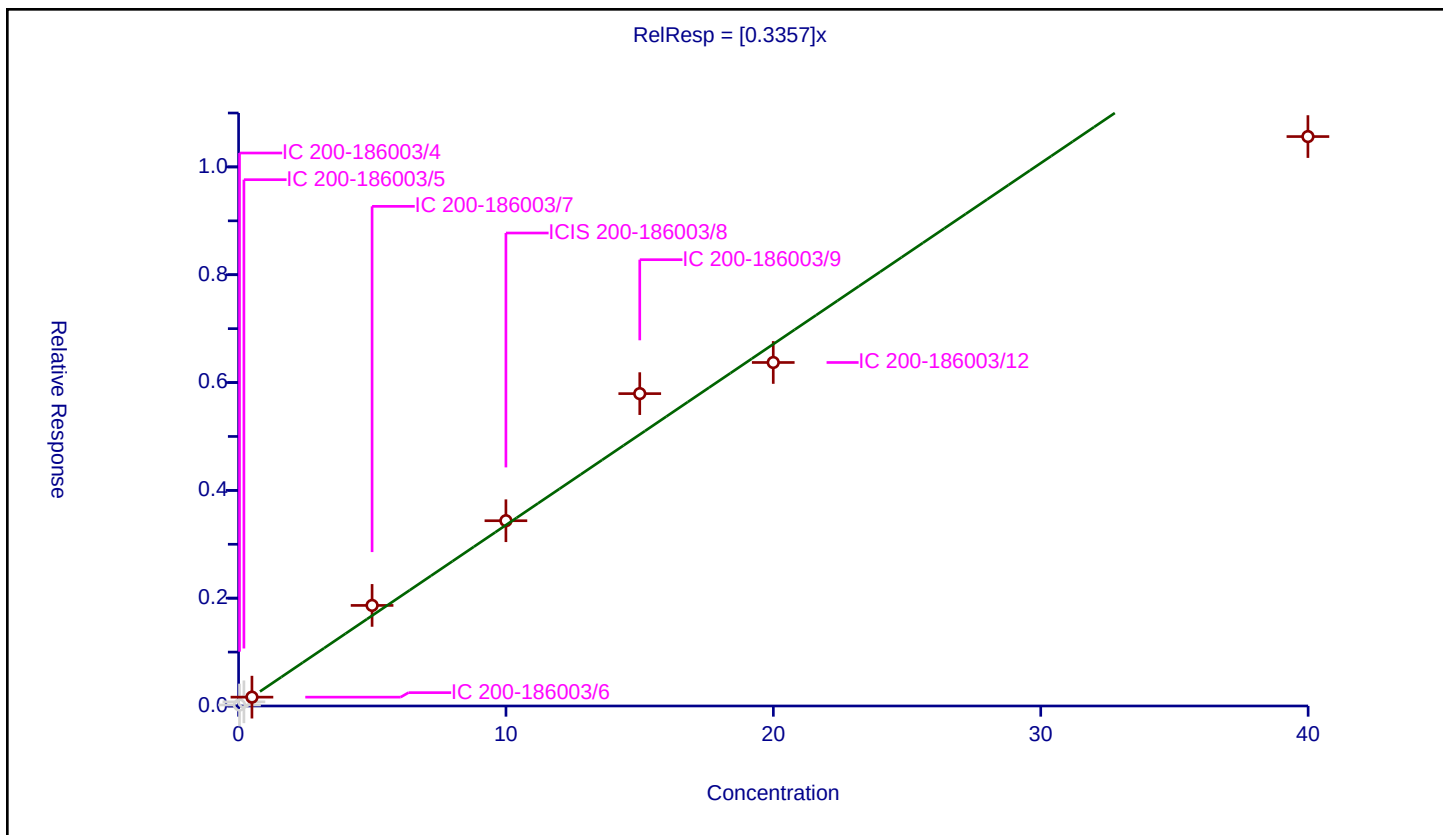
Curve Coefficients

Intercept: 0
 Slope: 0.3357

Error Coefficients

Standard Error: 665000
 Relative Standard Error: 13.0
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.018412	10.0	893455.0	0.524894	N
2	IC 200-186003/5	0.20044	0.077353	10.0	835649.0	0.385917	N
3	IC 200-186003/6	0.500453	0.163939	10.0	932297.0	0.327582	Y
4	IC 200-186003/7	4.992563	1.865522	10.0	809350.0	0.37366	Y
5	ICIS 200-186003/8	9.99806	3.436649	10.0	859116.0	0.343732	Y
6	IC 200-186003/9	15.003557	5.794618	10.0	780897.0	0.386216	Y
7	IC 200-186003/12	19.99612	6.372086	10.0	902932.0	0.318666	Y
8	IC 200-186003/13	39.99224	10.563299	10.0	1183226.0	0.264134	Y



Calibration

/ Toluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

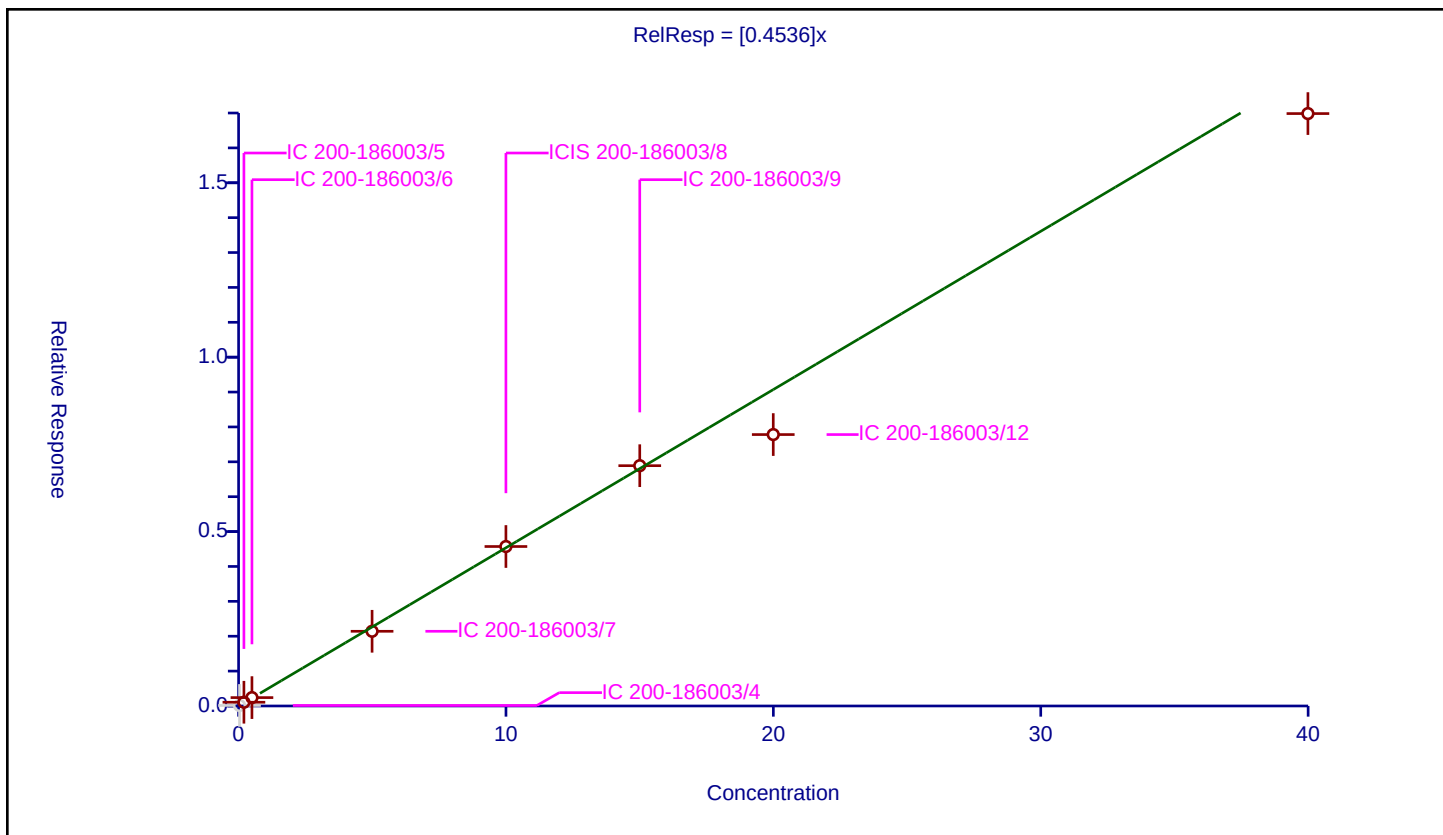
Curve Coefficients

Intercept: 0
 Slope: 0.4536

Error Coefficients

Standard Error: 878000
 Relative Standard Error: 10.3
 Correlation Coefficient: 0.981
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.014953	10.0	800504.0	0.426294	N
2	IC 200-186003/5	0.20044	0.107224	10.0	822016.0	0.534945	Y
3	IC 200-186003/6	0.500453	0.240778	10.0	873376.0	0.481121	Y
4	IC 200-186003/7	4.992563	2.141773	10.0	816207.0	0.428993	Y
5	ICIS 200-186003/8	9.99806	4.572467	10.0	843374.0	0.457335	Y
6	IC 200-186003/9	15.003557	6.889142	10.0	783861.0	0.459167	Y
7	IC 200-186003/12	19.99612	7.781814	10.0	926640.0	0.389166	Y
8	IC 200-186003/13	39.99224	16.983944	10.0	1123139.0	0.424681	Y



Calibration

/ n-Octane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

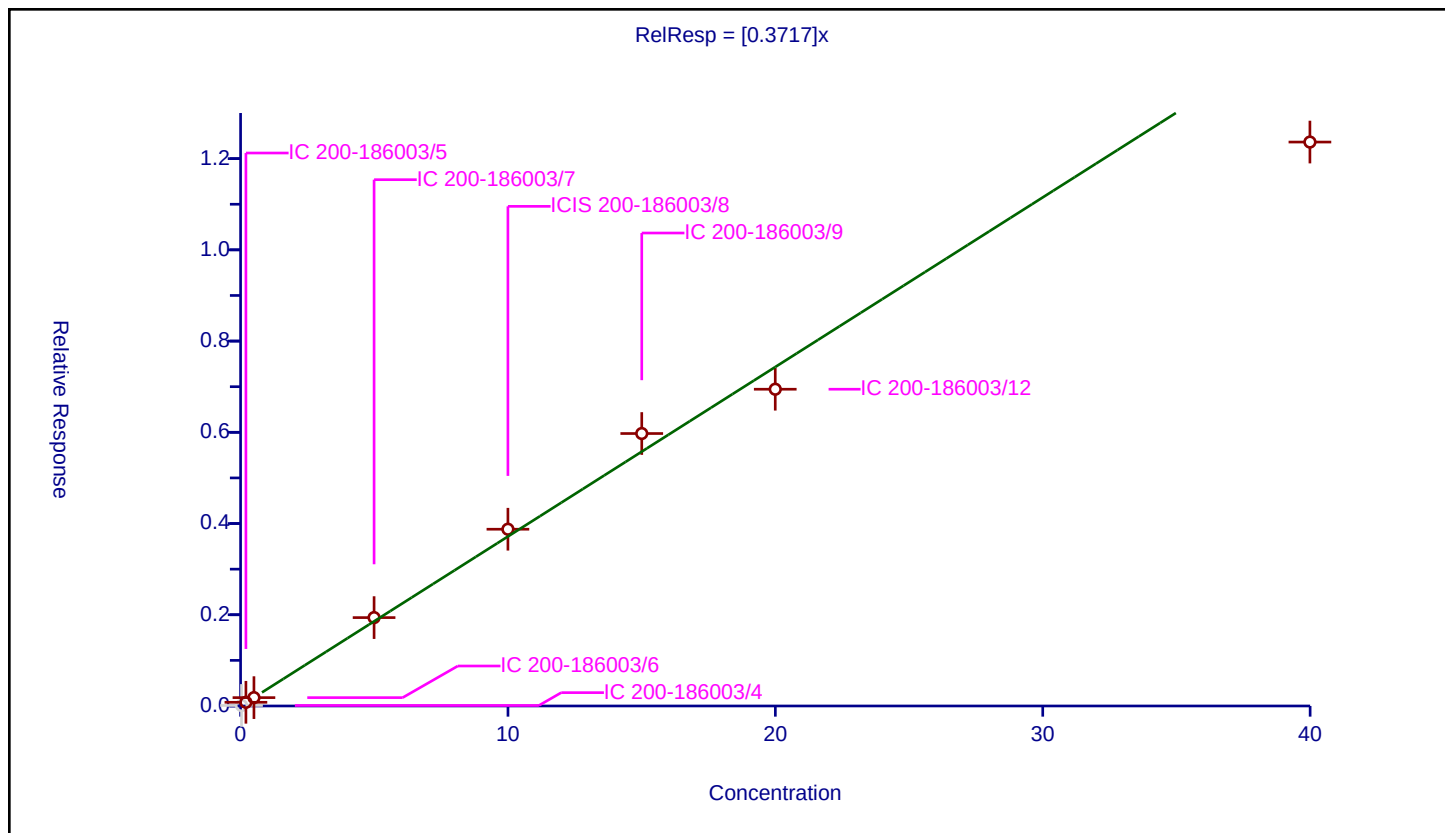
Curve Coefficients

Intercept: 0
Slope: 0.3717

Error Coefficients

Standard Error: 694000
Relative Standard Error: 9.1
Correlation Coefficient: 0.993
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.011517	10.0	893455.0	0.328338	N
2	IC 200-186003/5	0.20044	0.081182	10.0	835649.0	0.405022	Y
3	IC 200-186003/6	0.500453	0.1833	10.0	932297.0	0.366268	Y
4	IC 200-186003/7	4.992563	1.937876	10.0	809350.0	0.388153	Y
5	ICIS 200-186003/8	9.99806	3.875414	10.0	859116.0	0.387617	Y
6	IC 200-186003/9	15.003557	5.973182	10.0	780897.0	0.398118	Y
7	IC 200-186003/12	19.99612	6.944366	10.0	902932.0	0.347286	Y
8	IC 200-186003/13	39.99224	12.363395	10.0	1183226.0	0.309145	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

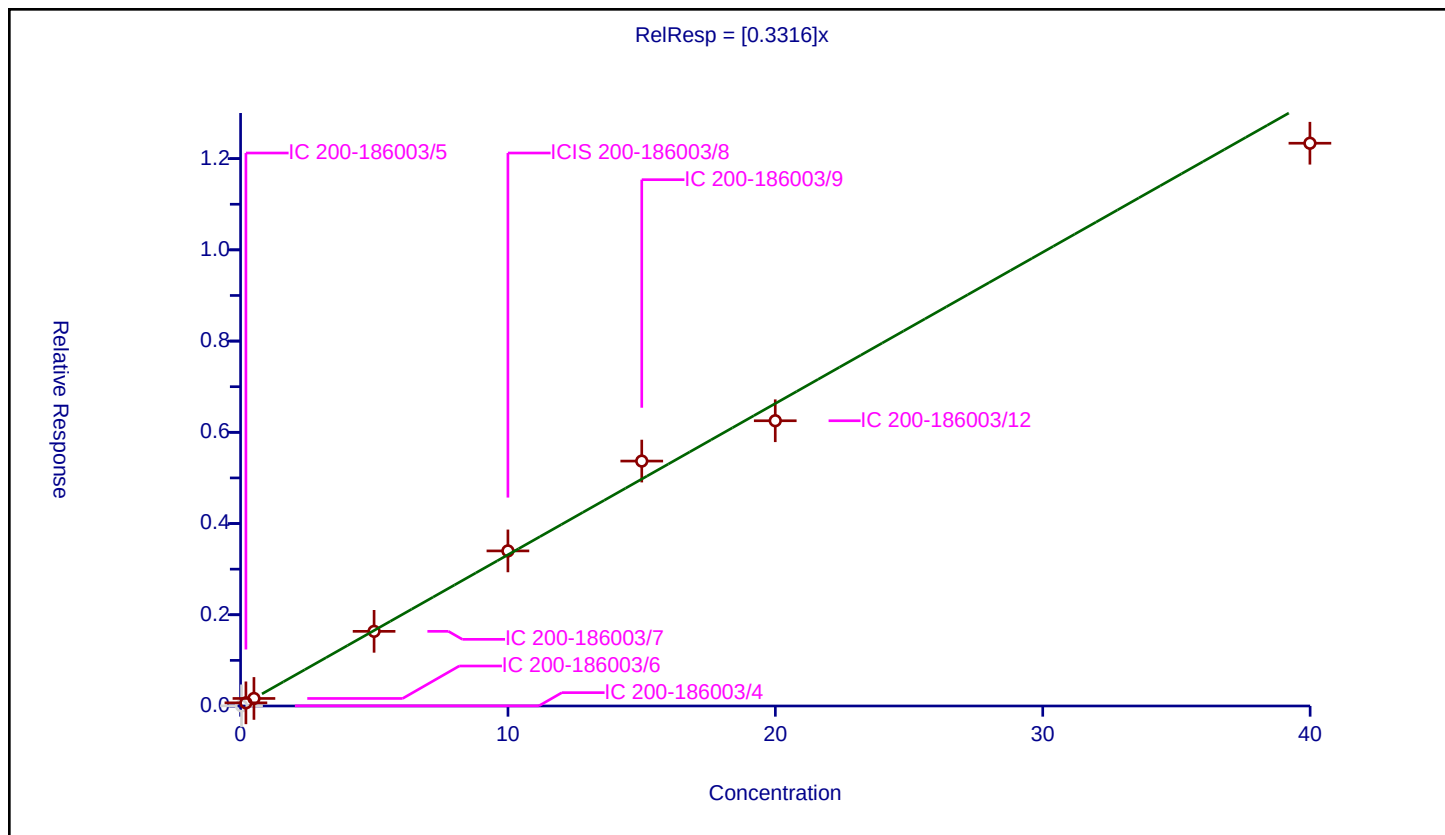
Curve Coefficients

Intercept: 0
 Slope: 0.3316

Error Coefficients

Standard Error: 674000
 Relative Standard Error: 5.3
 Correlation Coefficient: 0.983
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.003414	10.0	893455.0	0.097321	N
2	IC 200-186003/5	0.20044	0.069	10.0	835649.0	0.344245	Y
3	IC 200-186003/6	0.500453	0.165033	10.0	932297.0	0.329768	Y
4	IC 200-186003/7	4.992563	1.636931	10.0	809350.0	0.327874	Y
5	ICIS 200-186003/8	9.99806	3.399727	10.0	859116.0	0.340039	Y
6	IC 200-186003/9	15.003557	5.369441	10.0	780897.0	0.357878	Y
7	IC 200-186003/12	19.99612	6.253616	10.0	902932.0	0.312741	Y
8	IC 200-186003/13	39.99224	12.337787	10.0	1183226.0	0.308505	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

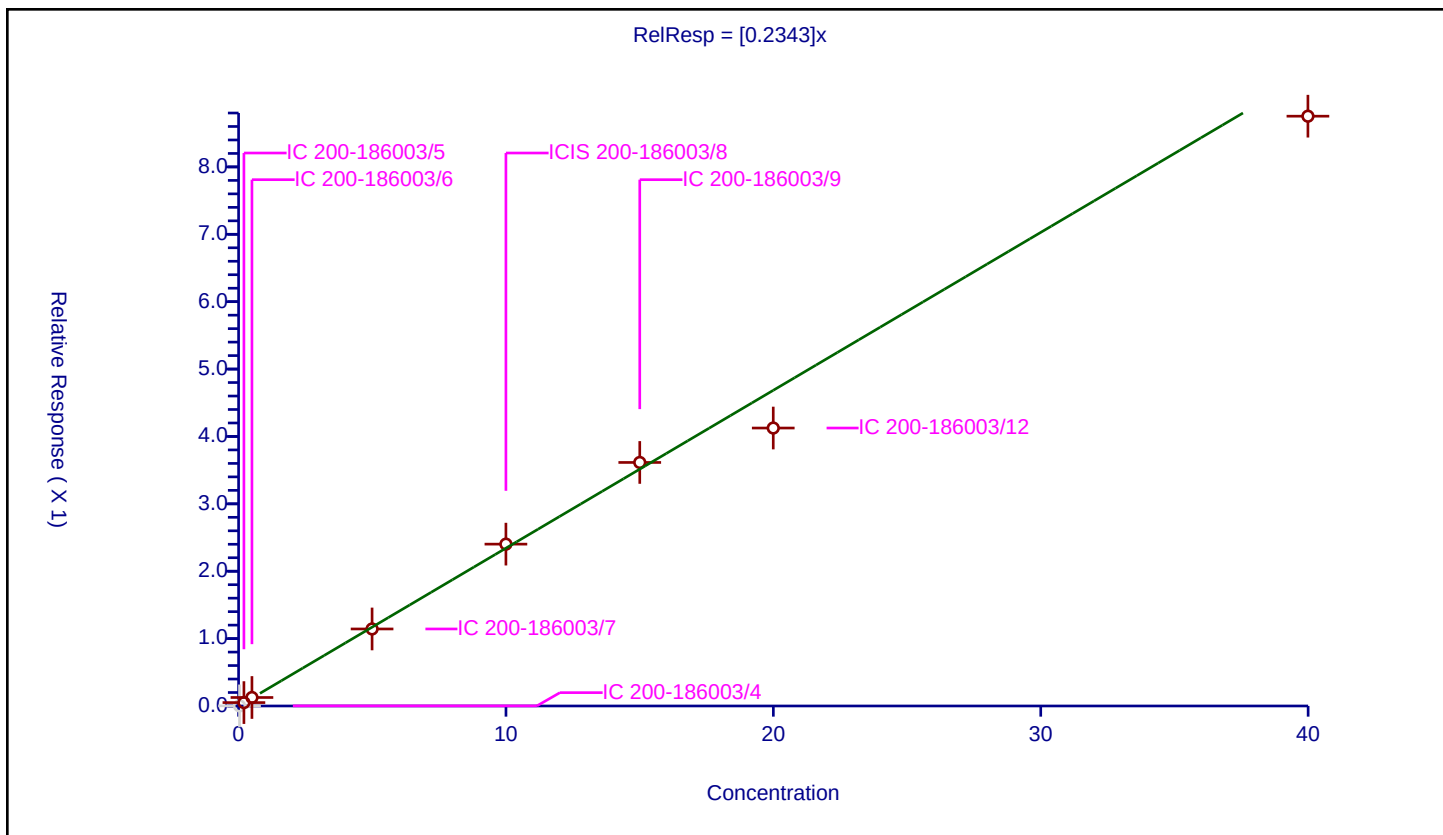
Curve Coefficients

Intercept: 0
 Slope: 0.2343

Error Coefficients

Standard Error: 455000
 Relative Standard Error: 7.4
 Correlation Coefficient: 0.984
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.001761	10.0	800504.0	0.050215	N
2	IC 200-186003/5	0.20044	0.050644	10.0	822016.0	0.252663	Y
3	IC 200-186003/6	0.500453	0.126131	10.0	873376.0	0.252034	Y
4	IC 200-186003/7	4.992563	1.143007	10.0	816207.0	0.228942	Y
5	ICIS 200-186003/8	9.99806	2.402042	10.0	843374.0	0.240251	Y
6	IC 200-186003/9	15.003557	3.613995	10.0	783861.0	0.240876	Y
7	IC 200-186003/12	19.99612	4.125043	10.0	926640.0	0.206292	Y
8	IC 200-186003/13	39.99224	8.752995	10.0	1123139.0	0.218867	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

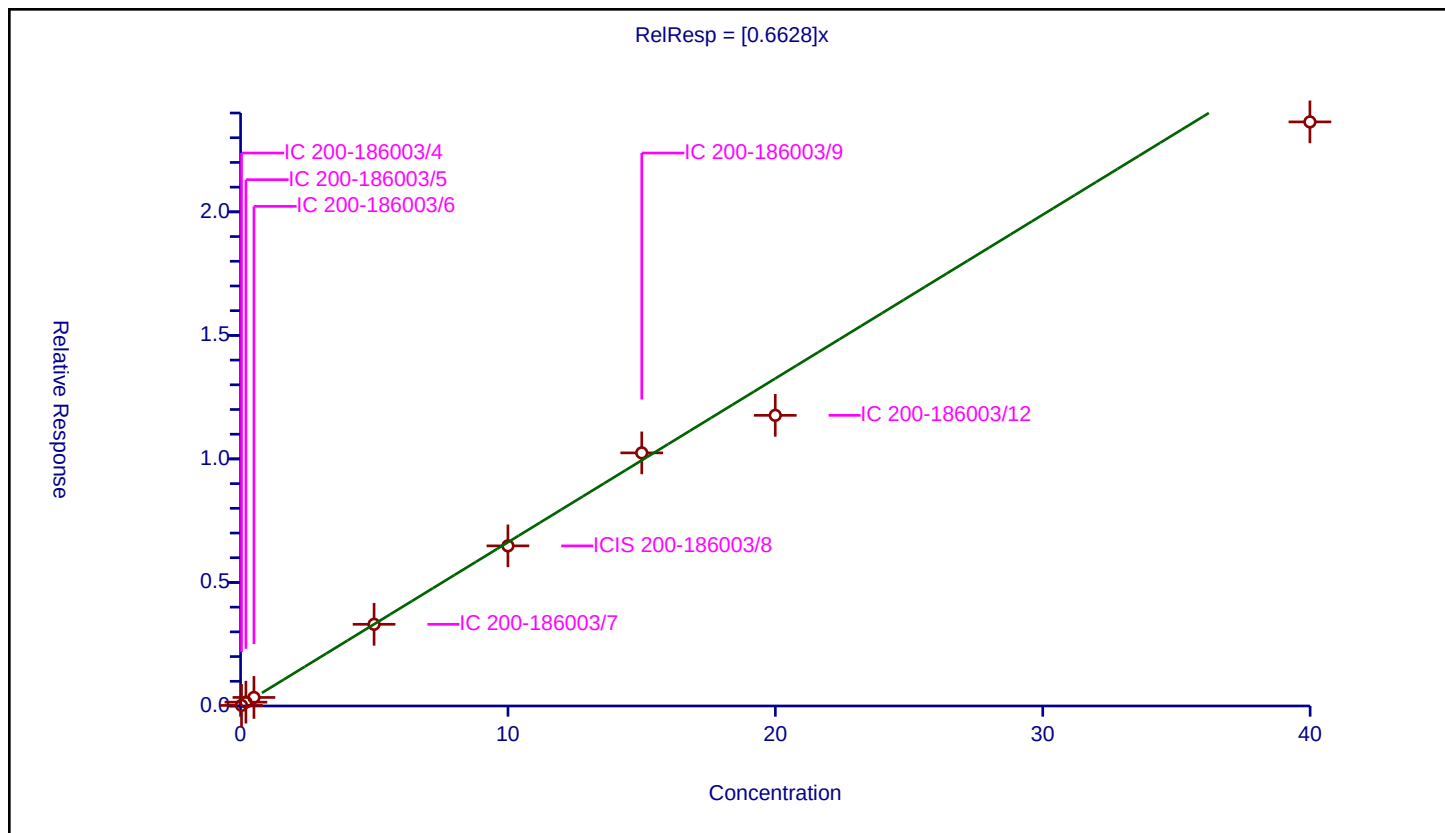
Curve Coefficients

Intercept: 0
 Slope: 0.6628

Error Coefficients

Standard Error: 1150000
 Relative Standard Error: 8.9
 Correlation Coefficient: 0.989
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.023285	10.0	800504.0	0.663836	Y
2	IC 200-186003/5	0.20044	0.15507	10.0	822016.0	0.773649	Y
3	IC 200-186003/6	0.500453	0.346346	10.0	873376.0	0.692065	Y
4	IC 200-186003/7	4.992563	3.306551	10.0	816207.0	0.662295	Y
5	ICIS 200-186003/8	9.99806	6.480304	10.0	843374.0	0.648156	Y
6	IC 200-186003/9	15.003557	10.244304	10.0	783861.0	0.682792	Y
7	IC 200-186003/12	19.99612	11.763533	10.0	926640.0	0.588291	Y
8	IC 200-186003/13	39.99224	23.640511	10.0	1123139.0	0.591127	Y



Calibration

/ 2-Hexanone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

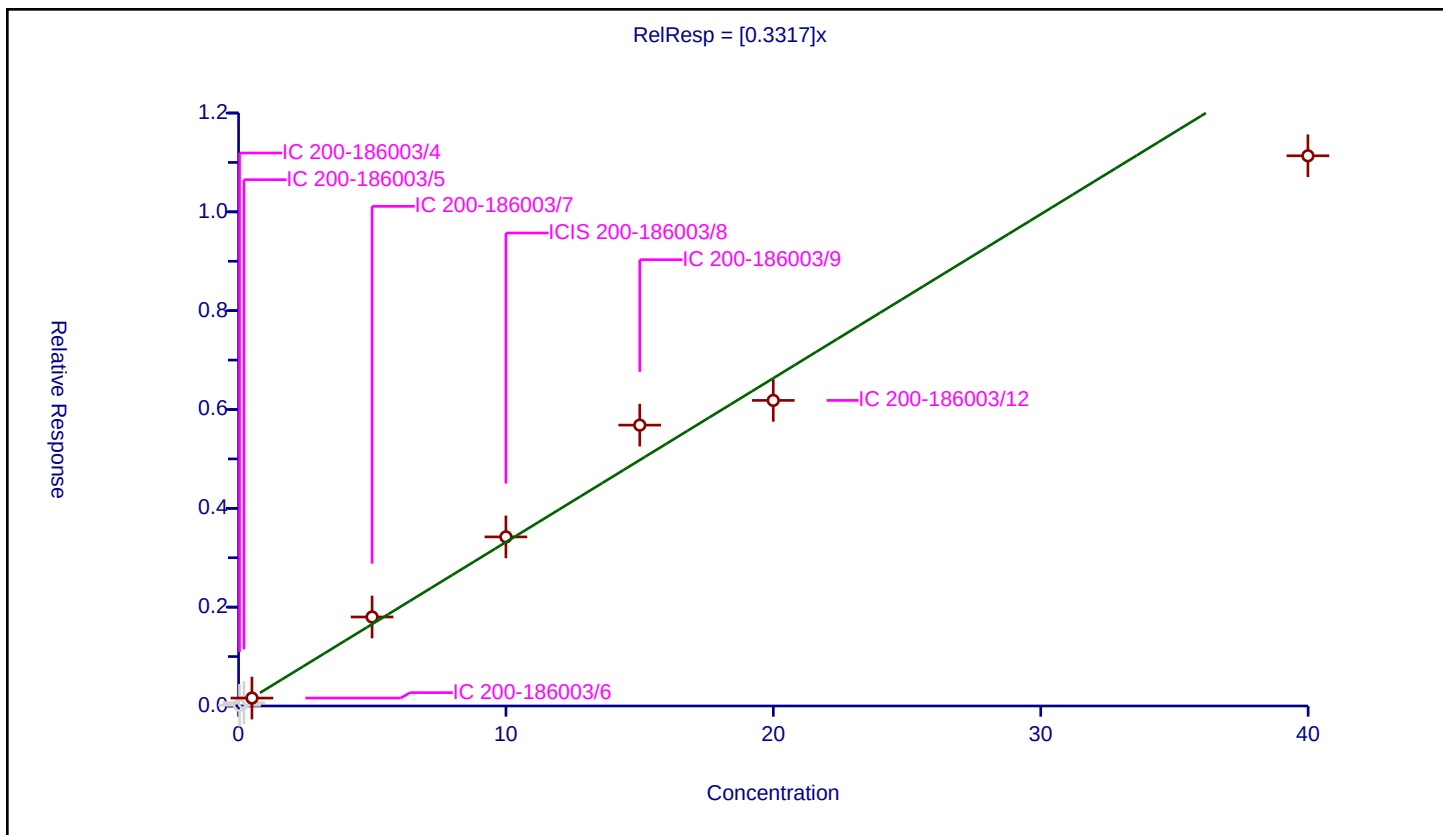
Curve Coefficients

Intercept: 0
 Slope: 0.3317

Error Coefficients

Standard Error: 663000
 Relative Standard Error: 11.0
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.014516	10.0	800504.0	0.413829	N
2	IC 200-186003/5	0.20044	0.067201	10.0	822016.0	0.335266	N
3	IC 200-186003/6	0.500453	0.160515	10.0	873376.0	0.32074	Y
4	IC 200-186003/7	4.992563	1.80121	10.0	816207.0	0.360779	Y
5	ICIS 200-186003/8	9.99806	3.421626	10.0	843374.0	0.342229	Y
6	IC 200-186003/9	15.003557	5.683814	10.0	783861.0	0.378831	Y
7	IC 200-186003/12	19.99612	6.183987	10.0	926640.0	0.309259	Y
8	IC 200-186003/13	39.99224	11.134134	10.0	1123139.0	0.278407	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

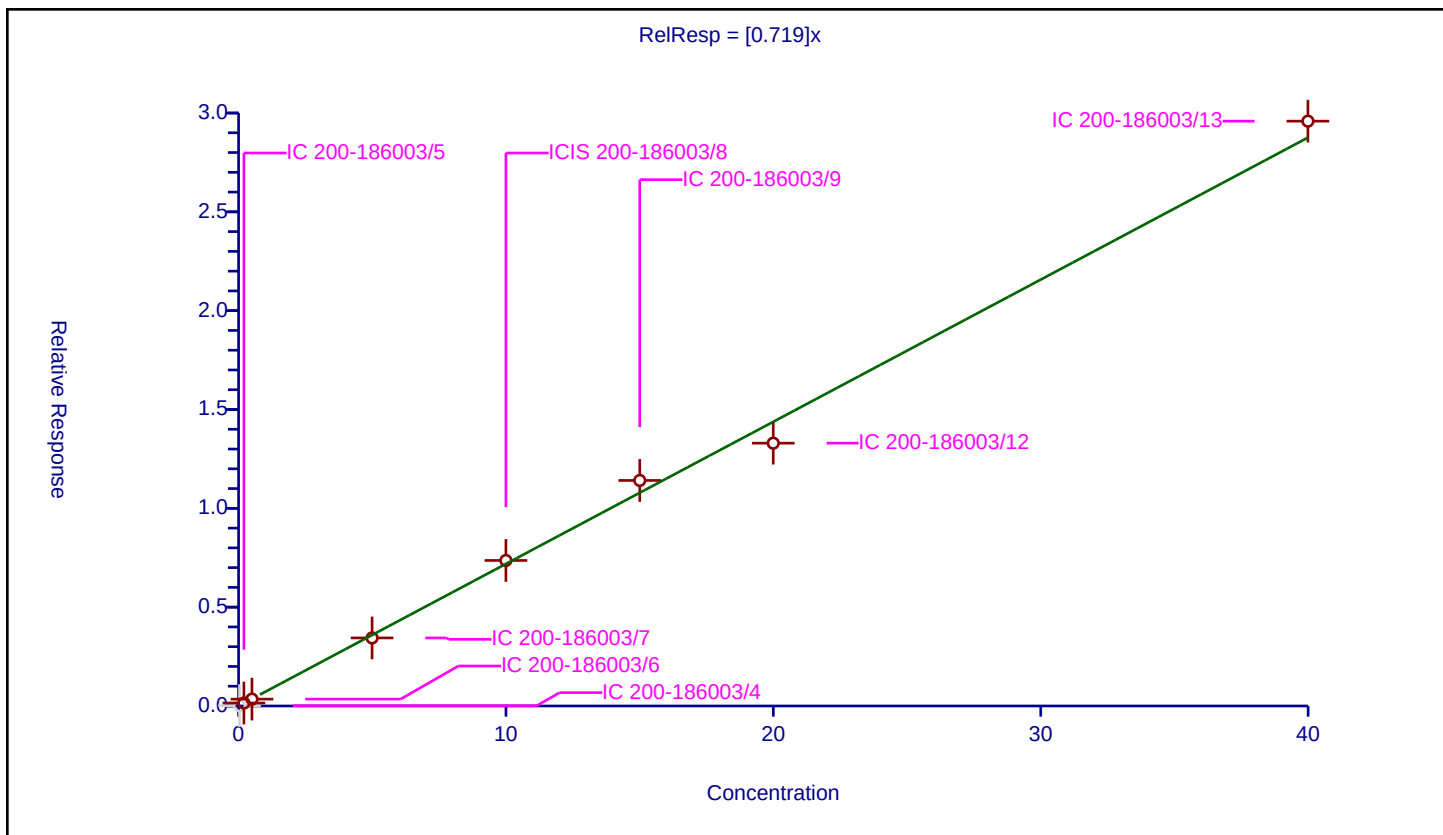
Curve Coefficients

Intercept: 0
 Slope: 0.719

Error Coefficients

Standard Error: 1520000
 Relative Standard Error: 5.0
 Correlation Coefficient: 0.977
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.016477	10.0	800504.0	0.469742	N
2	IC 200-186003/5	0.20044	0.149766	10.0	822016.0	0.747187	Y
3	IC 200-186003/6	0.500453	0.347559	10.0	873376.0	0.69449	Y
4	IC 200-186003/7	4.992563	3.444212	10.0	816207.0	0.689869	Y
5	ICIS 200-186003/8	9.99806	7.362724	10.0	843374.0	0.736415	Y
6	IC 200-186003/9	15.003557	11.410569	10.0	783861.0	0.760524	Y
7	IC 200-186003/12	19.99612	13.29635	10.0	926640.0	0.664947	Y
8	IC 200-186003/13	39.99224	29.588448	10.0	1123139.0	0.739855	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

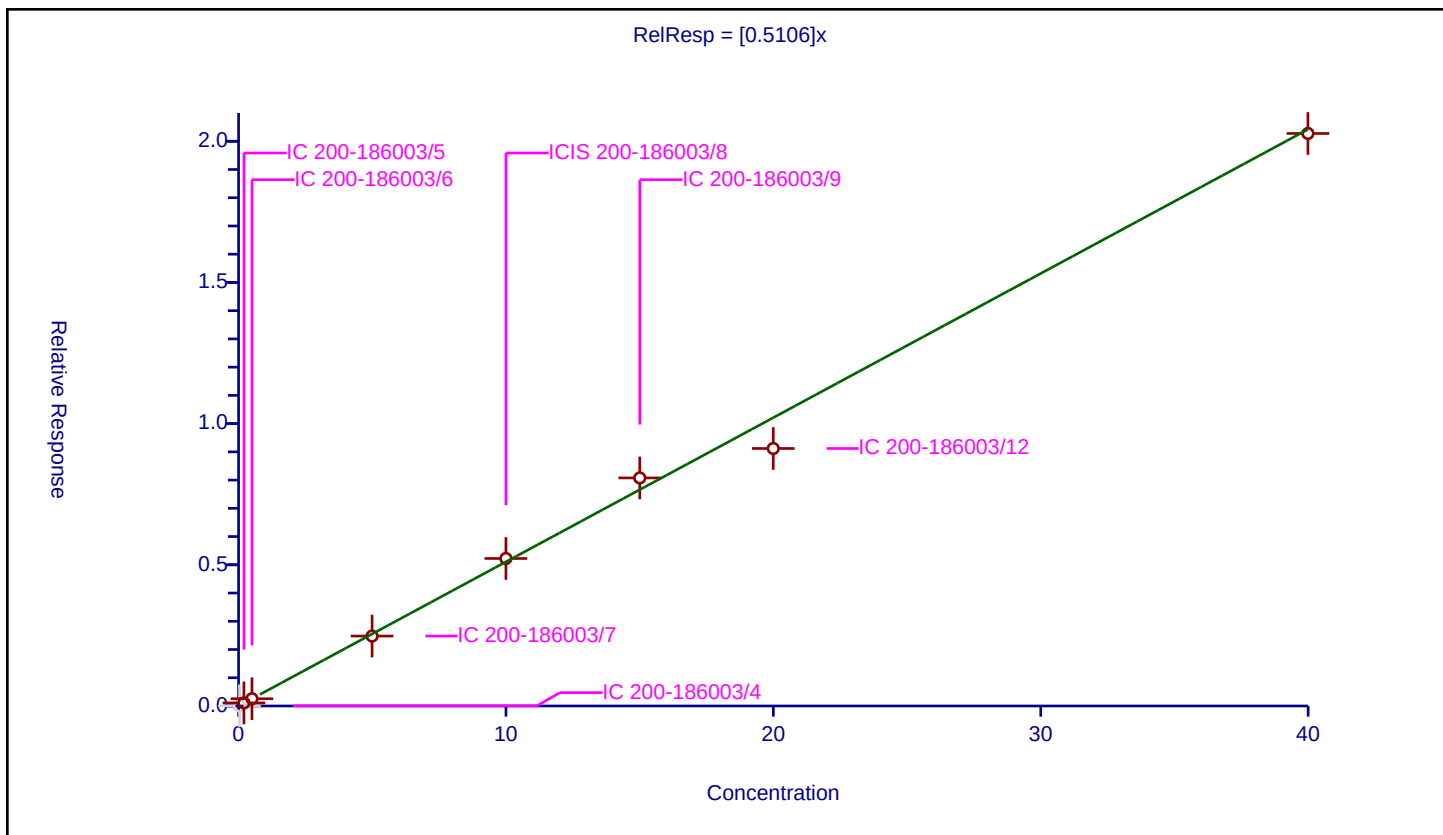
Curve Coefficients

Intercept: 0
 Slope: 0.5106

Error Coefficients

Standard Error: 1040000
 Relative Standard Error: 5.7
 Correlation Coefficient: 0.979
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.006583	10.0	800504.0	0.187683	N
2	IC 200-186003/5	0.20044	0.108429	10.0	822016.0	0.540954	Y
3	IC 200-186003/6	0.500453	0.256842	10.0	873376.0	0.51322	Y
4	IC 200-186003/7	4.992563	2.476369	10.0	816207.0	0.496012	Y
5	ICIS 200-186003/8	9.99806	5.223981	10.0	843374.0	0.5225	Y
6	IC 200-186003/9	15.003557	8.076866	10.0	783861.0	0.53833	Y
7	IC 200-186003/12	19.99612	9.119054	10.0	926640.0	0.456041	Y
8	IC 200-186003/13	39.99224	20.275585	10.0	1123139.0	0.506988	Y



Calibration

/ Chlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

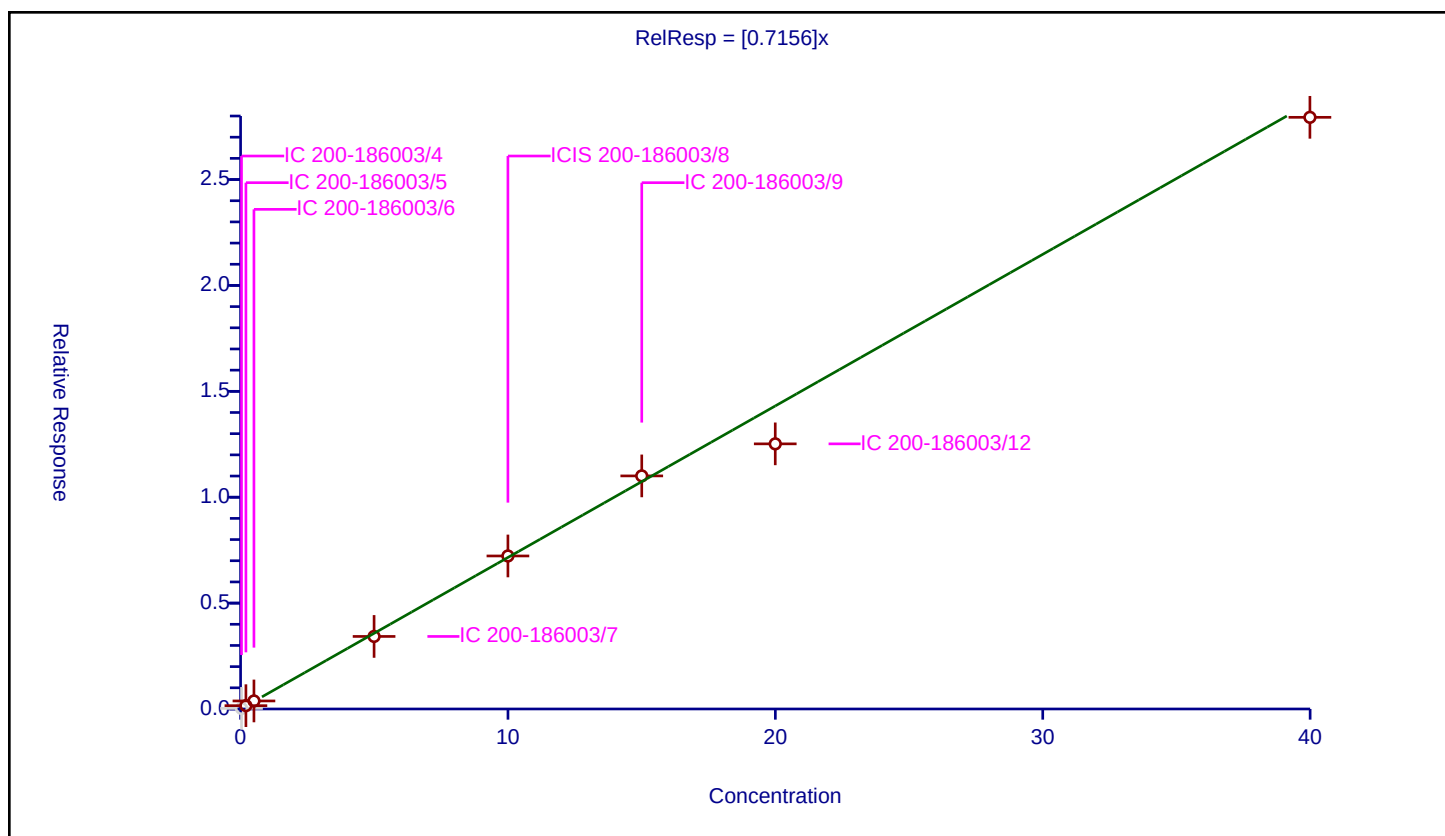
Curve Coefficients

Intercept: 0
 Slope: 0.7156

Error Coefficients

Standard Error: 1440000
 Relative Standard Error: 7.2
 Correlation Coefficient: 0.978
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.02787	10.0	800504.0	0.794537	N
2	IC 200-186003/5	0.20044	0.157162	10.0	822016.0	0.784088	Y
3	IC 200-186003/6	0.500453	0.379424	10.0	873376.0	0.758162	Y
4	IC 200-186003/7	4.992563	3.425467	10.0	816207.0	0.686114	Y
5	ICIS 200-186003/8	9.99806	7.2253	10.0	843374.0	0.72267	Y
6	IC 200-186003/9	15.003557	11.005752	10.0	783861.0	0.733543	Y
7	IC 200-186003/12	19.99612	12.519371	10.0	926640.0	0.62609	Y
8	IC 200-186003/13	39.99224	27.938056	10.0	1123139.0	0.698587	Y



Calibration

/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

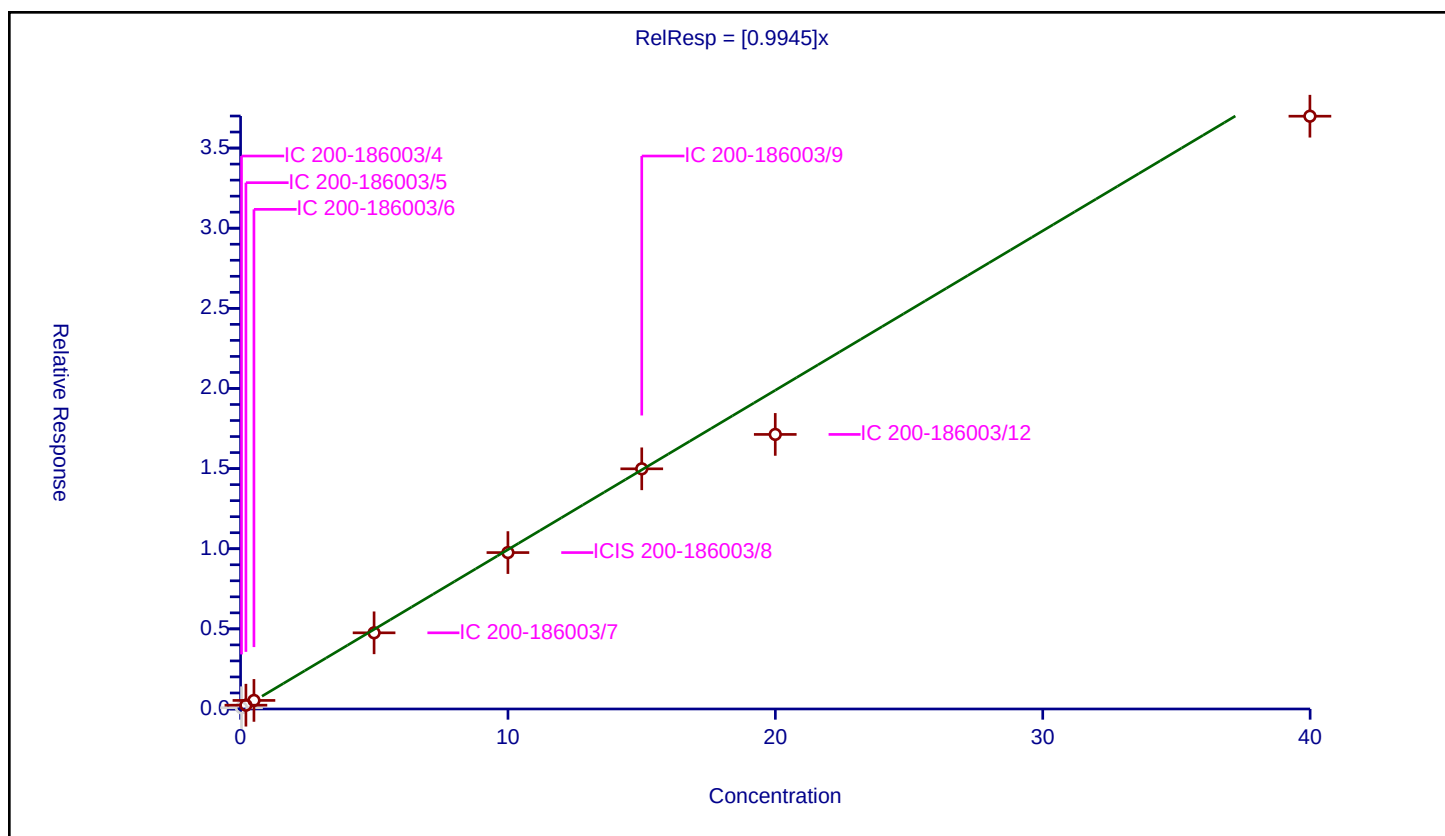
Curve Coefficients

Intercept: 0
Slope: 0.9945

Error Coefficients

Standard Error: 1910000
Relative Standard Error: 10.7
Correlation Coefficient: 0.981
Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.077376	10.0	800504.0	2.205901	N
2	IC 200-186003/5	0.20044	0.237453	10.0	822016.0	1.18466	Y
3	IC 200-186003/6	0.500453	0.534707	10.0	873376.0	1.068446	Y
4	IC 200-186003/7	4.992563	4.75252	10.0	816207.0	0.95192	Y
5	ICIS 200-186003/8	9.99806	9.759217	10.0	843374.0	0.976111	Y
6	IC 200-186003/9	15.003557	14.986037	10.0	783861.0	0.998832	Y
7	IC 200-186003/12	19.99612	17.132576	10.0	926640.0	0.856795	Y
8	IC 200-186003/13	39.99224	36.988467	10.0	1123139.0	0.924891	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

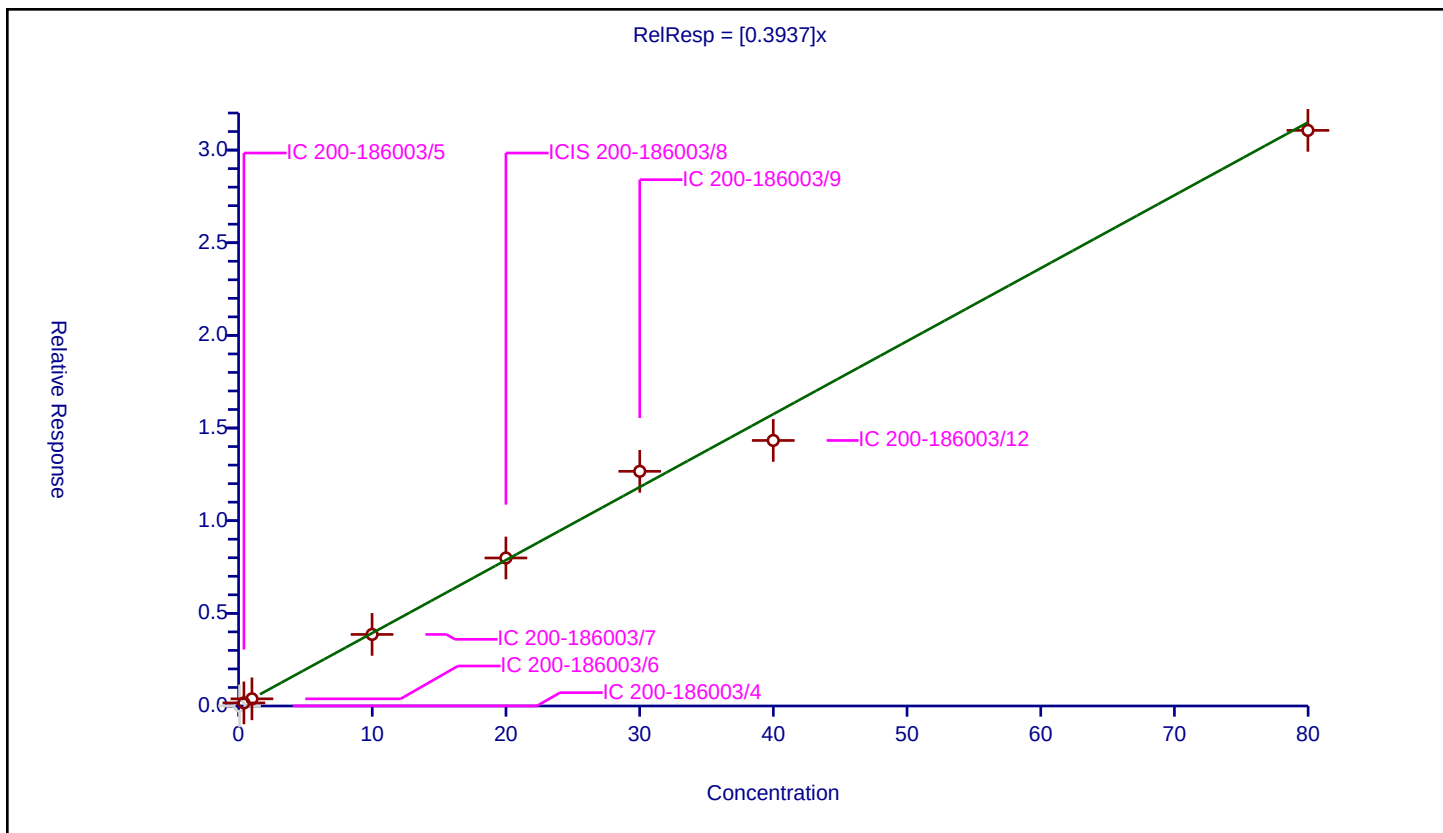
Curve Coefficients

Intercept: 0
 Slope: 0.3937

Error Coefficients

Standard Error: 1610000
 Relative Standard Error: 5.4
 Correlation Coefficient: 0.982
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.070154	0.004872	10.0	800504.0	0.069446	N
2	IC 200-186003/5	0.400879	0.166639	10.0	822016.0	0.415684	Y
3	IC 200-186003/6	1.000905	0.385962	10.0	873376.0	0.385613	Y
4	IC 200-186003/7	9.985126	3.861435	10.0	816207.0	0.386719	Y
5	ICIS 200-186003/8	19.99612	7.988057	10.0	843374.0	0.39948	Y
6	IC 200-186003/9	30.007114	12.664197	10.0	783861.0	0.42204	Y
7	IC 200-186003/12	39.99224	14.329783	10.0	926640.0	0.358314	Y
8	IC 200-186003/13	79.984479	31.063234	10.0	1123139.0	0.388366	Y



Calibration

/ n-Nonane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

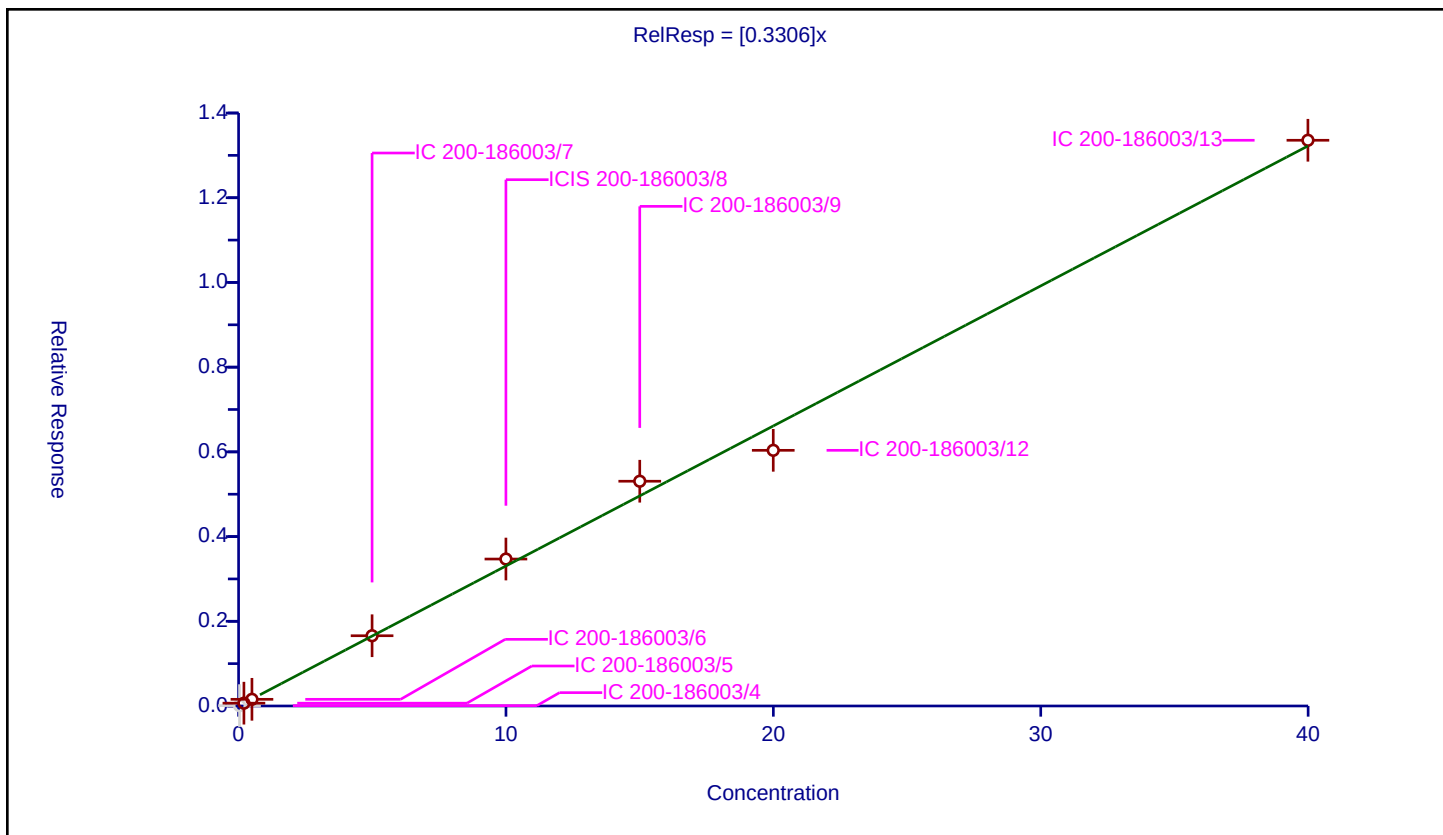
Curve Coefficients

Intercept: 0
 Slope: 0.3306

Error Coefficients

Standard Error: 688000
 Relative Standard Error: 5.3
 Correlation Coefficient: 0.979
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.008582	10.0	800504.0	0.244665	N
2	IC 200-186003/5	0.20044	0.066118	10.0	822016.0	0.329865	Y
3	IC 200-186003/6	0.500453	0.157996	10.0	873376.0	0.315706	Y
4	IC 200-186003/7	4.992563	1.658427	10.0	816207.0	0.33218	Y
5	ICIS 200-186003/8	9.99806	3.469576	10.0	843374.0	0.347025	Y
6	IC 200-186003/9	15.003557	5.306732	10.0	783861.0	0.353698	Y
7	IC 200-186003/12	19.99612	6.03599	10.0	926640.0	0.301858	Y
8	IC 200-186003/13	39.99224	13.356735	10.0	1123139.0	0.333983	Y



Calibration

/ o-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

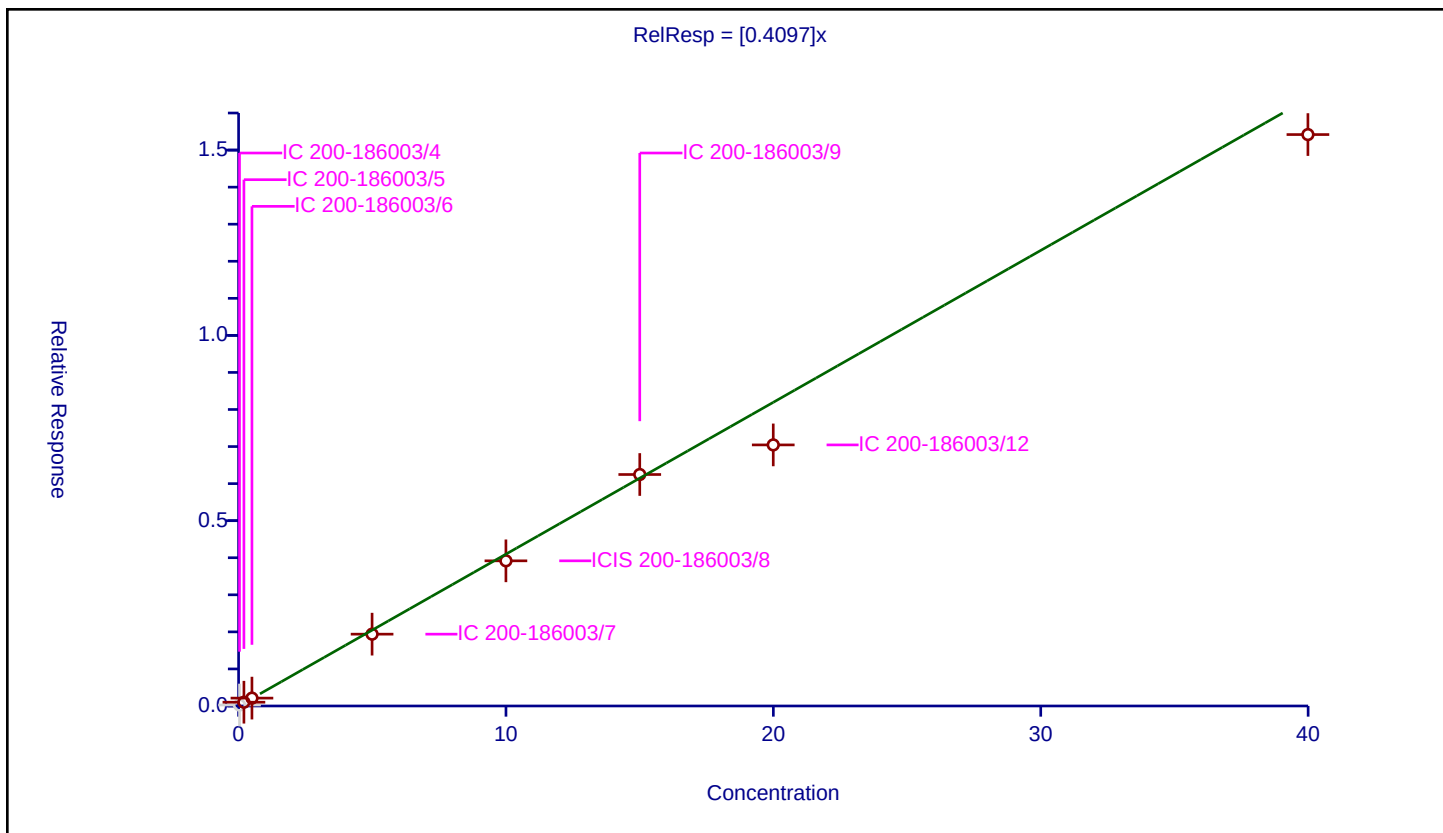
Curve Coefficients

Intercept: 0
 Slope: 0.4097

Error Coefficients

Standard Error: 796000
 Relative Standard Error: 12.2
 Correlation Coefficient: 0.980
 Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.026034	10.0	800504.0	0.742186	N
2	IC 200-186003/5	0.20044	0.102115	10.0	822016.0	0.509454	Y
3	IC 200-186003/6	0.500453	0.212543	10.0	873376.0	0.424702	Y
4	IC 200-186003/7	4.992563	1.937768	10.0	816207.0	0.388131	Y
5	ICIS 200-186003/8	9.99806	3.916969	10.0	843374.0	0.391773	Y
6	IC 200-186003/9	15.003557	6.246133	10.0	783861.0	0.41631	Y
7	IC 200-186003/12	19.99612	7.044699	10.0	926640.0	0.352303	Y
8	IC 200-186003/13	39.99224	15.418448	10.0	1123139.0	0.385536	Y



Calibration

/ Styrene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

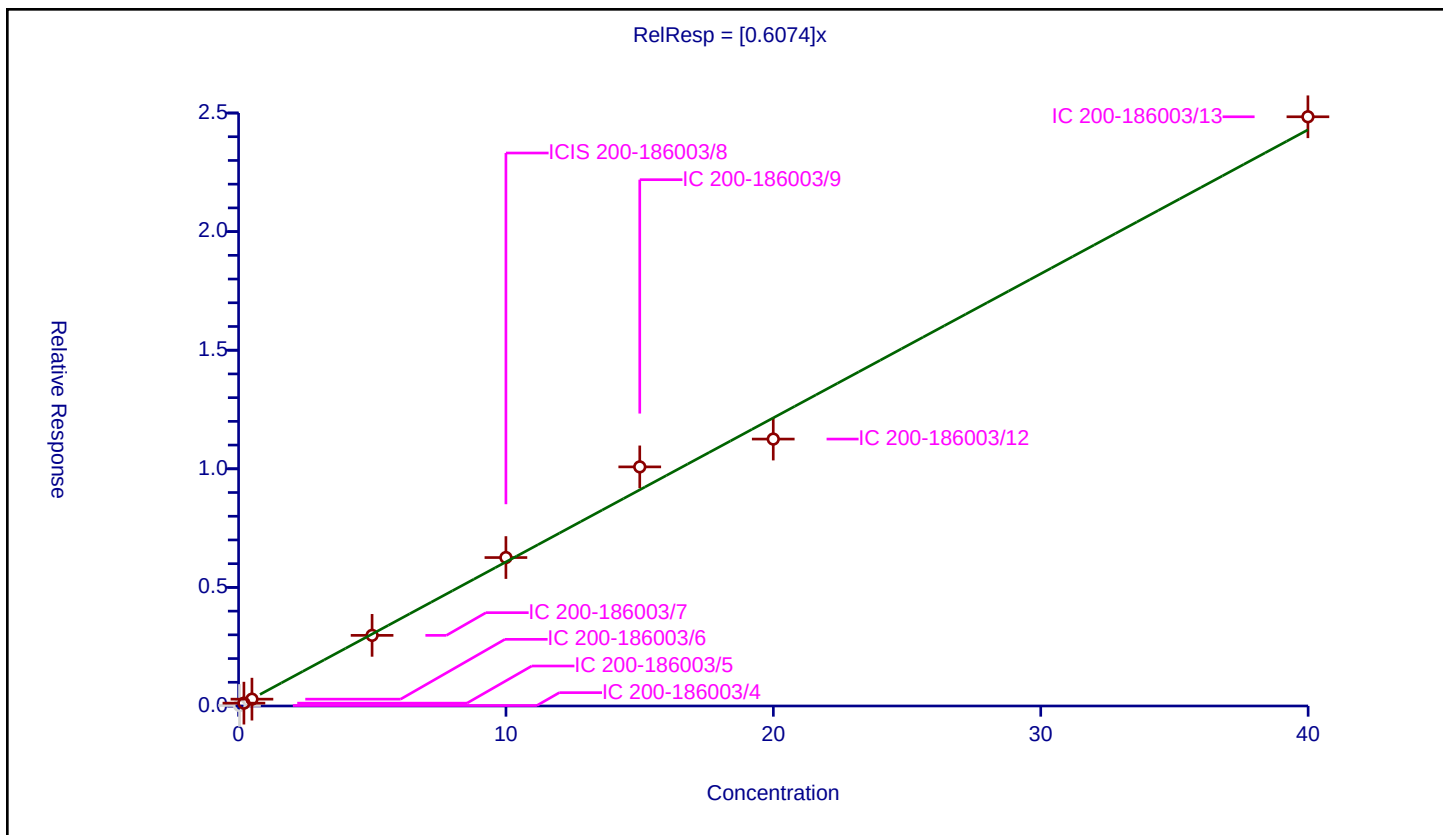
Curve Coefficients

Intercept: 0
 Slope: 0.6074

Error Coefficients

Standard Error: 1280000
 Relative Standard Error: 6.0
 Correlation Coefficient: 0.980
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.020712	10.0	800504.0	0.590472	N
2	IC 200-186003/5	0.20044	0.119827	10.0	822016.0	0.597823	Y
3	IC 200-186003/6	0.500453	0.288135	10.0	873376.0	0.575748	Y
4	IC 200-186003/7	4.992563	2.978044	10.0	816207.0	0.596496	Y
5	ICIS 200-186003/8	9.99806	6.258493	10.0	843374.0	0.625971	Y
6	IC 200-186003/9	15.003557	10.080576	10.0	783861.0	0.671879	Y
7	IC 200-186003/12	19.99612	11.253507	10.0	926640.0	0.562785	Y
8	IC 200-186003/13	39.99224	24.841823	10.0	1123139.0	0.621166	Y



Calibration

/ Bromoform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

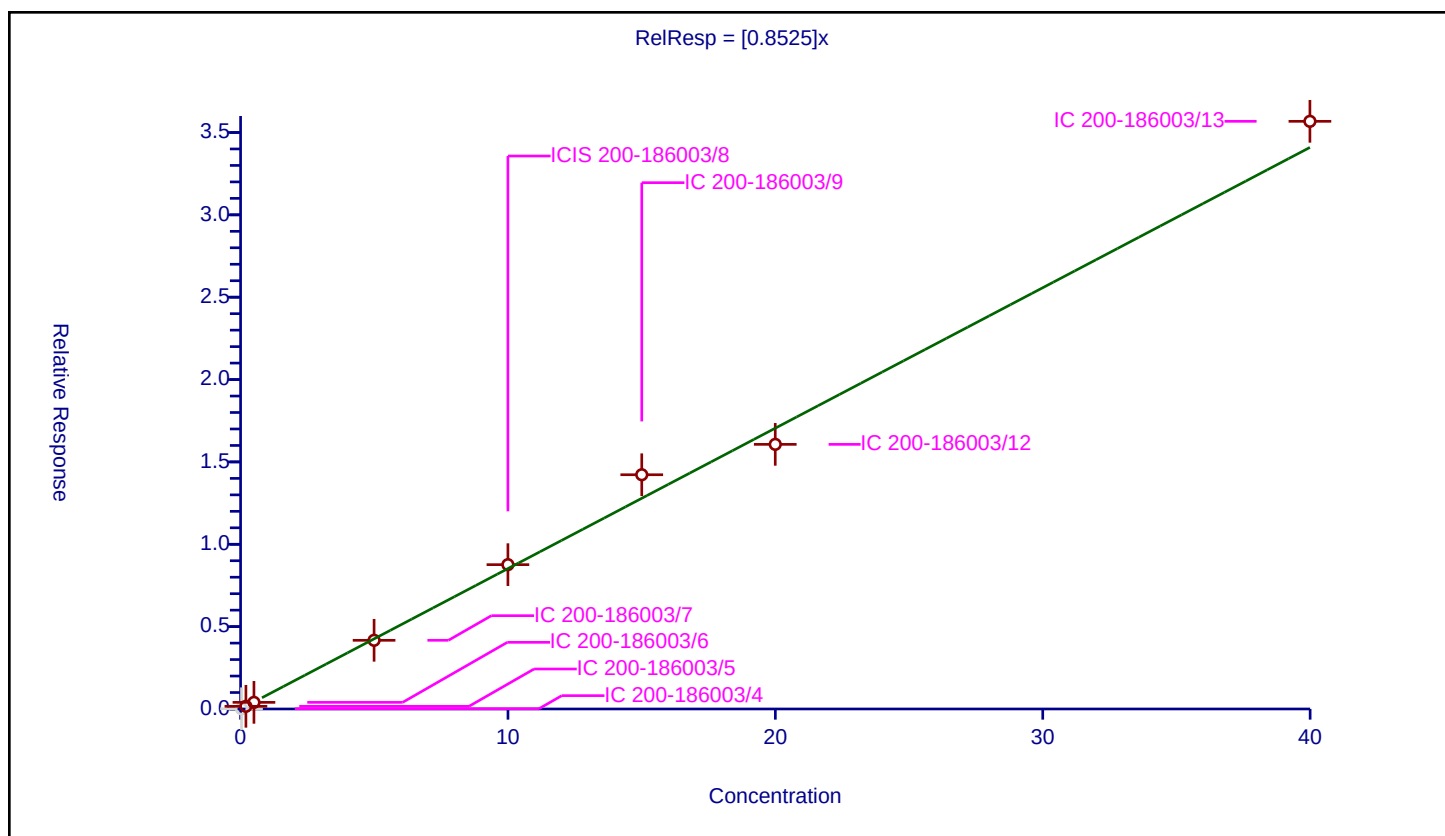
Curve Coefficients

Intercept: 0
 Slope: 0.8525

Error Coefficients

Standard Error: 1830000
 Relative Standard Error: 6.5
 Correlation Coefficient: 0.979
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.013404	10.0	800504.0	0.382133	N
2	IC 200-186003/5	0.20044	0.161968	10.0	822016.0	0.808062	Y
3	IC 200-186003/6	0.500453	0.402553	10.0	873376.0	0.804378	Y
4	IC 200-186003/7	4.992563	4.169298	10.0	816207.0	0.835102	Y
5	ICIS 200-186003/8	9.99806	8.761854	10.0	843374.0	0.876355	Y
6	IC 200-186003/9	15.003557	14.222011	10.0	783861.0	0.947909	Y
7	IC 200-186003/12	19.99612	16.066315	10.0	926640.0	0.803472	Y
8	IC 200-186003/13	39.99224	35.677677	10.0	1123139.0	0.892115	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

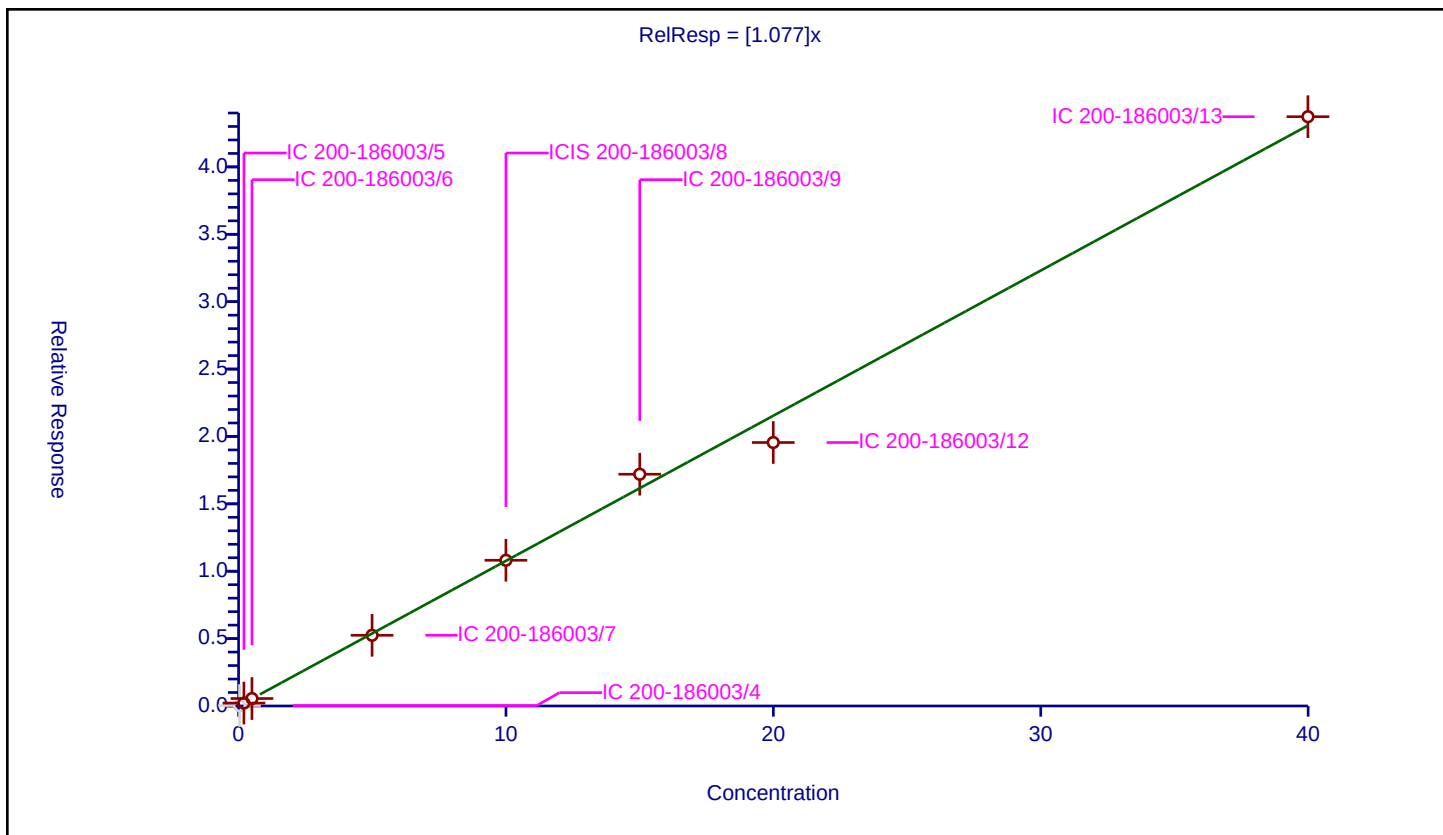
Curve Coefficients

Intercept: 0
 Slope: 1.077

Error Coefficients

Standard Error: 2240000
 Relative Standard Error: 4.9
 Correlation Coefficient: 0.977
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.033641	10.0	800504.0	0.959072	N
2	IC 200-186003/5	0.20044	0.216991	10.0	822016.0	1.082575	Y
3	IC 200-186003/6	0.500453	0.553794	10.0	873376.0	1.106585	Y
4	IC 200-186003/7	4.992563	5.246659	10.0	816207.0	1.050895	Y
5	ICIS 200-186003/8	9.99806	10.813032	10.0	843374.0	1.081513	Y
6	IC 200-186003/9	15.003557	17.197513	10.0	783861.0	1.146229	Y
7	IC 200-186003/12	19.99612	19.551725	10.0	926640.0	0.977776	Y
8	IC 200-186003/13	39.99224	43.727482	10.0	1123139.0	1.093399	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

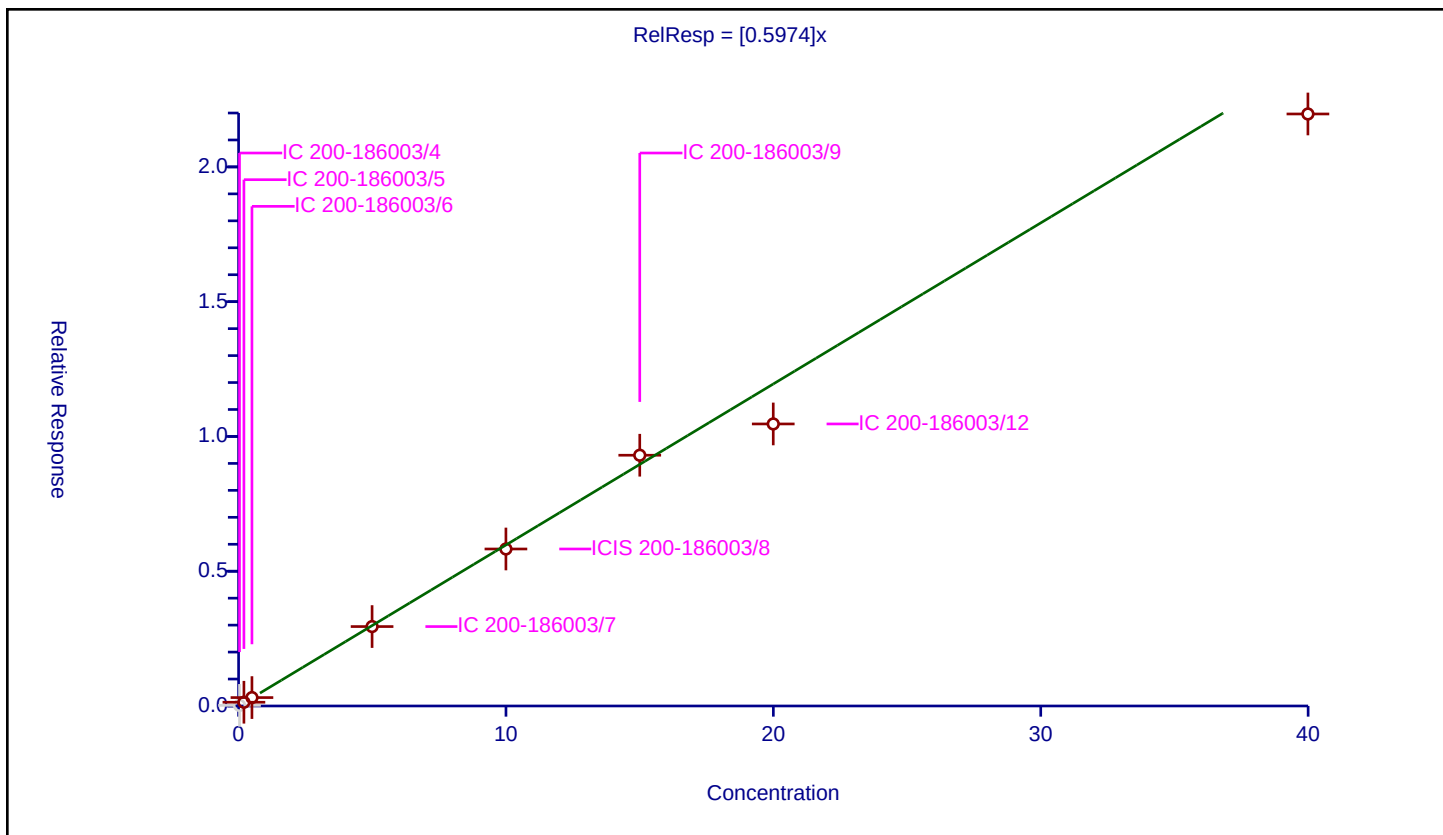
Curve Coefficients

Intercept: 0
 Slope: 0.5974

Error Coefficients

Standard Error: 1140000
 Relative Standard Error: 9.3
 Correlation Coefficient: 0.985
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.022099	10.0	800504.0	0.630003	N
2	IC 200-186003/5	0.20044	0.138988	10.0	822016.0	0.693413	Y
3	IC 200-186003/6	0.500453	0.311928	10.0	873376.0	0.623291	Y
4	IC 200-186003/7	4.992563	2.946728	10.0	816207.0	0.590224	Y
5	ICIS 200-186003/8	9.99806	5.824474	10.0	843374.0	0.58256	Y
6	IC 200-186003/9	15.003557	9.303167	10.0	783861.0	0.620064	Y
7	IC 200-186003/12	19.99612	10.464312	10.0	926640.0	0.523317	Y
8	IC 200-186003/13	39.99224	21.964102	10.0	1123139.0	0.549209	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

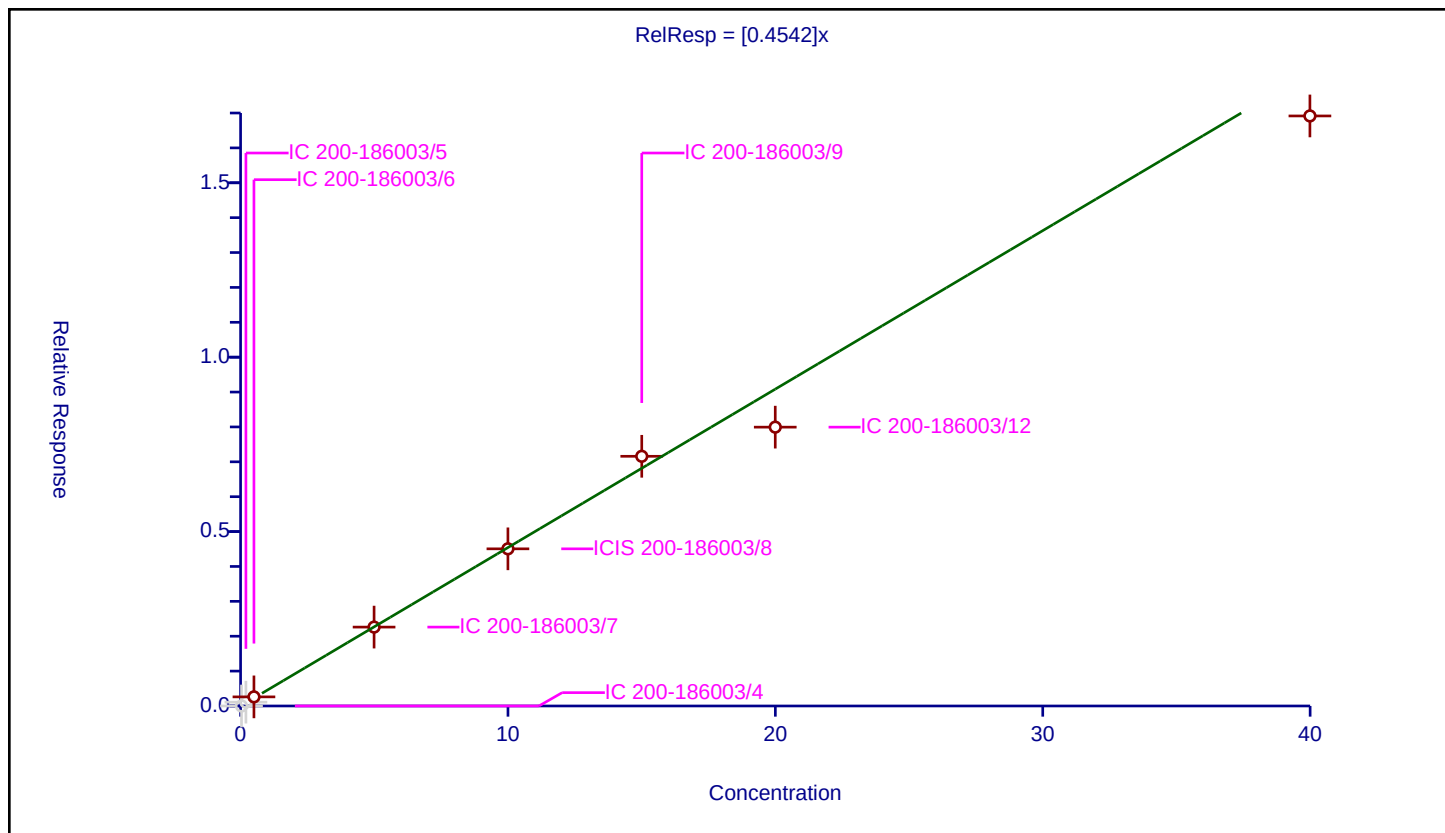
Curve Coefficients

Intercept: 0
 Slope: 0.4542

Error Coefficients

Standard Error: 965000
 Relative Standard Error: 9.4
 Correlation Coefficient: 0.984
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.0	10.0	800504.0	0.0	N
2	IC 200-186003/5	0.20044	0.109986	10.0	822016.0	0.548722	N
3	IC 200-186003/6	0.500453	0.261228	10.0	873376.0	0.521983	Y
4	IC 200-186003/7	4.992563	2.261473	10.0	816207.0	0.452968	Y
5	ICIS 200-186003/8	9.99806	4.505332	10.0	843374.0	0.450621	Y
6	IC 200-186003/9	15.003557	7.158693	10.0	783861.0	0.477133	Y
7	IC 200-186003/12	19.99612	7.994205	10.0	926640.0	0.399788	Y
8	IC 200-186003/13	39.99224	16.915965	10.0	1123139.0	0.422981	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

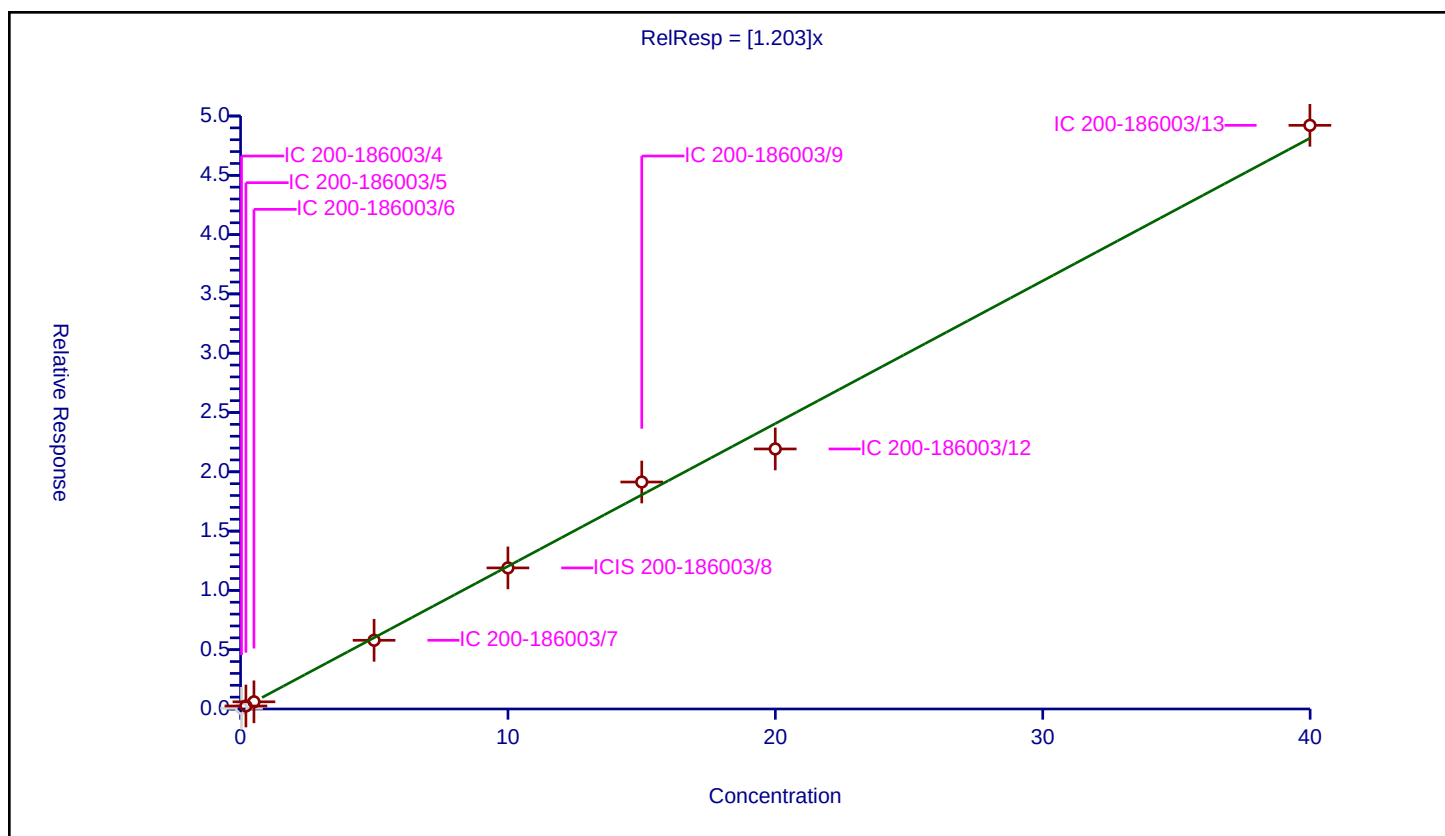
Curve Coefficients

Intercept: 0
Slope: 1.203

Error Coefficients

Standard Error: 2520000
Relative Standard Error: 5.1
Correlation Coefficient: 0.977
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.058088	10.0	800504.0	1.656028	N
2	IC 200-186003/5	0.20044	0.253	10.0	822016.0	1.262225	Y
3	IC 200-186003/6	0.500453	0.604997	10.0	873376.0	1.2089	Y
4	IC 200-186003/7	4.992563	5.792587	10.0	816207.0	1.160243	Y
5	ICIS 200-186003/8	9.99806	11.896359	10.0	843374.0	1.189867	Y
6	IC 200-186003/9	15.003557	19.13884	10.0	783861.0	1.27562	Y
7	IC 200-186003/12	19.99612	21.926606	10.0	926640.0	1.096543	Y
8	IC 200-186003/13	39.99224	49.214692	10.0	1123139.0	1.230606	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

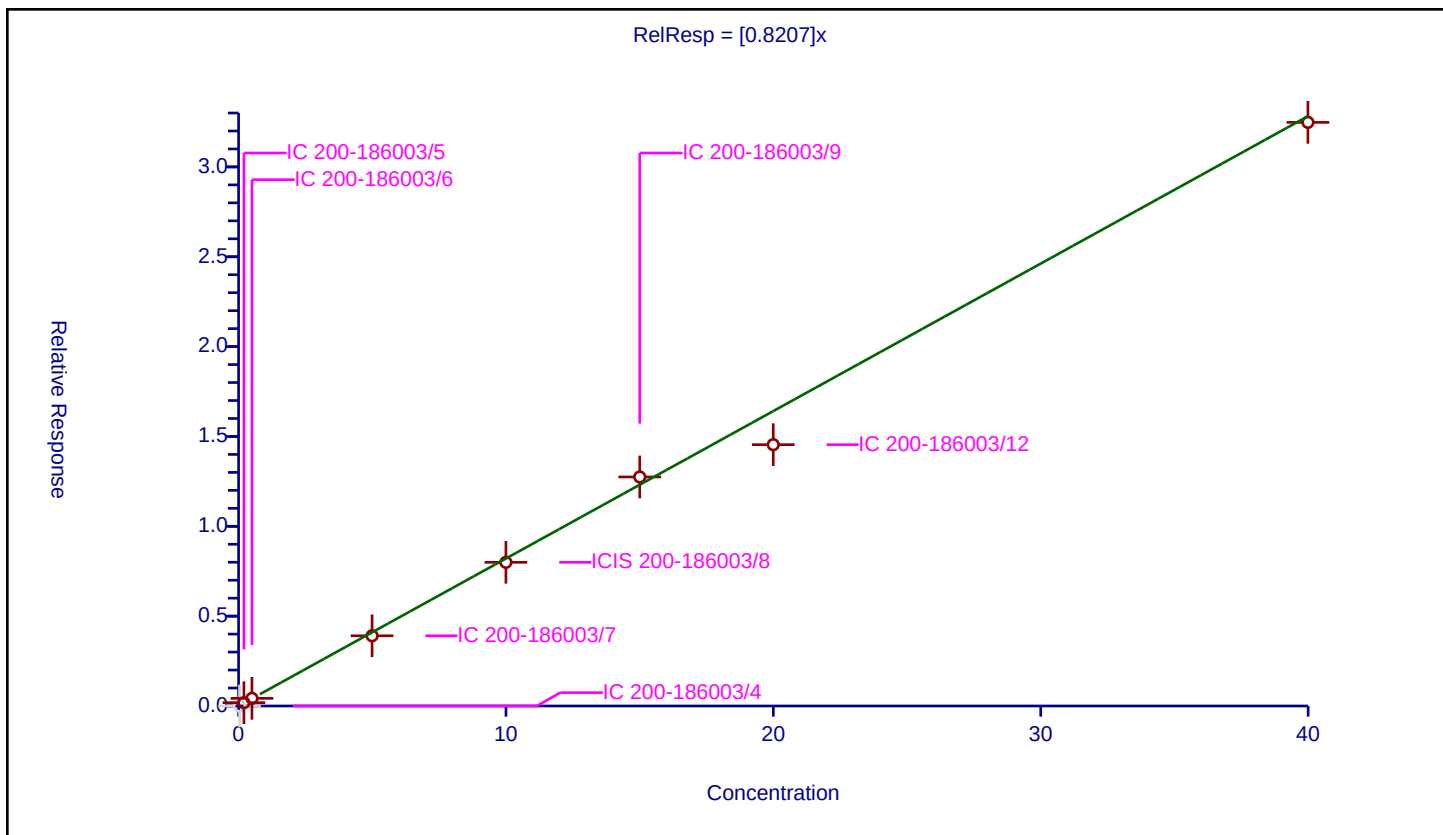
Curve Coefficients

Intercept: 0
 Slope: 0.8207

Error Coefficients

Standard Error: 1670000
 Relative Standard Error: 7.5
 Correlation Coefficient: 0.977
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.0	10.0	800504.0	0.0	N
2	IC 200-186003/5	0.20044	0.185167	10.0	822016.0	0.923803	Y
3	IC 200-186003/6	0.500453	0.425235	10.0	873376.0	0.849701	Y
4	IC 200-186003/7	4.992563	3.907134	10.0	816207.0	0.782591	Y
5	ICIS 200-186003/8	9.99806	7.995765	10.0	843374.0	0.799732	Y
6	IC 200-186003/9	15.003557	12.745308	10.0	783861.0	0.849486	Y
7	IC 200-186003/12	19.99612	14.542962	10.0	926640.0	0.727289	Y
8	IC 200-186003/13	39.99224	32.479657	10.0	1123139.0	0.812149	Y



Calibration

/ 4-Ethyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

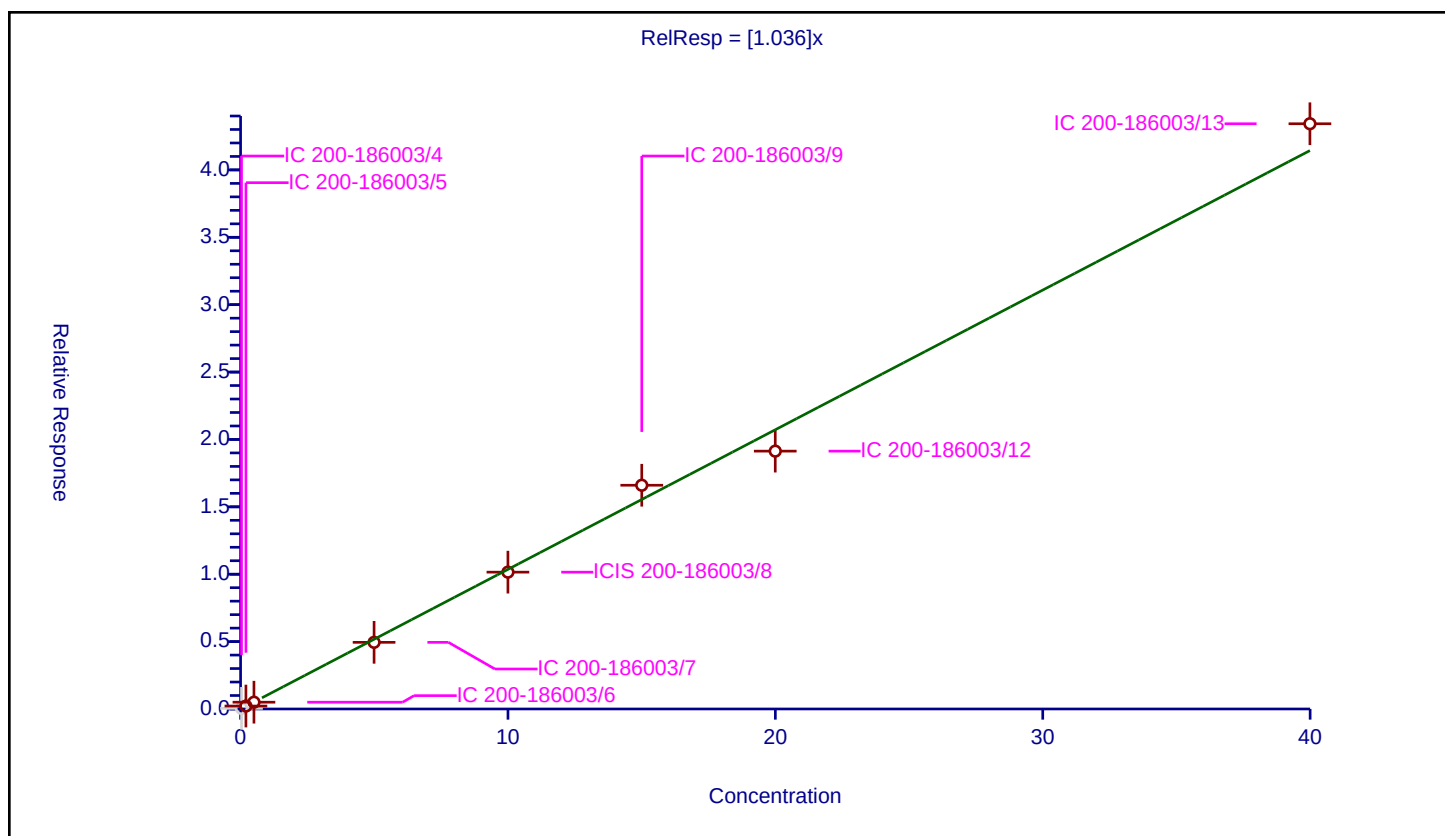
Curve Coefficients

Intercept: 0
Slope: 1.036

Error Coefficients

Standard Error: 2220000
Relative Standard Error: 5.5
Correlation Coefficient: 0.975
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.046658	10.0	800504.0	1.330165	N
2	IC 200-186003/5	0.20044	0.21828	10.0	822016.0	1.089008	Y
3	IC 200-186003/6	0.500453	0.504525	10.0	873376.0	1.008137	Y
4	IC 200-186003/7	4.992563	4.94638	10.0	816207.0	0.99075	Y
5	ICIS 200-186003/8	9.99806	10.154475	10.0	843374.0	1.015645	Y
6	IC 200-186003/9	15.003557	16.601719	10.0	783861.0	1.106519	Y
7	IC 200-186003/12	19.99612	19.132435	10.0	926640.0	0.956807	Y
8	IC 200-186003/13	39.99224	43.426771	10.0	1123139.0	1.08588	Y



Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

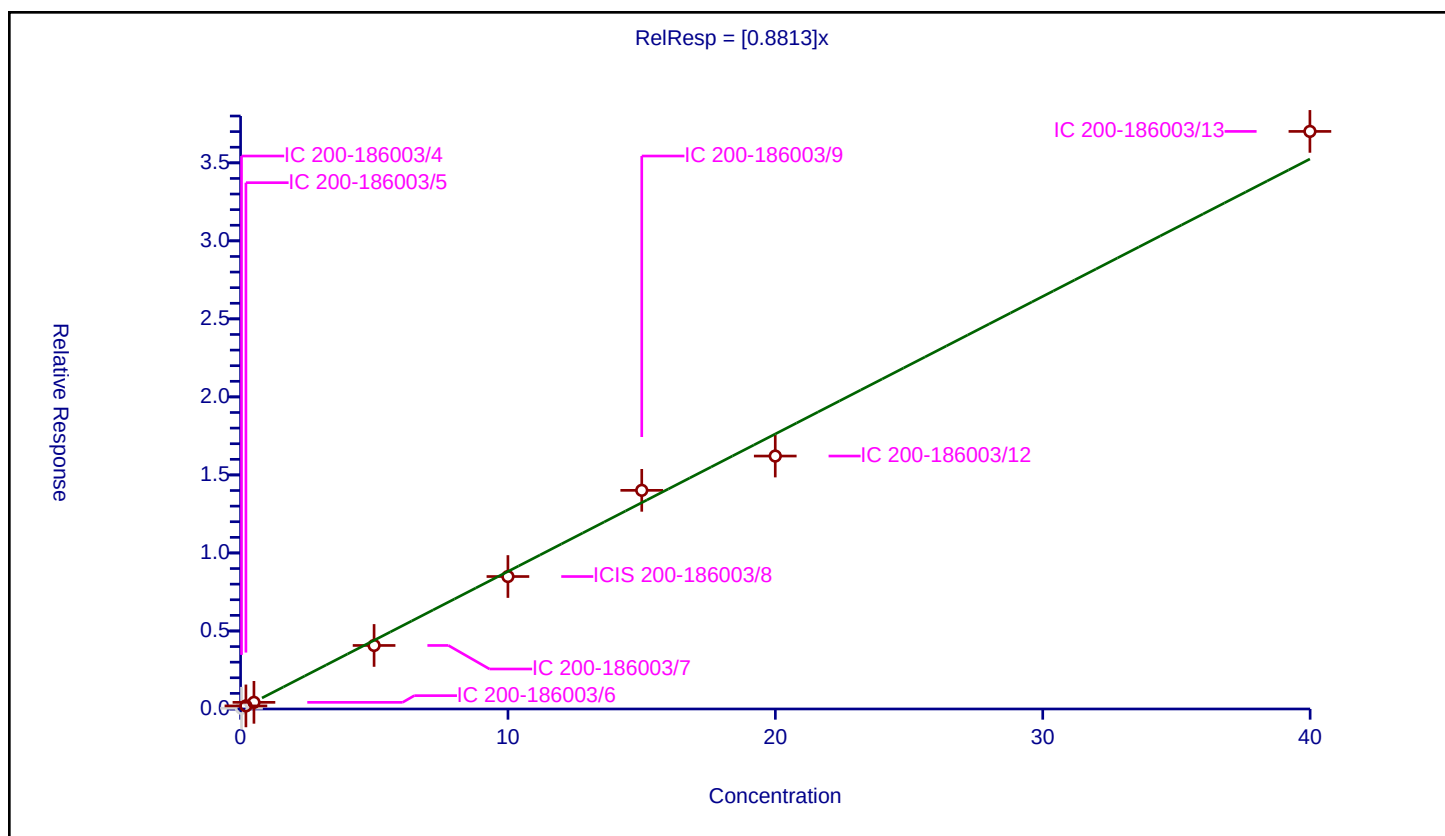
Curve Coefficients

Intercept: 0
 Slope: 0.8813

Error Coefficients

Standard Error: 1890000
 Relative Standard Error: 7.5
 Correlation Coefficient: 0.974
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.04837	10.0	800504.0	1.378955	N
2	IC 200-186003/5	0.20044	0.196772	10.0	822016.0	0.981704	Y
3	IC 200-186003/6	0.500453	0.426701	10.0	873376.0	0.852629	Y
4	IC 200-186003/7	4.992563	4.072117	10.0	816207.0	0.815636	Y
5	ICIS 200-186003/8	9.99806	8.489401	10.0	843374.0	0.849105	Y
6	IC 200-186003/9	15.003557	14.011285	10.0	783861.0	0.933864	Y
7	IC 200-186003/12	19.99612	16.209251	10.0	926640.0	0.81062	Y
8	IC 200-186003/13	39.99224	37.014288	10.0	1123139.0	0.925537	Y



Calibration

/ n-Decane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

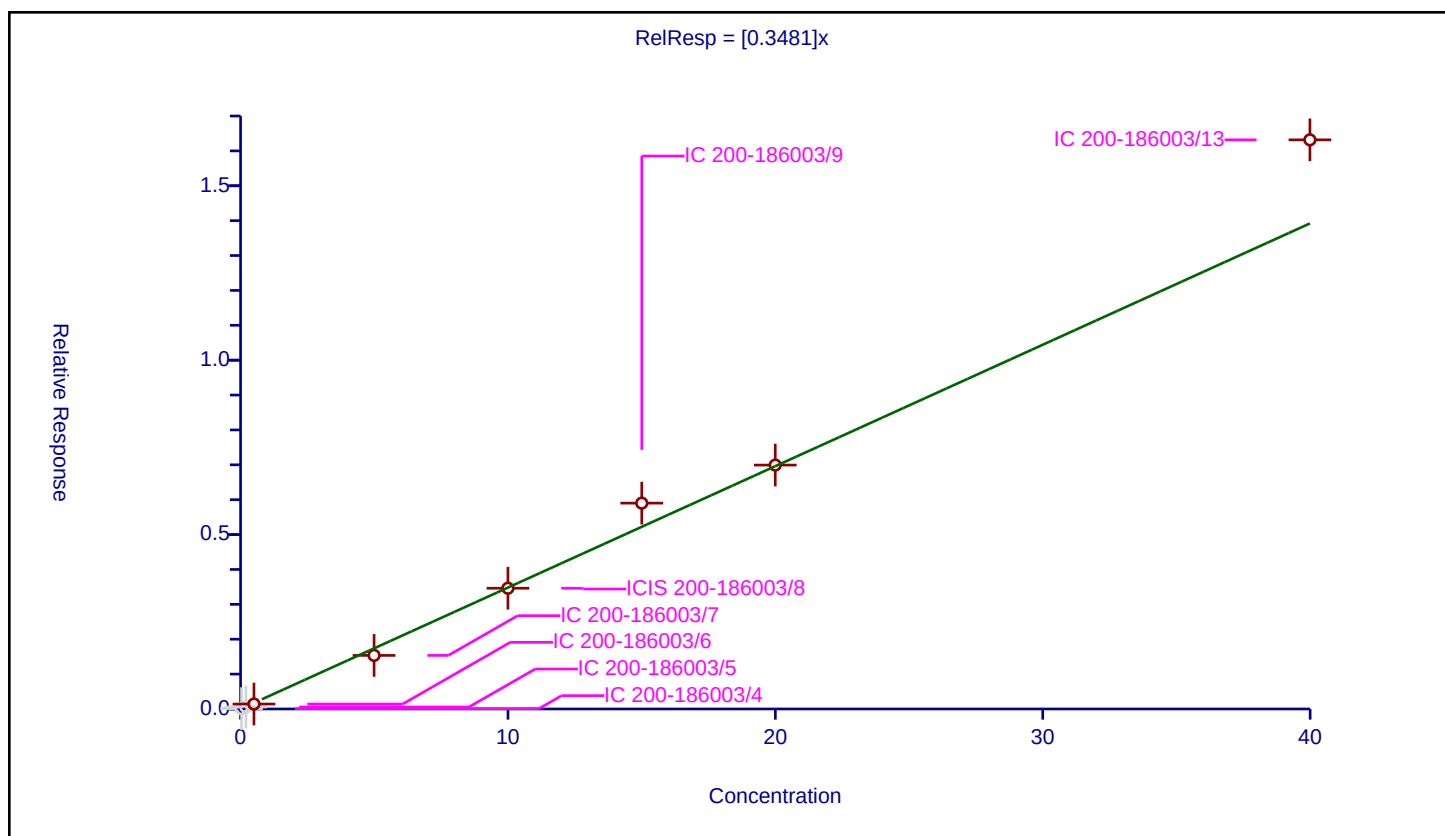
Curve Coefficients

Intercept: 0
Slope: 0.3481

Error Coefficients

Standard Error: 905000
Relative Standard Error: 13.7
Correlation Coefficient: 0.972
Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.010418	10.0	800504.0	0.297017	N
2	IC 200-186003/5	0.20044	0.058065	10.0	822016.0	0.289686	N
3	IC 200-186003/6	0.500453	0.141852	10.0	873376.0	0.283447	Y
4	IC 200-186003/7	4.992563	1.536326	10.0	816207.0	0.307723	Y
5	ICIS 200-186003/8	9.99806	3.461916	10.0	843374.0	0.346259	Y
6	IC 200-186003/9	15.003557	5.90125	10.0	783861.0	0.393323	Y
7	IC 200-186003/12	19.99612	6.992252	10.0	926640.0	0.34968	Y
8	IC 200-186003/13	39.99224	16.317054	10.0	1123139.0	0.408006	Y



Calibration

/ Alpha Methyl Styrene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

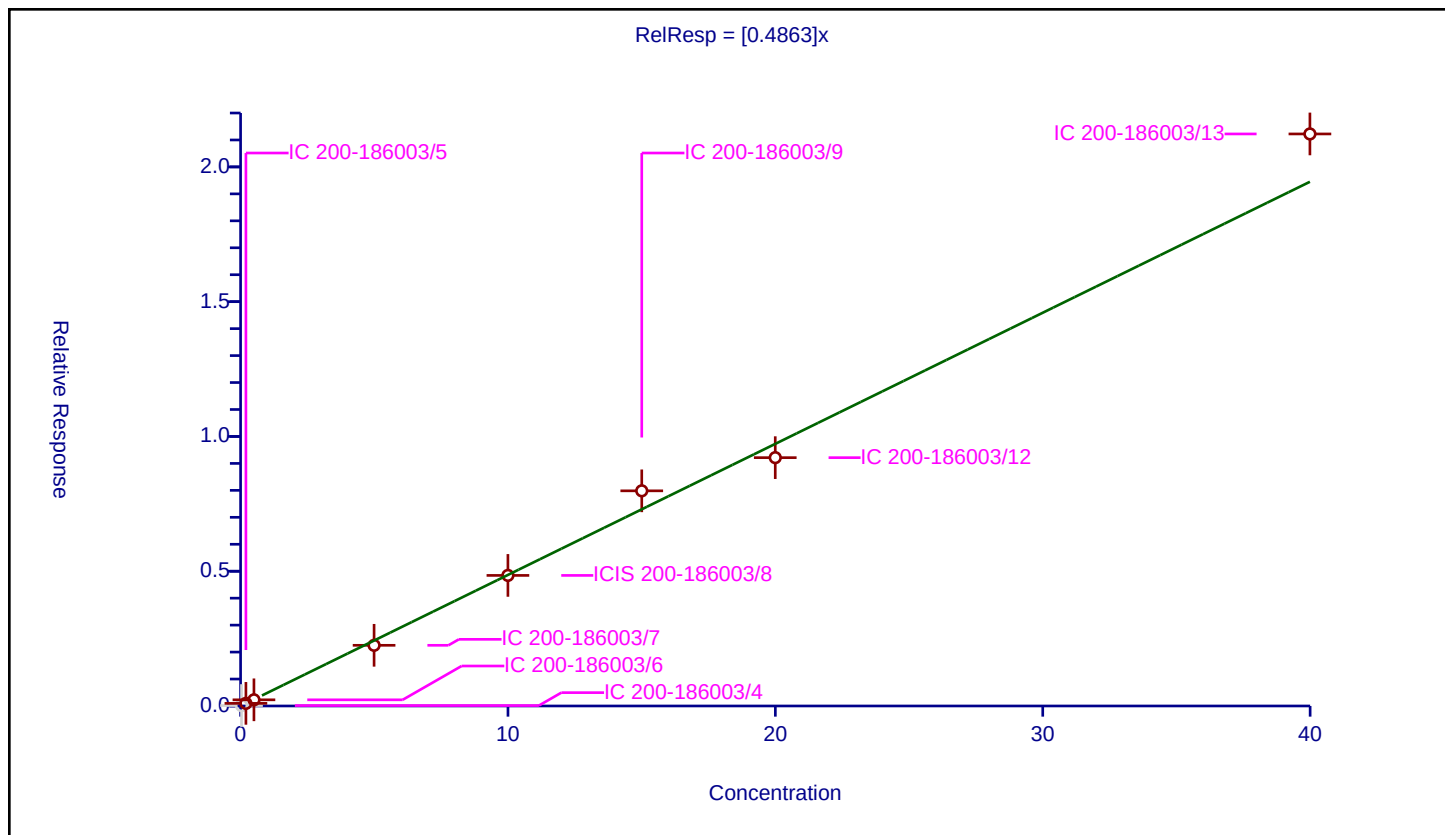
Curve Coefficients

Intercept: 0
 Slope: 0.4863

Error Coefficients

Standard Error: 1080000
 Relative Standard Error: 6.9
 Correlation Coefficient: 0.973
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.016802	10.0	800504.0	0.479002	N
2	IC 200-186003/5	0.20044	0.097833	10.0	822016.0	0.48809	Y
3	IC 200-186003/6	0.500453	0.228779	10.0	873376.0	0.457144	Y
4	IC 200-186003/7	4.992563	2.251108	10.0	816207.0	0.450892	Y
5	ICIS 200-186003/8	9.99806	4.84466	10.0	843374.0	0.48456	Y
6	IC 200-186003/9	15.003557	7.982971	10.0	783861.0	0.532072	Y
7	IC 200-186003/12	19.99612	9.213535	10.0	926640.0	0.460766	Y
8	IC 200-186003/13	39.99224	21.223544	10.0	1123139.0	0.530692	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

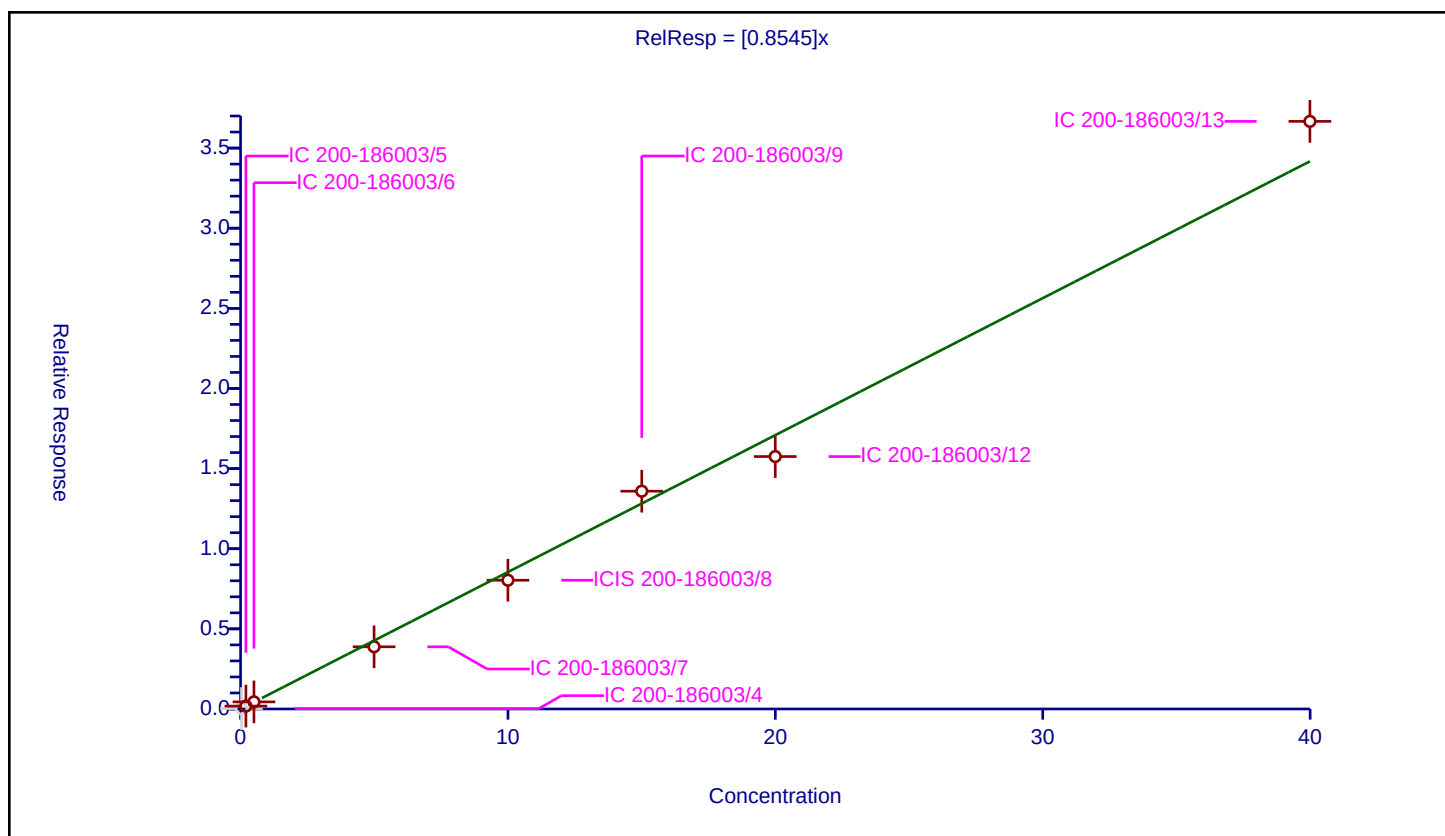
Curve Coefficients

Intercept: 0
Slope: 0.8545

Error Coefficients

Standard Error: 1860000
Relative Standard Error: 7.2
Correlation Coefficient: 0.971
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.026046	10.0	800504.0	0.742542	N
2	IC 200-186003/5	0.20044	0.180982	10.0	822016.0	0.902924	Y
3	IC 200-186003/6	0.500453	0.443944	10.0	873376.0	0.887085	Y
4	IC 200-186003/7	4.992563	3.88094	10.0	816207.0	0.777344	Y
5	ICIS 200-186003/8	9.99806	8.034004	10.0	843374.0	0.803556	Y
6	IC 200-186003/9	15.003557	13.590509	10.0	783861.0	0.905819	Y
7	IC 200-186003/12	19.99612	15.750809	10.0	926640.0	0.787693	Y
8	IC 200-186003/13	39.99224	36.665025	10.0	1123139.0	0.916804	Y



Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

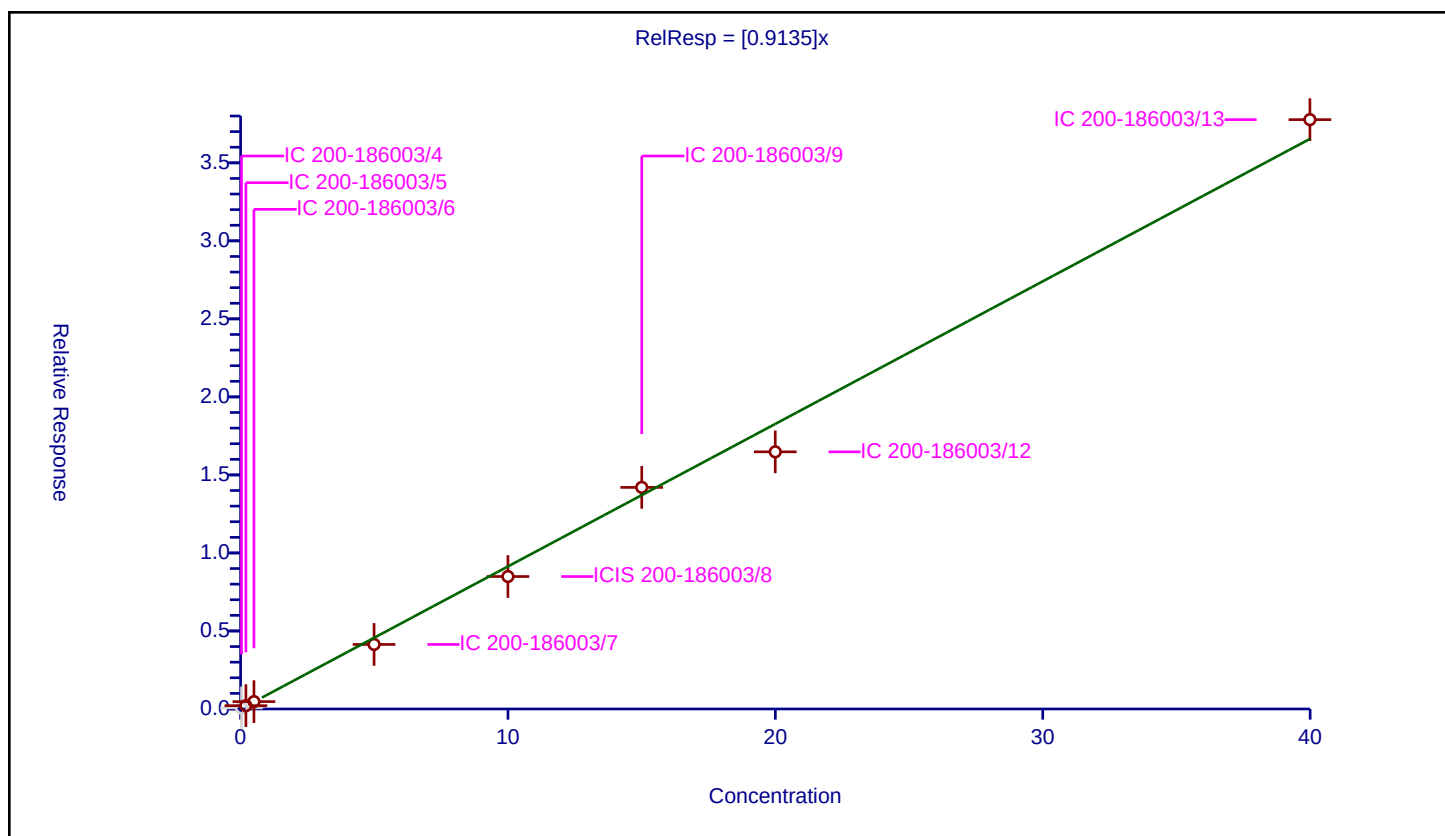
Curve Coefficients

Intercept: 0
 Slope: 0.9135

Error Coefficients

Standard Error: 1920000
 Relative Standard Error: 9.3
 Correlation Coefficient: 0.973
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.070256	10.0	800504.0	2.002904	N
2	IC 200-186003/5	0.20044	0.212234	10.0	822016.0	1.058844	Y
3	IC 200-186003/6	0.500453	0.471916	10.0	873376.0	0.942978	Y
4	IC 200-186003/7	4.992563	4.136781	10.0	816207.0	0.828589	Y
5	ICIS 200-186003/8	9.99806	8.489448	10.0	843374.0	0.84911	Y
6	IC 200-186003/9	15.003557	14.199495	10.0	783861.0	0.946409	Y
7	IC 200-186003/12	19.99612	16.480176	10.0	926640.0	0.824169	Y
8	IC 200-186003/13	39.99224	37.767569	10.0	1123139.0	0.944372	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

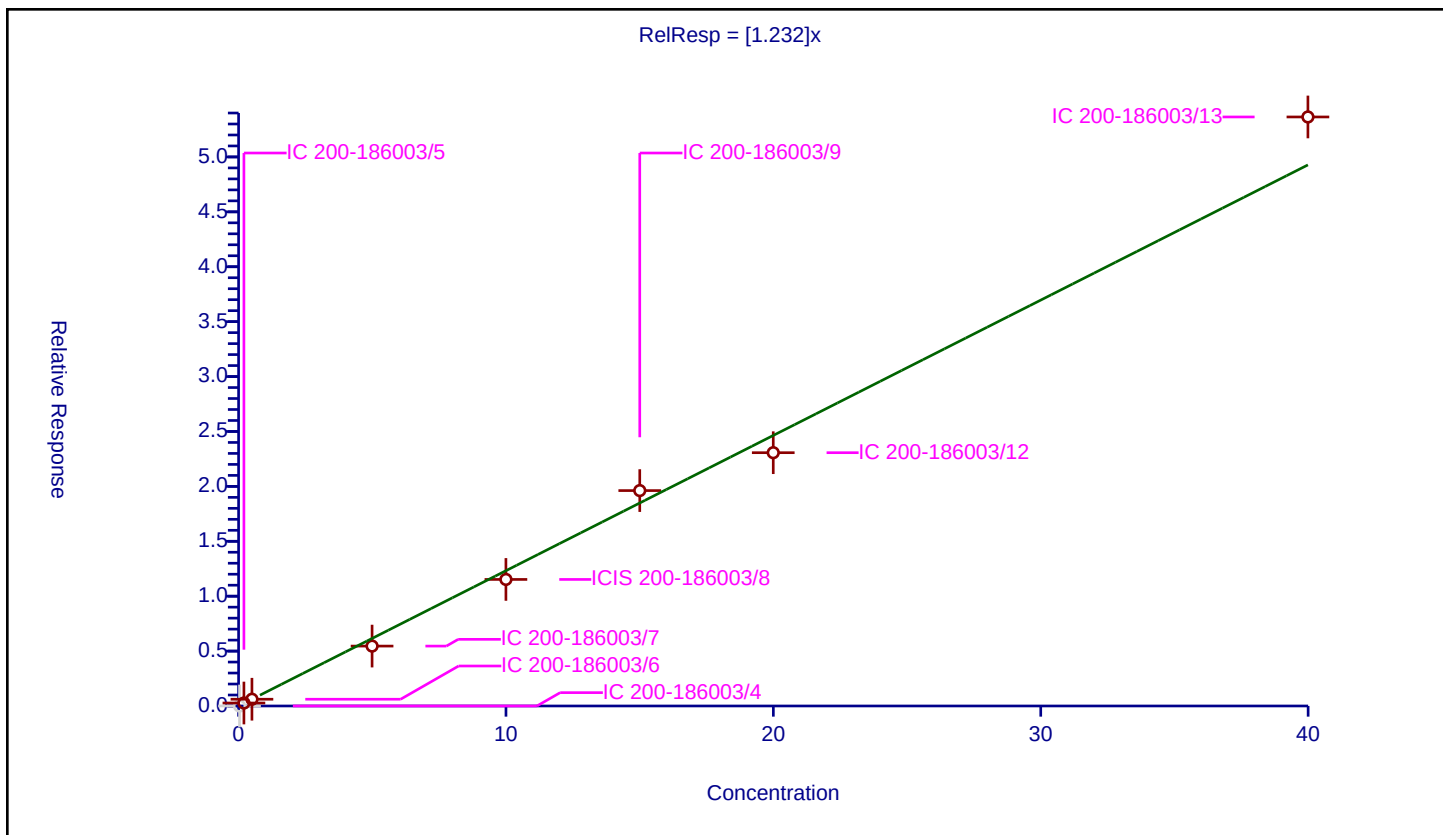
Curve Coefficients

Intercept: 0
 Slope: 1.232

Error Coefficients

Standard Error: 2720000
 Relative Standard Error: 8.3
 Correlation Coefficient: 0.970
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.0	10.0	800504.0	0.0	N
2	IC 200-186003/5	0.20044	0.270116	10.0	822016.0	1.347619	Y
3	IC 200-186003/6	0.500453	0.615176	10.0	873376.0	1.229239	Y
4	IC 200-186003/7	4.992563	5.456116	10.0	816207.0	1.092849	Y
5	ICIS 200-186003/8	9.99806	11.524425	10.0	843374.0	1.152666	Y
6	IC 200-186003/9	15.003557	19.615659	10.0	783861.0	1.307401	Y
7	IC 200-186003/12	19.99612	23.066509	10.0	926640.0	1.153549	Y
8	IC 200-186003/13	39.99224	53.640404	10.0	1123139.0	1.34127	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

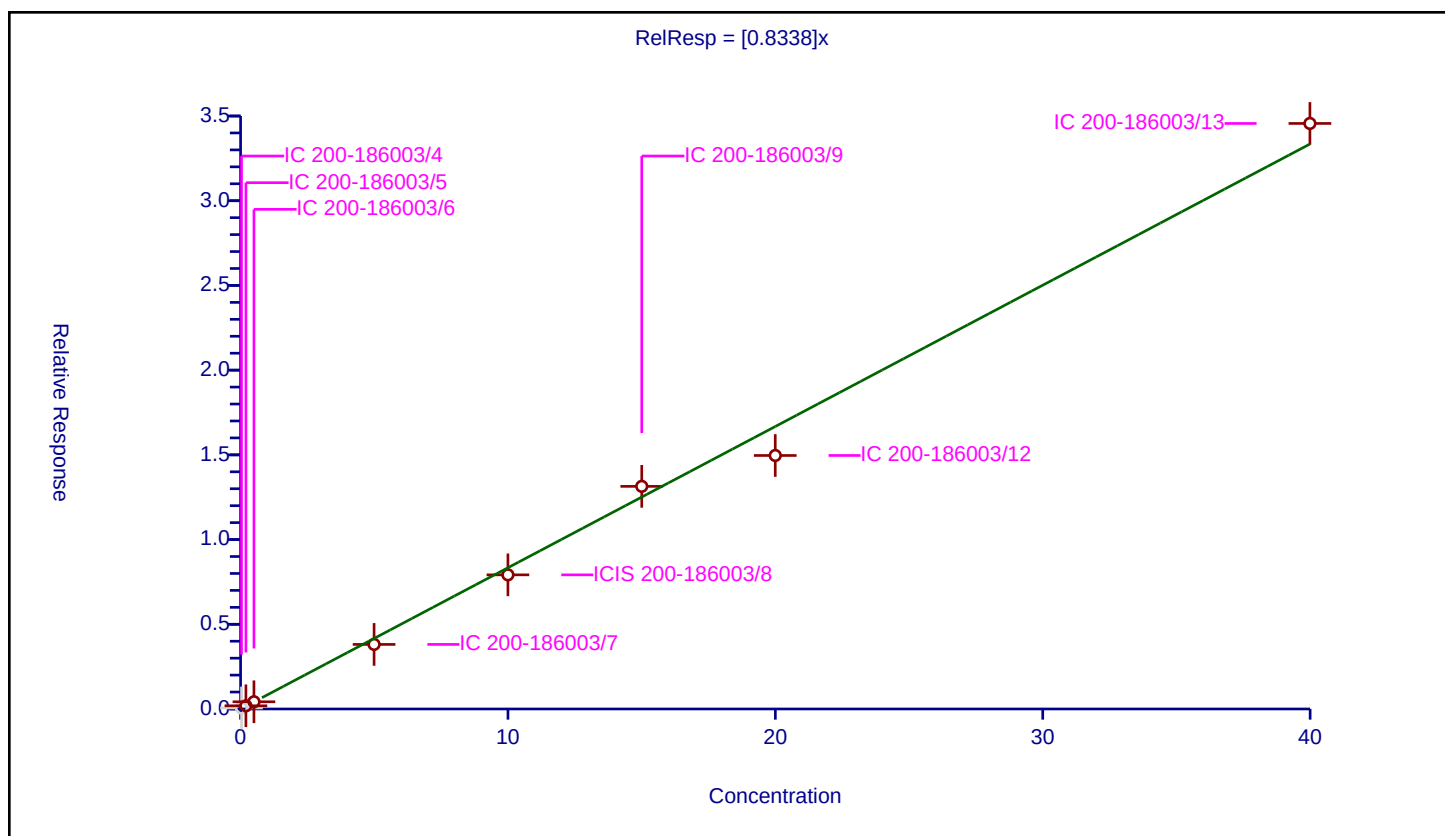
Curve Coefficients

Intercept: 0
 Slope: 0.8338

Error Coefficients

Standard Error: 1760000
 Relative Standard Error: 8.3
 Correlation Coefficient: 0.973
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.060025	10.0	800504.0	1.711229	N
2	IC 200-186003/5	0.20044	0.188573	10.0	822016.0	0.940797	Y
3	IC 200-186003/6	0.500453	0.426449	10.0	873376.0	0.852126	Y
4	IC 200-186003/7	4.992563	3.811362	10.0	816207.0	0.763408	Y
5	ICIS 200-186003/8	9.99806	7.91797	10.0	843374.0	0.791951	Y
6	IC 200-186003/9	15.003557	13.140723	10.0	783861.0	0.87584	Y
7	IC 200-186003/12	19.99612	14.963039	10.0	926640.0	0.748297	Y
8	IC 200-186003/13	39.99224	34.560139	10.0	1123139.0	0.864171	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

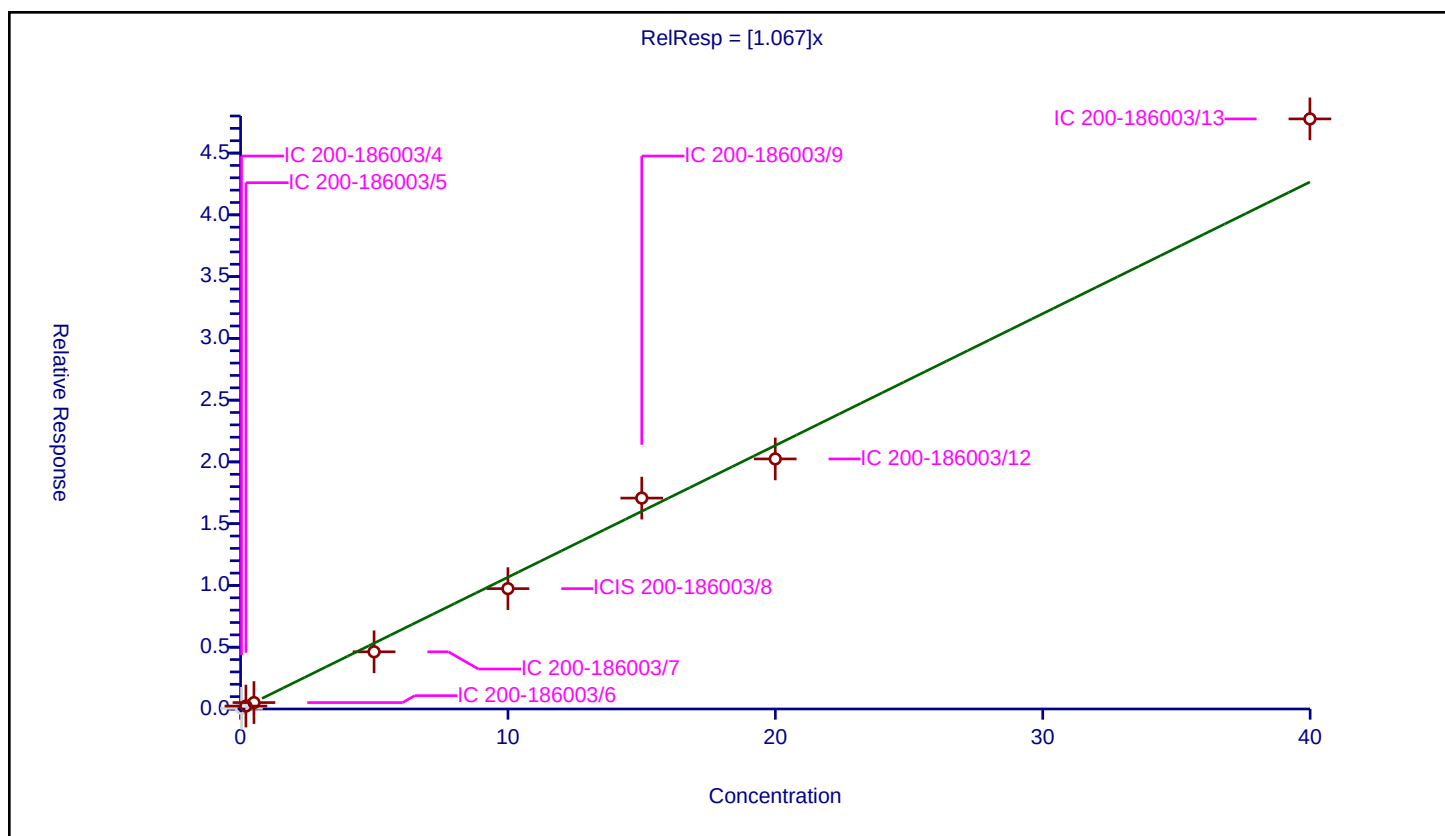
Curve Coefficients

Intercept: 0
 Slope: 1.067

Error Coefficients

Standard Error: 2410000
 Relative Standard Error: 9.9
 Correlation Coefficient: 0.968
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.056877	10.0	800504.0	1.621483	N
2	IC 200-186003/5	0.20044	0.236942	10.0	822016.0	1.182111	Y
3	IC 200-186003/6	0.500453	0.519719	10.0	873376.0	1.038498	Y
4	IC 200-186003/7	4.992563	4.629451	10.0	816207.0	0.927269	Y
5	ICIS 200-186003/8	9.99806	9.743198	10.0	843374.0	0.974509	Y
6	IC 200-186003/9	15.003557	17.072427	10.0	783861.0	1.137892	Y
7	IC 200-186003/12	19.99612	20.241734	10.0	926640.0	1.012283	Y
8	IC 200-186003/13	39.99224	47.766715	10.0	1123139.0	1.1944	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

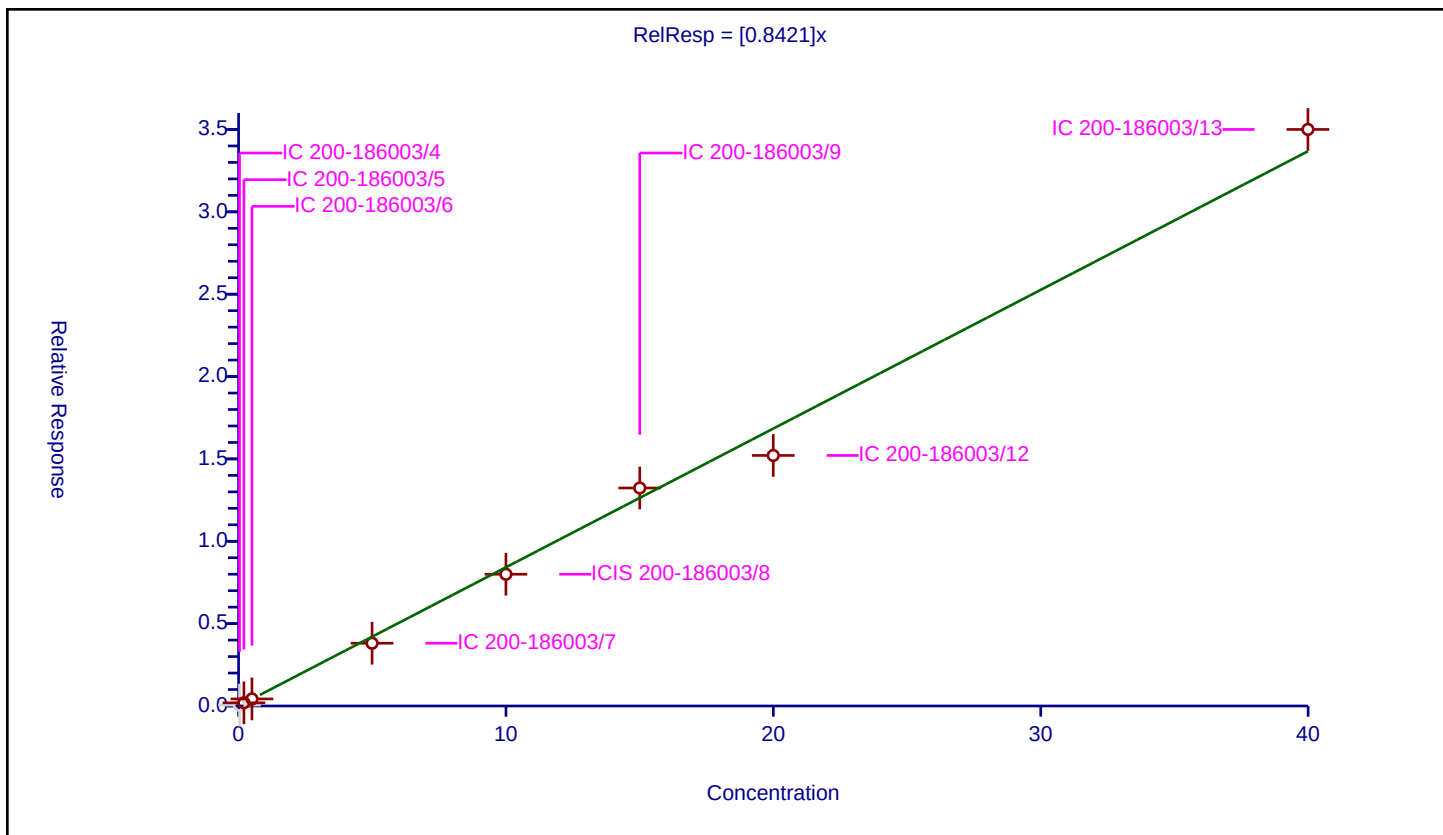
Curve Coefficients

Intercept: 0
 Slope: 0.8421

Error Coefficients

Standard Error: 1780000
 Relative Standard Error: 8.5
 Correlation Coefficient: 0.973
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.053904	10.0	800504.0	1.536723	N
2	IC 200-186003/5	0.20044	0.191906	10.0	822016.0	0.957426	Y
3	IC 200-186003/6	0.500453	0.428544	10.0	873376.0	0.856313	Y
4	IC 200-186003/7	4.992563	3.809916	10.0	816207.0	0.763118	Y
5	ICIS 200-186003/8	9.99806	7.998373	10.0	843374.0	0.799993	Y
6	IC 200-186003/9	15.003557	13.233775	10.0	783861.0	0.882043	Y
7	IC 200-186003/12	19.99612	15.211452	10.0	926640.0	0.76072	Y
8	IC 200-186003/13	39.99224	35.002756	10.0	1123139.0	0.875239	Y



Calibration

/ Benzyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

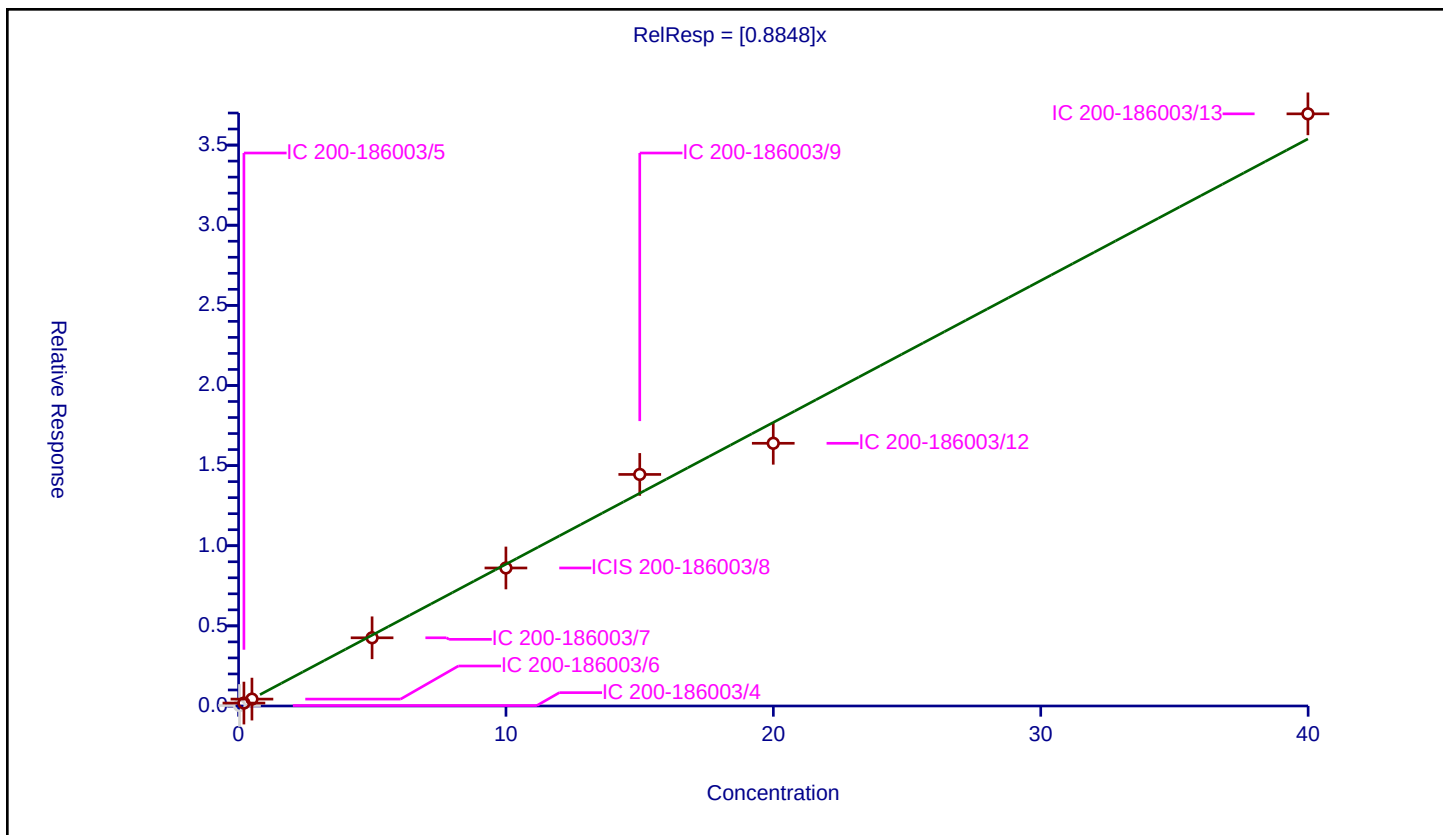
Curve Coefficients

Intercept: 0
 Slope: 0.8848

Error Coefficients

Standard Error: 1890000
 Relative Standard Error: 5.6
 Correlation Coefficient: 0.976
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.029606	10.0	800504.0	0.84404	N
2	IC 200-186003/5	0.20044	0.182819	10.0	822016.0	0.912089	Y
3	IC 200-186003/6	0.500453	0.430811	10.0	873376.0	0.860843	Y
4	IC 200-186003/7	4.992563	4.255281	10.0	816207.0	0.852324	Y
5	ICIS 200-186003/8	9.99806	8.611648	10.0	843374.0	0.861332	Y
6	IC 200-186003/9	15.003557	14.448174	10.0	783861.0	0.962983	Y
7	IC 200-186003/12	19.99612	16.392677	10.0	926640.0	0.819793	Y
8	IC 200-186003/13	39.99224	36.948793	10.0	1123139.0	0.923899	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

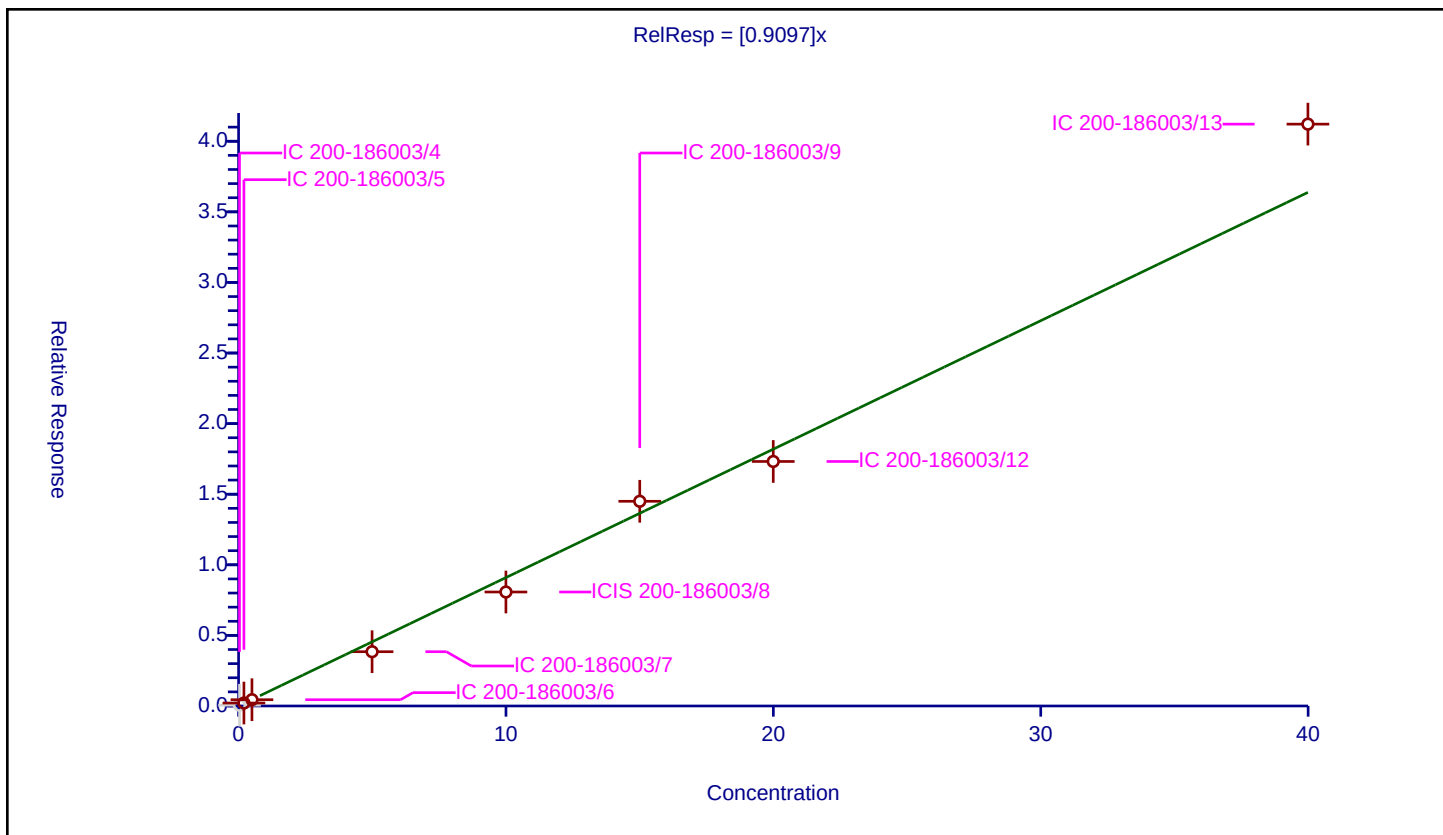
Curve Coefficients

Intercept: 0
 Slope: 0.9097

Error Coefficients

Standard Error: 2080000
 Relative Standard Error: 11.5
 Correlation Coefficient: 0.966
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.05574	10.0	800504.0	1.589075	N
2	IC 200-186003/5	0.20044	0.207843	10.0	822016.0	1.036934	Y
3	IC 200-186003/6	0.500453	0.445364	10.0	873376.0	0.889922	Y
4	IC 200-186003/7	4.992563	3.845458	10.0	816207.0	0.770237	Y
5	ICIS 200-186003/8	9.99806	8.074294	10.0	843374.0	0.807586	Y
6	IC 200-186003/9	15.003557	14.498451	10.0	783861.0	0.966334	Y
7	IC 200-186003/12	19.99612	17.318689	10.0	926640.0	0.866102	Y
8	IC 200-186003/13	39.99224	41.212281	10.0	1123139.0	1.030507	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

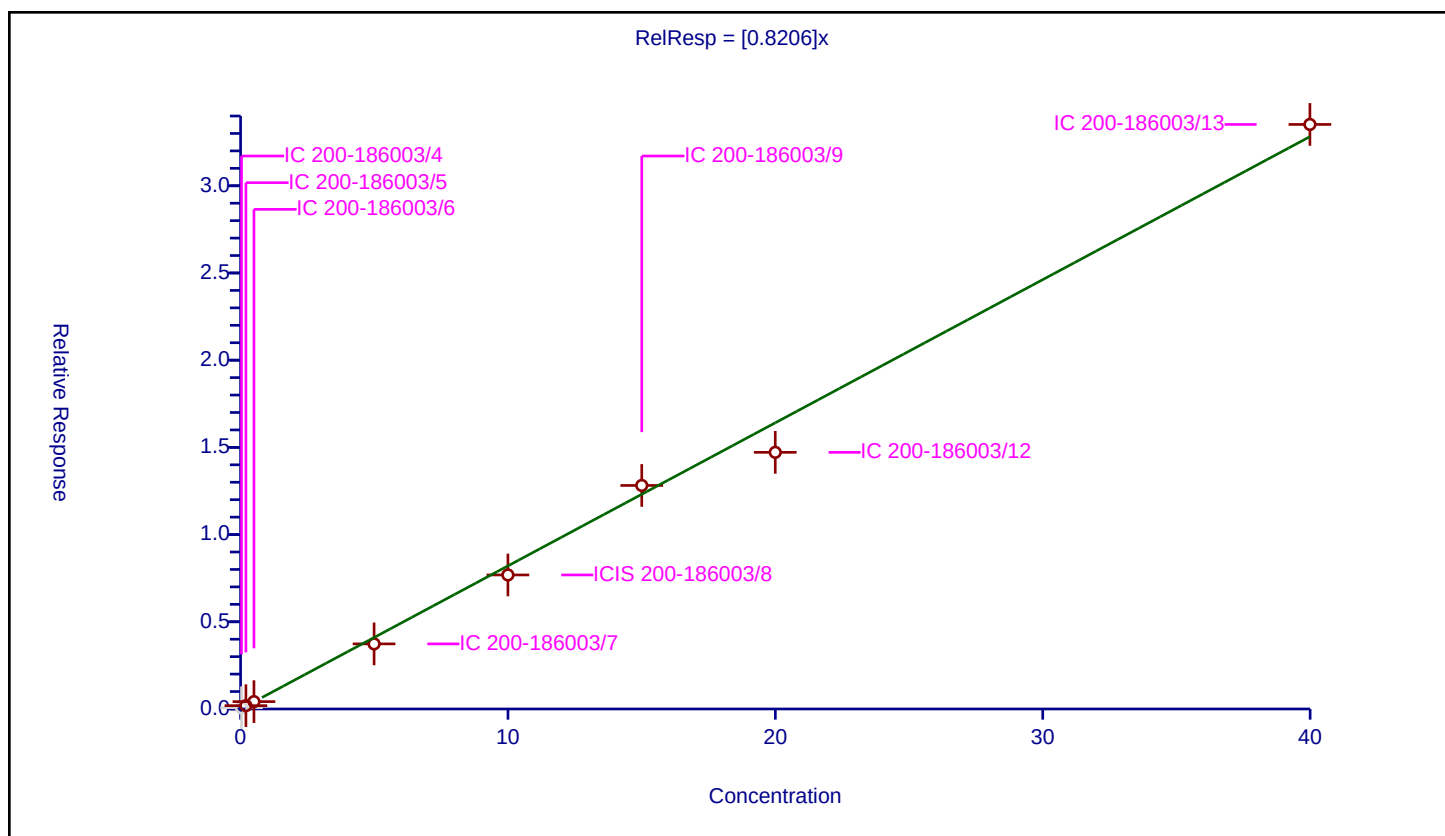
Curve Coefficients

Intercept: 0
Slope: 0.8206

Error Coefficients

Standard Error: 1710000
Relative Standard Error: 9.3
Correlation Coefficient: 0.974
Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.072367	10.0	800504.0	2.063091	N
2	IC 200-186003/5	0.20044	0.191067	10.0	822016.0	0.953239	Y
3	IC 200-186003/6	0.500453	0.423334	10.0	873376.0	0.845903	Y
4	IC 200-186003/7	4.992563	3.733832	10.0	816207.0	0.747879	Y
5	ICIS 200-186003/8	9.99806	7.684882	10.0	843374.0	0.768637	Y
6	IC 200-186003/9	15.003557	12.817668	10.0	783861.0	0.854309	Y
7	IC 200-186003/12	19.99612	14.716708	10.0	926640.0	0.735978	Y
8	IC 200-186003/13	39.99224	33.516092	10.0	1123139.0	0.838065	Y



Calibration

/ Undecane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

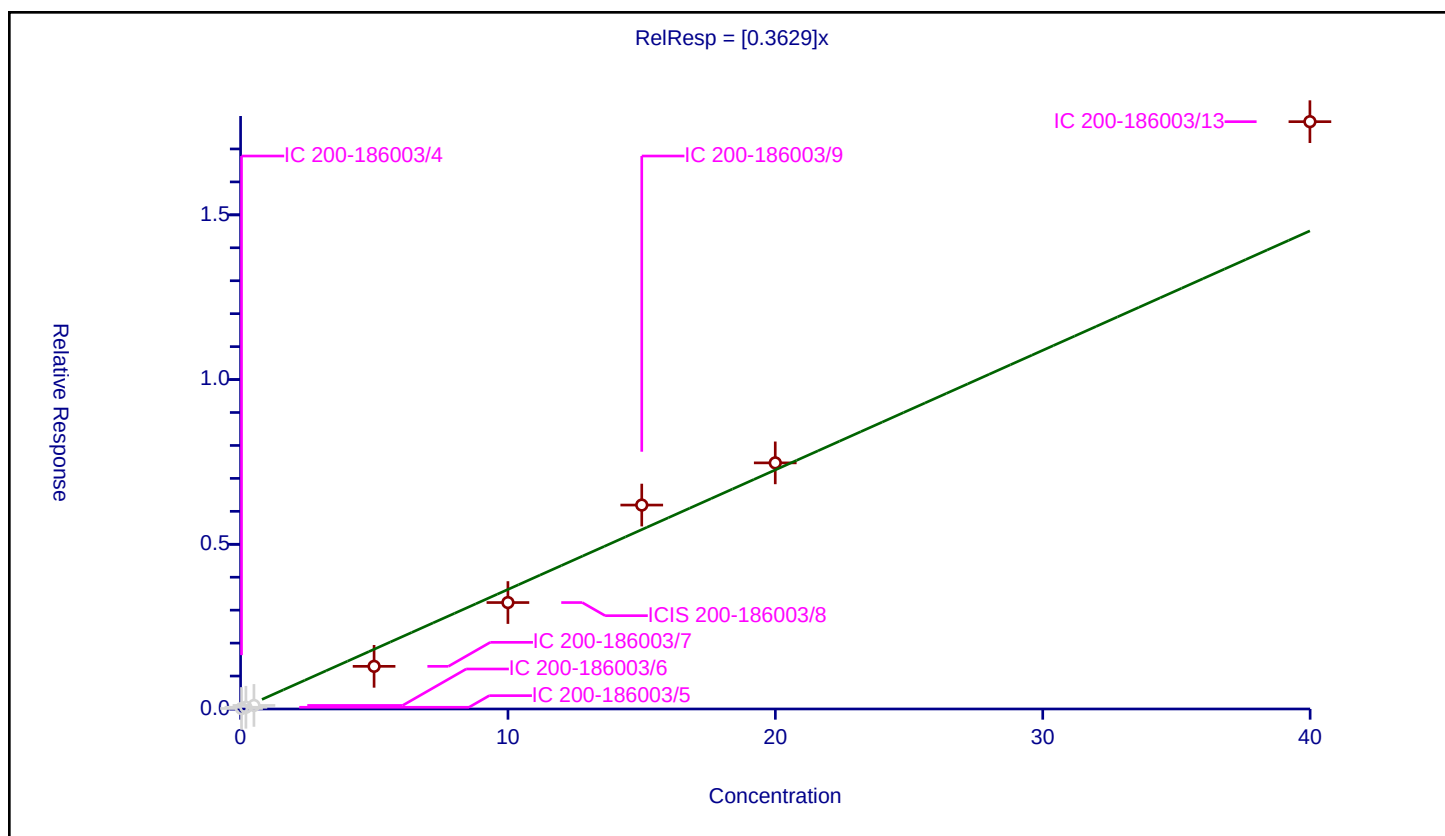
Curve Coefficients

Intercept: 0
Slope: 0.3629

Error Coefficients

Standard Error: 1100000
Relative Standard Error: 20.3
Correlation Coefficient: 0.983
Coefficient of Determination (Adjusted): 0.935

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.014728	10.0	800504.0	0.419883	N
2	IC 200-186003/5	0.20044	0.052043	10.0	822016.0	0.259643	N
3	IC 200-186003/6	0.500453	0.107789	10.0	873376.0	0.215382	N
4	IC 200-186003/7	4.992563	1.294635	10.0	816207.0	0.259313	Y
5	ICIS 200-186003/8	9.99806	3.231295	10.0	843374.0	0.323192	Y
6	IC 200-186003/9	15.003557	6.190562	10.0	783861.0	0.412606	Y
7	IC 200-186003/12	19.99612	7.470981	10.0	926640.0	0.373622	Y
8	IC 200-186003/13	39.99224	17.828675	10.0	1123139.0	0.445803	Y



Calibration

/ Dodecane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

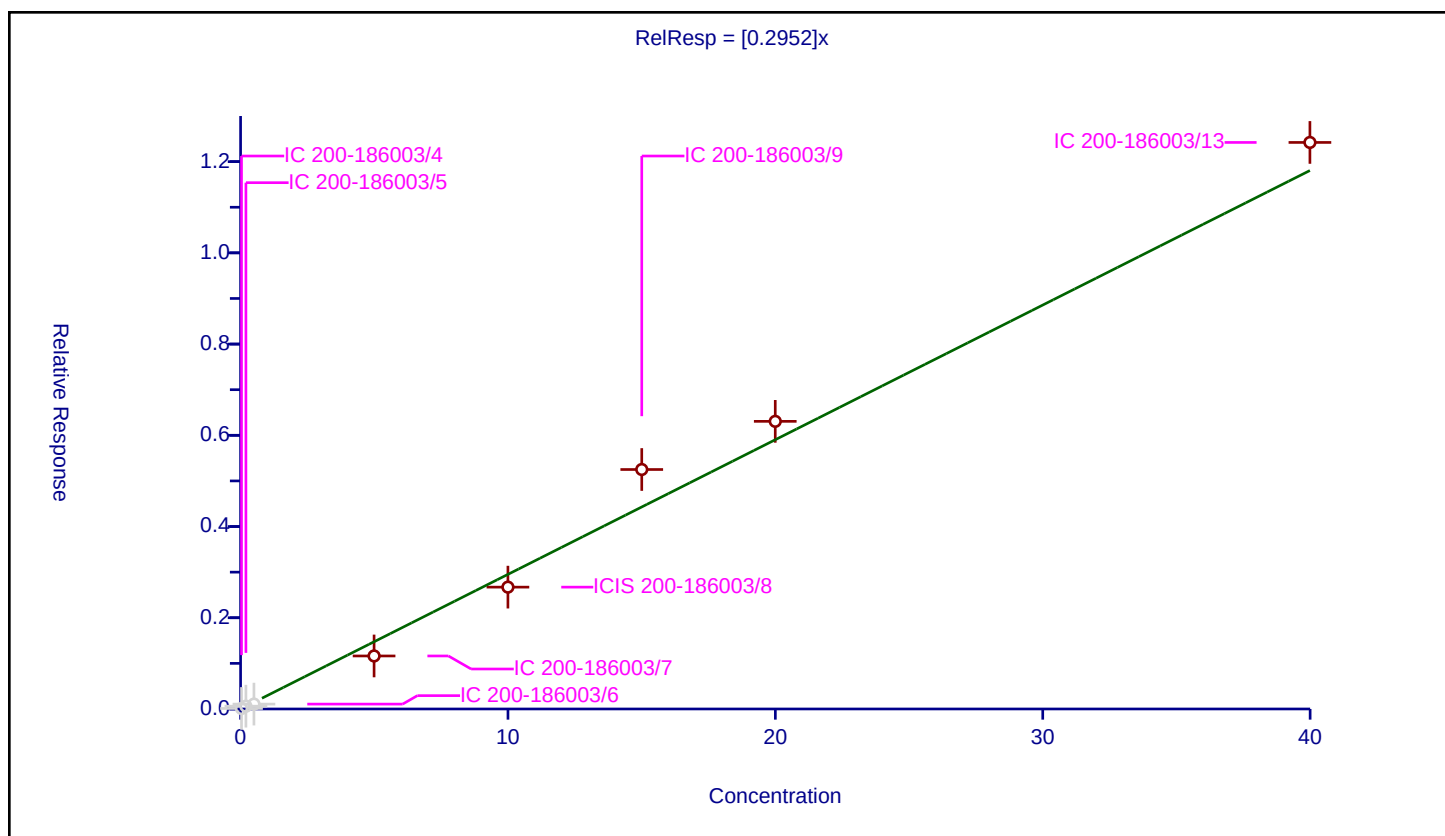
Curve Coefficients

Intercept: 0
 Slope: 0.2952

Error Coefficients

Standard Error: 793000
 Relative Standard Error: 15.4
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.957

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.011293	10.0	800504.0	0.321946	N
2	IC 200-186003/5	0.20044	0.061228	10.0	822016.0	0.305466	N
3	IC 200-186003/6	0.500453	0.107182	10.0	873376.0	0.21417	N
4	IC 200-186003/7	4.992563	1.162352	10.0	816207.0	0.232817	Y
5	ICIS 200-186003/8	9.99806	2.671555	10.0	843374.0	0.267207	Y
6	IC 200-186003/9	15.003557	5.250344	10.0	783861.0	0.34994	Y
7	IC 200-186003/12	19.99612	6.306095	10.0	926640.0	0.315366	Y
8	IC 200-186003/13	39.99224	12.42044	10.0	1123139.0	0.310571	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

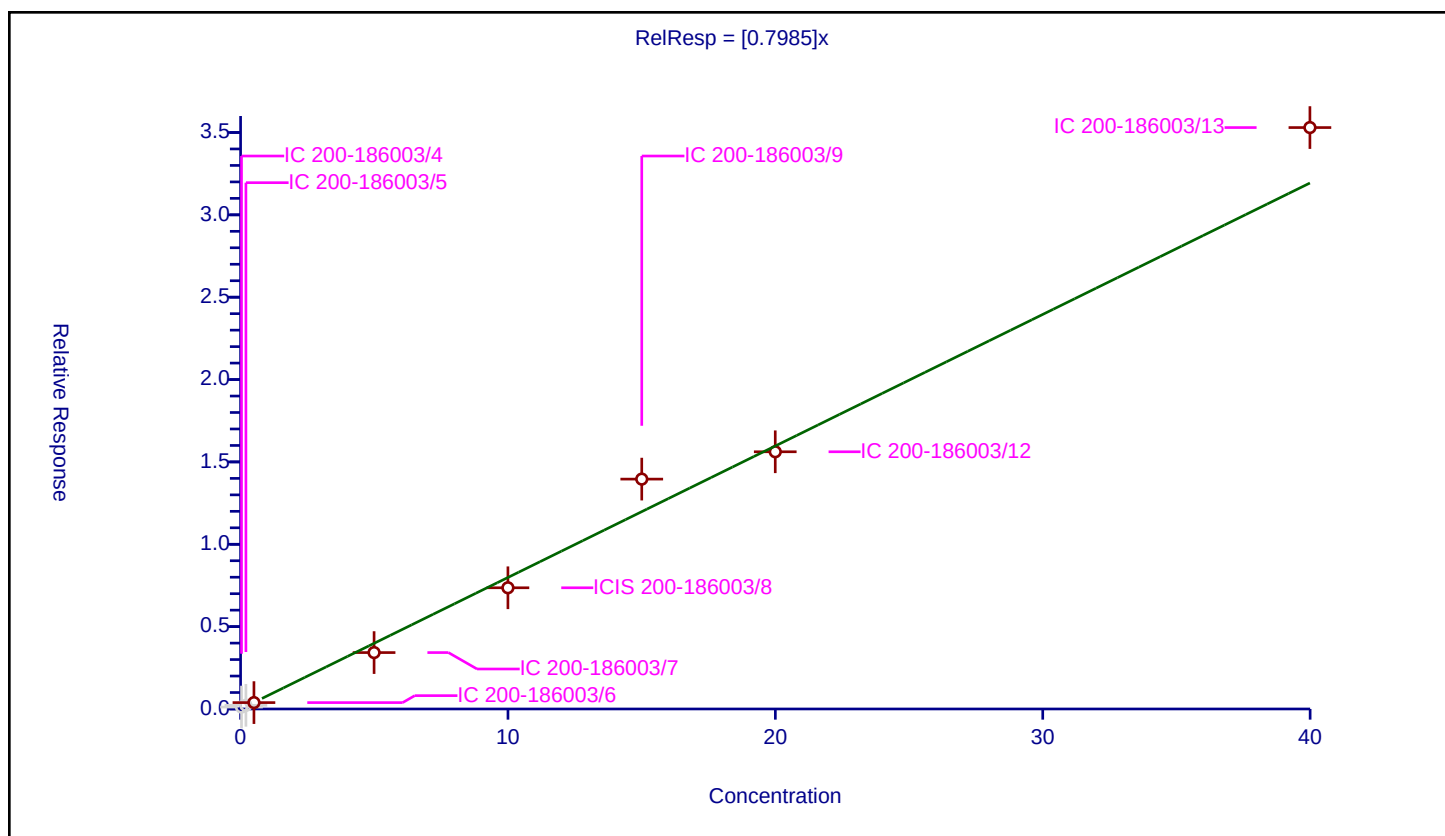
Curve Coefficients

Intercept: 0
 Slope: 0.7985

Error Coefficients

Standard Error: 1970000
 Relative Standard Error: 11.5
 Correlation Coefficient: 0.977
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.116839	10.0	800504.0	3.330932	N
2	IC 200-186003/5	0.20044	0.222952	10.0	822016.0	1.112314	N
3	IC 200-186003/6	0.500453	0.387714	10.0	873376.0	0.774727	Y
4	IC 200-186003/7	4.992563	3.425491	10.0	816207.0	0.686119	Y
5	ICIS 200-186003/8	9.99806	7.35957	10.0	843374.0	0.7361	Y
6	IC 200-186003/9	15.003557	13.956582	10.0	783861.0	0.930218	Y
7	IC 200-186003/12	19.99612	15.615849	10.0	926640.0	0.780944	Y
8	IC 200-186003/13	39.99224	35.298863	10.0	1123139.0	0.882643	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

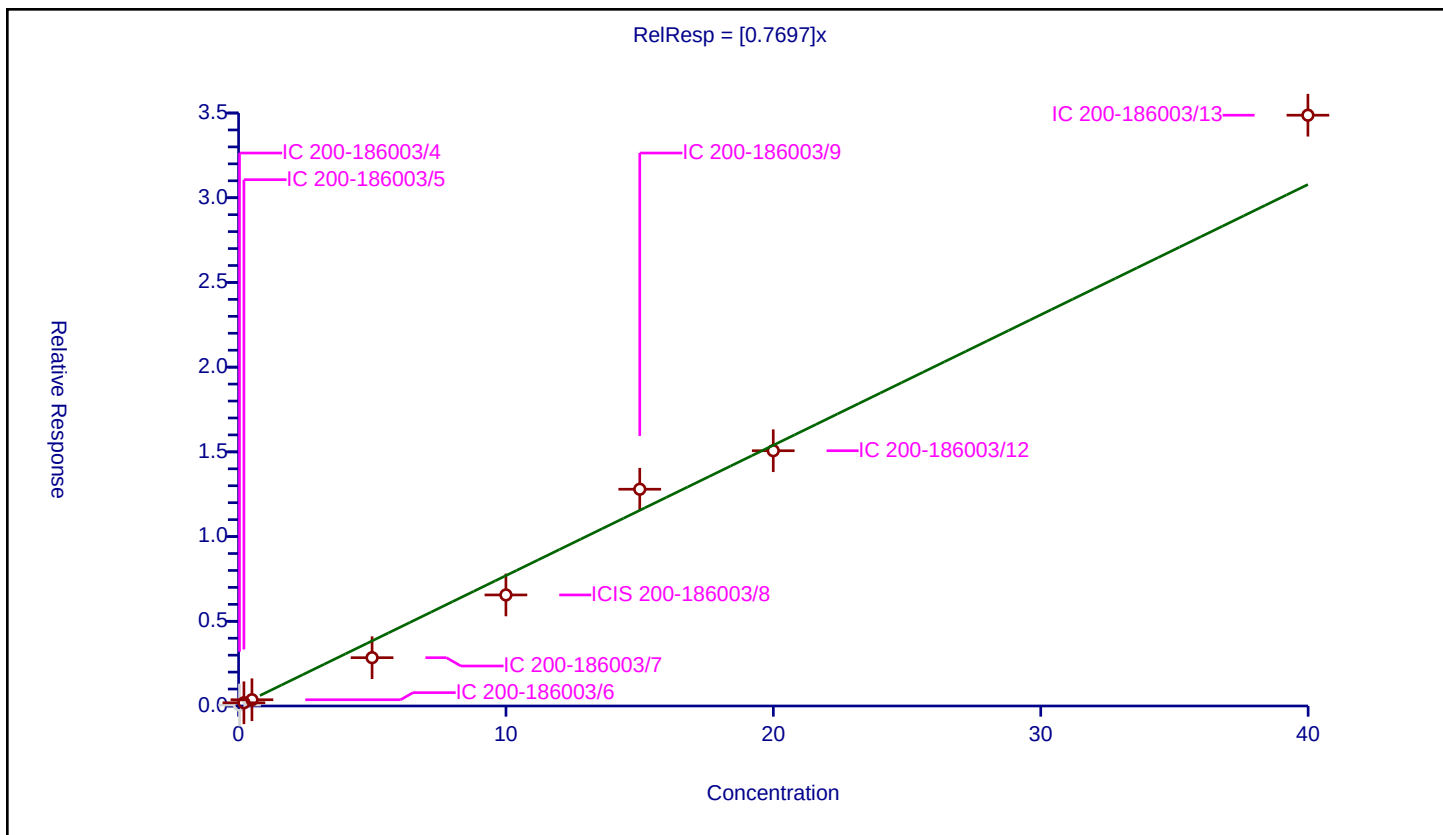
Curve Coefficients

Intercept: 0
 Slope: 0.7697

Error Coefficients

Standard Error: 1760000
 Relative Standard Error: 17.0
 Correlation Coefficient: 0.969
 Coefficient of Determination (Adjusted): 0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.055253	10.0	800504.0	1.575186	N
2	IC 200-186003/5	0.20044	0.189558	10.0	822016.0	0.945713	Y
3	IC 200-186003/6	0.500453	0.368913	10.0	873376.0	0.737159	Y
4	IC 200-186003/7	4.992563	2.850858	10.0	816207.0	0.571021	Y
5	ICIS 200-186003/8	9.99806	6.554138	10.0	843374.0	0.655541	Y
6	IC 200-186003/9	15.003557	12.793429	10.0	783861.0	0.852693	Y
7	IC 200-186003/12	19.99612	15.066444	10.0	926640.0	0.753468	Y
8	IC 200-186003/13	39.99224	34.871445	10.0	1123139.0	0.871955	Y



Calibration

/ Naphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

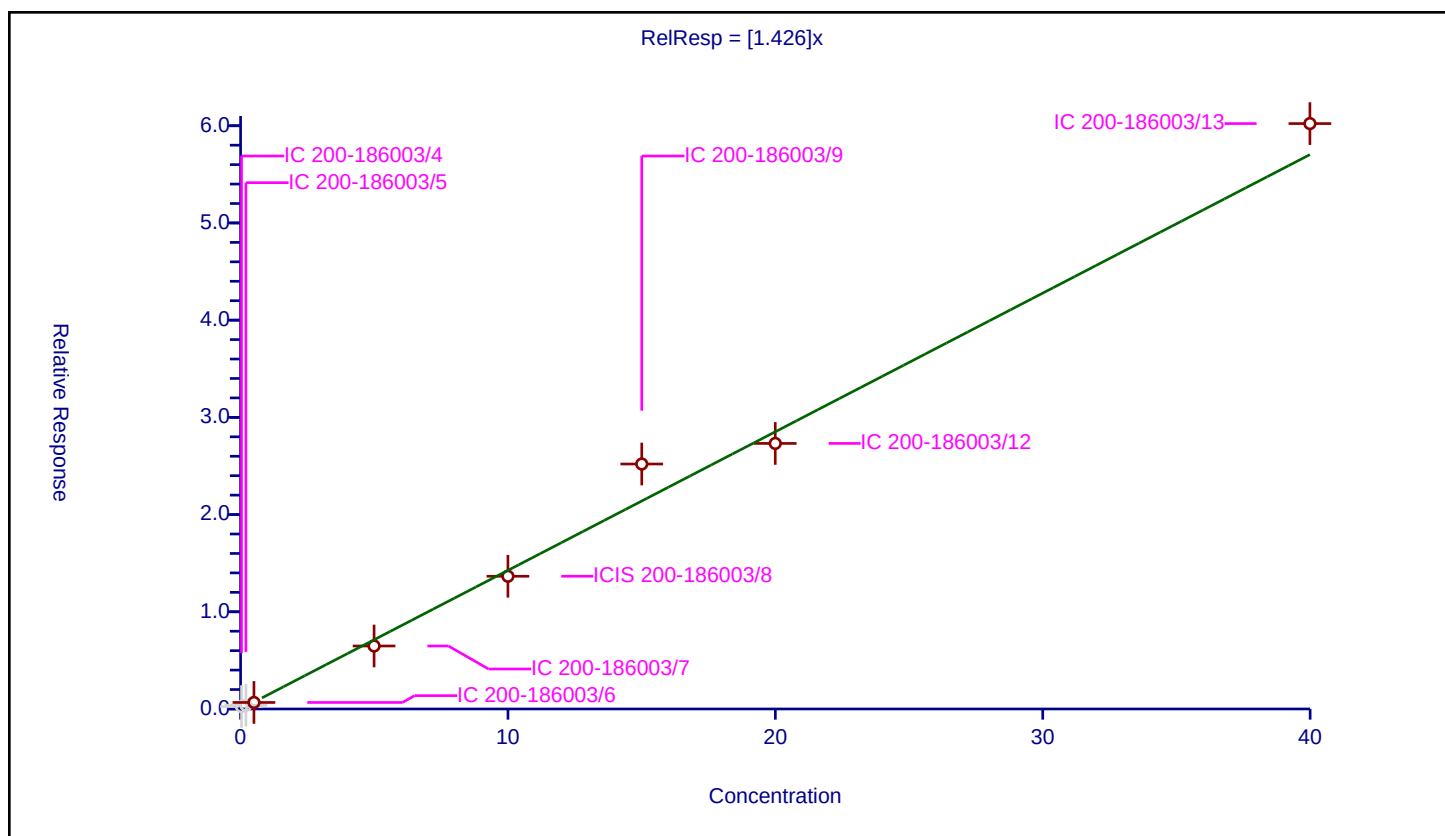
Curve Coefficients

Intercept: 0
Slope: 1.426

Error Coefficients

Standard Error: 3400000
Relative Standard Error: 10.0
Correlation Coefficient: 0.981
Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.250854	10.0	800504.0	7.151549	N
2	IC 200-186003/5	0.20044	0.3888	10.0	822016.0	1.939737	N
3	IC 200-186003/6	0.500453	0.67096	10.0	873376.0	1.340706	Y
4	IC 200-186003/7	4.992563	6.481224	10.0	816207.0	1.298176	Y
5	ICIS 200-186003/8	9.99806	13.653361	10.0	843374.0	1.365601	Y
6	IC 200-186003/9	15.003557	25.200807	10.0	783861.0	1.679656	Y
7	IC 200-186003/12	19.99612	27.319013	10.0	926640.0	1.366216	Y
8	IC 200-186003/13	39.99224	60.221985	10.0	1123139.0	1.505842	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

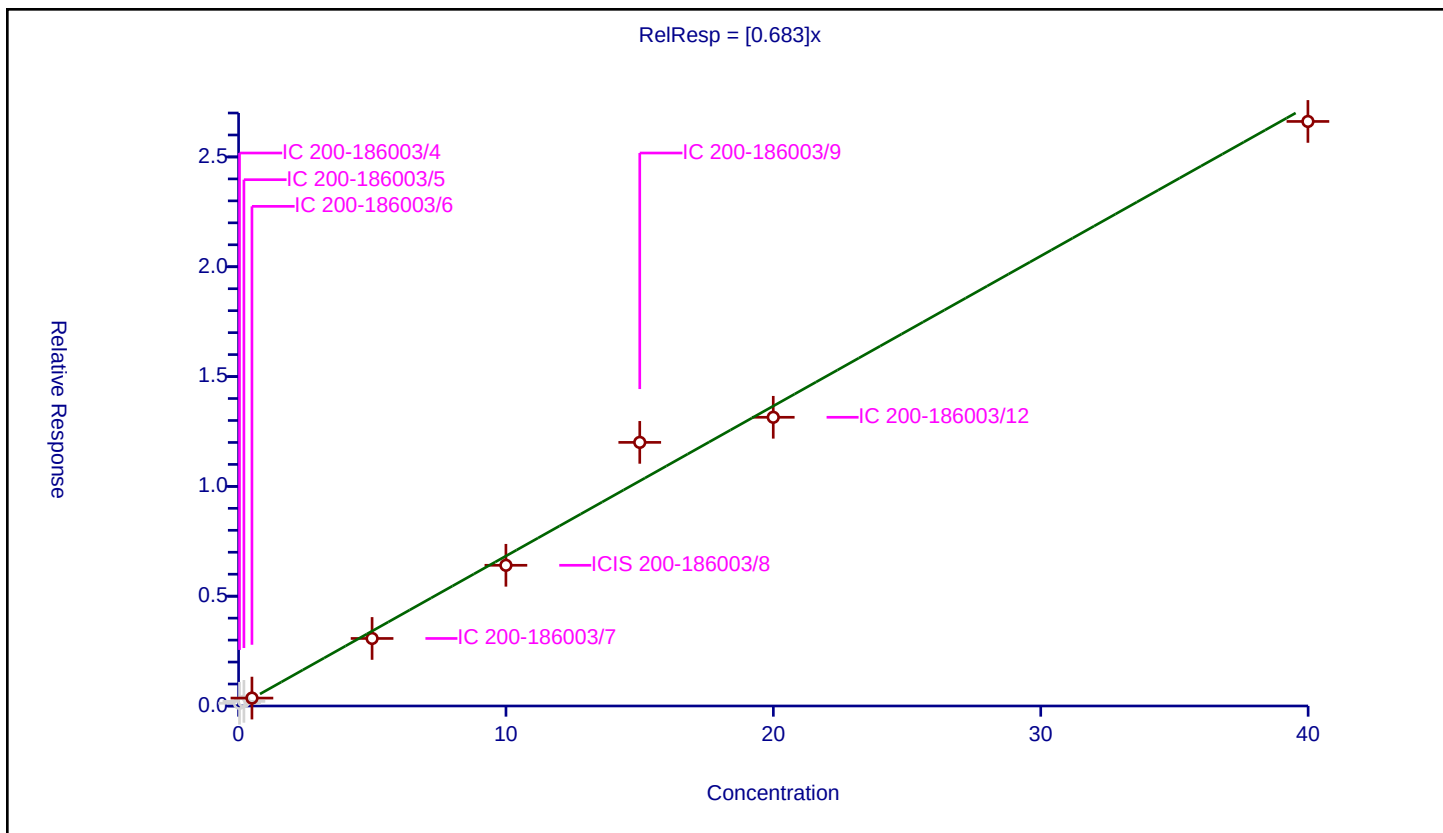
Curve Coefficients

Intercept: 0
 Slope: 0.683

Error Coefficients

Standard Error: 1530000
 Relative Standard Error: 9.8
 Correlation Coefficient: 0.989
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186003/4	0.035077	0.124784	10.0	800504.0	3.557433	N
2	IC 200-186003/5	0.20044	0.210787	10.0	822016.0	1.051621	N
3	IC 200-186003/6	0.500453	0.359421	10.0	873376.0	0.718193	Y
4	IC 200-186003/7	4.992563	3.074637	10.0	816207.0	0.615843	Y
5	ICIS 200-186003/8	9.99806	6.406742	10.0	843374.0	0.640799	Y
6	IC 200-186003/9	15.003557	12.002804	10.0	783861.0	0.799997	Y
7	IC 200-186003/12	19.99612	13.145774	10.0	926640.0	0.657416	Y
8	IC 200-186003/13	39.99224	26.615993	10.0	1123139.0	0.665529	Y



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

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186261

SDG No.: _____

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

Calibration Start Date: 12/01/2022 15:47 Calibration End Date: 12/01/2022 23:39 Calibration ID: 49486

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-186261/4	53510-004.d
Level 2	IC 200-186261/5	53510-005.d
Level 3	IC 200-186261/6	53510-006.d
Level 4	IC 200-186261/7	53510-007.d
Level 5	ICIS 200-186261/8	53510-008.d
Level 6	IC 200-186261/9	53510-009.d
Level 7	IC 200-186261/12	53510-012.d
Level 8	IC 200-186261/13	53510-013.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Propylene	+++++ 0.9603	+++++ 0.9549	+++++ 0.9468	1.0285	0.9998	Ave		0.978 1				3.6		30.0			
Dichlorodifluoromethane	+++++ 4.3802	+++++ 4.3609	+++++ 4.2946	4.6130	4.4991	Ave		4.591 7				9.0		30.0			
Chlorodifluoromethane	+++++ 2.0105	+++++ 2.0260	+++++ 1.9816	2.1884	2.1062	Ave		2.133 3				8.9		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 4.7813	+++++ 4.8065	+++++ 4.7280	5.0903	4.9756	Ave		5.271 9				14.8		30.0			
Chloromethane	+++++ 1.1729	+++++ 1.1932	+++++ 1.1648	1.2502	1.2345	Ave		1.257 3				10.9		30.0			
Vinyl chloride	2.8893 1.4222	2.2052 1.4418	1.8655 1.3840	1.5122	1.4884	Ave		1.776 1				29.9		30.0			
n-Butane	+++++ 1.5819	+++++ 1.5705	+++++ 1.5122	1.6774	1.6436	Ave		1.672 4				11.6		30.0			
1,3-Butadiene	2.3360 0.9842	1.6467 1.0003	1.2575 0.9747	1.0611	1.0401	Ave		1.287 6				37.3	*	30.0			
Bromomethane	+++++ 1.7443	2.6805 1.7547	2.3412 1.7480	1.8722	1.8126	Ave		1.993 4				18.5		30.0			
Chloroethane	+++++ 0.7777	+++++ 0.7875	+++++ 0.7875	0.8670	0.8165	Ave		0.883 4				21.4		30.0			
Isopentane	+++++ 1.2424	2.1620 1.2630	1.8873 1.2365	1.3549	1.3159	Ave		1.494 6				25.0		30.0			
Bromoethene (Vinyl Bromide)	+++++ 1.7615	2.5621 1.7807	2.4032 1.7635	1.8946	1.8130	Ave		1.996 9				16.9		30.0			
Trichlorofluoromethane	+++++ 3.8579	5.5467 3.8653	4.8221 3.8606	4.1148	4.0119	Ave		4.297 0				15.1		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186261

SDG No.: _____

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

Calibration Start Date: 12/01/2022 15:47 Calibration End Date: 12/01/2022 23:39 Calibration ID: 49486

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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	++++ 1.6989	++++ 1.7214	2.5498 1.6803	1.8527	1.7795	Ave		1.880 4				17.8		30.0			
Ethanol	++++ 0.4562	++++ 0.4783	0.4519 0.4388	0.5298	0.4640	Ave		0.469 8				6.8		30.0			
Ethyl ether	++++ 0.8329	1.1290 0.8539	1.1826 0.8228	0.9213	0.8428	Ave		0.940 8				16.1		30.0			
Acrolein	++++ 0.4704	++++ 0.4881	++++ 0.4798	0.5061	0.4821	Ave		0.485 3				2.7		30.0			
1,1-Dichloroethene	2.9200 1.4993	2.3356 1.5180	2.0067 1.4783	1.5963	1.5589	Ave		1.864 1				28.1		30.0			
1,1,2-Trichlorotrifluoroethane	++++ 3.0621	4.6913 3.0608	3.9680 2.9741	3.2838	3.1506	Ave		3.455 8				18.5		30.0			
Acetone	++++ 1.2855	++++ 1.2838	++++ 1.2449	1.3933	1.3467	Ave		1.310 8				4.5		30.0			
Isopropyl alcohol	++++ 1.4992	++++ 1.5255	++++ 1.4074	1.6486	1.5758	Ave		1.531 3				5.9		30.0			
Carbon disulfide	++++ 3.5125	++++ 3.5759	4.4397 3.5145	3.6609	3.5924	Ave		3.716 0				9.7		30.0			
Acetonitrile	++++ 1.0808	++++ 1.0846	++++ 1.0501	1.1641	1.1448	Ave		1.104 9				4.3		30.0			
3-Chloropropene	++++ 1.0646	1.8556 1.0775	1.2948 1.0457	1.1317	1.1312	Ave		1.228 7				23.5		30.0			
Methylene Chloride	++++ 0.9235	++++ 0.9281	1.3267 0.9135	1.0214	0.9573	Ave		1.011 7				15.7		30.0			
tert-Butyl alcohol	++++ 2.0161	++++ 2.0343	++++ 1.9294	2.1260	2.1003	Ave		2.041 2				3.8		30.0			
Acrylonitrile	++++ 0.5822	++++ 0.5891	0.6324 0.5955	0.6085	0.5804	Ave		0.598 0				3.3		30.0			
trans-1,2-Dichloroethene	2.3492 1.3701	1.9996 1.3792	1.8486 1.3240	1.4130	1.4359	Ave		1.639 9				23.2		30.0			
Methyl tert-butyl ether	++++ 3.1465	4.3952 3.1523	3.7743 3.0311	3.3337	3.2558	Ave		3.441 3				14.1		30.0			
n-Hexane	++++ 1.3637	2.2068 1.3633	1.7467 1.3261	1.4257	1.4149	Ave		1.549 6				20.8		30.0			
1,1-Dichloroethane	2.4897 1.6528	2.6157 1.6742	2.0213 1.5885	1.7424	1.7317	Ave		1.939 5				20.7		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186261

SDG No.: _____

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

Calibration Start Date: 12/01/2022 15:47 Calibration End Date: 12/01/2022 23:39 Calibration ID: 49486

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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	++++ 1.9254	++++ 1.9259	++++ 1.8480	2.0261	1.9648	Ave		1.938 0				3.4		30.0			
Methyl Ethyl Ketone	++++ 0.5475	++++ 0.5394	0.5916 0.5206	0.6073	0.5812	Ave		0.564 6				6.0		30.0			
cis-1,2-Dichloroethene	1.6247 1.2931	2.0476 1.3111	1.4925 1.2742	1.3380	1.3203	Ave		1.462 7				18.1		30.0			
Ethyl acetate	++++ 0.1162	++++ 0.1181	++++ 0.1138	0.1424	0.1075	Ave		0.119 6				11.2		30.0			
Tetrahydrofuran	++++ 0.1543	++++ 0.1644	++++ 0.1572	0.1636	0.1604	Ave		0.160 0				2.7		30.0			
Chloroform	++++ 2.3660	3.5855 2.3943	2.9354 2.3450	2.4339	2.4213	Ave		2.640 2				17.6		30.0			
1,1,1-Trichloroethane	++++ 0.5323	0.8307 0.5561	0.6352 0.5514	0.5493	0.5529	Ave		0.601 1				17.7		30.0			
Cyclohexane	++++ 0.3172	0.5266 0.3274	0.3826 0.3241	0.3313	0.3350	Ave		0.363 5				20.7		30.0			
Carbon tetrachloride	0.9374 0.5937	0.8870 0.6154	0.7308 0.6123	0.6132	0.6147	Ave		0.700 6				19.7		30.0			
Benzene	++++ 0.7083	1.1129 0.7358	0.8452 0.7172	0.7369	0.7399	Ave		0.799 4				18.2		30.0			
1,2-Dichloroethane	++++ 0.2785	0.4329 0.2899	0.4173 0.2887	0.2887	0.2910	Ave		0.326 7				20.7		30.0			
2,2,4-Trimethylpentane	++++ 0.8913	1.3527 0.9182	1.0936 0.8848	0.9452	0.9381	Ave		1.003 4				16.9		30.0			
n-Heptane	++++ 0.2729	0.4759 0.2814	0.3525 0.2691	0.2916	0.2927	Ave		0.319 5				23.3		30.0			
n-Butanol	++++ 0.1300	++++ 0.1363	++++ 0.1262	0.1336	0.1391	Ave		0.133 0				3.8		30.0			
Trichloroethene	0.5683 0.3468	0.5668 0.3576	0.4188 0.3498	0.3646	0.3605	Ave		0.416 6				23.0		30.0			
1,2-Dichloropropane	++++ 0.2130	0.3470 0.2213	0.2515 0.2066	0.2301	0.2304	Ave		0.242 8				19.8		30.0			
Methyl methacrylate	++++ 0.2258	++++ 0.2338	0.2381 0.2289	0.2350	0.2380	Ave		0.233 3				2.1		30.0			
1,4-Dioxane	++++ 0.1561	0.2571 0.1623	0.2581 0.1407	0.1736	0.1726	Ave		0.188 6				25.7		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186261

SDG No.: _____

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

Calibration Start Date: 12/01/2022 15:47 Calibration End Date: 12/01/2022 23:39 Calibration ID: 49486

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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	++++ 0.4315	0.6742 0.4411	0.5599 0.4281	0.4496	0.4536	Ave		0.491 2				18.8		30.0			
Bromodichloromethane	++++ 0.5234	0.7828 0.5388	0.6684 0.5321	0.5396	0.5442	Ave		0.589 9				16.7		30.0			
cis-1,3-Dichloropropene	++++ 0.4322	0.6379 0.4476	0.5599 0.4452	0.4466	0.4541	Ave		0.489 1				16.1		30.0			
methyl isobutyl ketone	++++ 0.3515	++++ 0.3607	0.3865 0.3521	0.3579	0.3670	Ave		0.362 6				3.6		30.0			
Toluene	++++ 0.6437	0.9793 0.6605	0.8250 0.6246	0.6734	0.6706	Ave		0.725 3				17.9		30.0			
n-Octane	++++ 0.3718	0.6122 0.3821	0.4842 0.3562	0.4113	0.3987	Ave		0.430 9				20.9		30.0			
trans-1,3-Dichloropropene	++++ 0.3806	0.5060 0.3993	0.4107 0.3945	0.3963	0.4051	Ave		0.413 2				10.2		30.0			
1,1,2-Trichloroethane	++++ 0.2834	0.4443 0.2945	0.4006 0.2854	0.3004	0.2941	Ave		0.329 0				19.9		30.0			
Tetrachloroethene	1.1211 0.7163	1.0846 0.7356	0.8617 0.6980	0.7503	0.7344	Ave		0.837 7				20.4		30.0			
Methyl Butyl Ketone (2-Hexanone)	++++ 0.3787	++++ 0.3955	0.3718 0.3791	0.3851	0.3908	Ave		0.383 5				2.3		30.0			
Dibromochloromethane	++++ 0.7728	1.0443 0.7964	0.8663 0.7706	0.7864	0.7852	Ave		0.831 7				11.9		30.0			
1,2-Dibromoethane	++++ 0.6014	0.8692 0.6246	0.6846 0.6094	0.6349	0.6286	Ave		0.664 7				14.2		30.0			
Chlorobenzene	++++ 0.9584	1.4585 0.9827	1.2213 0.9456	1.0125	0.9958	Ave		1.082 1				17.6		30.0			
Ethylbenzene	++++ 1.3902	2.0626 1.4399	1.7134 1.3689	1.4892	1.4628	Ave		1.561 0				15.9		30.0			
m,p-Xylene	++++ 0.5831	0.9128 0.5963	0.7260 0.5581	0.6486	0.6196	Ave		0.663 5				18.5		30.0			
n-Nonane	++++ 0.4903	0.8393 0.5048	0.6723 0.4663	0.5606	0.5247	Ave		0.579 8				22.9		30.0			
Xylene, o-	++++ 0.5792	0.9101 0.5952	0.8000 0.5541	0.6373	0.6152	Ave		0.670 2				19.8		30.0			
Styrene	++++ 0.9099	1.3541 0.9380	1.0715 0.8820	0.9830	0.9724	Ave		1.015 8				15.9		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186261

SDG No.: _____

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

Calibration Start Date: 12/01/2022 15:47 Calibration End Date: 12/01/2022 23:39 Calibration ID: 49486

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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	++++ 0.8783	1.0560 0.9046	0.9805 0.8742	0.8804	0.8635	Ave		0.919 7				7.8		30.0			
Cumene	++++ 1.6706	2.5495 1.7197	2.1439 1.6298	1.8301	1.7640	Ave		1.901 1				17.5		30.0			
1,1,2,2-Tetrachloroethane	++++ 0.7398	1.1367 0.7639	0.9571 0.7186	0.7917	0.7777	Ave		0.840 8				18.1		30.0			
1,2,3-Trichloropropane	++++ 0.5576	++++ 0.5785	0.6638 0.5532	0.5987	0.5841	Ave		0.589 3				6.8		30.0			
n-Propylbenzene	++++ 1.8623	2.7033 1.9100	2.3067 1.8008	2.0053	1.9413	Ave		2.075 7				15.5		30.0			
2-Chlorotoluene	++++ 1.1725	1.7992 1.2040	1.4441 1.1448	1.2708	1.2280	Ave		1.323 3				17.5		30.0			
4-Ethyltoluene	++++ 1.6439	2.4015 1.6890	1.9432 1.5911	1.7972	1.7225	Ave		1.826 9				15.2		30.0			
1,3,5-Trimethylbenzene	++++ 1.3903	2.1360 1.4272	1.7052 1.3382	1.5289	1.4639	Ave		1.570 0				17.6		30.0			
n-Decane	++++ 0.6084	++++ 0.6189	0.8420 0.5579	0.6977	0.6514	Ave		0.662 7				15.0		30.0			
Alpha Methyl Styrene	++++ 0.7769	1.0622 0.7981	0.9324 0.7415	0.8407	0.8095	Ave		0.851 6				13.0		30.0			
tert-Butylbenzene	++++ 1.3815	2.2118 1.4055	1.7861 1.3079	1.5414	1.4636	Ave		1.585 4				20.0		30.0			
1,2,4-Trimethylbenzene	++++ 1.3606	2.1551 1.3976	1.7895 1.3134	1.5237	1.4500	Ave		1.570 0				19.2		30.0			
sec-Butylbenzene	++++ 1.9252	3.2194 1.9713	2.4845 1.8104	2.1865	2.0560	Ave		2.236 2				21.7		30.0			
1,3-Dichlorobenzene	++++ 1.0609	1.5572 1.0912	1.2639 1.0292	1.1297	1.1032	Ave		1.176 5				15.6		30.0			
4-Isopropyltoluene	++++ 1.7370	2.7196 1.7846	2.1743 1.6441	1.9411	1.8349	Ave		1.976 5				18.7		30.0			
1,4-Dichlorobenzene	++++ 1.0296	1.5249 1.0603	1.1834 1.0138	1.0711	1.0650	Ave		1.135 5				15.9		30.0			
Benzyl chloride	++++ 1.1464	1.2514 1.1864	1.1925 1.1579	1.1698	1.1816	Ave		1.183 7				2.9		30.0			
n-Butylbenzene	++++ 1.3821	2.1542 1.4092	1.7263 1.2870	1.5395	1.4840	Ave		1.568 9				18.7		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186261

SDG No.: _____

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

Calibration Start Date: 12/01/2022 15:47 Calibration End Date: 12/01/2022 23:39 Calibration ID: 49486

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
1,2-Dichlorobenzene	+++++ 0.9756	1.5917 0.9866	1.2343 0.9136	1.0817	1.0386	Ave		1.117 5				20.8		30.0			
n-Undecane	+++++ 0.6351	+++++ 0.6540	+++++ 0.5901	0.7153	0.6795	Ave		0.654 8				7.2		30.0			
n-Dodecane	+++++ 0.5349	+++++ 0.5548	+++++ 0.5103	0.5495	0.5484	Ave		0.539 6				3.3		30.0			
1,2,4-Trichlorobenzene	+++++ 0.7122	+++++ 0.7528	0.7636 0.7748	0.6613	0.7211	Ave		0.731 0				5.7		30.0			
Hexachlorobutadiene	+++++ 0.9734	1.7623 1.0113	1.3008 0.9628	1.0144	0.9971	Ave		1.146 0				25.8		30.0			
Naphthalene	+++++ 1.2535	+++++ 1.3132	1.2846 1.3471	1.1463	1.2668	Ave		1.268 6				5.4		30.0			
1,2,3-Trichlorobenzene	+++++ 0.5504	+++++ 0.5772	0.7076 0.5914	0.5312	0.5618	Ave		0.586 6				10.7		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186261

SDG No.: _____

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

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Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-186261/4	53510-004.d
Level 2	IC 200-186261/5	53510-005.d
Level 3	IC 200-186261/6	53510-006.d
Level 4	IC 200-186261/7	53510-007.d
Level 5	ICIS 200-186261/8	53510-008.d
Level 6	IC 200-186261/9	53510-009.d
Level 7	IC 200-186261/12	53510-012.d
Level 8	IC 200-186261/13	53510-013.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	++++ 106367	++++ 142532	++++ 288075	35647	70910	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	++++ 485155	++++ 650908	18830 1306694	159883	319098	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Chlorodifluoromethane	BCM	Ave	++++ 222679	++++ 302402	8668 602940	75848	149384	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 529585	8628 717421	19581 1438579	176428	352896	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 129913	++++ 178103	5326 354399	43332	87557	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	658 157525	2756 215210	6502 421111	52412	105563	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 175216	++++ 234410	7141 460102	58138	116574	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	532 109014	2058 149300	4383 296569	36777	73771	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 193195	3350 261913	8160 531855	64890	128560	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 86134	++++ 117540	4406 239623	30050	57908	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 137604	2702 188514	6578 376230	46961	93332	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 195105	3202 265784	8376 536585	65666	128591	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	++++ 427299	6932 576944	16807 1174641	142615	284547	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

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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-Pentane	BCM	Ave	++++ 188170	++++ 256945	8887 511253	64214	126214	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 67512	++++ 142815	15771 333798	36750	49380	++++ 20.0	++++ 40.0	5.01 100.0	9.99	15.0
Ethyl ether	BCM	Ave	++++ 92258	1411 127454	4122 250354	31933	59773	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	++++ 52107	++++ 72848	++++ 145978	17541	34192	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	665 166063	2919 226580	6994 449792	55328	110568	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichlorotrifluoroethane	BCM	Ave	++++ 339158	5863 456851	13830 904910	113815	223455	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	++++ 142384	++++ 191625	++++ 378766	48290	95516	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	++++ 166053	++++ 227698	++++ 428236	57139	111763	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	++++ 389044	++++ 533743	15474 1069349	126883	254790	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	++++ 119715	++++ 161885	++++ 319504	40348	81194	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	++++ 117918	2319 160826	4513 318167	39223	80229	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	++++ 102285	++++ 138522	4624 277948	35401	67895	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	++++ 223310	++++ 303639	++++ 587064	73686	148963	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	++++ 64485	++++ 87937	2204 181175	21089	41168	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	535 151748	2499 205865	6443 402861	48972	101843	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	++++ 348512	5493 470523	13155 922243	115545	230918	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	++++ 151040	2758 203489	6088 403492	49414	100355	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	567 183060	3269 249891	7045 483311	60389	122819	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00

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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-65967-1 Analy Batch No.: 186261

SDG No.: _____

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

Calibration Start Date: 12/01/2022 15:47 Calibration End Date: 12/01/2022 23:39 Calibration ID: 49486

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
Vinyl acetate	BCM	Ave	++++ 213258	++++ 287464	++++ 562274	70223	139353	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	++++ 60644	++++ 80504	2062 158412	21047	41225	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	370 143224	2559 195697	5202 387683	46375	93645	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	++++ 12865	++++ 17630	++++ 34626	4935	7626	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Tetrahydrofuran	DFBZ	Ave	++++ 85132	++++ 118036	++++ 229221	28014	55774	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Chloroform	BCM	Ave	++++ 262055	4481 357376	10231 713501	84358	171731	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFBZ	Ave	++++ 293803	5102 399192	10766 804097	94034	192261	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFBZ	Ave	++++ 175064	3234 234991	6486 472660	56713	116504	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFBZ	Ave	1054 327680	5448 441728	12387 892945	104976	213758	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFBZ	Ave	++++ 390905	6835 528174	14327 1045856	126158	257274	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFBZ	Ave	++++ 153728	2659 208089	7073 421084	49428	101176	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	++++ 491925	8308 659125	18536 1290306	161817	326203	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFBZ	Ave	++++ 150622	2923 202030	5975 392483	49924	101769	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFBZ	Ave	++++ 71755	++++ 97855	++++ 184074	22868	48366	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Trichloroethene	DFBZ	Ave	639 191390	3481 256707	7099 510138	62413	125354	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFBZ	Ave	++++ 117566	2131 158845	4263 301266	39395	80120	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFBZ	Ave	++++ 124637	++++ 167853	4036 333747	40239	82773	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFBZ	Ave	++++ 86127	1579 116471	4375 205138	29727	60028	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

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			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
Dibromomethane	DFBZ	Ave	+++++ 238137	4141 316664	9491 624343	76978	157738	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFBZ	Ave	+++++ 288867	4808 386744	11329 775981	92386	189236	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	+++++ 238521	3918 321293	9490 649180	76459	157887	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFBZ	Ave	+++++ 194000	+++++ 258957	6551 513514	61273	127627	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBNZ d5	Ave	+++++ 312185	5338 418082	12319 812656	102493	207945	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFBZ	Ave	+++++ 205200	3760 274269	8207 519481	70413	138635	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFBZ	Ave	+++++ 210054	3108 286653	6962 575318	67855	140863	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 137443	2422 186415	5981 371360	45715	91192	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Tetrachloroethene	CBNZ d5	Ave	1122 347428	5912 465621	12866 908066	114188	227720	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Butyl Ketone (2-Hexanone)	CBNZ d5	Ave	+++++ 183678	+++++ 250328	5552 493216	58606	121170	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBNZ d5	Ave	+++++ 374830	5692 504148	12935 1002639	119685	243456	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBNZ d5	Ave	+++++ 291671	4738 395372	10223 792888	96635	194923	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBNZ d5	Ave	+++++ 464835	7950 622060	18236 1230212	154093	308768	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBNZ d5	Ave	+++++ 674245	11243 911460	25584 1781025	226650	453568	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

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			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
m,p-Xylene	CBNZ d5	Ave	+++++	9951	21682	197425	384253	+++++	0.401	1.00	9.99	20.0
			565593	754954	1452236			30.0	40.0	80.0		
n-Nonane	CBNZ d5	Ave	+++++	4575	10039	85321	162679	+++++	0.200	0.500	4.99	10.00
			237796	319551	606669			15.0	20.0	40.0		
Xylene, o-	CBNZ d5	Ave	+++++	4961	11945	96989	190751	+++++	0.200	0.500	4.99	10.00
			280935	376761	720859			15.0	20.0	40.0		
Styrene	CBNZ d5	Ave	+++++	7381	16000	149613	301508	+++++	0.200	0.500	4.99	10.00
			441313	593743	1147503			15.0	20.0	40.0		
Bromoform	CBNZ d5	Ave	+++++	5756	14640	133999	267750	+++++	0.200	0.500	4.99	10.00
			425985	572659	1137375			15.0	20.0	40.0		
Cumene	CBNZ d5	Ave	+++++	13897	32012	278532	546973	+++++	0.200	0.500	4.99	10.00
			810243	1088577	2120498			15.0	20.0	40.0		
1,1,2,2-Tetrachloroethane	CBNZ d5	Ave	+++++	6196	14291	120495	241150	+++++	0.200	0.500	4.99	10.00
			358804	483579	934921			15.0	20.0	40.0		
1,2,3-Trichloropropane	CBNZ d5	Ave	+++++	+++++	9912	91123	181114	+++++	+++++	0.500	4.99	10.00
			270444	366216	719695			15.0	20.0	40.0		
n-Propylbenzene	CBNZ d5	Ave	+++++	14735	34443	305204	601933	+++++	0.200	0.500	4.99	10.00
			903203	1209056	2342868			15.0	20.0	40.0		
2-Chlorotoluene	CBNZ d5	Ave	+++++	9807	21563	193412	380748	+++++	0.200	0.500	4.99	10.00
			568667	762125	1489449			15.0	20.0	40.0		
4-Ethyltoluene	CBNZ d5	Ave	+++++	13090	29016	273526	534100	+++++	0.200	0.500	4.99	10.00
			797292	1069166	2070121			15.0	20.0	40.0		
1,3,5-Trimethylbenzene	CBNZ d5	Ave	+++++	11643	25462	232691	453908	+++++	0.200	0.500	4.99	10.00
			674283	903437	1741043			15.0	20.0	40.0		

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			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-Decane	CBNZ d5	Ave	+++++	+++++	12572	106186	201975	+++++	+++++	0.500	4.99	10.00
			295093	391800	725908			15.0	20.0	40.0		
Alpha Methyl Styrene	CBNZ d5	Ave	+++++	5790	13922	127956	250996	+++++	0.200	0.500	4.99	10.00
			376805	505228	964788			15.0	20.0	40.0		
tert-Butylbenzene	CBNZ d5	Ave	+++++	12056	26670	234598	453802	+++++	0.200	0.500	4.99	10.00
			670047	889727	1701628			15.0	20.0	40.0		
1,2,4-Trimethylbenzene	CBNZ d5	Ave	+++++	11747	26721	231907	449612	+++++	0.200	0.500	4.99	10.00
			659893	884680	1708816			15.0	20.0	40.0		
sec-Butylbenzene	CBNZ d5	Ave	+++++	17548	37098	332779	637512	+++++	0.200	0.500	4.99	10.00
			933708	1247898	2355411			15.0	20.0	40.0		
1,3-Dichlorobenzene	CBNZ d5	Ave	+++++	8488	18872	171939	342057	+++++	0.200	0.500	4.99	10.00
			514517	690735	1339081			15.0	20.0	40.0		
4-Isopropyltoluene	CBNZ d5	Ave	+++++	14824	32466	295429	568934	+++++	0.200	0.500	4.99	10.00
			842463	1129685	2139036			15.0	20.0	40.0		
1,4-Dichlorobenzene	CBNZ d5	Ave	+++++	8312	17670	163025	330216	+++++	0.200	0.500	4.99	10.00
			499377	671215	1319033			15.0	20.0	40.0		
Benzyl chloride	CBNZ d5	Ave	+++++	6821	17806	178045	366364	+++++	0.200	0.500	4.99	10.00
			556026	751030	1506417			15.0	20.0	40.0		
n-Butylbenzene	CBNZ d5	Ave	+++++	11742	25777	234304	460143	+++++	0.200	0.500	4.99	10.00
			670323	892074	1674428			15.0	20.0	40.0		
1,2-Dichlorobenzene	CBNZ d5	Ave	+++++	8676	18431	164630	322040	+++++	0.200	0.500	4.99	10.00
			473152	624544	1188698			15.0	20.0	40.0		
n-Undecane	CBNZ d5	Ave	+++++	+++++	+++++	108862	210699	+++++	+++++	+++++	4.99	10.00
			308006	413976	767719			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.: 200-65967-1 Analy Batch No.: 186261

SDG No.: _____

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

Calibration Start Date: 12/01/2022 15:47 Calibration End Date: 12/01/2022 23:39 Calibration ID: 49486

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-Dodecane	CBNZ d5	Ave	+++++	+++++	+++++	83630	170032	+++++	+++++	+++++	4.99	10.00
			259444	351221	663891			15.0	20.0	40.0		
1,2,4-Trichlorobenzene	CBNZ d5	Ave	+++++	+++++	11402	100642	223587	+++++	+++++	0.500	4.99	10.00
			345396	476549	1008097			15.0	20.0	40.0		
Hexachlorobutadiene	CBNZ d5	Ave	+++++	9606	19424	154385	309182	+++++	0.200	0.500	4.99	10.00
			472125	640190	1252601			15.0	20.0	40.0		
Naphthalene	CBNZ d5	Ave	+++++	+++++	19181	174456	392806	+++++	+++++	0.500	4.99	10.00
			607937	831256	1752589			15.0	20.0	40.0		
1,2,3-Trichlorobenzene	CBNZ d5	Ave	+++++	+++++	10565	80840	174208	+++++	+++++	0.500	4.99	10.00
			266945	365405	769431			15.0	20.0	40.0		

Curve Type Legend

Ave = Average ISTD

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-004.d
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 01-Dec-2022 15:47:30 ALS Bottle#: 4 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053510-004
 Misc. Info.: ic-1
 Operator ID: vtp Instrument ID: CHW.i
 Sublist: chrom-TO15_TO3_MasterMethod_W*sub5
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 02-Dec-2022 07:26:45 Calib Date: 01-Dec-2022 23:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-013.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1651

First Level Reviewer: BKZ7

Date: 02-Dec-2022 07:13:43

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	4.078	4.062	0.016	81	756	0.0351	0.1191	
2 Dichlorodifluoromethane	85	4.158	4.147	0.011	96	1724	0.0351	0.0578	
3 Chlorodifluoromethane	51	4.201	4.185	0.016	93	833	0.0351	0.0601	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.479	4.479	0.000	50	913	0.0351	0.0267	
5 Chloromethane	50	4.608	4.591	0.017	1	526	0.0351	0.0644	
6 Vinyl chloride	62	4.891	4.880	0.011	35	658	0.0351	0.0571	
7 Butane	43	4.875	4.886	-0.011	31	329	0.0351	0.0303	
8 Butadiene	54	4.998	4.993	0.005	66	532	0.0351	0.0636	
9 Bromomethane	94	5.688	5.683	0.005	53	702	0.0351	0.0542	
10 Chloroethane	64	5.950	5.945	0.005	1	272	0.0351	0.0474	
12 2-Methylbutane	43	6.148	6.148	0.000	86	750	0.0351	0.0773	
13 Vinyl bromide	106	6.368	6.357	0.011	26	597	0.0351	0.0460	
14 Trichlorofluoromethane	101	6.512	6.517	-0.005	92	1377	0.0351	0.0494	
15 Pentane	43	6.721	6.721	0.000	77	880	0.0351	0.0721	
16 Ethanol	45		6.876				ND	ND	
18 Ethyl ether	59		7.133				ND	ND	
19 Acrolein	56		7.363				ND	ND	
20 1,1-Dichloroethene	96	7.561	7.566	-0.005	11	665	0.0351	0.0549	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	7.609	7.603	0.006	86	1137	0.0351	0.0507	
22 Acetone	43	7.716	7.641	0.075	8	605	0.0351	0.0711	
23 Isopropyl alcohol	45		7.935				ND	ND	
24 Carbon disulfide	76	7.978	7.972	0.006	99	2052	0.0351	0.0851	
25 Acetonitrile	41	8.251	8.256	-0.005	64	661	0.0351	0.0921	
26 3-Chloro-1-propene	41		8.256				ND	ND	
27 Methylene Chloride	49	8.491	8.486	0.005	77	704	0.0351	0.1072	
28 2-Methyl-2-propanol	59		8.705				ND	ND	
29 Acrylonitrile	53		8.882				ND	ND	
30 trans-1,2-Dichloroethene	61	8.978	8.989	-0.011	67	535	0.0351	0.0502	
31 Methyl tert-butyl ether	73	9.042	9.005	0.037	8	1209	0.0351	0.0541	
32 Hexane	57	9.481	9.497	-0.016	3	529	0.0351	0.0526	

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	9.749	9.743	0.006	1	567	0.0351	0.0450	
34 Vinyl acetate	43		9.759				ND	ND	
S 35 1,2-Dichloroethene, Total	61				0		0.0702	0.0892	
36 2-Butanone (MEK)	72		10.712				ND	ND	
37 cis-1,2-Dichloroethene	96	10.733	10.733	0.000	1	370	0.0351	0.0390	
38 Ethyl acetate	88		10.797				ND	ND	
* 39 Chlorobromomethane	128	11.140	11.150	-0.010	70	64926	10.0	10.0	
40 Tetrahydrofuran	42		11.198				ND	ND	
41 Chloroform	83	11.321	11.327	-0.006	87	694	0.0351	0.0405	
42 1,1,1-Trichloroethane	97	11.632	11.632	0.000	11	643	0.0351	0.0334	
43 Cyclohexane	84	11.776	11.771	0.005	3	259	0.0351	0.0222	
44 Carbon tetrachloride	117	11.905	11.910	-0.005	88	1054	0.0351	0.0469	
45 Benzene	78	12.258	12.258	0.000	82	1493	0.0351	0.0583	
46 1,2-Dichloroethane	62	12.333	12.332	0.000	1	491	0.0351	0.0469	
47 Isooctane	57	12.472	12.482	-0.010	95	1661	0.0351	0.0516	
48 n-Heptane	43	12.787	12.793	-0.006	31	642	0.0351	0.0627	
* 49 1,4-Difluorobenzene	114	12.996	13.001	-0.005	92	320552	10.0	10.0	
50 n-Butanol	56	12.996	13.237	-0.241	24	4117	0.0351	0.9654	
51 Trichloroethene	95	13.424	13.429	-0.005	60	639	0.0351	0.0478	M
53 1,2-Dichloropropane	63		13.889				ND	ND	
54 Methyl methacrylate	69		13.986				ND	ND	
55 1,4-Dioxane	88		14.028				ND	ND	
57 Dibromomethane	174	14.050	14.044	0.006	61	684	0.0351	0.0434	
58 Dichlorobromomethane	83	14.349	14.360	-0.011	1	534	0.0351	0.0282	
59 cis-1,3-Dichloropropene	75	15.168	15.162	0.006	1	637	0.0351	0.0406	
61 4-Methyl-2-pentanone (MIBK)	43	15.473	15.430	0.043	74	584	0.0351	0.0502	
62 Toluene	92	15.810	15.810	0.000	94	1082	0.0351	0.0523	
A 63 Toluene Range	1	15.818	(15.735-15.890)		0	2941	NC	NC	
64 n-Octane	43	16.072	16.072	0.000	64	865	0.0351	0.0626	
A 65 C8 Range	1	16.051	(16.008-16.158)		0	3065	NC	NC	
66 trans-1,3-Dichloropropene	75	16.227	16.227	0.000	1	545	0.0351	0.0411	
67 1,1,2-Trichloroethane	83		16.602				ND	ND	
68 Tetrachloroethene	166	16.805	16.805	0.000	83	1122	0.0351	0.0469	
69 2-Hexanone	43		17.019				ND	ND	
70 Chlorodibromomethane	129	17.340	17.340	0.000	90	970	0.0351	0.0409	
71 Ethylene Dibromide	107	17.586	17.575	0.011	88	940	0.0351	0.0496	
* 73 Chlorobenzene-d5	117	18.490	18.490	0.000	82	285317	10.0	10.0	
74 Chlorobenzene	112	18.554	18.554	0.000	33	1545	0.0351	0.0500	
75 Ethylbenzene	91	18.758	18.747	0.011	90	2136	0.0351	0.0480	
76 m-Xylene & p-Xylene	106	19.004	19.014	-0.010	0	1060	0.0702	0.0560	
77 n-Nonane	57	19.089	19.089	0.000	70	823	0.0351	0.0498	
78 o-Xylene	106	19.779	19.785	-0.006	90	893	0.0351	0.0467	
79 Styrene	104	19.827	19.822	0.005	76	1241	0.0351	0.0428	
S 80 Xylenes, Total	106				0		0.1052	0.1027	
81 Bromoform	173	20.175	20.181	-0.006	71	1107	0.0351	0.0422	
82 Isopropylbenzene	105	20.518	20.518	0.000	93	2584	0.0351	0.0476	
83 1,1,2,2-Tetrachloroethane	83	21.058	21.053	0.005	89	1176	0.0351	0.0490	
84 1,2,3-Trichloropropane	75		21.149				ND	ND	
85 N-Propylbenzene	91	21.261	21.256	0.005	97	2692	0.0351	0.0455	
86 2-Chlorotoluene	91	21.400	21.406	-0.006	88	1883	0.0351	0.0499	
87 4-Ethyltoluene	105	21.464	21.464	0.000	95	2450	0.0351	0.0470	
88 1,3,5-Trimethylbenzene	105	21.566	21.561	0.005	95	2303	0.0351	0.0514	

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	21.604	21.604	0.000	84	940	0.0351	0.0497	
90 Alpha Methyl Styrene	118	21.903	21.892	0.011	85	760	0.0351	0.0313	
91 tert-Butylbenzene	119	22.053	22.053	0.000	90	2345	0.0351	0.0518	
92 1,2,4-Trimethylbenzene	105	22.144	22.139	0.006	93	2050	0.0351	0.0458	
93 sec-Butylbenzene	105	22.385	22.385	0.000	95	3286	0.0351	0.0515	
94 1,3-Dichlorobenzene	146	22.561	22.550	0.011	95	1487	0.0351	0.0443	
95 4-Isopropyltoluene	119	22.604	22.604	0.000	95	2720	0.0351	0.0482	
96 1,4-Dichlorobenzene	146	22.706	22.700	0.006	87	1271	0.0351	0.0392	
97 Benzyl chloride	91	22.850	22.845	0.005	94	1307	0.0351	0.0387	
98 n-Butylbenzene	91	23.160	23.160	0.000	94	1958	0.0351	0.0437	
99 1,2-Dichlorobenzene	146	23.182	23.182	0.000	95	1530	0.0351	0.0480	
100 Undecane	57	23.315	23.315	0.000	84	933	0.0351	0.0499	
101 Dodecane	57	24.862	24.862	0.000	76	685	0.0351	0.0445	
102 1,2,4-Trichlorobenzene	180	25.568	25.562	0.006	64	785	0.0351	0.0376	
103 Hexachlorobutadiene	225	25.803	25.803	0.000	88	1494	0.0351	0.0457	
104 Naphthalene	128	26.022	26.022	0.000	1	731	0.0351	0.0202	
105 1,2,3-Trichlorobenzene	180	26.424	26.418	0.006	76	610	0.0351	0.0364	
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_00249

Amount Added: 35.00

Units: mL

ATTO15WISs_00010

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-004.d

Injection Date: 01-Dec-2022 15:47:30

Instrument ID: CHW.i

Operator ID: vtp

Lims ID: ic

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

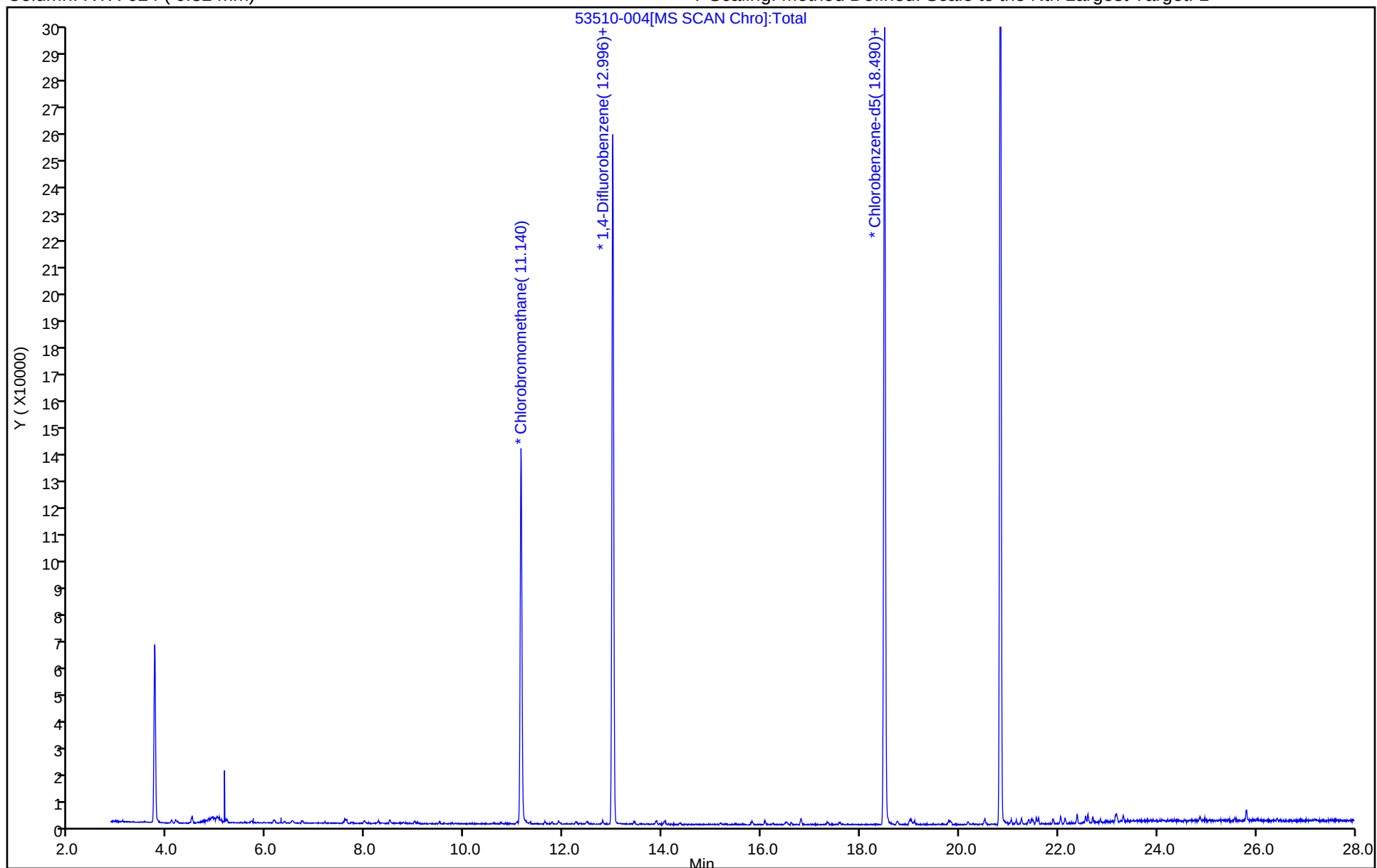
ALS Bottle#: 4

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



Eurofins Burlington

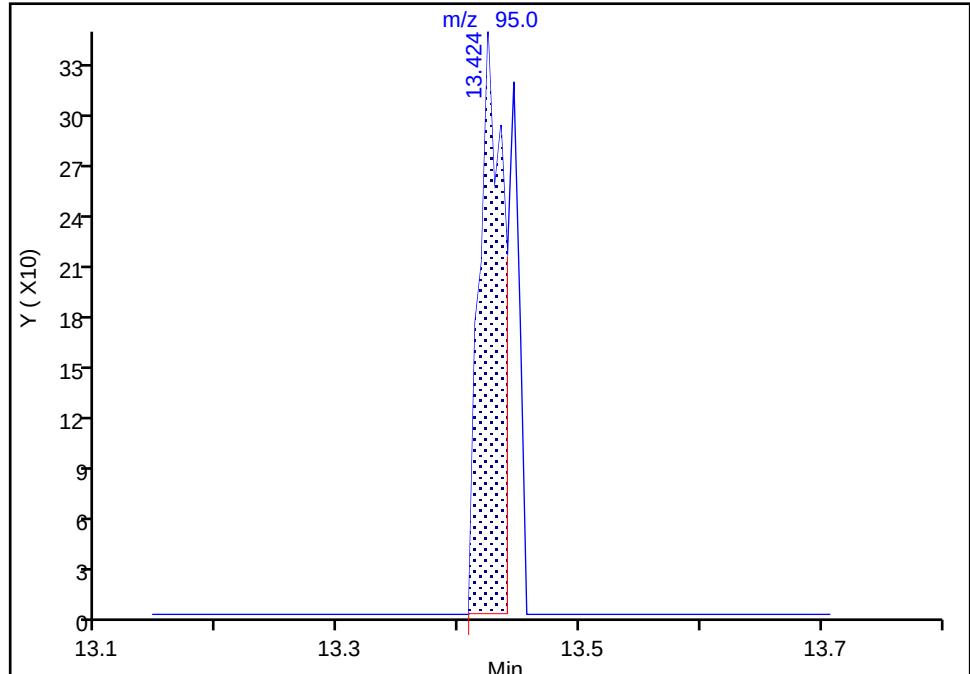
Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-004.d
Injection Date: 01-Dec-2022 15:47:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

51 Trichloroethene, CAS: 79-01-6

Signal: 1

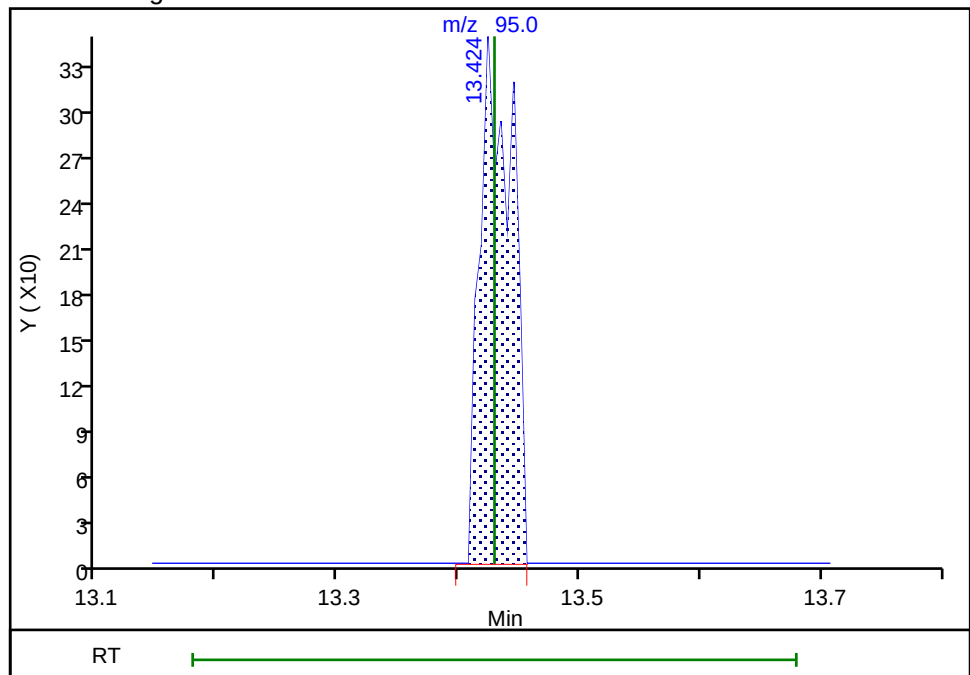
RT: 13.42
Area: 481
Amount: 0.037990
Amount Units: ppb v/v

Processing Integration Results



RT: 13.42
Area: 639
Amount: 0.047845
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 02-Dec-2022 07:13:54

Audit Action: Manually Integrated

Audit Reason: Other

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-005.d
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 01-Dec-2022 16:40:30 ALS Bottle#: 5 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053510-005
 Misc. Info.: ic-2
 Operator ID: vtp Instrument ID: CHW.i
 Sublist: chrom-TO15_TO3_MasterMethod_W*sub5
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 02-Dec-2022 07:26:43 Calib Date: 01-Dec-2022 23:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-013.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1651

First Level Reviewer: BKZ7

Date: 02-Dec-2022 07:26:43

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	4.078	4.062	0.016	96	2061	0.2004	0.3380	
2 Dichlorodifluoromethane	85	4.158	4.147	0.011	97	7249	0.2004	0.2532	
3 Chlorodifluoromethane	51	4.201	4.185	0.016	95	3706	0.2004	0.2786	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.490	4.479	0.011	88	8628	0.2004	0.2625	
5 Chloromethane	50	4.602	4.591	0.011	93	2355	0.2004	0.3004	
6 Vinyl chloride	62	4.891	4.880	0.011	92	2756	0.2004	0.2489	
7 Butane	43	4.897	4.886	0.011	97	3887	0.2004	0.3728	
8 Butadiene	54	5.004	4.993	0.011	84	2058	0.2004	0.2563	
9 Bromomethane	94	5.694	5.683	0.011	98	3350	0.2004	0.2695	
10 Chloroethane	64	5.945	5.945	0.000	97	1364	0.2004	0.2476	
12 2-Methylbutane	43	6.154	6.148	0.006	92	2702	0.2004	0.2900	
13 Vinyl bromide	106	6.362	6.357	0.005	95	3202	0.2004	0.2572	
14 Trichlorofluoromethane	101	6.528	6.517	0.011	97	6932	0.2004	0.2587	M
15 Pentane	43	6.726	6.721	0.005	91	3407	0.2004	0.2906	
16 Ethanol	45	6.929	6.876	0.053	96	1074	0.4009	0.3666	
18 Ethyl ether	59	7.165	7.133	0.032	88	1411	0.2004	0.2405	
19 Acrolein	56	7.406	7.363	0.043	92	806	0.2004	0.2664	
20 1,1-Dichloroethene	96	7.566	7.566	0.000	87	2919	0.2004	0.2511	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	7.603	7.603	0.000	92	5863	0.2004	0.2721	
22 Acetone	43	7.689	7.641	0.048	85	3017	0.2004	0.3691	
23 Isopropyl alcohol	45	7.999	7.935	0.064	34	2384	0.2004	0.2497	
24 Carbon disulfide	76	7.983	7.972	0.011	98	6590	0.2004	0.2844	
26 3-Chloro-1-propene	41	8.272	8.256	0.016	90	2319	0.2004	0.3027	
25 Acetonitrile	41	8.272	8.256	0.016	66	2319	0.2004	0.3366	
27 Methylene Chloride	49	8.492	8.486	0.006	79	2040	0.2004	0.3234	
28 2-Methyl-2-propanol	59	8.764	8.705	0.059	98	3370	0.2004	0.2648	
29 Acrylonitrile	53	8.925	8.882	0.043	86	594	0.2004	0.1593	
30 trans-1,2-Dichloroethene	61	8.994	8.989	0.005	87	2499	0.2004	0.2444	
31 Methyl tert-butyl ether	73	9.043	9.005	0.038	90	5493	0.2004	0.2560	
32 Hexane	57	9.497	9.497	0.000	90	2758	0.2004	0.2854	

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	9.743	9.743	0.000	94	3269	0.2004	0.2703	
34 Vinyl acetate	43	9.792	9.759	0.033	97	2617	0.2004	0.2166	
S 35 1,2-Dichloroethene, Total	61				0		0.4009	0.5250	
36 2-Butanone (MEK)	72	10.754	10.712	0.042	91	883	0.2004	0.2508	
37 cis-1,2-Dichloroethene	96	10.738	10.733	0.005	81	2559	0.2004	0.2806	
38 Ethyl acetate	88		10.797				ND	ND	
* 39 Chlorobromomethane	128	11.145	11.150	-0.005	70	62351	10.0	10.0	
40 Tetrahydrofuran	42	11.236	11.198	0.038	68	1453	0.2004	0.2964	
41 Chloroform	83	11.322	11.327	-0.005	95	4481	0.2004	0.2722	
42 1,1,1-Trichloroethane	97	11.637	11.632	0.005	96	5102	0.2004	0.2770	
43 Cyclohexane	84	11.766	11.771	-0.005	90	3234	0.2004	0.2904	
44 Carbon tetrachloride	117	11.910	11.910	0.000	95	5448	0.2004	0.2538	
45 Benzene	78	12.258	12.258	0.000	95	6835	0.2004	0.2790	
46 1,2-Dichloroethane	62	12.338	12.332	0.006	91	2659	0.2004	0.2656	
47 Isooctane	57	12.477	12.482	-0.005	97	8308	0.2004	0.2702	
48 n-Heptane	43	12.793	12.793	0.000	79	2923	0.2004	0.2986	
* 49 1,4-Difluorobenzene	114	12.996	13.001	-0.005	92	306419	10.0	10.0	
50 n-Butanol	56	13.296	13.237	0.059	48	1113	0.2004	0.2730	M
51 Trichloroethene	95	13.424	13.429	-0.005	94	3481	0.2004	0.2727	M
53 1,2-Dichloropropane	63	13.884	13.889	-0.005	83	2131	0.2004	0.2864	
54 Methyl methacrylate	69	14.007	13.986	0.021	85	1998	0.2004	0.2795	
55 1,4-Dioxane	88	14.087	14.028	0.059	82	1579	0.2004	0.2732	
57 Dibromomethane	174	14.050	14.044	0.006	83	4141	0.2004	0.2751	
58 Dichlorobromomethane	83	14.355	14.360	-0.005	96	4808	0.2004	0.2660	
59 cis-1,3-Dichloropropene	75	15.168	15.162	0.006	88	3918	0.2004	0.2615	
61 4-Methyl-2-pentanone (MIBK)	43	15.457	15.430	0.027	88	3090	0.2004	0.2781	
62 Toluene	92	15.810	15.810	0.000	93	5338	0.2004	0.2706	
A 63 Toluene Range	1	15.818	(15.735-15.890)		0	21334	NC	NC	
64 n-Octane	43	16.072	16.072	0.000	71	3760	0.2004	0.2848	
A 65 C8 Range	1	16.051	(16.008-16.158)		0	19934	NC	NC	
66 trans-1,3-Dichloropropene	75	16.233	16.227	0.006	91	3108	0.2004	0.2455	
67 1,1,2-Trichloroethane	83	16.607	16.602	0.005	92	2422	0.2004	0.2707	
68 Tetrachloroethene	166	16.800	16.805	-0.005	84	5912	0.2004	0.2595	
69 2-Hexanone	43	17.056	17.019	0.037	85	2735	0.2004	0.2623	M
70 Chlorodibromomethane	129	17.335	17.340	-0.005	95	5692	0.2004	0.2517	
71 Ethylene Dibromide	107	17.575	17.575	0.000	96	4738	0.2004	0.2621	
* 73 Chlorobenzene-d5	117	18.490	18.490	0.000	82	271941	10.0	10.0	
74 Chlorobenzene	112	18.554	18.554	0.000	97	7950	0.2004	0.2702	
75 Ethylbenzene	91	18.752	18.747	0.005	97	11243	0.2004	0.2649	
76 m-Xylene & p-Xylene	106	19.009	19.014	-0.005	0	9951	0.4009	0.5515	
77 n-Nonane	57	19.084	19.089	-0.005	78	4575	0.2004	0.2902	
78 o-Xylene	106	19.790	19.785	0.005	96	4961	0.2004	0.2722	
79 Styrene	104	19.822	19.822	0.000	95	7381	0.2004	0.2672	
S 80 Xylenes, Total	106				0		0.6013	0.8237	
81 Bromoform	173	20.181	20.181	0.000	96	5756	0.2004	0.2302	
82 Isopropylbenzene	105	20.518	20.518	0.000	97	13897	0.2004	0.2688	
83 1,1,2,2-Tetrachloroethane	83	21.047	21.053	-0.006	96	6196	0.2004	0.2710	
84 1,2,3-Trichloropropane	75	21.149	21.149	0.000	94	4928	0.2004	0.3075	
85 N-Propylbenzene	91	21.256	21.256	0.000	99	14735	0.2004	0.2610	
86 2-Chlorotoluene	91	21.406	21.406	0.000	95	9807	0.2004	0.2725	
87 4-Ethyltoluene	105	21.465	21.464	0.001	98	13090	0.2004	0.2635	
88 1,3,5-Trimethylbenzene	105	21.561	21.561	0.000	94	11643	0.2004	0.2727	

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	21.604	21.604	0.000	91	5281	0.2004	0.2930	
90 Alpha Methyl Styrene	118	21.898	21.892	0.006	93	5790	0.2004	0.2500	
91 tert-Butylbenzene	119	22.053	22.053	0.000	95	12056	0.2004	0.2796	
92 1,2,4-Trimethylbenzene	105	22.139	22.139	0.001	97	11747	0.2004	0.2751	
93 sec-Butylbenzene	105	22.385	22.385	0.000	99	17548	0.2004	0.2886	
94 1,3-Dichlorobenzene	146	22.556	22.550	0.006	96	8488	0.2004	0.2653	
95 4-Isopropyltoluene	119	22.604	22.604	0.000	97	14824	0.2004	0.2758	
96 1,4-Dichlorobenzene	146	22.700	22.700	0.000	97	8312	0.2004	0.2692	
97 Benzyl chloride	91	22.845	22.845	0.000	98	6821	0.2004	0.2119	
98 n-Butylbenzene	91	23.160	23.160	0.000	97	11742	0.2004	0.2752	
99 1,2-Dichlorobenzene	146	23.182	23.182	0.000	99	8676	0.2004	0.2855	
100 Undecane	57	23.316	23.315	0.001	88	5941	0.2004	0.3336	
101 Dodecane	57	24.862	24.862	0.000	93	5624	0.2004	0.3833	
102 1,2,4-Trichlorobenzene	180	25.562	25.562	0.000	90	5846	0.2004	0.2941	
103 Hexachlorobutadiene	225	25.809	25.803	0.006	93	9606	0.2004	0.3082	
104 Naphthalene	128	26.028	26.022	0.006	97	9518	0.2004	0.2759	
105 1,2,3-Trichlorobenzene	180	26.429	26.418	0.011	93	6043	0.2004	0.3788	
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_00249

Amount Added: 200.00

Units: mL

ATTO15WISs_00010

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-005.d

Injection Date: 01-Dec-2022 16:40:30

Instrument ID: CHW.i

Operator ID: vtp

Lims ID: ic

Worklist Smp#: 5

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

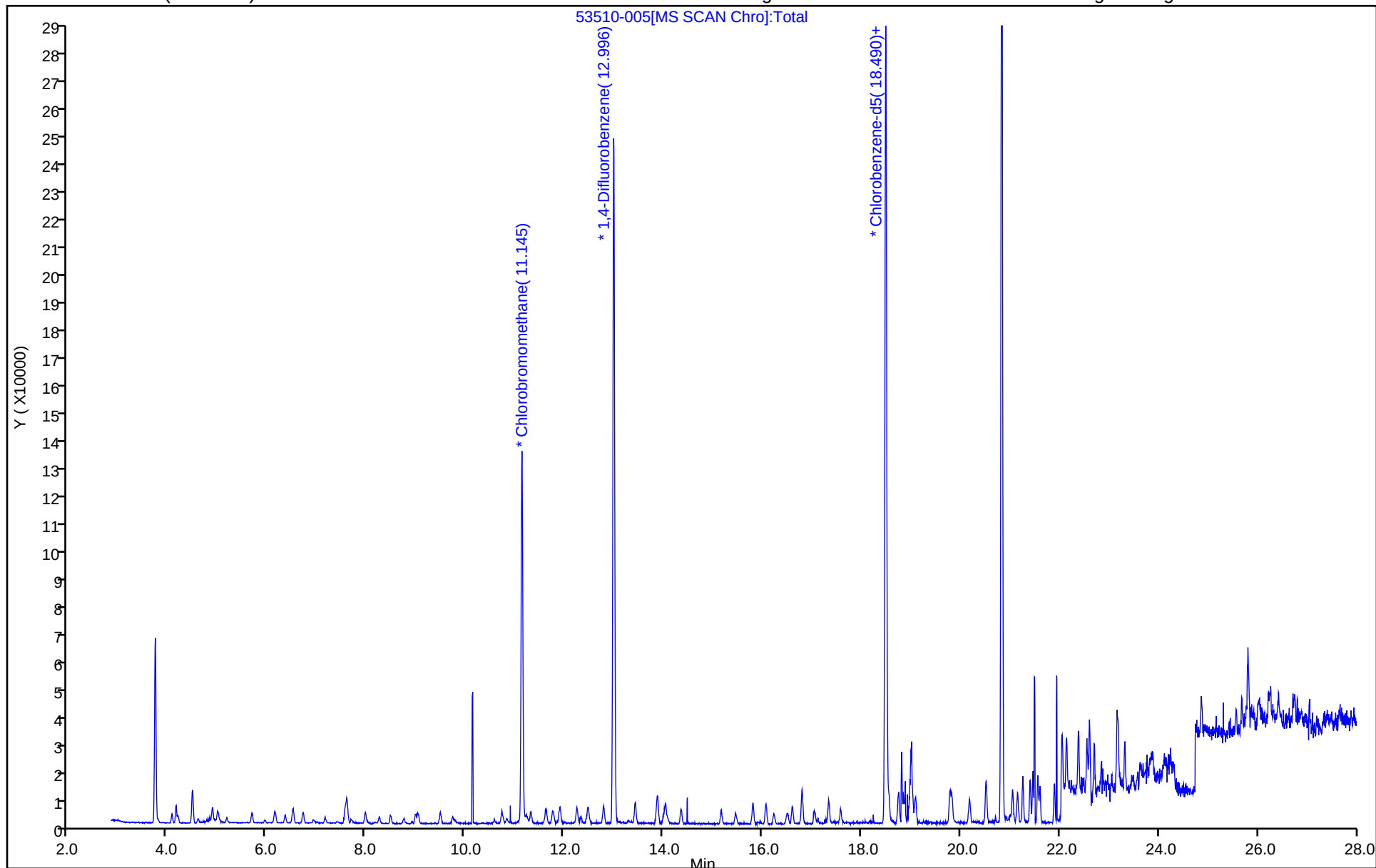
ALS Bottle#: 5

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



Eurofins Burlington

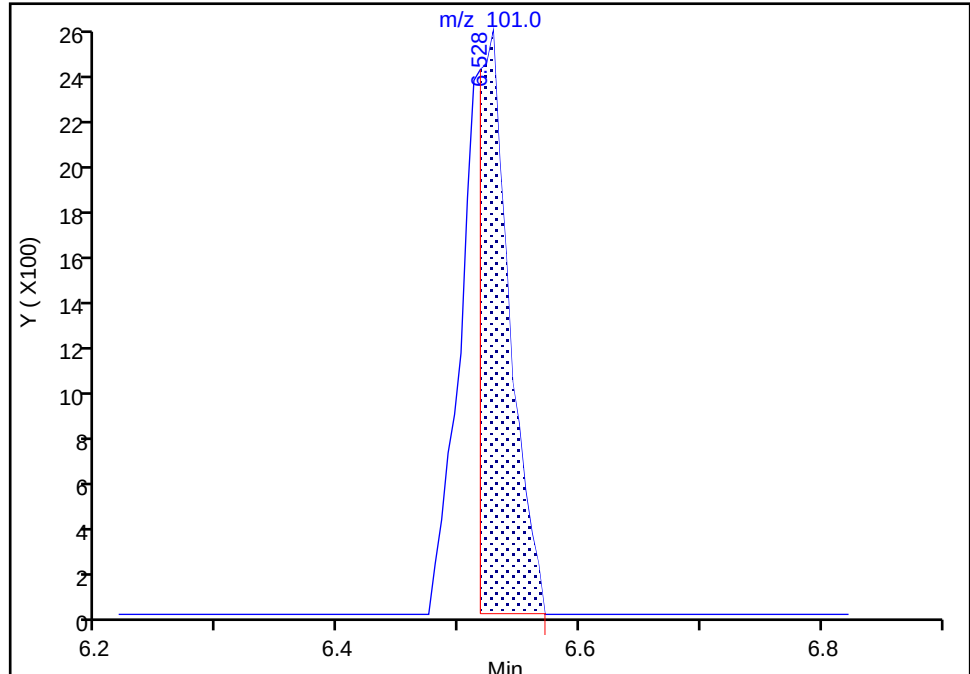
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Injection Date: 01-Dec-2022 16:40:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

14 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

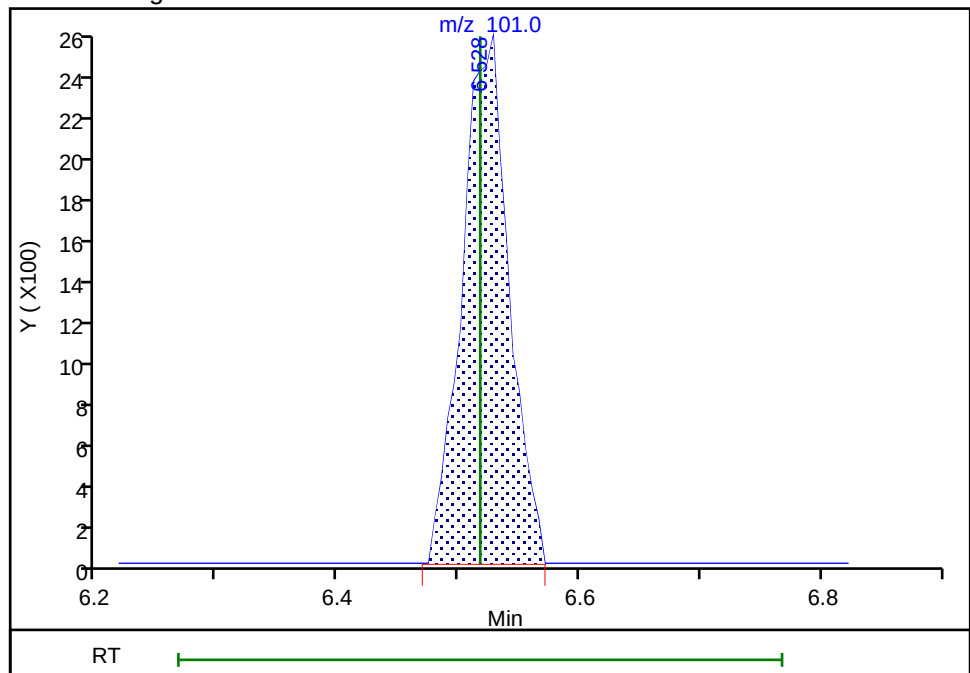
RT: 6.53
Area: 4495
Amount: 0.168756
Amount Units: ppb v/v

Processing Integration Results



RT: 6.53
Area: 6932
Amount: 0.258730
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 02-Dec-2022 07:09:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

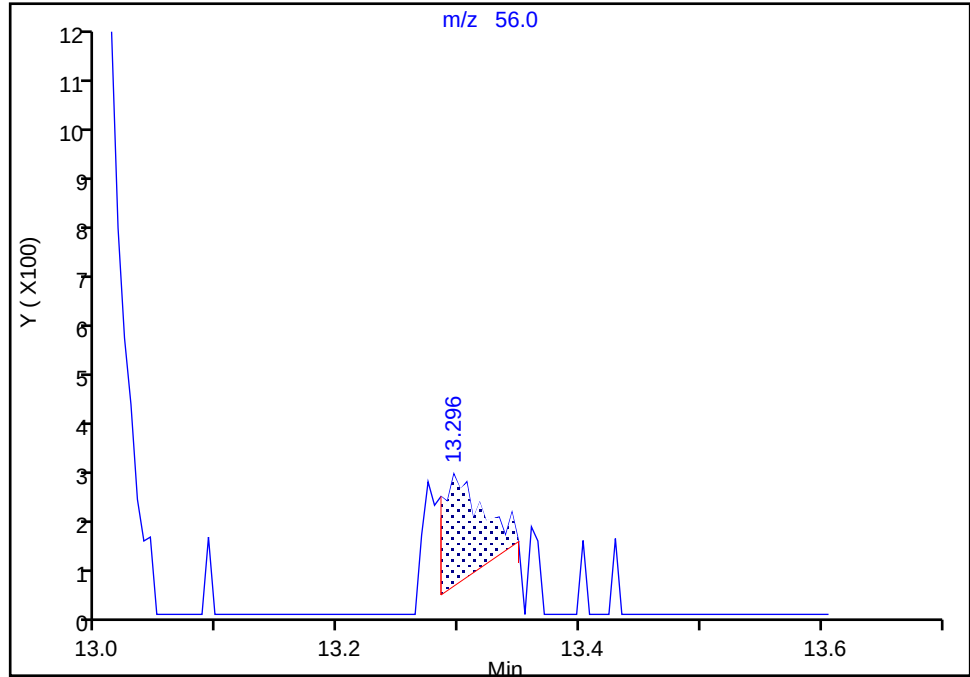
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Injection Date: 01-Dec-2022 16:40:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

50 n-Butanol, CAS: 71-36-3

Signal: 1

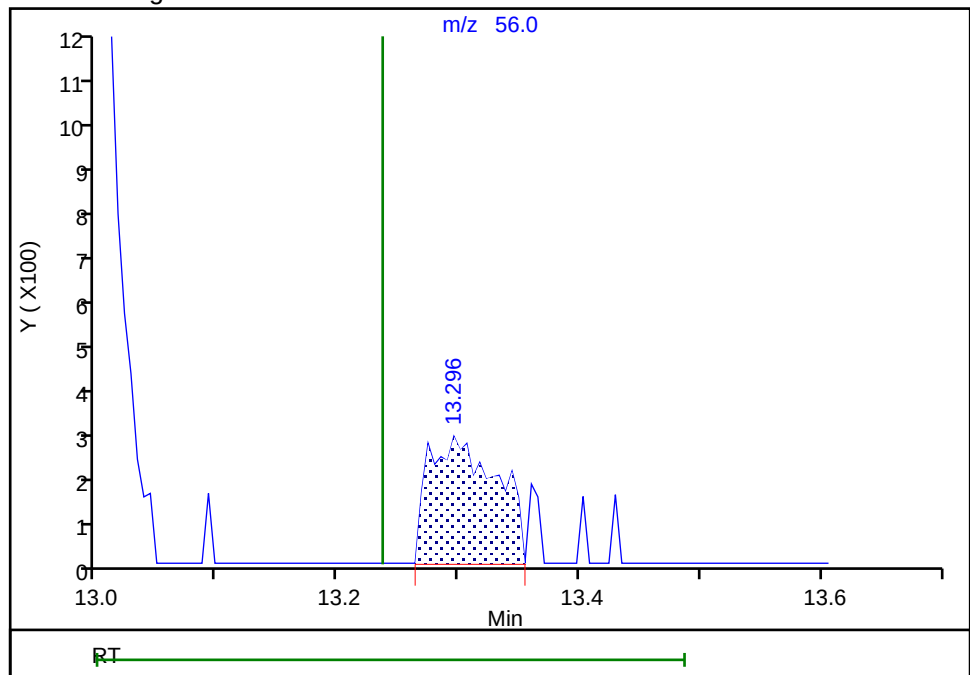
RT: 13.30
Area: 512
Amount: 0.029216
Amount Units: ppb v/v

Processing Integration Results



RT: 13.30
Area: 1113
Amount: 0.273012
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 02-Dec-2022 07:10:10
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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12/8/2022 3:46
PM

Eurofins Burlington

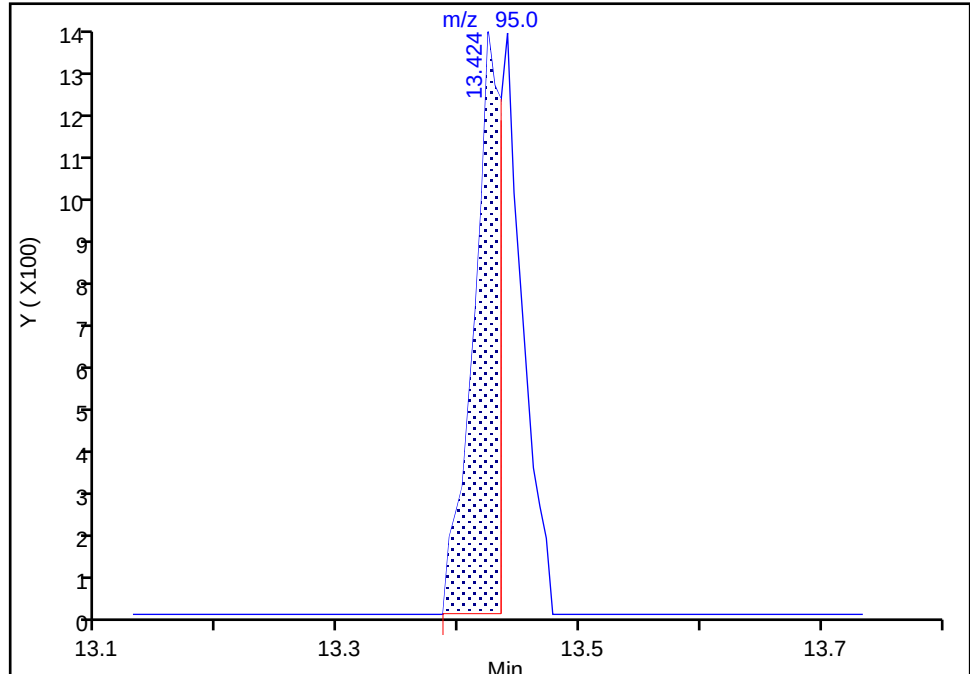
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Injection Date: 01-Dec-2022 16:40:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

51 Trichloroethene, CAS: 79-01-6

Signal: 1

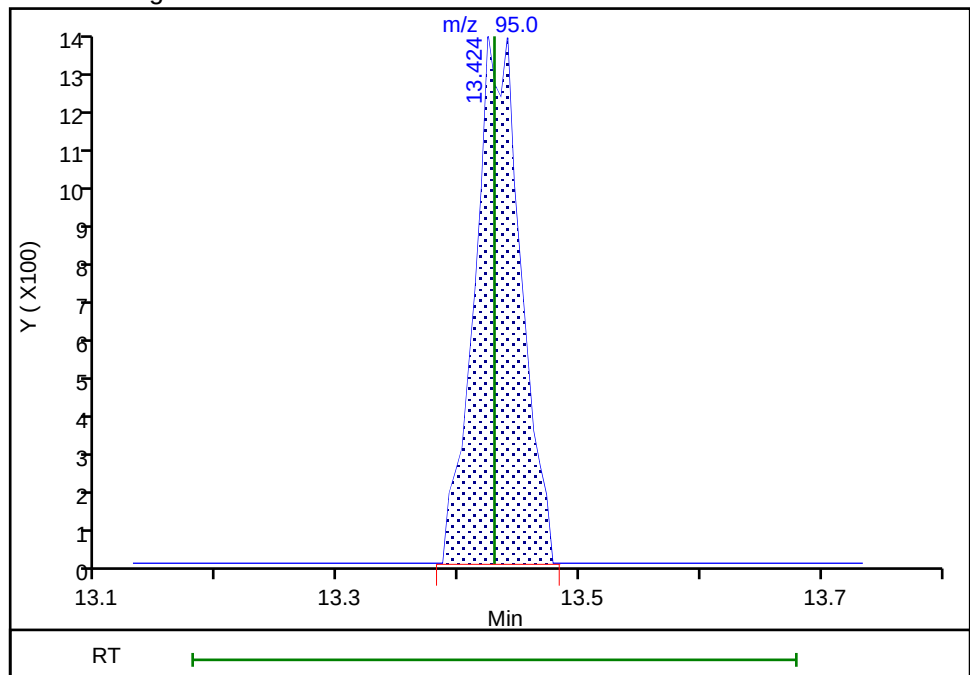
RT: 13.42
Area: 2094
Amount: 0.184273
Amount Units: ppb v/v

Processing Integration Results



RT: 13.42
Area: 3481
Amount: 0.272661
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 02-Dec-2022 07:10:06
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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PM

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-005.d
Injection Date: 01-Dec-2022 16:40:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp
Purge Vol: 200.000 mL
Method: TO15_TO3_MasterMethod_W
Column: RTX-624 (0.32 mm)

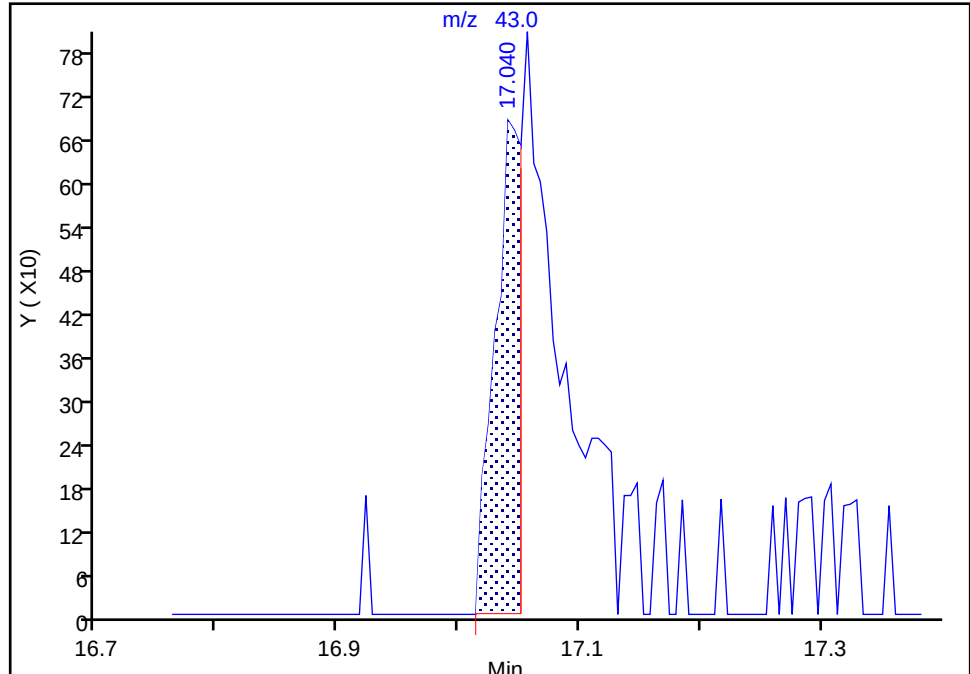
ALS Bottle#: 5 Worklist Smp#: 5
Dil. Factor: 1.0000
Limit Group: AI_TO15_ICAL
Detector: MS SCAN

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

Signal: 1

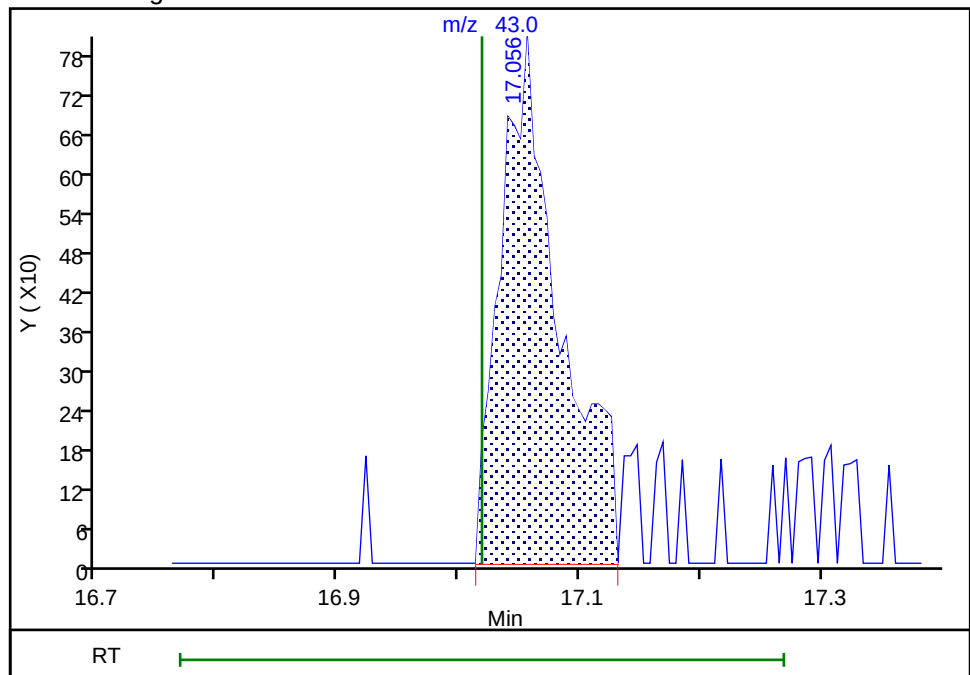
RT: 17.04
Area: 1054
Amount: 0.108771
Amount Units: ppb v/v

Processing Integration Results



RT: 17.06
Area: 2735
Amount: 0.262258
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 02-Dec-2022 07:10:22
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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PM

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-006.d
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 01-Dec-2022 17:32:30 ALS Bottle#: 6 Worklist Smp#: 6
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053510-006
 Misc. Info.: ic-3
 Operator ID: vtp Instrument ID: CHW.i
 Sublist: chrom-TO15_TO3_MasterMethod_W*sub5
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 02-Dec-2022 07:26:46 Calib Date: 01-Dec-2022 23:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-013.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1651

First Level Reviewer: BKZ7

Date: 02-Dec-2022 07:09:18

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	4.072	4.062	0.010	98	4024	0.5005	0.5907	
2 Dichlorodifluoromethane	85	4.153	4.147	0.006	98	18830	0.5005	0.5888	
3 Chlorodifluoromethane	51	4.190	4.185	0.005	96	8668	0.5005	0.5834	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.479	4.479	0.000	89	19581	0.5005	0.5333	
5 Chloromethane	50	4.602	4.591	0.011	98	5326	0.5005	0.6082	
6 Vinyl chloride	62	4.886	4.880	0.006	95	6502	0.5005	0.5256	
7 Butane	43	4.891	4.886	0.005	97	7141	0.5005	0.6131	
8 Butadiene	54	4.993	4.993	0.000	88	4383	0.5005	0.4888	
9 Bromomethane	94	5.683	5.683	0.000	98	8160	0.5005	0.5878	
10 Chloroethane	64	5.945	5.945	0.000	95	4406	0.5005	0.7162	
12 2-Methylbutane	43	6.154	6.148	0.006	88	6578	0.5005	0.6320	
13 Vinyl bromide	106	6.357	6.357	0.000	99	8376	0.5005	0.6023	
14 Trichlorofluoromethane	101	6.507	6.517	-0.010	98	16807	0.5005	0.5616	
15 Pentane	43	6.715	6.721	-0.006	96	8887	0.5005	0.6786	
16 Ethanol	45	6.892	6.876	0.016	96	15771	5.01	4.82	
18 Ethyl ether	59	7.149	7.133	0.016	82	4122	0.5005	0.6291	
19 Acrolein	56	7.389	7.363	0.026	91	2686	0.5005	0.7947	
20 1,1-Dichloroethene	96	7.561	7.566	-0.006	92	6994	0.5005	0.5387	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	7.598	7.603	-0.005	94	13830	0.5005	0.5746	
22 Acetone	43	7.673	7.641	0.032	95	6266	0.5005	0.6864	
23 Isopropyl alcohol	45	7.978	7.935	0.043	49	7656	0.5005	0.7179	
24 Carbon disulfide	76	7.967	7.972	-0.005	99	15474	0.5005	0.5979	
25 Acetonitrile	41	8.256	8.256	0.000	79	4164	0.5005	0.5411	
26 3-Chloro-1-propene	41	8.256	8.256	0.000	93	4513	0.5005	0.5274	
27 Methylene Chloride	49	8.481	8.486	-0.005	88	4624	0.5005	0.6562	
28 2-Methyl-2-propanol	59	8.743	8.705	0.038	100	9015	0.5005	0.6341	
29 Acrylonitrile	53	8.898	8.882	0.016	92	2204	0.5005	0.5292	M
30 trans-1,2-Dichloroethene	61	8.984	8.989	-0.005	93	6443	0.5005	0.5641	
31 Methyl tert-butyl ether	73	9.021	9.005	0.016	96	13155	0.5005	0.5489	
32 Hexane	57	9.492	9.497	-0.005	88	6088	0.5005	0.5641	

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	9.738	9.743	-0.005	98	7045	0.5005	0.5216	
34 Vinyl acetate	43	9.770	9.759	0.011	99	6955	0.5005	0.5153	
S 35 1,2-Dichloroethene, Total	61				0		1.00	1.07	
36 2-Butanone (MEK)	72	10.738	10.712	0.026	90	2062	0.5005	0.5244	
37 cis-1,2-Dichloroethene	96	10.733	10.733	0.000	84	5202	0.5005	0.5107	
38 Ethyl acetate	88		10.797				ND	ND	MU
* 39 Chlorobromomethane	128	11.139	11.150	-0.011	71	69645	10.0	10.0	
40 Tetrahydrofuran	42	11.220	11.198	0.022	80	3489	0.5005	0.6439	
41 Chloroform	83	11.316	11.327	-0.011	95	10231	0.5005	0.5564	
42 1,1,1-Trichloroethane	97	11.626	11.632	-0.006	96	10766	0.5005	0.5288	
43 Cyclohexane	84	11.765	11.771	-0.006	91	6486	0.5005	0.5269	
44 Carbon tetrachloride	117	11.910	11.910	0.000	97	12387	0.5005	0.5220	
45 Benzene	78	12.252	12.258	-0.006	96	14327	0.5005	0.5291	
46 1,2-Dichloroethane	62	12.327	12.332	-0.005	91	7073	0.5005	0.6392	
47 Isooctane	57	12.472	12.482	-0.010	98	18536	0.5005	0.5454	
48 n-Heptane	43	12.793	12.793	-0.001	83	5975	0.5005	0.5522	
* 49 1,4-Difluorobenzene	114	12.996	13.001	-0.005	92	338699	10.0	10.0	
50 n-Butanol	56	13.269	13.237	0.032	87	2800	0.5005	0.6214	
51 Trichloroethene	95	13.429	13.429	0.000	92	7099	0.5005	0.5031	
53 1,2-Dichloropropane	63	13.884	13.889	-0.005	78	4263	0.5005	0.5183	M
54 Methyl methacrylate	69	13.996	13.986	0.010	90	4036	0.5005	0.5108	
55 1,4-Dioxane	88	14.076	14.028	0.048	82	4375	0.5005	0.6848	M
57 Dibromomethane	174	14.044	14.044	0.000	86	9491	0.5005	0.5705	
58 Dichlorobromomethane	83	14.355	14.360	-0.005	98	11329	0.5005	0.5670	
59 cis-1,3-Dichloropropene	75	15.162	15.162	0.000	87	9490	0.5005	0.5729	
61 4-Methyl-2-pentanone (MIBK)	43	15.451	15.430	0.021	92	6551	0.5005	0.5334	
62 Toluene	92	15.804	15.810	-0.006	94	12319	0.5005	0.5693	
A 63 Toluene Range	1		(15.735-15.890)				ND	ND	
64 n-Octane	43	16.072	16.072	0.000	85	8207	0.5005	0.5623	
A 65 C8 Range	1		(16.008-16.158)				ND	ND	
66 trans-1,3-Dichloropropene	75	16.222	16.227	-0.005	93	6962	0.5005	0.4974	
67 1,1,2-Trichloroethane	83	16.602	16.602	0.000	93	5981	0.5005	0.6094	
68 Tetrachloroethene	166	16.799	16.805	-0.006	93	12866	0.5005	0.5147	
69 2-Hexanone	43	17.046	17.019	0.027	97	5552	0.5005	0.4852	
70 Chlorodibromomethane	129	17.334	17.340	-0.006	96	12935	0.5005	0.5212	
71 Ethylene Dibromide	107	17.575	17.575	0.000	99	10223	0.5005	0.5155	
* 73 Chlorobenzene-d5	117	18.490	18.490	0.000	82	298366	10.0	10.0	
74 Chlorobenzene	112	18.549	18.554	-0.005	98	18236	0.5005	0.5648	
75 Ethylbenzene	91	18.747	18.747	0.000	97	25584	0.5005	0.5493	
76 m-Xylene & p-Xylene	106	19.014	19.014	0.000	0	21682	1.00	1.10	
77 n-Nonane	57	19.089	19.089	0.000	80	10039	0.5005	0.5804	
78 o-Xylene	106	19.785	19.785	0.000	98	11945	0.5005	0.5974	
79 Styrene	104	19.822	19.822	0.000	95	16000	0.5005	0.5279	
S 80 Xylenes, Total	106				0		1.50	1.69	
81 Bromoform	173	20.180	20.181	-0.001	98	14640	0.5005	0.5335	
82 Isopropylbenzene	105	20.512	20.518	-0.006	97	32012	0.5005	0.5644	
83 1,1,2,2-Tetrachloroethane	83	21.052	21.053	-0.001	98	14291	0.5005	0.5697	
84 1,2,3-Trichloropropane	75	21.149	21.149	0.000	94	9912	0.5005	0.5637	
85 N-Propylbenzene	91	21.256	21.256	0.000	99	34443	0.5005	0.5562	
86 2-Chlorotoluene	91	21.400	21.406	-0.006	96	21563	0.5005	0.5461	
87 4-Ethyltoluene	105	21.464	21.464	0.000	98	29016	0.5005	0.5323	
88 1,3,5-Trimethylbenzene	105	21.561	21.561	0.000	94	25462	0.5005	0.5436	

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	21.598	21.604	-0.006	91	12572	0.5005	0.6358	
90 Alpha Methyl Styrene	118	21.892	21.892	0.000	92	13922	0.5005	0.5479	
91 tert-Butylbenzene	119	22.048	22.053	-0.005	96	26670	0.5005	0.5638	
92 1,2,4-Trimethylbenzene	105	22.138	22.139	0.000	97	26721	0.5005	0.5704	
93 sec-Butylbenzene	105	22.385	22.385	0.000	98	37098	0.5005	0.5560	
94 1,3-Dichlorobenzene	146	22.556	22.550	0.006	94	18872	0.5005	0.5376	
95 4-Isopropyltoluene	119	22.604	22.604	0.000	97	32466	0.5005	0.5505	
96 1,4-Dichlorobenzene	146	22.700	22.700	0.000	97	17670	0.5005	0.5216	
97 Benzyl chloride	91	22.850	22.845	0.005	100	17806	0.5005	0.5042	
98 n-Butylbenzene	91	23.160	23.160	0.000	96	25777	0.5005	0.5507	
99 1,2-Dichlorobenzene	146	23.182	23.182	0.000	99	18431	0.5005	0.5528	
100 Undecane	57	23.315	23.315	0.000	89	11902	0.5005	0.6092	
101 Dodecane	57	24.867	24.862	0.005	95	9794	0.5005	0.6084	
102 1,2,4-Trichlorobenzene	180	25.562	25.562	0.000	91	11402	0.5005	0.5228	
103 Hexachlorobutadiene	225	25.803	25.803	0.000	94	19424	0.5005	0.5681	
104 Naphthalene	128	26.022	26.022	0.000	99	19181	0.5005	0.5068	
105 1,2,3-Trichlorobenzene	180	26.418	26.418	0.000	94	10565	0.5005	0.6036	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15CAL2w_00326

Amount Added: 200.00

Units: mL

ATTO15WISs_00010

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-006.d

Injection Date: 01-Dec-2022 17:32:30

Instrument ID: CHW.i

Operator ID: vtp

Lims ID: ic

Worklist Smp#: 6

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

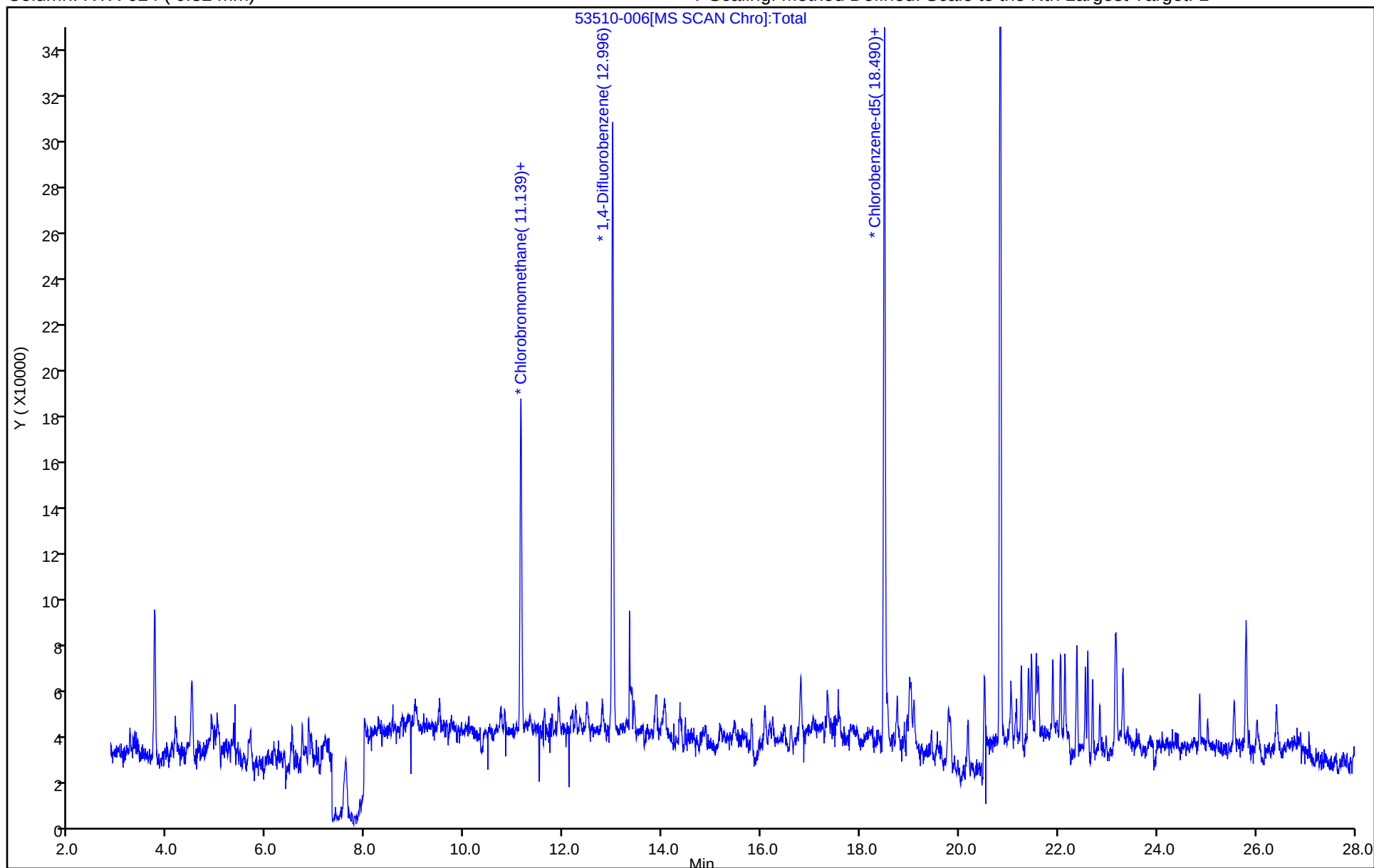
ALS Bottle#: 6

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

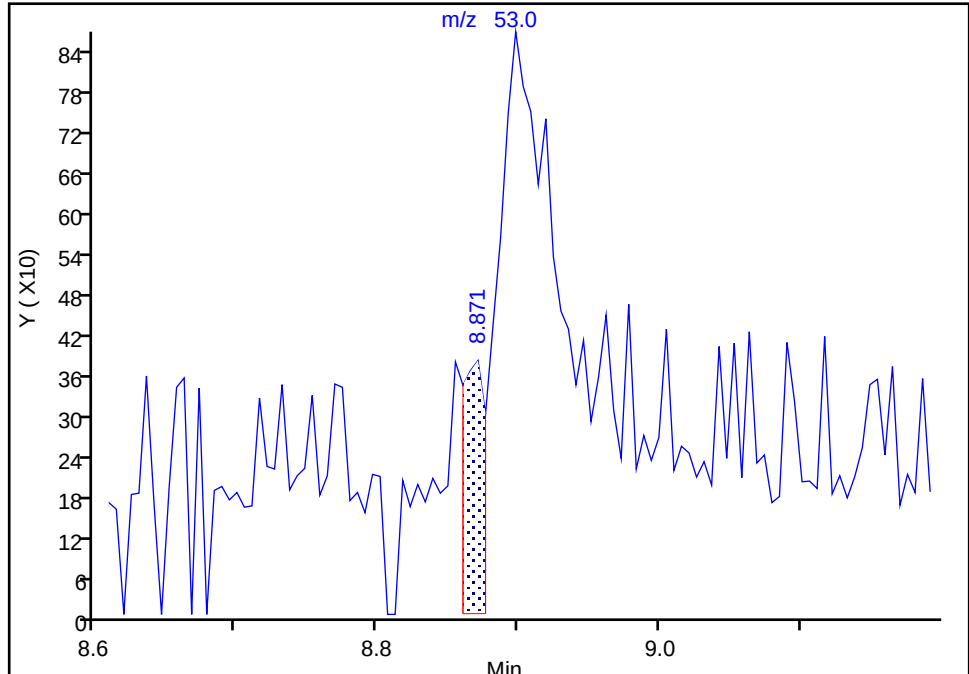
Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-006.d
Injection Date: 01-Dec-2022 17:32:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

29 Acrylonitrile, CAS: 107-13-1

Signal: 1

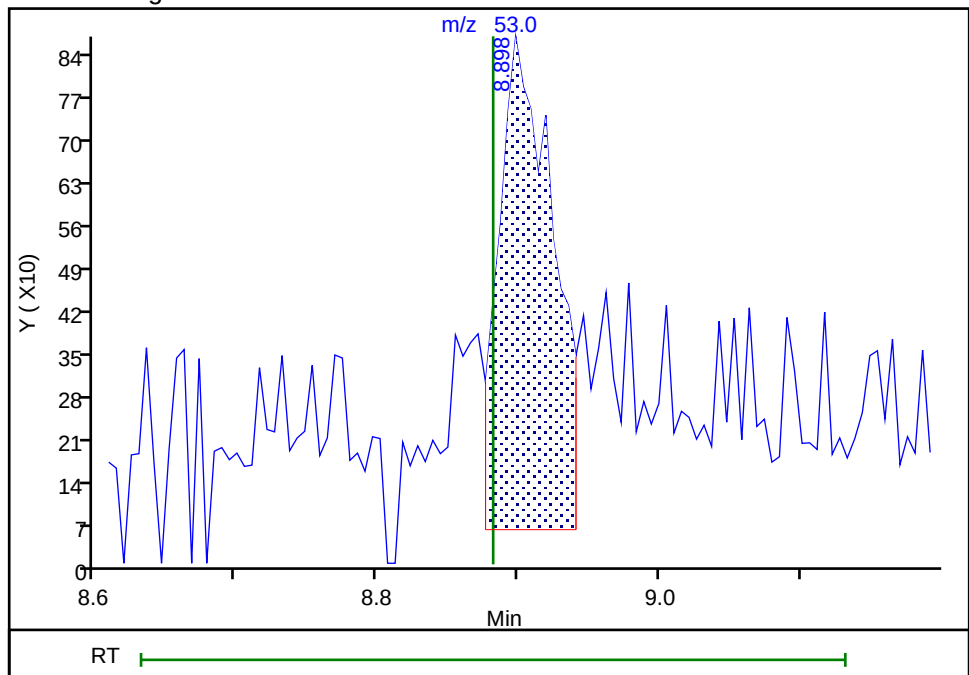
RT: 8.87
Area: 444
Amount: 0.125412
Amount Units: ppb v/v

Processing Integration Results



RT: 8.90
Area: 2204
Amount: 0.529192
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 02-Dec-2022 07:09:00
Audit Action: Manually Integrated

Audit Reason: Baseline
Page 641 of 981

12/8/2022 3:46
PM

Eurofins Burlington

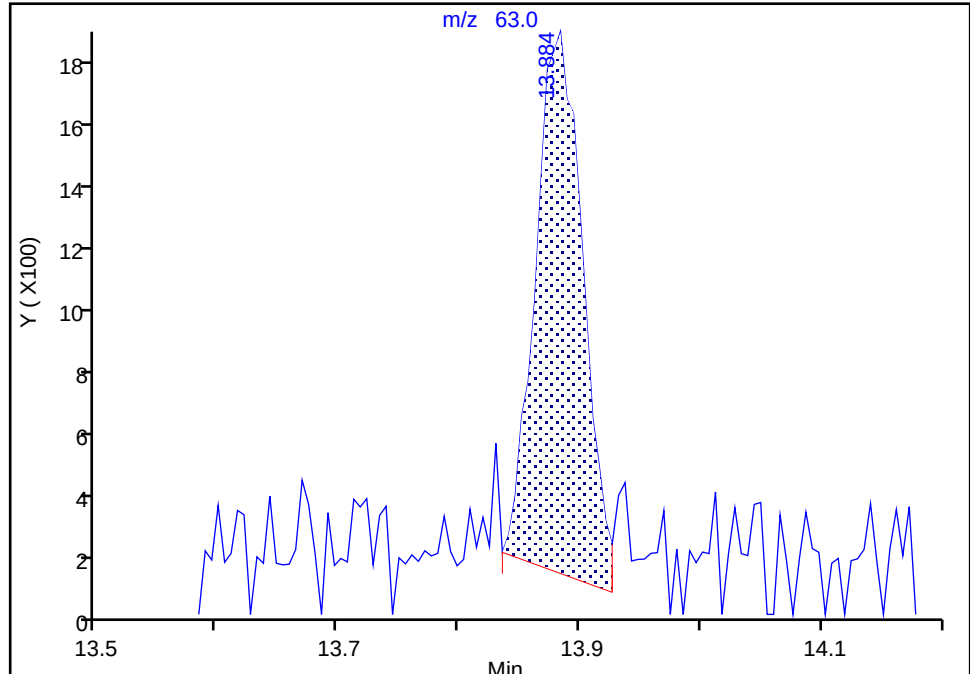
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Injection Date: 01-Dec-2022 17:32:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

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

Signal: 1

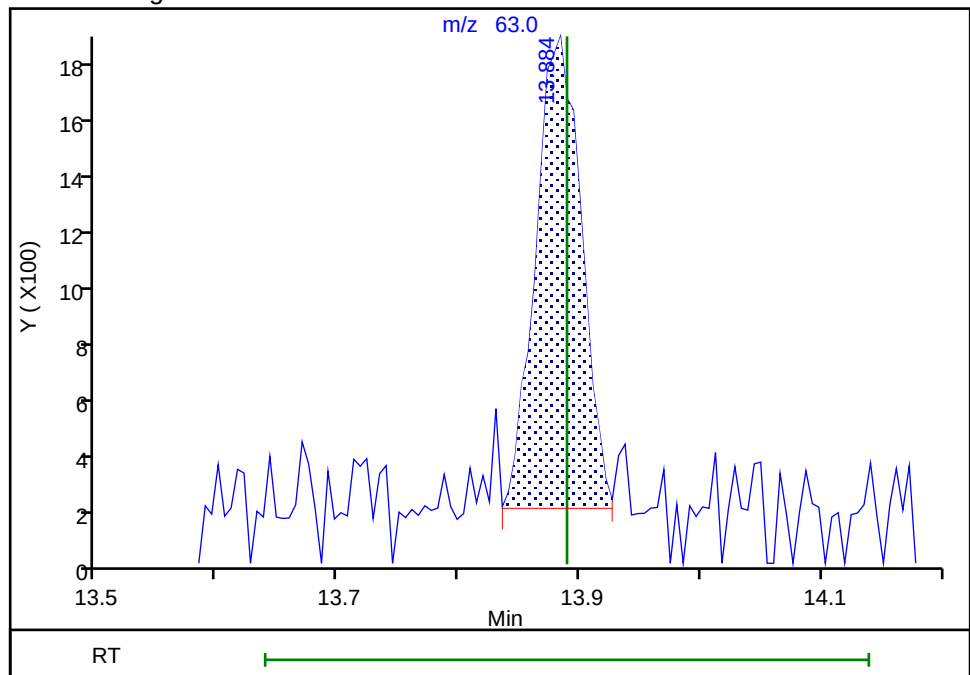
RT: 13.88
Area: 4629
Amount: 0.555742
Amount Units: ppb v/v

Processing Integration Results



RT: 13.88
Area: 4263
Amount: 0.518302
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 02-Dec-2022 07:08:19

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Burlington

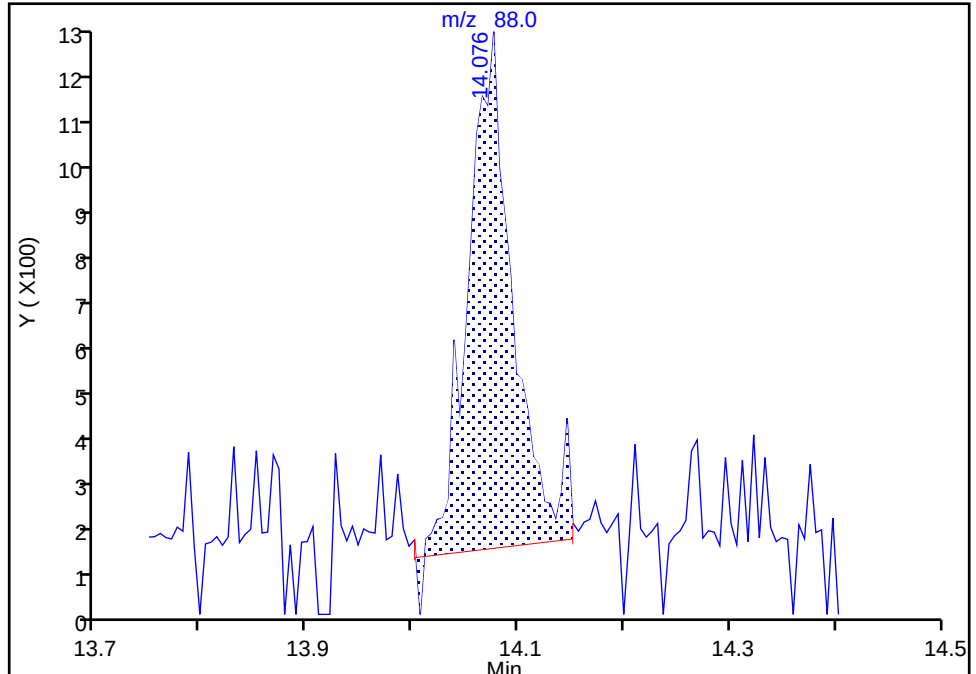
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Injection Date: 01-Dec-2022 17:32:30 Instrument ID: CHW.i
Lims ID: ic
Client ID:
Operator ID: vtp ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

55 1,4-Dioxane, CAS: 123-91-1

Signal: 1

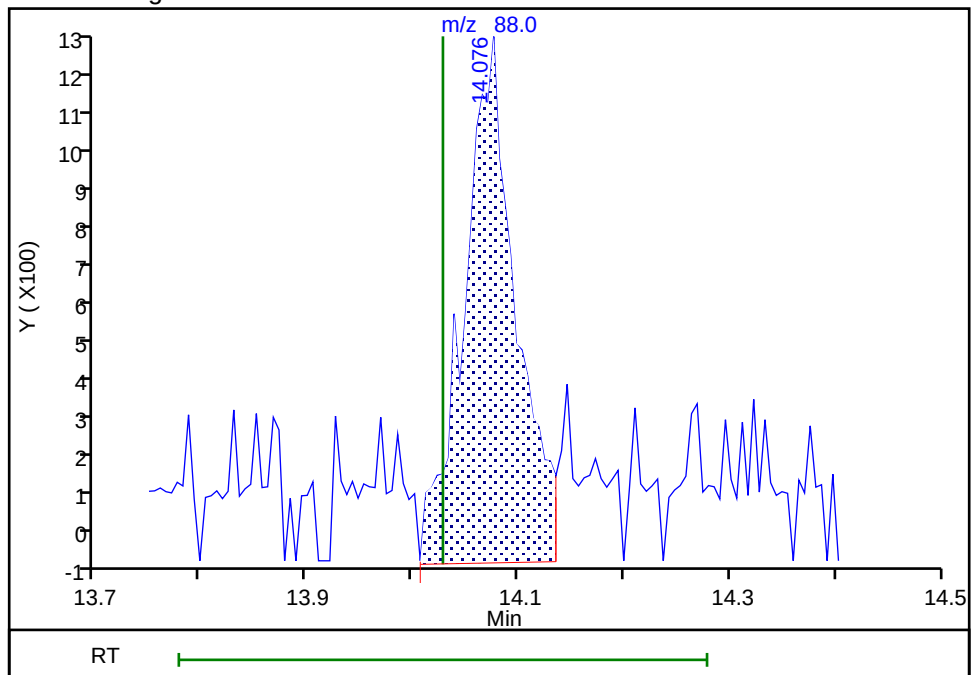
RT: 14.08
Area: 3358
Amount: 0.550608
Amount Units: ppb v/v

Processing Integration Results



RT: 14.08
Area: 4375
Amount: 0.684768
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 02-Dec-2022 07:08:05

Audit Action: Manually Integrated

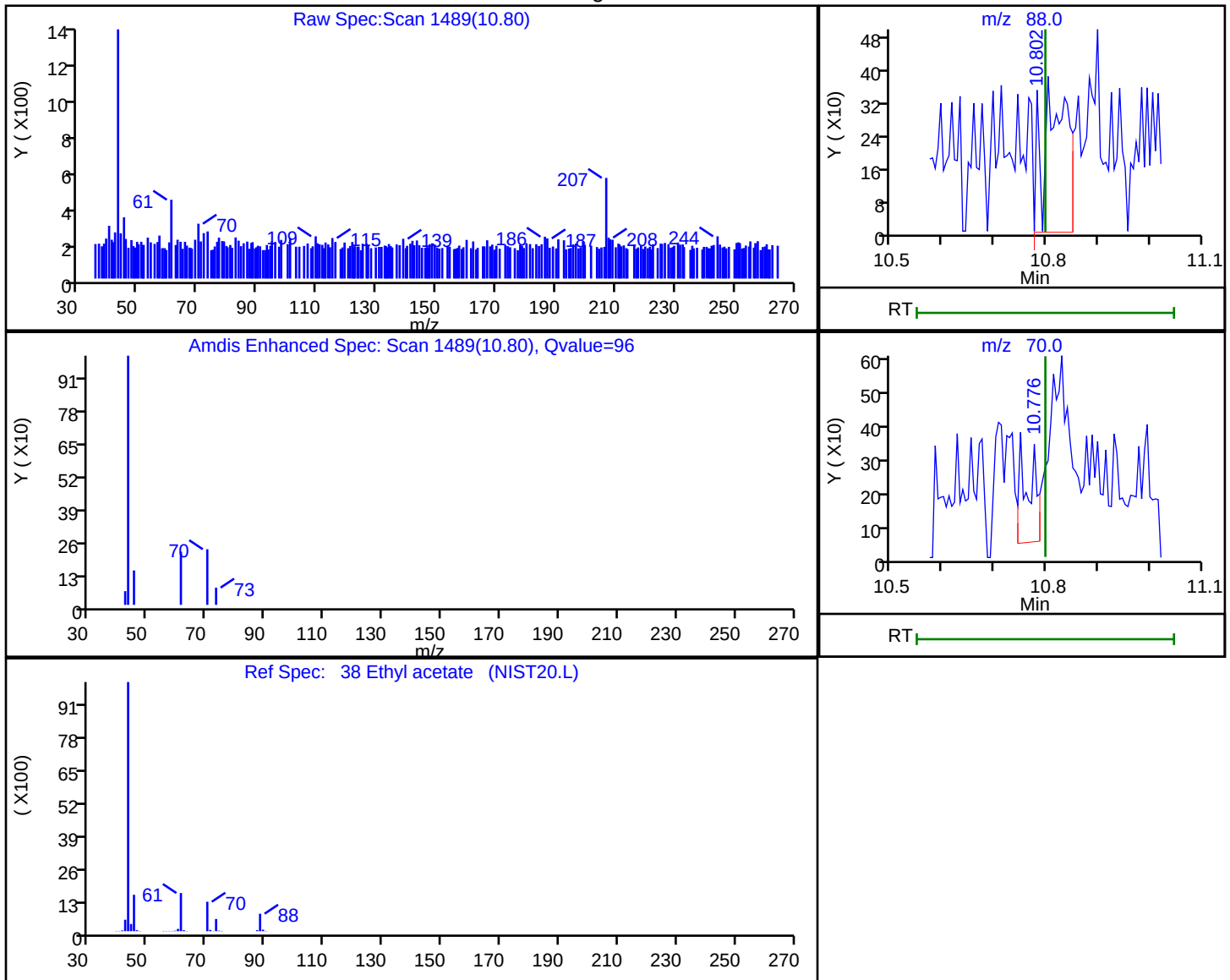
Audit Reason: Baseline

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-006.d
Injection Date: 01-Dec-2022 17:32:30 Instrument ID: CHW.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_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

38 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
10.80	88.00	1148	1.066497
10.78	70.00	490	

Reviewer: BKZ7, 02-Dec-2022 07:08:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-007.d
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 01-Dec-2022 18:25:30 ALS Bottle#: 7 Worklist Smp#: 7
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053510-007
 Misc. Info.: ic-4
 Operator ID: vtp Instrument ID: CHW.i
 Sublist: chrom-TO15_TO3_MasterMethod_W*sub5
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 02-Dec-2022 07:26:48 Calib Date: 01-Dec-2022 23:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-013.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1651

First Level Reviewer: BKZ7

Date: 02-Dec-2022 07:07:22

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	4.062	4.062	0.000	97	35647	4.99	5.25	M
2 Dichlorodifluoromethane	85	4.147	4.147	0.000	99	159883	4.99	5.02	
3 Chlorodifluoromethane	51	4.185	4.185	0.000	97	75848	4.99	5.12	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.479	4.479	0.000	94	176428	4.99	4.82	
5 Chloromethane	50	4.591	4.591	0.000	99	43332	4.99	4.96	
6 Vinyl chloride	62	4.880	4.880	0.000	100	52412	4.99	4.25	
7 Butane	43	4.880	4.886	-0.006	99	58138	4.99	5.01	
8 Butadiene	54	4.987	4.993	-0.006	88	36777	4.99	4.11	
9 Bromomethane	94	5.677	5.683	-0.006	99	64890	4.99	4.69	
10 Chloroethane	64	5.940	5.945	-0.005	98	30050	4.99	4.90	
12 2-Methylbutane	43	6.143	6.148	-0.005	88	46961	4.99	4.53	
13 Vinyl bromide	106	6.352	6.357	-0.005	100	65666	4.99	4.74	
14 Trichlorofluoromethane	101	6.512	6.517	-0.005	98	142615	4.99	4.78	
15 Pentane	43	6.715	6.721	-0.006	95	64214	4.99	4.92	
16 Ethanol	45	6.876	6.876	0.000	97	36750	10.0	11.3	
18 Ethyl ether	59	7.127	7.133	-0.006	84	31933	4.99	4.89	
19 Acrolein	56	7.363	7.363	0.000	96	17541	4.99	5.21	
20 1,1-Dichloroethene	96	7.561	7.566	-0.005	91	55328	4.99	4.28	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	7.598	7.603	-0.005	94	113815	4.99	4.74	
22 Acetone	43	7.641	7.641	0.000	96	48290	4.99	5.31	
23 Isopropyl alcohol	45	7.935	7.935	0.000	100	57139	4.99	5.37	
24 Carbon disulfide	76	7.967	7.972	-0.005	98	126883	4.99	4.92	
25 Acetonitrile	41	8.251	8.256	-0.005	77	40348	4.99	5.26	
26 3-Chloro-1-propene	41	8.251	8.256	-0.005	93	39223	4.99	4.60	
27 Methylene Chloride	49	8.486	8.486	0.000	80	35401	4.99	5.04	
28 2-Methyl-2-propanol	59	8.711	8.705	0.006	100	73686	4.99	5.20	
29 Acrylonitrile	53	8.877	8.882	-0.005	97	21089	4.99	5.08	
30 trans-1,2-Dichloroethene	61	8.984	8.989	-0.005	90	48972	4.99	4.30	
31 Methyl tert-butyl ether	73	9.000	9.005	-0.005	95	115545	4.99	4.84	
32 Hexane	57	9.492	9.497	-0.005	88	49414	4.99	4.59	

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	9.738	9.743	-0.005	99	60389	4.99	4.49	
34 Vinyl acetate	43	9.754	9.759	-0.005	99	70223	4.99	5.22	
S 35 1,2-Dichloroethene, Total	61				0		9.99	8.87	
36 2-Butanone (MEK)	72	10.712	10.712	0.000	95	21047	4.99	5.37	
37 cis-1,2-Dichloroethene	96	10.728	10.733	-0.005	84	46375	4.99	4.57	
38 Ethyl acetate	88	10.797	10.797	0.000	99	4935	4.99	5.94	
* 39 Chlorobromomethane	128	11.139	11.150	-0.011	71	69422	10.0	10.0	
40 Tetrahydrofuran	42	11.198	11.198	0.000	81	28014	4.99	5.11	
41 Chloroform	83	11.316	11.327	-0.011	94	84358	4.99	4.60	
42 1,1,1-Trichloroethane	97	11.626	11.632	-0.006	96	94034	4.99	4.56	
43 Cyclohexane	84	11.765	11.771	-0.006	92	56713	4.99	4.55	
44 Carbon tetrachloride	117	11.910	11.910	0.000	99	104976	4.99	4.37	
45 Benzene	78	12.247	12.258	-0.011	94	126158	4.99	4.60	
46 1,2-Dichloroethane	62	12.327	12.332	-0.005	91	49428	4.99	4.41	
47 Isooctane	57	12.472	12.482	-0.010	98	161817	4.99	4.70	
48 n-Heptane	43	12.787	12.793	-0.006	83	49924	4.99	4.56	
* 49 1,4-Difluorobenzene	114	12.996	13.001	-0.005	92	342910	10.0	10.0	
50 n-Butanol	56	13.237	13.237	0.000	85	22868	4.99	5.01	
51 Trichloroethene	95	13.429	13.429	0.000	94	62413	4.99	4.37	
53 1,2-Dichloropropane	63	13.879	13.889	-0.010	91	39395	4.99	4.73	
54 Methyl methacrylate	69	13.986	13.986	0.000	91	40239	4.99	5.03	
55 1,4-Dioxane	88	14.034	14.028	0.006	83	29727	4.99	4.60	
57 Dibromomethane	174	14.039	14.044	-0.005	87	76978	4.99	4.57	
58 Dichlorobromomethane	83	14.355	14.360	-0.005	98	92386	4.99	4.57	
59 cis-1,3-Dichloropropene	75	15.162	15.162	0.000	88	76459	4.99	4.56	
61 4-Methyl-2-pentanone (MIBK)	43	15.435	15.430	0.005	92	61273	4.99	4.93	
62 Toluene	92	15.804	15.810	-0.006	93	102493	4.99	4.64	
A 63 Toluene Range	1	15.818	(15.735-15.890)		0	344498	NC	NC	
64 n-Octane	43	16.067	16.072	-0.005	86	70413	4.99	4.77	
A 65 C8 Range	1	16.051	(16.008-16.158)		0	341529	NC	NC	
66 trans-1,3-Dichloropropene	75	16.222	16.227	-0.005	93	67855	4.99	4.79	
67 1,1,2-Trichloroethane	83	16.596	16.602	-0.006	92	45715	4.99	4.56	
68 Tetrachloroethene	166	16.799	16.805	-0.006	94	114188	4.99	4.47	
69 2-Hexanone	43	17.024	17.019	0.005	98	58606	4.99	5.01	
70 Chlorodibromomethane	129	17.340	17.340	0.000	97	119685	4.99	4.72	
71 Ethylene Dibromide	107	17.575	17.575	0.000	100	96635	4.99	4.77	
* 73 Chlorobenzene-d5	117	18.490	18.490	0.000	82	304846	10.0	10.0	
74 Chlorobenzene	112	18.549	18.554	-0.005	99	154093	4.99	4.67	
75 Ethylbenzene	91	18.747	18.747	0.000	96	226650	4.99	4.76	
76 m-Xylene & p-Xylene	106	19.014	19.014	0.000	0	197425	9.99	9.76	
77 n-Nonane	57	19.089	19.089	0.000	86	85321	4.99	4.83	
78 o-Xylene	106	19.785	19.785	0.000	99	96989	4.99	4.75	
79 Styrene	104	19.822	19.822	0.000	96	149613	4.99	4.83	
S 80 Xylenes, Total	106				0		15.0	14.5	
81 Bromoform	173	20.180	20.181	-0.001	99	133999	4.99	4.78	
82 Isopropylbenzene	105	20.518	20.518	0.000	97	278532	4.99	4.81	
83 1,1,2,2-Tetrachloroethane	83	21.047	21.053	-0.006	99	120495	4.99	4.70	
84 1,2,3-Trichloropropane	75	21.149	21.149	0.000	95	91123	4.99	5.07	
85 N-Propylbenzene	91	21.256	21.256	0.000	99	305204	4.99	4.82	
86 2-Chlorotoluene	91	21.406	21.406	0.000	95	193412	4.99	4.79	
87 4-Ethyltoluene	105	21.464	21.464	0.000	98	273526	4.99	4.91	
88 1,3,5-Trimethylbenzene	105	21.561	21.561	0.000	94	232691	4.99	4.86	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
89 n-Decane	57	21.604	21.604	0.000	90	106186	4.99	5.26	
90 Alpha Methyl Styrene	118	21.892	21.892	0.000	92	127956	4.99	4.93	
91 tert-Butylbenzene	119	22.053	22.053	0.000	95	234598	4.99	4.85	
92 1,2,4-Trimethylbenzene	105	22.138	22.139	0.000	96	231907	4.99	4.85	
93 sec-Butylbenzene	105	22.385	22.385	0.000	99	332779	4.99	4.88	
94 1,3-Dichlorobenzene	146	22.550	22.550	0.000	94	171939	4.99	4.79	
95 4-Isopropyltoluene	119	22.604	22.604	0.000	98	295429	4.99	4.90	
96 1,4-Dichlorobenzene	146	22.700	22.700	0.000	97	163025	4.99	4.71	
97 Benzyl chloride	91	22.845	22.845	0.000	100	178045	4.99	4.93	
98 n-Butylbenzene	91	23.155	23.160	-0.005	97	234304	4.99	4.90	
99 1,2-Dichlorobenzene	146	23.182	23.182	0.000	99	164630	4.99	4.83	
100 Undecane	57	23.315	23.315	0.000	89	108862	4.99	5.45	
101 Dodecane	57	24.861	24.862	-0.001	95	83630	4.99	5.08	
102 1,2,4-Trichlorobenzene	180	25.562	25.562	0.000	92	100642	4.99	4.52	
103 Hexachlorobutadiene	225	25.803	25.803	0.000	94	154385	4.99	4.42	
104 Naphthalene	128	26.022	26.022	0.000	99	174456	4.99	4.51	
105 1,2,3-Trichlorobenzene	180	26.418	26.418	0.000	96	80840	4.99	4.52	
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_00257

Amount Added: 200.00

Units: mL

ATTO15WISs_00010

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 02-Dec-2022 07:26:48

Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-007.d

Injection Date: 01-Dec-2022 18:25:30

Instrument ID: CHW.i

Operator ID: vtp

Lims ID: ic

Worklist Smp#: 7

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

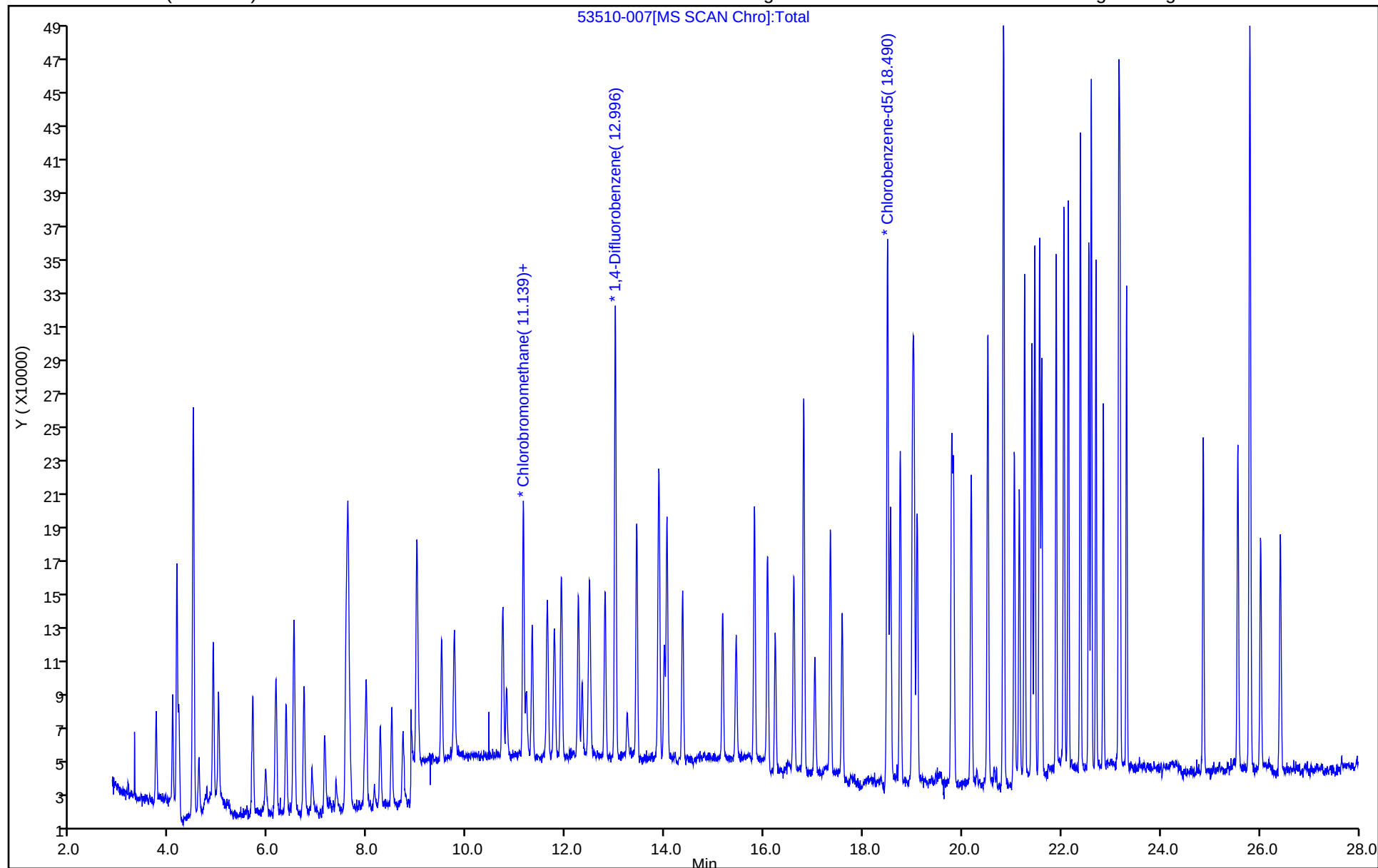
ALS Bottle#: 7

Method: TO15_TO3_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

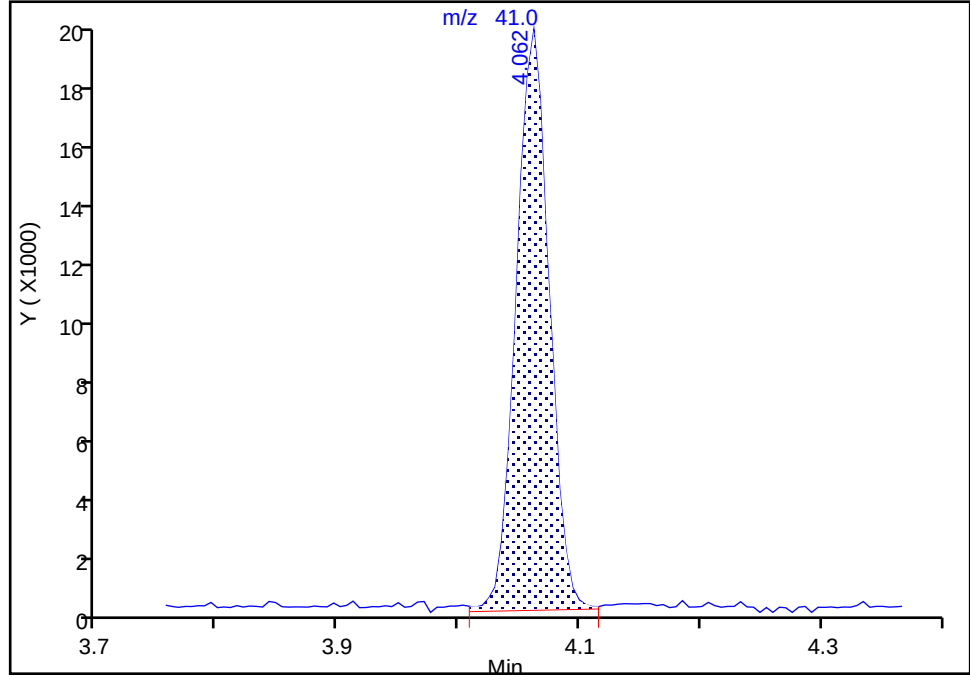
Data File:	\\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-007.d		
Injection Date:	01-Dec-2022 18:25:30	Instrument ID:	CHW.i
Lims ID:	ic		
Client ID:			
Operator ID:	vtp	ALS Bottle#:	7
Purge Vol:	200.000 mL	Dil. Factor:	1.0000
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	7

1 Propene, CAS: 115-07-1

Signal: 1

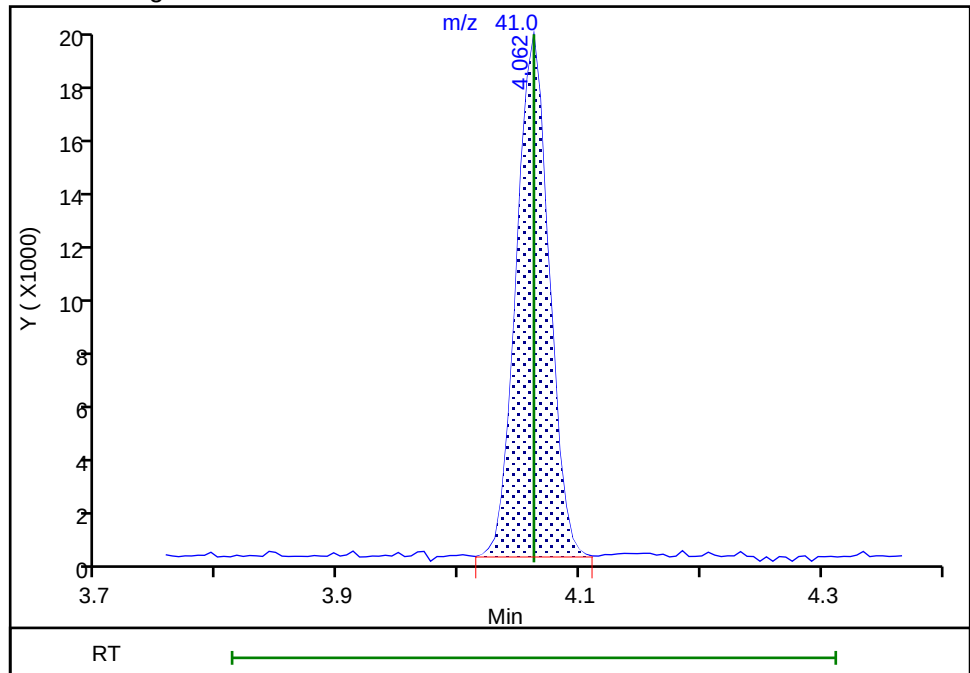
RT: 4.06
Area: 36359
Amount: 3.797248
Amount Units: ppb v/v

Processing Integration Results



RT: 4.06
Area: 35647
Amount: 5.249992
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 02-Dec-2022 07:06:53
Audit Action: Manually Integrated

Audit Reason: Baseline
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12/8/2022 3:46
PM

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-008.d
 Lims ID: icis
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 01-Dec-2022 19:17:30 ALS Bottle#: 8 Worklist Smp#: 8
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053510-008
 Misc. Info.: icis
 Operator ID: vtp Instrument ID: CHW.i
 Sublist: chrom-TO15_TO3_MasterMethod_W*sub5
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 02-Dec-2022 07:26:50 Calib Date: 01-Dec-2022 23:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-013.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1651

First Level Reviewer: BKZ7

Date: 02-Dec-2022 07:04:42

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	4.062	4.062	0.000	99	70910	10.0	10.2	
2 Dichlorodifluoromethane	85	4.153	4.153	0.000	98	319098	10.0	9.80	
3 Chlorodifluoromethane	51	4.190	4.190	0.000	97	149384	10.0	9.87	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.479	4.479	0.000	95	352896	10.0	9.44	
5 Chloromethane	50	4.597	4.597	0.000	99	87557	10.0	9.82	
6 Vinyl chloride	62	4.886	4.886	0.000	100	105563	10.0	8.38	
7 Butane	43	4.886	4.886	0.000	97	116574	10.0	9.83	
8 Butadiene	54	4.993	4.993	0.000	88	73771	10.0	8.08	
9 Bromomethane	94	5.683	5.683	0.000	99	128560	10.0	9.09	
10 Chloroethane	64	5.945	5.945	0.000	98	57908	10.0	9.24	
12 2-Methylbutane	43	6.154	6.154	0.000	89	93332	10.0	8.80	
13 Vinyl bromide	106	6.357	6.357	0.000	99	128591	10.0	9.08	
14 Trichlorofluoromethane	101	6.517	6.517	0.000	98	284547	10.0	9.33	
15 Pentane	43	6.721	6.721	0.000	95	126214	10.0	9.46	
16 Ethanol	45	6.881	6.881	0.000	97	49380	15.0	14.8	
18 Ethyl ether	59	7.133	7.133	0.000	84	59773	10.0	8.96	
19 Acrolein	56	7.368	7.368	0.000	95	34192	10.0	9.93	
20 1,1-Dichloroethene	96	7.566	7.566	0.000	90	110568	10.0	8.36	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	7.603	7.603	0.000	96	223455	10.0	9.12	
22 Acetone	43	7.641	7.641	0.000	96	95516	10.0	10.3	
23 Isopropyl alcohol	45	7.935	7.935	0.000	100	111763	10.0	10.3	
24 Carbon disulfide	76	7.978	7.978	0.000	98	254790	10.0	9.67	
25 Acetonitrile	41	8.261	8.261	0.000	73	81194	10.0	10.4	
26 3-Chloro-1-propene	41	8.261	8.261	0.000	94	80229	10.0	9.20	
27 Methylene Chloride	49	8.486	8.486	0.000	79	67895	10.0	9.46	
28 2-Methyl-2-propanol	59	8.705	8.705	0.000	100	148963	10.0	10.3	
29 Acrylonitrile	53	8.882	8.882	0.000	94	41168	10.0	9.70	
30 trans-1,2-Dichloroethene	61	8.989	8.989	0.000	91	101843	10.0	8.75	
31 Methyl tert-butyl ether	73	9.005	9.005	0.000	95	230918	10.0	9.46	
32 Hexane	57	9.497	9.497	0.000	88	100355	10.0	9.13	

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	9.743	9.743	0.000	99	122819	10.0	8.93	
34 Vinyl acetate	43	9.759	9.759	0.000	99	139353	10.0	10.1	
S 35 1,2-Dichloroethene, Total	61				0		20.0	17.8	
36 2-Butanone (MEK)	72	10.712	10.712	0.000	95	41225	10.0	10.3	
37 cis-1,2-Dichloroethene	96	10.733	10.733	0.000	84	93645	10.0	9.03	
38 Ethyl acetate	88	10.808	10.808	0.000	99	7626	10.0	8.99	
* 39 Chlorobromomethane	128	11.145	11.145	0.000	71	70939	10.0	10.0	
40 Tetrahydrofuran	42	11.198	11.198	0.000	80	55774	10.0	10.0	
41 Chloroform	83	11.327	11.327	0.000	95	171731	10.0	9.17	
42 1,1,1-Trichloroethane	97	11.632	11.632	0.000	96	192261	10.0	9.20	
43 Cyclohexane	84	11.771	11.771	0.000	90	116504	10.0	9.22	
44 Carbon tetrachloride	117	11.910	11.910	0.000	99	213758	10.0	8.77	
45 Benzene	78	12.258	12.258	0.000	93	257274	10.0	9.25	
46 1,2-Dichloroethane	62	12.333	12.333	0.000	91	101176	10.0	8.90	
47 Isooctane	57	12.482	12.482	0.000	98	326203	10.0	9.35	
48 n-Heptane	43	12.793	12.793	0.000	83	101769	10.0	9.16	
* 49 1,4-Difluorobenzene	114	13.001	13.001	0.000	92	347794	10.0	10.0	
50 n-Butanol	56	13.237	13.237	0.000	83	48366	10.0	10.5	
51 Trichloroethene	95	13.429	13.429	0.000	94	125354	10.0	8.65	
53 1,2-Dichloropropane	63	13.884	13.884	0.000	92	80120	10.0	9.49	
54 Methyl methacrylate	69	13.986	13.986	0.000	91	82773	10.0	10.2	
55 1,4-Dioxane	88	14.028	14.028	0.000	86	60028	10.0	9.15	
57 Dibromomethane	174	14.044	14.044	0.000	87	157738	10.0	9.23	
58 Dichlorobromomethane	83	14.360	14.360	0.000	97	189236	10.0	9.22	
59 cis-1,3-Dichloropropene	75	15.163	15.163	0.000	88	157887	10.0	9.28	
61 4-Methyl-2-pentanone (MIBK)	43	15.430	15.430	0.000	92	127627	10.0	10.1	
62 Toluene	92	15.805	15.805	0.000	93	207945	10.0	9.24	
A 63 Toluene Range	1	15.818	(15.740-15.895)		0	749755	NC	NC	
64 n-Octane	43	16.072	16.072	0.000	81	138635	10.0	9.25	
A 65 C8 Range	1	16.051	(15.965-16.136)		0	644030	NC	NC	
66 trans-1,3-Dichloropropene	75	16.227	16.227	0.000	93	140863	10.0	9.80	
67 1,1,2-Trichloroethane	83	16.602	16.602	0.000	92	91192	10.0	8.94	
68 Tetrachloroethene	166	16.800	16.800	0.000	95	227720	10.0	8.77	
69 2-Hexanone	43	17.019	17.019	0.000	98	121170	10.0	10.2	
70 Chlorodibromomethane	129	17.340	17.340	0.000	98	243456	10.0	9.44	
71 Ethylene Dibromide	107	17.575	17.575	0.000	99	194923	10.0	9.46	
* 73 Chlorobenzene-d5	117	18.490	18.490	0.000	82	310128	10.0	10.0	
74 Chlorobenzene	112	18.549	18.549	0.000	99	308768	10.0	9.20	
75 Ethylbenzene	91	18.747	18.747	0.000	96	453568	10.0	9.37	
76 m-Xylene & p-Xylene	106	19.014	19.014	0.000	0	384253	20.0	18.7	
77 n-Nonane	57	19.089	19.089	0.000	81	162679	10.0	9.05	
78 o-Xylene	106	19.785	19.785	0.000	99	190751	10.0	9.18	
79 Styrene	104	19.822	19.822	0.000	96	301508	10.0	9.57	
S 80 Xylenes, Total	106				0		30.0	27.9	
81 Bromoform	173	20.181	20.181	0.000	99	267750	10.0	9.39	
82 Isopropylbenzene	105	20.518	20.518	0.000	98	546973	10.0	9.28	
83 1,1,2,2-Tetrachloroethane	83	21.047	21.047	0.000	99	241150	10.0	9.25	
84 1,2,3-Trichloropropane	75	21.149	21.149	0.000	95	181114	10.0	9.91	
85 N-Propylbenzene	91	21.256	21.256	0.000	99	601933	10.0	9.35	
86 2-Chlorotoluene	91	21.406	21.406	0.000	96	380748	10.0	9.28	
87 4-Ethyltoluene	105	21.465	21.465	0.000	98	534100	10.0	9.43	
88 1,3,5-Trimethylbenzene	105	21.561	21.561	0.000	94	453908	10.0	9.32	

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	21.604	21.604	0.000	90	201975	10.0	9.83	
90 Alpha Methyl Styrene	118	21.893	21.893	0.000	92	250996	10.0	9.50	
91 tert-Butylbenzene	119	22.053	22.053	0.000	95	453802	10.0	9.23	
92 1,2,4-Trimethylbenzene	105	22.139	22.139	0.000	96	449612	10.0	9.23	
93 sec-Butylbenzene	105	22.385	22.385	0.000	99	637512	10.0	9.19	
94 1,3-Dichlorobenzene	146	22.551	22.551	0.000	94	342057	10.0	9.38	
95 4-Isopropyltoluene	119	22.604	22.604	0.000	97	568934	10.0	9.28	
96 1,4-Dichlorobenzene	146	22.700	22.700	0.000	97	330216	10.0	9.38	
97 Benzyl chloride	91	22.845	22.845	0.000	100	366364	10.0	9.98	
98 n-Butylbenzene	91	23.155	23.155	0.000	97	460143	10.0	9.46	
99 1,2-Dichlorobenzene	146	23.182	23.182	0.000	99	322040	10.0	9.29	
100 Undecane	57	23.316	23.316	0.000	91	210699	10.0	10.4	
101 Dodecane	57	24.862	24.862	0.000	94	170032	10.0	10.2	
102 1,2,4-Trichlorobenzene	180	25.562	25.562	0.000	93	223587	10.0	9.86	
103 Hexachlorobutadiene	225	25.803	25.803	0.000	93	309182	10.0	8.70	
104 Naphthalene	128	26.022	26.022	0.000	99	392806	10.0	9.98	
105 1,2,3-Trichlorobenzene	180	26.418	26.418	0.000	96	174208	10.0	9.58	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL4w_00796

Amount Added: 200.00

Units: mL

ATTO15WISs_00010

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 02-Dec-2022 07:26:50

Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-008.d

Injection Date: 01-Dec-2022 19:17:30

Instrument ID: CHW.i

Operator ID: vtp

Lims ID: icis

Worklist Smp#: 8

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

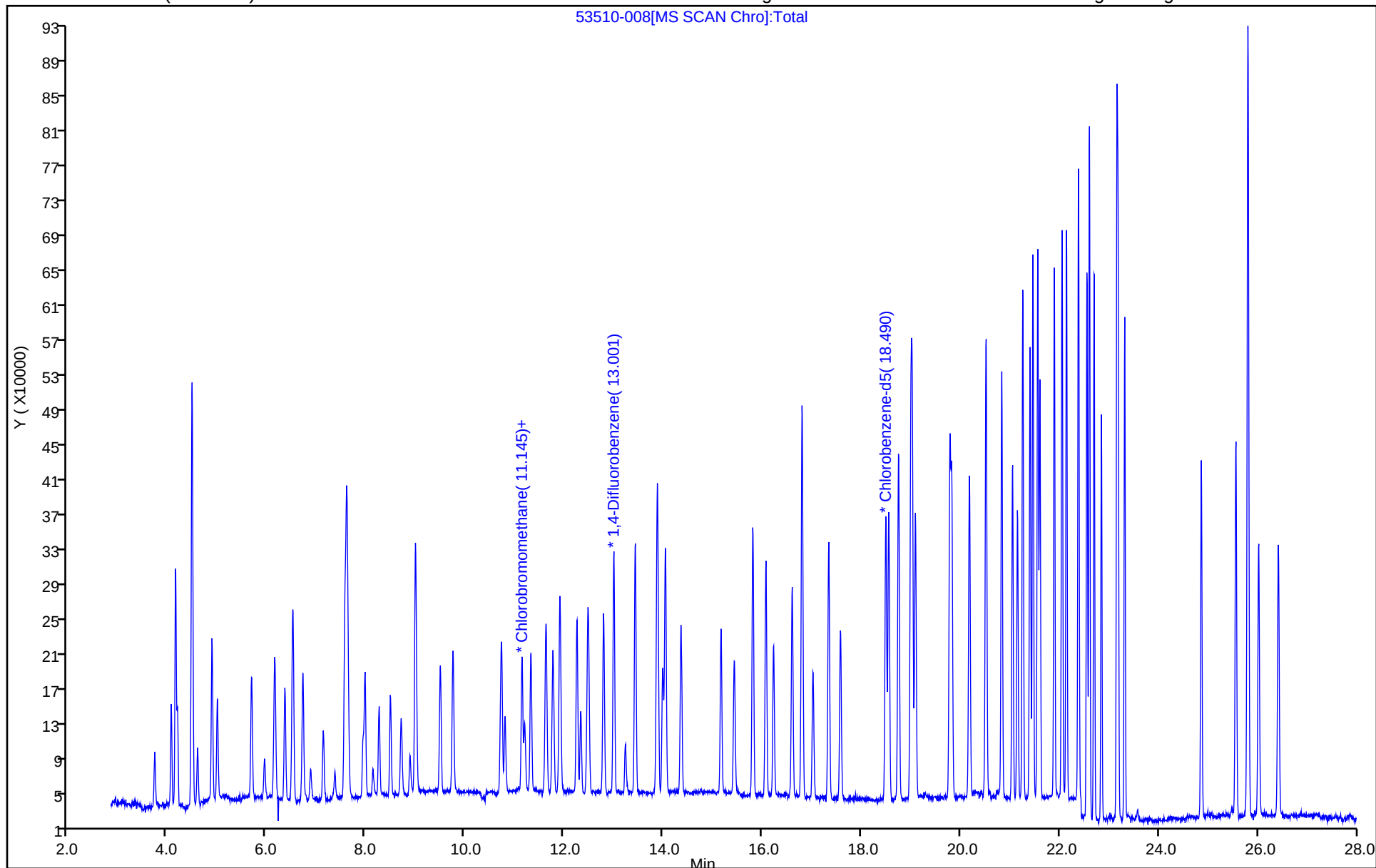
ALS Bottle#: 8

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



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-009.d
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 01-Dec-2022 20:09:30 ALS Bottle#: 9 Worklist Smp#: 9
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053510-009
 Misc. Info.: ic-6
 Operator ID: vtp Instrument ID: CHW.i
 Sublist: chrom-TO15_TO3_MasterMethod_W*sub5
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 02-Dec-2022 07:26:52 Calib Date: 01-Dec-2022 23:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-013.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1651

First Level Reviewer: BKZ7

Date: 02-Dec-2022 07:05:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.056	4.062	-0.006	98	106367	15.0	14.7	
2 Dichlorodifluoromethane	85	4.147	4.153	-0.006	99	485155	15.0	14.3	
3 Chlorodifluoromethane	51	4.185	4.190	-0.005	97	222679	15.0	14.1	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.479	4.479	0.000	98	529585	15.0	13.6	
5 Chloromethane	50	4.591	4.597	-0.006	99	129913	15.0	14.0	
6 Vinyl chloride	62	4.880	4.886	-0.006	100	157525	15.0	12.0	
7 Butane	43	4.886	4.886	0.000	98	175216	15.0	14.2	
8 Butadiene	54	4.993	4.993	0.000	88	109014	15.0	11.5	
9 Bromomethane	94	5.683	5.683	0.000	99	193195	15.0	13.1	
10 Chloroethane	64	5.945	5.945	0.000	98	86134	15.0	13.2	
12 2-Methylbutane	43	6.154	6.154	0.000	88	137604	15.0	12.5	
13 Vinyl bromide	106	6.357	6.357	0.000	100	195105	15.0	13.2	
14 Trichlorofluoromethane	101	6.523	6.517	0.006	98	427299	15.0	13.5	
15 Pentane	43	6.726	6.721	0.005	95	188170	15.0	13.6	
16 Ethanol	45	6.881	6.881	0.000	97	67512	20.0	19.5	
18 Ethyl ether	59	7.133	7.133	0.000	84	92258	15.0	13.3	
19 Acrolein	56	7.368	7.368	0.000	95	52107	15.0	14.5	
20 1,1-Dichloroethene	96	7.566	7.566	0.000	90	166063	15.0	12.1	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	7.609	7.603	0.006	94	339158	15.0	13.3	
22 Acetone	43	7.641	7.641	0.000	95	142384	15.0	14.7	
23 Isopropyl alcohol	45	7.935	7.935	0.000	100	166053	15.0	14.7	
24 Carbon disulfide	76	7.978	7.978	0.000	98	389044	15.0	14.2	
25 Acetonitrile	41	8.261	8.261	0.000	80	119715	15.0	14.7	
26 3-Chloro-1-propene	41	8.261	8.261	0.000	94	117918	15.0	13.0	
27 Methylene Chloride	49	8.491	8.486	0.005	79	102285	15.0	13.7	
28 2-Methyl-2-propanol	59	8.705	8.705	0.000	100	223310	15.0	14.8	
29 Acrylonitrile	53	8.887	8.882	0.005	95	64485	15.0	14.6	
30 trans-1,2-Dichloroethene	61	8.994	8.989	0.005	91	151748	15.0	12.5	
31 Methyl tert-butyl ether	73	9.005	9.005	0.000	95	348512	15.0	13.7	
32 Hexane	57	9.502	9.497	0.005	88	151040	15.0	13.2	

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	9.749	9.743	0.006	99	183060	15.0	12.8	
34 Vinyl acetate	43	9.759	9.759	0.000	99	213258	15.0	14.9	
S 35 1,2-Dichloroethene, Total	61				0		30.0	25.8	
36 2-Butanone (MEK)	72	10.711	10.712	-0.001	95	60644	15.0	14.5	
37 cis-1,2-Dichloroethene	96	10.738	10.733	0.005	84	143224	15.0	13.3	
38 Ethyl acetate	88	10.802	10.808	-0.006	99	12865	15.0	14.6	
* 39 Chlorobromomethane	128	11.150	11.145	0.005	71	73823	10.0	10.0	
40 Tetrahydrofuran	42	11.204	11.198	0.006	80	85132	15.0	14.5	
41 Chloroform	83	11.327	11.327	0.000	94	262055	15.0	13.4	
42 1,1,1-Trichloroethane	97	11.632	11.632	0.000	96	293803	15.0	13.3	
43 Cyclohexane	84	11.776	11.771	0.005	90	175064	15.0	13.1	
44 Carbon tetrachloride	117	11.915	11.910	0.005	99	327680	15.0	12.7	
45 Benzene	78	12.258	12.258	0.000	93	390905	15.0	13.3	
46 1,2-Dichloroethane	62	12.332	12.333	-0.001	91	153728	15.0	12.8	
47 Isooctane	57	12.482	12.482	0.000	99	491925	15.0	13.3	
48 n-Heptane	43	12.798	12.793	0.005	83	150622	15.0	12.8	
* 49 1,4-Difluorobenzene	114	13.007	13.001	0.006	92	367846	10.0	10.0	
50 n-Butanol	56	13.231	13.237	-0.006	83	71755	15.0	14.7	
51 Trichloroethene	95	13.434	13.429	0.005	94	191390	15.0	12.5	
53 1,2-Dichloropropane	63	13.889	13.884	0.005	91	117566	15.0	13.2	
54 Methyl methacrylate	69	13.986	13.986	0.000	91	124637	15.0	14.5	
55 1,4-Dioxane	88	14.023	14.028	-0.005	84	86127	15.0	12.4	
57 Dibromomethane	174	14.044	14.044	0.000	87	238137	15.0	13.2	
58 Dichlorobromomethane	83	14.360	14.360	0.000	98	288867	15.0	13.3	
59 cis-1,3-Dichloropropene	75	15.168	15.163	0.005	88	238521	15.0	13.3	
61 4-Methyl-2-pentanone (MIBK)	43	15.430	15.430	0.000	92	194000	15.0	14.5	
62 Toluene	92	15.810	15.805	0.005	94	312185	15.0	13.3	
A 63 Toluene Range	1	15.818	(15.740-15.895)		0	1171434	NC	NC	
A 65 C8 Range	1	16.051	(15.965-16.136)		0	992943	NC	NC	
64 n-Octane	43	16.072	16.072	0.000	81	205200	15.0	12.9	
66 trans-1,3-Dichloropropene	75	16.227	16.227	0.000	93	210054	15.0	13.8	
67 1,1,2-Trichloroethane	83	16.602	16.602	0.000	92	137443	15.0	12.9	
68 Tetrachloroethene	166	16.805	16.800	0.005	94	347428	15.0	12.8	
69 2-Hexanone	43	17.019	17.019	0.000	98	183678	15.0	14.8	
70 Chlorodibromomethane	129	17.340	17.340	0.000	97	374830	15.0	13.9	
71 Ethylene Dibromide	107	17.575	17.575	0.000	99	291671	15.0	13.6	
* 73 Chlorobenzene-d5	117	18.495	18.490	0.005	81	323259	10.0	10.0	
74 Chlorobenzene	112	18.554	18.549	0.005	99	464835	15.0	13.3	
75 Ethylbenzene	91	18.752	18.747	0.005	96	674245	15.0	13.4	
76 m-Xylene & p-Xylene	106	19.014	19.014	0.000	0	565593	30.0	26.4	
77 n-Nonane	57	19.089	19.089	0.000	80	237796	15.0	12.7	
78 o-Xylene	106	19.785	19.785	0.000	98	280935	15.0	13.0	
79 Styrene	104	19.822	19.822	0.000	96	441313	15.0	13.4	
S 80 Xylenes, Total	106				0		45.0	39.3	
81 Bromoform	173	20.180	20.181	-0.001	99	425985	15.0	14.3	
82 Isopropylbenzene	105	20.518	20.518	0.000	97	810243	15.0	13.2	
83 1,1,2,2-Tetrachloroethane	83	21.052	21.047	0.005	99	358804	15.0	13.2	
84 1,2,3-Trichloropropane	75	21.149	21.149	0.000	95	270444	15.0	14.2	
85 N-Propylbenzene	91	21.256	21.256	0.000	100	903203	15.0	13.5	
86 2-Chlorotoluene	91	21.406	21.406	0.000	96	568667	15.0	13.3	
87 4-Ethyltoluene	105	21.464	21.465	-0.001	99	797292	15.0	13.5	
88 1,3,5-Trimethylbenzene	105	21.561	21.561	0.000	94	674283	15.0	13.3	

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	21.603	21.604	-0.001	90	295093	15.0	13.8	
90 Alpha Methyl Styrene	118	21.898	21.893	0.006	92	376805	15.0	13.7	
91 tert-Butylbenzene	119	22.053	22.053	0.000	97	670047	15.0	13.1	
92 1,2,4-Trimethylbenzene	105	22.138	22.139	-0.001	96	659893	15.0	13.0	
93 sec-Butylbenzene	105	22.385	22.385	0.000	99	933708	15.0	12.9	
94 1,3-Dichlorobenzene	146	22.556	22.551	0.005	94	514517	15.0	13.5	
95 4-Isopropyltoluene	119	22.604	22.604	0.000	97	842463	15.0	13.2	
96 1,4-Dichlorobenzene	146	22.700	22.700	0.000	97	499377	15.0	13.6	
97 Benzyl chloride	91	22.845	22.845	0.000	100	556026	15.0	14.5	
98 n-Butylbenzene	91	23.160	23.155	0.005	97	670323	15.0	13.2	
99 1,2-Dichlorobenzene	146	23.182	23.182	0.000	99	473152	15.0	13.1	
100 Undecane	57	23.315	23.316	-0.001	89	308006	15.0	14.6	
101 Dodecane	57	24.861	24.862	-0.001	95	259444	15.0	14.9	
102 1,2,4-Trichlorobenzene	180	25.562	25.562	0.000	93	345396	15.0	14.6	
103 Hexachlorobutadiene	225	25.803	25.803	0.000	94	472125	15.0	12.7	
104 Naphthalene	128	26.022	26.022	0.000	99	607937	15.0	14.8	
105 1,2,3-Trichlorobenzene	180	26.418	26.418	0.000	96	266945	15.0	14.1	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL5w_00126

Amount Added: 200.00

Units: mL

ATTO15WISs_00010

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 02-Dec-2022 07:26:52

Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-009.d

Injection Date: 01-Dec-2022 20:09:30

Instrument ID: CHW.i

Operator ID: vtp

Lims ID: ic

Worklist Smp#: 9

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

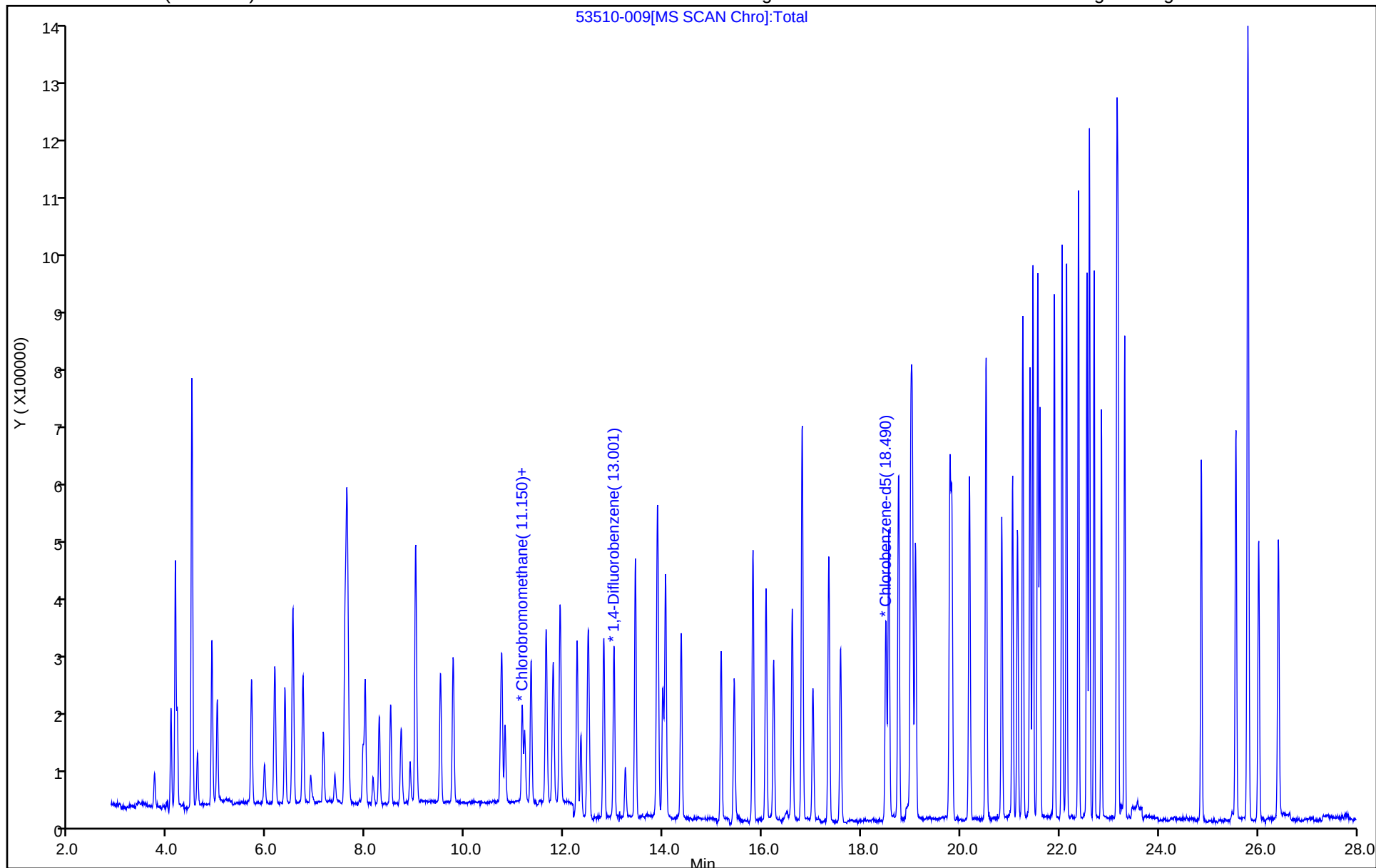
ALS Bottle#: 9

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



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-012.d
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 01-Dec-2022 22:47:30 ALS Bottle#: 12 Worklist Smp#: 12
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053510-012
 Misc. Info.: ic-7
 Operator ID: vtp Instrument ID: CHW.i
 Sublist: chrom-TO15_TO3_MasterMethod_W*sub5
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 02-Dec-2022 07:26:53 Calib Date: 01-Dec-2022 23:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-013.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1651

First Level Reviewer: BKZ7

Date: 02-Dec-2022 07:05:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.057	4.062	-0.006	99	142532	20.0	19.5	
2 Dichlorodifluoromethane	85	4.142	4.153	-0.011	99	650908	20.0	19.0	
3 Chlorodifluoromethane	51	4.180	4.190	-0.010	97	302402	20.0	19.0	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.474	4.479	-0.005	98	717421	20.0	18.2	
5 Chloromethane	50	4.586	4.597	-0.011	99	178103	20.0	19.0	
6 Vinyl chloride	62	4.875	4.886	-0.011	100	215210	20.0	16.2	
7 Butane	43	4.880	4.886	-0.006	98	234410	20.0	18.8	
8 Butadiene	54	4.987	4.993	-0.006	88	149300	20.0	15.5	
9 Bromomethane	94	5.677	5.683	-0.006	99	261913	20.0	17.6	
10 Chloroethane	64	5.940	5.945	-0.005	98	117540	20.0	17.8	
12 2-Methylbutane	43	6.143	6.154	-0.011	89	188514	20.0	16.9	
13 Vinyl bromide	106	6.352	6.357	-0.005	100	265784	20.0	17.8	
14 Trichlorofluoromethane	101	6.512	6.517	-0.005	98	576944	20.0	18.0	
15 Pentane	43	6.715	6.721	-0.006	94	256945	20.0	18.3	
16 Ethanol	45	6.865	6.881	-0.016	97	142815	40.0	40.7	
18 Ethyl ether	59	7.122	7.133	-0.011	83	127454	20.0	18.1	
19 Acrolein	56	7.352	7.368	-0.016	95	72848	20.0	20.1	
20 1,1-Dichloroethene	96	7.561	7.566	-0.005	91	226580	20.0	16.3	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	7.603	7.603	0.000	96	456851	20.0	17.7	
22 Acetone	43	7.630	7.641	-0.011	96	191625	20.0	19.6	
23 Isopropyl alcohol	45	7.924	7.935	-0.011	100	227698	20.0	19.9	
24 Carbon disulfide	76	7.973	7.978	-0.006	98	533743	20.0	19.2	
25 Acetonitrile	41	8.256	8.261	-0.005	73	161885	20.0	19.6	
26 3-Chloro-1-propene	41	8.256	8.261	-0.005	94	160826	20.0	17.5	
27 Methylene Chloride	49	8.486	8.486	0.000	79	138522	20.0	18.3	
28 2-Methyl-2-propanol	59	8.695	8.705	-0.010	99	303639	20.0	19.9	
29 Acrylonitrile	53	8.877	8.882	-0.005	94	87937	20.0	19.7	
30 trans-1,2-Dichloroethene	61	8.989	8.989	0.000	94	205865	20.0	16.8	
31 Methyl tert-butyl ether	73	8.989	9.005	-0.016	95	470523	20.0	18.3	
32 Hexane	57	9.492	9.497	-0.005	88	203489	20.0	17.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	9.743	9.743	0.000	99	249891	20.0	17.3	
34 Vinyl acetate	43	9.754	9.759	-0.005	99	287464	20.0	19.9	
S 35 1,2-Dichloroethene, Total	61				0		40.0	34.7	
36 2-Butanone (MEK)	72	10.706	10.712	-0.006	95	80504	20.0	19.1	
37 cis-1,2-Dichloroethene	96	10.733	10.733	0.000	84	195697	20.0	17.9	
38 Ethyl acetate	88	10.797	10.808	-0.011	98	17630	20.0	19.7	
* 39 Chlorobromomethane	128	11.145	11.145	0.000	70	74645	10.0	10.0	
40 Tetrahydrofuran	42	11.188	11.198	-0.010	81	118036	20.0	20.6	
41 Chloroform	83	11.321	11.327	-0.006	94	357376	20.0	18.1	
42 1,1,1-Trichloroethane	97	11.626	11.632	-0.006	96	399192	20.0	18.5	
43 Cyclohexane	84	11.771	11.771	0.000	90	234991	20.0	18.0	
44 Carbon tetrachloride	117	11.910	11.910	0.000	99	441728	20.0	17.6	
45 Benzene	78	12.252	12.258	-0.006	93	528174	20.0	18.4	
46 1,2-Dichloroethane	62	12.327	12.333	-0.006	91	208089	20.0	17.7	
47 Isooctane	57	12.477	12.482	-0.005	98	659125	20.0	18.3	
48 n-Heptane	43	12.793	12.793	0.000	85	202030	20.0	17.6	
* 49 1,4-Difluorobenzene	114	13.001	13.001	0.000	92	358993	10.0	10.0	
50 n-Butanol	56	13.226	13.237	-0.011	83	97855	20.0	20.5	
51 Trichloroethene	95	13.429	13.429	0.000	94	256707	20.0	17.2	
53 1,2-Dichloropropane	63	13.884	13.884	0.000	92	158845	20.0	18.2	
54 Methyl methacrylate	69	13.986	13.986	0.000	91	167853	20.0	20.0	
55 1,4-Dioxane	88	14.018	14.028	-0.010	86	116471	20.0	17.2	
57 Dibromomethane	174	14.044	14.044	0.000	87	316664	20.0	18.0	
58 Dichlorobromomethane	83	14.355	14.360	-0.005	98	386744	20.0	18.3	
59 cis-1,3-Dichloropropene	75	15.163	15.163	-0.001	88	321293	20.0	18.3	
61 4-Methyl-2-pentanone (MIBK)	43	15.425	15.430	-0.005	92	258957	20.0	19.9	
62 Toluene	92	15.804	15.805	-0.001	93	418082	20.0	18.2	
A 63 Toluene Range	1	15.821	(15.740-15.895)		0	1530737	NC	NC	
A 65 C8 Range	1	16.120	(15.965-16.136)		0	1303317	NC	NC	
64 n-Octane	43	16.072	16.072	0.000	81	274269	20.0	17.7	
66 trans-1,3-Dichloropropene	75	16.222	16.227	-0.005	91	286653	20.0	19.3	
67 1,1,2-Trichloroethane	83	16.602	16.602	0.000	92	186415	20.0	17.9	
68 Tetrachloroethene	166	16.800	16.800	0.000	94	465621	20.0	17.6	
69 2-Hexanone	43	17.014	17.019	-0.005	98	250328	20.0	20.6	
70 Chlorodibromomethane	129	17.340	17.340	0.000	97	504148	20.0	19.1	
71 Ethylene Dibromide	107	17.575	17.575	0.000	99	395372	20.0	18.8	
* 73 Chlorobenzene-d5	117	18.490	18.490	0.000	81	316571	10.0	10.0	
74 Chlorobenzene	112	18.549	18.549	0.000	99	622060	20.0	18.2	
75 Ethylbenzene	91	18.747	18.747	0.000	96	911460	20.0	18.4	
76 m-Xylene & p-Xylene	106	19.014	19.014	0.000	0	754954	40.0	35.9	
77 n-Nonane	57	19.089	19.089	0.000	80	319551	20.0	17.4	
78 o-Xylene	106	19.785	19.785	0.000	99	376761	20.0	17.8	
79 Styrene	104	19.822	19.822	0.000	95	593743	20.0	18.5	
S 80 Xylenes, Total	106				0		60.0	53.7	
81 Bromoform	173	20.181	20.181	0.000	99	572659	20.0	19.7	
82 Isopropylbenzene	105	20.518	20.518	0.000	97	1088577	20.0	18.1	
83 1,1,2,2-Tetrachloroethane	83	21.053	21.047	0.006	98	483579	20.0	18.2	
84 1,2,3-Trichloropropane	75	21.149	21.149	0.000	95	366216	20.0	19.6	
85 N-Propylbenzene	91	21.256	21.256	0.000	100	1209056	20.0	18.4	
86 2-Chlorotoluene	91	21.406	21.406	0.000	96	762125	20.0	18.2	
87 4-Ethyltoluene	105	21.464	21.465	-0.001	99	1069166	20.0	18.5	
88 1,3,5-Trimethylbenzene	105	21.561	21.561	0.000	94	903437	20.0	18.2	

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	21.604	21.604	0.000	90	391800	20.0	18.7	
90 Alpha Methyl Styrene	118	21.892	21.893	0.000	92	505228	20.0	18.7	
91 tert-Butylbenzene	119	22.053	22.053	0.000	95	889727	20.0	17.7	
92 1,2,4-Trimethylbenzene	105	22.139	22.139	0.000	96	884680	20.0	17.8	
93 sec-Butylbenzene	105	22.385	22.385	0.000	99	1247898	20.0	17.6	
94 1,3-Dichlorobenzene	146	22.556	22.551	0.005	94	690735	20.0	18.5	
95 4-Isopropyltoluene	119	22.604	22.604	0.000	97	1129685	20.0	18.1	
96 1,4-Dichlorobenzene	146	22.700	22.700	0.000	97	671215	20.0	18.7	
97 Benzyl chloride	91	22.845	22.845	0.000	100	751030	20.0	20.0	
98 n-Butylbenzene	91	23.155	23.155	0.000	97	892074	20.0	18.0	
99 1,2-Dichlorobenzene	146	23.182	23.182	0.000	99	624544	20.0	17.7	
100 Undecane	57	23.315	23.316	-0.001	89	413976	20.0	20.0	
101 Dodecane	57	24.862	24.862	0.000	95	351221	20.0	20.6	
102 1,2,4-Trichlorobenzene	180	25.562	25.562	0.000	93	476549	20.0	20.6	
103 Hexachlorobutadiene	225	25.803	25.803	0.000	94	640190	20.0	17.6	
104 Naphthalene	128	26.022	26.022	0.000	99	831256	20.0	20.7	
105 1,2,3-Trichlorobenzene	180	26.418	26.418	0.000	96	365405	20.0	19.7	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL6w_00213

Amount Added: 200.00

Units: mL

ATTO15WISs_00010

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-012.d

Injection Date: 01-Dec-2022 22:47:30

Instrument ID: CHW.i

Operator ID: vtp

Lims ID: ic

Worklist Smp#: 12

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

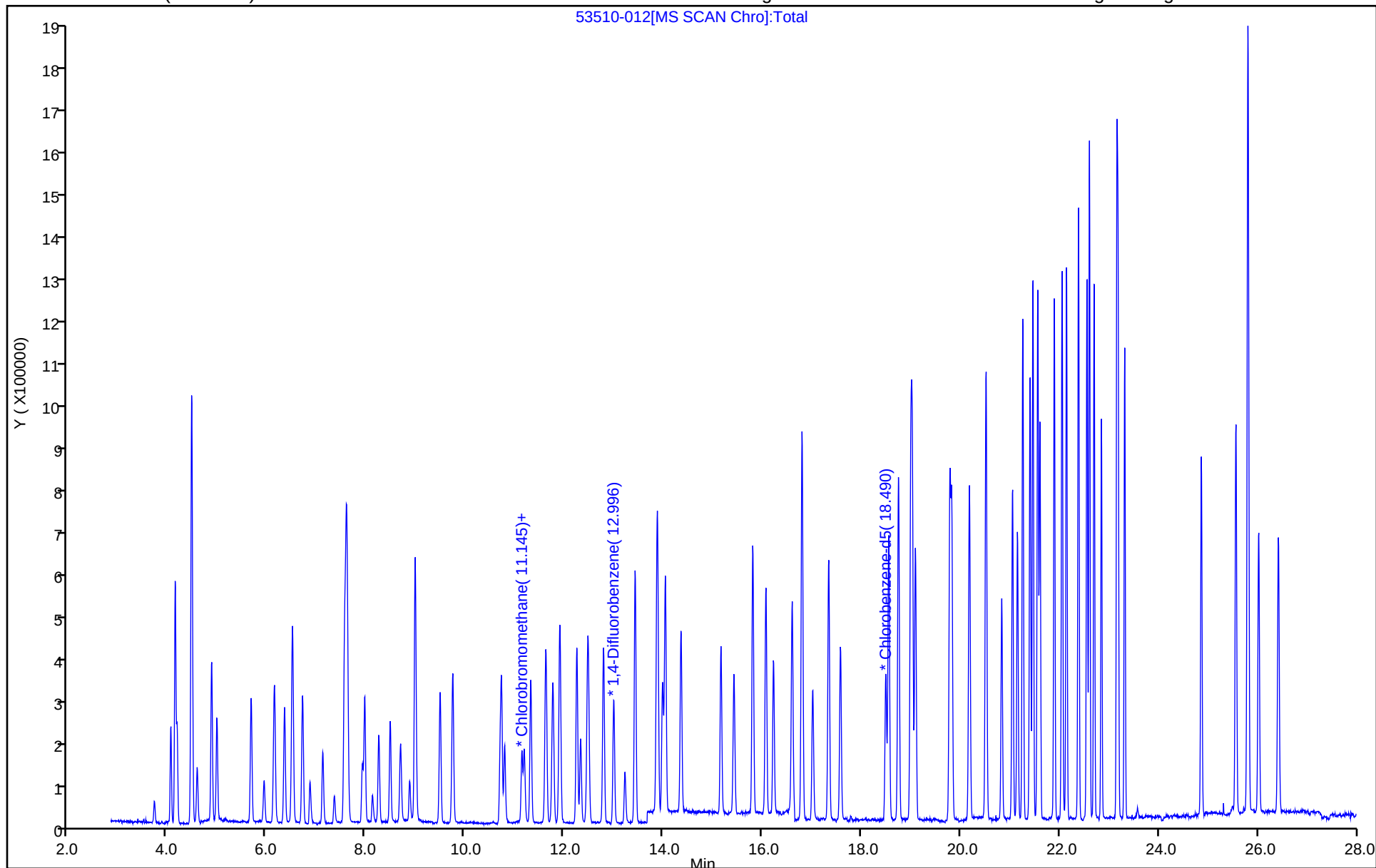
ALS Bottle#: 12

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



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-013.d
 Lims ID: ic
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 01-Dec-2022 23:39:30 ALS Bottle#: 13 Worklist Smp#: 13
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053510-013
 Misc. Info.: ic-8
 Operator ID: vtp Instrument ID: CHW.i
 Sublist: chrom-TO15_TO3_MasterMethod_W*sub5
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 02-Dec-2022 07:26:55 Calib Date: 01-Dec-2022 23:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-013.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1651

First Level Reviewer: BKZ7

Date: 02-Dec-2022 07:06:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.051	4.062	-0.011	98	288075	40.0	38.7	
2 Dichlorodifluoromethane	85	4.142	4.153	-0.011	99	1306694	40.0	37.4	
3 Chlorodifluoromethane	51	4.180	4.190	-0.010	97	602940	40.0	37.1	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.474	4.479	-0.005	96	1438579	40.0	35.9	
5 Chloromethane	50	4.586	4.597	-0.011	99	354399	40.0	37.0	
6 Vinyl chloride	62	4.875	4.886	-0.011	100	421111	40.0	31.2	
7 Butane	43	4.881	4.886	-0.006	99	460102	40.0	36.2	
8 Butadiene	54	4.988	4.993	-0.005	88	296569	40.0	30.3	
9 Bromomethane	94	5.678	5.683	-0.005	99	531855	40.0	35.1	
10 Chloroethane	64	5.940	5.945	-0.005	98	239623	40.0	35.7	
12 2-Methylbutane	43	6.148	6.154	-0.006	88	376230	40.0	33.1	
13 Vinyl bromide	106	6.352	6.357	-0.005	100	536585	40.0	35.3	
14 Trichlorofluoromethane	101	6.512	6.517	-0.005	98	1174641	40.0	35.9	
15 Pentane	43	6.715	6.721	-0.006	94	511253	40.0	35.7	
16 Ethanol	45	6.865	6.881	-0.016	97	333798	100.0	93.4	
18 Ethyl ether	59	7.122	7.133	-0.011	83	250354	40.0	35.0	
19 Acrolein	56	7.357	7.368	-0.011	95	145978	40.0	39.5	
20 1,1-Dichloroethene	96	7.566	7.566	0.000	90	449792	40.0	31.7	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	7.604	7.603	0.001	94	904910	40.0	34.4	
22 Acetone	43	7.630	7.641	-0.011	96	378766	40.0	38.0	
23 Isopropyl alcohol	45	7.924	7.935	-0.011	100	428236	40.0	36.8	
24 Carbon disulfide	76	7.973	7.978	-0.005	98	1069349	40.0	37.8	
25 Acetonitrile	41	8.256	8.261	-0.005	72	319504	40.0	38.0	
26 3-Chloro-1-propene	41	8.256	8.261	-0.005	94	318167	40.0	34.0	
27 Methylene Chloride	49	8.486	8.486	0.000	78	277948	40.0	36.1	
28 2-Methyl-2-propanol	59	8.690	8.705	-0.015	100	587064	40.0	37.8	
29 Acrylonitrile	53	8.877	8.882	-0.005	95	181175	40.0	39.8	
30 trans-1,2-Dichloroethene	61	8.989	8.989	0.000	92	402861	40.0	32.3	
31 Methyl tert-butyl ether	73	8.994	9.005	-0.011	95	922243	40.0	35.2	
32 Hexane	57	9.497	9.497	0.000	88	403492	40.0	34.2	

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	9.743	9.743	0.000	99	483311	40.0	32.8	
34 Vinyl acetate	43	9.754	9.759	-0.005	99	562274	40.0	38.1	
S 35 1,2-Dichloroethene, Total	61				0		80.0	67.1	
36 2-Butanone (MEK)	72	10.706	10.712	-0.006	95	158412	40.0	36.9	
37 cis-1,2-Dichloroethene	96	10.733	10.733	0.000	84	387683	40.0	34.8	
38 Ethyl acetate	88	10.797	10.808	-0.011	99	34626	40.0	38.1	
* 39 Chlorobromomethane	128	11.145	11.145	0.000	70	76081	10.0	10.0	
40 Tetrahydrofuran	42	11.188	11.198	-0.010	79	229221	40.0	39.3	
41 Chloroform	83	11.327	11.327	0.000	95	713501	40.0	35.5	
42 1,1,1-Trichloroethane	97	11.632	11.632	0.000	96	804097	40.0	36.7	
43 Cyclohexane	84	11.771	11.771	0.000	90	472660	40.0	35.7	
44 Carbon tetrachloride	117	11.915	11.910	0.005	99	892945	40.0	35.0	
45 Benzene	78	12.258	12.258	0.000	93	1045856	40.0	35.9	
46 1,2-Dichloroethane	62	12.333	12.333	0.000	91	421084	40.0	35.3	
47 Isooctane	57	12.482	12.482	0.000	98	1290306	40.0	35.3	
48 n-Heptane	43	12.793	12.793	0.000	82	392483	40.0	33.7	
* 49 1,4-Difluorobenzene	114	13.001	13.001	0.000	92	364648	10.0	10.0	
50 n-Butanol	56	13.226	13.237	-0.011	83	184074	40.0	37.9	
51 Trichloroethene	95	13.429	13.429	0.000	94	510138	40.0	33.6	
53 1,2-Dichloropropane	63	13.889	13.884	0.005	90	301266	40.0	34.0	
54 Methyl methacrylate	69	13.986	13.986	0.000	91	333747	40.0	39.2	
55 1,4-Dioxane	88	14.018	14.028	-0.010	86	205138	40.0	29.8	
57 Dibromomethane	174	14.045	14.044	0.001	87	624343	40.0	34.9	
58 Dichlorobromomethane	83	14.360	14.360	0.000	98	775981	40.0	36.1	
59 cis-1,3-Dichloropropene	75	15.168	15.163	0.005	88	649180	40.0	36.4	
61 4-Methyl-2-pentanone (MIBK)	43	15.425	15.430	-0.005	91	513514	40.0	38.8	
62 Toluene	92	15.805	15.805	0.000	93	812656	40.0	34.4	
A 63 Toluene Range	1	15.821	(15.740-15.895)		0	3011912	NC	NC	
A 65 C8 Range	1	16.120	(15.965-16.136)		0	2556706	NC	NC	
64 n-Octane	43	16.072	16.072	0.000	79	519481	40.0	33.1	
66 trans-1,3-Dichloropropene	75	16.227	16.227	0.000	93	575318	40.0	38.2	
67 1,1,2-Trichloroethane	83	16.602	16.602	0.000	92	371360	40.0	34.7	
68 Tetrachloroethene	166	16.805	16.800	0.005	95	908066	40.0	33.3	
69 2-Hexanone	43	17.014	17.019	-0.005	98	493216	40.0	39.5	
70 Chlorodibromomethane	129	17.340	17.340	0.000	97	1002639	40.0	37.1	
71 Ethylene Dibromide	107	17.581	17.575	0.006	99	792888	40.0	36.7	
* 73 Chlorobenzene-d5	117	18.496	18.490	0.006	82	325324	10.0	10.0	
74 Chlorobenzene	112	18.554	18.549	0.005	99	1230212	40.0	34.9	
75 Ethylbenzene	91	18.752	18.747	0.005	96	1781025	40.0	35.1	
76 m-Xylene & p-Xylene	106	19.014	19.014	0.000	0	1452236	80.0	67.3	
77 n-Nonane	57	19.089	19.089	0.000	79	606669	40.0	32.2	
78 o-Xylene	106	19.785	19.785	0.000	99	720859	40.0	33.1	
79 Styrene	104	19.828	19.822	0.006	96	1147503	40.0	34.7	
S 80 Xylenes, Total	106				0		120.0	100.3	
81 Bromoform	173	20.181	20.181	0.000	99	1137375	40.0	38.0	
82 Isopropylbenzene	105	20.518	20.518	0.000	97	2120498	40.0	34.3	
83 1,1,2,2-Tetrachloroethane	83	21.053	21.047	0.006	98	934921	40.0	34.2	
84 1,2,3-Trichloropropane	75	21.154	21.149	0.005	95	719695	40.0	37.5	
85 N-Propylbenzene	91	21.261	21.256	0.005	99	2342868	40.0	34.7	
86 2-Chlorotoluene	91	21.406	21.406	0.000	95	1489449	40.0	34.6	
87 4-Ethyltoluene	105	21.465	21.465	0.000	98	2070121	40.0	34.8	
88 1,3,5-Trimethylbenzene	105	21.561	21.561	0.000	94	1741043	40.0	34.1	

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	21.604	21.604	0.000	91	725908	40.0	33.7	
90 Alpha Methyl Styrene	118	21.898	21.893	0.006	91	964788	40.0	34.8	
91 tert-Butylbenzene	119	22.053	22.053	0.000	95	1701628	40.0	33.0	
92 1,2,4-Trimethylbenzene	105	22.144	22.139	0.005	96	1708816	40.0	33.5	
93 sec-Butylbenzene	105	22.385	22.385	0.000	98	2355411	40.0	32.4	
94 1,3-Dichlorobenzene	146	22.556	22.551	0.005	94	1339081	40.0	35.0	
95 4-Isopropyltoluene	119	22.604	22.604	0.000	97	2139036	40.0	33.3	
96 1,4-Dichlorobenzene	146	22.700	22.700	0.000	97	1319033	40.0	35.7	
97 Benzyl chloride	91	22.845	22.845	0.000	100	1506417	40.0	39.1	
98 n-Butylbenzene	91	23.160	23.155	0.005	98	1674428	40.0	32.8	
99 1,2-Dichlorobenzene	146	23.182	23.182	0.000	99	1188698	40.0	32.7	
100 Undecane	57	23.316	23.316	0.000	88	767719	40.0	36.0	
101 Dodecane	57	24.862	24.862	0.000	95	663891	40.0	37.8	
102 1,2,4-Trichlorobenzene	180	25.562	25.562	0.000	93	1008097	40.0	42.4	
103 Hexachlorobutadiene	225	25.803	25.803	0.000	94	1252601	40.0	33.6	
104 Naphthalene	128	26.023	26.022	0.001	99	1752589	40.0	42.5	
105 1,2,3-Trichlorobenzene	180	26.418	26.418	0.000	96	769431	40.0	40.3	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

Reagents:

ATTO15CAL7w_00126

Amount Added: 200.00

Units: mL

ATTO15WISs_00010

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-013.d

Injection Date: 01-Dec-2022 23:39:30

Instrument ID: CHW.i

Operator ID: vtp

Lims ID: ic

Worklist Smp#: 13

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

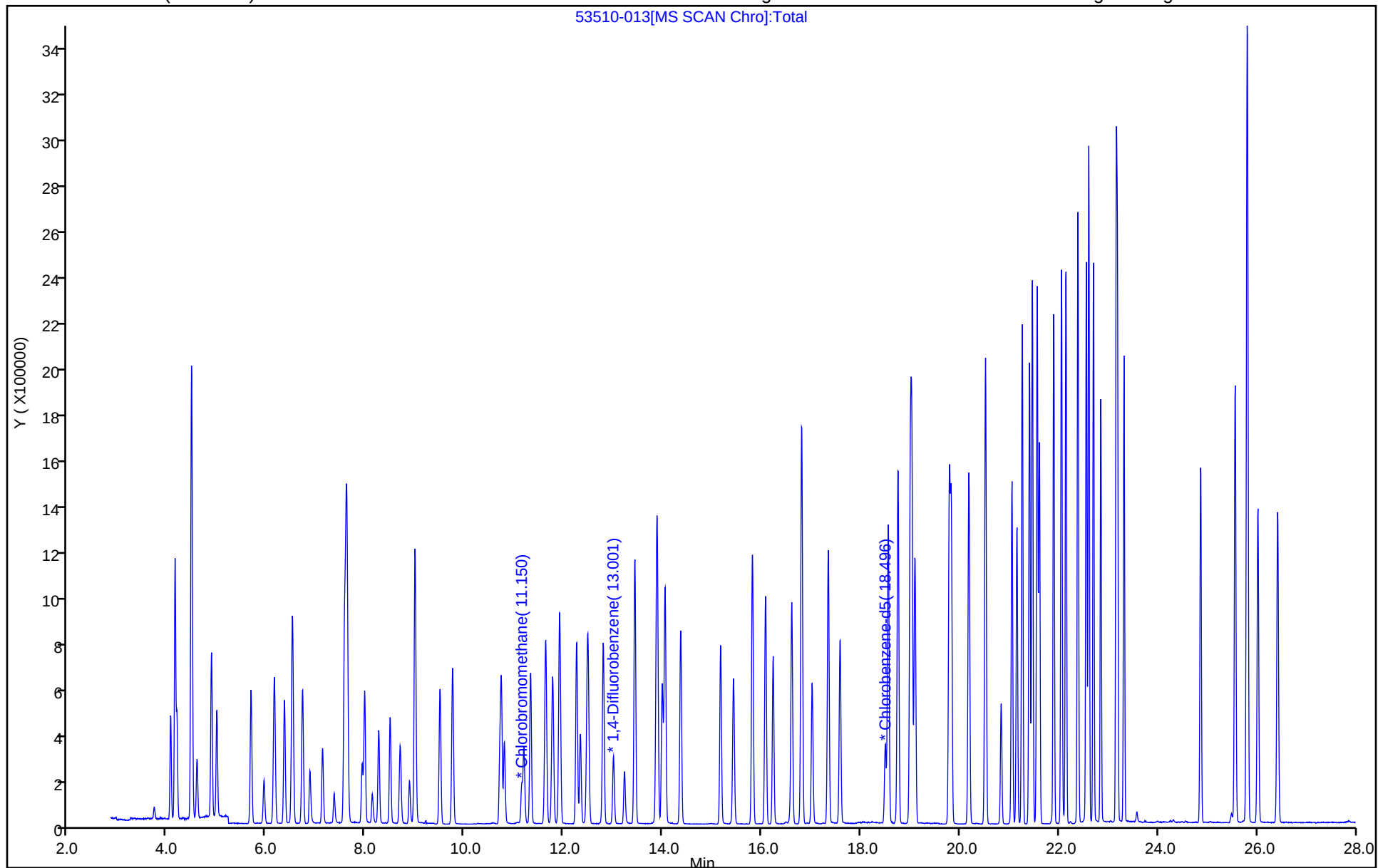
ALS Bottle#: 13

Method: TO15_TO3_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

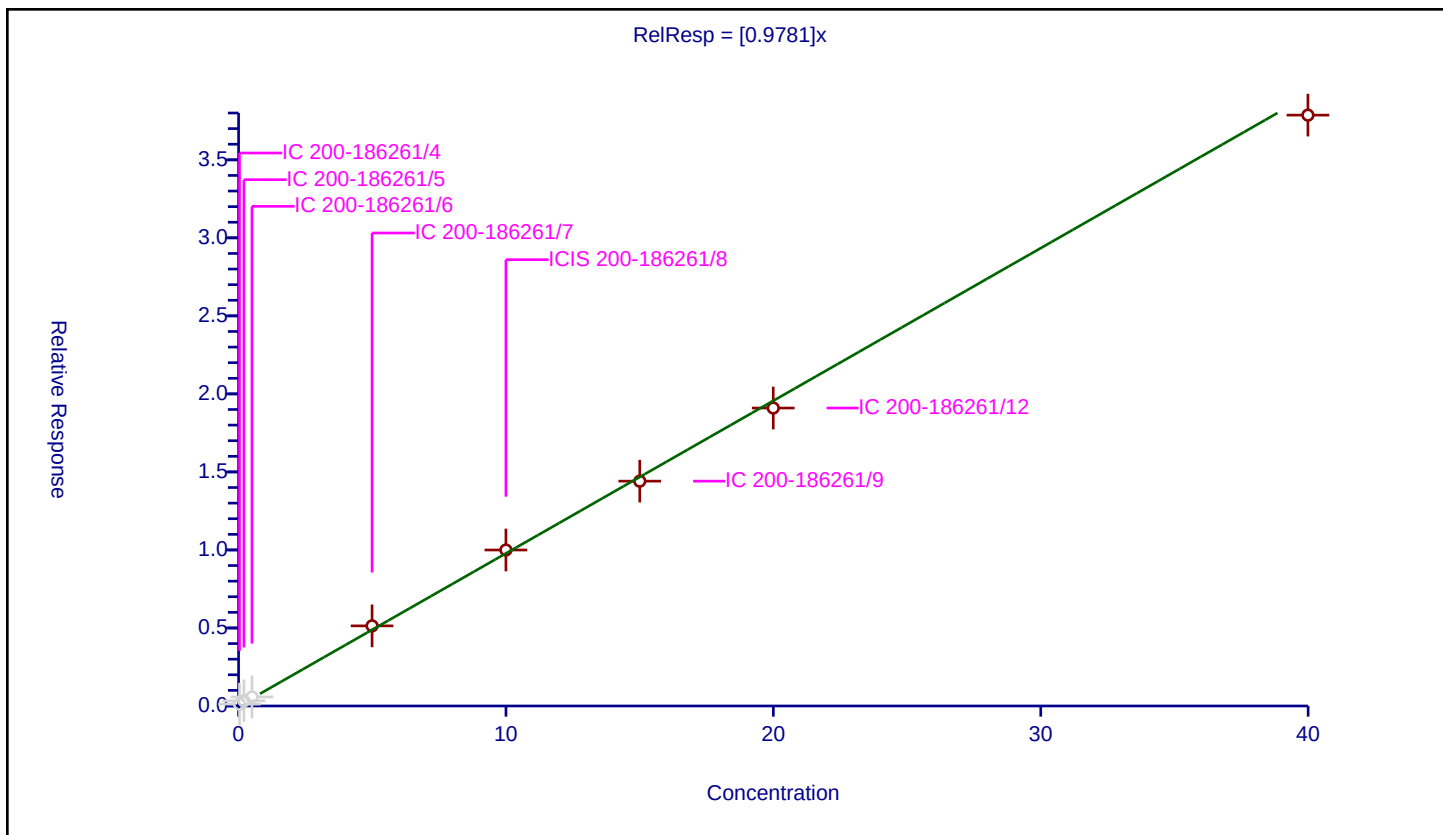
Curve Coefficients

Intercept: 0
 Slope: 0.9781

Error Coefficients

Standard Error: 174000
 Relative Standard Error: 3.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.11644	10.0	64926.0	3.319567	N
2	IC 200-186261/5	0.20044	0.330548	10.0	62351.0	1.649115	N
3	IC 200-186261/6	0.500453	0.577787	10.0	69645.0	1.15453	N
4	IC 200-186261/7	4.992563	5.134828	10.0	69422.0	1.028495	Y
5	ICIS 200-186261/8	9.99806	9.995912	10.0	70939.0	0.999785	Y
6	IC 200-186261/9	15.003557	14.408382	10.0	73823.0	0.960331	Y
7	IC 200-186261/12	19.99612	19.094648	10.0	74645.0	0.954918	Y
8	IC 200-186261/13	39.99224	37.86425	10.0	76081.0	0.94679	Y



Calibration

/ Dichlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

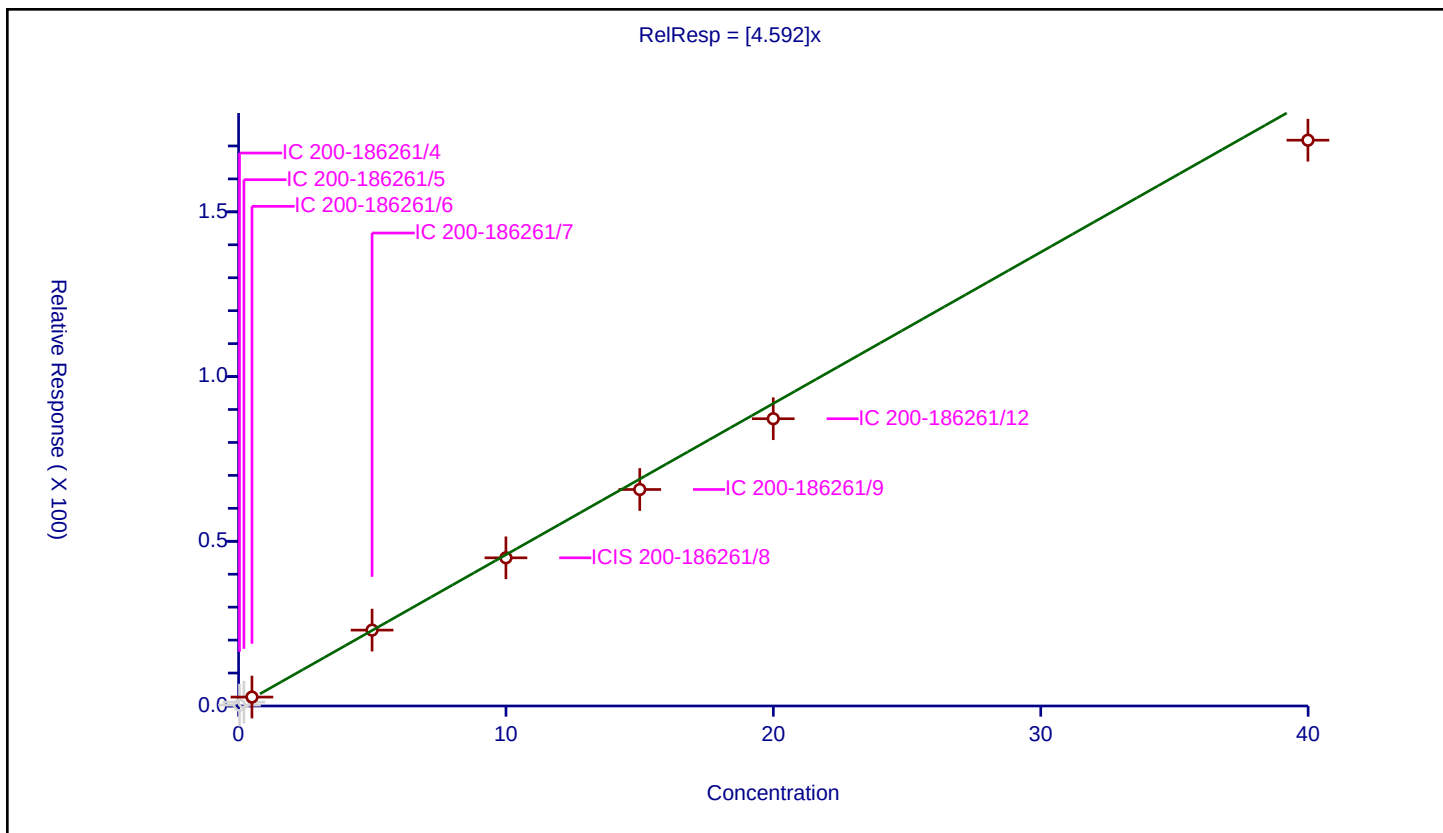
Curve Coefficients

Intercept: 0
 Slope: 4.592

Error Coefficients

Standard Error: 706000
 Relative Standard Error: 9.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.265533	10.0	64926.0	7.570018	N
2	IC 200-186261/5	0.20044	1.162612	10.0	62351.0	5.800307	N
3	IC 200-186261/6	0.500453	2.703712	10.0	69645.0	5.402533	Y
4	IC 200-186261/7	4.992563	23.030595	10.0	69422.0	4.612981	Y
5	ICIS 200-186261/8	9.99806	44.982027	10.0	70939.0	4.499076	Y
6	IC 200-186261/9	15.003557	65.718678	10.0	73823.0	4.380207	Y
7	IC 200-186261/12	19.99612	87.200482	10.0	74645.0	4.36087	Y
8	IC 200-186261/13	39.99224	171.750371	10.0	76081.0	4.294592	Y



Calibration

/ Chlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

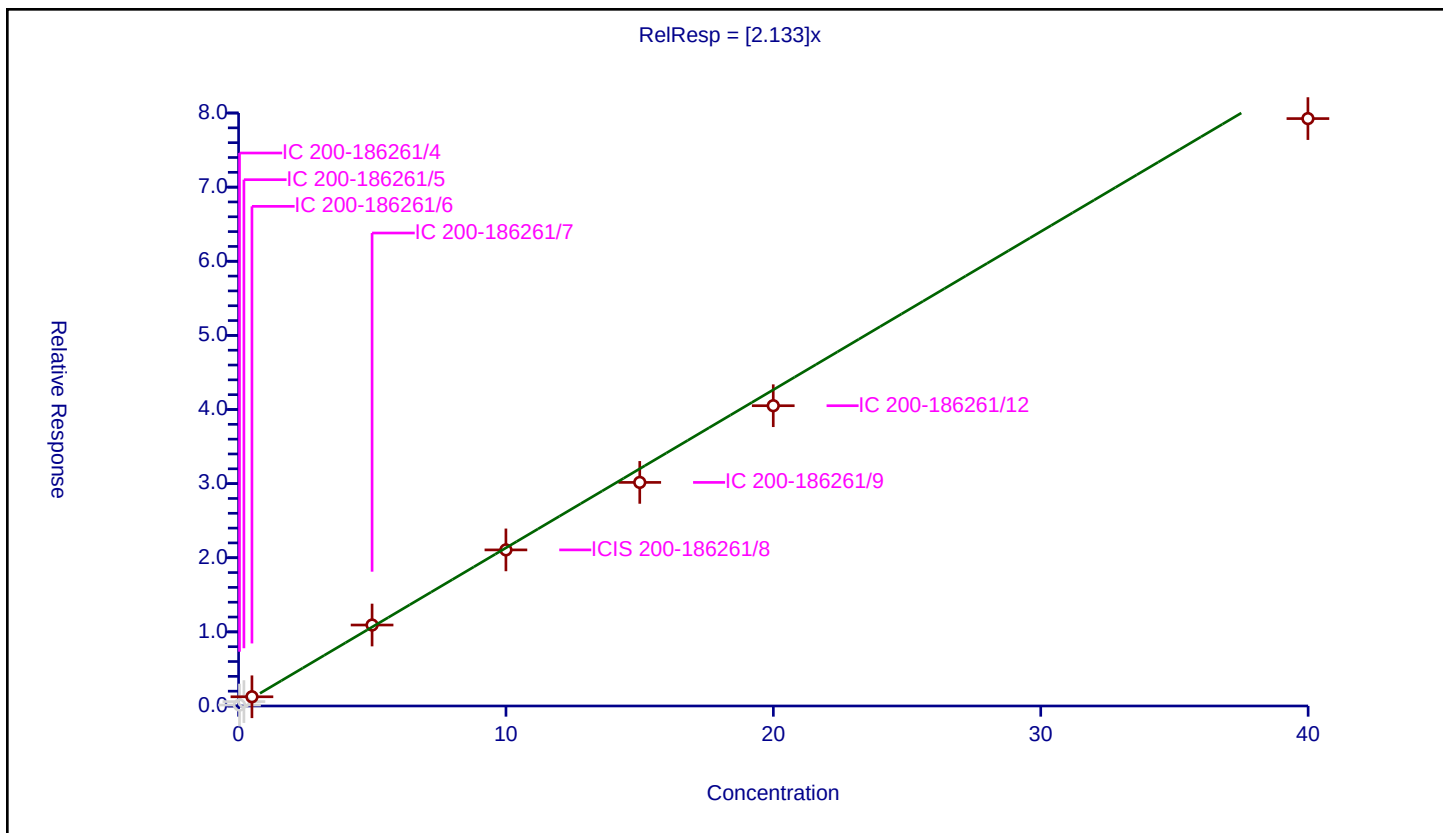
Curve Coefficients

Intercept: 0
 Slope: 2.133

Error Coefficients

Standard Error: 326000
 Relative Standard Error: 8.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.1283	10.0	64926.0	3.657671	N
2	IC 200-186261/5	0.20044	0.594377	10.0	62351.0	2.965366	N
3	IC 200-186261/6	0.500453	1.244598	10.0	69645.0	2.486944	Y
4	IC 200-186261/7	4.992563	10.925643	10.0	69422.0	2.188384	Y
5	ICIS 200-186261/8	9.99806	21.058092	10.0	70939.0	2.106218	Y
6	IC 200-186261/9	15.003557	30.163906	10.0	73823.0	2.01045	Y
7	IC 200-186261/12	19.99612	40.512024	10.0	74645.0	2.025994	Y
8	IC 200-186261/13	39.99224	79.249747	10.0	76081.0	1.981628	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

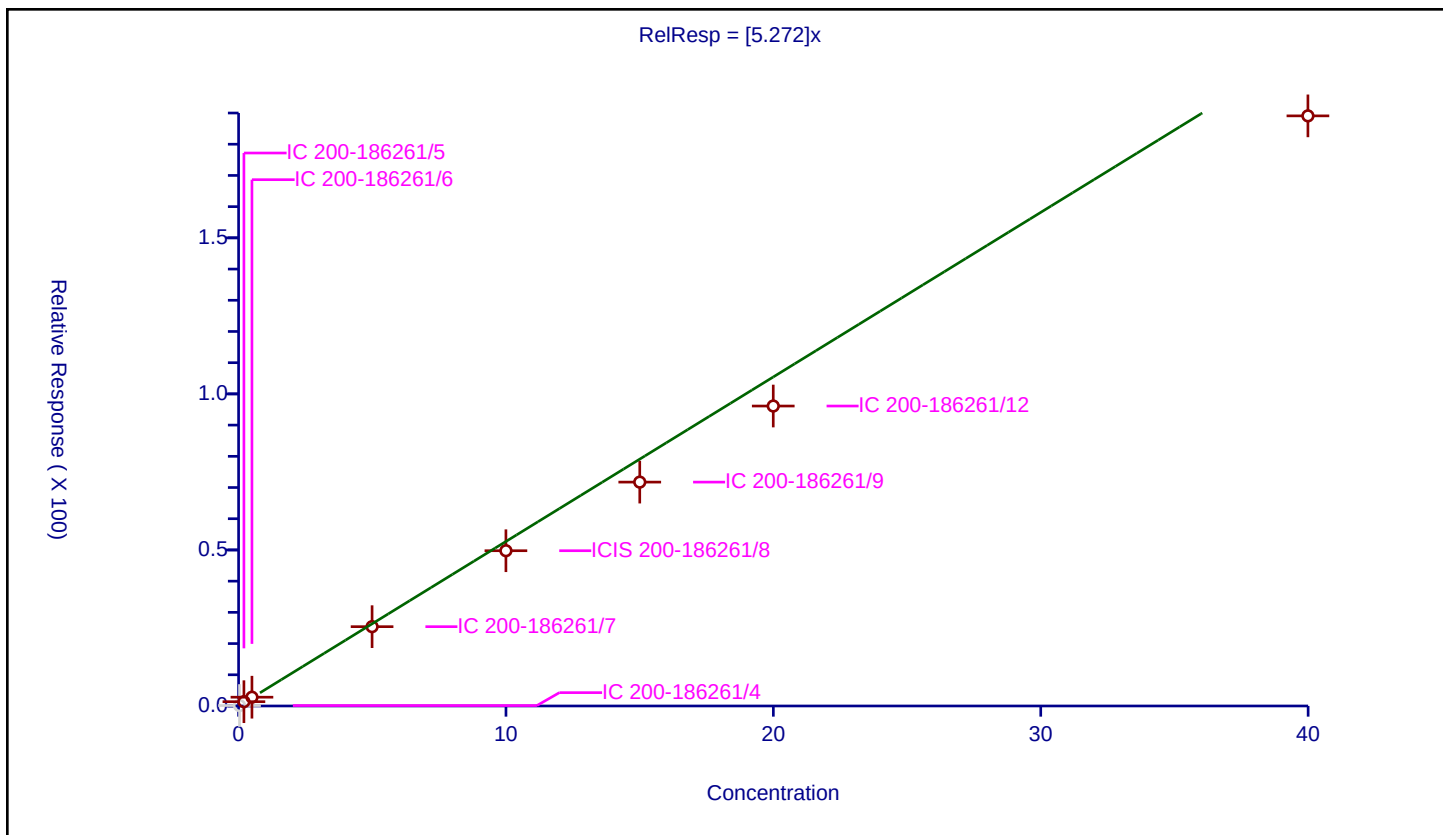
Curve Coefficients

Intercept: 0
Slope: 5.272

Error Coefficients

Standard Error: 709000
Relative Standard Error: 14.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.140622	10.0	64926.0	4.008948	N
2	IC 200-186261/5	0.20044	1.383779	10.0	62351.0	6.903718	Y
3	IC 200-186261/6	0.500453	2.811544	10.0	69645.0	5.618003	Y
4	IC 200-186261/7	4.992563	25.413846	10.0	69422.0	5.090341	Y
5	ICIS 200-186261/8	9.99806	49.746402	10.0	70939.0	4.975606	Y
6	IC 200-186261/9	15.003557	71.737128	10.0	73823.0	4.781341	Y
7	IC 200-186261/12	19.99612	96.111059	10.0	74645.0	4.806485	Y
8	IC 200-186261/13	39.99224	189.085186	10.0	76081.0	4.728047	Y



Calibration

/ Chloromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

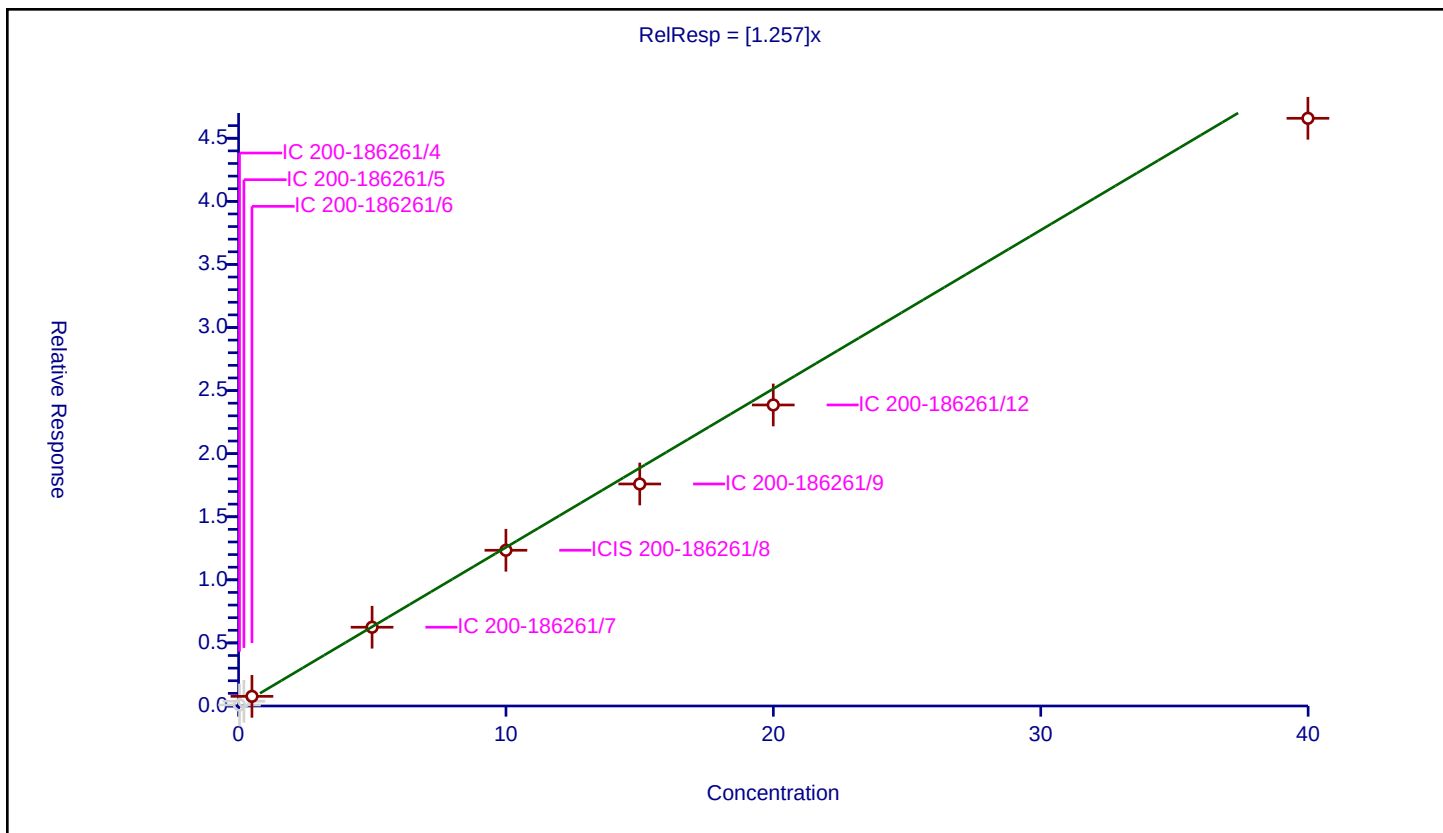
Curve Coefficients

Intercept: 0
 Slope: 1.257

Error Coefficients

Standard Error: 192000
 Relative Standard Error: 10.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.081015	10.0	64926.0	2.309646	N
2	IC 200-186261/5	0.20044	0.3777	10.0	62351.0	1.88436	N
3	IC 200-186261/6	0.500453	0.764735	10.0	69645.0	1.528088	Y
4	IC 200-186261/7	4.992563	6.241825	10.0	69422.0	1.250225	Y
5	ICIS 200-186261/8	9.99806	12.342576	10.0	70939.0	1.234497	Y
6	IC 200-186261/9	15.003557	17.597903	10.0	73823.0	1.172915	Y
7	IC 200-186261/12	19.99612	23.860004	10.0	74645.0	1.193232	Y
8	IC 200-186261/13	39.99224	46.581801	10.0	76081.0	1.164771	Y



Calibration

/ Butane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

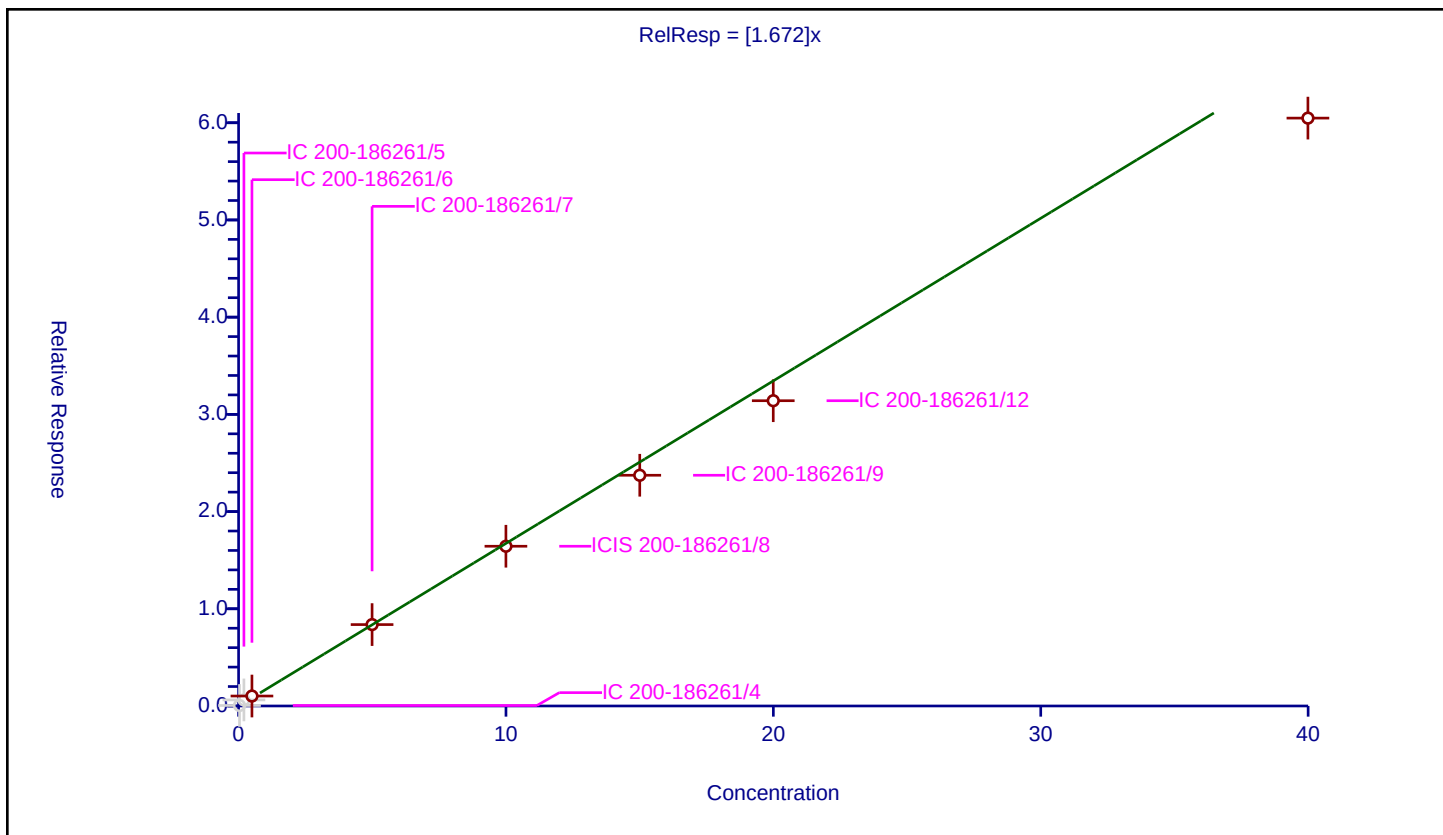
Curve Coefficients

Intercept: 0
 Slope: 1.672

Error Coefficients

Standard Error: 251000
 Relative Standard Error: 11.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.050673	10.0	64926.0	1.444626	N
2	IC 200-186261/5	0.20044	0.623406	10.0	62351.0	3.110194	N
3	IC 200-186261/6	0.500453	1.025343	10.0	69645.0	2.048831	Y
4	IC 200-186261/7	4.992563	8.374579	10.0	69422.0	1.677411	Y
5	ICIS 200-186261/8	9.99806	16.432992	10.0	70939.0	1.643618	Y
6	IC 200-186261/9	15.003557	23.734608	10.0	73823.0	1.581932	Y
7	IC 200-186261/12	19.99612	31.403309	10.0	74645.0	1.57047	Y
8	IC 200-186261/13	39.99224	60.475283	10.0	76081.0	1.512175	Y



Calibration

/ Vinyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

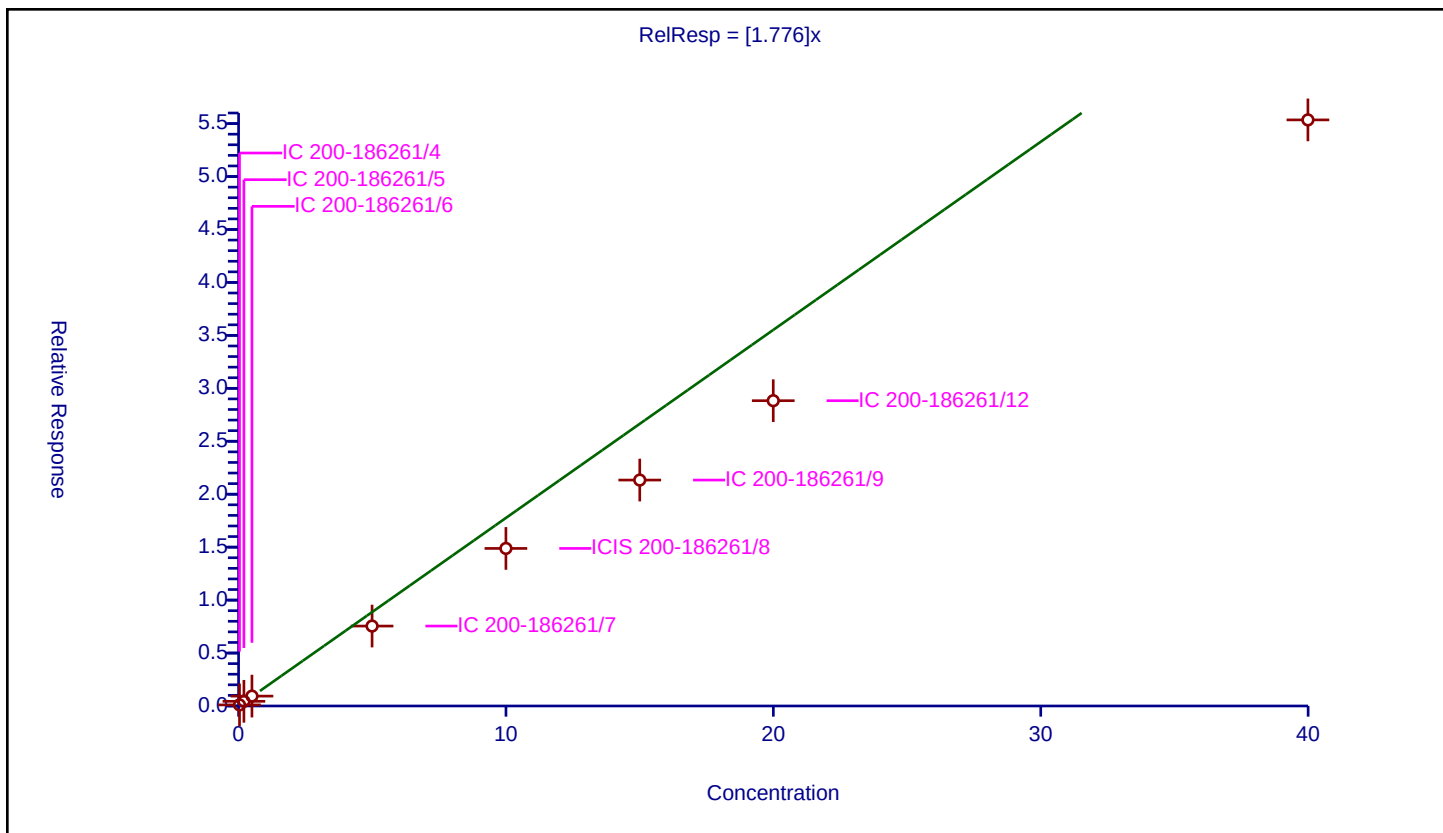
Curve Coefficients

Intercept: 0
 Slope: 1.776

Error Coefficients

Standard Error: 194000
 Relative Standard Error: 29.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.875

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.101346	10.0	64926.0	2.889253	Y
2	IC 200-186261/5	0.20044	0.442014	10.0	62351.0	2.205221	Y
3	IC 200-186261/6	0.500453	0.933592	10.0	69645.0	1.865495	Y
4	IC 200-186261/7	4.992563	7.549768	10.0	69422.0	1.512203	Y
5	ICIS 200-186261/8	9.99806	14.880813	10.0	70939.0	1.48837	Y
6	IC 200-186261/9	15.003557	21.338201	10.0	73823.0	1.422209	Y
7	IC 200-186261/12	19.99612	28.831134	10.0	74645.0	1.441836	Y
8	IC 200-186261/13	39.99224	55.35035	10.0	76081.0	1.384027	Y



Calibration

/ Butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

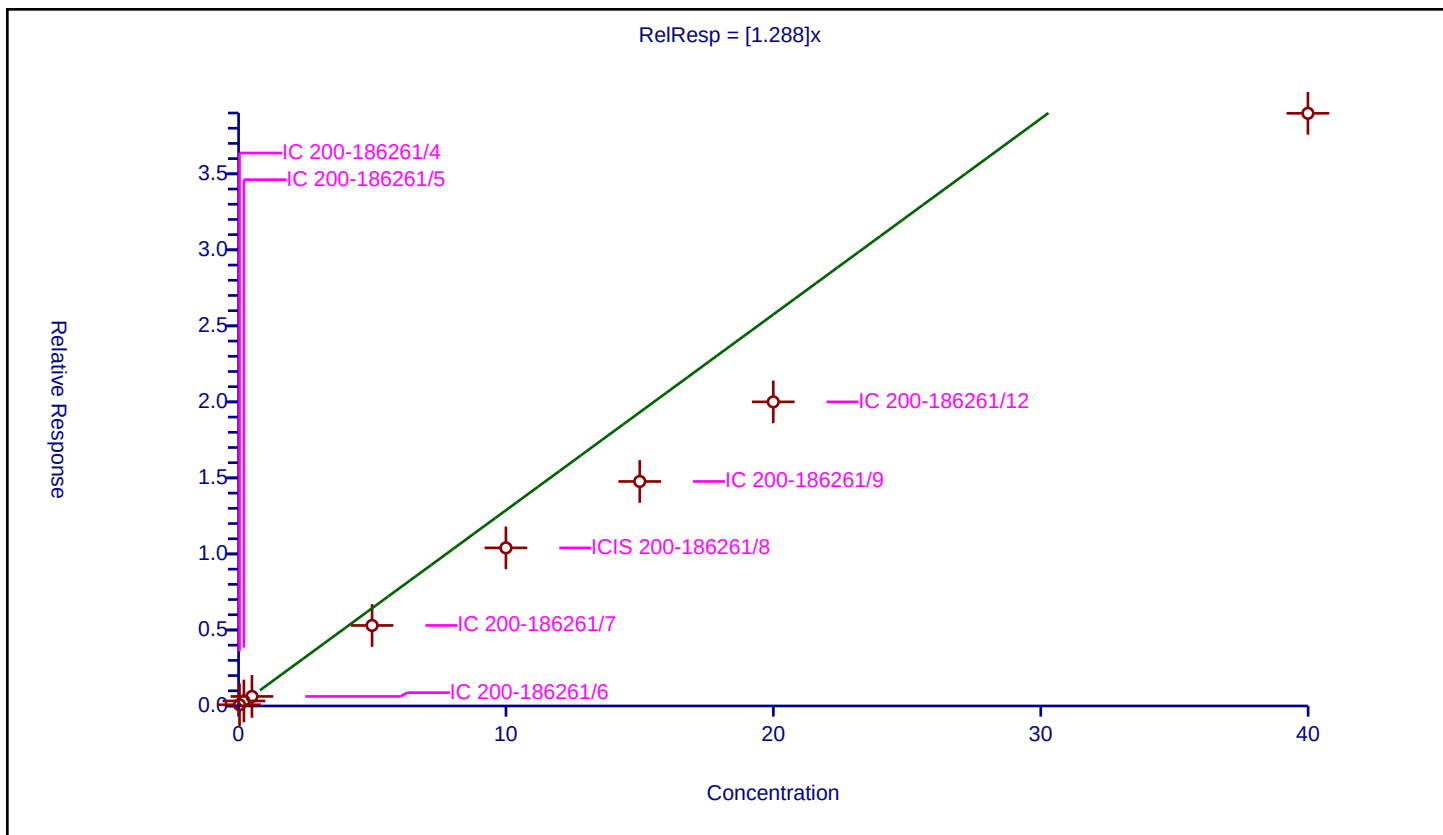
Curve Coefficients

Intercept: 0
Slope: 1.288

Error Coefficients

Standard Error: 136000
Relative Standard Error: 37.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.790

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.081939	10.0	64926.0	2.335992	Y
2	IC 200-186261/5	0.20044	0.330067	10.0	62351.0	1.646714	Y
3	IC 200-186261/6	0.500453	0.629334	10.0	69645.0	1.257531	Y
4	IC 200-186261/7	4.992563	5.2976	10.0	69422.0	1.061098	Y
5	ICIS 200-186261/8	9.99806	10.399216	10.0	70939.0	1.040123	Y
6	IC 200-186261/9	15.003557	14.766943	10.0	73823.0	0.984229	Y
7	IC 200-186261/12	19.99612	20.00134	10.0	74645.0	1.000261	Y
8	IC 200-186261/13	39.99224	38.980692	10.0	76081.0	0.974706	Y



Calibration

/ Bromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

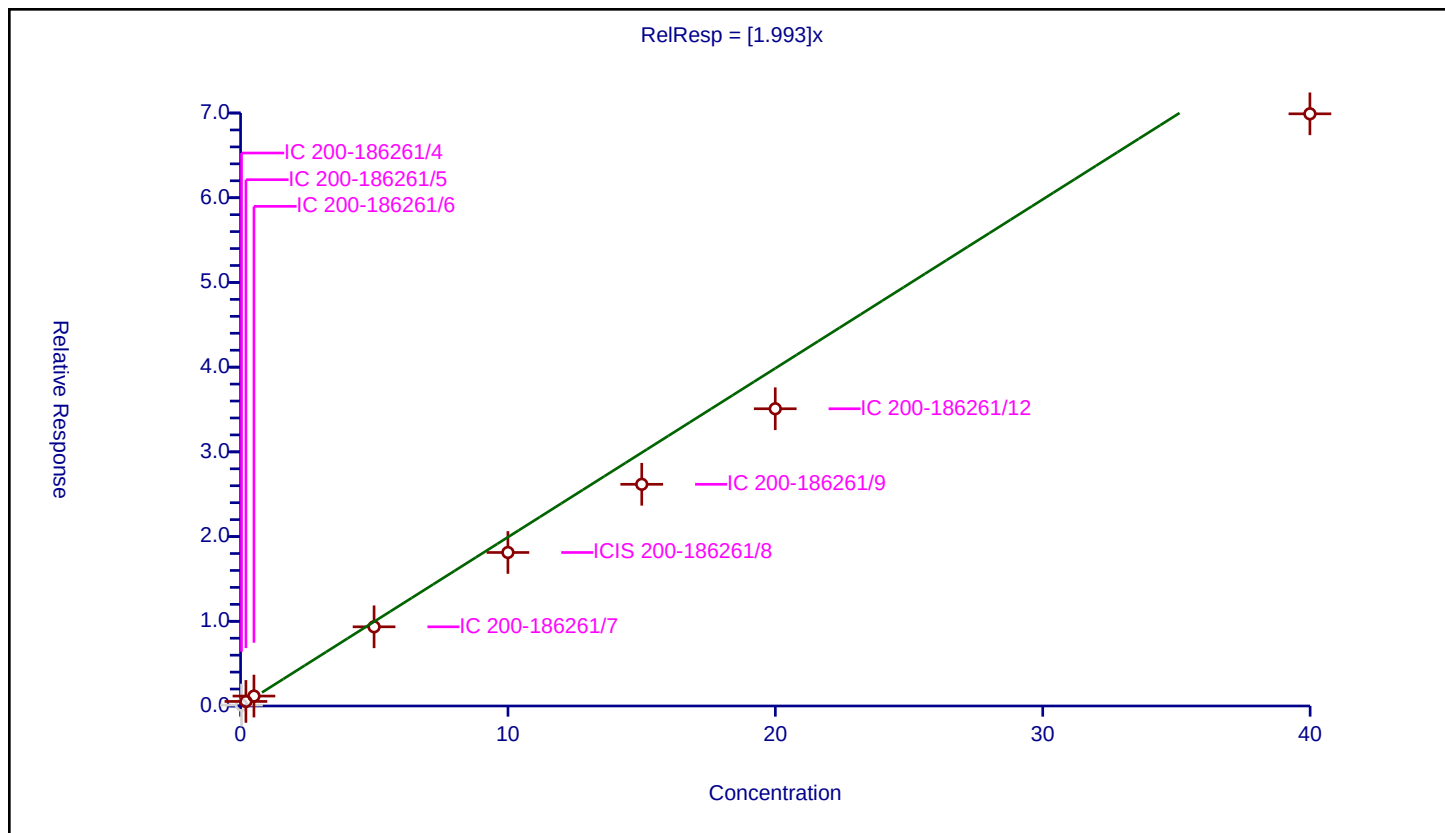
Curve Coefficients

Intercept: 0
 Slope: 1.993

Error Coefficients

Standard Error: 261000
 Relative Standard Error: 18.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.950

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.108123	10.0	64926.0	3.082455	N
2	IC 200-186261/5	0.20044	0.537281	10.0	62351.0	2.680512	Y
3	IC 200-186261/6	0.500453	1.171656	10.0	69645.0	2.341193	Y
4	IC 200-186261/7	4.992563	9.347181	10.0	69422.0	1.872221	Y
5	ICIS 200-186261/8	9.99806	18.122612	10.0	70939.0	1.812613	Y
6	IC 200-186261/9	15.003557	26.170028	10.0	73823.0	1.744255	Y
7	IC 200-186261/12	19.99612	35.087816	10.0	74645.0	1.754731	Y
8	IC 200-186261/13	39.99224	69.906416	10.0	76081.0	1.748	Y



Calibration

/ Chloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

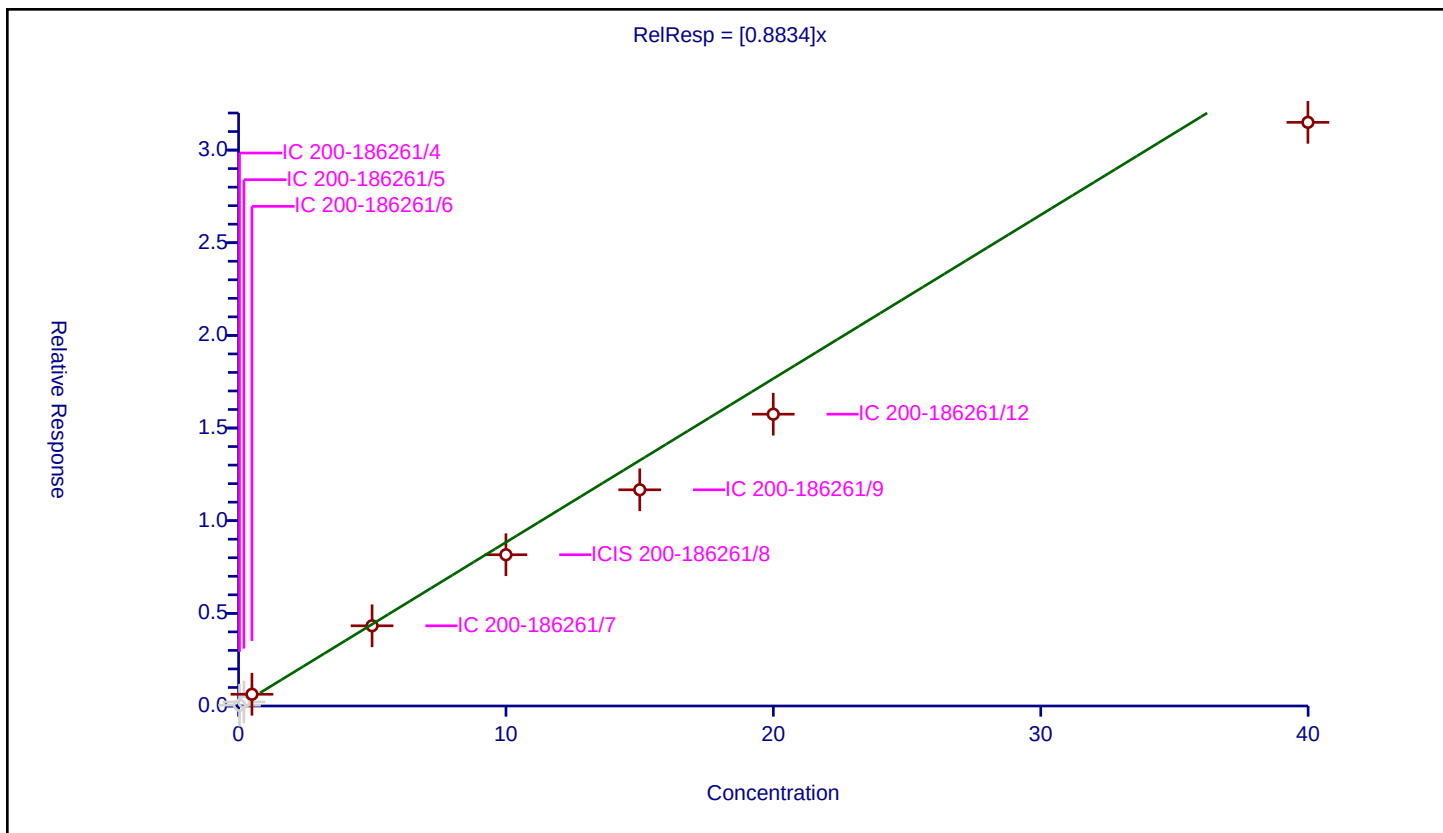
Curve Coefficients

Intercept: 0
 Slope: 0.8834

Error Coefficients

Standard Error: 129000
 Relative Standard Error: 21.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.936

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.041894	10.0	64926.0	1.194342	N
2	IC 200-186261/5	0.20044	0.218762	10.0	62351.0	1.091408	N
3	IC 200-186261/6	0.500453	0.632637	10.0	69645.0	1.26413	Y
4	IC 200-186261/7	4.992563	4.328599	10.0	69422.0	0.867009	Y
5	ICIS 200-186261/8	9.99806	8.16307	10.0	70939.0	0.816465	Y
6	IC 200-186261/9	15.003557	11.667637	10.0	73823.0	0.777658	Y
7	IC 200-186261/12	19.99612	15.746534	10.0	74645.0	0.787479	Y
8	IC 200-186261/13	39.99224	31.495774	10.0	76081.0	0.787547	Y



Calibration

/ 2-Methylbutane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

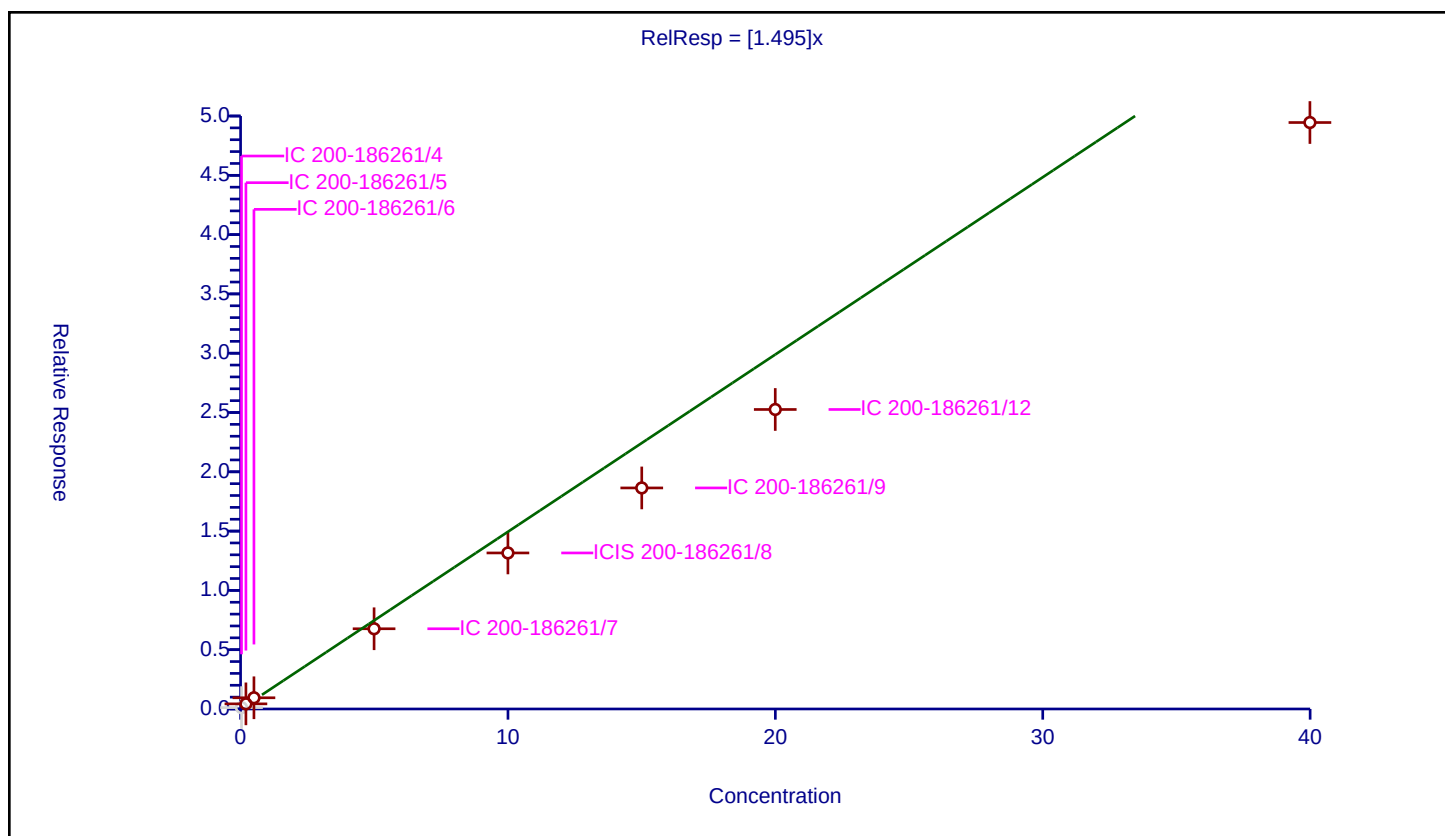
Curve Coefficients

Intercept: 0
Slope: 1.495

Error Coefficients

Standard Error: 186000
Relative Standard Error: 25.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.902

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.115516	10.0	64926.0	3.293221	N
2	IC 200-186261/5	0.20044	0.433353	10.0	62351.0	2.162013	Y
3	IC 200-186261/6	0.500453	0.944504	10.0	69645.0	1.8873	Y
4	IC 200-186261/7	4.992563	6.76457	10.0	69422.0	1.354929	Y
5	ICIS 200-186261/8	9.99806	13.156656	10.0	70939.0	1.315921	Y
6	IC 200-186261/9	15.003557	18.639719	10.0	73823.0	1.242353	Y
7	IC 200-186261/12	19.99612	25.254739	10.0	74645.0	1.262982	Y
8	IC 200-186261/13	39.99224	49.451243	10.0	76081.0	1.236521	Y



Calibration

/ Vinyl bromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

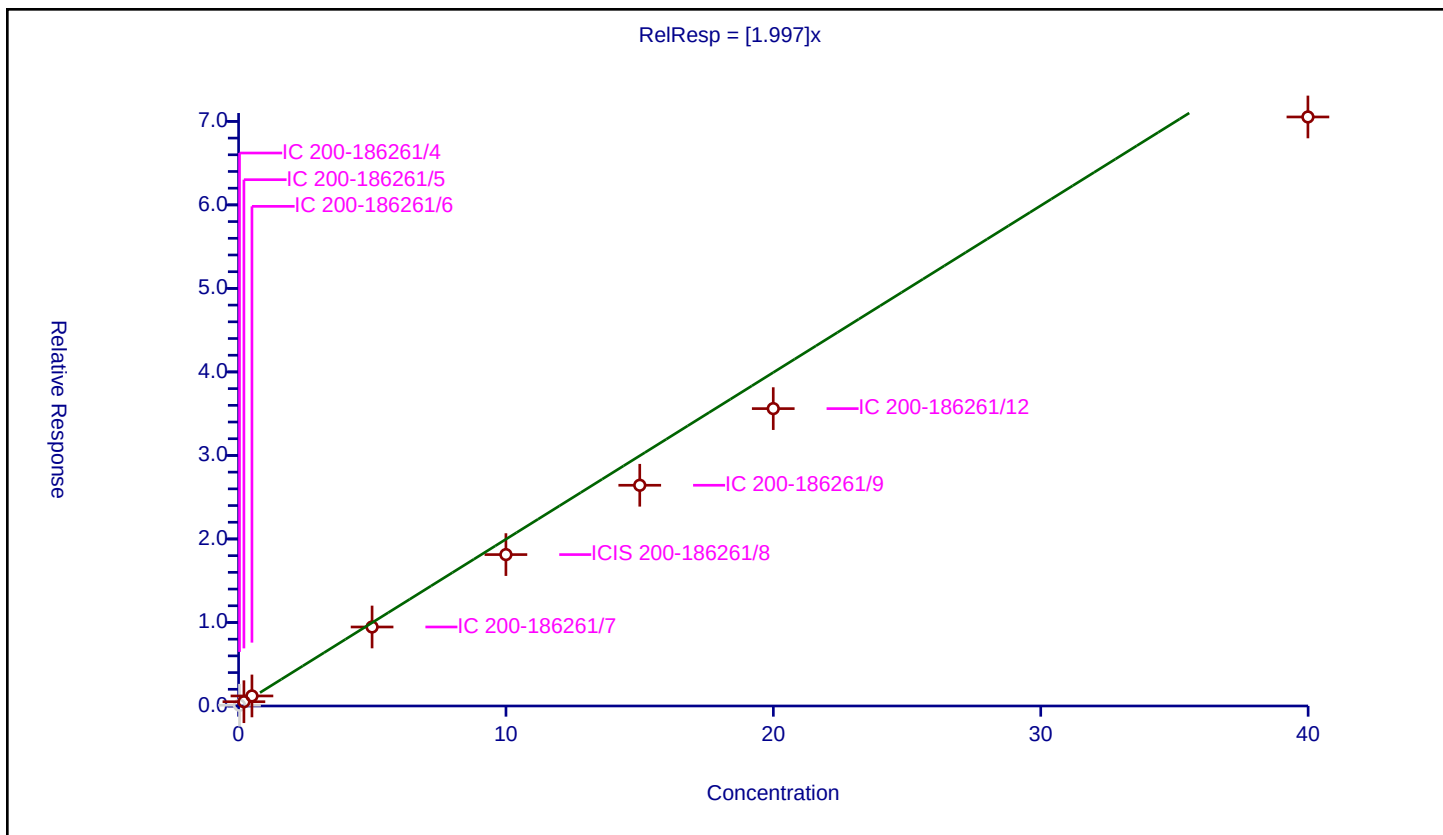
Curve Coefficients

Intercept: 0
 Slope: 1.997

Error Coefficients

Standard Error: 264000
 Relative Standard Error: 16.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.959

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.091951	10.0	64926.0	2.621404	N
2	IC 200-186261/5	0.20044	0.513544	10.0	62351.0	2.562089	Y
3	IC 200-186261/6	0.500453	1.202671	10.0	69645.0	2.403166	Y
4	IC 200-186261/7	4.992563	9.458961	10.0	69422.0	1.89461	Y
5	ICIS 200-186261/8	9.99806	18.126982	10.0	70939.0	1.81305	Y
6	IC 200-186261/9	15.003557	26.428755	10.0	73823.0	1.761499	Y
7	IC 200-186261/12	19.99612	35.606404	10.0	74645.0	1.780666	Y
8	IC 200-186261/13	39.99224	70.528121	10.0	76081.0	1.763545	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

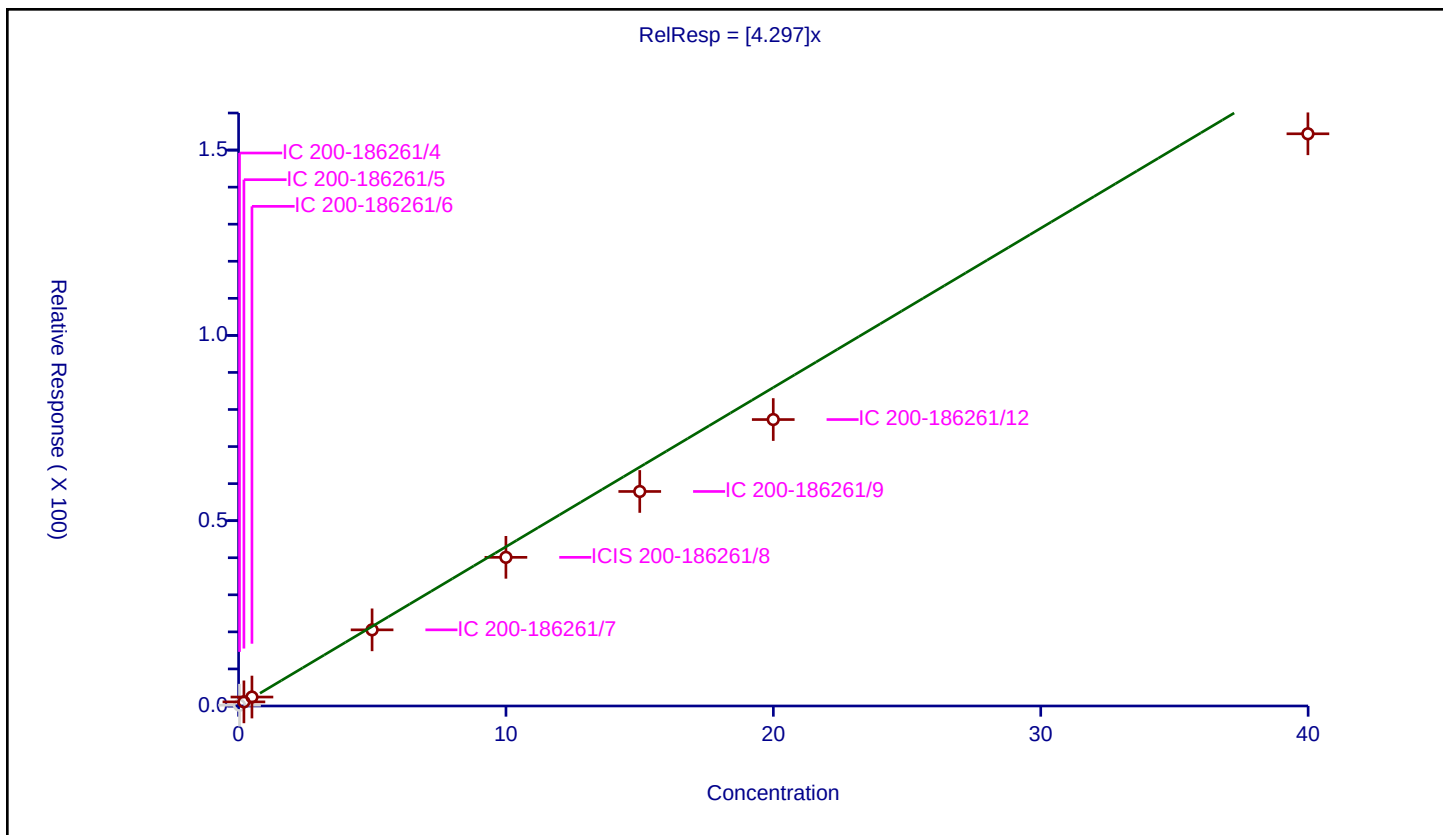
Curve Coefficients

Intercept: 0
 Slope: 4.297

Error Coefficients

Standard Error: 577000
 Relative Standard Error: 15.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.212088	10.0	64926.0	6.046354	N
2	IC 200-186261/5	0.20044	1.11177	10.0	62351.0	5.546659	Y
3	IC 200-186261/6	0.500453	2.413239	10.0	69645.0	4.822112	Y
4	IC 200-186261/7	4.992563	20.5432	10.0	69422.0	4.11476	Y
5	ICIS 200-186261/8	9.99806	40.111504	10.0	70939.0	4.011929	Y
6	IC 200-186261/9	15.003557	57.881555	10.0	73823.0	3.857856	Y
7	IC 200-186261/12	19.99612	77.291714	10.0	74645.0	3.865336	Y
8	IC 200-186261/13	39.99224	154.393475	10.0	76081.0	3.860586	Y



Calibration

/ Pentane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

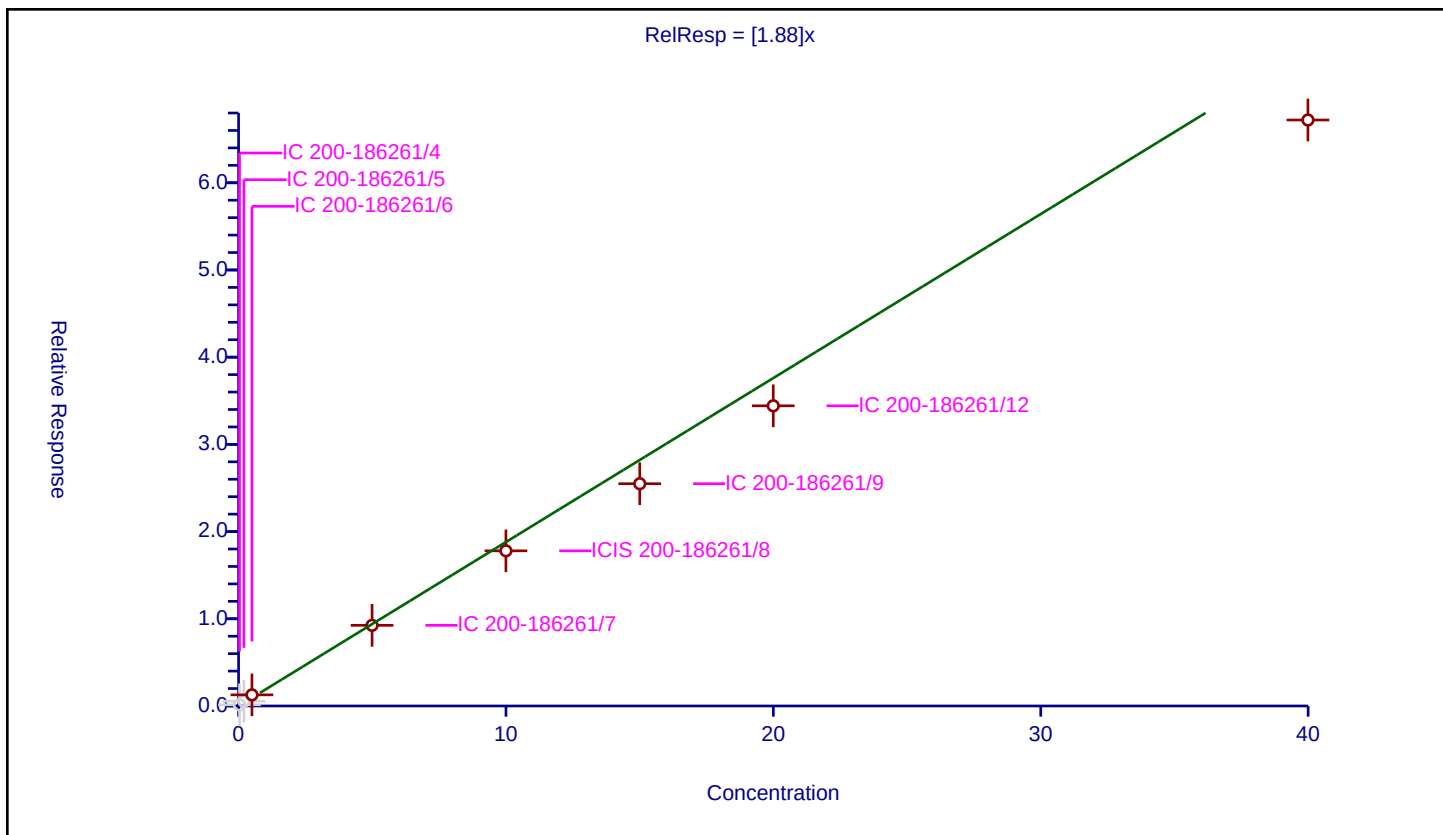
Curve Coefficients

Intercept: 0
 Slope: 1.88

Error Coefficients

Standard Error: 277000
 Relative Standard Error: 17.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.958

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.135539	10.0	64926.0	3.864046	N
2	IC 200-186261/5	0.20044	0.546423	10.0	62351.0	2.72612	N
3	IC 200-186261/6	0.500453	1.276043	10.0	69645.0	2.549778	Y
4	IC 200-186261/7	4.992563	9.249806	10.0	69422.0	1.852717	Y
5	ICIS 200-186261/8	9.99806	17.791906	10.0	70939.0	1.779536	Y
6	IC 200-186261/9	15.003557	25.489346	10.0	73823.0	1.698887	Y
7	IC 200-186261/12	19.99612	34.422265	10.0	74645.0	1.721447	Y
8	IC 200-186261/13	39.99224	67.198512	10.0	76081.0	1.680289	Y



Calibration

/ Ethanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

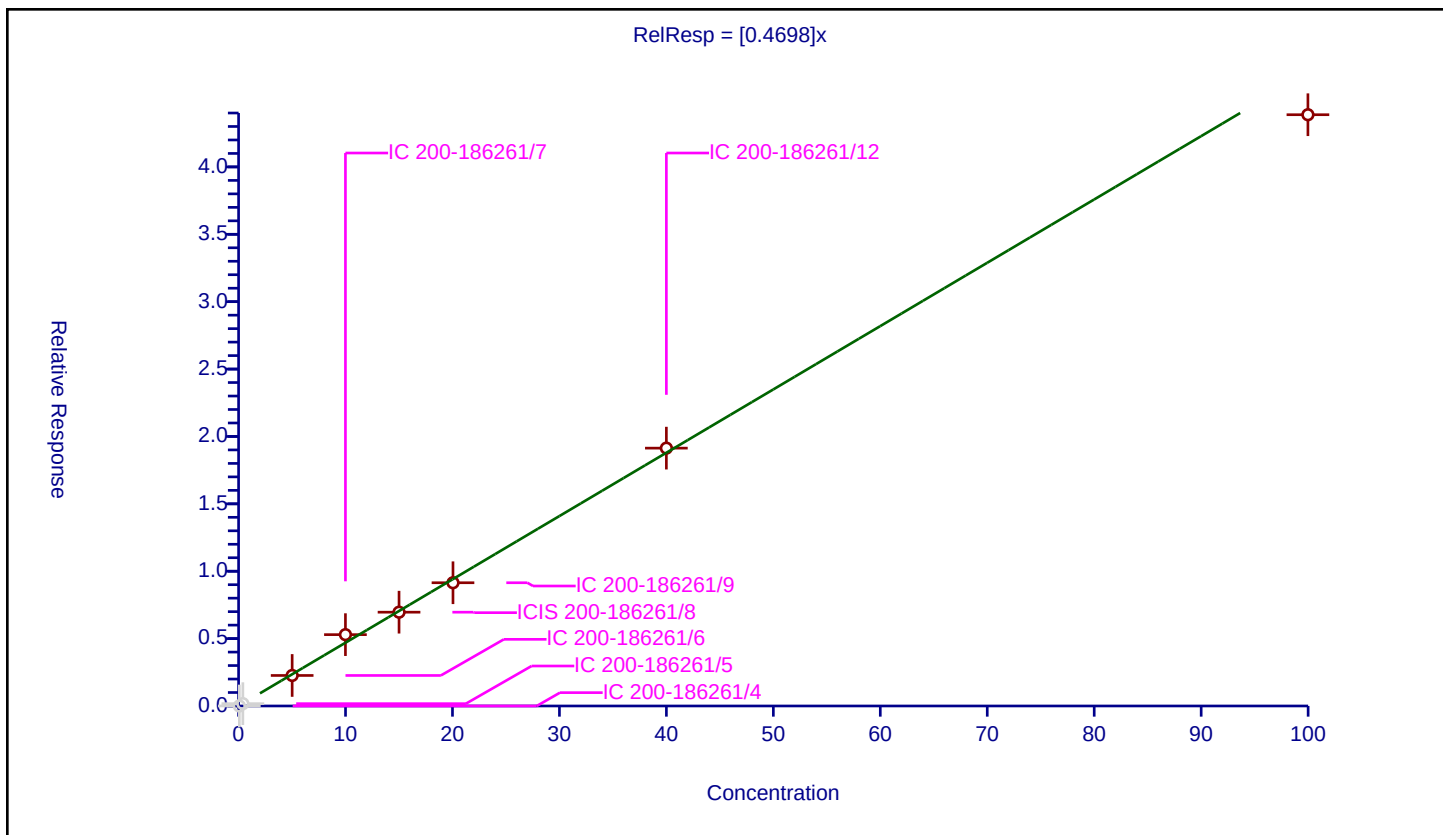
Curve Coefficients

Intercept: 0
 Slope: 0.4698

Error Coefficients

Standard Error: 168000
 Relative Standard Error: 6.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.070165	0.0	10.0	64926.0	0.0	N
2	IC 200-186261/5	0.400944	0.172251	10.0	62351.0	0.429613	N
3	IC 200-186261/6	5.010638	2.264484	10.0	69645.0	0.451935	Y
4	IC 200-186261/7	9.991593	5.293711	10.0	69422.0	0.529817	Y
5	ICIS 200-186261/8	15.003557	6.96091	10.0	70939.0	0.463951	Y
6	IC 200-186261/9	20.047856	9.145117	10.0	73823.0	0.456164	Y
7	IC 200-186261/12	39.998707	19.132561	10.0	74645.0	0.478329	Y
8	IC 200-186261/13	99.980599	43.874029	10.0	76081.0	0.438825	Y



Calibration

/ Ethyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

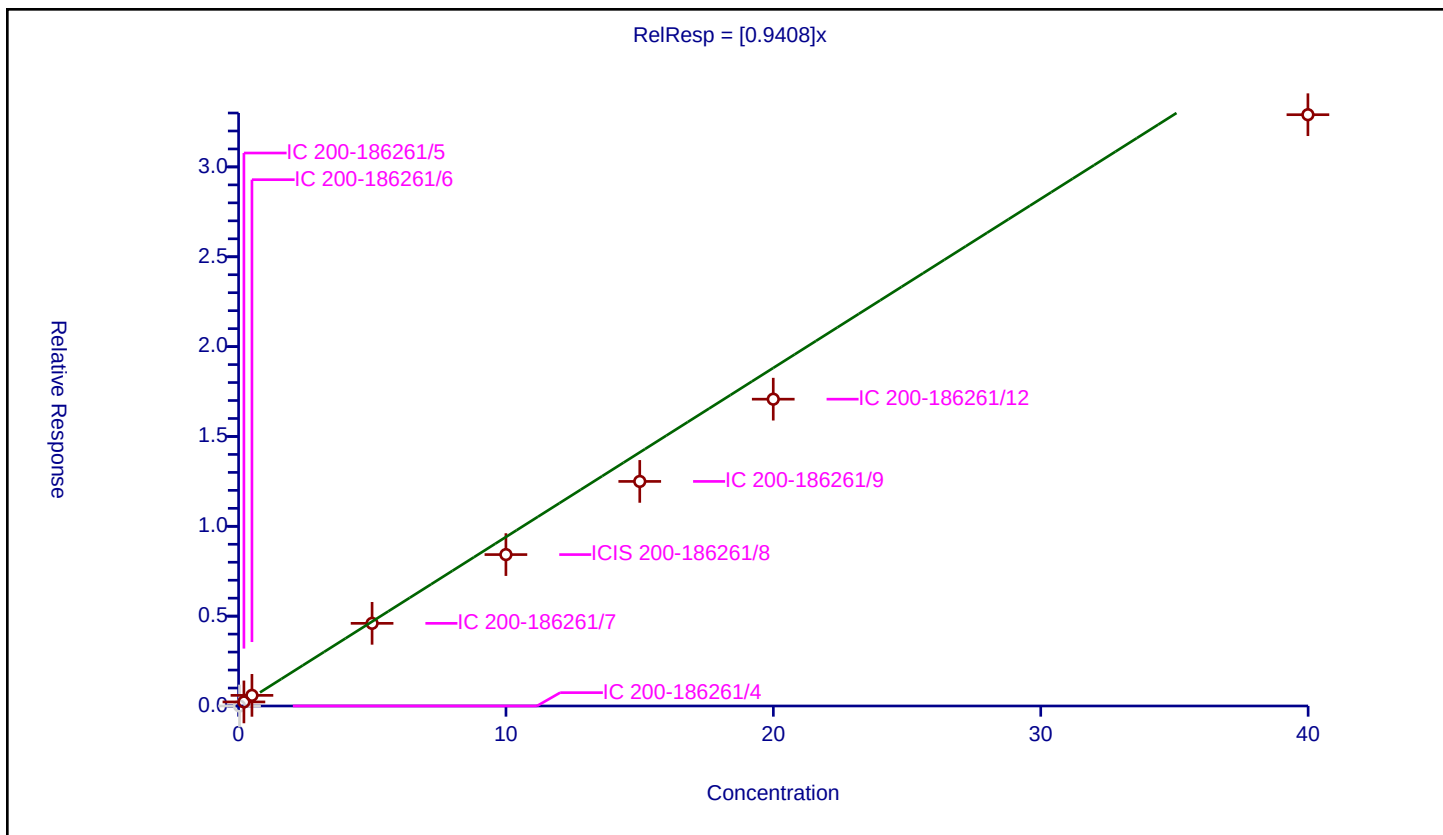
Curve Coefficients

Intercept: 0
 Slope: 0.9408

Error Coefficients

Standard Error: 124000
 Relative Standard Error: 16.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.0	10.0	64926.0	0.0	N
2	IC 200-186261/5	0.20044	0.226299	10.0	62351.0	1.129016	Y
3	IC 200-186261/6	0.500453	0.591859	10.0	69645.0	1.182647	Y
4	IC 200-186261/7	4.992563	4.599839	10.0	69422.0	0.921338	Y
5	ICIS 200-186261/8	9.99806	8.425972	10.0	70939.0	0.842761	Y
6	IC 200-186261/9	15.003557	12.497189	10.0	73823.0	0.832948	Y
7	IC 200-186261/12	19.99612	17.074687	10.0	74645.0	0.8539	Y
8	IC 200-186261/13	39.99224	32.906245	10.0	76081.0	0.822816	Y



Calibration

/ Acrolein

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

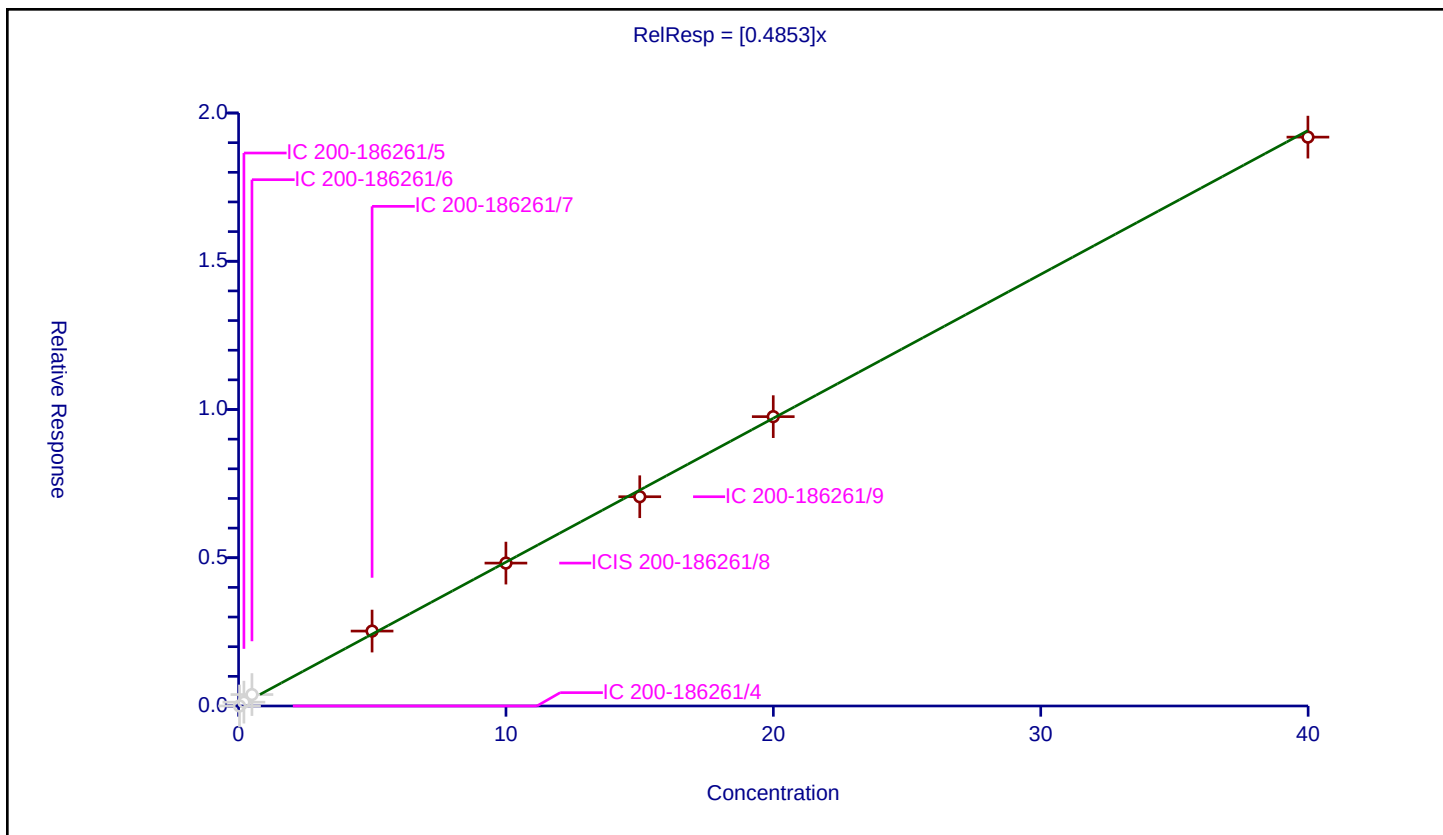
Curve Coefficients

Intercept: 0
 Slope: 0.4853

Error Coefficients

Standard Error: 87700
 Relative Standard Error: 2.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.0	10.0	64926.0	0.0	N
2	IC 200-186261/5	0.20044	0.129268	10.0	62351.0	0.644923	N
3	IC 200-186261/6	0.500453	0.38567	10.0	69645.0	0.770643	N
4	IC 200-186261/7	4.992563	2.526721	10.0	69422.0	0.506097	Y
5	ICIS 200-186261/8	9.99806	4.819916	10.0	70939.0	0.482085	Y
6	IC 200-186261/9	15.003557	7.058369	10.0	73823.0	0.470446	Y
7	IC 200-186261/12	19.99612	9.75926	10.0	74645.0	0.488058	Y
8	IC 200-186261/13	39.99224	19.187182	10.0	76081.0	0.479773	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

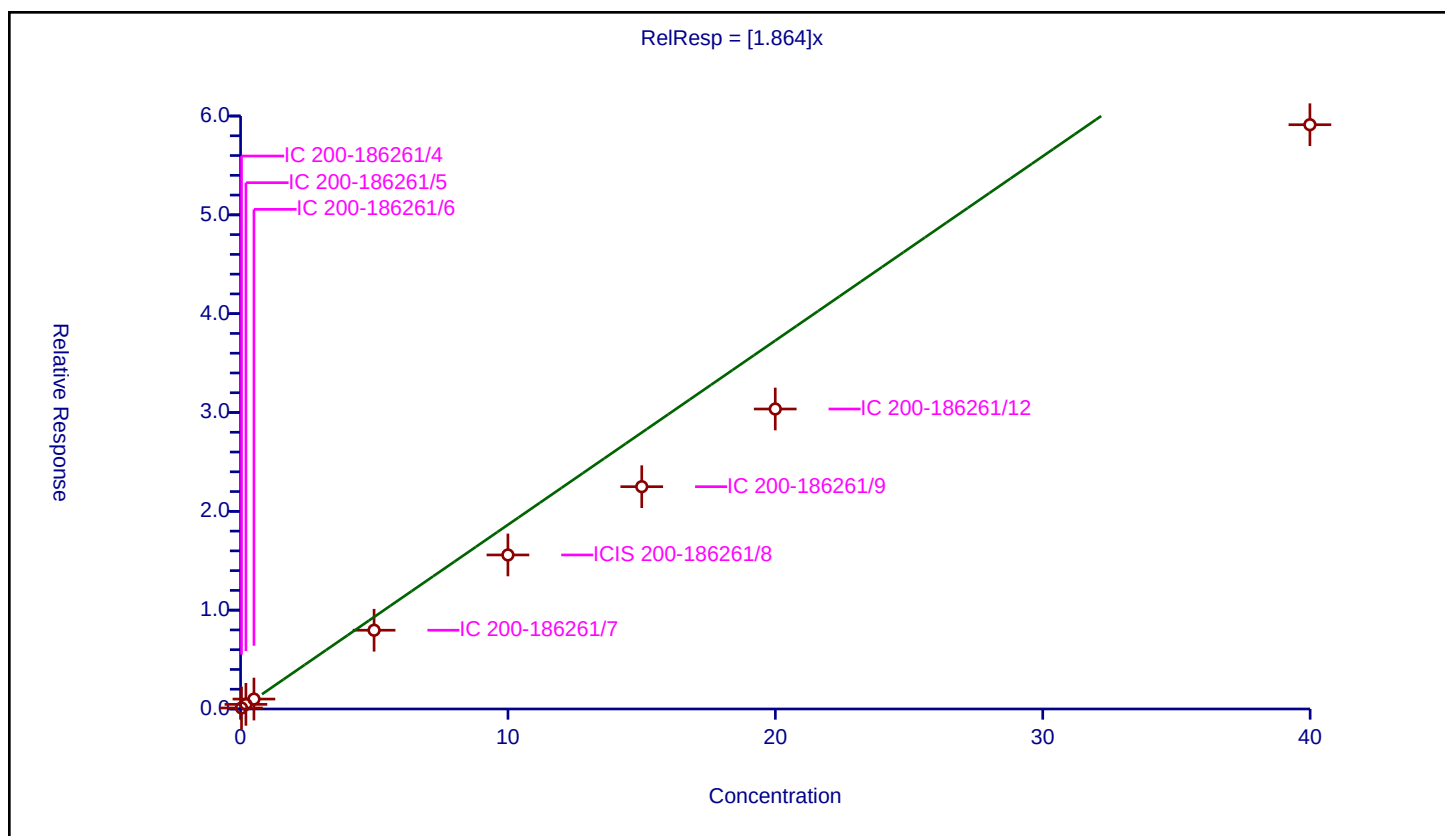
Curve Coefficients

Intercept: 0
Slope: 1.864

Error Coefficients

Standard Error: 206000
Relative Standard Error: 28.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.893

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.102424	10.0	64926.0	2.919989	Y
2	IC 200-186261/5	0.20044	0.468156	10.0	62351.0	2.335646	Y
3	IC 200-186261/6	0.500453	1.004236	10.0	69645.0	2.006655	Y
4	IC 200-186261/7	4.992563	7.969808	10.0	69422.0	1.596336	Y
5	ICIS 200-186261/8	9.99806	15.586349	10.0	70939.0	1.558937	Y
6	IC 200-186261/9	15.003557	22.494751	10.0	73823.0	1.499295	Y
7	IC 200-186261/12	19.99612	30.354344	10.0	74645.0	1.518012	Y
8	IC 200-186261/13	39.99224	59.120148	10.0	76081.0	1.478291	Y



Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

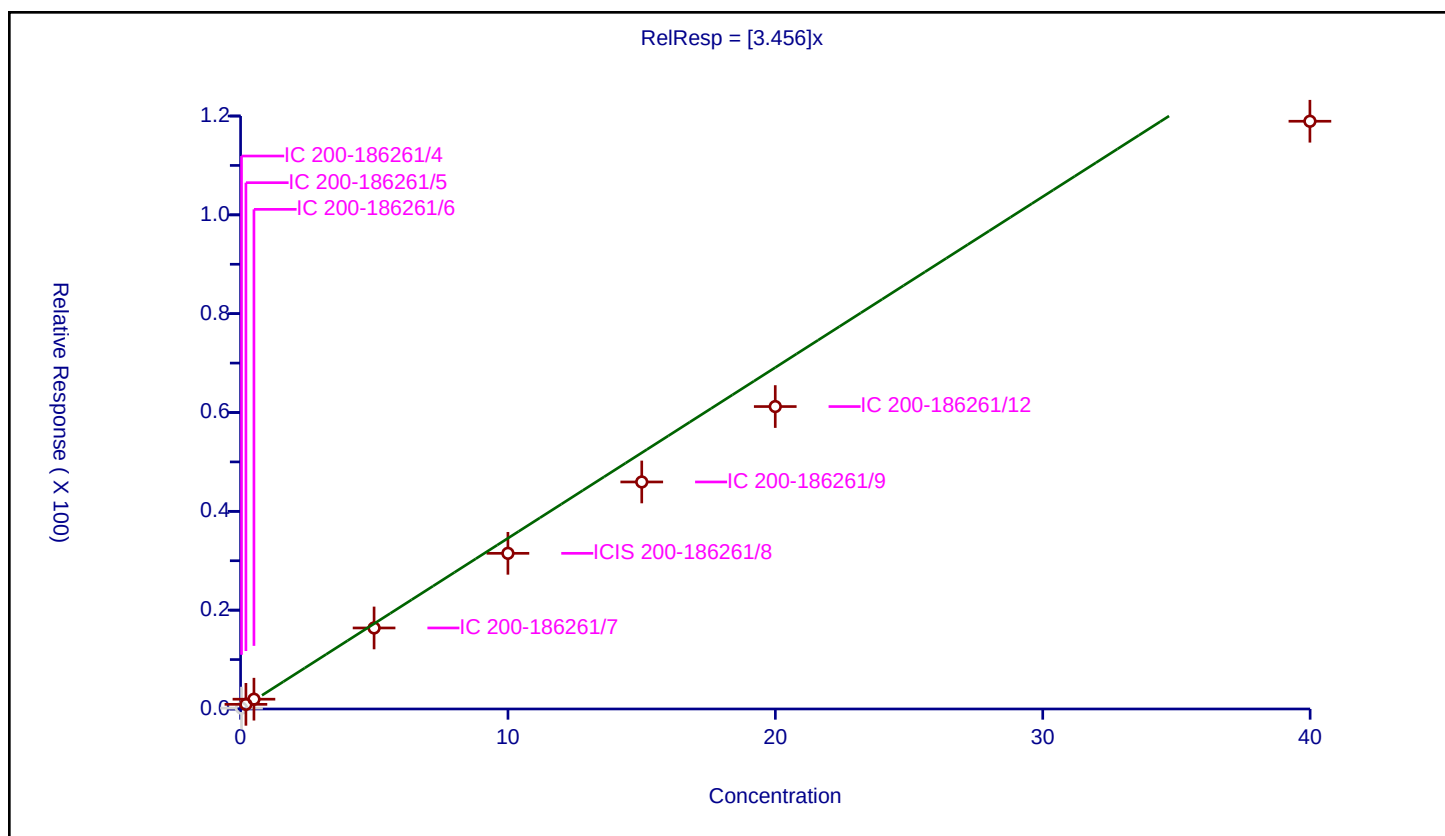
Curve Coefficients

Intercept: 0
Slope: 3.456

Error Coefficients

Standard Error: 448000
Relative Standard Error: 18.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.950

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.175122	10.0	64926.0	4.992523	N
2	IC 200-186261/5	0.20044	0.940322	10.0	62351.0	4.691296	Y
3	IC 200-186261/6	0.500453	1.985785	10.0	69645.0	3.967978	Y
4	IC 200-186261/7	4.992563	16.394659	10.0	69422.0	3.283816	Y
5	ICIS 200-186261/8	9.99806	31.499598	10.0	70939.0	3.150571	Y
6	IC 200-186261/9	15.003557	45.942051	10.0	73823.0	3.062077	Y
7	IC 200-186261/12	19.99612	61.203162	10.0	74645.0	3.060752	Y
8	IC 200-186261/13	39.99224	118.94034	10.0	76081.0	2.974086	Y



Calibration

/ Acetone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

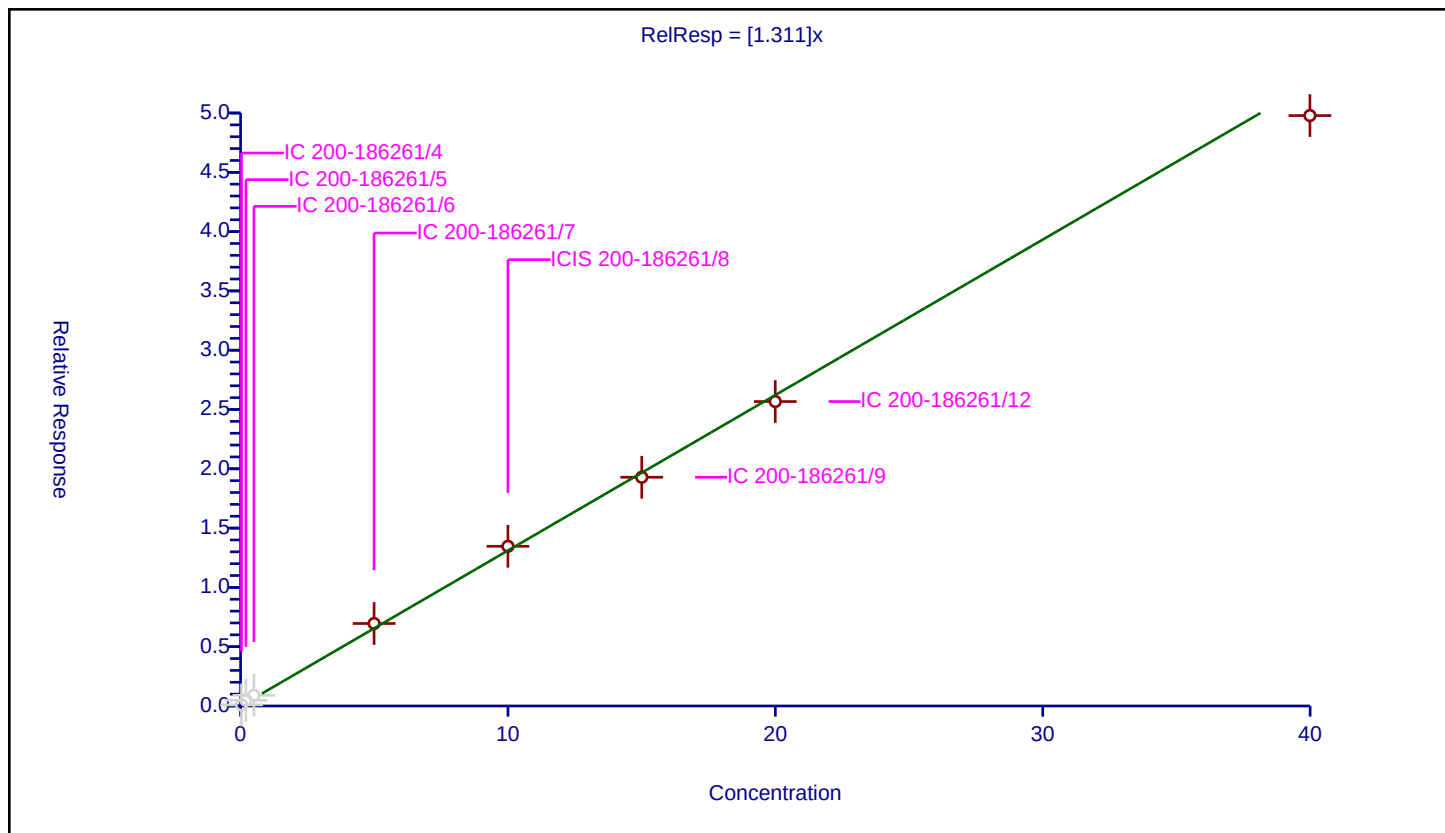
Curve Coefficients

Intercept: 0
 Slope: 1.311

Error Coefficients

Standard Error: 230000
 Relative Standard Error: 4.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.093183	10.0	64926.0	2.656532	N
2	IC 200-186261/5	0.20044	0.483874	10.0	62351.0	2.414061	N
3	IC 200-186261/6	0.500453	0.899706	10.0	69645.0	1.797784	N
4	IC 200-186261/7	4.992563	6.956008	10.0	69422.0	1.393274	Y
5	ICIS 200-186261/8	9.99806	13.464526	10.0	70939.0	1.346714	Y
6	IC 200-186261/9	15.003557	19.287214	10.0	73823.0	1.285509	Y
7	IC 200-186261/12	19.99612	25.671512	10.0	74645.0	1.283825	Y
8	IC 200-186261/13	39.99224	49.784572	10.0	76081.0	1.244856	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

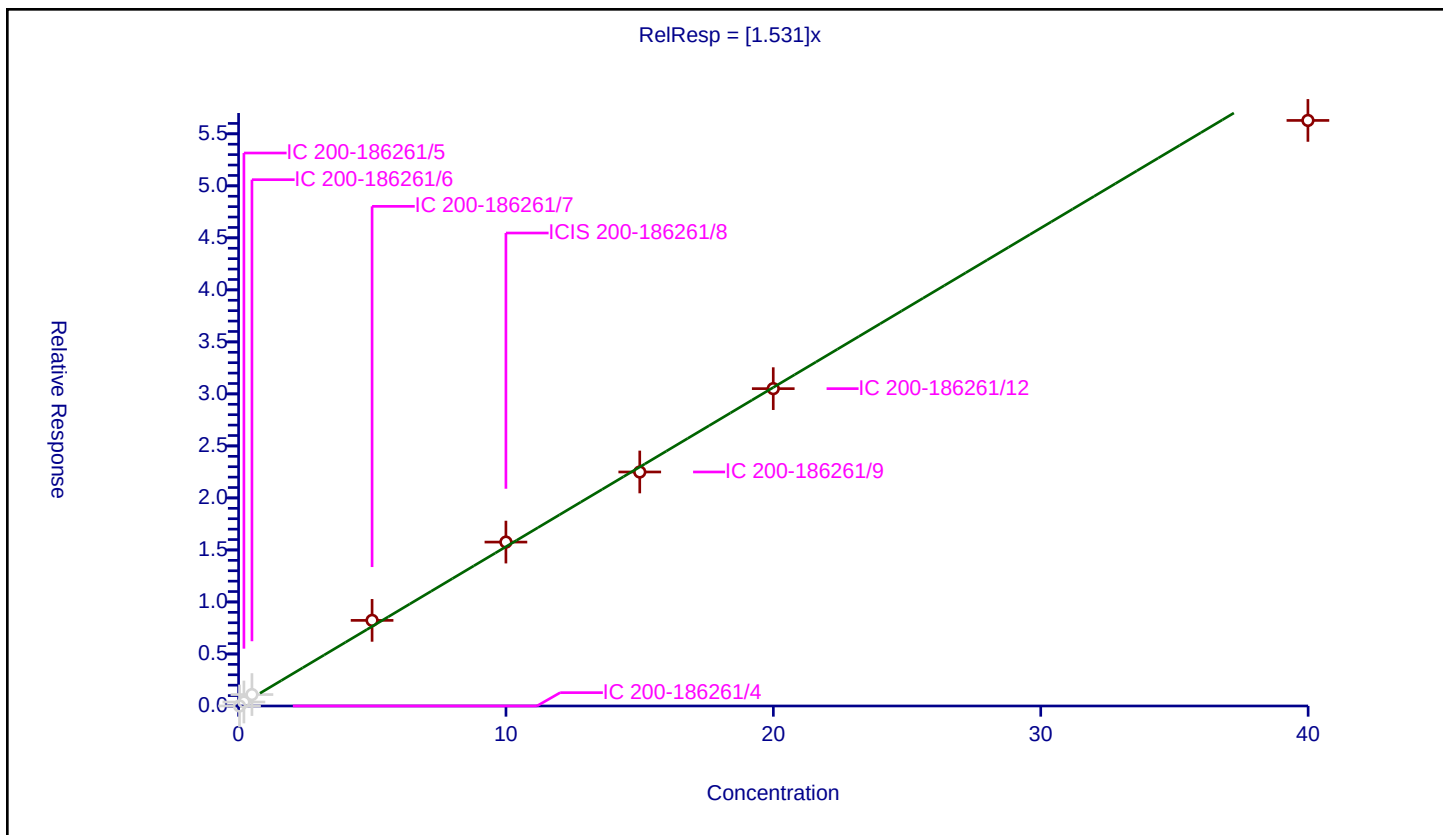
Curve Coefficients

Intercept: 0
 Slope: 1.531

Error Coefficients

Standard Error: 264000
 Relative Standard Error: 5.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.0	10.0	64926.0	0.0	N
2	IC 200-186261/5	0.20044	0.382352	10.0	62351.0	1.907564	N
3	IC 200-186261/6	0.500453	1.099289	10.0	69645.0	2.19659	N
4	IC 200-186261/7	4.992563	8.230676	10.0	69422.0	1.648587	Y
5	ICIS 200-186261/8	9.99806	15.754803	10.0	70939.0	1.575786	Y
6	IC 200-186261/9	15.003557	22.493396	10.0	73823.0	1.499204	Y
7	IC 200-186261/12	19.99612	30.504119	10.0	74645.0	1.525502	Y
8	IC 200-186261/13	39.99224	56.286852	10.0	76081.0	1.407444	Y



Calibration

/ Carbon disulfide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

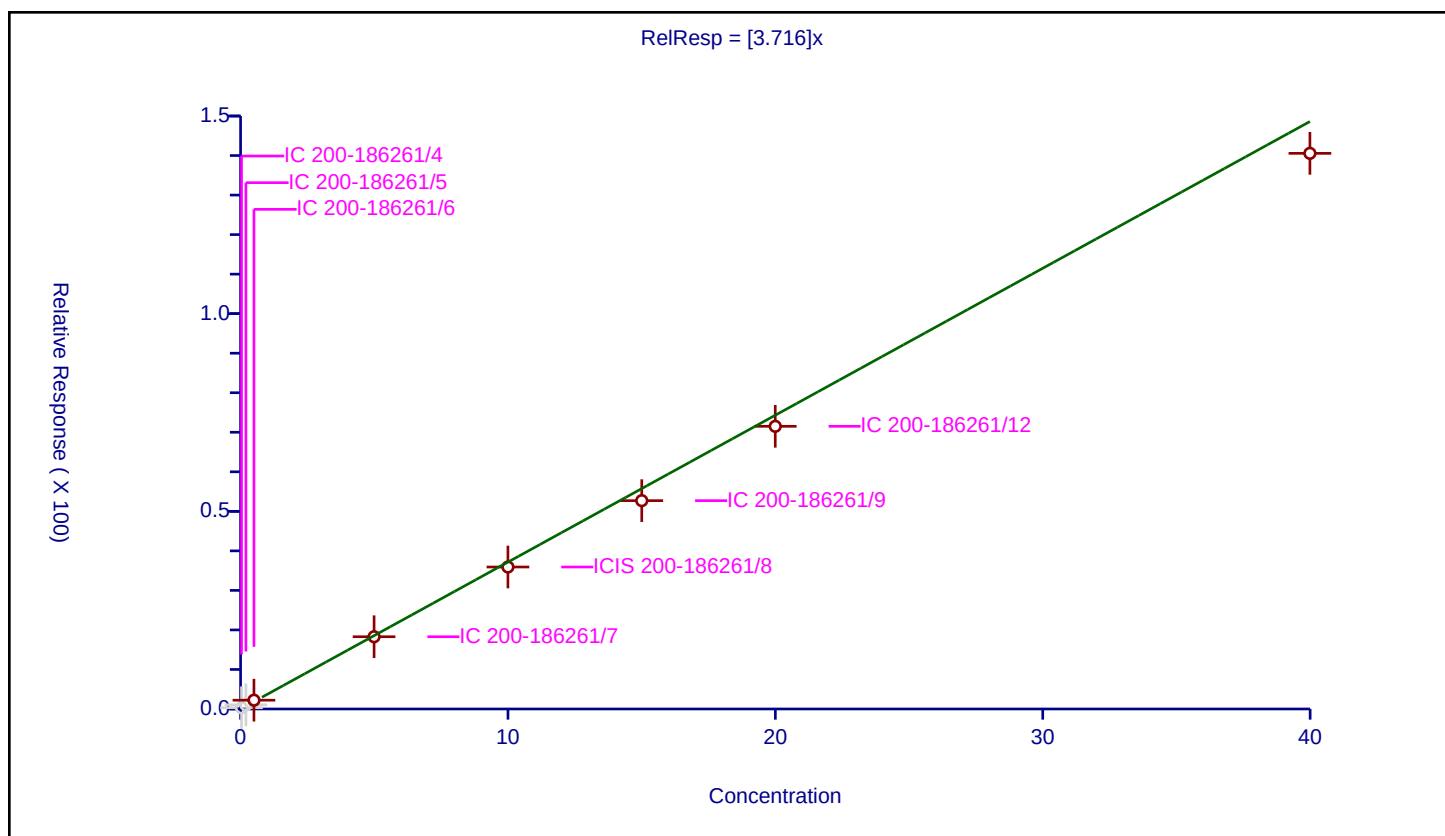
Curve Coefficients

Intercept: 0
 Slope: 3.716

Error Coefficients

Standard Error: 576000
 Relative Standard Error: 9.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.316052	10.0	64926.0	9.010253	N
2	IC 200-186261/5	0.20044	1.05692	10.0	62351.0	5.273007	N
3	IC 200-186261/6	0.500453	2.221839	10.0	69645.0	4.43966	Y
4	IC 200-186261/7	4.992563	18.277059	10.0	69422.0	3.660857	Y
5	ICIS 200-186261/8	9.99806	35.916774	10.0	70939.0	3.592374	Y
6	IC 200-186261/9	15.003557	52.699565	10.0	73823.0	3.512471	Y
7	IC 200-186261/12	19.99612	71.504186	10.0	74645.0	3.575903	Y
8	IC 200-186261/13	39.99224	140.554015	10.0	76081.0	3.514532	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

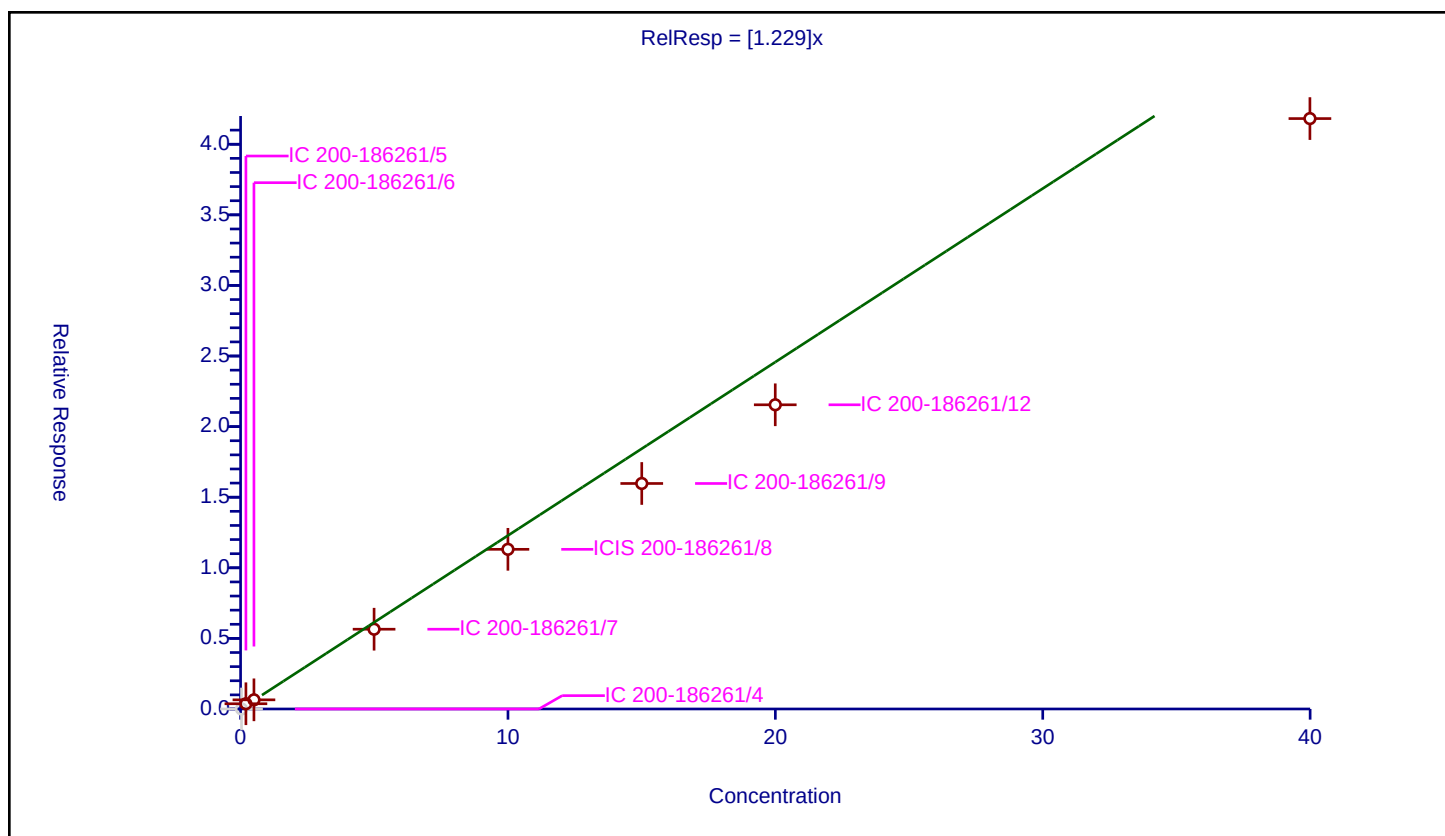
Curve Coefficients

Intercept: 0
Slope: 1.229

Error Coefficients

Standard Error: 158000
Relative Standard Error: 23.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.914

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.0	10.0	64926.0	0.0	N
2	IC 200-186261/5	0.20044	0.371927	10.0	62351.0	1.855554	Y
3	IC 200-186261/6	0.500453	0.648001	10.0	69645.0	1.294829	Y
4	IC 200-186261/7	4.992563	5.649938	10.0	69422.0	1.131671	Y
5	ICIS 200-186261/8	9.99806	11.309576	10.0	70939.0	1.131177	Y
6	IC 200-186261/9	15.003557	15.973071	10.0	73823.0	1.064619	Y
7	IC 200-186261/12	19.99612	21.545448	10.0	74645.0	1.077481	Y
8	IC 200-186261/13	39.99224	41.819508	10.0	76081.0	1.045691	Y



Calibration

/ Acetonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

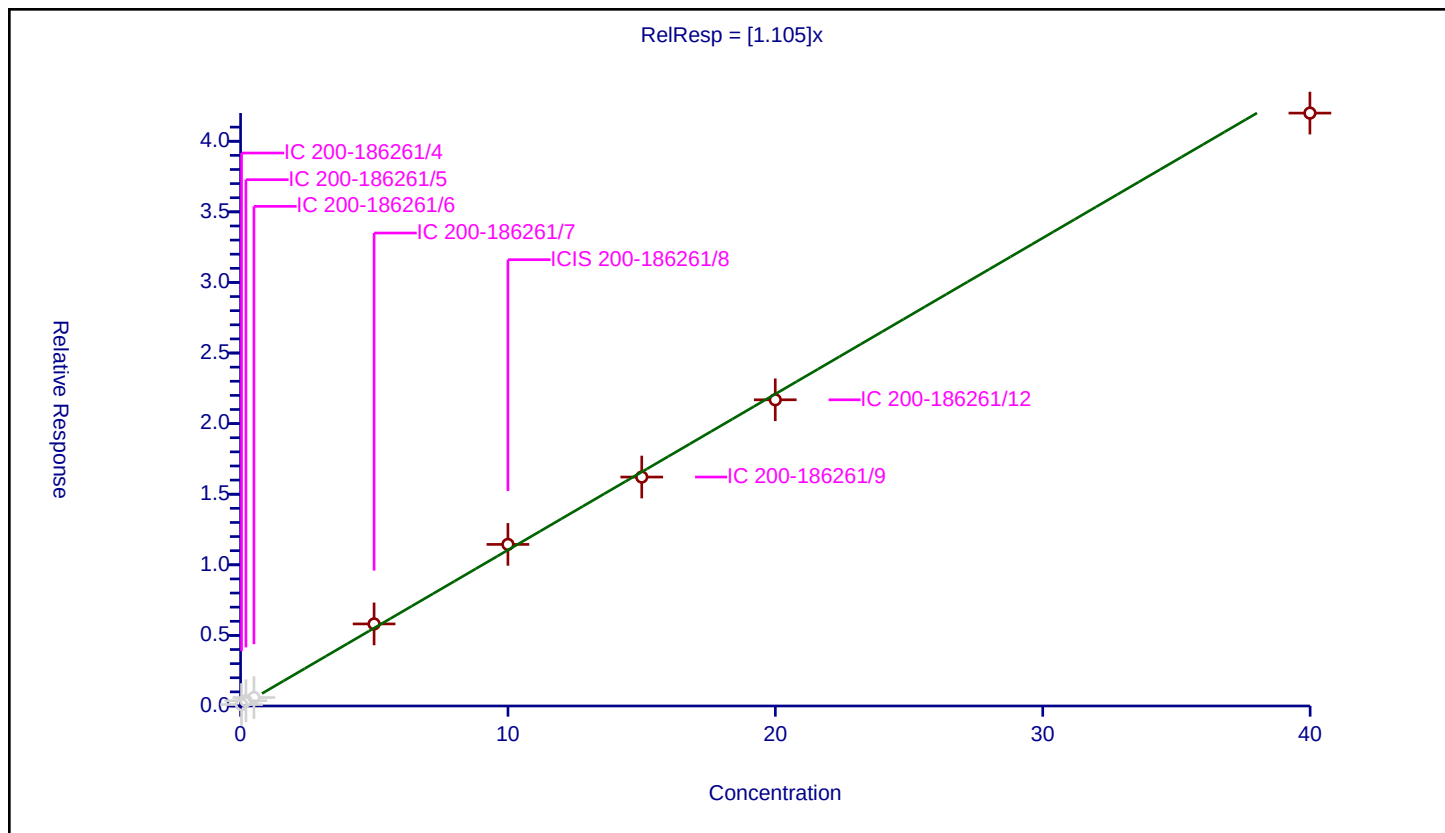
Curve Coefficients

Intercept: 0
 Slope: 1.105

Error Coefficients

Standard Error: 194000
 Relative Standard Error: 4.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.101808	10.0	64926.0	2.902426	N
2	IC 200-186261/5	0.20044	0.371927	10.0	62351.0	1.855554	N
3	IC 200-186261/6	0.500453	0.597889	10.0	69645.0	1.194697	N
4	IC 200-186261/7	4.992563	5.81199	10.0	69422.0	1.16413	Y
5	ICIS 200-186261/8	9.99806	11.445608	10.0	70939.0	1.144783	Y
6	IC 200-186261/9	15.003557	16.216491	10.0	73823.0	1.080843	Y
7	IC 200-186261/12	19.99612	21.68732	10.0	74645.0	1.084576	Y
8	IC 200-186261/13	39.99224	41.995242	10.0	76081.0	1.050085	Y



Calibration

/ Methylene Chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

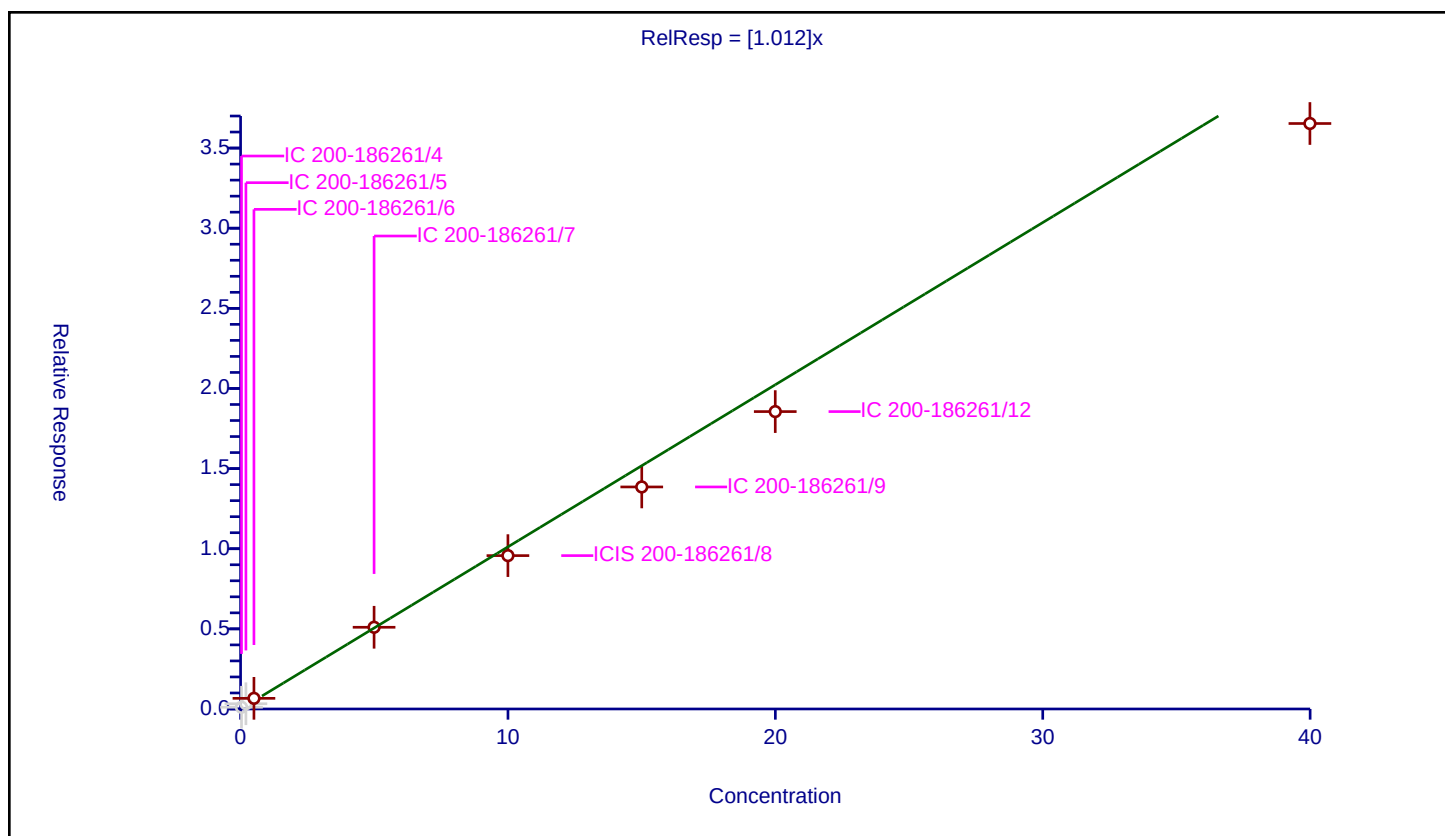
Curve Coefficients

Intercept: 0
 Slope: 1.012

Error Coefficients

Standard Error: 150000
 Relative Standard Error: 15.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.108431	10.0	64926.0	3.091237	N
2	IC 200-186261/5	0.20044	0.32718	10.0	62351.0	1.632312	N
3	IC 200-186261/6	0.500453	0.663939	10.0	69645.0	1.326676	Y
4	IC 200-186261/7	4.992563	5.099392	10.0	69422.0	1.021398	Y
5	ICIS 200-186261/8	9.99806	9.570899	10.0	70939.0	0.957276	Y
6	IC 200-186261/9	15.003557	13.855438	10.0	73823.0	0.923477	Y
7	IC 200-186261/12	19.99612	18.557439	10.0	74645.0	0.928052	Y
8	IC 200-186261/13	39.99224	36.533169	10.0	76081.0	0.913506	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

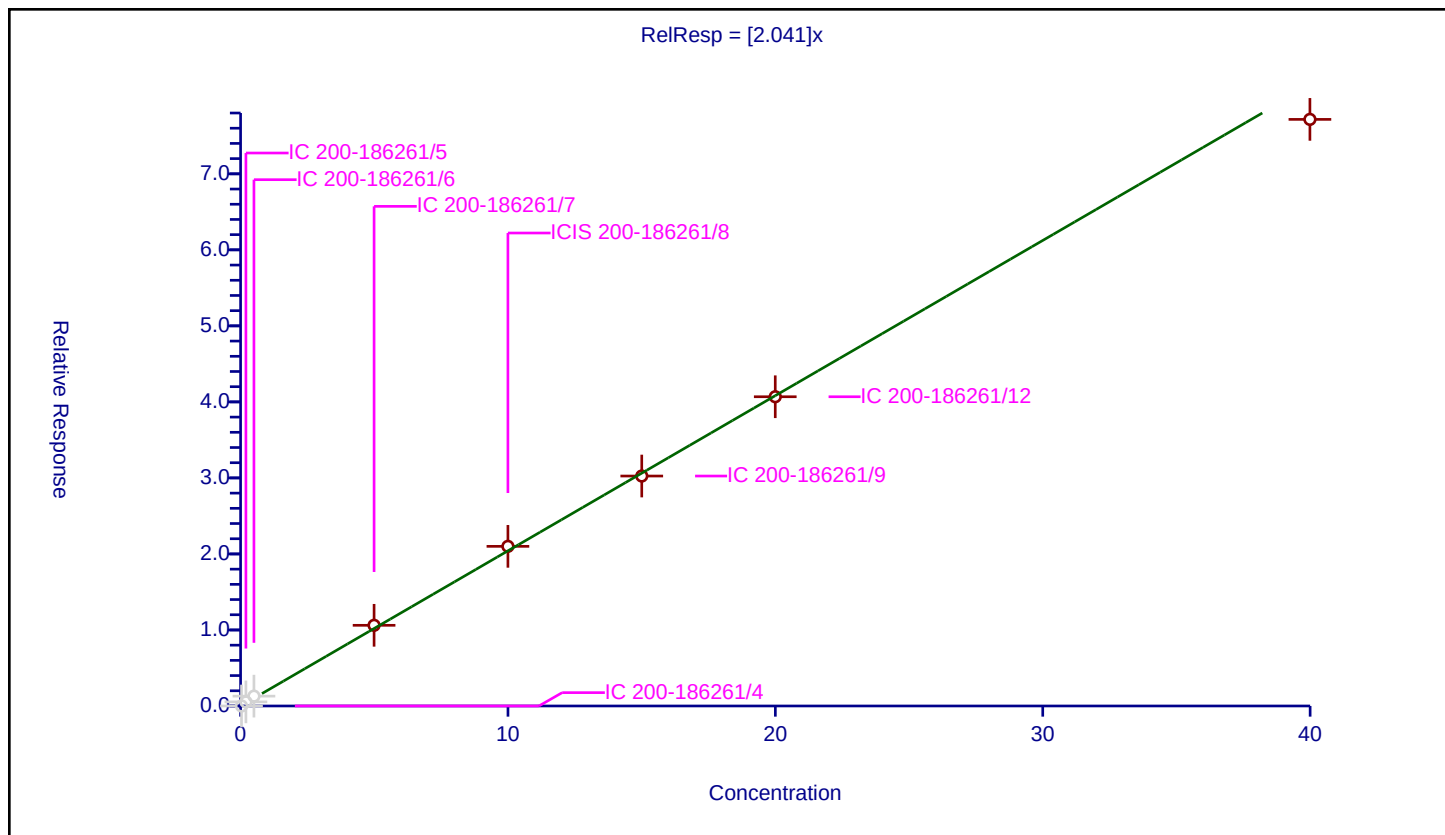
Curve Coefficients

Intercept: 0
 Slope: 2.041

Error Coefficients

Standard Error: 359000
 Relative Standard Error: 3.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.0	10.0	64926.0	0.0	N
2	IC 200-186261/5	0.20044	0.540489	10.0	62351.0	2.696515	N
3	IC 200-186261/6	0.500453	1.294422	10.0	69645.0	2.586502	N
4	IC 200-186261/7	4.992563	10.614215	10.0	69422.0	2.126005	Y
5	ICIS 200-186261/8	9.99806	20.998745	10.0	70939.0	2.100282	Y
6	IC 200-186261/9	15.003557	30.24938	10.0	73823.0	2.016147	Y
7	IC 200-186261/12	19.99612	40.677741	10.0	74645.0	2.034282	Y
8	IC 200-186261/13	39.99224	77.163024	10.0	76081.0	1.92945	Y



Calibration

/ Acrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

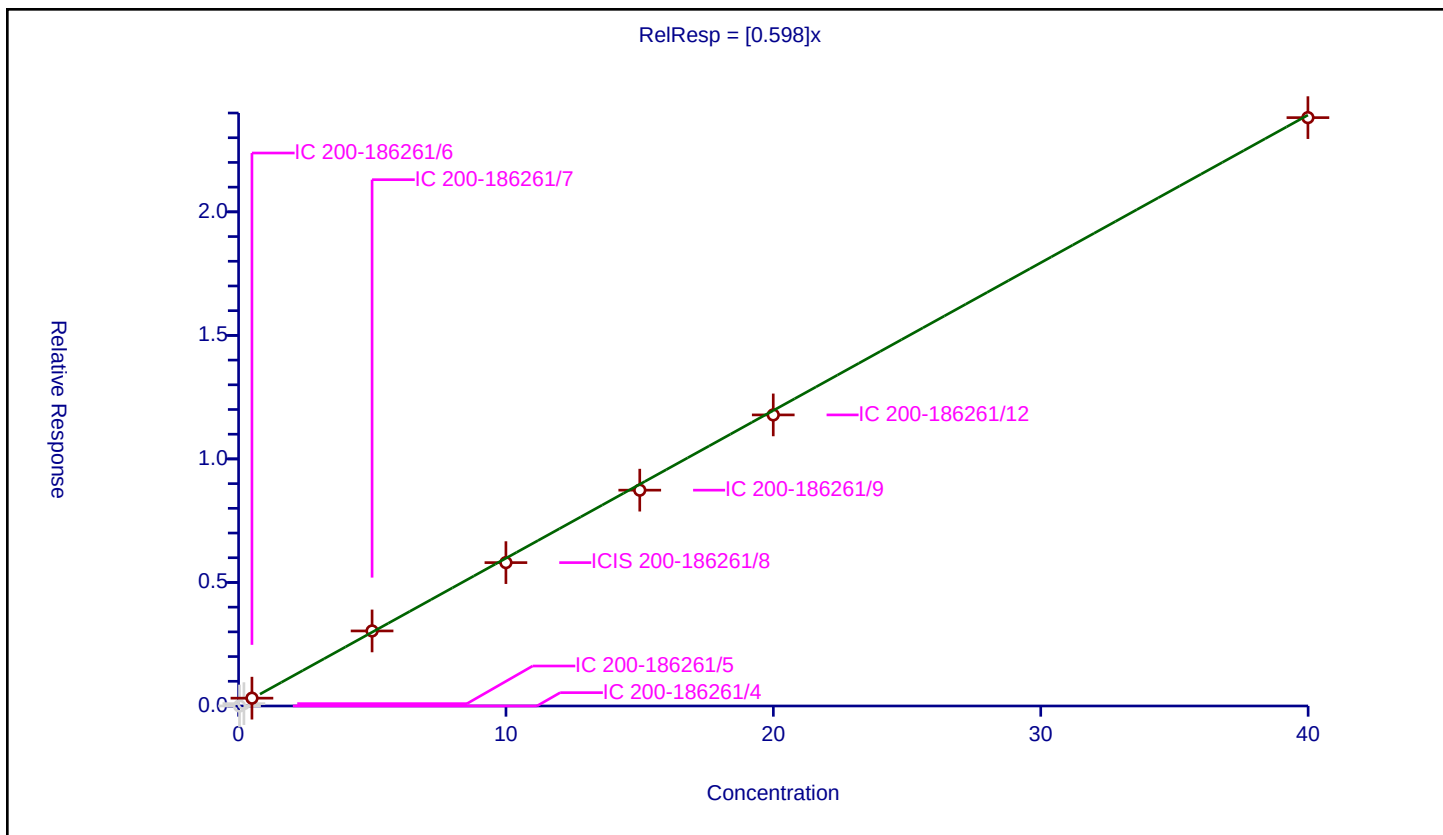
Curve Coefficients

Intercept: 0
 Slope: 0.598

Error Coefficients

Standard Error: 96800
 Relative Standard Error: 3.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.0	10.0	64926.0	0.0	N
2	IC 200-186261/5	0.20044	0.095267	10.0	62351.0	0.475291	N
3	IC 200-186261/6	0.500453	0.316462	10.0	69645.0	0.632352	Y
4	IC 200-186261/7	4.992563	3.037798	10.0	69422.0	0.608465	Y
5	ICIS 200-186261/8	9.99806	5.803296	10.0	70939.0	0.580442	Y
6	IC 200-186261/9	15.003557	8.735083	10.0	73823.0	0.582201	Y
7	IC 200-186261/12	19.99612	11.780695	10.0	74645.0	0.589149	Y
8	IC 200-186261/13	39.99224	23.813436	10.0	76081.0	0.595451	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

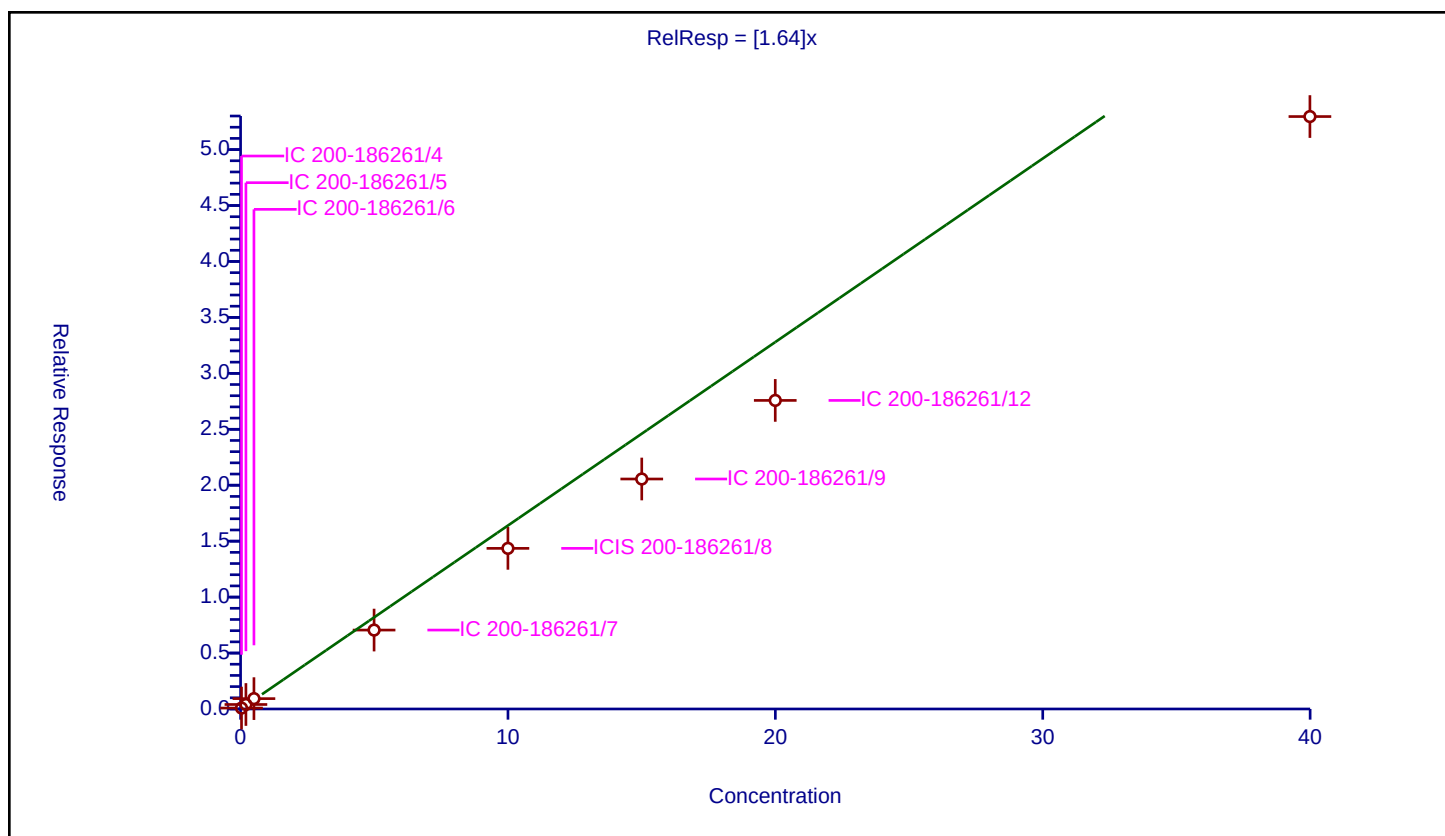
Curve Coefficients

Intercept: 0
Slope: 1.64

Error Coefficients

Standard Error: 185000
Relative Standard Error: 23.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.931

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.082402	10.0	64926.0	2.349164	Y
2	IC 200-186261/5	0.20044	0.400795	10.0	62351.0	1.999582	Y
3	IC 200-186261/6	0.500453	0.92512	10.0	69645.0	1.848567	Y
4	IC 200-186261/7	4.992563	7.054248	10.0	69422.0	1.412951	Y
5	ICIS 200-186261/8	9.99806	14.356419	10.0	70939.0	1.43592	Y
6	IC 200-186261/9	15.003557	20.555653	10.0	73823.0	1.370052	Y
7	IC 200-186261/12	19.99612	27.579208	10.0	74645.0	1.379228	Y
8	IC 200-186261/13	39.99224	52.951591	10.0	76081.0	1.324047	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

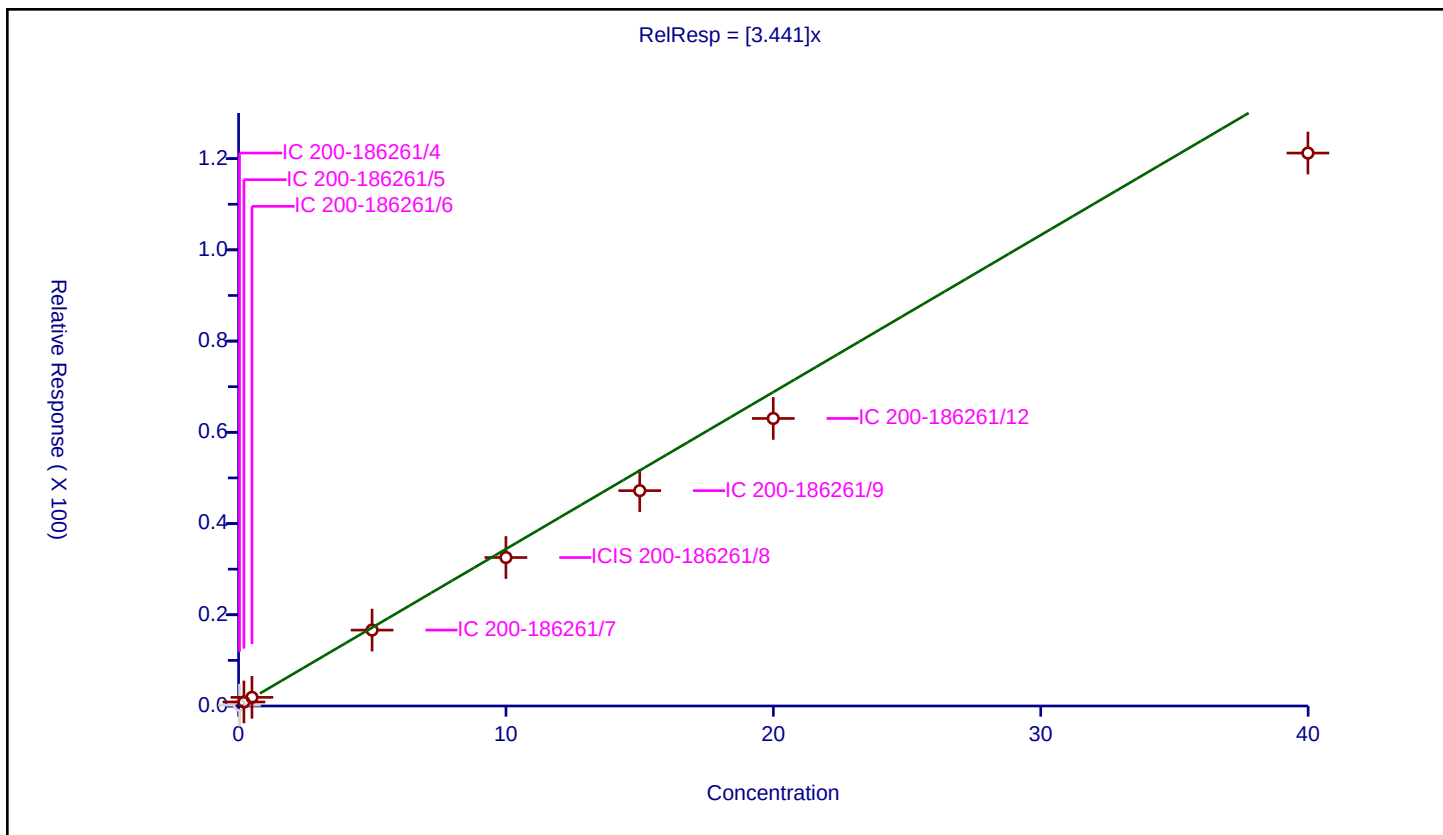
Curve Coefficients

Intercept: 0
 Slope: 3.441

Error Coefficients

Standard Error: 458000
 Relative Standard Error: 14.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.186212	10.0	64926.0	5.308672	N
2	IC 200-186261/5	0.20044	0.88098	10.0	62351.0	4.395239	Y
3	IC 200-186261/6	0.500453	1.888865	10.0	69645.0	3.774314	Y
4	IC 200-186261/7	4.992563	16.643859	10.0	69422.0	3.333731	Y
5	ICIS 200-186261/8	9.99806	32.551629	10.0	70939.0	3.255795	Y
6	IC 200-186261/9	15.003557	47.209135	10.0	73823.0	3.14653	Y
7	IC 200-186261/12	19.99612	63.034765	10.0	74645.0	3.15235	Y
8	IC 200-186261/13	39.99224	121.21857	10.0	76081.0	3.031052	Y



Calibration

/ Hexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

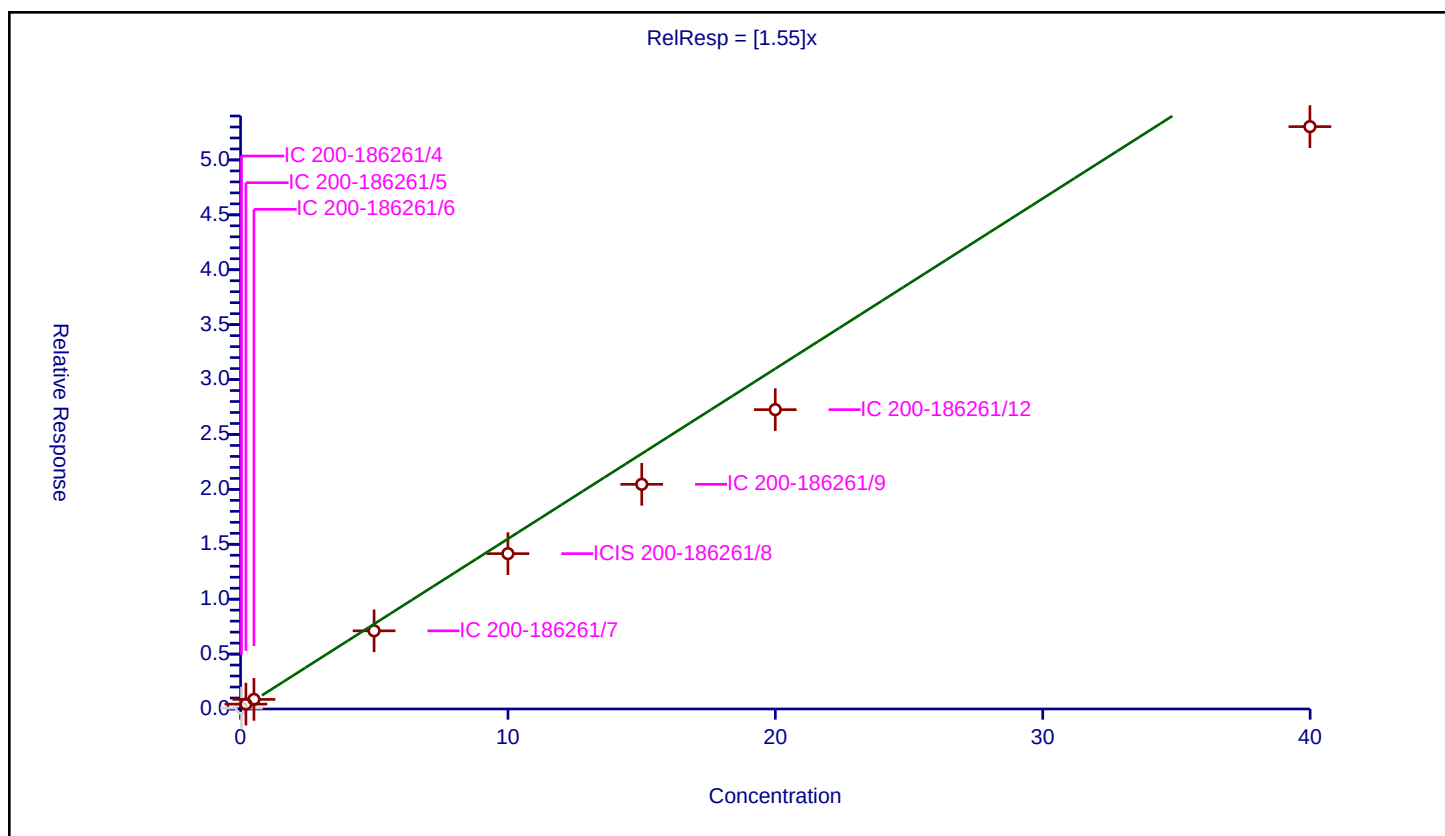
Curve Coefficients

Intercept: 0
Slope: 1.55

Error Coefficients

Standard Error: 200000
Relative Standard Error: 20.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.935

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.081477	10.0	64926.0	2.322819	N
2	IC 200-186261/5	0.20044	0.442335	10.0	62351.0	2.206821	Y
3	IC 200-186261/6	0.500453	0.874147	10.0	69645.0	1.746714	Y
4	IC 200-186261/7	4.992563	7.117917	10.0	69422.0	1.425704	Y
5	ICIS 200-186261/8	9.99806	14.146661	10.0	70939.0	1.414941	Y
6	IC 200-186261/9	15.003557	20.459748	10.0	73823.0	1.36366	Y
7	IC 200-186261/12	19.99612	27.260902	10.0	74645.0	1.36331	Y
8	IC 200-186261/13	39.99224	53.034529	10.0	76081.0	1.326121	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

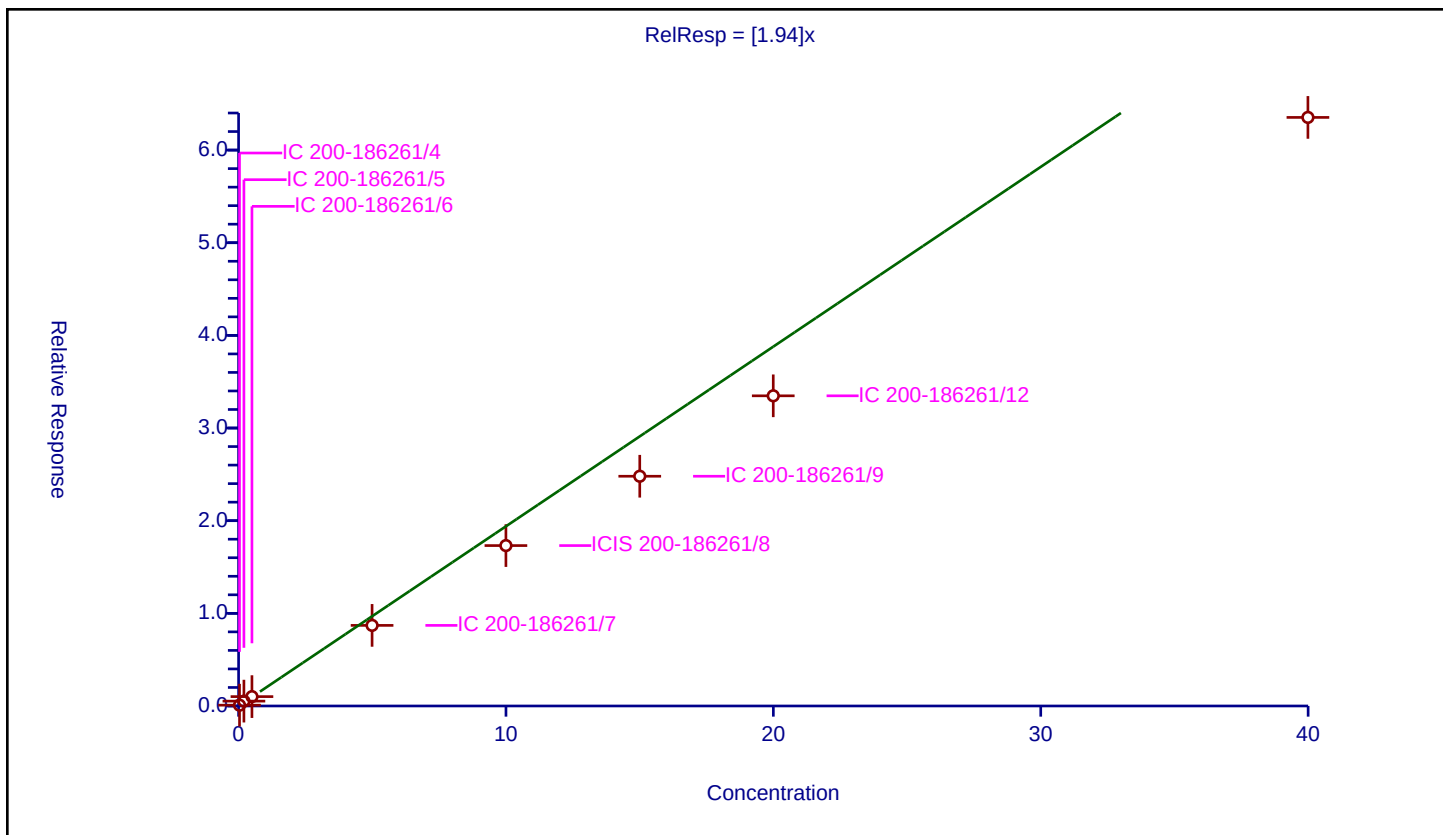
Curve Coefficients

Intercept: 0
 Slope: 1.94

Error Coefficients

Standard Error: 223000
 Relative Standard Error: 20.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.949

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.08733	10.0	64926.0	2.489675	Y
2	IC 200-186261/5	0.20044	0.52429	10.0	62351.0	2.615699	Y
3	IC 200-186261/6	0.500453	1.011559	10.0	69645.0	2.021288	Y
4	IC 200-186261/7	4.992563	8.698827	10.0	69422.0	1.742357	Y
5	ICIS 200-186261/8	9.99806	17.313326	10.0	70939.0	1.731669	Y
6	IC 200-186261/9	15.003557	24.79715	10.0	73823.0	1.652751	Y
7	IC 200-186261/12	19.99612	33.477259	10.0	74645.0	1.674188	Y
8	IC 200-186261/13	39.99224	63.525847	10.0	76081.0	1.588454	Y



Calibration

/ Vinyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

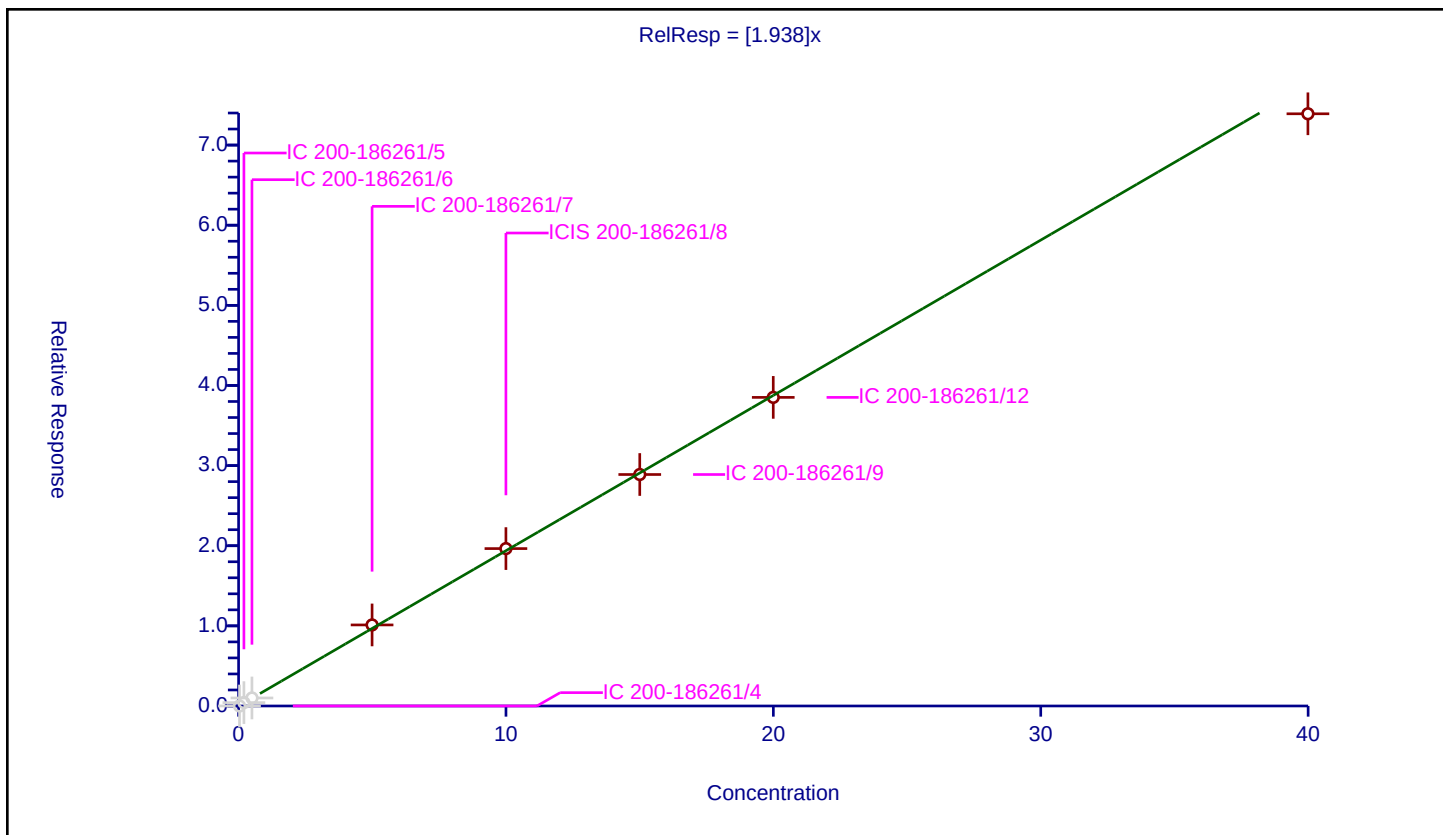
Curve Coefficients

Intercept: 0
 Slope: 1.938

Error Coefficients

Standard Error: 342000
 Relative Standard Error: 3.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.0	10.0	64926.0	0.0	N
2	IC 200-186261/5	0.20044	0.419721	10.0	62351.0	2.094	N
3	IC 200-186261/6	0.500453	0.998636	10.0	69645.0	1.995466	N
4	IC 200-186261/7	4.992563	10.115381	10.0	69422.0	2.02609	Y
5	ICIS 200-186261/8	9.99806	19.64406	10.0	70939.0	1.964787	Y
6	IC 200-186261/9	15.003557	28.887745	10.0	73823.0	1.925393	Y
7	IC 200-186261/12	19.99612	38.510818	10.0	74645.0	1.925915	Y
8	IC 200-186261/13	39.99224	73.904654	10.0	76081.0	1.847975	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

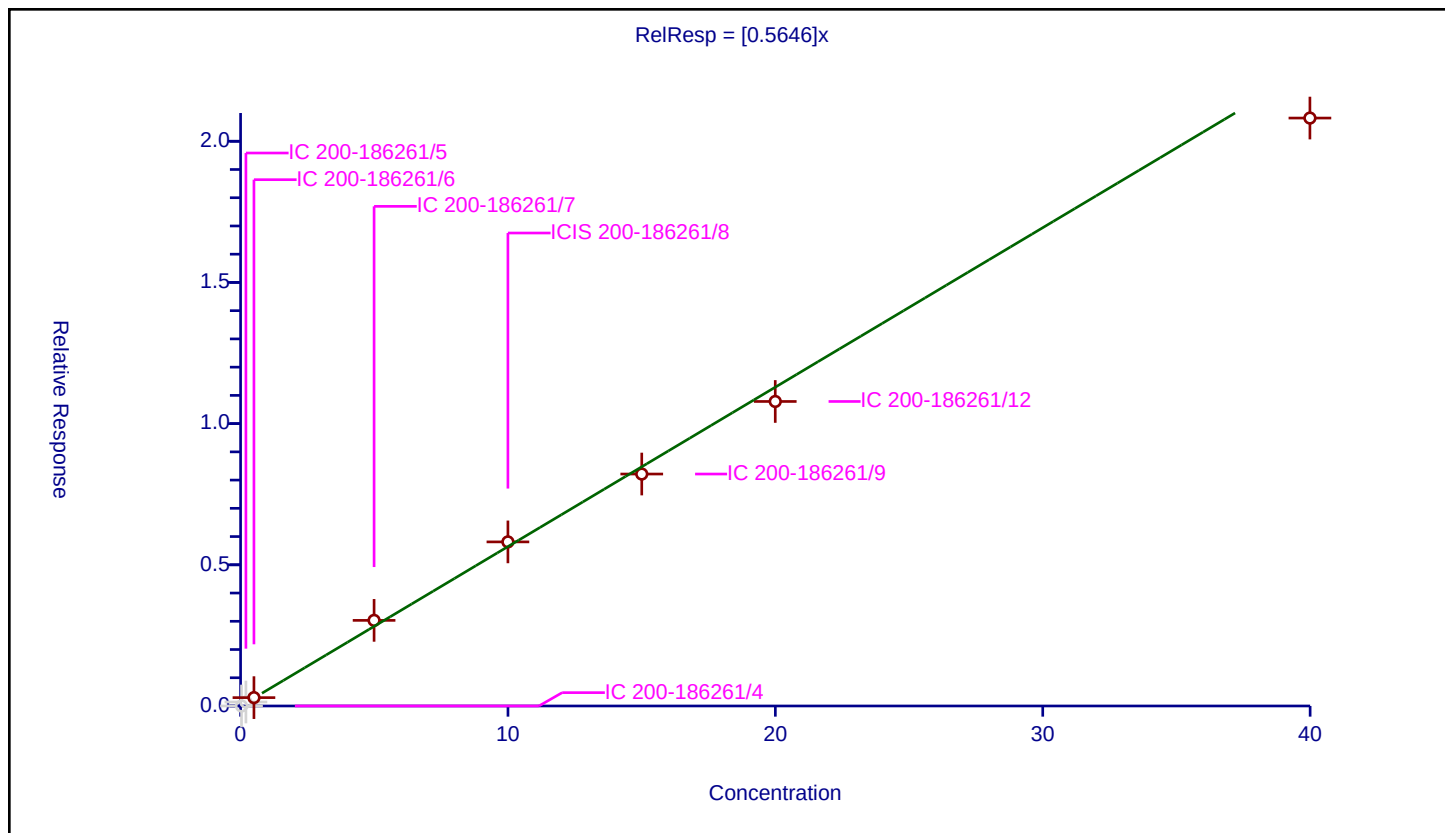
Curve Coefficients

Intercept: 0
 Slope: 0.5646

Error Coefficients

Standard Error: 86500
 Relative Standard Error: 6.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.0	10.0	64926.0	0.0	N
2	IC 200-186261/5	0.20044	0.141618	10.0	62351.0	0.706535	N
3	IC 200-186261/6	0.500453	0.296073	10.0	69645.0	0.59161	Y
4	IC 200-186261/7	4.992563	3.031748	10.0	69422.0	0.607253	Y
5	ICIS 200-186261/8	9.99806	5.811331	10.0	70939.0	0.581246	Y
6	IC 200-186261/9	15.003557	8.214784	10.0	73823.0	0.547522	Y
7	IC 200-186261/12	19.99612	10.784915	10.0	74645.0	0.53935	Y
8	IC 200-186261/13	39.99224	20.821493	10.0	76081.0	0.520638	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

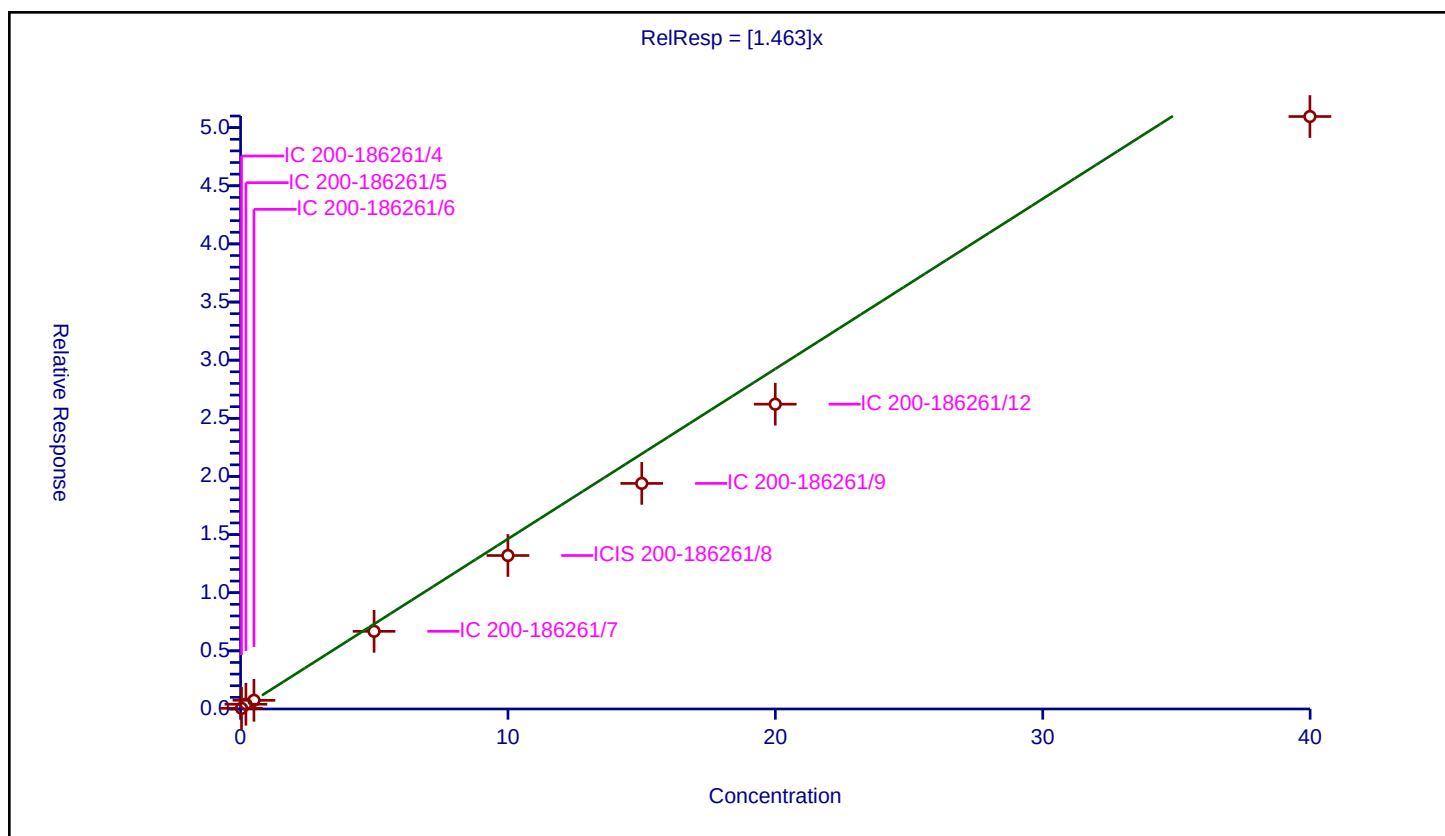
Curve Coefficients

Intercept: 0
Slope: 1.463

Error Coefficients

Standard Error: 177000
Relative Standard Error: 18.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.056988	10.0	64926.0	1.624656	Y
2	IC 200-186261/5	0.20044	0.410418	10.0	62351.0	2.047591	Y
3	IC 200-186261/6	0.500453	0.746931	10.0	69645.0	1.492511	Y
4	IC 200-186261/7	4.992563	6.680159	10.0	69422.0	1.338022	Y
5	ICIS 200-186261/8	9.99806	13.200778	10.0	70939.0	1.320334	Y
6	IC 200-186261/9	15.003557	19.401	10.0	73823.0	1.293093	Y
7	IC 200-186261/12	19.99612	26.217027	10.0	74645.0	1.311106	Y
8	IC 200-186261/13	39.99224	50.956612	10.0	76081.0	1.274163	Y



Calibration

/ Ethyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

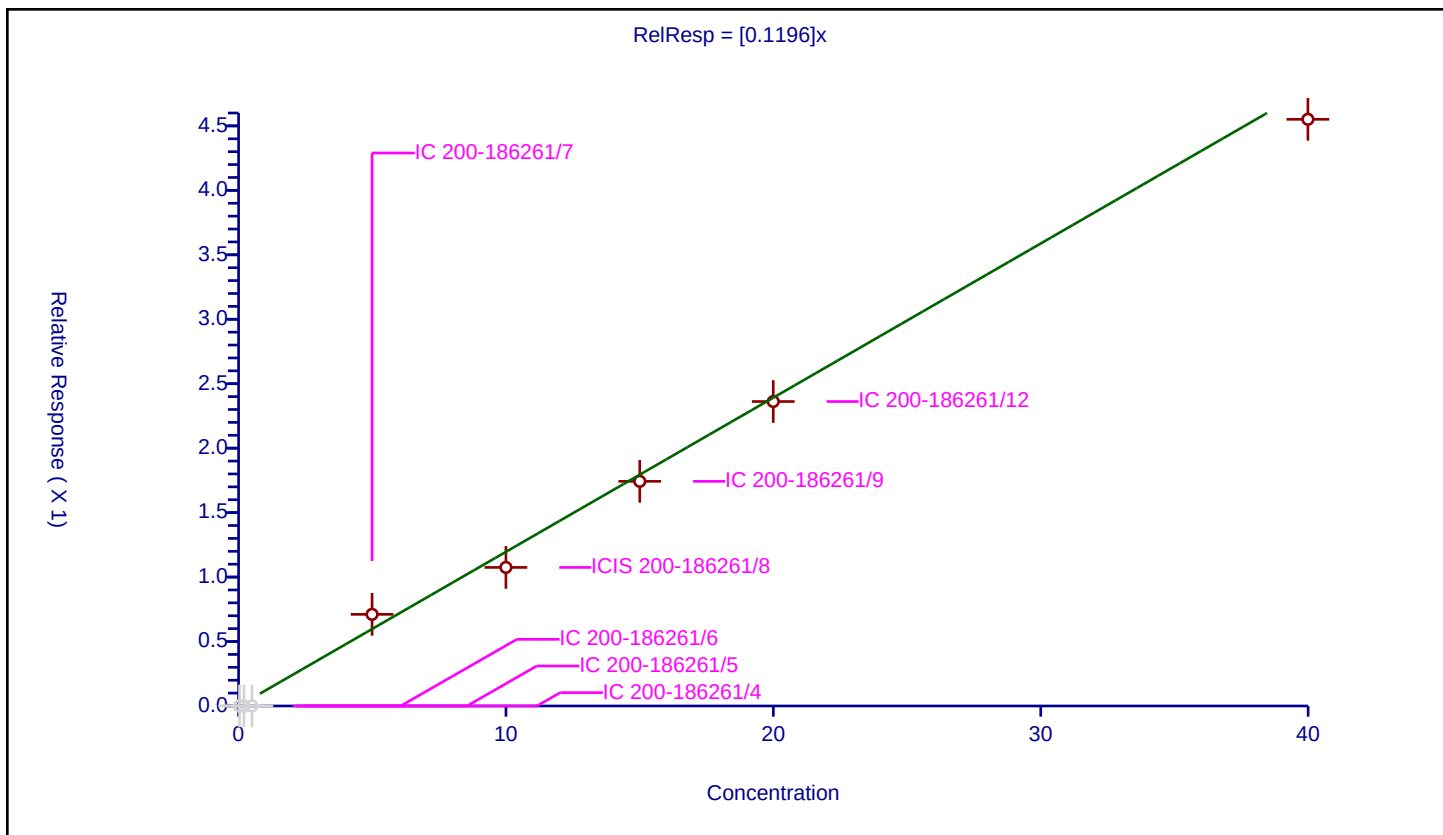
Curve Coefficients

Intercept: 0
Slope: 0.1196

Error Coefficients

Standard Error: 21000
Relative Standard Error: 11.2
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.0	10.0	64926.0	0.0	N
2	IC 200-186261/5	0.20044	0.0	10.0	62351.0	0.0	N
3	IC 200-186261/6	0.500453	0.0	10.0	69645.0	0.0	N
4	IC 200-186261/7	4.992563	0.71087	10.0	69422.0	0.142386	Y
5	ICIS 200-186261/8	9.99806	1.075008	10.0	70939.0	0.107522	Y
6	IC 200-186261/9	15.003557	1.742682	10.0	73823.0	0.116151	Y
7	IC 200-186261/12	19.99612	2.361846	10.0	74645.0	0.118115	Y
8	IC 200-186261/13	39.99224	4.551202	10.0	76081.0	0.113802	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

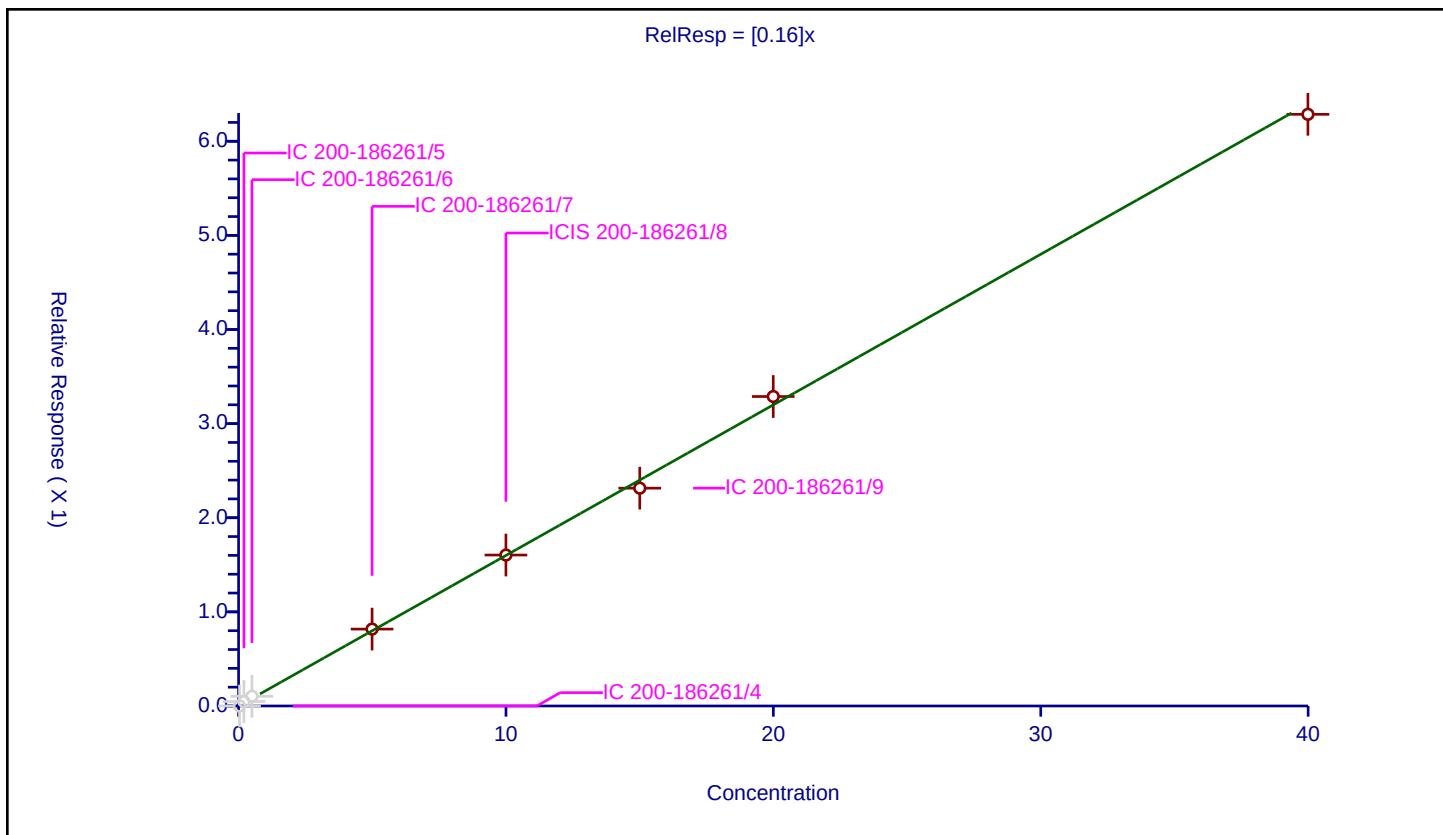
Curve Coefficients

Intercept: 0
 Slope: 0.16

Error Coefficients

Standard Error: 139000
 Relative Standard Error: 2.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.0	10.0	320552.0	0.0	N
2	IC 200-186261/5	0.20044	0.047419	10.0	306419.0	0.236574	N
3	IC 200-186261/6	0.500453	0.103012	10.0	338699.0	0.205837	N
4	IC 200-186261/7	4.992563	0.816949	10.0	342910.0	0.163633	Y
5	ICIS 200-186261/8	9.99806	1.60365	10.0	347794.0	0.160396	Y
6	IC 200-186261/9	15.003557	2.314338	10.0	367846.0	0.154253	Y
7	IC 200-186261/12	19.99612	3.287975	10.0	358993.0	0.164431	Y
8	IC 200-186261/13	39.99224	6.28609	10.0	364648.0	0.157183	Y



Calibration

/ Chloroform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

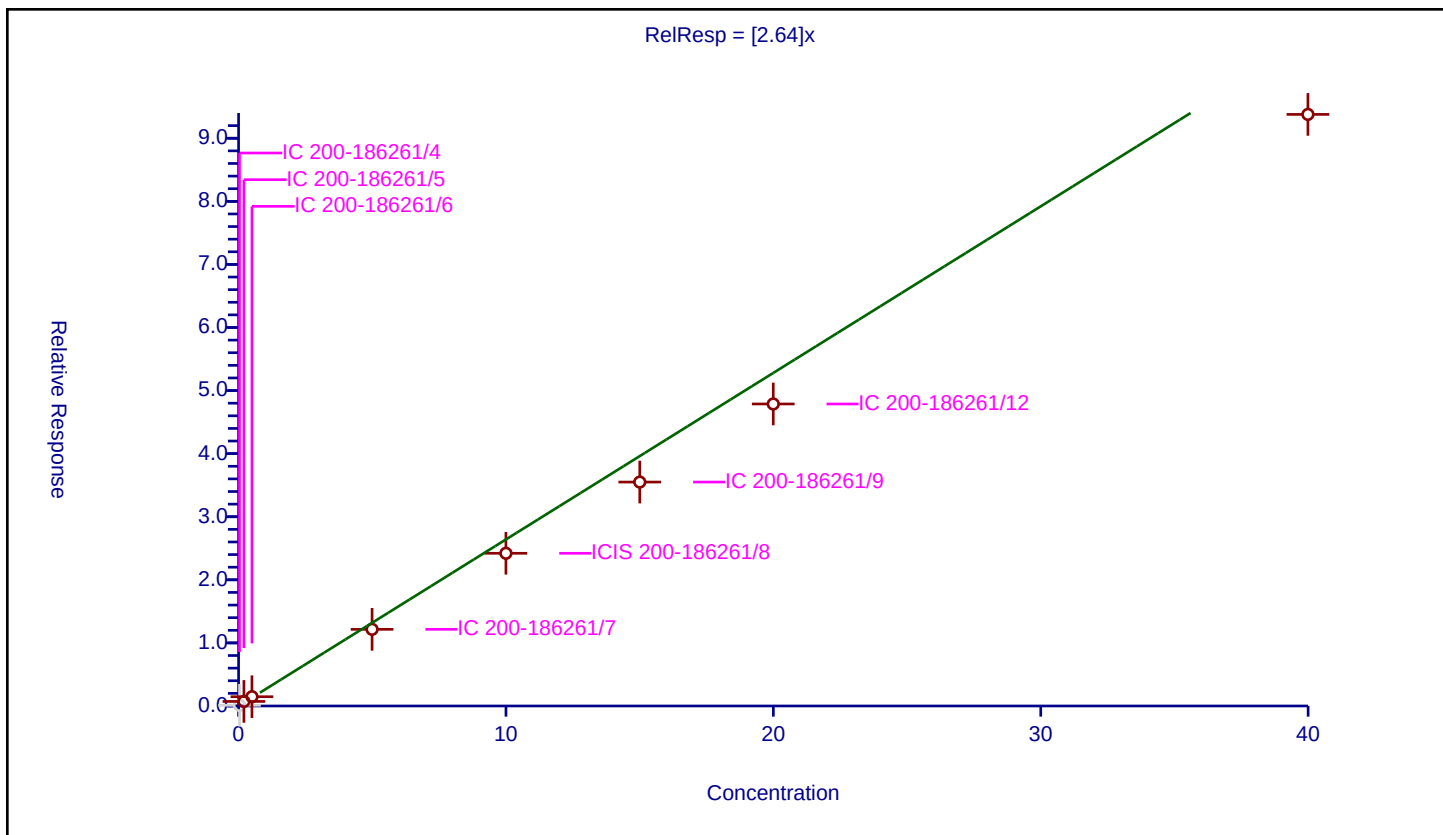
Curve Coefficients

Intercept: 0
 Slope: 2.64

Error Coefficients

Standard Error: 352000
 Relative Standard Error: 17.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.955

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.106891	10.0	64926.0	3.047327	N
2	IC 200-186261/5	0.20044	0.718673	10.0	62351.0	3.585484	Y
3	IC 200-186261/6	0.500453	1.469021	10.0	69645.0	2.935386	Y
4	IC 200-186261/7	4.992563	12.151479	10.0	69422.0	2.433916	Y
5	ICIS 200-186261/8	9.99806	24.208263	10.0	70939.0	2.421296	Y
6	IC 200-186261/9	15.003557	35.497745	10.0	73823.0	2.365955	Y
7	IC 200-186261/12	19.99612	47.87675	10.0	74645.0	2.394302	Y
8	IC 200-186261/13	39.99224	93.781759	10.0	76081.0	2.344999	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

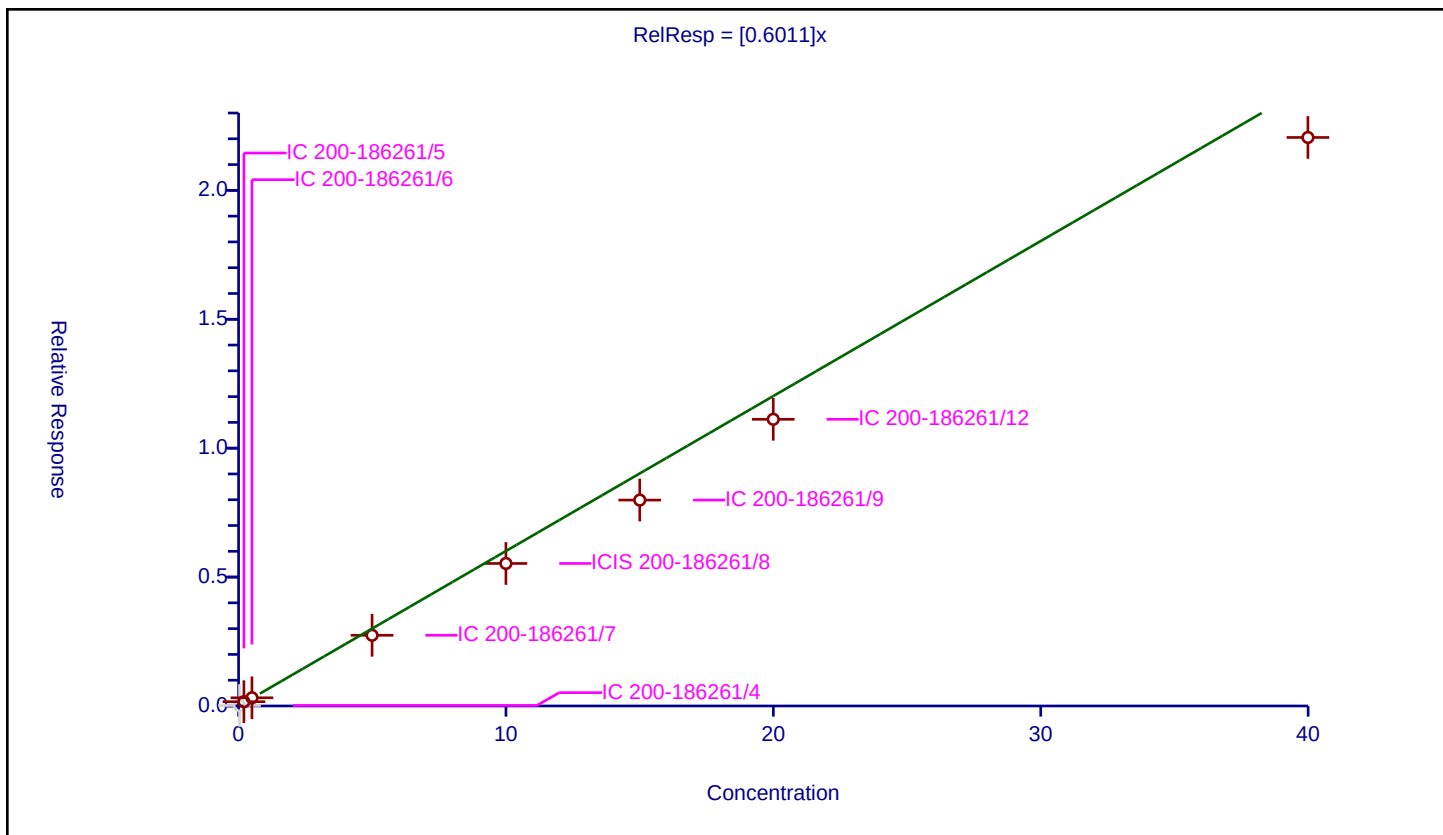
Curve Coefficients

Intercept: 0
 Slope: 0.6011

Error Coefficients

Standard Error: 395000
 Relative Standard Error: 17.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.954

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.020059	10.0	320552.0	0.571861	N
2	IC 200-186261/5	0.20044	0.166504	10.0	306419.0	0.830694	Y
3	IC 200-186261/6	0.500453	0.317863	10.0	338699.0	0.635152	Y
4	IC 200-186261/7	4.992563	2.742236	10.0	342910.0	0.549264	Y
5	ICIS 200-186261/8	9.99806	5.528014	10.0	347794.0	0.552909	Y
6	IC 200-186261/9	15.003557	7.98712	10.0	367846.0	0.532348	Y
7	IC 200-186261/12	19.99612	11.119771	10.0	358993.0	0.556096	Y
8	IC 200-186261/13	39.99224	22.051321	10.0	364648.0	0.55139	Y



Calibration

/ Cyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

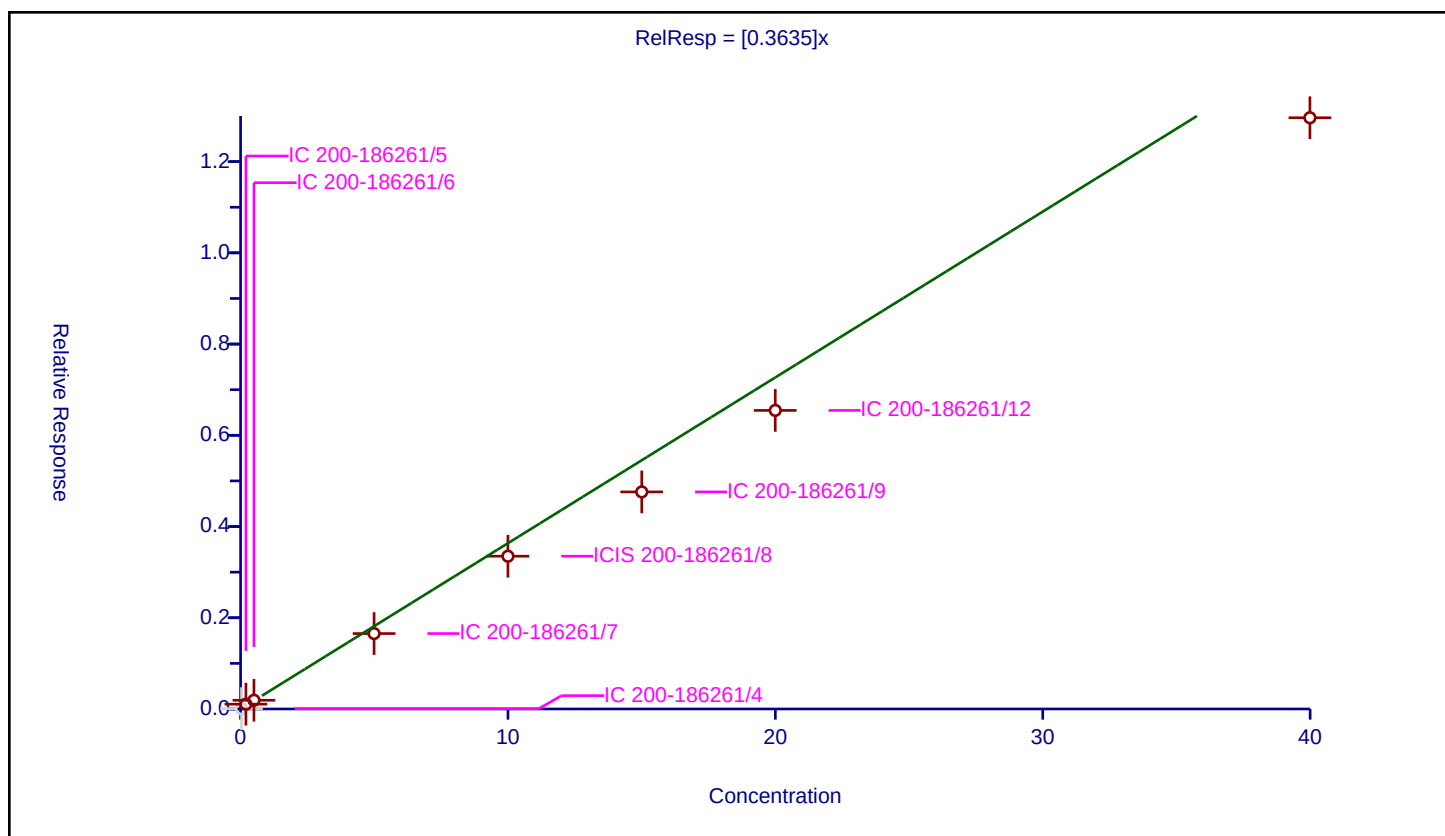
Curve Coefficients

Intercept: 0
Slope: 0.3635

Error Coefficients

Standard Error: 233000
Relative Standard Error: 20.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.936

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.00808	10.0	320552.0	0.230345	N
2	IC 200-186261/5	0.20044	0.105542	10.0	306419.0	0.526551	Y
3	IC 200-186261/6	0.500453	0.191497	10.0	338699.0	0.382649	Y
4	IC 200-186261/7	4.992563	1.653874	10.0	342910.0	0.331268	Y
5	ICIS 200-186261/8	9.99806	3.349799	10.0	347794.0	0.335045	Y
6	IC 200-186261/9	15.003557	4.759166	10.0	367846.0	0.317202	Y
7	IC 200-186261/12	19.99612	6.545838	10.0	358993.0	0.327355	Y
8	IC 200-186261/13	39.99224	12.962089	10.0	364648.0	0.324115	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

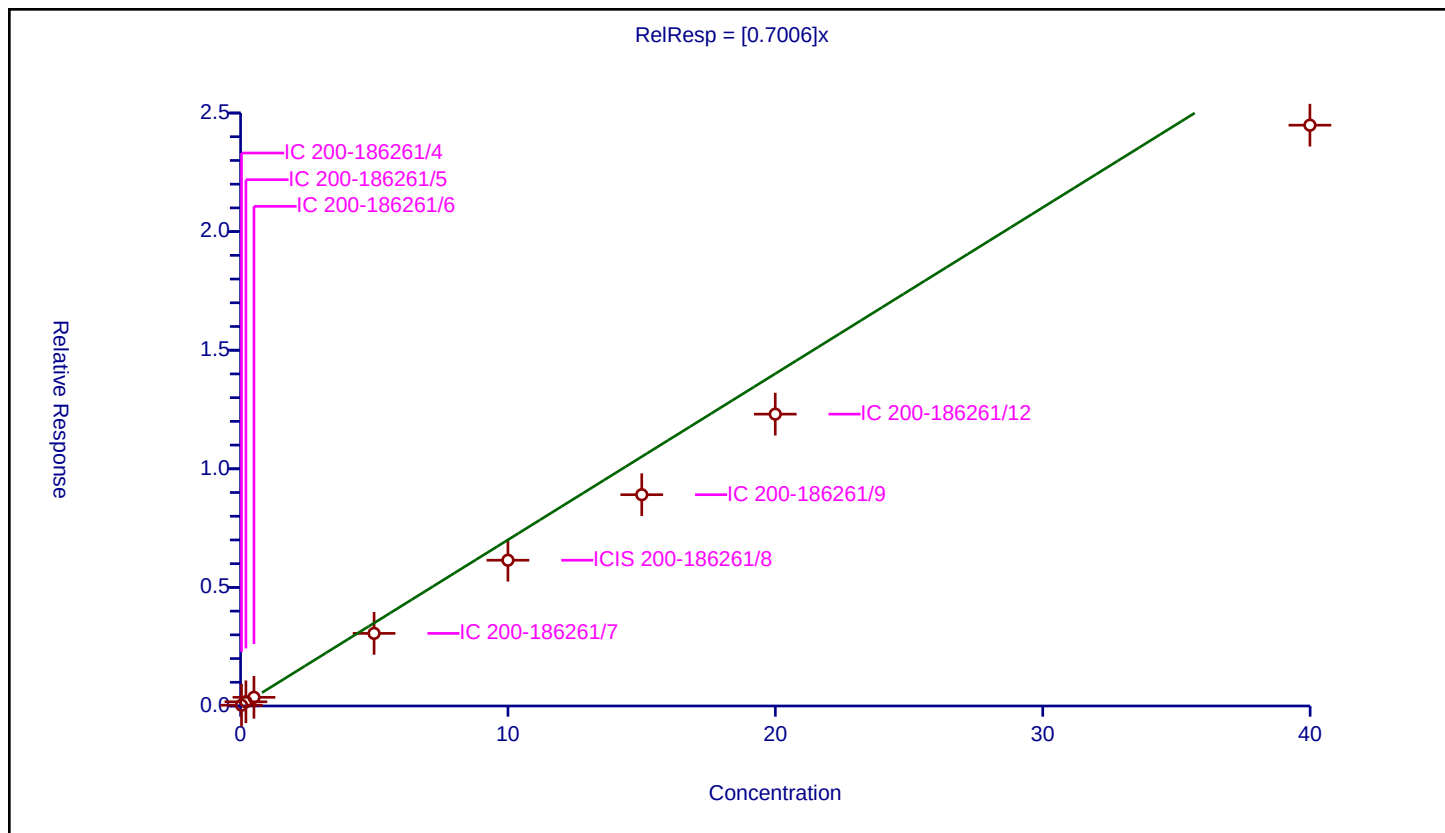
Curve Coefficients

Intercept: 0
Slope: 0.7006

Error Coefficients

Standard Error: 406000
Relative Standard Error: 19.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.952

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.032881	10.0	320552.0	0.93739	Y
2	IC 200-186261/5	0.20044	0.177796	10.0	306419.0	0.887029	Y
3	IC 200-186261/6	0.500453	0.365723	10.0	338699.0	0.730784	Y
4	IC 200-186261/7	4.992563	3.061328	10.0	342910.0	0.613178	Y
5	ICIS 200-186261/8	9.99806	6.146109	10.0	347794.0	0.61473	Y
6	IC 200-186261/9	15.003557	8.908076	10.0	367846.0	0.593731	Y
7	IC 200-186261/12	19.99612	12.304641	10.0	358993.0	0.615351	Y
8	IC 200-186261/13	39.99224	24.487862	10.0	364648.0	0.612315	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

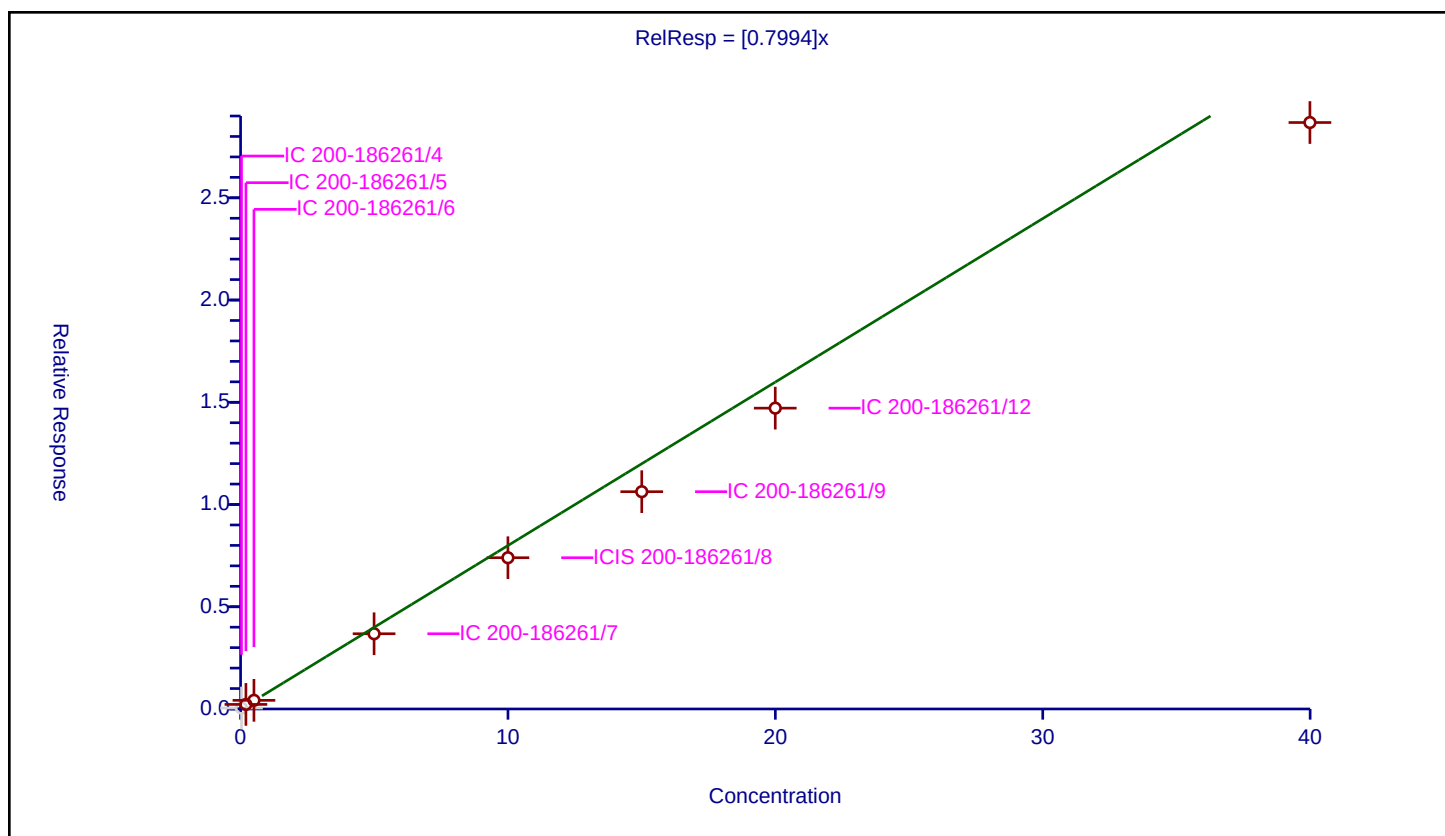
Curve Coefficients

Intercept: 0
Slope: 0.7994

Error Coefficients

Standard Error: 518000
Relative Standard Error: 18.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.952

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.046576	10.0	320552.0	1.327821	N
2	IC 200-186261/5	0.20044	0.223061	10.0	306419.0	1.112856	Y
3	IC 200-186261/6	0.500453	0.423001	10.0	338699.0	0.845237	Y
4	IC 200-186261/7	4.992563	3.679041	10.0	342910.0	0.736904	Y
5	ICIS 200-186261/8	9.99806	7.39731	10.0	347794.0	0.739875	Y
6	IC 200-186261/9	15.003557	10.626866	10.0	367846.0	0.70829	Y
7	IC 200-186261/12	19.99612	14.712655	10.0	358993.0	0.735775	Y
8	IC 200-186261/13	39.99224	28.681249	10.0	364648.0	0.71717	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

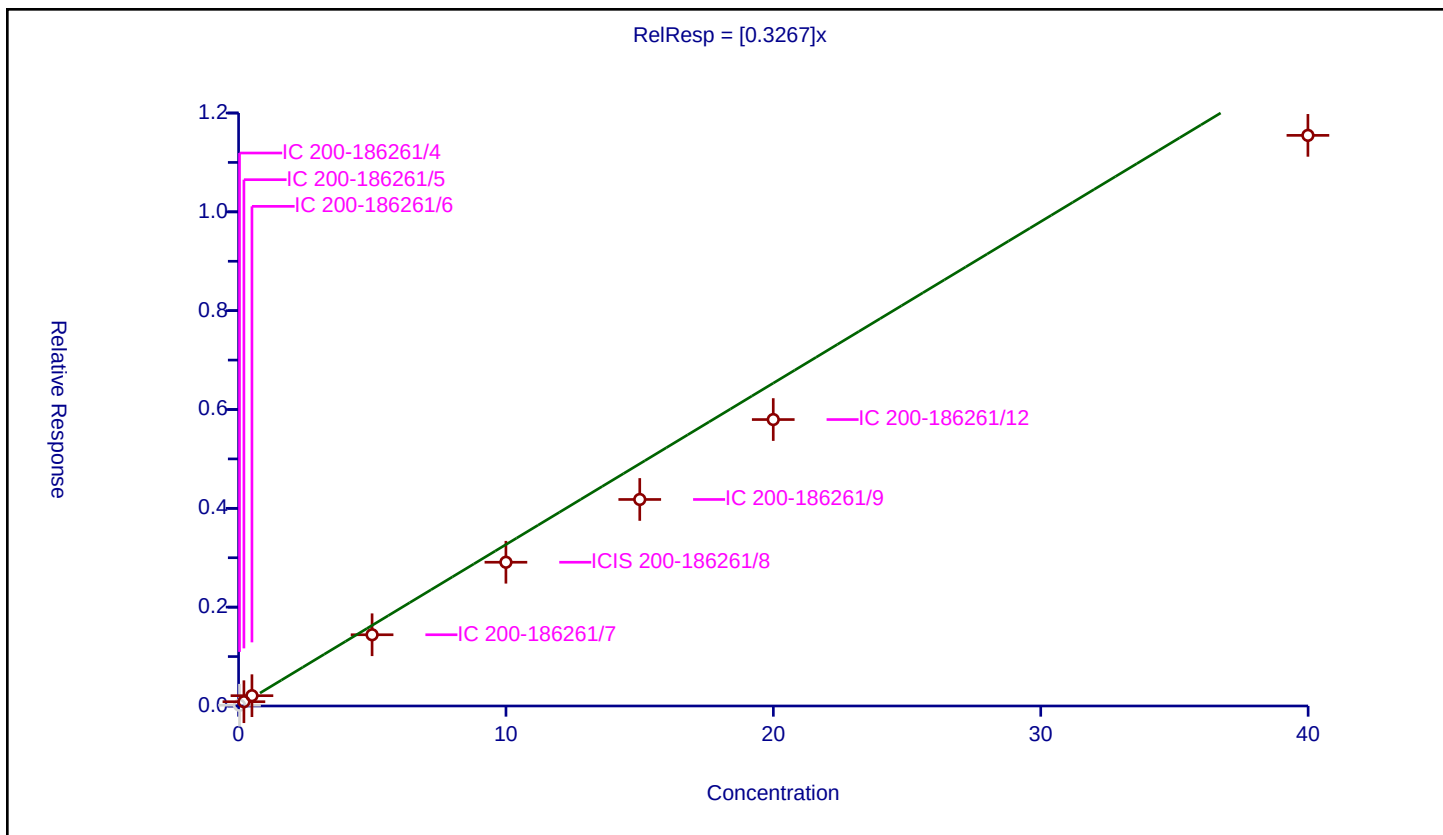
Curve Coefficients

Intercept: 0
 Slope: 0.3267

Error Coefficients

Standard Error: 207000
 Relative Standard Error: 20.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.938

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.015317	10.0	320552.0	0.436678	N
2	IC 200-186261/5	0.20044	0.086777	10.0	306419.0	0.432931	Y
3	IC 200-186261/6	0.500453	0.208828	10.0	338699.0	0.417279	Y
4	IC 200-186261/7	4.992563	1.441428	10.0	342910.0	0.288715	Y
5	ICIS 200-186261/8	9.99806	2.909078	10.0	347794.0	0.290964	Y
6	IC 200-186261/9	15.003557	4.17914	10.0	367846.0	0.278543	Y
7	IC 200-186261/12	19.99612	5.796464	10.0	358993.0	0.289879	Y
8	IC 200-186261/13	39.99224	11.547684	10.0	364648.0	0.288748	Y



Calibration

/ Isooctane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

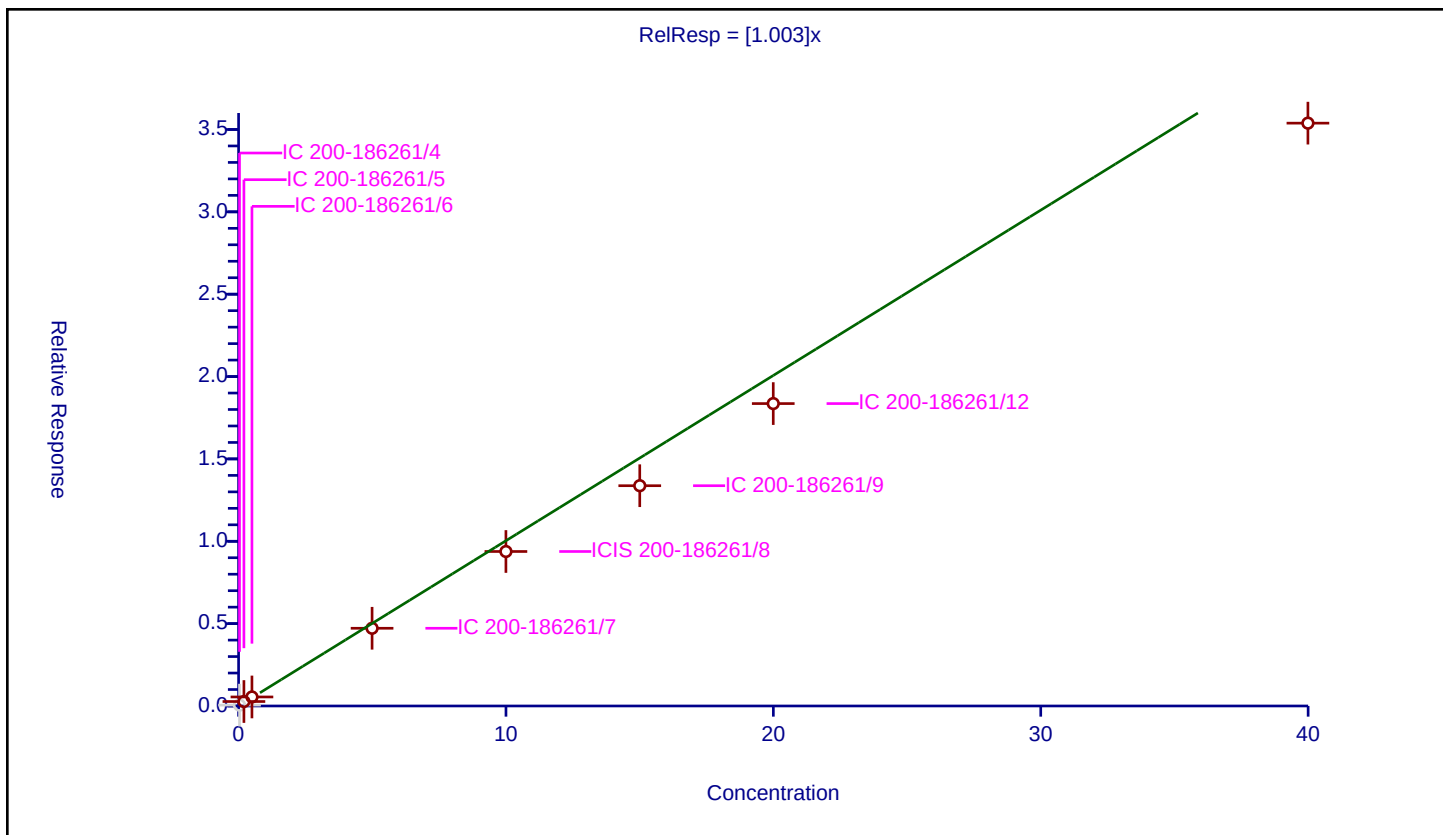
Curve Coefficients

Intercept: 0
Slope: 1.003

Error Coefficients

Standard Error: 642000
Relative Standard Error: 16.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.959

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.051817	10.0	320552.0	1.477234	N
2	IC 200-186261/5	0.20044	0.271132	10.0	306419.0	1.352686	Y
3	IC 200-186261/6	0.500453	0.547271	10.0	338699.0	1.093551	Y
4	IC 200-186261/7	4.992563	4.718935	10.0	342910.0	0.945193	Y
5	ICIS 200-186261/8	9.99806	9.379201	10.0	347794.0	0.938102	Y
6	IC 200-186261/9	15.003557	13.373124	10.0	367846.0	0.89133	Y
7	IC 200-186261/12	19.99612	18.360386	10.0	358993.0	0.918197	Y
8	IC 200-186261/13	39.99224	35.384974	10.0	364648.0	0.884796	Y



Calibration

/ n-Heptane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

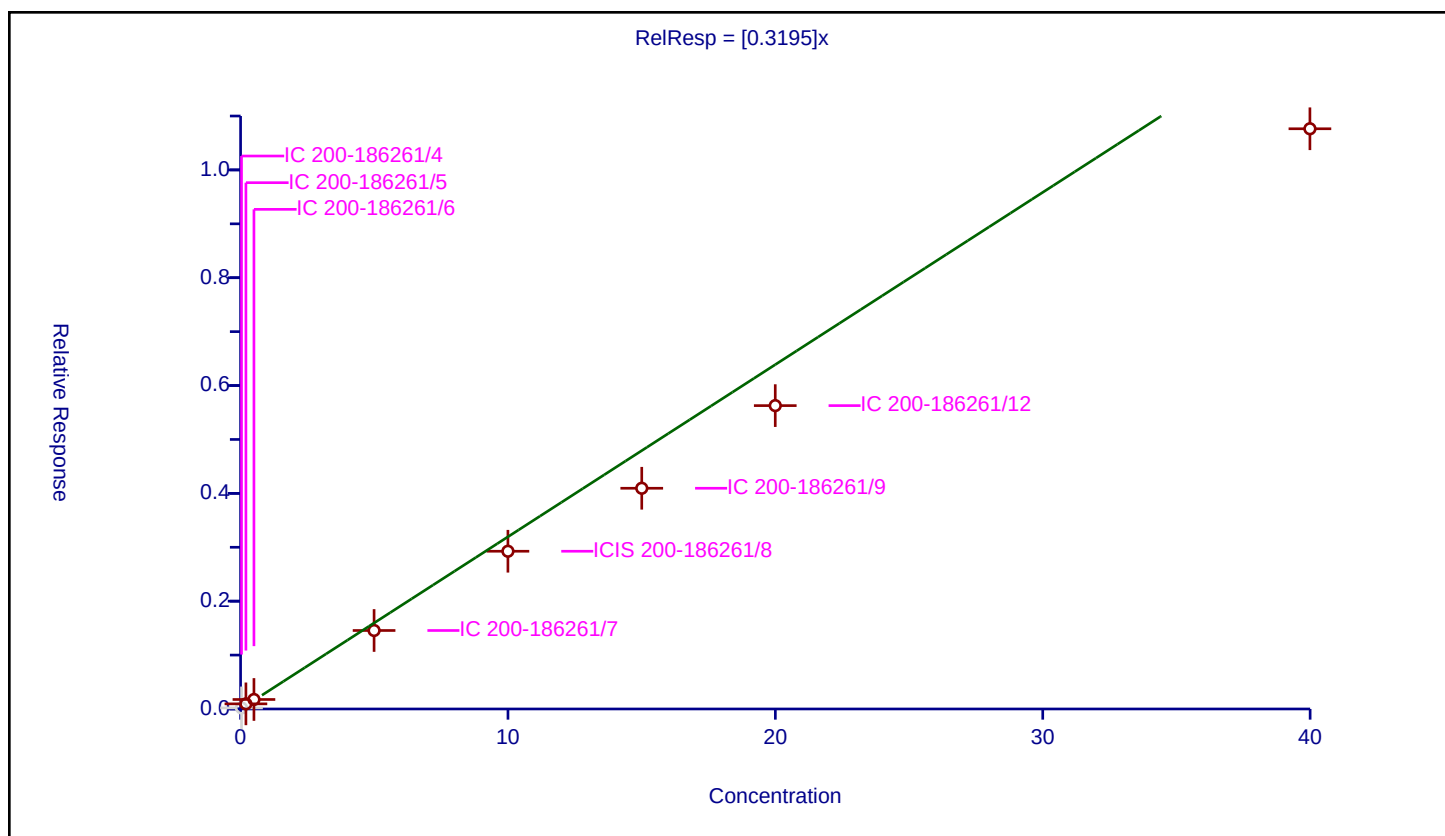
Curve Coefficients

Intercept: 0
Slope: 0.3195

Error Coefficients

Standard Error: 196000
Relative Standard Error: 23.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.915

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.020028	10.0	320552.0	0.570972	N
2	IC 200-186261/5	0.20044	0.095392	10.0	306419.0	0.475915	Y
3	IC 200-186261/6	0.500453	0.17641	10.0	338699.0	0.352502	Y
4	IC 200-186261/7	4.992563	1.455892	10.0	342910.0	0.291612	Y
5	ICIS 200-186261/8	9.99806	2.926129	10.0	347794.0	0.29267	Y
6	IC 200-186261/9	15.003557	4.094703	10.0	367846.0	0.272915	Y
7	IC 200-186261/12	19.99612	5.627686	10.0	358993.0	0.281439	Y
8	IC 200-186261/13	39.99224	10.763339	10.0	364648.0	0.269136	Y



Calibration

/ n-Butanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

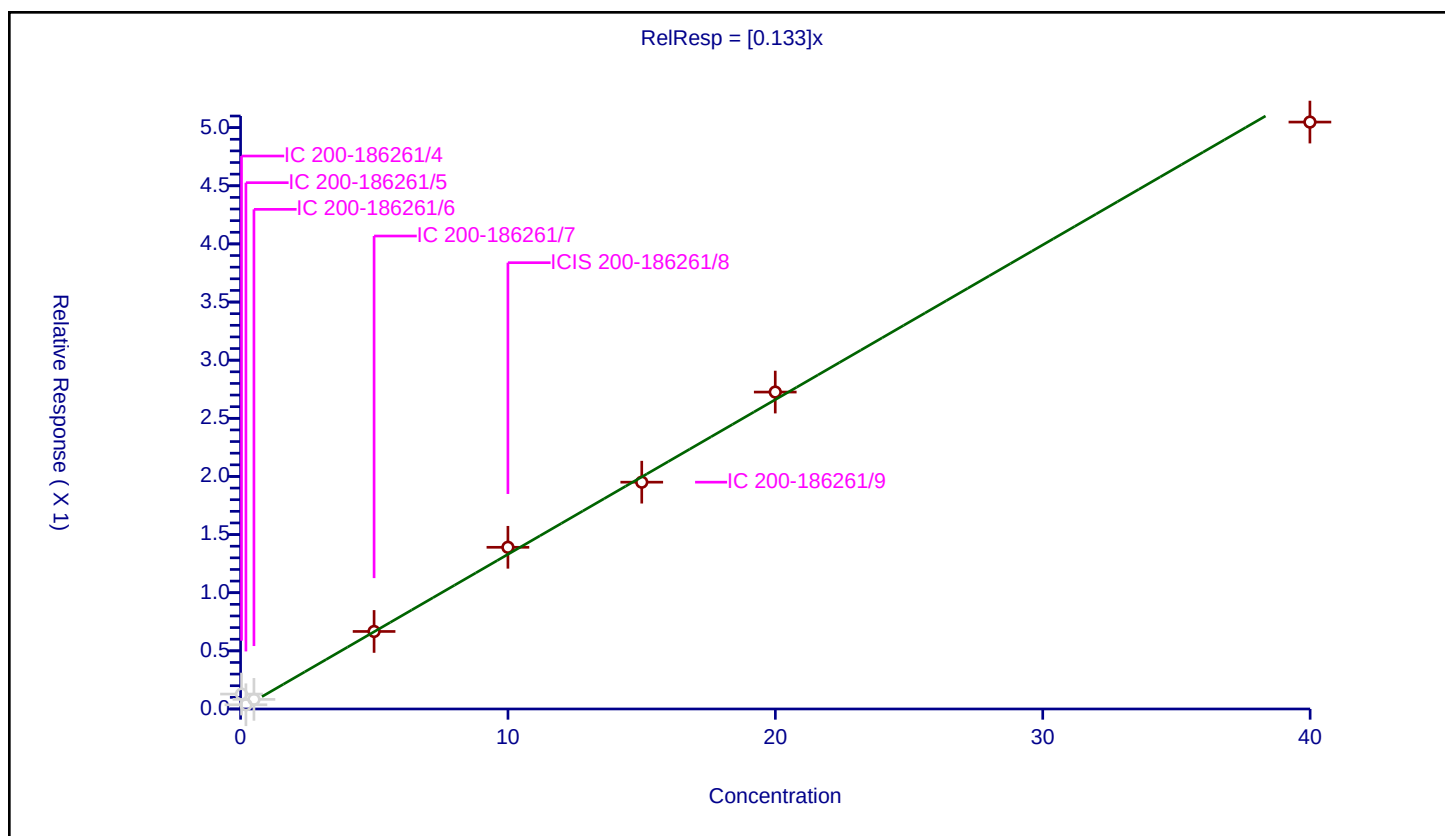
Curve Coefficients

Intercept: 0
 Slope: 0.133

Error Coefficients

Standard Error: 113000
 Relative Standard Error: 3.8
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.128435	10.0	320552.0	3.661514	N
2	IC 200-186261/5	0.20044	0.036323	10.0	306419.0	0.181216	N
3	IC 200-186261/6	0.500453	0.082669	10.0	338699.0	0.165189	N
4	IC 200-186261/7	4.992563	0.666881	10.0	342910.0	0.133575	Y
5	ICIS 200-186261/8	9.99806	1.390651	10.0	347794.0	0.139092	Y
6	IC 200-186261/9	15.003557	1.95068	10.0	367846.0	0.130015	Y
7	IC 200-186261/12	19.99612	2.725819	10.0	358993.0	0.136317	Y
8	IC 200-186261/13	39.99224	5.047991	10.0	364648.0	0.126224	Y



Calibration

/ Trichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

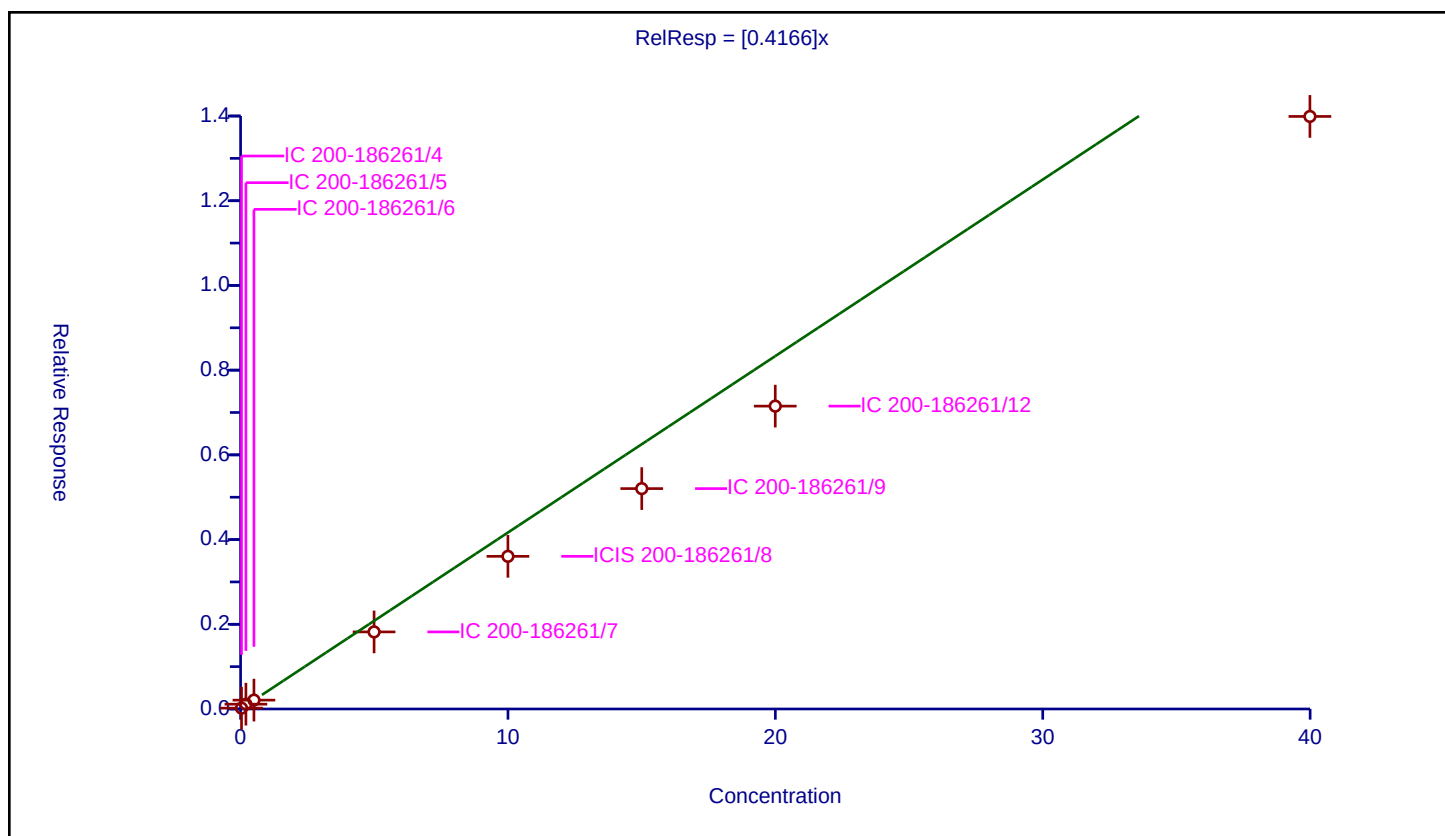
Curve Coefficients

Intercept: 0
Slope: 0.4166

Error Coefficients

Standard Error: 234000
Relative Standard Error: 23.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.934

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.019934	10.0	320552.0	0.568304	Y
2	IC 200-186261/5	0.20044	0.113603	10.0	306419.0	0.566767	Y
3	IC 200-186261/6	0.500453	0.209596	10.0	338699.0	0.418813	Y
4	IC 200-186261/7	4.992563	1.820099	10.0	342910.0	0.364562	Y
5	ICIS 200-186261/8	9.99806	3.60426	10.0	347794.0	0.360496	Y
6	IC 200-186261/9	15.003557	5.202993	10.0	367846.0	0.346784	Y
7	IC 200-186261/12	19.99612	7.150752	10.0	358993.0	0.357607	Y
8	IC 200-186261/13	39.99224	13.989875	10.0	364648.0	0.349815	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

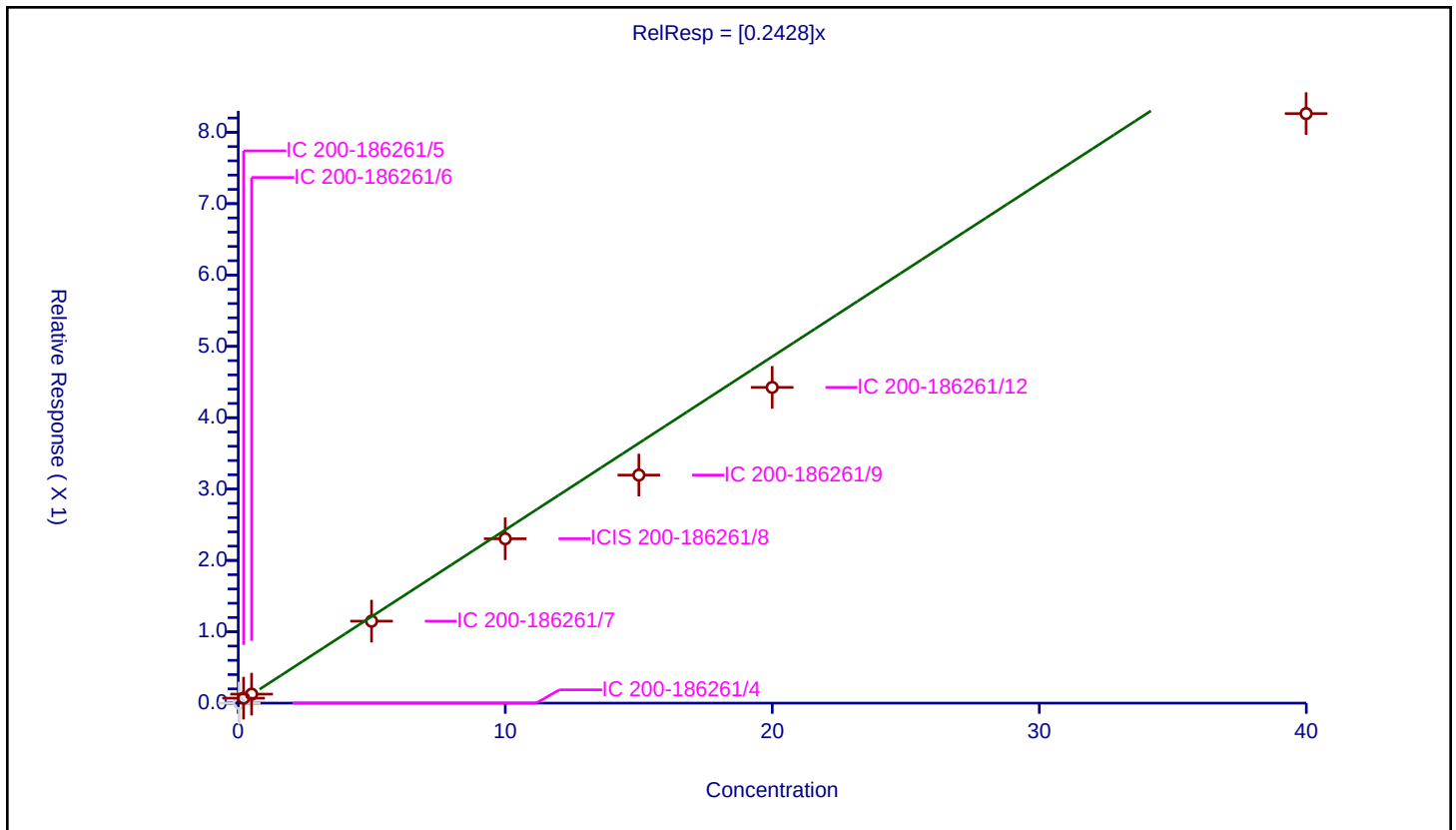
Curve Coefficients

Intercept: 0
 Slope: 0.2428

Error Coefficients

Standard Error: 152000
 Relative Standard Error: 19.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.942

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.0	10.0	320552.0	0.0	N
2	IC 200-186261/5	0.20044	0.069545	10.0	306419.0	0.346964	Y
3	IC 200-186261/6	0.500453	0.125864	10.0	338699.0	0.2515	Y
4	IC 200-186261/7	4.992563	1.148844	10.0	342910.0	0.230111	Y
5	ICIS 200-186261/8	9.99806	2.303663	10.0	347794.0	0.230411	Y
6	IC 200-186261/9	15.003557	3.196066	10.0	367846.0	0.213021	Y
7	IC 200-186261/12	19.99612	4.424738	10.0	358993.0	0.22128	Y
8	IC 200-186261/13	39.99224	8.261831	10.0	364648.0	0.206586	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

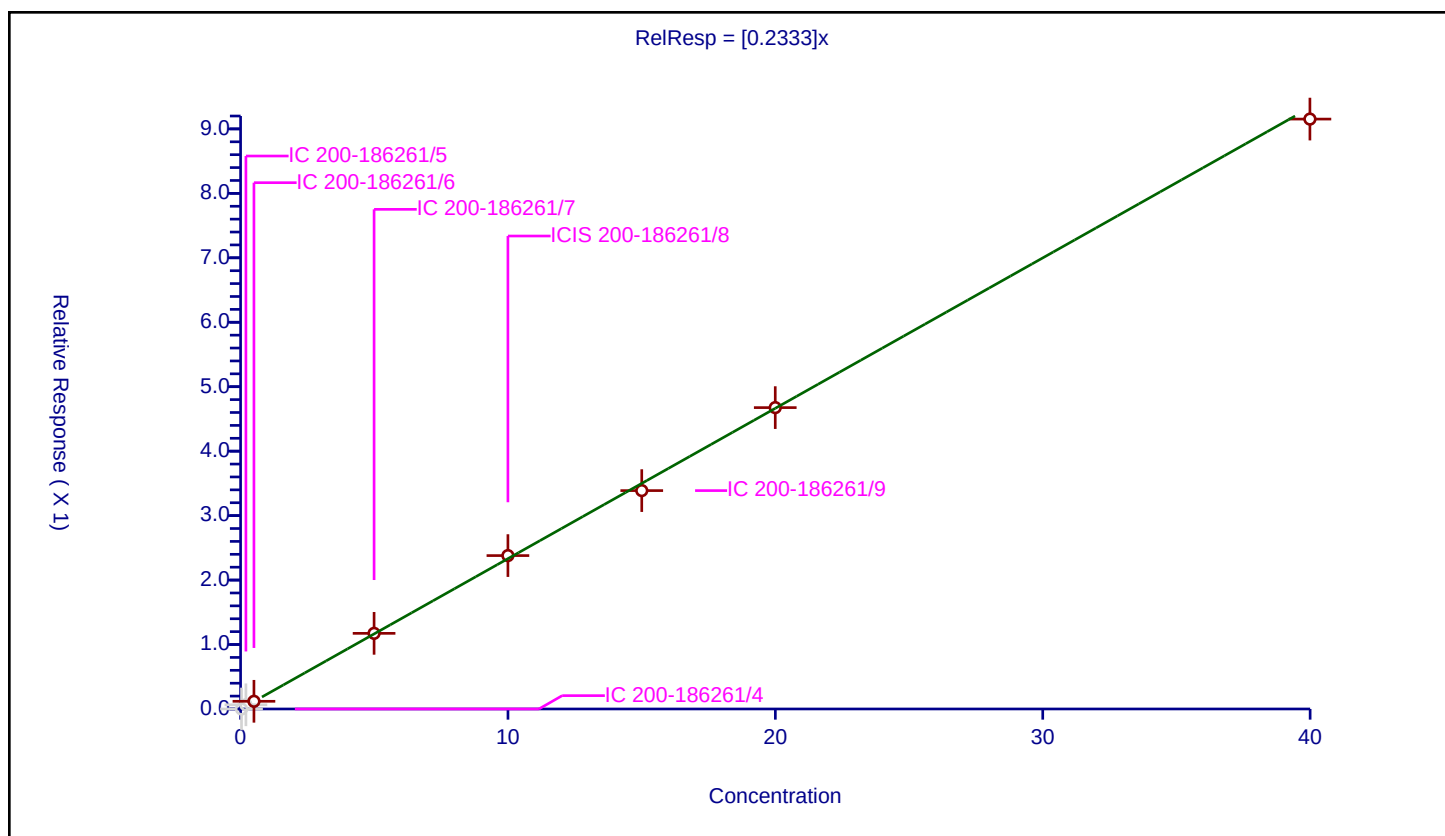
Curve Coefficients

Intercept: 0
 Slope: 0.2333

Error Coefficients

Standard Error: 181000
 Relative Standard Error: 2.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.0	10.0	320552.0	0.0	N
2	IC 200-186261/5	0.20044	0.065205	10.0	306419.0	0.325309	N
3	IC 200-186261/6	0.500453	0.119162	10.0	338699.0	0.238108	Y
4	IC 200-186261/7	4.992563	1.173457	10.0	342910.0	0.235041	Y
5	ICIS 200-186261/8	9.99806	2.379943	10.0	347794.0	0.238041	Y
6	IC 200-186261/9	15.003557	3.388293	10.0	367846.0	0.225833	Y
7	IC 200-186261/12	19.99612	4.675662	10.0	358993.0	0.233828	Y
8	IC 200-186261/13	39.99224	9.15258	10.0	364648.0	0.228859	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

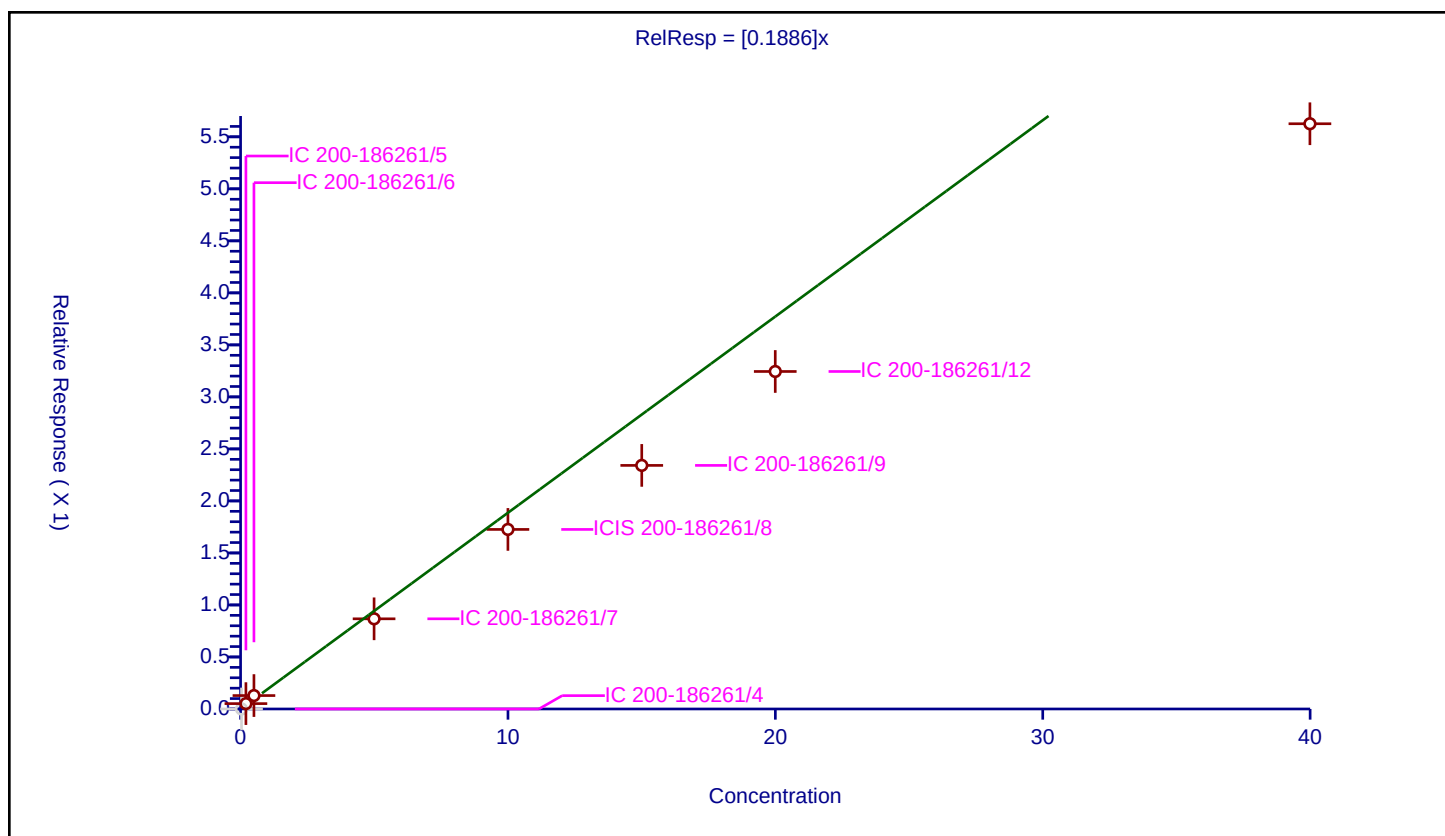
Curve Coefficients

Intercept: 0
Slope: 0.1886

Error Coefficients

Standard Error: 106000
Relative Standard Error: 25.7
Correlation Coefficient: 0.995
Coefficient of Determination (Adjusted): 0.901

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.0	10.0	320552.0	0.0	N
2	IC 200-186261/5	0.20044	0.051531	10.0	306419.0	0.257089	Y
3	IC 200-186261/6	0.500453	0.129171	10.0	338699.0	0.258108	Y
4	IC 200-186261/7	4.992563	0.866904	10.0	342910.0	0.173639	Y
5	ICIS 200-186261/8	9.99806	1.725964	10.0	347794.0	0.17263	Y
6	IC 200-186261/9	15.003557	2.341387	10.0	367846.0	0.156055	Y
7	IC 200-186261/12	19.99612	3.244381	10.0	358993.0	0.162251	Y
8	IC 200-186261/13	39.99224	5.625644	10.0	364648.0	0.140668	Y



Calibration

/ Dibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

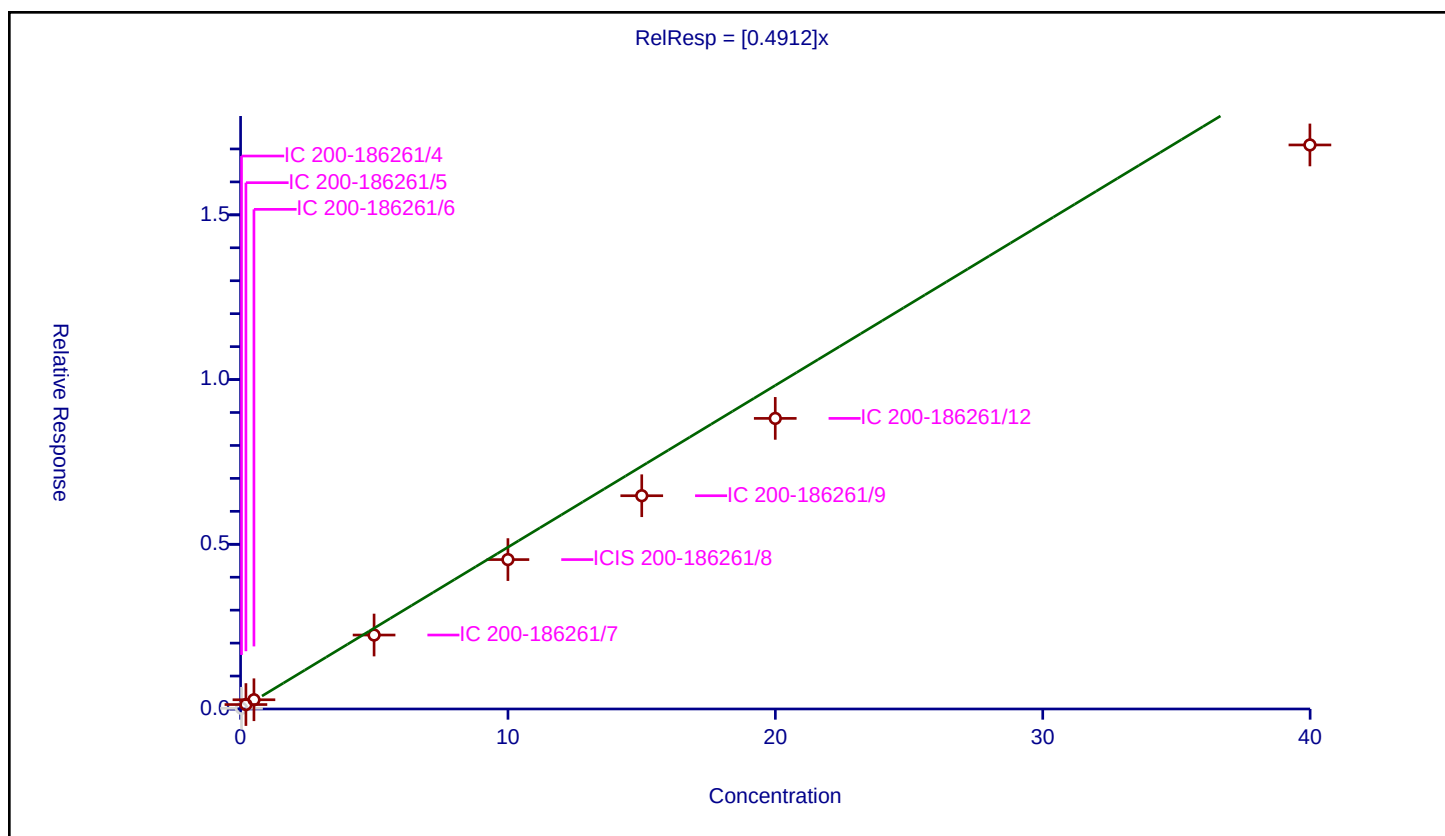
Curve Coefficients

Intercept: 0
Slope: 0.4912

Error Coefficients

Standard Error: 310000
Relative Standard Error: 18.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.948

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.021338	10.0	320552.0	0.608325	N
2	IC 200-186261/5	0.20044	0.135142	10.0	306419.0	0.674227	Y
3	IC 200-186261/6	0.500453	0.280219	10.0	338699.0	0.559932	Y
4	IC 200-186261/7	4.992563	2.244846	10.0	342910.0	0.449638	Y
5	ICIS 200-186261/8	9.99806	4.535386	10.0	347794.0	0.453627	Y
6	IC 200-186261/9	15.003557	6.473823	10.0	367846.0	0.431486	Y
7	IC 200-186261/12	19.99612	8.820896	10.0	358993.0	0.44113	Y
8	IC 200-186261/13	39.99224	17.1218	10.0	364648.0	0.428128	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

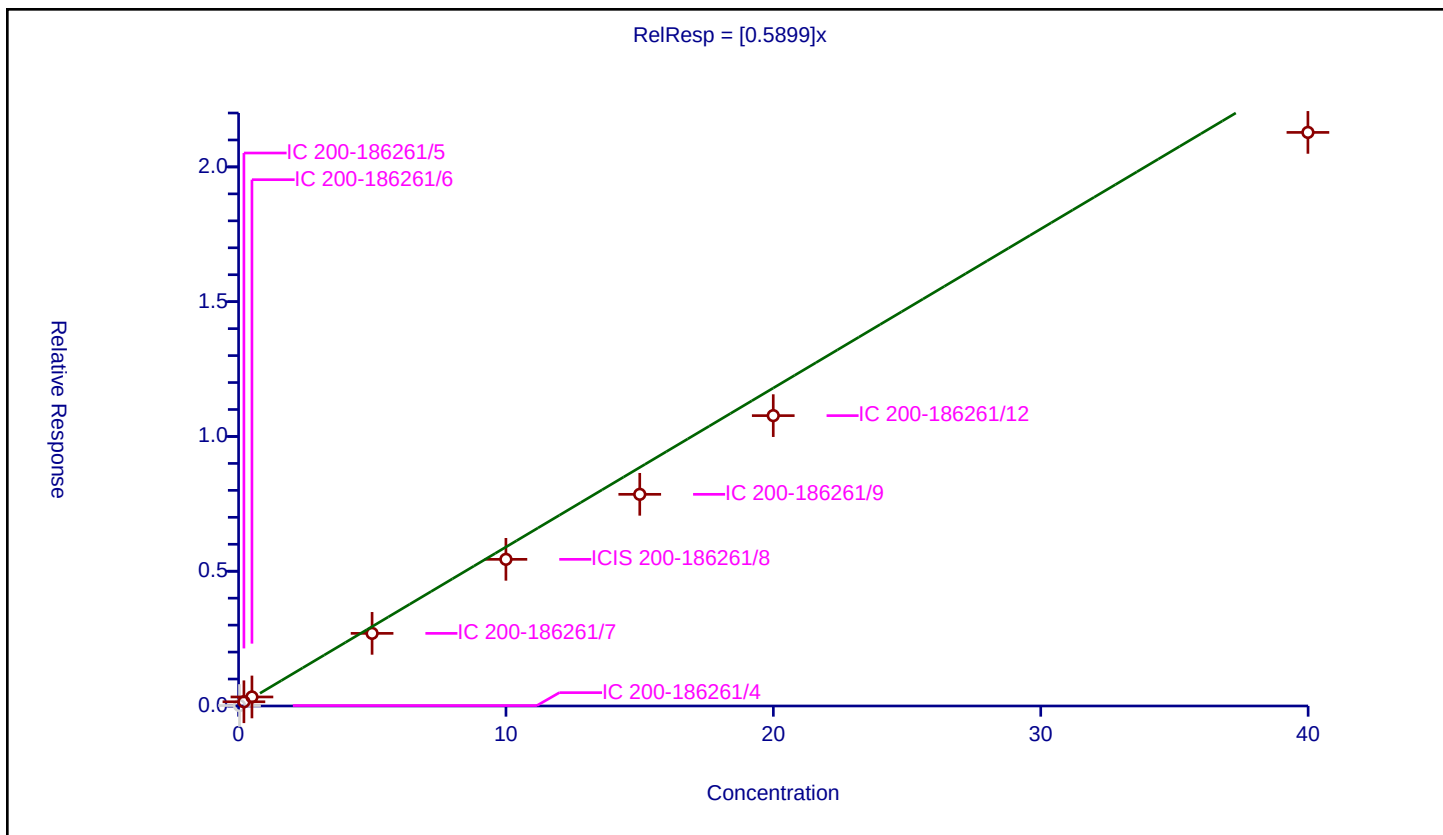
Curve Coefficients

Intercept: 0
 Slope: 0.5899

Error Coefficients

Standard Error: 383000
 Relative Standard Error: 16.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.960

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.016659	10.0	320552.0	0.474921	N
2	IC 200-186261/5	0.20044	0.156909	10.0	306419.0	0.782826	Y
3	IC 200-186261/6	0.500453	0.334486	10.0	338699.0	0.668367	Y
4	IC 200-186261/7	4.992563	2.694176	10.0	342910.0	0.539638	Y
5	ICIS 200-186261/8	9.99806	5.441037	10.0	347794.0	0.544209	Y
6	IC 200-186261/9	15.003557	7.852933	10.0	367846.0	0.523405	Y
7	IC 200-186261/12	19.99612	10.773023	10.0	358993.0	0.538756	Y
8	IC 200-186261/13	39.99224	21.280276	10.0	364648.0	0.53211	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

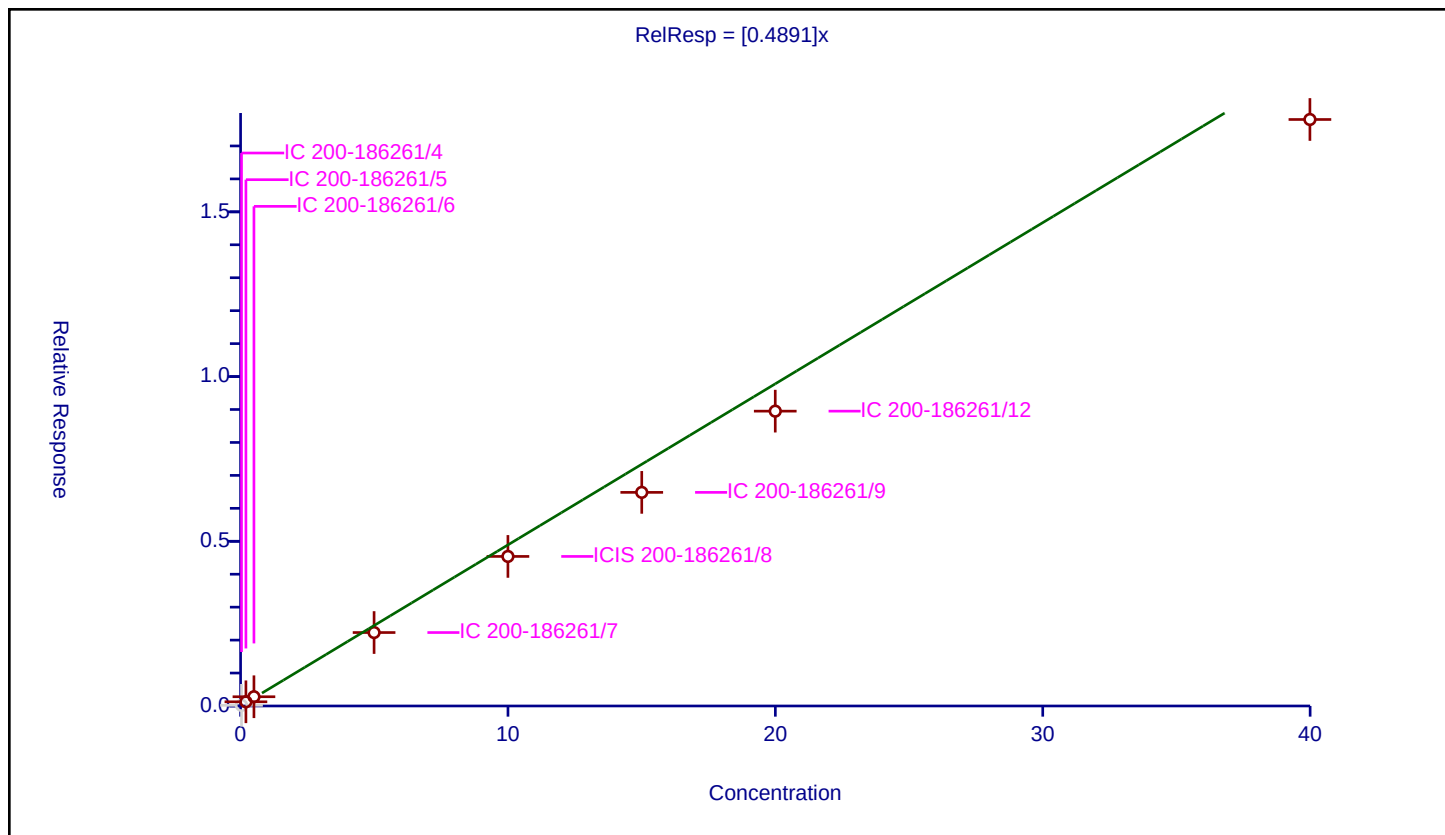
Curve Coefficients

Intercept: 0
Slope: 0.4891

Error Coefficients

Standard Error: 319000
Relative Standard Error: 16.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.019872	10.0	320552.0	0.566525	N
2	IC 200-186261/5	0.20044	0.127864	10.0	306419.0	0.637918	Y
3	IC 200-186261/6	0.500453	0.28019	10.0	338699.0	0.559873	Y
4	IC 200-186261/7	4.992563	2.22971	10.0	342910.0	0.446606	Y
5	ICIS 200-186261/8	9.99806	4.53967	10.0	347794.0	0.454055	Y
6	IC 200-186261/9	15.003557	6.484262	10.0	367846.0	0.432182	Y
7	IC 200-186261/12	19.99612	8.94984	10.0	358993.0	0.447579	Y
8	IC 200-186261/13	39.99224	17.802922	10.0	364648.0	0.445159	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

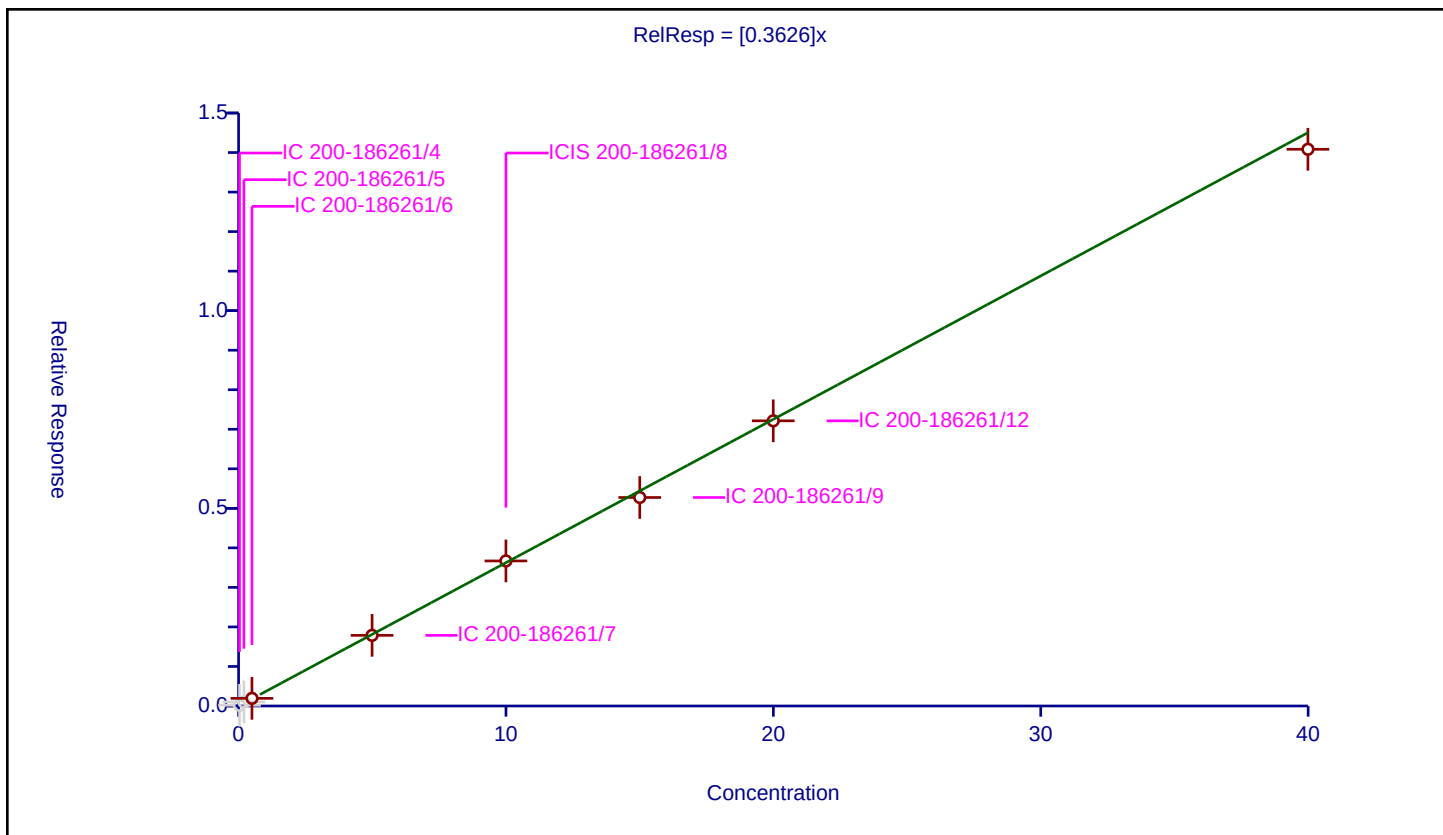
Curve Coefficients

Intercept: 0
 Slope: 0.3626

Error Coefficients

Standard Error: 279000
 Relative Standard Error: 3.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.018219	10.0	320552.0	0.519389	N
2	IC 200-186261/5	0.20044	0.100842	10.0	306419.0	0.503106	N
3	IC 200-186261/6	0.500453	0.193417	10.0	338699.0	0.386483	Y
4	IC 200-186261/7	4.992563	1.786854	10.0	342910.0	0.357903	Y
5	ICIS 200-186261/8	9.99806	3.669615	10.0	347794.0	0.367033	Y
6	IC 200-186261/9	15.003557	5.273946	10.0	367846.0	0.351513	Y
7	IC 200-186261/12	19.99612	7.213428	10.0	358993.0	0.360741	Y
8	IC 200-186261/13	39.99224	14.082458	10.0	364648.0	0.35213	Y



Calibration

/ Toluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

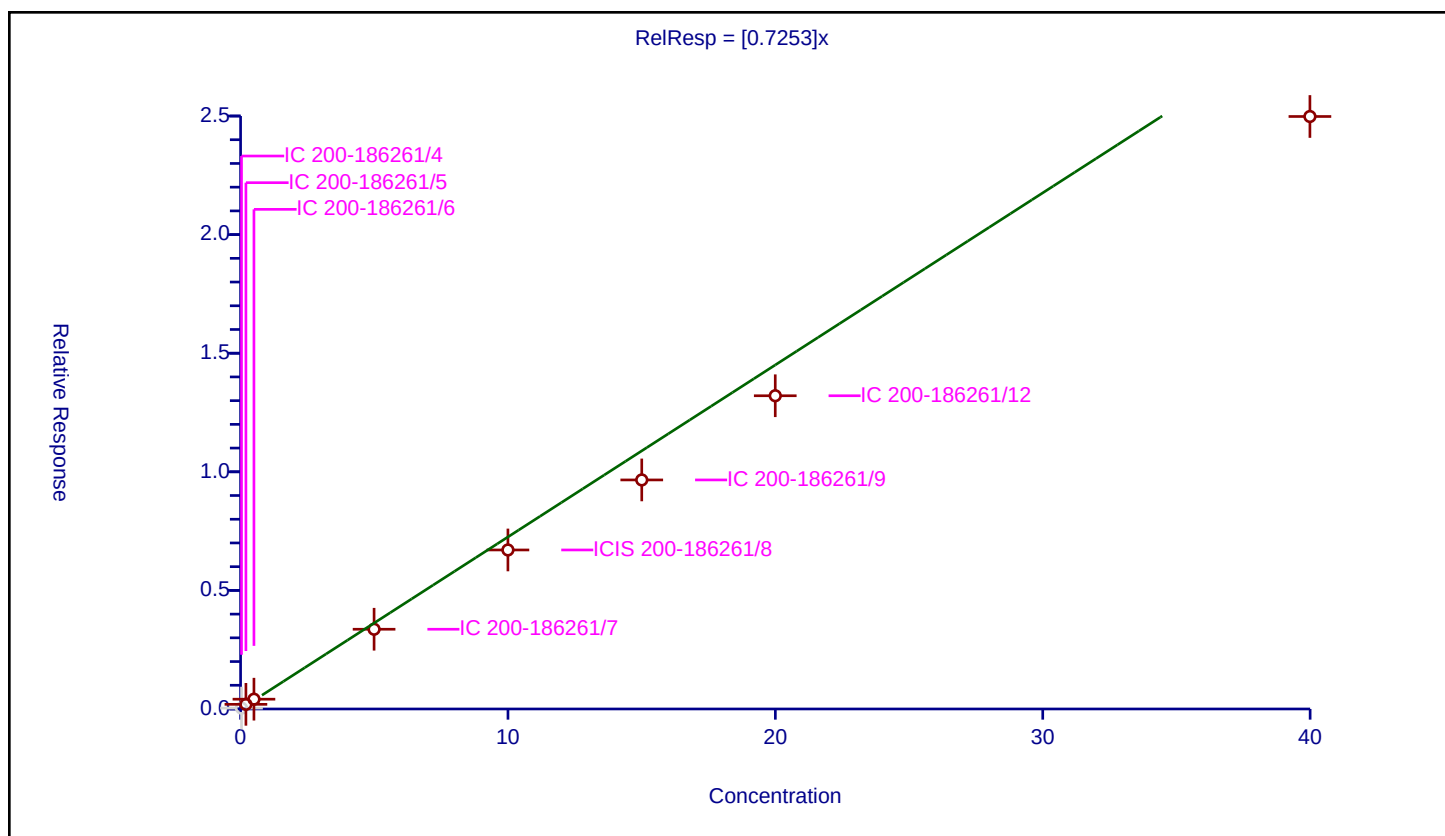
Curve Coefficients

Intercept: 0
Slope: 0.7253

Error Coefficients

Standard Error: 405000
Relative Standard Error: 17.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.953

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.037923	10.0	285317.0	1.08113	N
2	IC 200-186261/5	0.20044	0.196293	10.0	271941.0	0.97931	Y
3	IC 200-186261/6	0.500453	0.412882	10.0	298366.0	0.825018	Y
4	IC 200-186261/7	4.992563	3.362124	10.0	304846.0	0.673426	Y
5	ICIS 200-186261/8	9.99806	6.705135	10.0	310128.0	0.670644	Y
6	IC 200-186261/9	15.003557	9.657426	10.0	323259.0	0.643676	Y
7	IC 200-186261/12	19.99612	13.206579	10.0	316571.0	0.660457	Y
8	IC 200-186261/13	39.99224	24.979897	10.0	325324.0	0.624619	Y



Calibration

/ n-Octane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

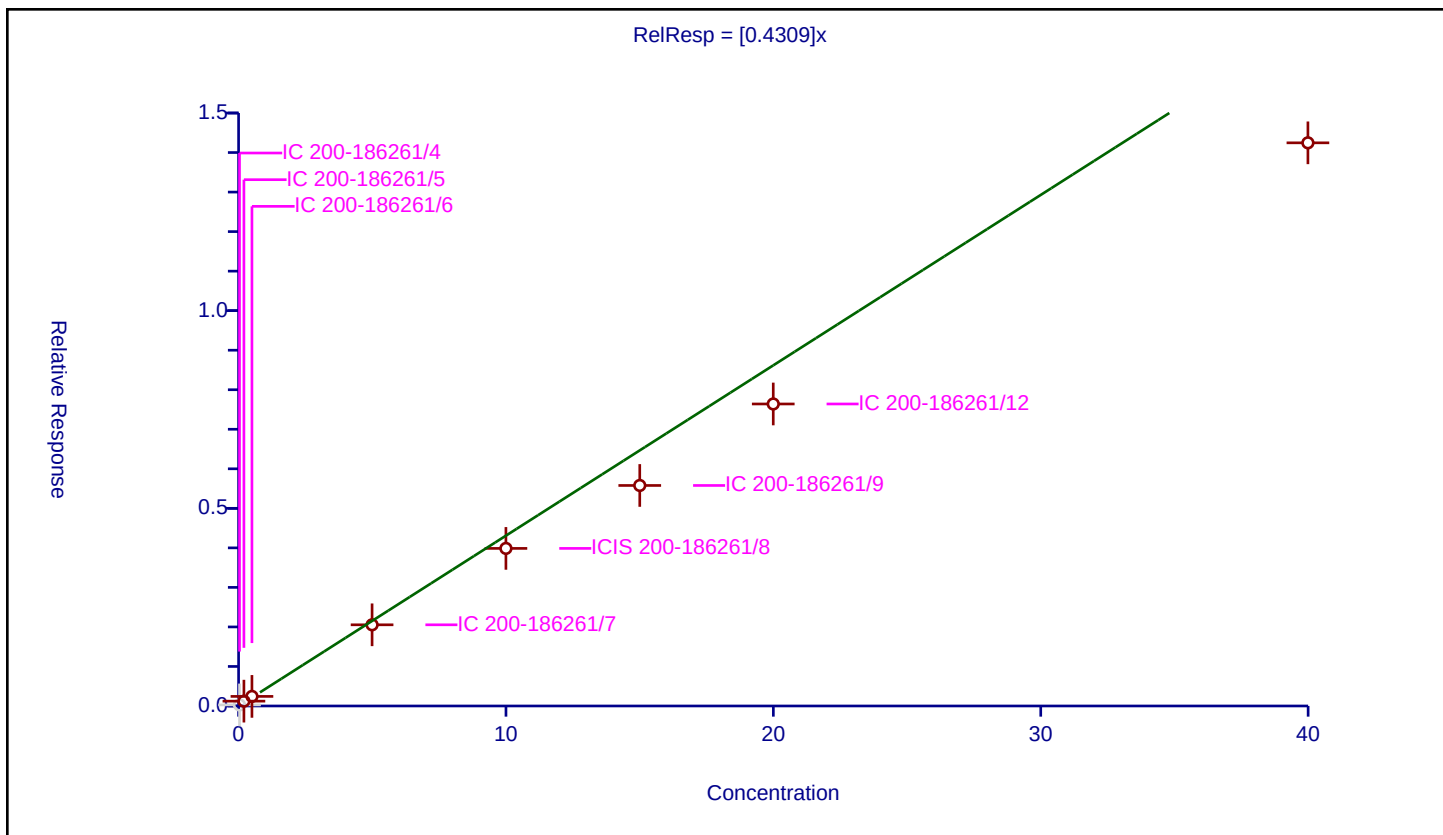
Curve Coefficients

Intercept: 0
 Slope: 0.4309

Error Coefficients

Standard Error: 262000
 Relative Standard Error: 20.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.934

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.026985	10.0	320552.0	0.7693	N
2	IC 200-186261/5	0.20044	0.122708	10.0	306419.0	0.612193	Y
3	IC 200-186261/6	0.500453	0.24231	10.0	338699.0	0.484181	Y
4	IC 200-186261/7	4.992563	2.053396	10.0	342910.0	0.411291	Y
5	ICIS 200-186261/8	9.99806	3.986124	10.0	347794.0	0.39869	Y
6	IC 200-186261/9	15.003557	5.578421	10.0	367846.0	0.371807	Y
7	IC 200-186261/12	19.99612	7.639954	10.0	358993.0	0.382072	Y
8	IC 200-186261/13	39.99224	14.246095	10.0	364648.0	0.356221	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

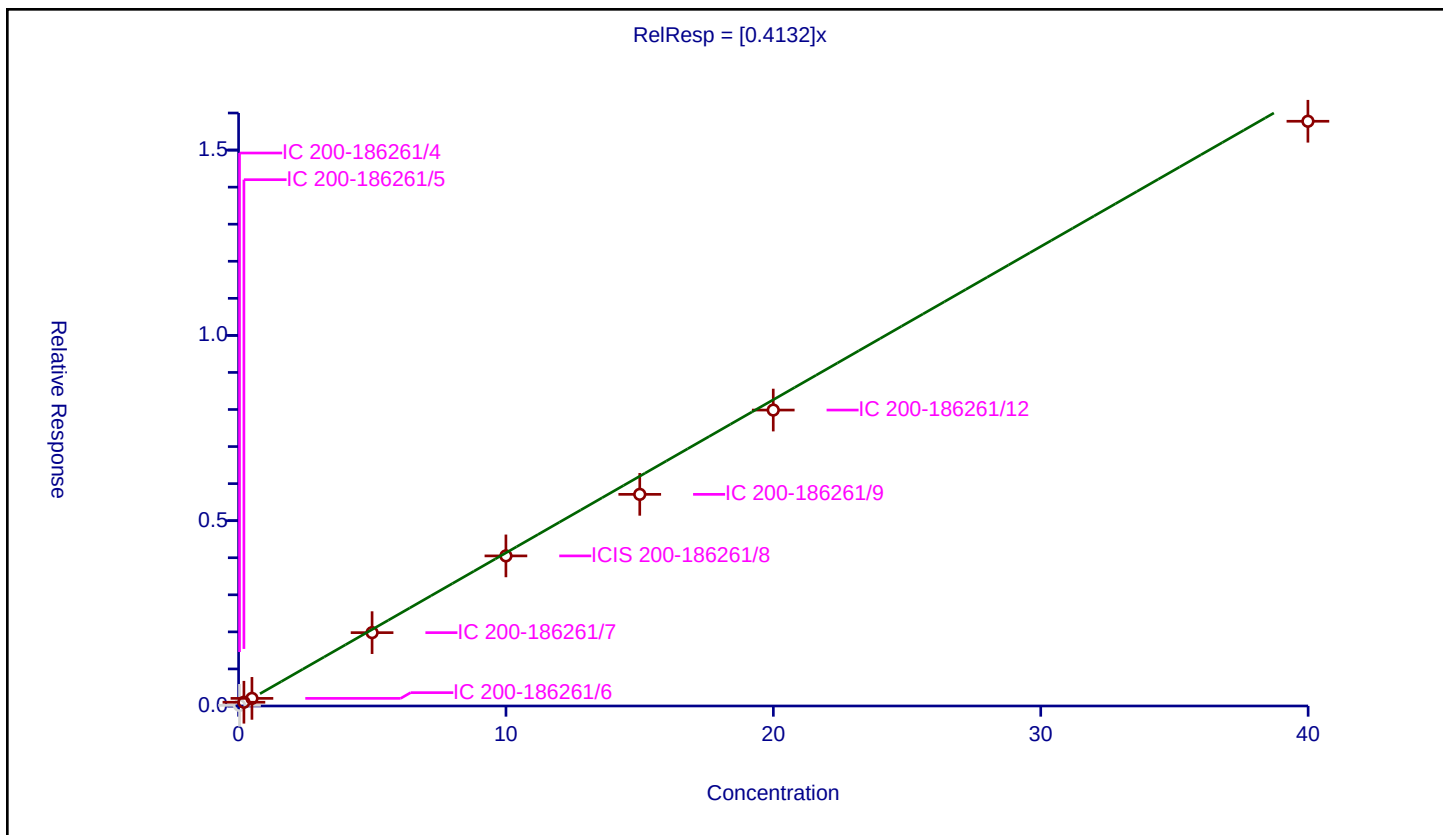
Curve Coefficients

Intercept: 0
 Slope: 0.4132

Error Coefficients

Standard Error: 283000
 Relative Standard Error: 10.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.017002	10.0	320552.0	0.484704	N
2	IC 200-186261/5	0.20044	0.10143	10.0	306419.0	0.506036	Y
3	IC 200-186261/6	0.500453	0.205551	10.0	338699.0	0.410731	Y
4	IC 200-186261/7	4.992563	1.978799	10.0	342910.0	0.396349	Y
5	ICIS 200-186261/8	9.99806	4.050185	10.0	347794.0	0.405097	Y
6	IC 200-186261/9	15.003557	5.710379	10.0	367846.0	0.380602	Y
7	IC 200-186261/12	19.99612	7.984919	10.0	358993.0	0.399323	Y
8	IC 200-186261/13	39.99224	15.777352	10.0	364648.0	0.39451	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

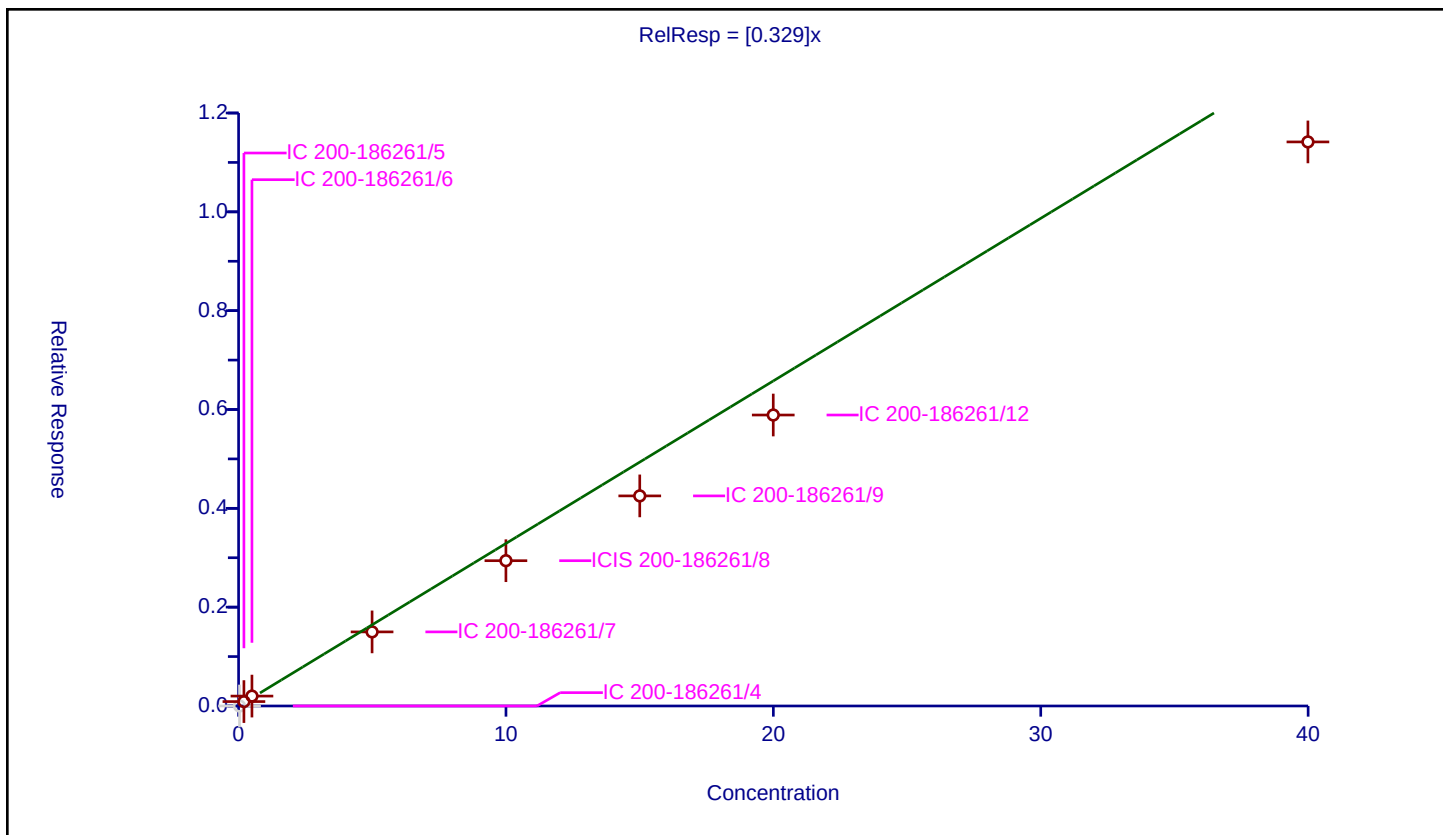
Curve Coefficients

Intercept: 0
 Slope: 0.329

Error Coefficients

Standard Error: 183000
 Relative Standard Error: 19.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.942

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.0	10.0	285317.0	0.0	N
2	IC 200-186261/5	0.20044	0.089063	10.0	271941.0	0.44434	Y
3	IC 200-186261/6	0.500453	0.200458	10.0	298366.0	0.400554	Y
4	IC 200-186261/7	4.992563	1.49961	10.0	304846.0	0.300369	Y
5	ICIS 200-186261/8	9.99806	2.940463	10.0	310128.0	0.294103	Y
6	IC 200-186261/9	15.003557	4.251792	10.0	323259.0	0.283386	Y
7	IC 200-186261/12	19.99612	5.888568	10.0	316571.0	0.294486	Y
8	IC 200-186261/13	39.99224	11.415082	10.0	325324.0	0.285432	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

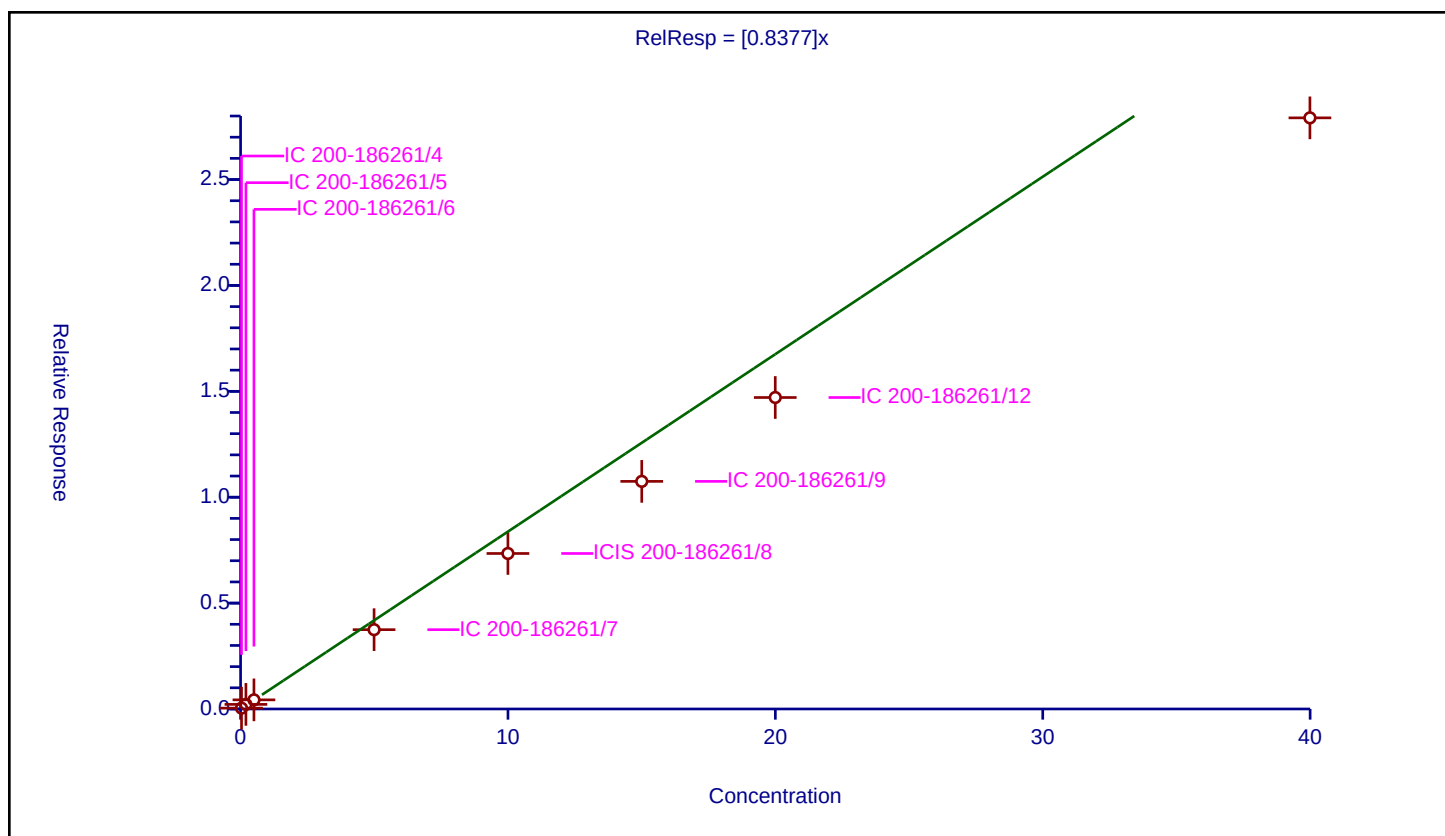
Curve Coefficients

Intercept: 0
Slope: 0.8377

Error Coefficients

Standard Error: 419000
Relative Standard Error: 20.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.948

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.039325	10.0	285317.0	1.121098	Y
2	IC 200-186261/5	0.20044	0.2174	10.0	271941.0	1.084616	Y
3	IC 200-186261/6	0.500453	0.431215	10.0	298366.0	0.861651	Y
4	IC 200-186261/7	4.992563	3.74576	10.0	304846.0	0.750268	Y
5	ICIS 200-186261/8	9.99806	7.342775	10.0	310128.0	0.73442	Y
6	IC 200-186261/9	15.003557	10.747667	10.0	323259.0	0.716341	Y
7	IC 200-186261/12	19.99612	14.708264	10.0	316571.0	0.735556	Y
8	IC 200-186261/13	39.99224	27.912666	10.0	325324.0	0.697952	Y



Calibration

/ 2-Hexanone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

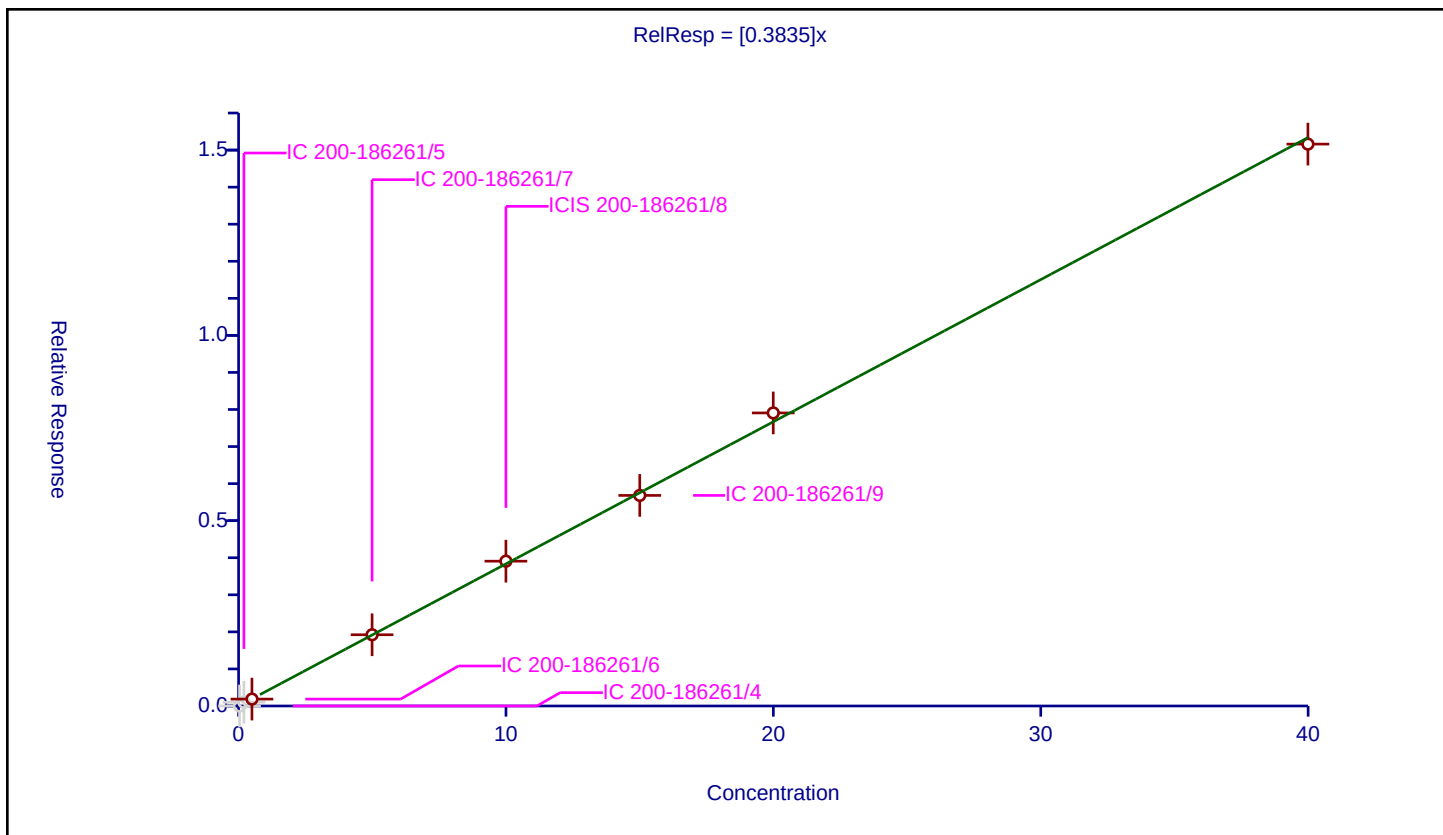
Curve Coefficients

Intercept: 0
 Slope: 0.3835

Error Coefficients

Standard Error: 268000
 Relative Standard Error: 2.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.0	10.0	285317.0	0.0	N
2	IC 200-186261/5	0.20044	0.100573	10.0	271941.0	0.501763	N
3	IC 200-186261/6	0.500453	0.18608	10.0	298366.0	0.371824	Y
4	IC 200-186261/7	4.992563	1.922479	10.0	304846.0	0.385069	Y
5	ICIS 200-186261/8	9.99806	3.907096	10.0	310128.0	0.390785	Y
6	IC 200-186261/9	15.003557	5.682069	10.0	323259.0	0.378715	Y
7	IC 200-186261/12	19.99612	7.907484	10.0	316571.0	0.395451	Y
8	IC 200-186261/13	39.99224	15.160763	10.0	325324.0	0.379093	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

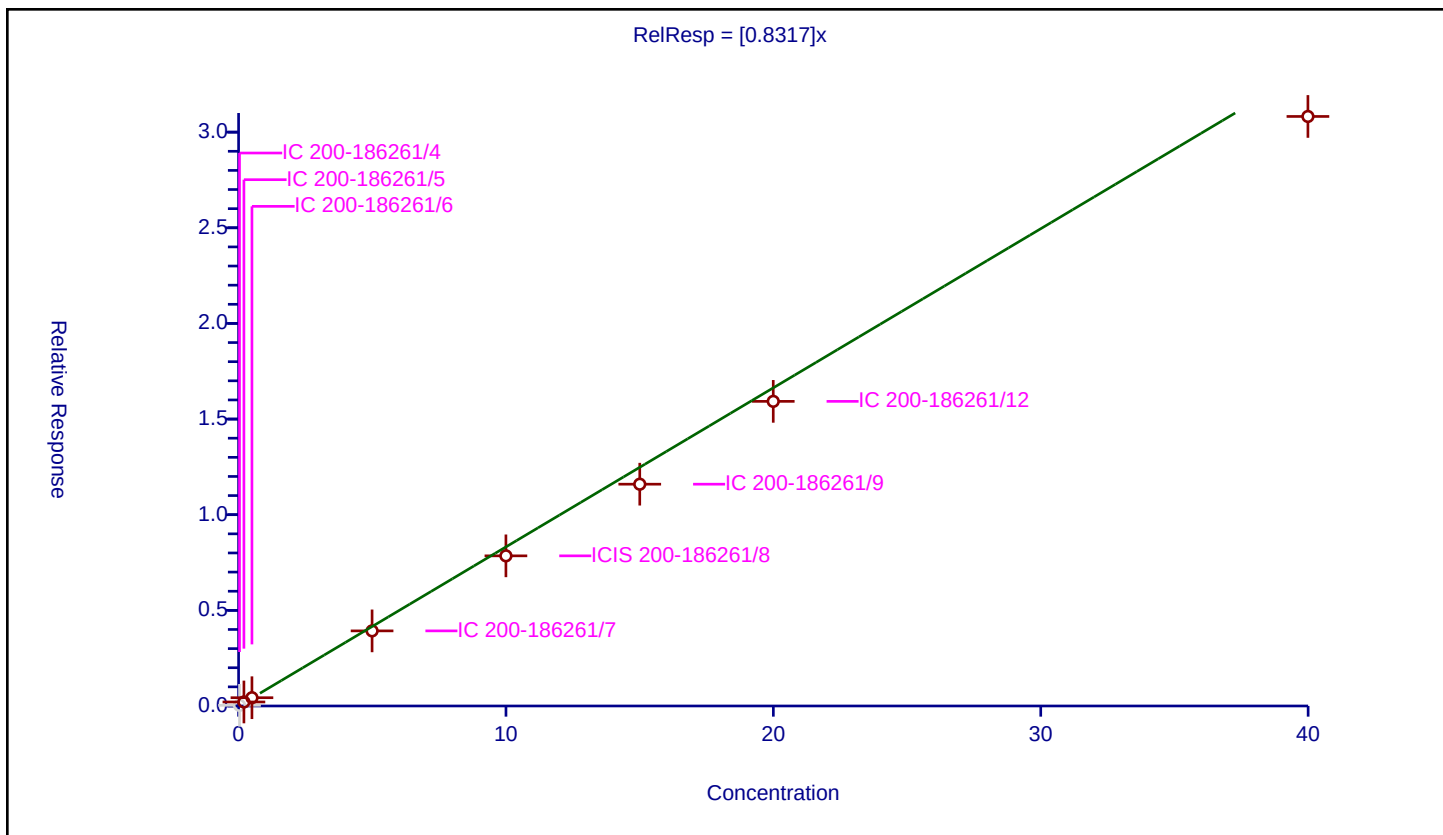
Curve Coefficients

Intercept: 0
 Slope: 0.8317

Error Coefficients

Standard Error: 496000
 Relative Standard Error: 11.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.033997	10.0	285317.0	0.96922	N
2	IC 200-186261/5	0.20044	0.20931	10.0	271941.0	1.044255	Y
3	IC 200-186261/6	0.500453	0.433528	10.0	298366.0	0.866272	Y
4	IC 200-186261/7	4.992563	3.926081	10.0	304846.0	0.786386	Y
5	ICIS 200-186261/8	9.99806	7.850178	10.0	310128.0	0.78517	Y
6	IC 200-186261/9	15.003557	11.595346	10.0	323259.0	0.77284	Y
7	IC 200-186261/12	19.99612	15.925274	10.0	316571.0	0.796418	Y
8	IC 200-186261/13	39.99224	30.819706	10.0	325324.0	0.770642	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

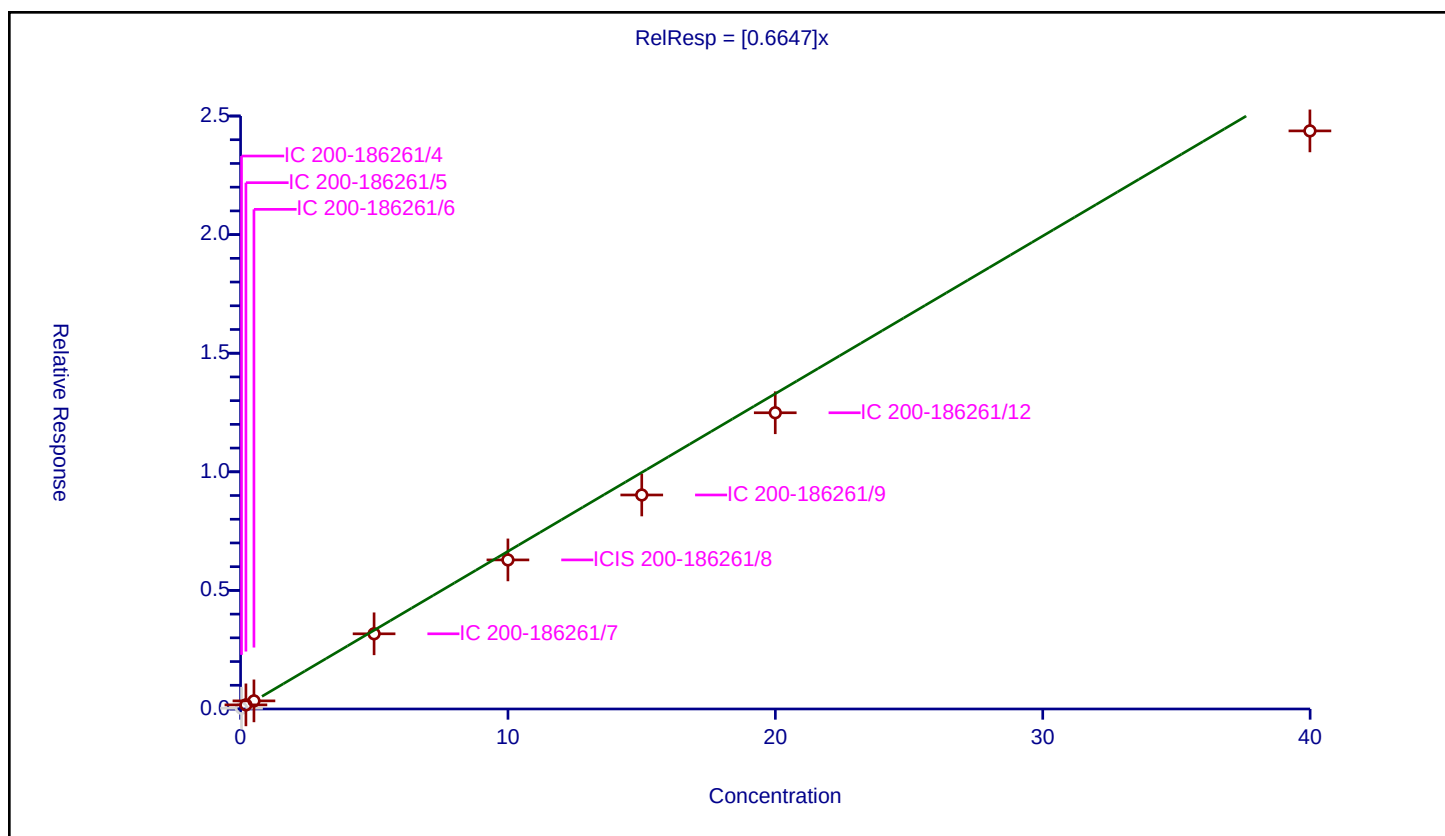
Curve Coefficients

Intercept: 0
Slope: 0.6647

Error Coefficients

Standard Error: 391000
Relative Standard Error: 14.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.032946	10.0	285317.0	0.939244	N
2	IC 200-186261/5	0.20044	0.174229	10.0	271941.0	0.869234	Y
3	IC 200-186261/6	0.500453	0.342633	10.0	298366.0	0.684646	Y
4	IC 200-186261/7	4.992563	3.169961	10.0	304846.0	0.634937	Y
5	ICIS 200-186261/8	9.99806	6.285244	10.0	310128.0	0.628646	Y
6	IC 200-186261/9	15.003557	9.022827	10.0	323259.0	0.601379	Y
7	IC 200-186261/12	19.99612	12.489205	10.0	316571.0	0.624581	Y
8	IC 200-186261/13	39.99224	24.372257	10.0	325324.0	0.609425	Y



Calibration

/ Chlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

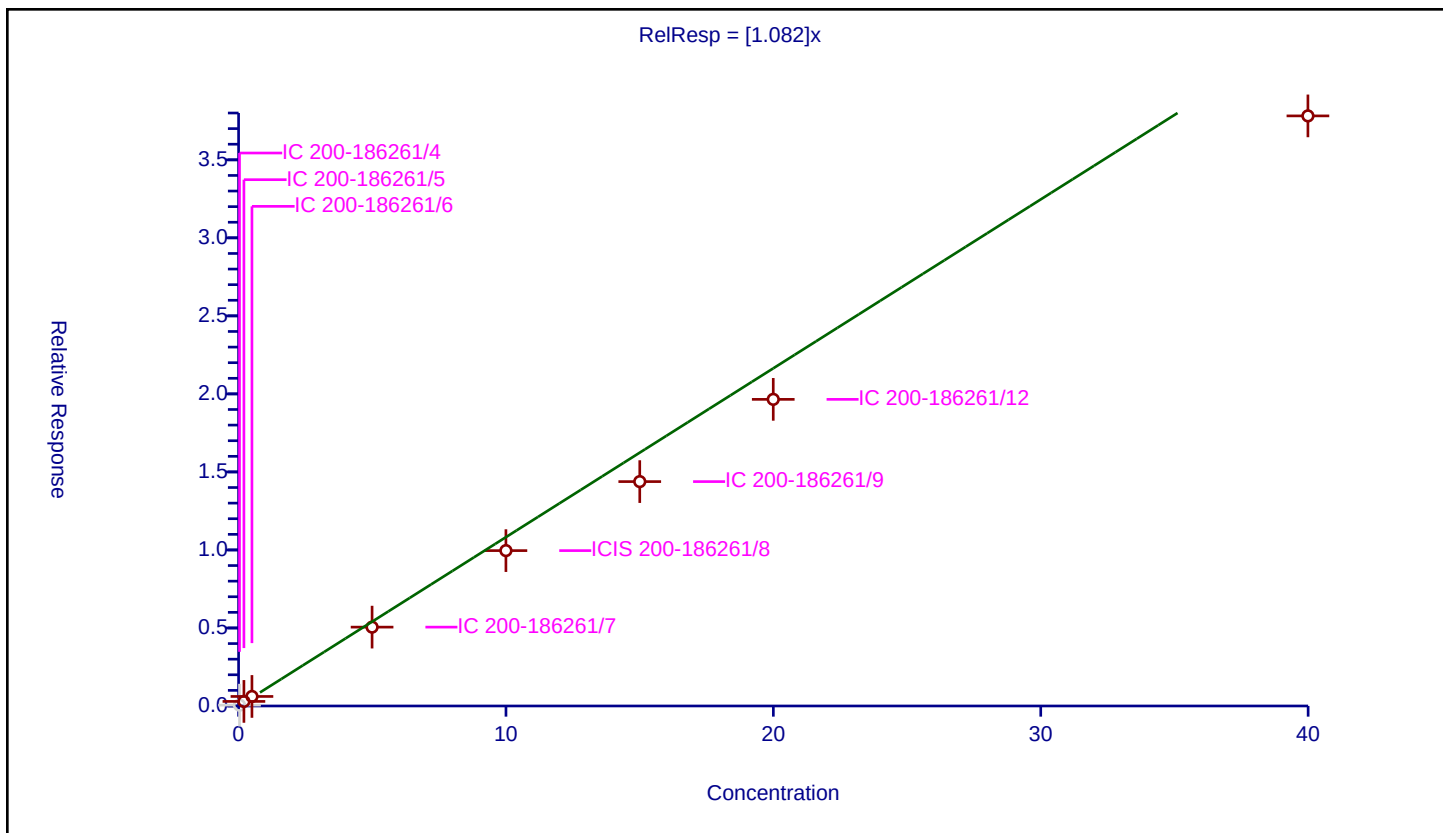
Curve Coefficients

Intercept: 0
 Slope: 1.082

Error Coefficients

Standard Error: 610000
 Relative Standard Error: 17.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.955

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.05415	10.0	285317.0	1.543758	N
2	IC 200-186261/5	0.20044	0.292343	10.0	271941.0	1.458508	Y
3	IC 200-186261/6	0.500453	0.611196	10.0	298366.0	1.221286	Y
4	IC 200-186261/7	4.992563	5.054782	10.0	304846.0	1.012462	Y
5	ICIS 200-186261/8	9.99806	9.956147	10.0	310128.0	0.995808	Y
6	IC 200-186261/9	15.003557	14.379646	10.0	323259.0	0.958416	Y
7	IC 200-186261/12	19.99612	19.649936	10.0	316571.0	0.982687	Y
8	IC 200-186261/13	39.99224	37.814978	10.0	325324.0	0.945558	Y



Calibration

/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

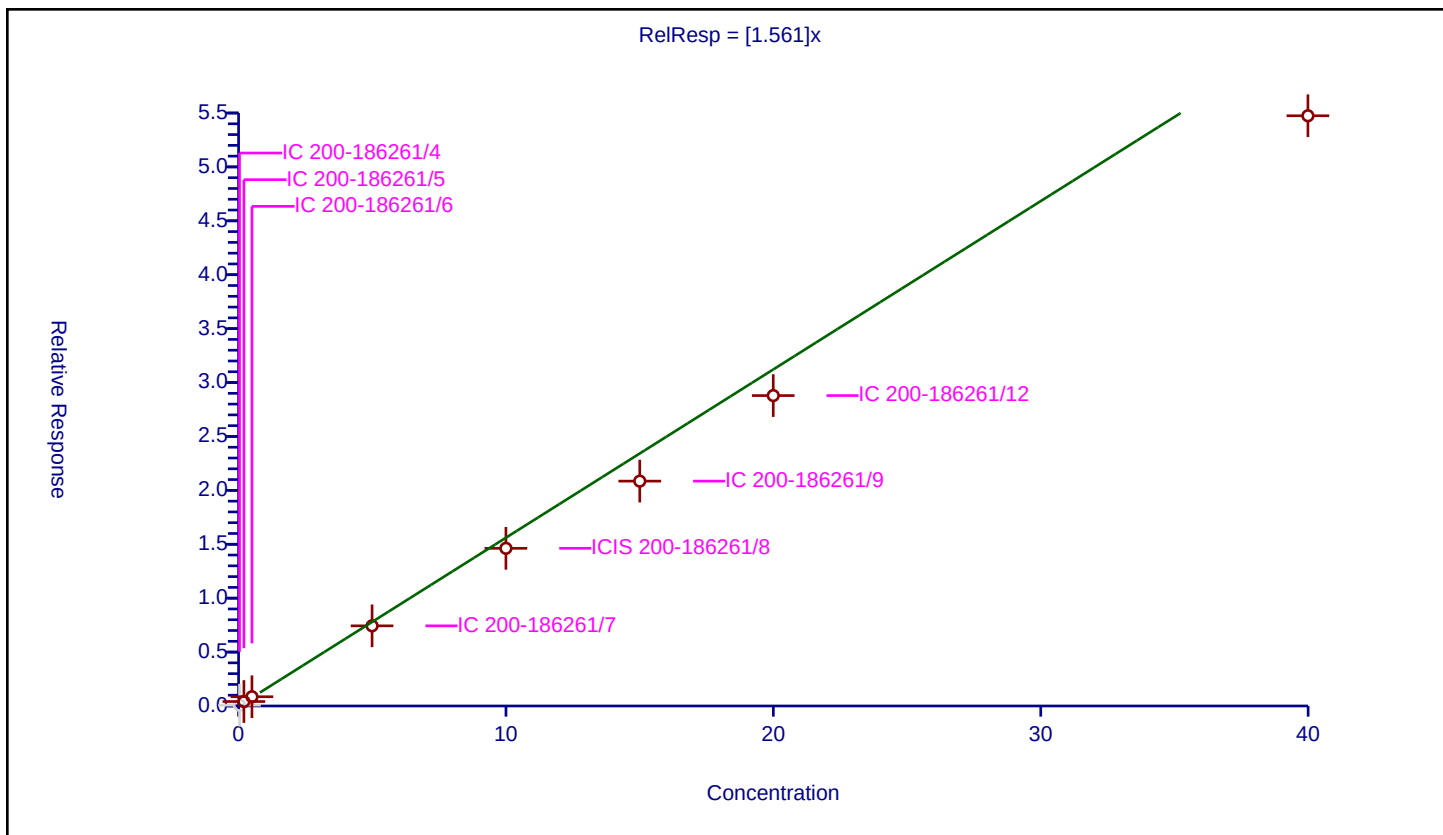
Curve Coefficients

Intercept: 0
Slope: 1.561

Error Coefficients

Standard Error: 886000
Relative Standard Error: 15.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.074864	10.0	285317.0	2.134282	N
2	IC 200-186261/5	0.20044	0.413435	10.0	271941.0	2.062642	Y
3	IC 200-186261/6	0.500453	0.85747	10.0	298366.0	1.71339	Y
4	IC 200-186261/7	4.992563	7.434902	10.0	304846.0	1.489195	Y
5	ICIS 200-186261/8	9.99806	14.625187	10.0	310128.0	1.462803	Y
6	IC 200-186261/9	15.003557	20.857733	10.0	323259.0	1.390186	Y
7	IC 200-186261/12	19.99612	28.791645	10.0	316571.0	1.439862	Y
8	IC 200-186261/13	39.99224	54.746191	10.0	325324.0	1.36892	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

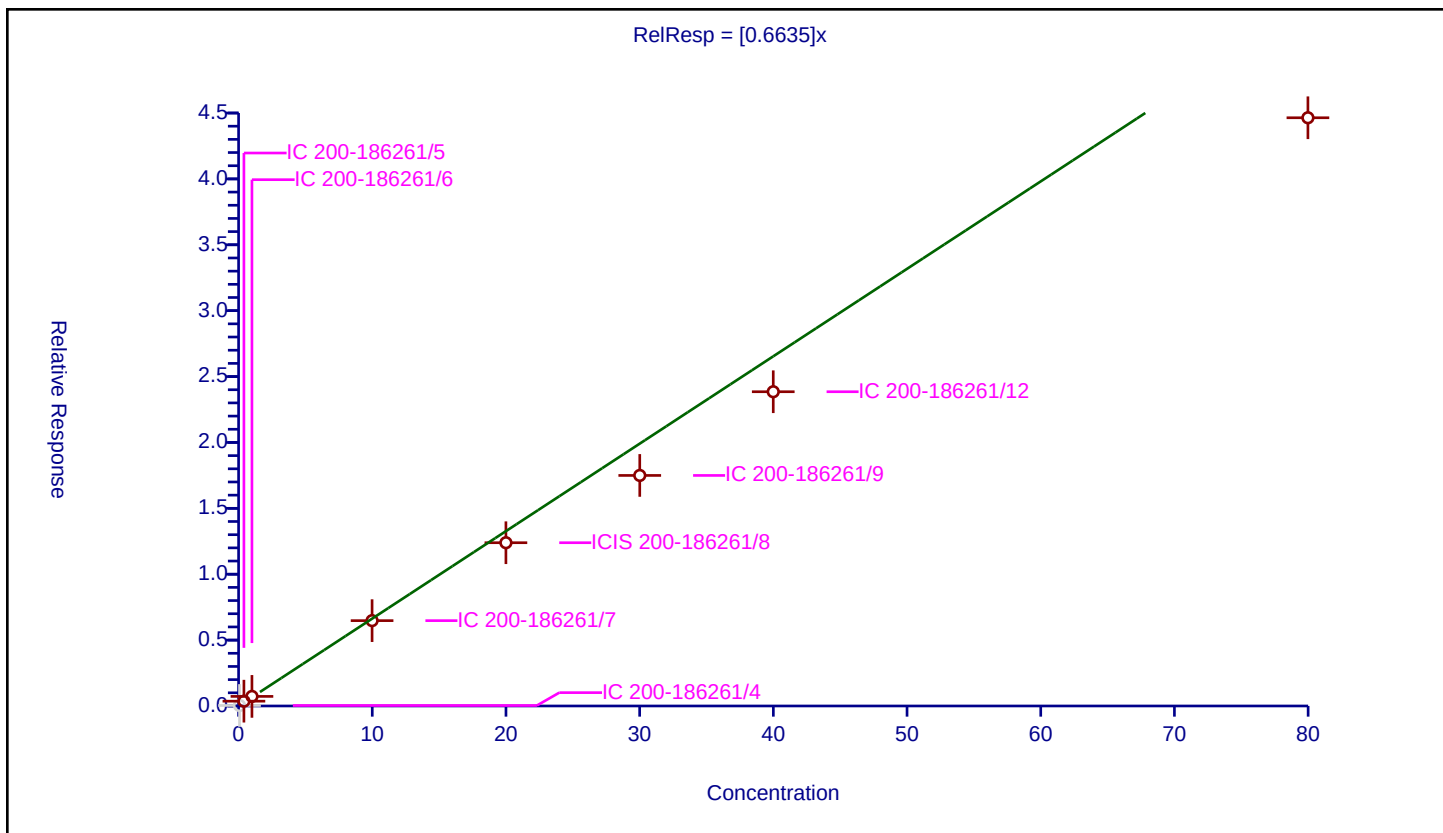
Curve Coefficients

Intercept: 0
 Slope: 0.6635

Error Coefficients

Standard Error: 729000
 Relative Standard Error: 18.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.950

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.070154	0.037152	10.0	285317.0	0.529574	N
2	IC 200-186261/5	0.400879	0.365925	10.0	271941.0	0.912806	Y
3	IC 200-186261/6	1.000905	0.726691	10.0	298366.0	0.726034	Y
4	IC 200-186261/7	9.985126	6.476221	10.0	304846.0	0.648587	Y
5	ICIS 200-186261/8	19.99612	12.390142	10.0	310128.0	0.619627	Y
6	IC 200-186261/9	30.007114	17.496589	10.0	323259.0	0.583081	Y
7	IC 200-186261/12	39.99224	23.847857	10.0	316571.0	0.596312	Y
8	IC 200-186261/13	79.984479	44.639682	10.0	325324.0	0.558104	Y



Calibration

/ n-Nonane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

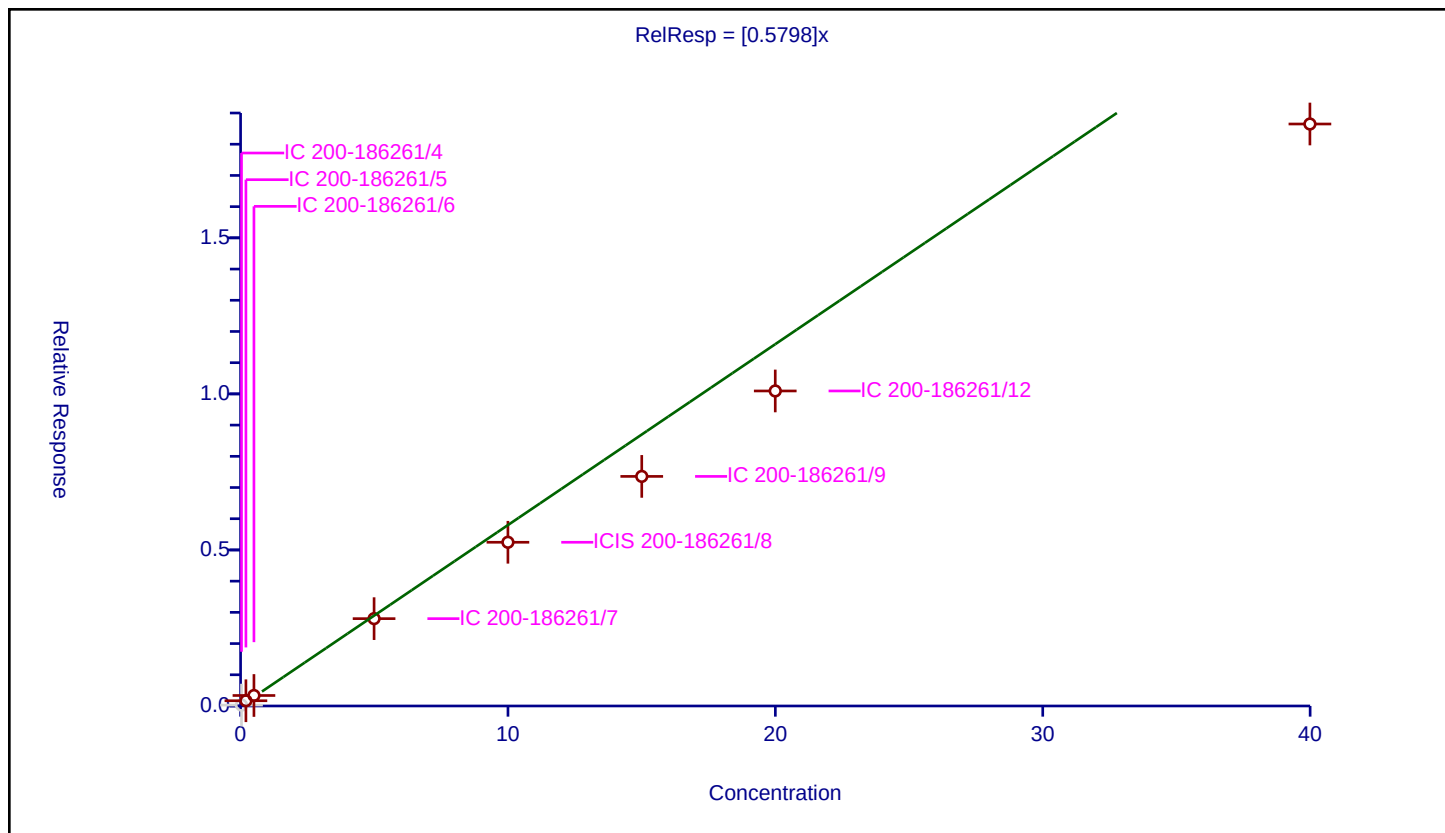
Curve Coefficients

Intercept: 0
 Slope: 0.5798

Error Coefficients

Standard Error: 306000
 Relative Standard Error: 22.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.919

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.028845	10.0	285317.0	0.822338	N
2	IC 200-186261/5	0.20044	0.168235	10.0	271941.0	0.83933	Y
3	IC 200-186261/6	0.500453	0.336466	10.0	298366.0	0.672323	Y
4	IC 200-186261/7	4.992563	2.798823	10.0	304846.0	0.560598	Y
5	ICIS 200-186261/8	9.99806	5.245544	10.0	310128.0	0.524656	Y
6	IC 200-186261/9	15.003557	7.356207	10.0	323259.0	0.490298	Y
7	IC 200-186261/12	19.99612	10.094134	10.0	316571.0	0.504805	Y
8	IC 200-186261/13	39.99224	18.648148	10.0	325324.0	0.466294	Y



Calibration

/ o-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

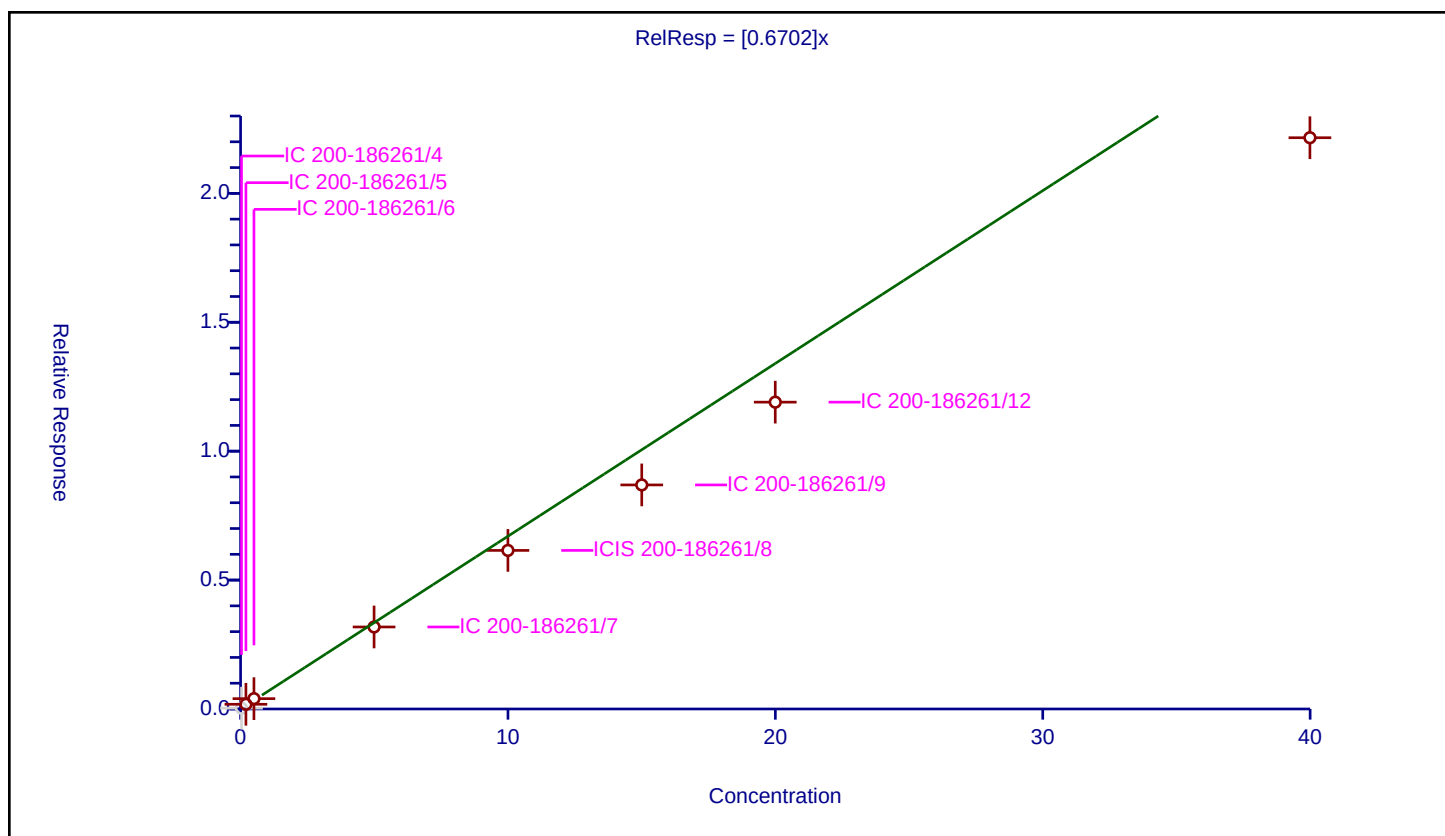
Curve Coefficients

Intercept: 0
 Slope: 0.6702

Error Coefficients

Standard Error: 362000
 Relative Standard Error: 19.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.942

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.031299	10.0	285317.0	0.892282	N
2	IC 200-186261/5	0.20044	0.182429	10.0	271941.0	0.910146	Y
3	IC 200-186261/6	0.500453	0.400347	10.0	298366.0	0.79997	Y
4	IC 200-186261/7	4.992563	3.181574	10.0	304846.0	0.637263	Y
5	ICIS 200-186261/8	9.99806	6.150718	10.0	310128.0	0.615191	Y
6	IC 200-186261/9	15.003557	8.690709	10.0	323259.0	0.579243	Y
7	IC 200-186261/12	19.99612	11.901311	10.0	316571.0	0.595181	Y
8	IC 200-186261/13	39.99224	22.158187	10.0	325324.0	0.554062	Y



Calibration

/ Styrene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

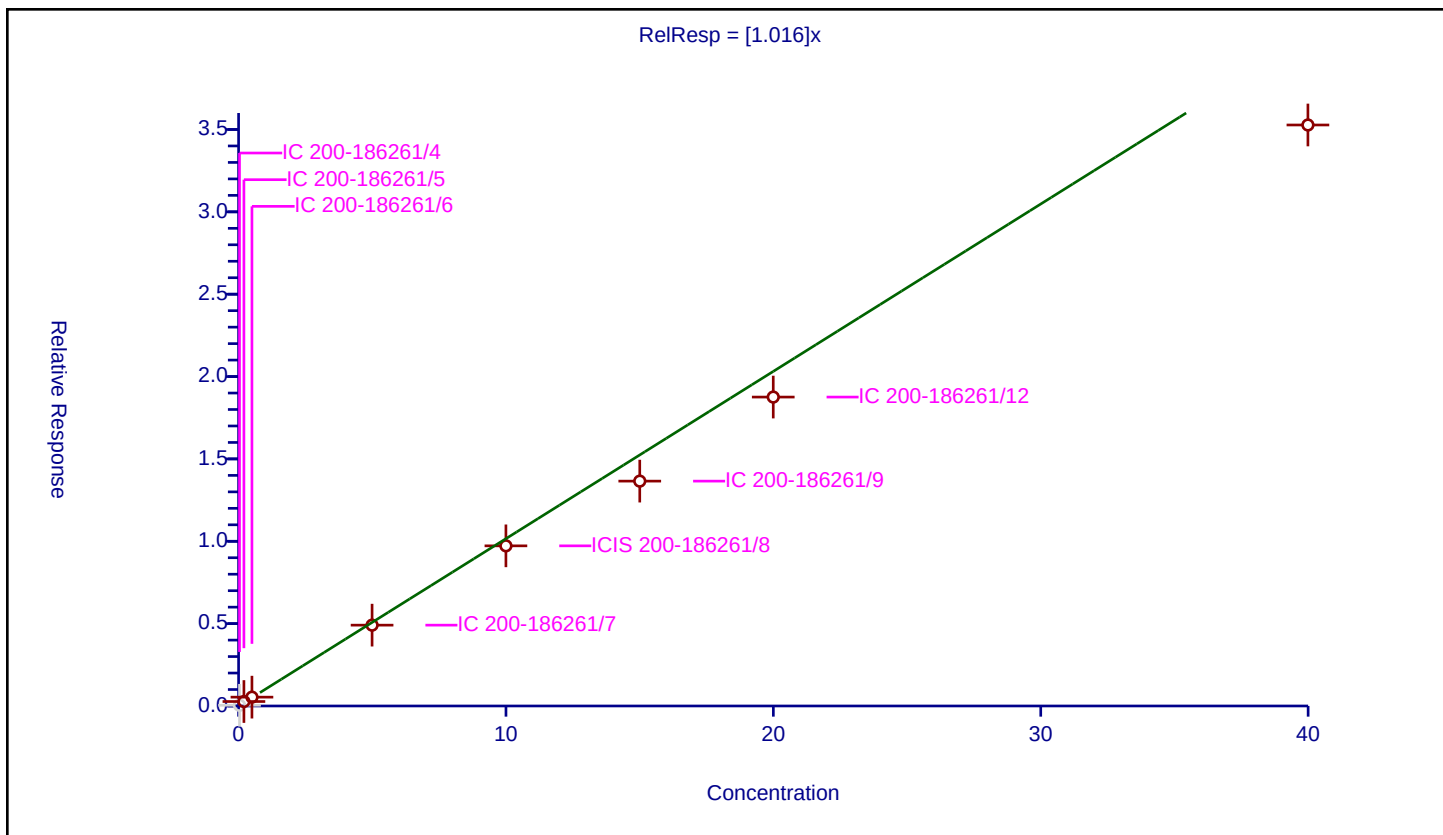
Curve Coefficients

Intercept: 0
 Slope: 1.016

Error Coefficients

Standard Error: 574000
 Relative Standard Error: 15.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.043495	10.0	285317.0	1.240002	N
2	IC 200-186261/5	0.20044	0.271419	10.0	271941.0	1.354119	Y
3	IC 200-186261/6	0.500453	0.536254	10.0	298366.0	1.071538	Y
4	IC 200-186261/7	4.992563	4.907822	10.0	304846.0	0.983027	Y
5	ICIS 200-186261/8	9.99806	9.72205	10.0	310128.0	0.972394	Y
6	IC 200-186261/9	15.003557	13.651994	10.0	323259.0	0.909917	Y
7	IC 200-186261/12	19.99612	18.755445	10.0	316571.0	0.937954	Y
8	IC 200-186261/13	39.99224	35.272621	10.0	325324.0	0.881987	Y



Calibration

/ Bromoform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

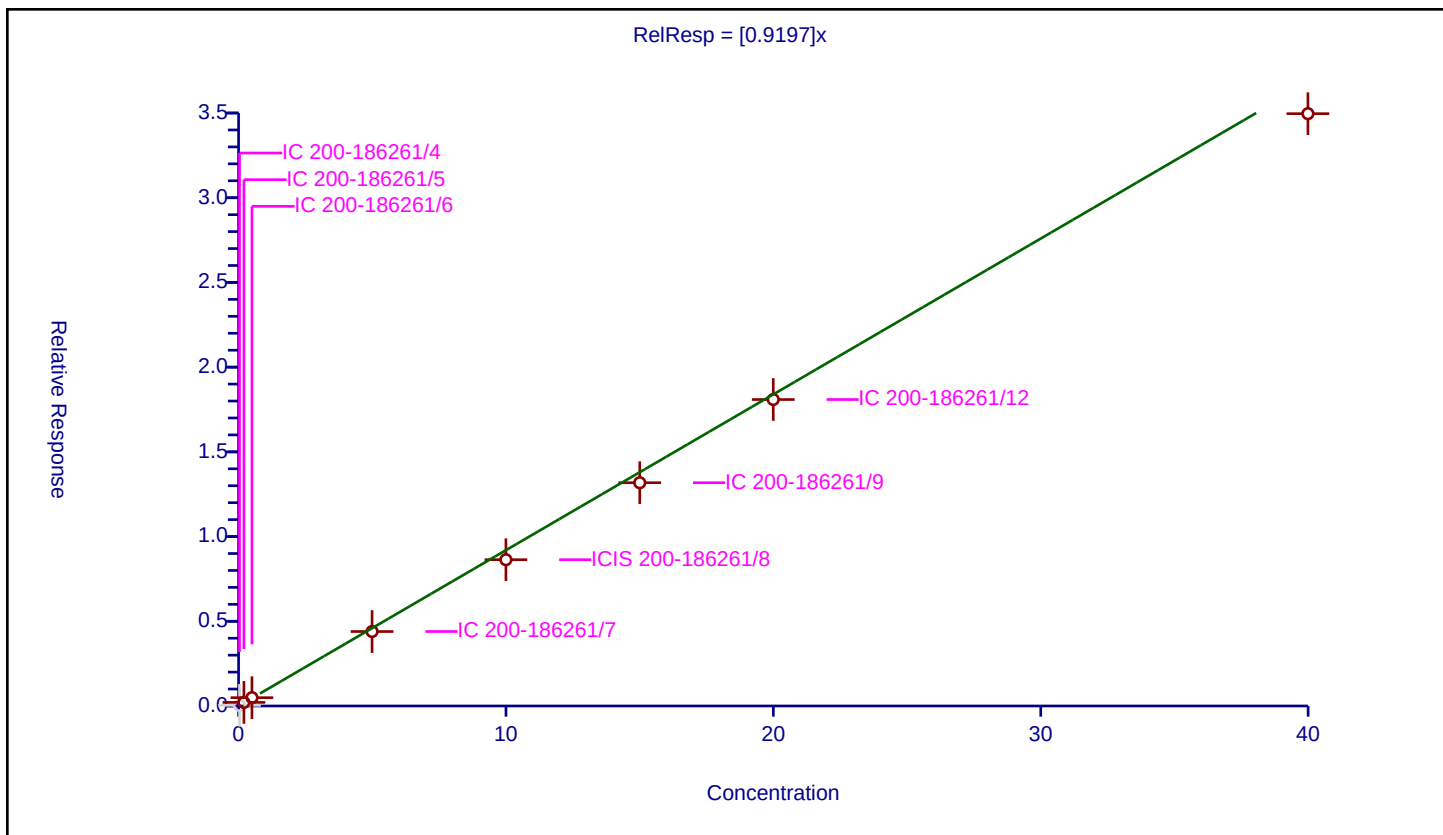
Curve Coefficients

Intercept: 0
 Slope: 0.9197

Error Coefficients

Standard Error: 562000
 Relative Standard Error: 7.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.038799	10.0	285317.0	1.10611	N
2	IC 200-186261/5	0.20044	0.211664	10.0	271941.0	1.055996	Y
3	IC 200-186261/6	0.500453	0.490673	10.0	298366.0	0.980458	Y
4	IC 200-186261/7	4.992563	4.395629	10.0	304846.0	0.880435	Y
5	ICIS 200-186261/8	9.99806	8.633532	10.0	310128.0	0.863521	Y
6	IC 200-186261/9	15.003557	13.177823	10.0	323259.0	0.878313	Y
7	IC 200-186261/12	19.99612	18.089433	10.0	316571.0	0.904647	Y
8	IC 200-186261/13	39.99224	34.9613	10.0	325324.0	0.874202	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

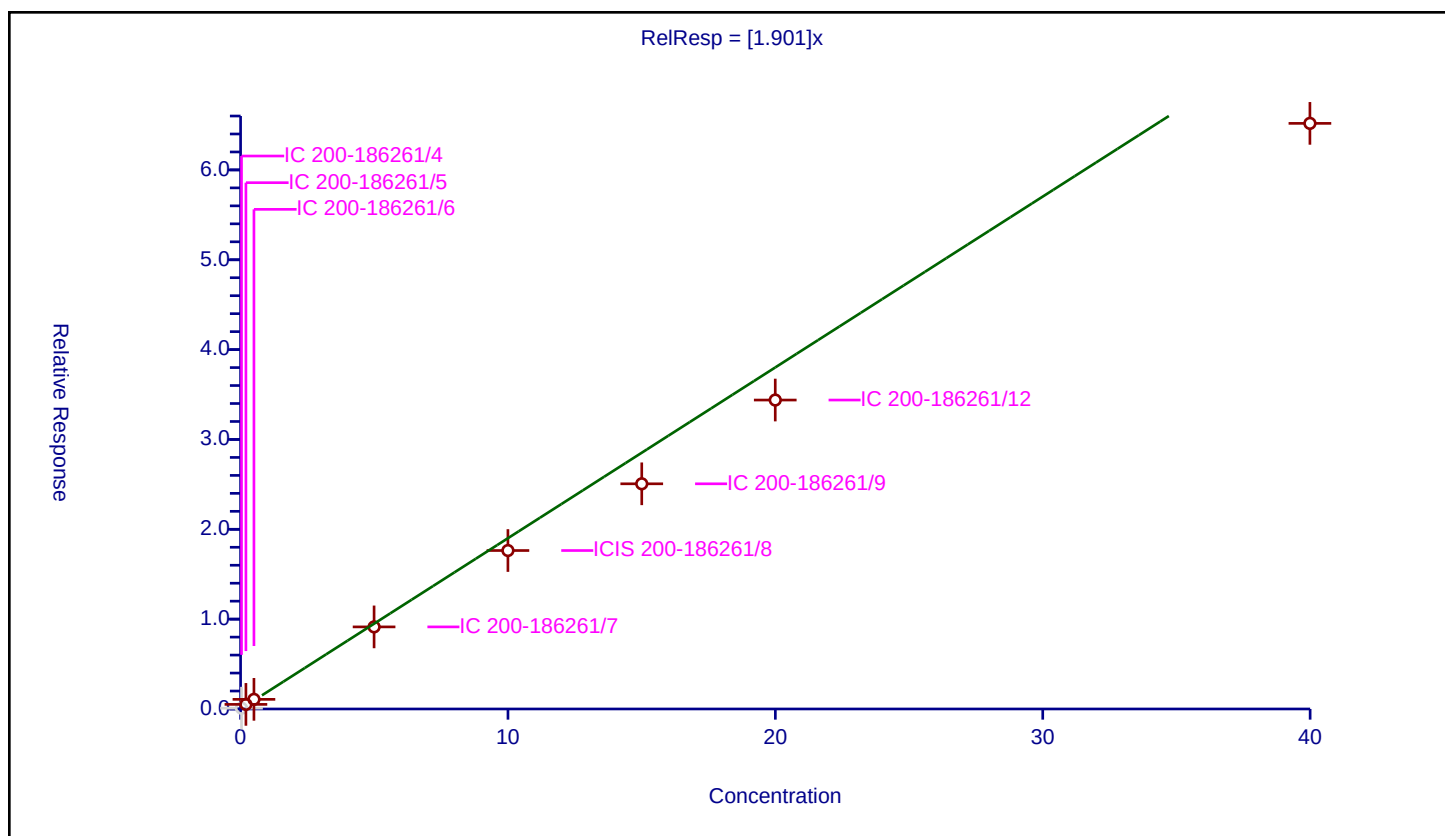
Curve Coefficients

Intercept: 0
 Slope: 1.901

Error Coefficients

Standard Error: 1060000
 Relative Standard Error: 17.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.956

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.090566	10.0	285317.0	2.581922	N
2	IC 200-186261/5	0.20044	0.51103	10.0	271941.0	2.549545	Y
3	IC 200-186261/6	0.500453	1.07291	10.0	298366.0	2.14388	Y
4	IC 200-186261/7	4.992563	9.13681	10.0	304846.0	1.830084	Y
5	ICIS 200-186261/8	9.99806	17.637008	10.0	310128.0	1.764043	Y
6	IC 200-186261/9	15.003557	25.064824	10.0	323259.0	1.670592	Y
7	IC 200-186261/12	19.99612	34.386504	10.0	316571.0	1.719659	Y
8	IC 200-186261/13	39.99224	65.181112	10.0	325324.0	1.629844	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

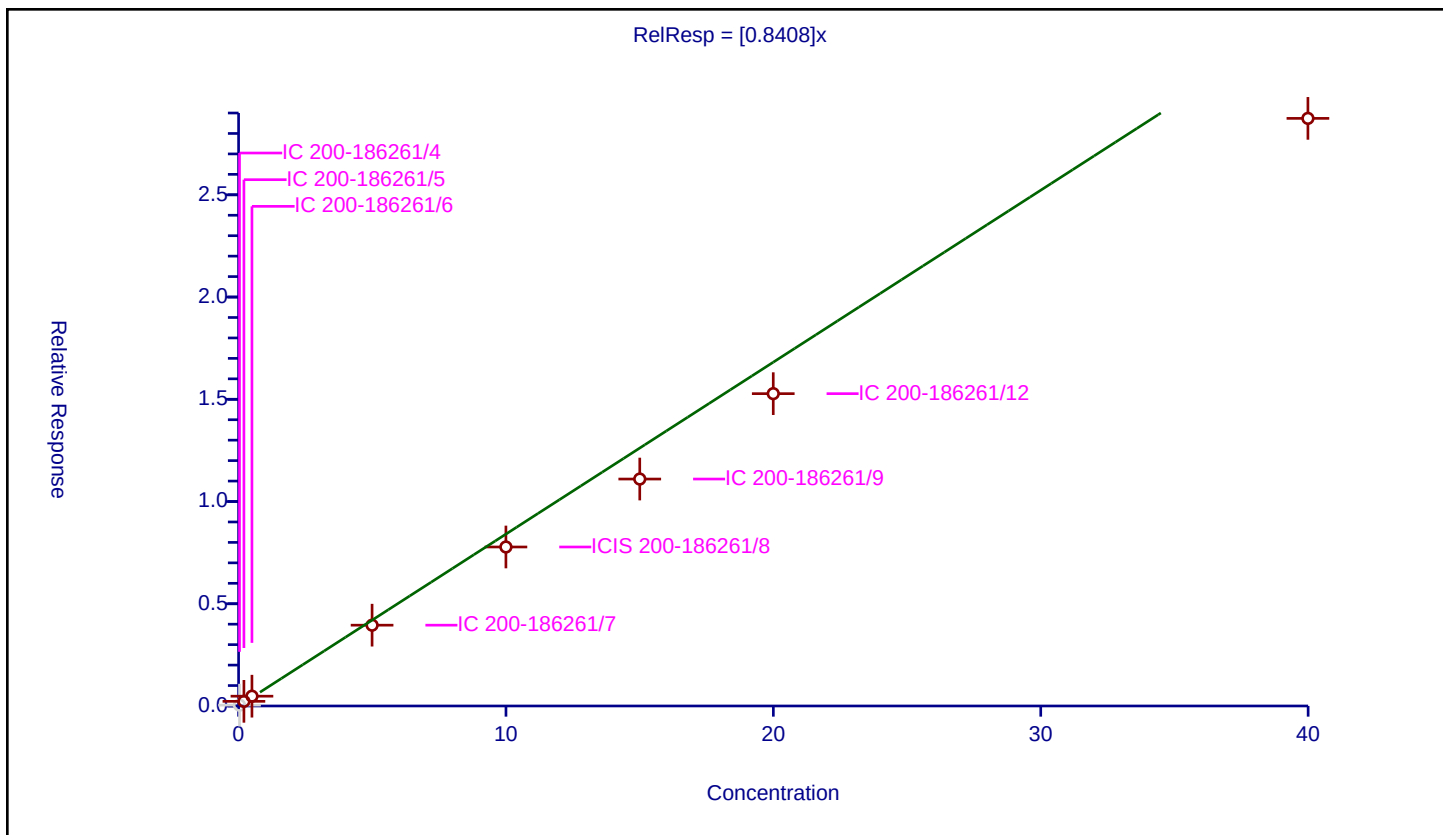
Curve Coefficients

Intercept: 0
 Slope: 0.8408

Error Coefficients

Standard Error: 467000
 Relative Standard Error: 18.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.953

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.041217	10.0	285317.0	1.175054	N
2	IC 200-186261/5	0.20044	0.227844	10.0	271941.0	1.136719	Y
3	IC 200-186261/6	0.500453	0.478975	10.0	298366.0	0.957085	Y
4	IC 200-186261/7	4.992563	3.952652	10.0	304846.0	0.791708	Y
5	ICIS 200-186261/8	9.99806	7.775822	10.0	310128.0	0.777733	Y
6	IC 200-186261/9	15.003557	11.099583	10.0	323259.0	0.739797	Y
7	IC 200-186261/12	19.99612	15.275531	10.0	316571.0	0.763925	Y
8	IC 200-186261/13	39.99224	28.73815	10.0	325324.0	0.718593	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

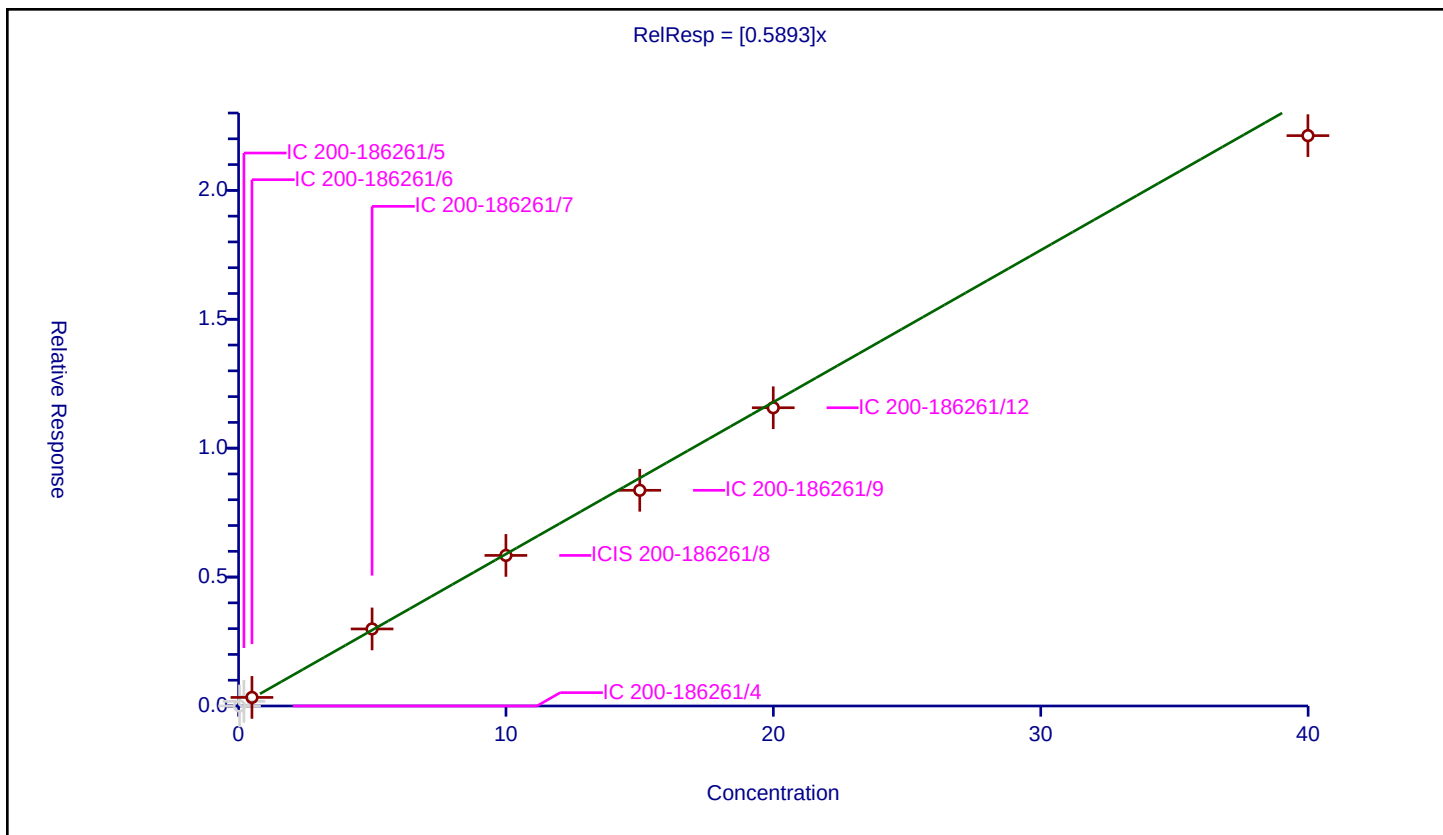
Curve Coefficients

Intercept: 0
 Slope: 0.5893

Error Coefficients

Standard Error: 392000
 Relative Standard Error: 6.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.0	10.0	285317.0	0.0	N
2	IC 200-186261/5	0.20044	0.181216	10.0	271941.0	0.904091	N
3	IC 200-186261/6	0.500453	0.332209	10.0	298366.0	0.663818	Y
4	IC 200-186261/7	4.992563	2.989149	10.0	304846.0	0.59872	Y
5	ICIS 200-186261/8	9.99806	5.839976	10.0	310128.0	0.584111	Y
6	IC 200-186261/9	15.003557	8.366171	10.0	323259.0	0.557612	Y
7	IC 200-186261/12	19.99612	11.568211	10.0	316571.0	0.578523	Y
8	IC 200-186261/13	39.99224	22.122407	10.0	325324.0	0.553168	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

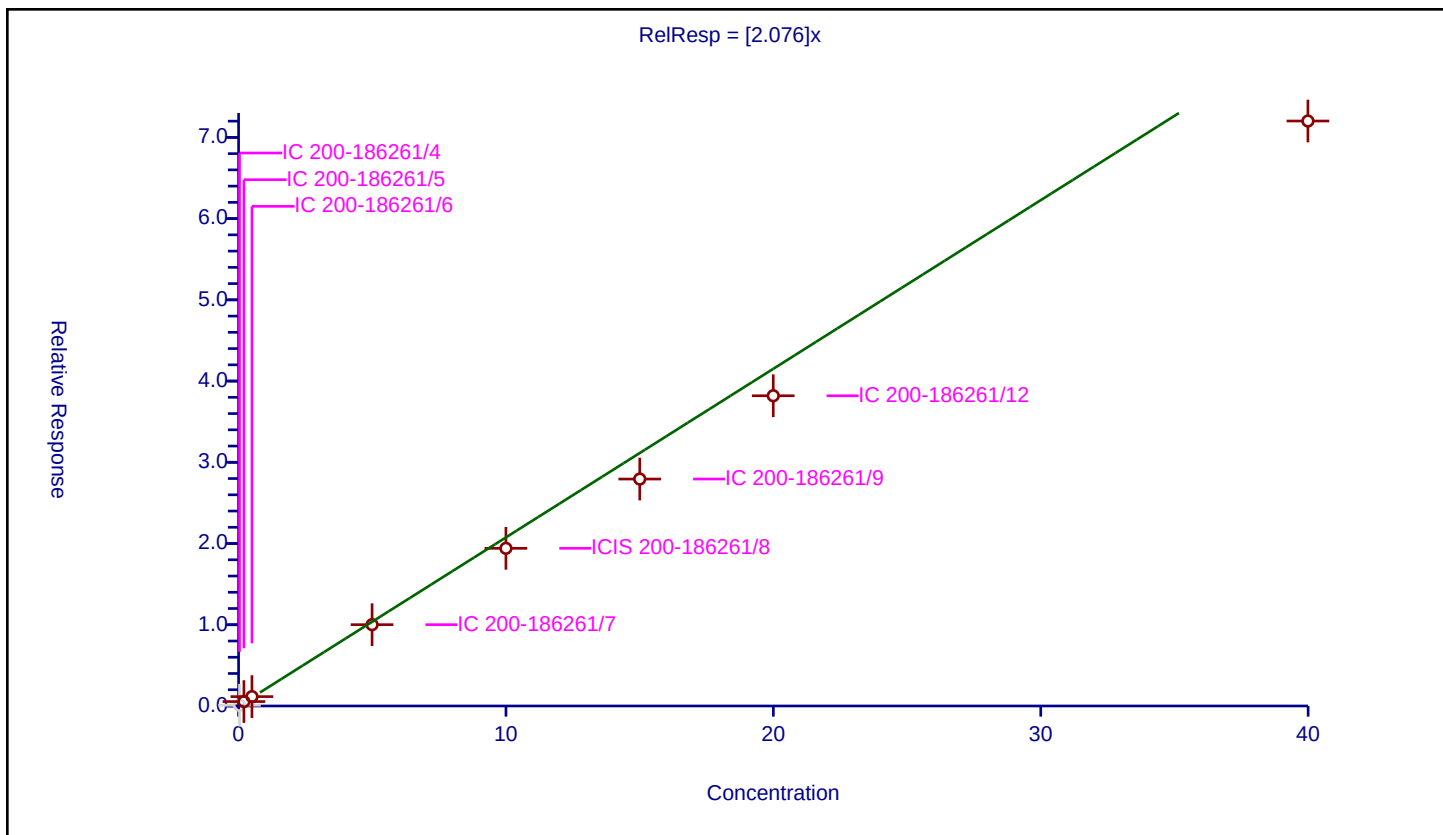
Curve Coefficients

Intercept: 0
 Slope: 2.076

Error Coefficients

Standard Error: 1170000
 Relative Standard Error: 15.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.094351	10.0	285317.0	2.689835	N
2	IC 200-186261/5	0.20044	0.541845	10.0	271941.0	2.703285	Y
3	IC 200-186261/6	0.500453	1.154388	10.0	298366.0	2.306687	Y
4	IC 200-186261/7	4.992563	10.011744	10.0	304846.0	2.005332	Y
5	ICIS 200-186261/8	9.99806	19.409179	10.0	310128.0	1.941295	Y
6	IC 200-186261/9	15.003557	27.940537	10.0	323259.0	1.862261	Y
7	IC 200-186261/12	19.99612	38.192254	10.0	316571.0	1.909983	Y
8	IC 200-186261/13	39.99224	72.016451	10.0	325324.0	1.800761	Y



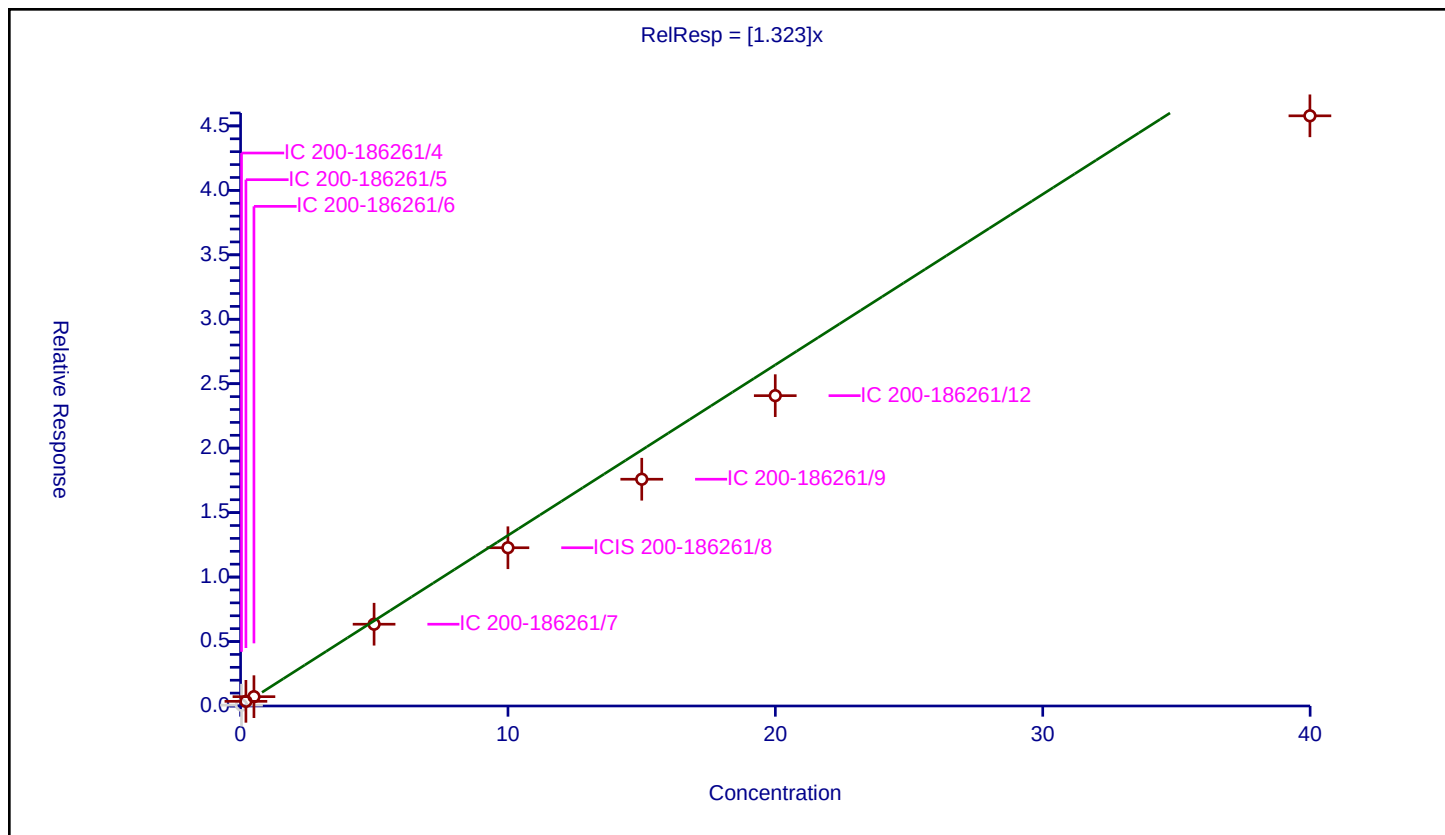
/ 2-Chlorotoluene

Curve Coefficients

Error Coefficients

Standard Error:	742000
Relative Standard Error:	17.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.956

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.065997	10.0	285317.0	1.881486	N
2	IC 200-186261/5	0.20044	0.36063	10.0	271941.0	1.799193	Y
3	IC 200-186261/6	0.500453	0.722703	10.0	298366.0	1.444099	Y
4	IC 200-186261/7	4.992563	6.344581	10.0	304846.0	1.270806	Y
5	ICIS 200-186261/8	9.99806	12.277124	10.0	310128.0	1.227951	Y
6	IC 200-186261/9	15.003557	17.591683	10.0	323259.0	1.172501	Y
7	IC 200-186261/12	19.99612	24.074378	10.0	316571.0	1.203952	Y
8	IC 200-186261/13	39.99224	45.783557	10.0	325324.0	1.144811	Y



Calibration

/ 4-Ethyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

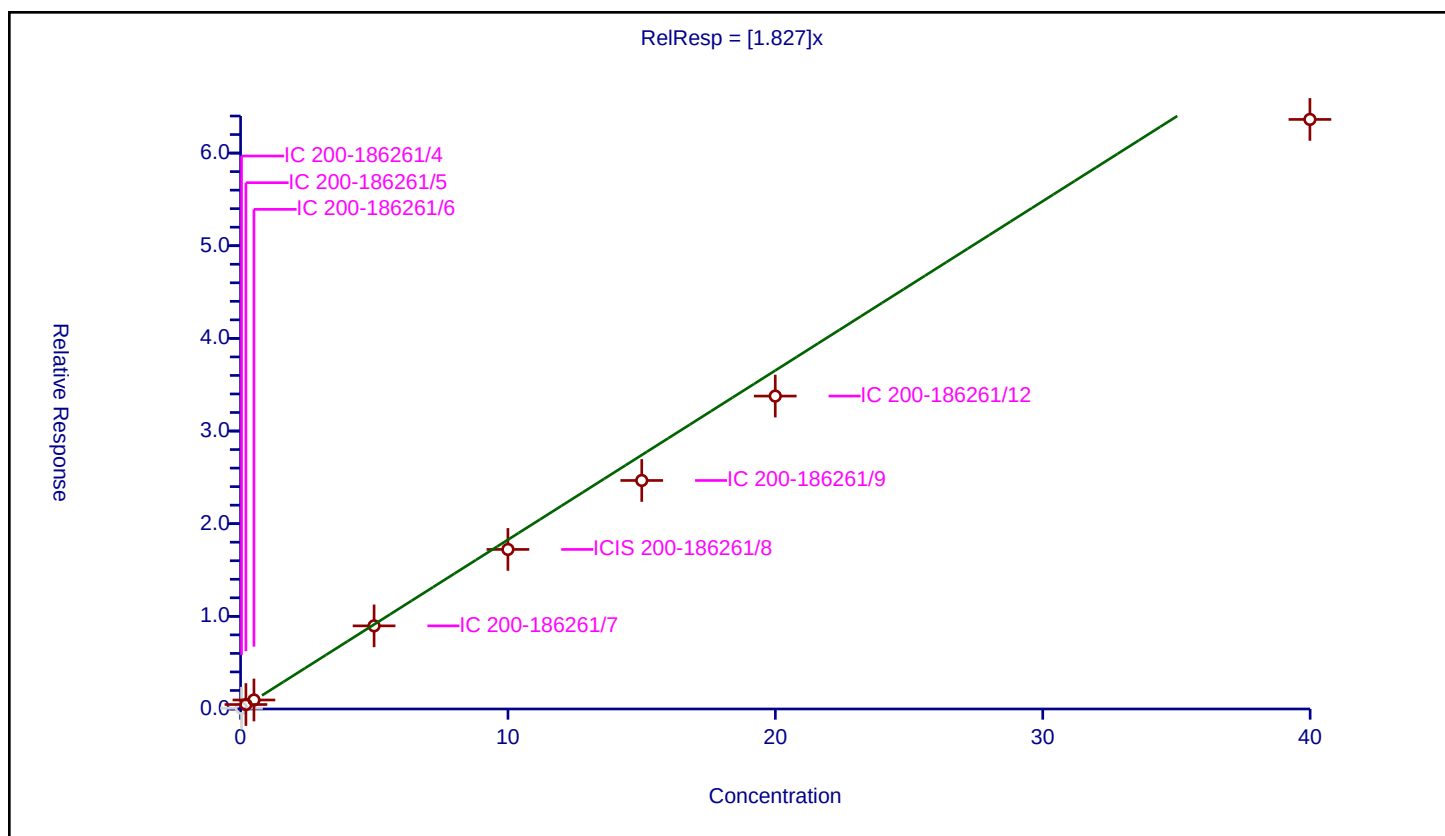
Curve Coefficients

Intercept: 0
Slope: 1.827

Error Coefficients

Standard Error: 1030000
Relative Standard Error: 15.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.085869	10.0	285317.0	2.44803	N
2	IC 200-186261/5	0.20044	0.481354	10.0	271941.0	2.401493	Y
3	IC 200-186261/6	0.500453	0.972497	10.0	298366.0	1.943235	Y
4	IC 200-186261/7	4.992563	8.972596	10.0	304846.0	1.797192	Y
5	ICIS 200-186261/8	9.99806	17.221921	10.0	310128.0	1.722526	Y
6	IC 200-186261/9	15.003557	24.664186	10.0	323259.0	1.643889	Y
7	IC 200-186261/12	19.99612	33.77334	10.0	316571.0	1.688995	Y
8	IC 200-186261/13	39.99224	63.632594	10.0	325324.0	1.591124	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

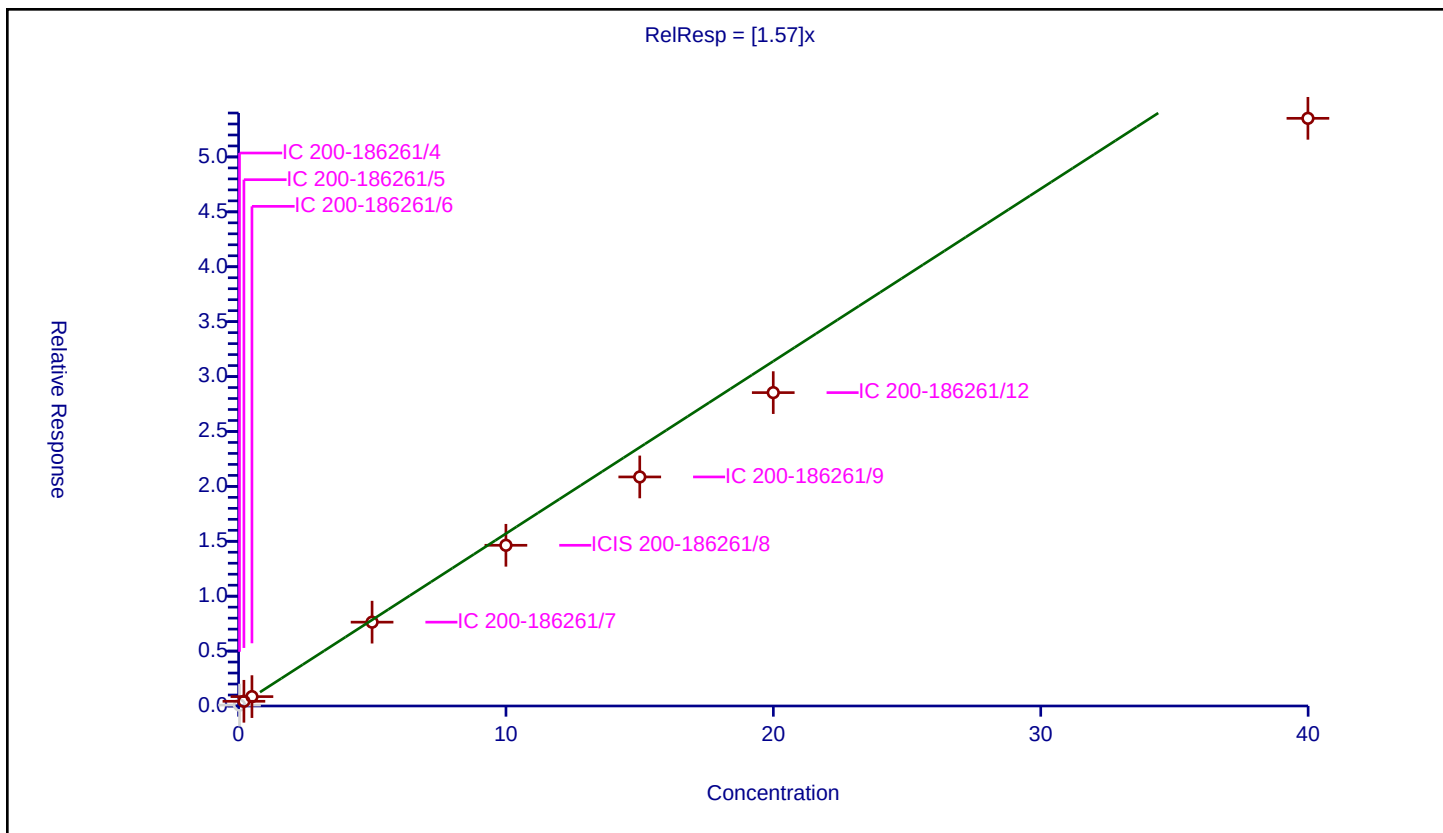
Curve Coefficients

Intercept: 0
 Slope: 1.57

Error Coefficients

Standard Error: 872000
 Relative Standard Error: 17.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.955

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.080717	10.0	285317.0	2.301148	N
2	IC 200-186261/5	0.20044	0.428144	10.0	271941.0	2.136026	Y
3	IC 200-186261/6	0.500453	0.853381	10.0	298366.0	1.705219	Y
4	IC 200-186261/7	4.992563	7.633067	10.0	304846.0	1.528888	Y
5	ICIS 200-186261/8	9.99806	14.63615	10.0	310128.0	1.463899	Y
6	IC 200-186261/9	15.003557	20.858909	10.0	323259.0	1.390264	Y
7	IC 200-186261/12	19.99612	28.538211	10.0	316571.0	1.427187	Y
8	IC 200-186261/13	39.99224	53.517201	10.0	325324.0	1.33819	Y



Calibration

/ n-Decane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

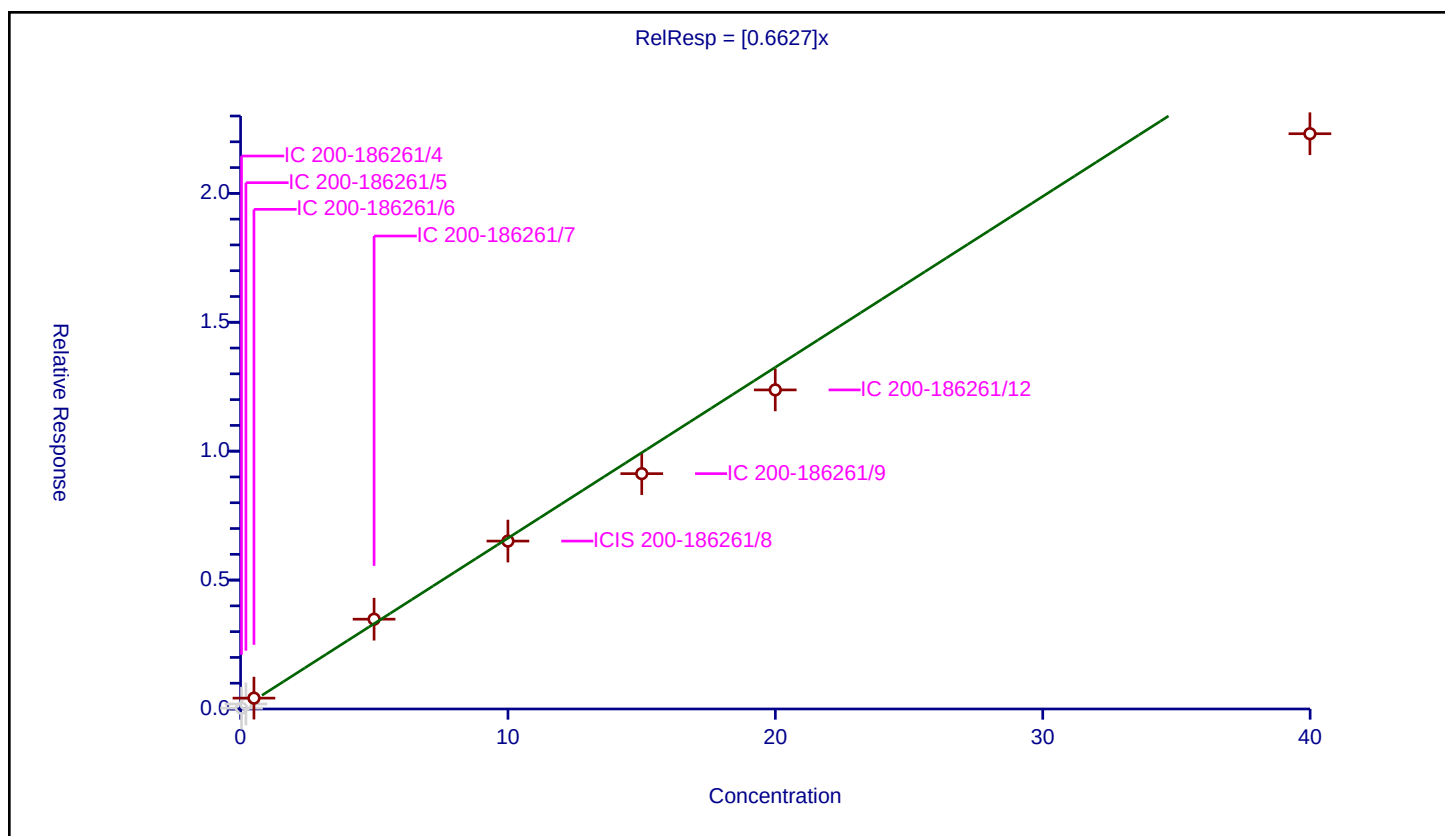
Curve Coefficients

Intercept: 0
Slope: 0.6627

Error Coefficients

Standard Error: 405000
Relative Standard Error: 15.0
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.032946	10.0	285317.0	0.939244	N
2	IC 200-186261/5	0.20044	0.194197	10.0	271941.0	0.968853	N
3	IC 200-186261/6	0.500453	0.421362	10.0	298366.0	0.841961	Y
4	IC 200-186261/7	4.992563	3.483267	10.0	304846.0	0.697691	Y
5	ICIS 200-186261/8	9.99806	6.512633	10.0	310128.0	0.65139	Y
6	IC 200-186261/9	15.003557	9.128686	10.0	323259.0	0.608435	Y
7	IC 200-186261/12	19.99612	12.376371	10.0	316571.0	0.618939	Y
8	IC 200-186261/13	39.99224	22.313386	10.0	325324.0	0.557943	Y



Calibration

/ Alpha Methyl Styrene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

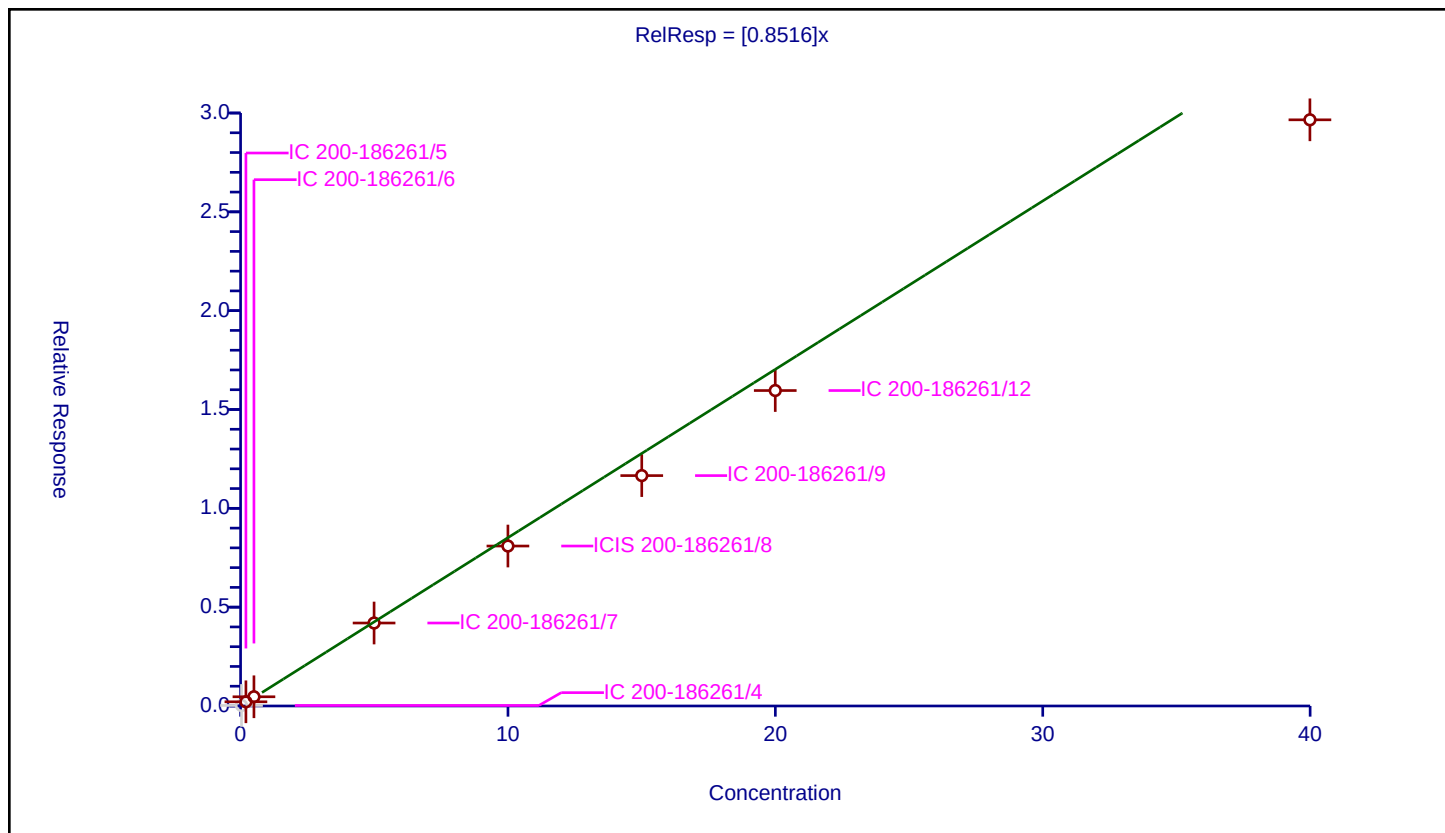
Curve Coefficients

Intercept: 0
 Slope: 0.8516

Error Coefficients

Standard Error: 484000
 Relative Standard Error: 13.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.026637	10.0	285317.0	0.759389	N
2	IC 200-186261/5	0.20044	0.212914	10.0	271941.0	1.062234	Y
3	IC 200-186261/6	0.500453	0.466608	10.0	298366.0	0.932372	Y
4	IC 200-186261/7	4.992563	4.197398	10.0	304846.0	0.84073	Y
5	ICIS 200-186261/8	9.99806	8.093303	10.0	310128.0	0.809487	Y
6	IC 200-186261/9	15.003557	11.656443	10.0	323259.0	0.776912	Y
7	IC 200-186261/12	19.99612	15.95939	10.0	316571.0	0.798124	Y
8	IC 200-186261/13	39.99224	29.65622	10.0	325324.0	0.741549	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

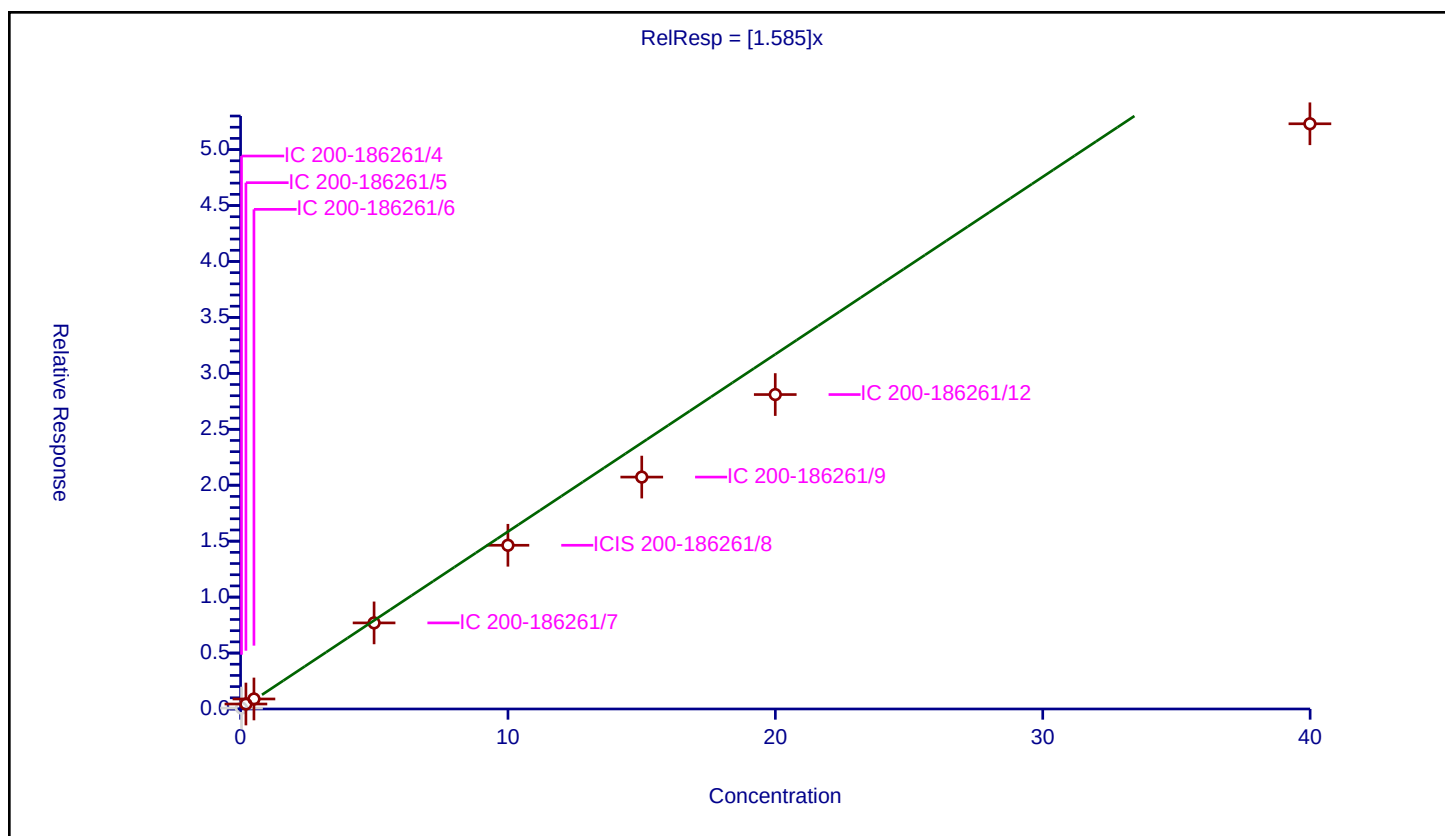
Curve Coefficients

Intercept: 0
Slope: 1.585

Error Coefficients

Standard Error: 856000
Relative Standard Error: 20.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.941

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.082189	10.0	285317.0	2.343114	N
2	IC 200-186261/5	0.20044	0.443331	10.0	271941.0	2.211795	Y
3	IC 200-186261/6	0.500453	0.893869	10.0	298366.0	1.78612	Y
4	IC 200-186261/7	4.992563	7.695623	10.0	304846.0	1.541417	Y
5	ICIS 200-186261/8	9.99806	14.632732	10.0	310128.0	1.463557	Y
6	IC 200-186261/9	15.003557	20.727868	10.0	323259.0	1.38153	Y
7	IC 200-186261/12	19.99612	28.105133	10.0	316571.0	1.405529	Y
8	IC 200-186261/13	39.99224	52.30564	10.0	325324.0	1.307895	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

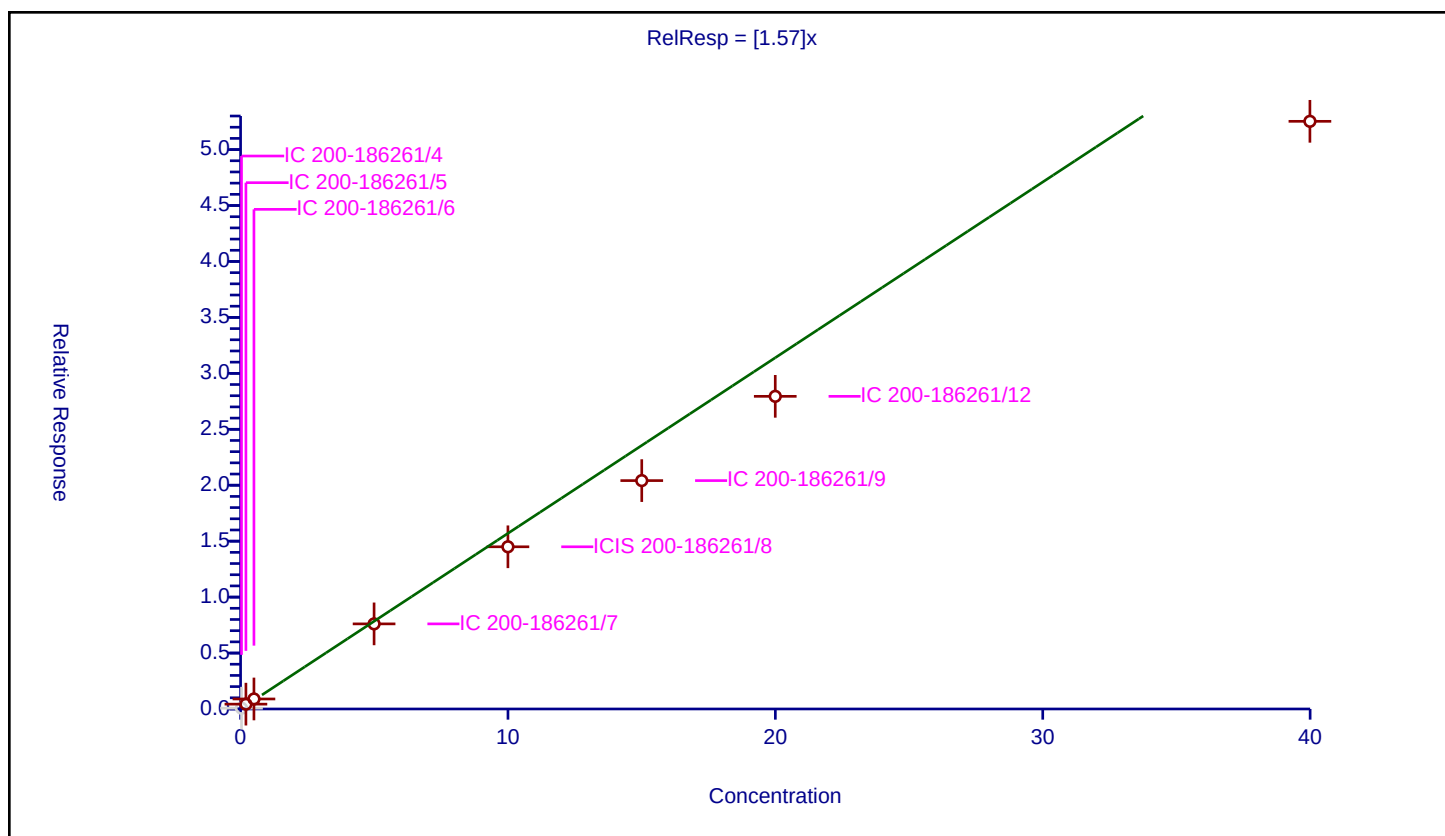
Curve Coefficients

Intercept: 0
Slope: 1.57

Error Coefficients

Standard Error: 856000
Relative Standard Error: 19.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.946

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.07185	10.0	285317.0	2.048352	N
2	IC 200-186261/5	0.20044	0.431969	10.0	271941.0	2.155106	Y
3	IC 200-186261/6	0.500453	0.895578	10.0	298366.0	1.789536	Y
4	IC 200-186261/7	4.992563	7.607349	10.0	304846.0	1.523736	Y
5	ICIS 200-186261/8	9.99806	14.497627	10.0	310128.0	1.450044	Y
6	IC 200-186261/9	15.003557	20.413755	10.0	323259.0	1.360594	Y
7	IC 200-186261/12	19.99612	27.945706	10.0	316571.0	1.397556	Y
8	IC 200-186261/13	39.99224	52.526589	10.0	325324.0	1.31342	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

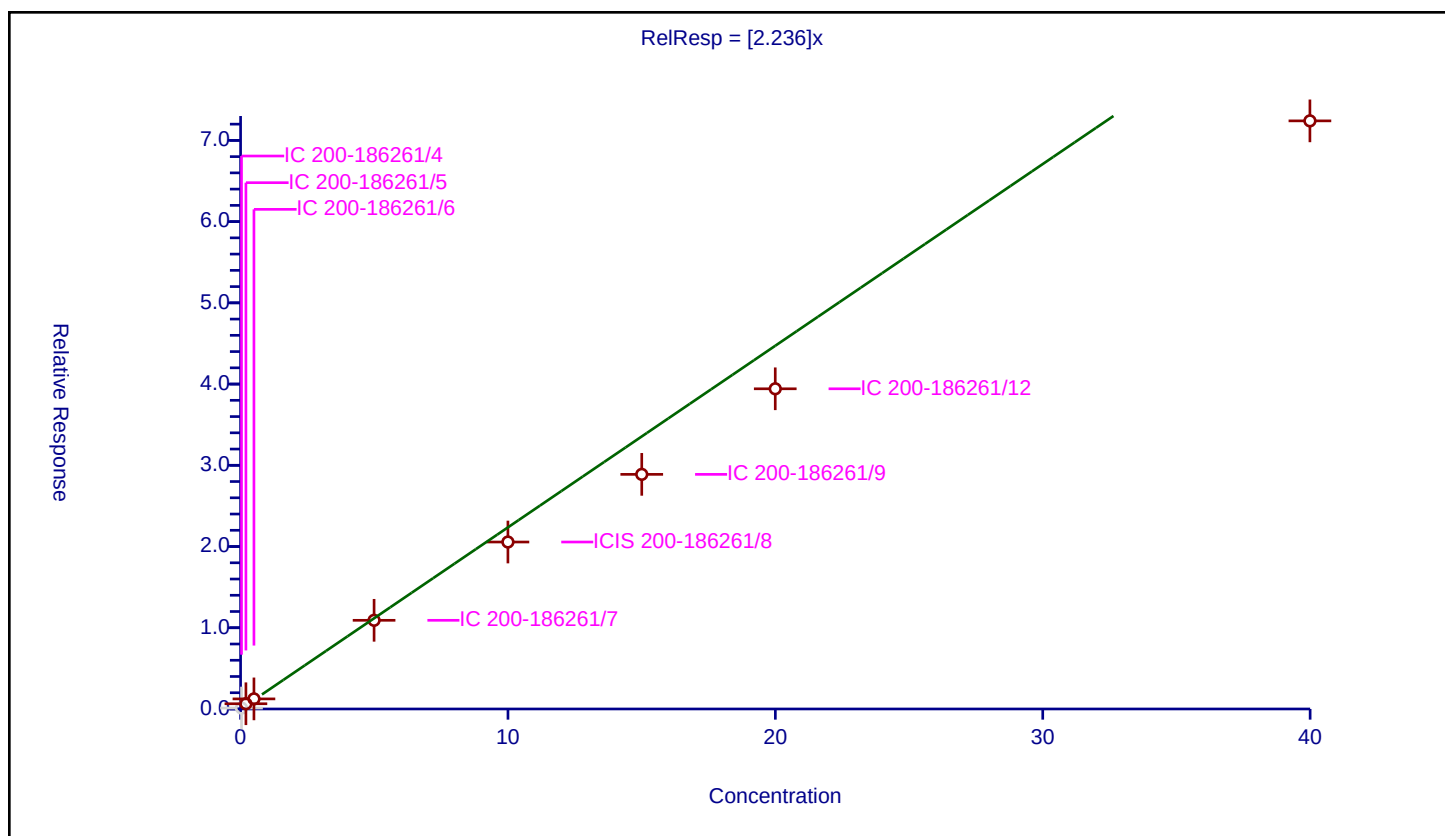
Curve Coefficients

Intercept: 0
Slope: 2.236

Error Coefficients

Standard Error: 1190000
Relative Standard Error: 21.7
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.929

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.11517	10.0	285317.0	3.283358	N
2	IC 200-186261/5	0.20044	0.645287	10.0	271941.0	3.219358	Y
3	IC 200-186261/6	0.500453	1.243372	10.0	298366.0	2.484496	Y
4	IC 200-186261/7	4.992563	10.916299	10.0	304846.0	2.186512	Y
5	ICIS 200-186261/8	9.99806	20.556415	10.0	310128.0	2.05604	Y
6	IC 200-186261/9	15.003557	28.884207	10.0	323259.0	1.925157	Y
7	IC 200-186261/12	19.99612	39.419214	10.0	316571.0	1.971343	Y
8	IC 200-186261/13	39.99224	72.402005	10.0	325324.0	1.810401	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

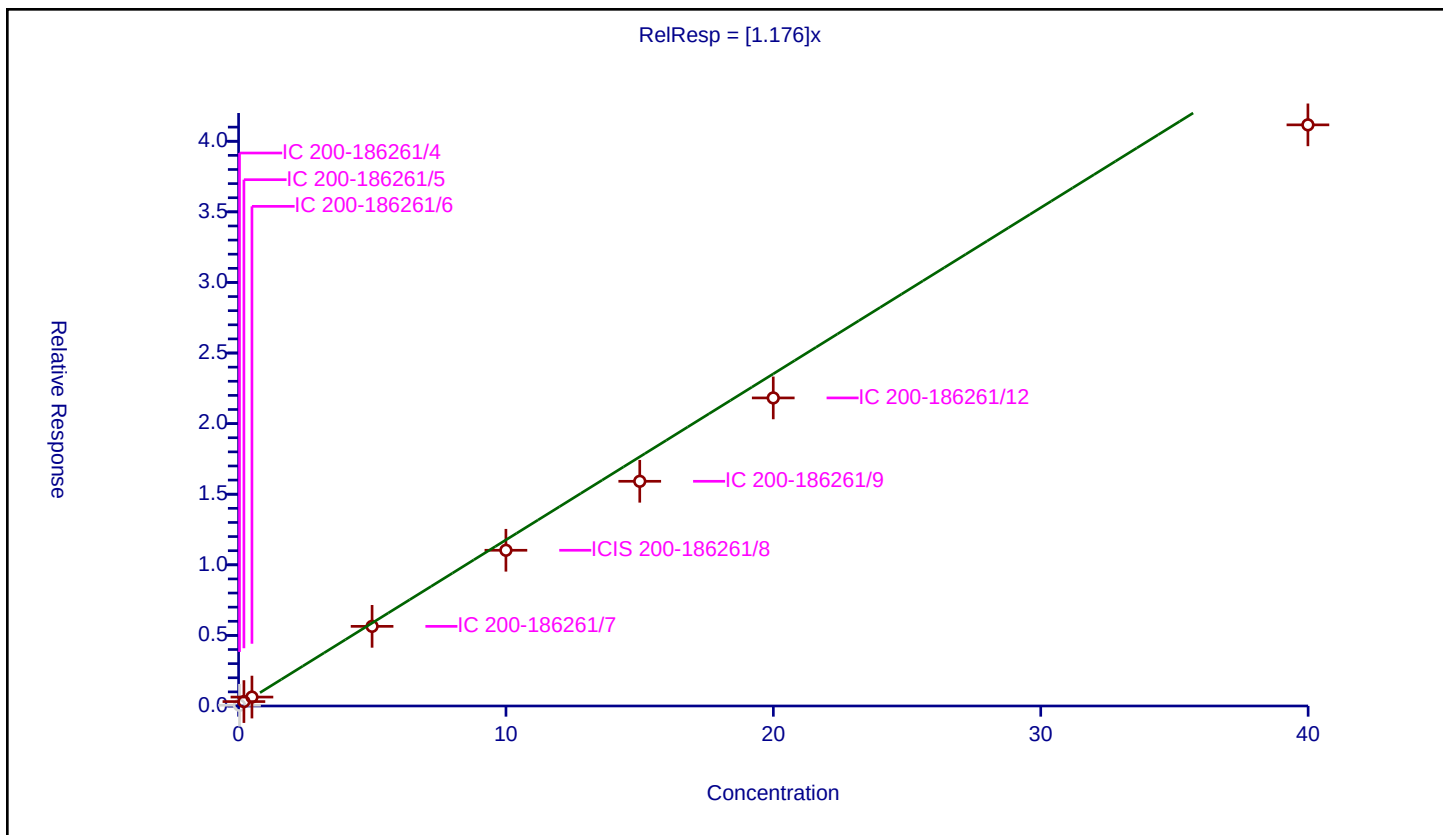
Curve Coefficients

Intercept: 0
 Slope: 1.176

Error Coefficients

Standard Error: 669000
 Relative Standard Error: 15.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.052117	10.0	285317.0	1.485804	N
2	IC 200-186261/5	0.20044	0.312127	10.0	271941.0	1.557209	Y
3	IC 200-186261/6	0.500453	0.632512	10.0	298366.0	1.263879	Y
4	IC 200-186261/7	4.992563	5.640192	10.0	304846.0	1.129719	Y
5	ICIS 200-186261/8	9.99806	11.029543	10.0	310128.0	1.103168	Y
6	IC 200-186261/9	15.003557	15.916556	10.0	323259.0	1.060852	Y
7	IC 200-186261/12	19.99612	21.819276	10.0	316571.0	1.091175	Y
8	IC 200-186261/13	39.99224	41.161458	10.0	325324.0	1.029236	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

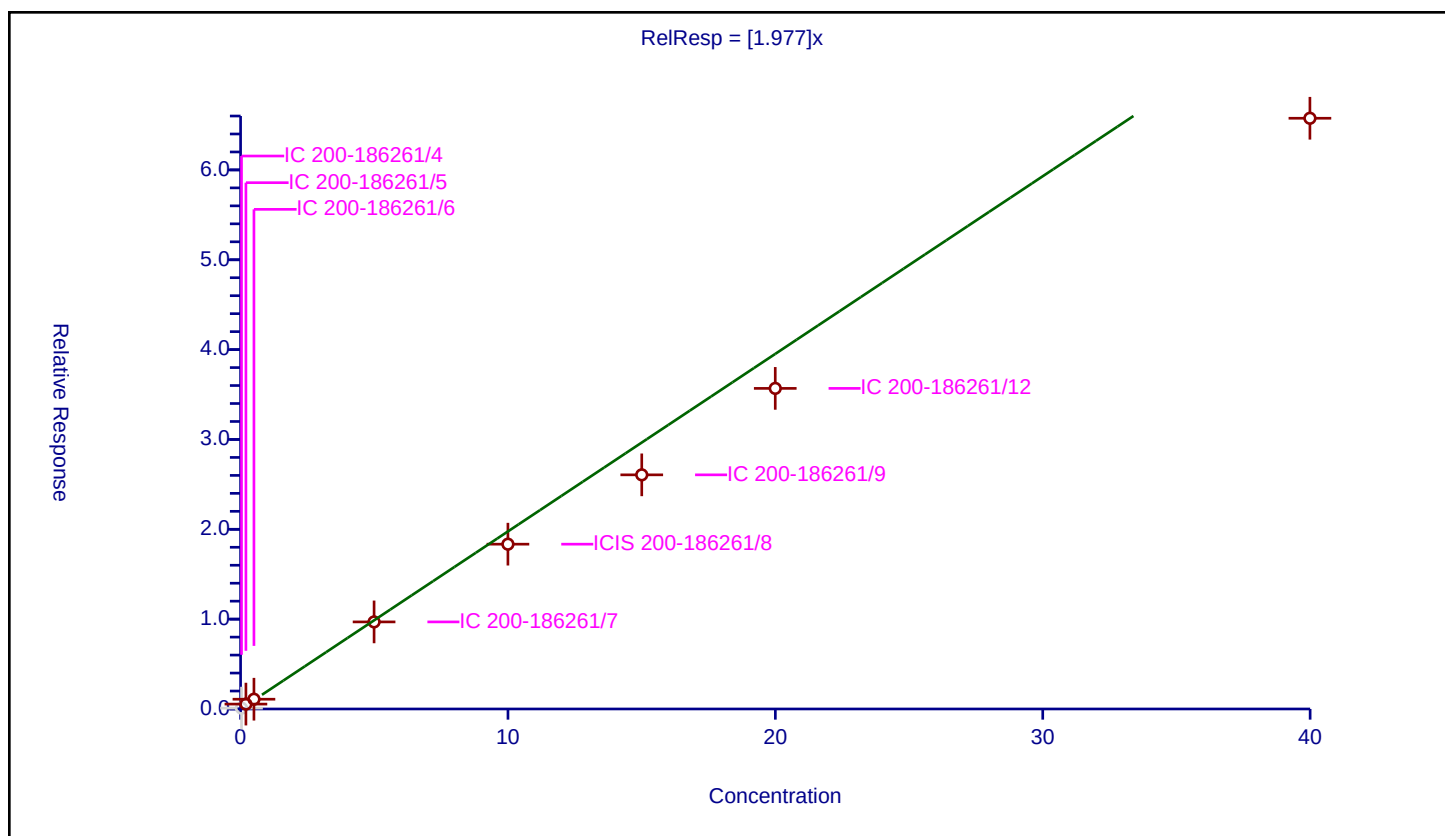
Curve Coefficients

Intercept: 0
Slope: 1.977

Error Coefficients

Standard Error: 1080000
Relative Standard Error: 18.7
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.949

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.095333	10.0	285317.0	2.717813	N
2	IC 200-186261/5	0.20044	0.545118	10.0	271941.0	2.719613	Y
3	IC 200-186261/6	0.500453	1.088127	10.0	298366.0	2.174285	Y
4	IC 200-186261/7	4.992563	9.69109	10.0	304846.0	1.941105	Y
5	ICIS 200-186261/8	9.99806	18.345135	10.0	310128.0	1.834869	Y
6	IC 200-186261/9	15.003557	26.061548	10.0	323259.0	1.737025	Y
7	IC 200-186261/12	19.99612	35.685044	10.0	316571.0	1.784598	Y
8	IC 200-186261/13	39.99224	65.750944	10.0	325324.0	1.644093	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

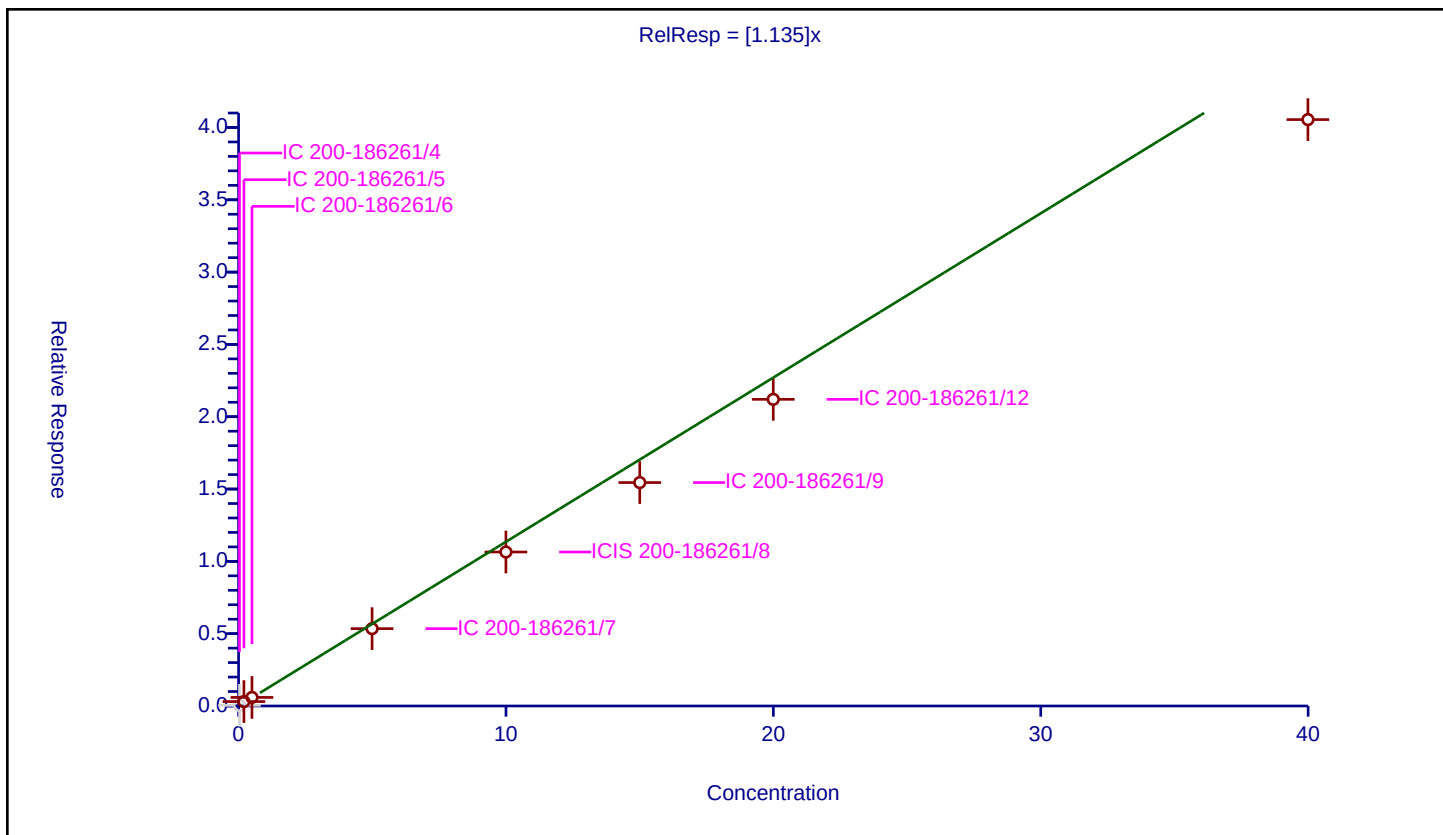
Curve Coefficients

Intercept: 0
 Slope: 1.135

Error Coefficients

Standard Error: 655000
 Relative Standard Error: 15.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.044547	10.0	285317.0	1.269978	N
2	IC 200-186261/5	0.20044	0.305655	10.0	271941.0	1.52492	Y
3	IC 200-186261/6	0.500453	0.592226	10.0	298366.0	1.18338	Y
4	IC 200-186261/7	4.992563	5.347782	10.0	304846.0	1.07115	Y
5	ICIS 200-186261/8	9.99806	10.647733	10.0	310128.0	1.06498	Y
6	IC 200-186261/9	15.003557	15.448201	10.0	323259.0	1.029636	Y
7	IC 200-186261/12	19.99612	21.202669	10.0	316571.0	1.060339	Y
8	IC 200-186261/13	39.99224	40.54521	10.0	325324.0	1.013827	Y



Calibration

/ Benzyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

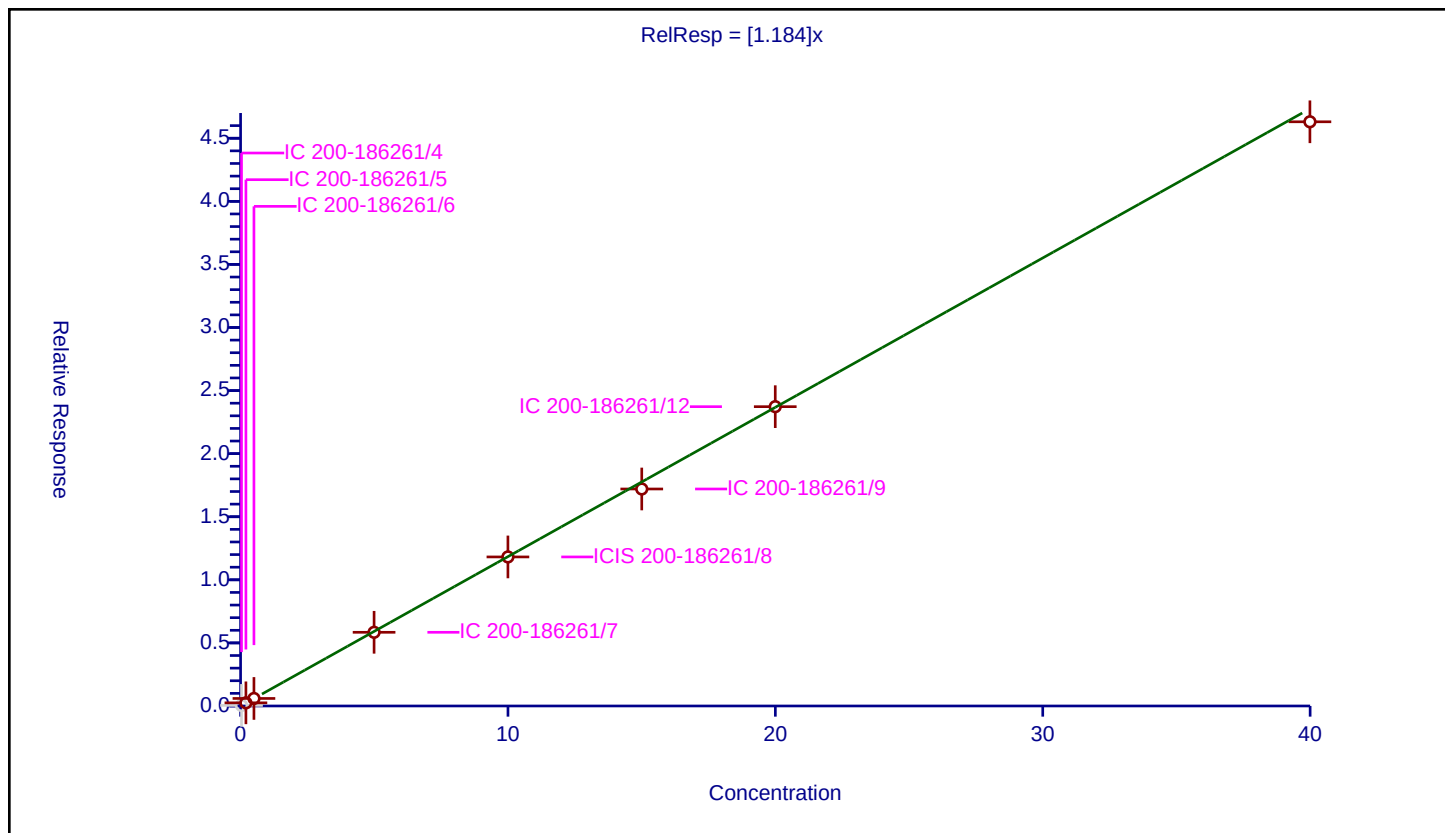
Curve Coefficients

Intercept: 0
 Slope: 1.184

Error Coefficients

Standard Error: 743000
 Relative Standard Error: 2.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.045809	10.0	285317.0	1.305949	N
2	IC 200-186261/5	0.20044	0.250826	10.0	271941.0	1.251381	Y
3	IC 200-186261/6	0.500453	0.596784	10.0	298366.0	1.192488	Y
4	IC 200-186261/7	4.992563	5.84049	10.0	304846.0	1.169838	Y
5	ICIS 200-186261/8	9.99806	11.813316	10.0	310128.0	1.181561	Y
6	IC 200-186261/9	15.003557	17.200635	10.0	323259.0	1.146437	Y
7	IC 200-186261/12	19.99612	23.723904	10.0	316571.0	1.186425	Y
8	IC 200-186261/13	39.99224	46.30513	10.0	325324.0	1.157853	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

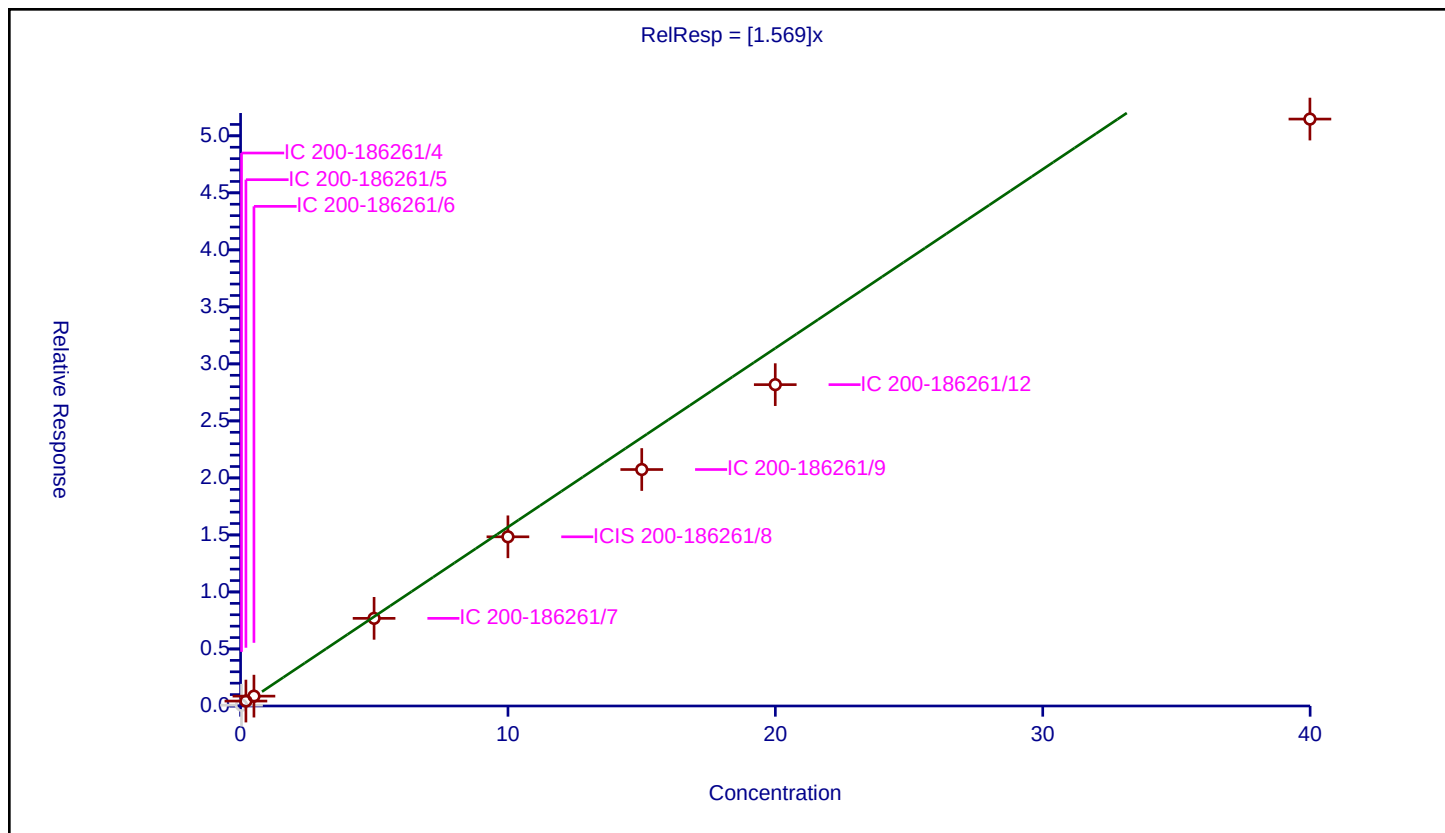
Curve Coefficients

Intercept: 0
Slope: 1.569

Error Coefficients

Standard Error: 848000
Relative Standard Error: 18.7
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.949

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.068625	10.0	285317.0	1.956426	N
2	IC 200-186261/5	0.20044	0.431785	10.0	271941.0	2.154189	Y
3	IC 200-186261/6	0.500453	0.863939	10.0	298366.0	1.726315	Y
4	IC 200-186261/7	4.992563	7.685979	10.0	304846.0	1.539486	Y
5	ICIS 200-186261/8	9.99806	14.837196	10.0	310128.0	1.484008	Y
6	IC 200-186261/9	15.003557	20.736406	10.0	323259.0	1.382099	Y
7	IC 200-186261/12	19.99612	28.179271	10.0	316571.0	1.409237	Y
8	IC 200-186261/13	39.99224	51.46955	10.0	325324.0	1.286988	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

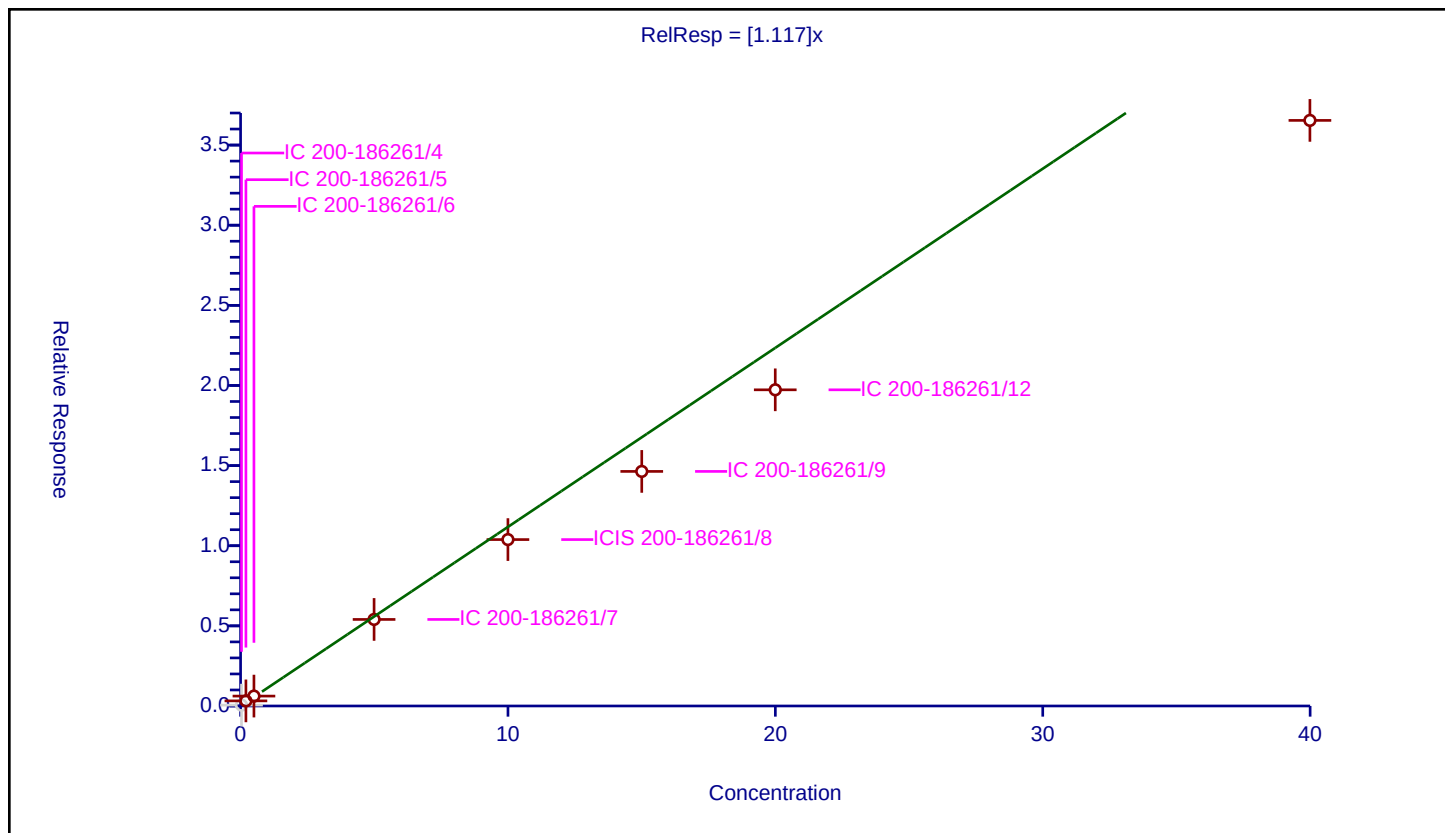
Curve Coefficients

Intercept: 0
 Slope: 1.117

Error Coefficients

Standard Error: 600000
 Relative Standard Error: 20.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.935

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.053625	10.0	285317.0	1.52877	N
2	IC 200-186261/5	0.20044	0.31904	10.0	271941.0	1.5917	Y
3	IC 200-186261/6	0.500453	0.617731	10.0	298366.0	1.234345	Y
4	IC 200-186261/7	4.992563	5.400432	10.0	304846.0	1.081695	Y
5	ICIS 200-186261/8	9.99806	10.384099	10.0	310128.0	1.038611	Y
6	IC 200-186261/9	15.003557	14.636932	10.0	323259.0	0.975564	Y
7	IC 200-186261/12	19.99612	19.728402	10.0	316571.0	0.986612	Y
8	IC 200-186261/13	39.99224	36.538897	10.0	325324.0	0.91365	Y



Calibration

/ Undecane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

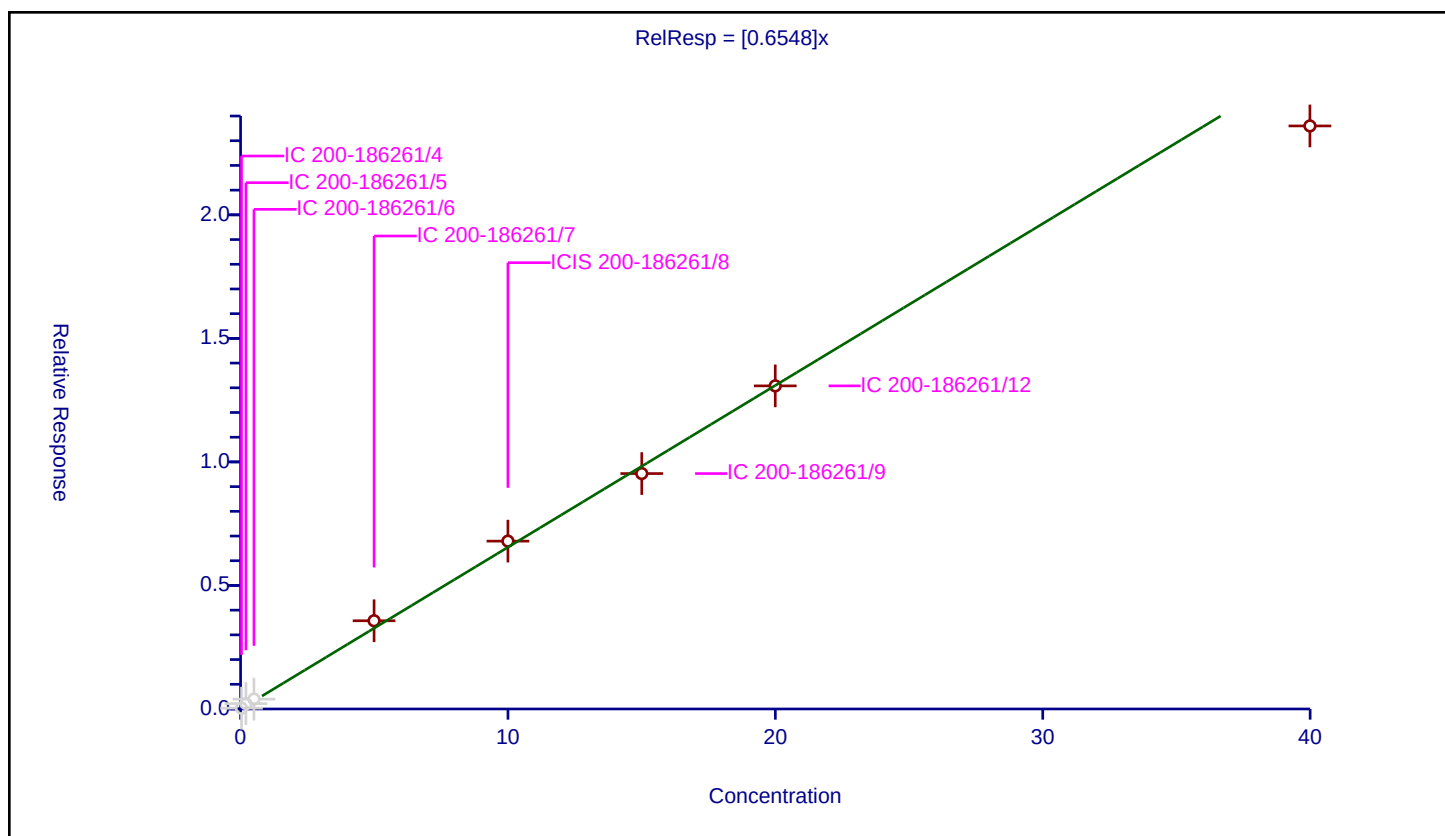
Curve Coefficients

Intercept: 0
Slope: 0.6548

Error Coefficients

Standard Error: 477000
Relative Standard Error: 7.2
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.0327	10.0	285317.0	0.93225	N
2	IC 200-186261/5	0.20044	0.218467	10.0	271941.0	1.089936	N
3	IC 200-186261/6	0.500453	0.398906	10.0	298366.0	0.797091	N
4	IC 200-186261/7	4.992563	3.571049	10.0	304846.0	0.715274	Y
5	ICIS 200-186261/8	9.99806	6.793937	10.0	310128.0	0.679526	Y
6	IC 200-186261/9	15.003557	9.528149	10.0	323259.0	0.635059	Y
7	IC 200-186261/12	19.99612	13.076877	10.0	316571.0	0.653971	Y
8	IC 200-186261/13	39.99224	23.598597	10.0	325324.0	0.590079	Y



Calibration

/ Dodecane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

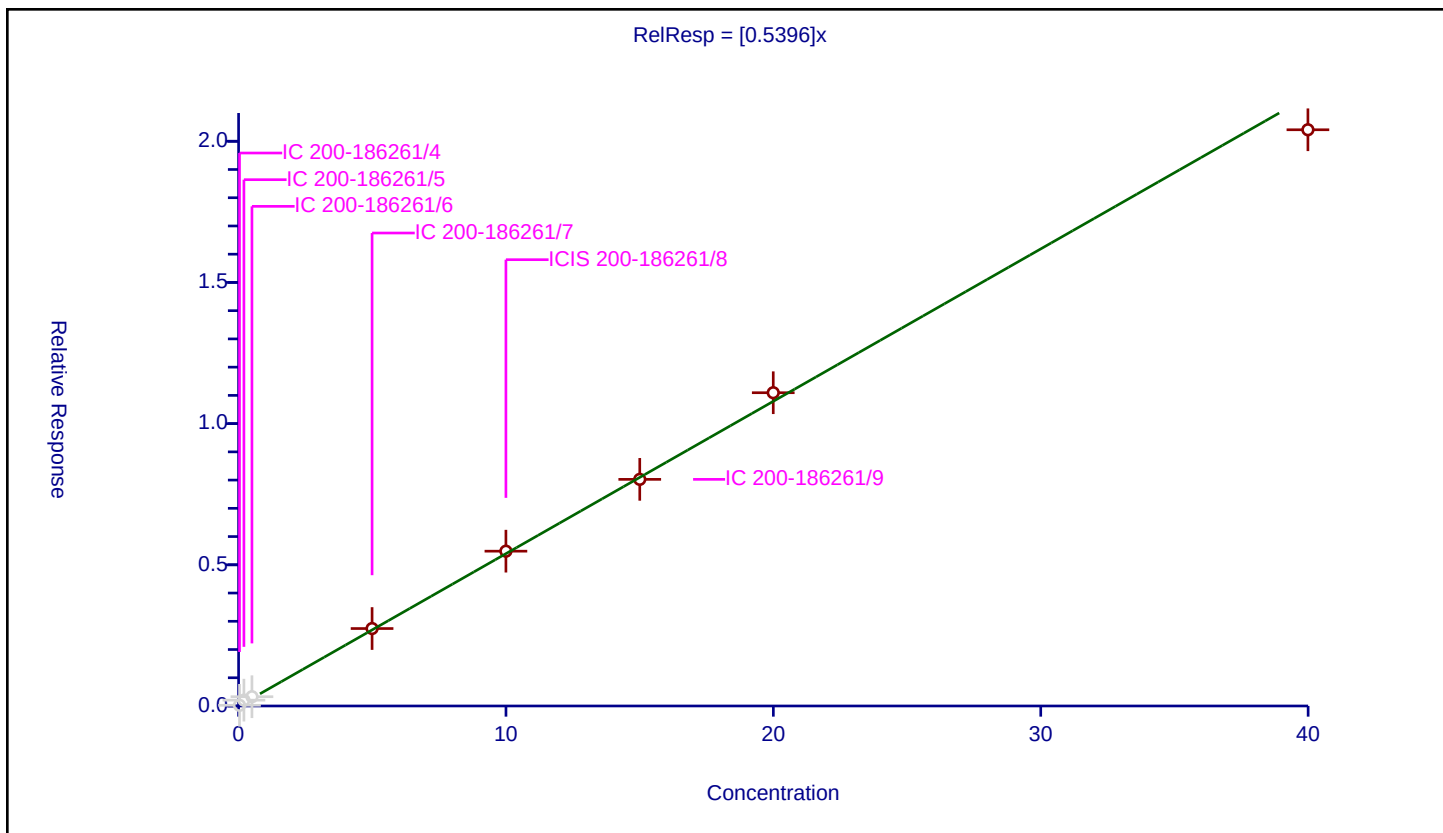
Curve Coefficients

Intercept: 0
 Slope: 0.5396

Error Coefficients

Standard Error: 408000
 Relative Standard Error: 3.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.024008	10.0	285317.0	0.684449	N
2	IC 200-186261/5	0.20044	0.20681	10.0	271941.0	1.03178	N
3	IC 200-186261/6	0.500453	0.328255	10.0	298366.0	0.655915	N
4	IC 200-186261/7	4.992563	2.743352	10.0	304846.0	0.549488	Y
5	ICIS 200-186261/8	9.99806	5.482639	10.0	310128.0	0.54837	Y
6	IC 200-186261/9	15.003557	8.025886	10.0	323259.0	0.534932	Y
7	IC 200-186261/12	19.99612	11.094541	10.0	316571.0	0.554835	Y
8	IC 200-186261/13	39.99224	20.407071	10.0	325324.0	0.510276	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

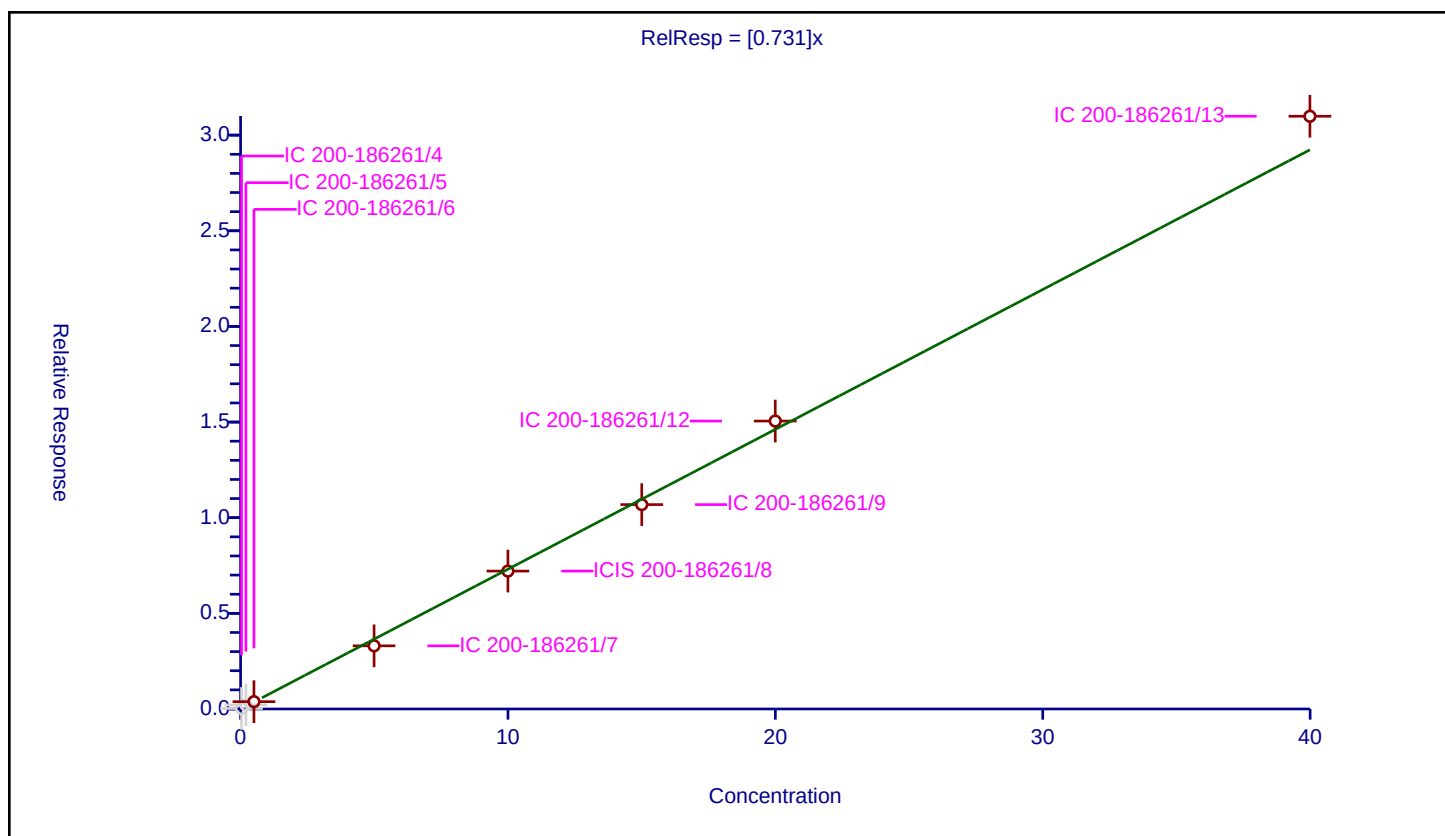
Curve Coefficients

Intercept: 0
 Slope: 0.731

Error Coefficients

Standard Error: 533000
 Relative Standard Error: 5.7
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.027513	10.0	285317.0	0.784369	N
2	IC 200-186261/5	0.20044	0.214973	10.0	271941.0	1.072508	N
3	IC 200-186261/6	0.500453	0.382148	10.0	298366.0	0.763605	Y
4	IC 200-186261/7	4.992563	3.301405	10.0	304846.0	0.661265	Y
5	ICIS 200-186261/8	9.99806	7.209507	10.0	310128.0	0.721091	Y
6	IC 200-186261/9	15.003557	10.684807	10.0	323259.0	0.712152	Y
7	IC 200-186261/12	19.99612	15.053464	10.0	316571.0	0.752819	Y
8	IC 200-186261/13	39.99224	30.987477	10.0	325324.0	0.774837	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

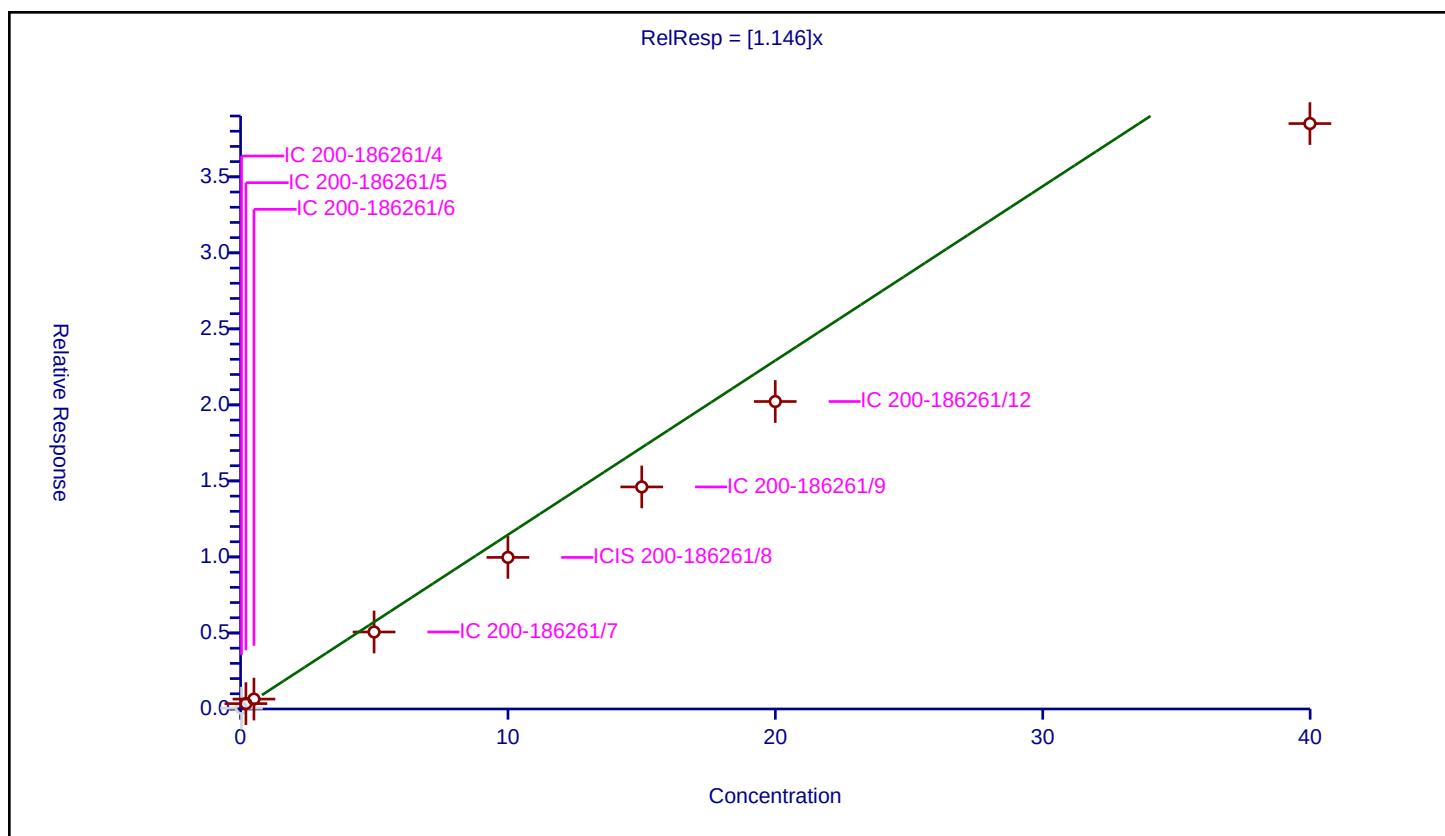
Curve Coefficients

Intercept: 0
Slope: 1.146

Error Coefficients

Standard Error: 622000
Relative Standard Error: 25.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.892

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.052363	10.0	285317.0	1.492799	N
2	IC 200-186261/5	0.20044	0.353238	10.0	271941.0	1.762318	Y
3	IC 200-186261/6	0.500453	0.651013	10.0	298366.0	1.300848	Y
4	IC 200-186261/7	4.992563	5.06436	10.0	304846.0	1.014381	Y
5	ICIS 200-186261/8	9.99806	9.969496	10.0	310128.0	0.997143	Y
6	IC 200-186261/9	15.003557	14.605162	10.0	323259.0	0.973447	Y
7	IC 200-186261/12	19.99612	20.222636	10.0	316571.0	1.011328	Y
8	IC 200-186261/13	39.99224	38.503185	10.0	325324.0	0.962766	Y



Calibration

/ Naphthalene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

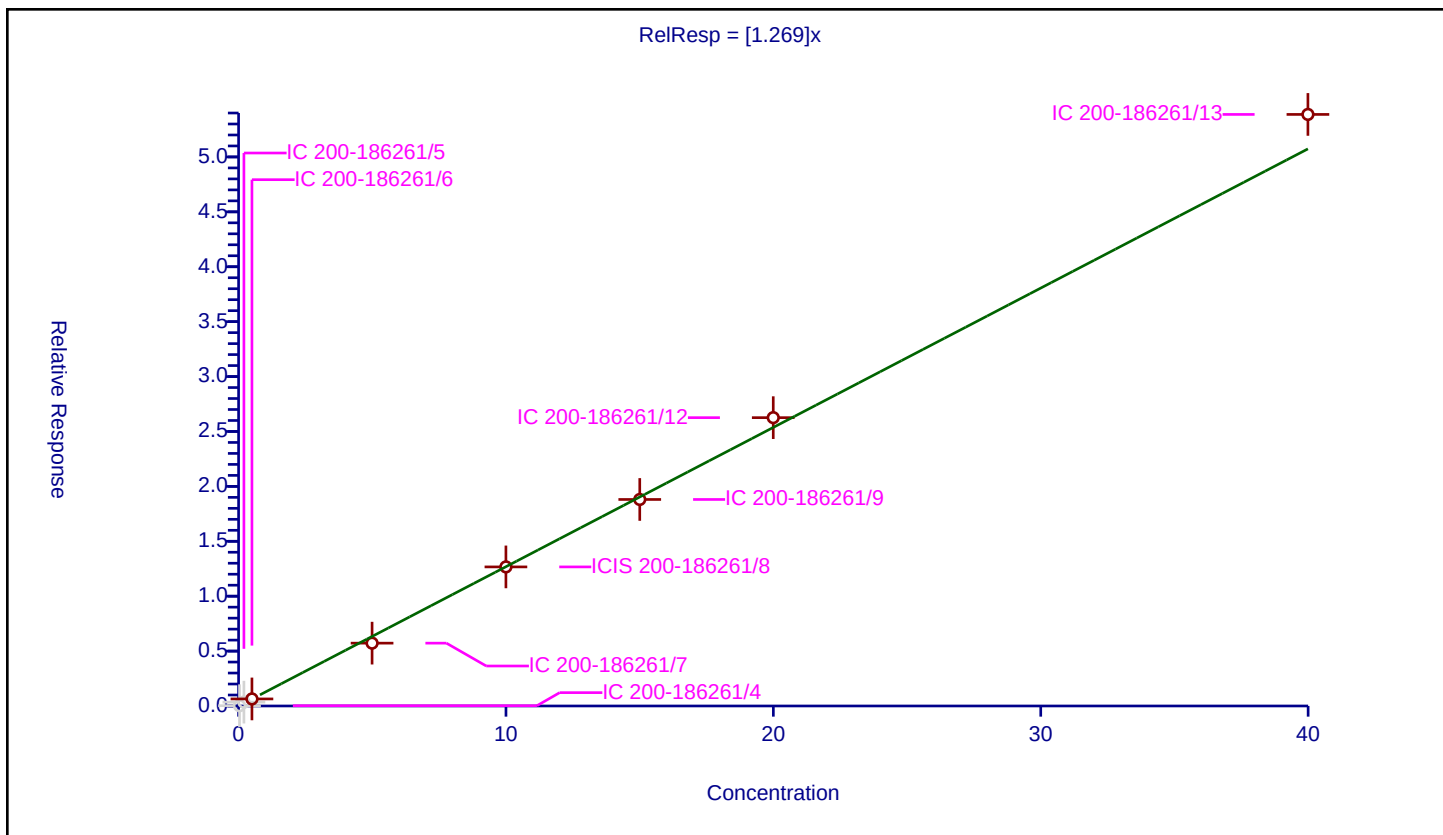
Curve Coefficients

Intercept: 0
 Slope: 1.269

Error Coefficients

Standard Error: 929000
 Relative Standard Error: 5.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.025621	10.0	285317.0	0.730412	N
2	IC 200-186261/5	0.20044	0.350002	10.0	271941.0	1.746173	N
3	IC 200-186261/6	0.500453	0.642868	10.0	298366.0	1.284574	Y
4	IC 200-186261/7	4.992563	5.722758	10.0	304846.0	1.146257	Y
5	ICIS 200-186261/8	9.99806	12.665931	10.0	310128.0	1.266839	Y
6	IC 200-186261/9	15.003557	18.806499	10.0	323259.0	1.253469	Y
7	IC 200-186261/12	19.99612	26.258122	10.0	316571.0	1.313161	Y
8	IC 200-186261/13	39.99224	53.872109	10.0	325324.0	1.347064	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

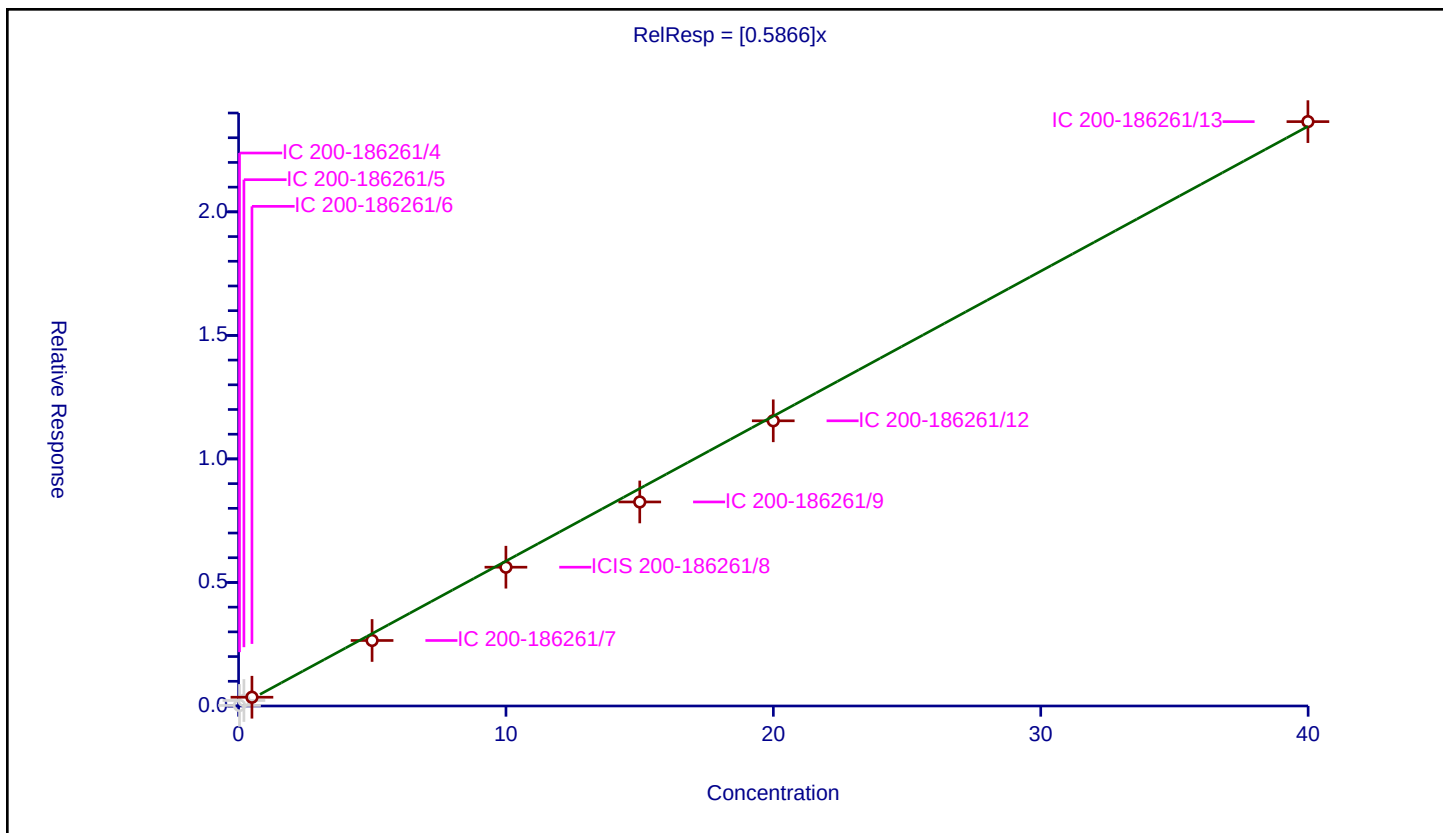
Curve Coefficients

Intercept: 0
 Slope: 0.5866

Error Coefficients

Standard Error: 408000
 Relative Standard Error: 10.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-186261/4	0.035077	0.02138	10.0	285317.0	0.609509	N
2	IC 200-186261/5	0.20044	0.222217	10.0	271941.0	1.108649	N
3	IC 200-186261/6	0.500453	0.354095	10.0	298366.0	0.70755	Y
4	IC 200-186261/7	4.992563	2.651831	10.0	304846.0	0.531156	Y
5	ICIS 200-186261/8	9.99806	5.617294	10.0	310128.0	0.561838	Y
6	IC 200-186261/9	15.003557	8.257929	10.0	323259.0	0.550398	Y
7	IC 200-186261/12	19.99612	11.542592	10.0	316571.0	0.577242	Y
8	IC 200-186261/13	39.99224	23.651222	10.0	325324.0	0.591395	Y



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Lab Sample ID: ICV 200-186003/17 Calibration Date: 11/22/2022 04:11

Instrument ID: CHG.i Calib Start Date: 11/21/2022 16:41

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/22/2022 00:38

Lab File ID: 200-53415-017.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.5144	0.5456		10.6	10.0	6.1	30.0
Dichlorodifluoromethane	Ave	3.251	3.572		11.0	10.0	9.9	30.0
Chlorodifluoromethane	Ave	1.361	1.510		11.1	10.0	10.9	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.856	3.145		11.0	10.0	10.1	30.0
Chloromethane	Ave	0.6109	0.6825		11.2	10.0	11.7	30.0
Vinyl chloride	Ave	0.8109	0.8535		10.5	10.0	5.2	30.0
n-Butane	Ave	0.8628	0.9198		10.7	10.0	6.6	30.0
1,3-Butadiene	Ave	0.4771	0.5660		11.9	10.0	18.6	30.0
Bromomethane	Ave	1.021	1.119		11.0	10.0	9.6	30.0
Chloroethane	Ave	0.2806	0.3034		10.8	10.0	8.1	30.0
Isopentane	Ave	0.5724	0.5735		10.0	10.0	0.2	30.0
Bromoethene (Vinyl Bromide)	Ave	1.039	1.119		10.8	10.0	7.6	30.0
Trichlorofluoromethane	Ave	3.056	3.221		10.5	10.0	5.4	30.0
n-Pentane	Ave	0.8230	0.8542		10.4	10.0	3.8	30.0
Ethanol	Ave	0.2315	0.2360		15.0	14.7	1.9	30.0
Ethyl ether	Ave	0.3209	0.3112		9.70	10.0	-3.0	30.0
Acrolein	Ave	0.1414	0.1315		9.30	10.0	-7.0	30.0
1,1-Dichloroethene	Ave	0.9225	0.9904		10.7	10.0	7.4	30.0
1,1,2-Trichlorotrifluoroethane	Ave	1.991	2.083		10.5	10.0	4.6	30.0
Acetone	Ave	0.7558	0.7380		9.76	10.0	-2.4	30.0
Isopropyl alcohol	Ave	0.9019	0.9866		10.9	10.0	9.4	30.0
Carbon disulfide	Ave	2.237	2.375		10.6	10.0	6.2	30.0
Acetonitrile	Ave	0.2675	0.2502		9.35	10.0	-6.5	30.0
3-Chloropropene	Ave	0.7008	0.6818		9.73	10.0	-2.7	30.0
Methylene Chloride	Ave	0.7488	0.7727		10.3	10.0	3.2	30.0
tert-Butyl alcohol	Ave	1.252	1.380		11.0	10.0	10.2	30.0
Acrylonitrile	Ave	0.2898	0.2817		9.72	10.0	-2.8	30.0
trans-1,2-Dichloroethene	Ave	1.049	1.133		10.8	10.0	8.0	30.0
Methyl tert-butyl ether	Ave	1.761	1.772		10.1	10.0	0.6	30.0
n-Hexane	Ave	0.7937	0.8148		10.3	10.0	2.7	30.0
1,1-Dichloroethane	Ave	1.173	1.196		10.2	10.0	1.9	30.0
Vinyl acetate	Ave	1.170	1.143		9.76	10.0	-2.3	30.0
Methyl Ethyl Ketone	Ave	0.2641	0.2763		10.5	10.0	4.6	30.0
cis-1,2-Dichloroethene	Ave	0.8306	0.9164		11.0	10.0	10.3	30.0
Ethyl acetate	Ave	0.0425	0.0438		10.3	10.0	3.1	30.0
Tetrahydrofuran	Ave	0.1067	0.1185		11.1	10.0	11.1	30.0
Chloroform	Ave	2.110	2.081		9.86	10.0	-1.4	30.0
1,1,1-Trichloroethane	Ave	0.5352	0.5880		11.0	10.0	9.9	30.0
Cyclohexane	Ave	0.2224	0.2431		10.9	10.0	9.3	30.0
Carbon tetrachloride	Ave	0.5658	0.6854		12.1	10.0	21.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Lab Sample ID: ICV 200-186003/17 Calibration Date: 11/22/2022 04:11
 Instrument ID: CHG.i Calib Start Date: 11/21/2022 16:41
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/22/2022 00:38
 Lab File ID: 200-53415-017.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.5443	0.5444		10.0	10.0	0.0	30.0
1,2-Dichloroethane	Ave	0.2693	0.2765		10.3	10.0	2.7	30.0
2,2,4-Trimethylpentane	Ave	0.7428	0.7814		10.5	10.0	5.2	30.0
n-Heptane	Ave	0.2704	0.2790		10.3	10.0	3.2	30.0
n-Butanol	Ave	0.1090	0.1313		12.0	10.0	20.4	30.0
Trichloroethene	Ave	0.3944	0.4219		10.7	10.0	7.0	30.0
1,2-Dichloropropane	Ave	0.1845	0.1936		10.5	10.0	4.9	30.0
Methyl methacrylate	Ave	0.1602	0.1820		11.4	10.0	13.6	30.0
Dibromomethane	Ave	0.4842	0.4960		10.2	10.0	2.4	30.0
1,4-Dioxane	Ave	0.1226	0.1453		11.9	10.0	18.5	30.0
Bromodichloromethane	Ave	0.5593	0.5720		10.2	10.0	2.3	30.0
cis-1,3-Dichloropropene	Ave	0.3746	0.3968		10.6	10.0	5.9	30.0
methyl isobutyl ketone	Ave	0.3357	0.3884		11.6	10.0	15.7	30.0
Toluene	Ave	0.4536	0.4826		10.6	10.0	6.4	30.0
n-Octane	Ave	0.3717	0.3776		10.2	10.0	1.6	30.0
trans-1,3-Dichloropropene	Ave	0.3316	0.3583		10.8	10.0	8.0	30.0
1,1,2-Trichloroethane	Ave	0.2343	0.2505		10.7	10.0	6.9	30.0
Tetrachloroethene	Ave	0.6628	0.7089		10.7	10.0	7.0	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3317	0.3845		11.6	10.0	15.9	30.0
Dibromochloromethane	Ave	0.7190	0.7677		10.7	10.0	6.8	30.0
1,2-Dibromoethane	Ave	0.5106	0.5514		10.8	10.0	8.0	30.0
Chlorobenzene	Ave	0.7156	0.7673		10.7	10.0	7.2	30.0
Ethylbenzene	Ave	0.9945	1.035		10.4	10.0	4.0	30.0
m,p-Xylene	Ave	0.3937	0.4347		22.1	20.0	10.4	30.0
n-Nonane	Ave	0.3306	0.3543		10.7	10.0	7.1	30.0
Xylene, o-	Ave	0.4097	0.4261		10.4	10.0	4.0	30.0
Styrene	Ave	0.6074	0.6767		11.1	10.0	11.4	30.0
Bromoform	Ave	0.8525	0.9510		11.2	10.0	11.6	30.0
Cumene	Ave	1.077	1.178		10.9	10.0	9.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5974	0.6333		10.6	10.0	6.0	30.0
1,2,3-Trichloropropane	Ave	0.4542	0.4818		10.6	10.0	6.1	30.0
n-Propylbenzene	Ave	1.203	1.291		10.7	10.0	7.3	30.0
2-Chlorotoluene	Ave	0.8207	0.8606		10.5	10.0	4.9	30.0
4-Ethyltoluene	Ave	1.036	1.130		10.9	10.0	9.1	30.0
1,3,5-Trimethylbenzene	Ave	0.8813	0.9467		10.7	10.0	7.4	30.0
n-Decane	Ave	0.3481	0.3689		10.6	10.0	6.0	30.0
Alpha Methyl Styrene	Ave	0.4863	0.5331		11.0	10.0	9.6	30.0
tert-Butylbenzene	Ave	0.8545	0.9085		10.6	10.0	6.3	30.0
1,2,4-Trimethylbenzene	Ave	0.9135	0.9558		10.5	10.0	4.6	30.0
sec-Butylbenzene	Ave	1.232	1.289		10.5	10.0	4.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Lab Sample ID: ICV 200-186003/17 Calibration Date: 11/22/2022 04:11
 Instrument ID: CHG.i Calib Start Date: 11/21/2022 16:41
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/22/2022 00:38
 Lab File ID: 200-53415-017.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	0.8338	0.8773		10.5	10.0	5.2	30.0
4-Isopropyltoluene	Ave	1.067	1.127		10.6	10.0	5.6	30.0
1,4-Dichlorobenzene	Ave	0.8421	0.8869		10.5	10.0	5.3	30.0
Benzyl chloride	Ave	0.8848	0.9779		11.1	10.0	10.5	30.0
n-Butylbenzene	Ave	0.9097	0.9314		10.2	10.0	2.4	30.0
1,2-Dichlorobenzene	Ave	0.8206	0.8693		10.6	10.0	5.9	30.0
n-Undecane	Ave	0.3629	0.3630		10.0	10.0	0.0	30.0
n-Dodecane	Ave	0.2952	0.3185		10.8	10.0	7.9	30.0
1,2,4-Trichlorobenzene	Ave	0.7985	0.9080		11.4	10.0	13.7	30.0
Hexachlorobutadiene	Ave	0.7697	0.7811		10.1	10.0	1.5	30.0
Naphthalene	Ave	1.426	1.727		12.1	10.0	21.1	30.0
1,2,3-Trichlorobenzene	Ave	0.6830	0.8144		11.9	10.0	19.3	30.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-017.D
 Lims ID: icv
 Client ID:
 Sample Type: ICV
 Inject. Date: 22-Nov-2022 04:11:30 ALS Bottle#: 17 Worklist Smp#: 17
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053415-017
 Operator ID: vtp Instrument ID: CHG.i
 Sublist: chrom-TO15_MasterMethod_(v1)_G*sub16
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 22-Nov-2022 07:28:50 Calib Date: 22-Nov-2022 00:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1666

First Level Reviewer: BKZ7

Date: 22-Nov-2022 07:29:25

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	3.115	3.117	0.000	97	102072	10.0	10.6	
2 Dichlorodifluoromethane	85	3.174	3.176	0.000	100	668202	10.0	11.0	
3 Chlorodifluoromethane	51	3.201	3.203	0.000	98	282399	10.0	11.1	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.399	3.401	0.000	94	588397	10.0	11.0	
5 Chloromethane	50	3.484	3.481	0.005	99	127674	10.0	11.2	
6 Vinyl chloride	62	3.682	3.684	0.000	100	159663	10.0	10.5	
7 Butane	43	3.688	3.684	0.006	94	172065	10.0	10.7	
8 Butadiene	54	3.763	3.765	0.001	96	105890	10.0	11.9	
9 Bromomethane	94	4.266	4.268	0.001	98	209395	10.0	11.0	
10 Chloroethane	64	4.463	4.466	0.000	98	56761	10.0	10.8	
11 2-Methylbutane	43	4.619	4.621	0.001	86	107279	10.0	10.0	
12 Vinyl bromide	106	4.790	4.787	0.006	97	209265	10.0	10.8	
13 Trichlorofluoromethane	101	4.913	4.916	0.000	100	602634	10.0	10.5	
14 Pentane	43	5.079	5.081	0.001	96	159807	10.0	10.4	
15 Ethanol	45	5.218	5.221	0.000	96	64831	14.7	15.0	
16 Ethyl ether	59	5.426	5.429	0.000	95	58222	10.0	9.70	
17 Acrolein	56	5.640	5.638	0.005	98	24603	10.0	9.30	
18 1,1-Dichloroethene	96	5.817	5.820	0.000	97	185271	10.0	10.7	
20 BFB									
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	5.849	5.847	0.006	95	389726	10.0	10.5	
19 Acetone	43	5.892	5.890	0.006	99	138053	10.0	9.76	
22 Isopropyl alcohol	45	6.154	6.157	0.000	100	184571	10.0	10.9	
23 Carbon disulfide	76	6.197	6.200	0.001	100	444363	10.0	10.6	
24 Acetonitrile	41	6.357	6.361	0.000	97	46797	10.0	9.35	
25 3-Chloro-1-propene	41	6.454	6.457	0.001	96	127547	10.0	9.73	
26 Methylene Chloride	49	6.673	6.677	0.000	87	144549	10.0	10.3	
27 2-Methyl-2-propanol	59	6.892	6.901	-0.005	94	258239	10.0	11.0	
28 Acrylonitrile	53	7.069	7.067	0.006	96	52706	10.0	9.72	
29 trans-1,2-Dichloroethene	61	7.160	7.164	0.001	94	212013	10.0	10.8	
30 Methyl tert-butyl ether	73	7.176	7.180	0.000	94	331560	10.0	10.1	
31 Hexane	57	7.663	7.667	0.001	87	152426	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
32 1,1-Dichloroethane	63	7.914	7.913	0.006	99	223653	10.0	10.2	
33 Vinyl acetate	43	7.925	7.929	0.001	99	213809	10.0	9.76	
34 2-Butanone (MEK)	72	8.893	8.898	0.000	99	51698	10.0	10.5	
35 cis-1,2-Dichloroethene	96	8.898	8.903	0.000	88	171444	10.0	11.0	
36 Ethyl acetate	88	8.979	8.984	0.001	99	8196	10.0	10.3	
* 37 Chlorobromomethane	128	9.316	9.315	0.001	69	187111	10.0	10.0	
38 Tetrahydrofuran	42	9.391	9.385	0.006	81	95748	10.0	11.1	
39 Chloroform	83	9.498	9.508	-0.005	97	389393	10.0	9.86	
S 43 1,2-Dichloroethene, Total	61				0		20.0	21.8	
40 1,1,1-Trichloroethane	97	9.824	9.824	0.000	94	475113	10.0	11.0	
41 Cyclohexane	84	9.974	9.968	0.006	93	196441	10.0	10.9	
42 Carbon tetrachloride	117	10.118	10.118	0.000	98	553829	10.0	12.1	
44 Benzene	78	10.493	10.493	0.001	94	439833	10.0	10.0	
45 1,2-Dichloroethane	62	10.573	10.573	0.000	99	223412	10.0	10.3	
46 Isooctane	57	10.744	10.739	0.006	97	631379	10.0	10.5	
47 n-Heptane	43	11.081	11.086	-0.005	90	225460	10.0	10.3	
* 48 1,4-Difluorobenzene	114	11.311	11.311	0.000	92	808145	10.0	10.0	
49 n-Butanol	56	11.659	11.648	0.011	89	106078	10.0	12.0	
50 Trichloroethene	95	11.793	11.793	0.001	96	340868	10.0	10.7	
51 1,2-Dichloropropane	63	12.306	12.306	0.000	86	156430	10.0	10.5	
54 Methyl methacrylate	69	12.429	12.435	-0.005	95	147091	10.0	11.4	
53 Dibromomethane	174	12.477	12.477	0.000	88	400756	10.0	10.2	
55 1,4-Dioxane	88	12.483	12.477	0.006	55	117395	10.0	11.9	
A 57 GRO	1	12.565	(4.608-20.522)		0	78594267	649.9	0	
56 Dichlorobromomethane	83	12.825	12.825	0.000	98	462162	10.0	10.2	
58 cis-1,3-Dichloropropene	75	13.713	13.713	0.000	92	320640	10.0	10.6	
59 4-Methyl-2-pentanone (MIBK)	43	14.034	14.039	-0.005	95	313847	10.0	11.6	
A 62 TVOC as Toluene	92	14.301	(3.105-25.492)		0	121493919	899.8	0	
A 61 Toluene Range	92	14.414	(14.374-14.454)		0	1468927	NC	NC	
60 Toluene	92	14.414	14.414	0.000	95	384378	10.0	10.6	
63 n-Octane	43	14.703	14.698	0.006	87	305130	10.0	10.2	
A 64 C8 Range	1	14.703	(14.659-14.747)		0	1316603	NC	NC	
65 trans-1,3-Dichloropropene	75	14.869	14.869	0.001	97	289472	10.0	10.8	
66 1,1,2-Trichloroethane	83	15.270	15.270	0.000	95	199484	10.0	10.7	
67 Tetrachloroethene	166	15.473	15.478	-0.005	96	564625	10.0	10.7	
68 2-Hexanone	43	15.751	15.741	0.011	96	306241	10.0	11.6	
69 Chlorodibromomethane	129	16.051	16.051	0.000	97	611417	10.0	10.7	
70 Ethylene Dibromide	107	16.297	16.302	-0.005	99	439190	10.0	10.8	
* 71 Chlorobenzene-d5	117	17.276	17.276	0.000	82	796609	10.0	10.0	
72 Chlorobenzene	112	17.340	17.340	0.000	99	611113	10.0	10.7	
73 Ethylbenzene	91	17.549	17.549	0.000	97	824154	10.0	10.4	
74 m-Xylene & p-Xylene	106	17.832	17.832	0.000	0	692456	20.0	22.1	
75 n-Nonane	57	17.913	17.913	0.001	84	282144	10.0	10.7	
76 o-Xylene	106	18.640	18.646	-0.005	99	339345	10.0	10.4	
77 Styrene	104	18.678	18.678	0.001	97	538957	10.0	11.1	
78 Bromoform	173	19.041	19.047	-0.005	98	757420	10.0	11.2	
79 Isopropylbenzene	105	19.400	19.400	0.000	95	937832	10.0	10.9	
S 82 Xylenes, Total	106				0		30.0	32.5	
80 1,1,2,2-Tetrachloroethane	83	19.951	19.951	0.000	99	504420	10.0	10.6	
81 1,2,3-Trichloropropane	75	20.047	20.053	-0.005	97	383768	10.0	10.6	
83 N-Propylbenzene	91	20.159	20.165	-0.006	100	1028217	10.0	10.7	
84 2-Chlorotoluene	91	20.309	20.309	0.000	96	685449	10.0	10.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
85 4-Ethyltoluene	105	20.368	20.368	0.000	98	900075	10.0	10.9	
86 1,3,5-Trimethylbenzene	105	20.470	20.475	-0.005	94	753989	10.0	10.7	
87 n-Decane	57	20.513	20.513	0.001	94	293798	10.0	10.6	
88 Alpha Methyl Styrene	118	20.807	20.812	-0.005	92	424602	10.0	11.0	
89 tert-Butylbenzene	119	20.973	20.973	0.001	96	723544	10.0	10.6	
90 1,2,4-Trimethylbenzene	105	21.064	21.064	0.001	97	761271	10.0	10.5	
91 sec-Butylbenzene	105	21.310	21.310	0.001	99	1026921	10.0	10.5	
92 1,3-Dichlorobenzene	146	21.481	21.481	0.000	94	698751	10.0	10.5	
93 4-Isopropyltoluene	119	21.534	21.534	0.000	97	897484	10.0	10.6	
94 1,4-Dichlorobenzene	146	21.625	21.625	0.000	98	706341	10.0	10.5	
95 Benzyl chloride	91	21.780	21.781	0.000	100	778877	10.0	11.1	
97 n-Butylbenzene	91	22.096	22.102	-0.005	98	741824	10.0	10.2	
96 1,2-Dichlorobenzene	146	22.123	22.123	0.000	99	692393	10.0	10.6	
98 Undecane	57	22.262	22.262	0.000	93	289128	10.0	10.0	
99 Dodecane	57	23.861	23.862	0.000	98	253654	10.0	10.8	
100 1,2,4-Trichlorobenzene	180	24.589	24.589	0.000	93	723219	10.0	11.4	
101 Hexachlorobutadiene	225	24.840	24.841	0.000	94	622085	10.0	10.1	
102 Naphthalene	128	25.065	25.071	-0.005	99	1375839	10.0	12.1	
103 1,2,3-Trichlorobenzene	180	25.482	25.483	0.000	95	648668	10.0	11.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00848

Amount Added: 200.00

Units: mL

ATTO15GIS_00019

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 22-Nov-2022 07:29:25

Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-017.D

Injection Date: 22-Nov-2022 04:11:30

Instrument ID: CHG.i

Operator ID: vtp

Lims ID: icv

Worklist Smp#: 17

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

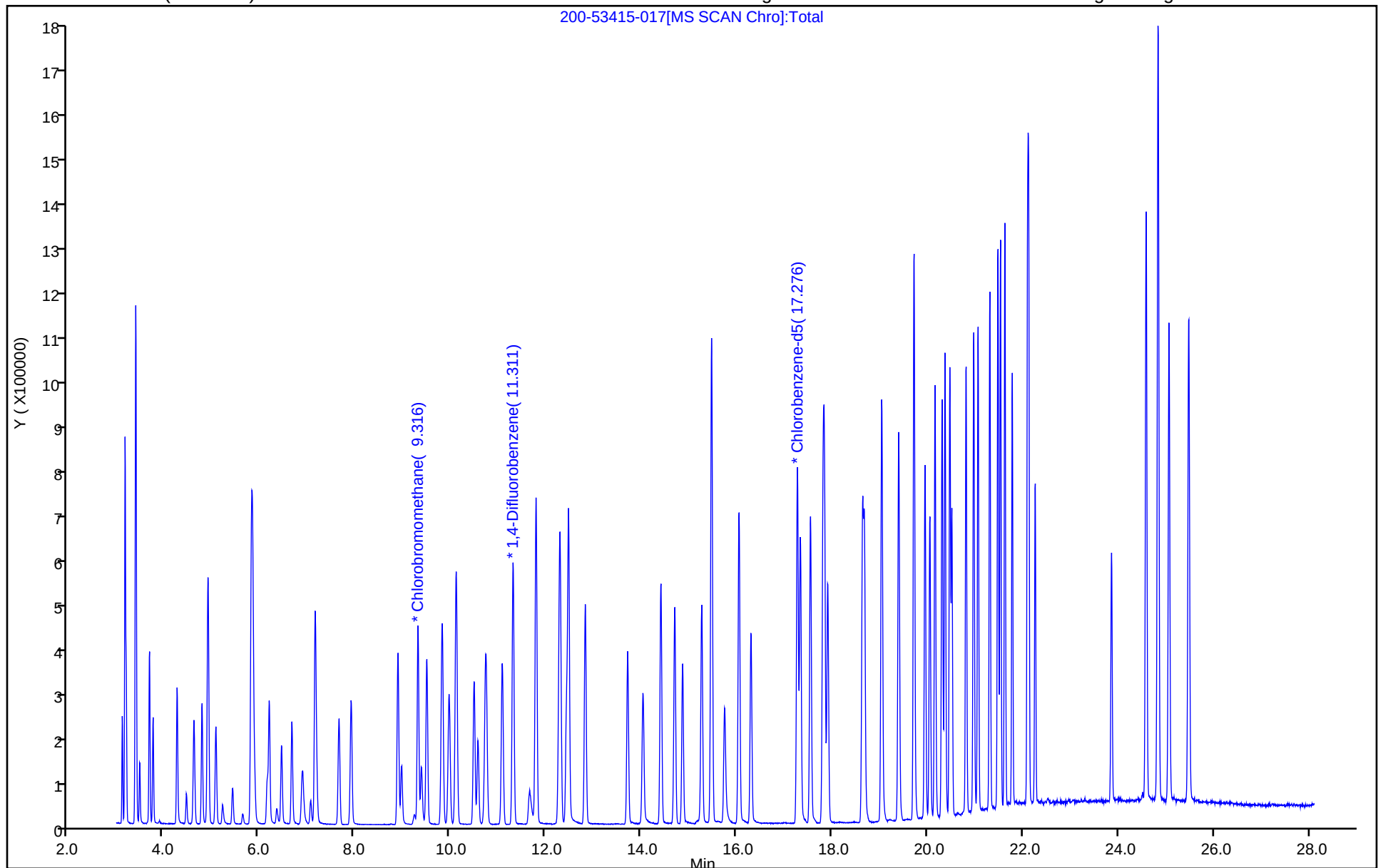
ALS Bottle#: 17

Method: TO15_MasterMethod_(v1)_G

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.: 200-65967-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-186329/4 Calibration Date: 12/05/2022 09:06
 Instrument ID: CHG.i Calib Start Date: 11/21/2022 16:41
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/22/2022 00:38
 Lab File ID: 200-53537-004.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	0.5144	0.5077		9.87	10.0	-1.3	30.0
Dichlorodifluoromethane	Ave	3.251	3.074		9.45	10.0	-5.5	30.0
Chlorodifluoromethane	Ave	1.361	1.347		9.90	10.0	-1.0	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.856	2.701		9.46	10.0	-5.4	30.0
Chloromethane	Ave	0.6109	0.6143		10.1	10.0	0.6	30.0
n-Butane	Ave	0.8628	0.8510		9.86	10.0	-1.4	30.0
Vinyl chloride	Ave	0.8109	0.7705		9.50	10.0	-5.0	30.0
1,3-Butadiene	Ave	0.4771	0.4881		10.2	10.0	2.3	30.0
Bromomethane	Ave	1.021	1.016		9.95	10.0	-0.5	30.0
Chloroethane	Ave	0.2806	0.2839		10.1	10.0	1.2	30.0
Isopentane	Ave	0.5724	0.5769		10.1	10.0	0.8	30.0
Bromoethene (Vinyl Bromide)	Ave	1.039	1.018		9.79	10.0	-2.1	30.0
Trichlorofluoromethane	Ave	3.056	2.810		9.19	10.0	-8.1	30.0
n-Pentane	Ave	0.8230	0.8650		10.5	10.0	5.1	30.0
Ethanol	Ave	0.2315	0.2128		13.8	15.0	-8.1	30.0
Ethyl ether	Ave	0.3209	0.3370		10.5	10.0	5.0	30.0
Acrolein	Ave	0.1414	0.1142		8.07	10.0	-19.3	30.0
1,1-Dichloroethene	Ave	0.9225	0.9323		10.1	10.0	1.1	30.0
1,1,2-Trichlorotrifluoroethane	Ave	1.991	2.049		10.3	10.0	2.9	30.0
Acetone	Ave	0.7558	0.8698		11.5	10.0	15.1	30.0
Isopropyl alcohol	Ave	0.9019	1.288		14.3	10.0	42.8*	30.0
Carbon disulfide	Ave	2.237	2.417		10.8	10.0	8.0	30.0
Acetonitrile	Ave	0.2675	0.3041		11.4	10.0	13.7	30.0
3-Chloropropene	Ave	0.7008	0.7053		10.1	10.0	0.6	30.0
Methylene Chloride	Ave	0.7488	0.7922		10.6	10.0	5.8	30.0
tert-Butyl alcohol	Ave	1.252	1.309		10.5	10.0	4.5	30.0
Acrylonitrile	Ave	0.2898	0.3395		11.7	10.0	17.1	30.0
trans-1,2-Dichloroethene	Ave	1.049	1.099		10.5	10.0	4.7	30.0
Methyl tert-butyl ether	Ave	1.761	1.864		10.6	10.0	5.8	30.0
n-Hexane	Ave	0.7937	0.8232		10.4	10.0	3.7	30.0
1,1-Dichloroethane	Ave	1.173	1.267		10.8	10.0	8.0	30.0
Vinyl acetate	Ave	1.170	0.9929		8.48	10.0	-15.2	30.0
Methyl Ethyl Ketone	Ave	0.2641	0.3038		11.5	10.0	15.0	30.0
cis-1,2-Dichloroethene	Ave	0.8306	0.9489		11.4	10.0	14.2	30.0
Ethyl acetate	Ave	0.0425	0.0473		11.1	10.0	11.2	30.0
Tetrahydrofuran	Ave	0.1067	0.1154		10.8	10.0	8.1	30.0
Chloroform	Ave	2.110	2.134		10.1	10.0	1.1	30.0
1,1,1-Trichloroethane	Ave	0.5352	0.4924		9.20	10.0	-8.0	30.0
Cyclohexane	Ave	0.2224	0.2163		9.72	10.0	-2.8	30.0
Carbon tetrachloride	Ave	0.5658	0.5618		9.93	10.0	-0.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-186329/4 Calibration Date: 12/05/2022 09:06
 Instrument ID: CHG.i Calib Start Date: 11/21/2022 16:41
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/22/2022 00:38
 Lab File ID: 200-53537-004.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	0.5443	0.5441		9.99	10.0	-0.0	30.0
1,2-Dichloroethane	Ave	0.2693	0.2660		9.87	10.0	-1.2	30.0
2,2,4-Trimethylpentane	Ave	0.7428	0.7357		9.90	10.0	-1.0	30.0
n-Heptane	Ave	0.2704	0.2680		9.91	10.0	-0.9	30.0
n-Butanol	Ave	0.1090	0.0816		7.48	10.0	-25.2	30.0
Trichloroethene	Ave	0.3944	0.3866		9.80	10.0	-2.0	30.0
1,2-Dichloropropane	Ave	0.1845	0.2015		10.9	10.0	9.2	30.0
Methyl methacrylate	Ave	0.1602	0.1811		11.3	10.0	13.1	30.0
1,4-Dioxane	Ave	0.1226	0.1260		10.3	10.0	2.8	30.0
Dibromomethane	Ave	0.4842	0.4358		9.00	10.0	-10.0	30.0
Bromodichloromethane	Ave	0.5593	0.5344		9.55	10.0	-4.4	30.0
cis-1,3-Dichloropropene	Ave	0.3746	0.3669		9.79	10.0	-2.1	30.0
methyl isobutyl ketone	Ave	0.3357	0.3621		10.8	10.0	7.9	30.0
Toluene	Ave	0.4536	0.5078		11.2	10.0	11.9	30.0
n-Octane	Ave	0.3717	0.3763		10.1	10.0	1.2	30.0
trans-1,3-Dichloropropene	Ave	0.3316	0.3430		10.3	10.0	3.4	30.0
1,1,2-Trichloroethane	Ave	0.2343	0.2607		11.1	10.0	11.3	30.0
Tetrachloroethene	Ave	0.6628	0.6399		9.65	10.0	-3.5	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3317	0.3788		11.4	10.0	14.2	30.0
Dibromochloromethane	Ave	0.7190	0.7457		10.4	10.0	3.7	30.0
1,2-Dibromoethane	Ave	0.5106	0.5742		11.2	10.0	12.5	30.0
Chlorobenzene	Ave	0.7156	0.7704		10.8	10.0	7.7	30.0
Ethylbenzene	Ave	0.9945	1.064		10.7	10.0	7.0	30.0
m,p-Xylene	Ave	0.3937	0.4441		22.6	20.0	12.8	30.0
n-Nonane	Ave	0.3306	0.3728		11.3	10.0	12.8	30.0
Xylene, o-	Ave	0.4097	0.4255		10.4	10.0	3.9	30.0
Styrene	Ave	0.6074	0.6854		11.3	10.0	12.8	30.0
Bromoform	Ave	0.8525	0.8252		9.68	10.0	-3.2	30.0
Cumene	Ave	1.077	1.148		10.7	10.0	6.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5974	0.6537		10.9	10.0	9.4	30.0
1,2,3-Trichloropropane	Ave	0.4542	0.5030		11.1	10.0	10.7	30.0
n-Propylbenzene	Ave	1.203	1.290		10.7	10.0	7.2	30.0
2-Chlorotoluene	Ave	0.8207	0.8609		10.5	10.0	4.9	30.0
4-Ethyltoluene	Ave	1.036	1.098		10.6	10.0	6.0	30.0
1,3,5-Trimethylbenzene	Ave	0.8813	0.9213		10.5	10.0	4.5	30.0
n-Decane	Ave	0.3481	0.3878		11.1	10.0	11.4	30.0
Alpha Methyl Styrene	Ave	0.4863	0.5061		10.4	10.0	4.1	30.0
tert-Butylbenzene	Ave	0.8545	0.8657		10.1	10.0	1.3	30.0
1,2,4-Trimethylbenzene	Ave	0.9135	0.9255		10.1	10.0	1.3	30.0
sec-Butylbenzene	Ave	1.232	1.261		10.2	10.0	2.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-186329/4 Calibration Date: 12/05/2022 09:06
 Instrument ID: CHG.i Calib Start Date: 11/21/2022 16:41
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/22/2022 00:38
 Lab File ID: 200-53537-004.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	0.8338	0.8484		10.2	10.0	1.8	30.0
4-Isopropyltoluene	Ave	1.067	1.089		10.2	10.0	2.1	30.0
1,4-Dichlorobenzene	Ave	0.8421	0.8450		10.0	10.0	0.3	30.0
Benzyl chloride	Ave	0.8848	0.8886		10.0	10.0	0.4	30.0
n-Butylbenzene	Ave	0.9097	0.9231		10.1	10.0	1.5	30.0
1,2-Dichlorobenzene	Ave	0.8206	0.8218		10.0	10.0	0.1	30.0
n-Undecane	Ave	0.3629	0.3787		10.4	10.0	4.4	30.0
n-Dodecane	Ave	0.2952	0.3078		10.4	10.0	4.3	30.0
1,2,4-Trichlorobenzene	Ave	0.7985	0.7090		8.88	10.0	-11.2	30.0
Hexachlorobutadiene	Ave	0.7697	0.5909		7.68	10.0	-23.2	30.0
Naphthalene	Ave	1.426	1.452		10.2	10.0	1.8	30.0
1,2,3-Trichlorobenzene	Ave	0.6830	0.6642		9.72	10.0	-2.7	30.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-004.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 05-Dec-2022 09:06:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053537-004
 Operator ID: vtp Instrument ID: CHG.i
 Sublist: chrom-TO15_MasterMethod_(v1)_G*sub16
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 05-Dec-2022 12:53:47 Calib Date: 22-Nov-2022 00:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1677

First Level Reviewer: BKZ7

Date: 05-Dec-2022 12:53:47

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	3.110	3.110	0.000	98	117275	10.0	9.87	
2 Dichlorodifluoromethane	85	3.169	3.169	0.000	100	710051	10.0	9.45	
3 Chlorodifluoromethane	51	3.196	3.196	0.000	98	311136	10.0	9.90	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.393	3.393	0.000	92	624038	10.0	9.46	
5 Chloromethane	50	3.474	3.474	0.000	99	141907	10.0	10.1	
6 Vinyl chloride	62	3.682	3.682	0.000	98	177986	10.0	9.50	
7 Butane	43	3.682	3.682	0.000	95	196583	10.0	9.86	
8 Butadiene	54	3.757	3.757	0.000	97	112761	10.0	10.2	
9 Bromomethane	94	4.260	4.260	0.000	98	234638	10.0	9.95	
10 Chloroethane	64	4.453	4.453	0.000	97	65584	10.0	10.1	
11 2-Methylbutane	43	4.613	4.613	0.000	88	133266	10.0	10.1	
12 Vinyl bromide	106	4.779	4.779	0.000	97	235076	10.0	9.79	
13 Trichlorofluoromethane	101	4.907	4.907	0.000	100	649055	10.0	9.19	
14 Pentane	43	5.073	5.073	0.000	94	199811	10.0	10.5	
15 Ethanol	45	5.202	5.202	0.000	95	73784	15.0	13.8	
16 Ethyl ether	59	5.421	5.421	0.000	96	77857	10.0	10.5	
17 Acrolein	56	5.630	5.630	0.000	97	26377	10.0	8.07	
18 1,1-Dichloroethene	96	5.806	5.806	0.000	97	215356	10.0	10.1	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	5.838	5.838	0.000	95	473270	10.0	10.3	
20 BFB									
19 Acetone	43	5.881	5.881	0.000	99	200928	10.0	11.5	
22 Isopropyl alcohol	45	6.138	6.138	0.000	100	297442	10.0	14.3	
23 Carbon disulfide	76	6.191	6.191	0.000	99	558291	10.0	10.8	
24 Acetonitrile	41	6.341	6.341	0.000	99	70243	10.0	11.4	
25 3-Chloro-1-propene	41	6.448	6.448	0.000	95	162917	10.0	10.1	
26 Methylene Chloride	49	6.662	6.662	0.000	86	183005	10.0	10.6	
27 2-Methyl-2-propanol	59	6.882	6.882	0.000	94	302409	10.0	10.5	
28 Acrylonitrile	53	7.053	7.053	0.000	93	78432	10.0	11.7	
29 trans-1,2-Dichloroethene	61	7.149	7.149	0.000	95	253809	10.0	10.5	
30 Methyl tert-butyl ether	73	7.165	7.165	0.000	95	430576	10.0	10.6	
31 Hexane	57	7.652	7.652	0.000	88	190156	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
32 1,1-Dichloroethane	63	7.898	7.898	0.000	99	292596	10.0	10.8	
33 Vinyl acetate	43	7.914	7.914	0.000	100	229365	10.0	8.48	
34 2-Butanone (MEK)	72	8.872	8.872	0.000	99	70183	10.0	11.5	
35 cis-1,2-Dichloroethene	96	8.888	8.888	0.000	88	219206	10.0	11.4	
36 Ethyl acetate	88	8.963	8.963	0.000	98	10915	10.0	11.1	
* 37 Chlorobromomethane	128	9.305	9.305	0.000	72	231048	10.0	10.0	
38 Tetrahydrofuran	42	9.374	9.374	0.000	82	128389	10.0	10.8	
39 Chloroform	83	9.492	9.492	0.000	96	492879	10.0	10.1	
S 43 1,2-Dichloroethene, Total	61				0		20.0	21.9	
40 1,1,1-Trichloroethane	97	9.813	9.813	0.000	96	547984	10.0	9.20	
41 Cyclohexane	84	9.963	9.963	0.000	95	240713	10.0	9.72	
42 Carbon tetrachloride	117	10.107	10.107	0.000	98	625191	10.0	9.93	
44 Benzene	78	10.482	10.482	0.000	95	605450	10.0	10.0	
45 1,2-Dichloroethane	62	10.562	10.562	0.000	99	295967	10.0	9.87	
46 Isooctane	57	10.733	10.733	0.000	97	818704	10.0	9.90	
47 n-Heptane	43	11.076	11.076	0.000	92	298220	10.0	9.91	
* 48 1,4-Difluorobenzene	114	11.300	11.300	0.000	92	1113038	10.0	10.0	
49 n-Butanol	56	11.637	11.637	0.000	87	90805	10.0	7.48	
50 Trichloroethene	95	11.787	11.787	0.000	98	430241	10.0	9.80	
51 1,2-Dichloropropane	63	12.290	12.290	0.000	89	224189	10.0	10.9	
54 Methyl methacrylate	69	12.418	12.418	0.000	96	201540	10.0	11.3	
55 1,4-Dioxane	88	12.461	12.461	0.000	40	140258	10.0	10.3	M
53 Dibromomethane	174	12.467	12.467	0.000	90	485015	10.0	9.00	
A 57 GRO	1	12.560	(4.603-20.517)		0	100197811	649.9	0	
56 Dichlorobromomethane	83	12.814	12.814	0.000	98	594747	10.0	9.55	
58 cis-1,3-Dichloropropene	75	13.702	13.702	0.000	92	408279	10.0	9.79	
59 4-Methyl-2-pentanone (MIBK)	43	14.023	14.023	0.000	96	402981	10.0	10.8	
A 62 TVOC as Toluene	92	14.291	(3.100-25.482)		0	150534475	899.8	0	
60 Toluene	92	14.403	14.403	0.000	94	525335	10.0	11.2	
A 61 Toluene Range	92	14.403	(14.363-14.443)		0	2012186	NC	NC	
63 n-Octane	43	14.692	14.692	0.000	88	418701	10.0	10.1	
A 64 C8 Range	1	14.692	(14.642-14.742)		0	1750540	NC	NC	
65 trans-1,3-Dichloropropene	75	14.858	14.858	0.000	97	381701	10.0	10.3	
66 1,1,2-Trichloroethane	83	15.254	15.254	0.000	96	269722	10.0	11.1	
67 Tetrachloroethene	166	15.468	15.468	0.000	97	662016	10.0	9.65	
68 2-Hexanone	43	15.735	15.735	0.000	96	391879	10.0	11.4	
69 Chlorodibromomethane	129	16.040	16.040	0.000	97	771506	10.0	10.4	
70 Ethylene Dibromide	107	16.292	16.292	0.000	99	594035	10.0	11.2	
* 71 Chlorobenzene-d5	117	17.265	17.265	0.000	83	1034833	10.0	10.0	
72 Chlorobenzene	112	17.329	17.329	0.000	98	797038	10.0	10.8	
73 Ethylbenzene	91	17.543	17.543	0.000	97	1100907	10.0	10.7	
74 m-Xylene & p-Xylene	106	17.822	17.822	0.000	0	918876	20.0	22.6	
75 n-Nonane	57	17.902	17.902	0.000	85	385721	10.0	11.3	
76 o-Xylene	106	18.629	18.629	0.000	99	440287	10.0	10.4	
77 Styrene	104	18.667	18.667	0.000	97	709118	10.0	11.3	
78 Bromoform	173	19.036	19.036	0.000	98	853816	10.0	9.68	
79 Isopropylbenzene	105	19.389	19.389	0.000	96	1187662	10.0	10.7	
S 82 Xylenes, Total	106				0		30.0	32.9	
80 1,1,2,2-Tetrachloroethane	83	19.940	19.940	0.000	99	676344	10.0	10.9	
81 1,2,3-Trichloropropane	75	20.042	20.042	0.000	98	520398	10.0	11.1	
83 N-Propylbenzene	91	20.154	20.154	0.000	100	1334183	10.0	10.7	
84 2-Chlorotoluene	91	20.299	20.299	0.000	96	890676	10.0	10.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
85 4-Ethyltoluene	105	20.363	20.363	0.000	99	1136458	10.0	10.6	
86 1,3,5-Trimethylbenzene	105	20.464	20.464	0.000	94	953255	10.0	10.5	
87 n-Decane	57	20.507	20.507	0.000	93	401229	10.0	11.1	
88 Alpha Methyl Styrene	118	20.801	20.801	0.000	91	523625	10.0	10.4	
89 tert-Butylbenzene	119	20.962	20.962	0.000	93	895679	10.0	10.1	
90 1,2,4-Trimethylbenzene	105	21.053	21.053	0.000	97	957542	10.0	10.1	
91 sec-Butylbenzene	105	21.304	21.304	0.000	99	1304952	10.0	10.2	
92 1,3-Dichlorobenzene	146	21.475	21.475	0.000	95	877801	10.0	10.2	
93 4-Isopropyltoluene	119	21.524	21.524	0.000	97	1126986	10.0	10.2	
94 1,4-Dichlorobenzene	146	21.620	21.620	0.000	97	874305	10.0	10.0	
95 Benzyl chloride	91	21.775	21.775	0.000	100	919393	10.0	10.0	
97 n-Butylbenzene	91	22.091	22.091	0.000	98	955099	10.0	10.1	
96 1,2-Dichlorobenzene	146	22.117	22.117	0.000	99	850239	10.0	10.0	
98 Undecane	57	22.257	22.257	0.000	93	391810	10.0	10.4	
99 Dodecane	57	23.856	23.856	0.000	97	318435	10.0	10.4	
100 1,2,4-Trichlorobenzene	180	24.578	24.578	0.000	93	733603	10.0	8.88	
101 Hexachlorobutadiene	225	24.830	24.830	0.000	95	611352	10.0	7.68	
102 Naphthalene	128	25.060	25.060	0.000	99	1501885	10.0	10.2	
103 1,2,3-Trichlorobenzene	180	25.472	25.472	0.000	95	687210	10.0	9.72	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ATTO15CAL4w_00796

Amount Added: 200.00

Units: mL

ATTO15GIS_00019

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 05-Dec-2022 12:53:47

Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-004.D

Injection Date: 05-Dec-2022 09:06:30

Instrument ID: CHG.i

Operator ID: vtp

Lims ID: CCVIS

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

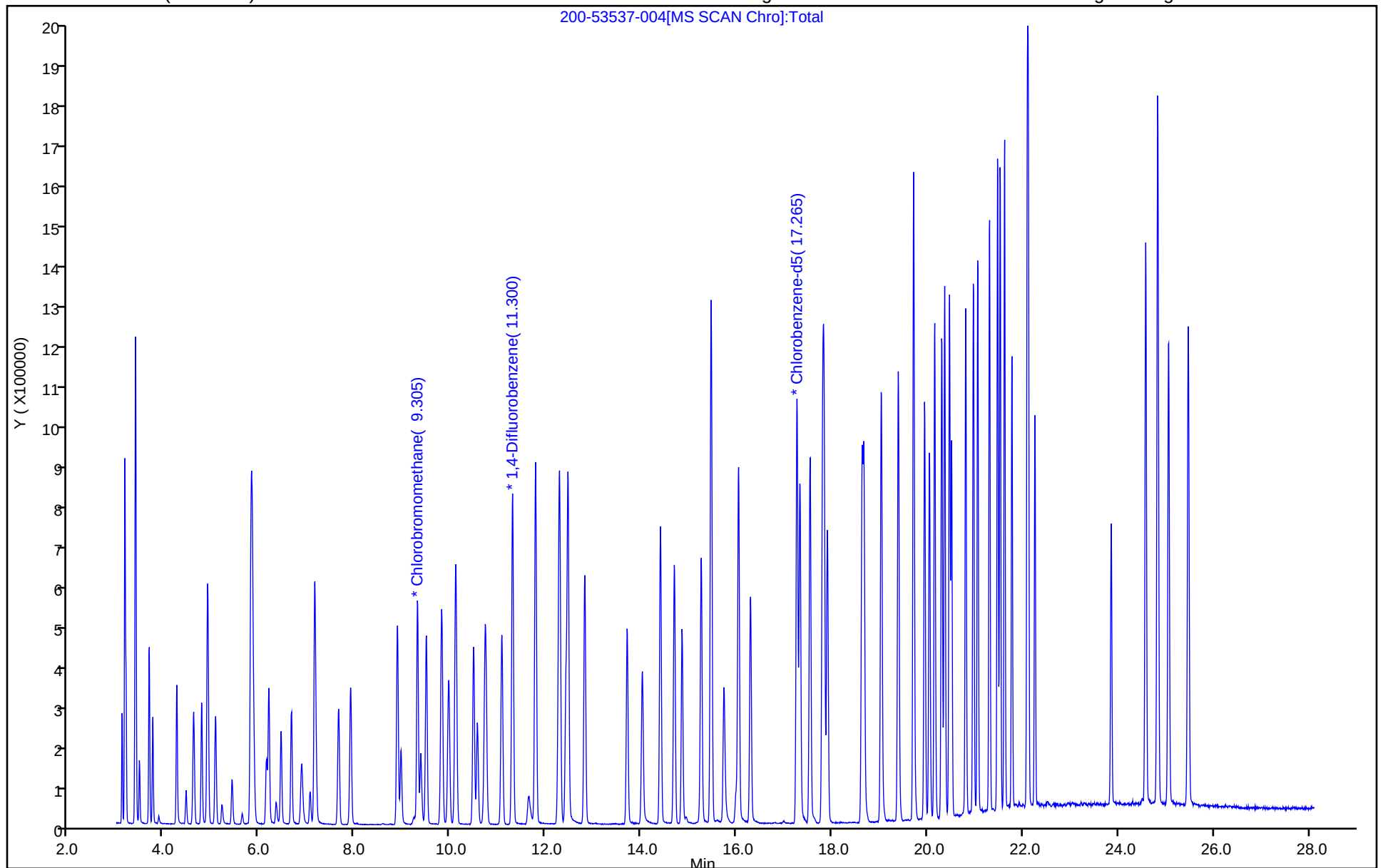
ALS Bottle#: 3

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

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



Eurofins Burlington

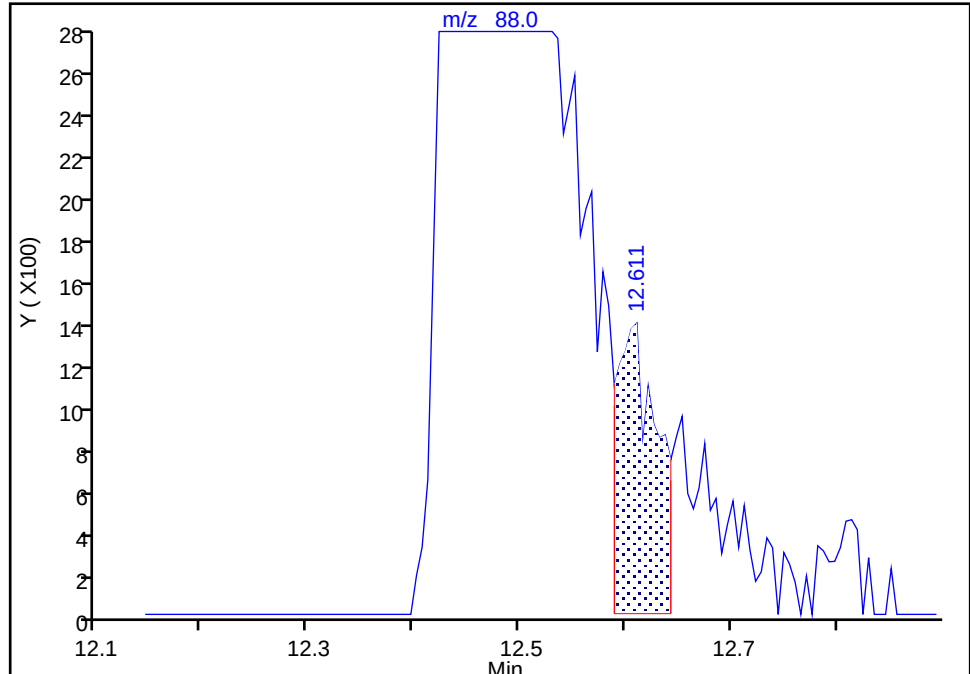
Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-004.D
Injection Date: 05-Dec-2022 09:06:30 Instrument ID: CHG.i
Lims ID: CCVIS
Client ID:
Operator ID: vtp ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

55 1,4-Dioxane, CAS: 123-91-1

Signal: 1

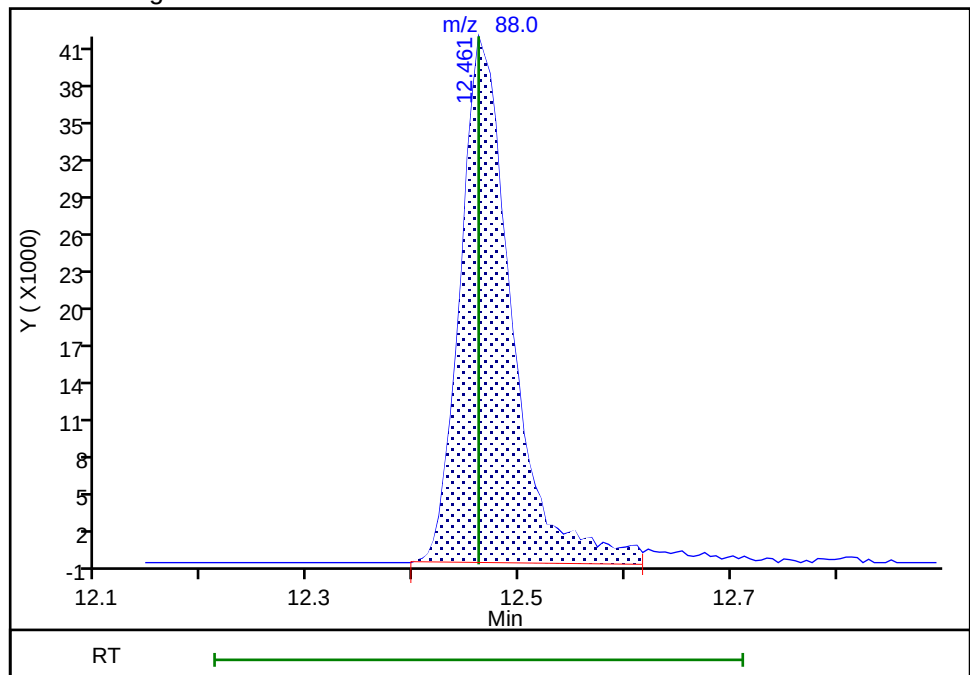
RT: 12.61
Area: 3630
Amount: 0.266092
Amount Units: ppb v/v

Processing Integration Results



RT: 12.46
Area: 140258
Amount: 10.281431
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 05-Dec-2022 11:33:28
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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12/8/2022 3:46
PM

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Lab Sample ID: ICV 200-186261/16 Calibration Date: 12/02/2022 02:17
 Instrument ID: CHW.i Calib Start Date: 12/01/2022 15:47
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/01/2022 23:39
 Lab File ID: 53510-016.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	0.9781	1.024		10.5	10.0	4.7	30.0
Dichlorodifluoromethane	Ave	4.592	4.795		10.4	10.0	4.4	30.0
Chlorodifluoromethane	Ave	2.133	2.210		10.4	10.0	3.6	30.0
1,2-Dichlorotetrafluoroethane	Ave	5.272	5.289		10.0	10.0	0.3	30.0
Chloromethane	Ave	1.257	1.310		10.4	10.0	4.2	30.0
Vinyl chloride	Ave	1.776	1.620		9.12	10.0	-8.8	30.0
n-Butane	Ave	1.672	1.752		10.5	10.0	4.8	30.0
1,3-Butadiene	Ave	1.288	1.063		8.26	10.0	-17.4	30.0
Bromomethane	Ave	1.993	1.982		9.94	10.0	-0.6	30.0
Chloroethane	Ave	0.8834	0.8981		10.2	10.0	1.7	30.0
Isopentane	Ave	1.495	1.406		9.41	10.0	-5.9	30.0
Bromoethene (Vinyl Bromide)	Ave	1.997	1.908		9.55	10.0	-4.5	30.0
Trichlorofluoromethane	Ave	4.297	4.290		9.98	10.0	-0.2	30.0
n-Pentane	Ave	1.880	2.048		10.9	10.0	8.9	30.0
Ethanol	Ave	0.4698	0.4757		14.9	14.7	1.3	30.0
Ethyl ether	Ave	0.9408	0.9558		10.2	10.0	1.6	30.0
Acrolein	Ave	0.4853	0.4646		9.57	10.0	-4.3	30.0
1,1-Dichloroethene	Ave	1.864	1.769		9.49	10.0	-5.1	30.0
1,1,2-Trichlorotrifluoroethane	Ave	3.456	3.638		10.5	10.0	5.3	30.0
Acetone	Ave	1.311	1.492		11.4	10.0	13.8	30.0
Isopropyl alcohol	Ave	1.531	1.454		9.49	10.0	-5.1	30.0
Carbon disulfide	Ave	3.716	4.089		11.0	10.0	10.0	30.0
3-Chloropropene	Ave	1.229	1.183		9.63	10.0	-3.7	30.0
Acetonitrile	Ave	1.105	1.211		11.0	10.0	9.6	30.0
Methylene Chloride	Ave	1.012	1.090		10.8	10.0	7.7	30.0
tert-Butyl alcohol	Ave	2.041	2.223		10.9	10.0	8.9	30.0
Acrylonitrile	Ave	0.5980	0.6468		10.8	10.0	8.2	30.0
trans-1,2-Dichloroethene	Ave	1.640	1.554		9.47	10.0	-5.2	30.0
Methyl tert-butyl ether	Ave	3.441	3.595		10.4	10.0	4.5	30.0
n-Hexane	Ave	1.550	1.551		10.0	10.0	0.1	30.0
1,1-Dichloroethane	Ave	1.940	1.944		10.0	10.0	0.2	30.0
Vinyl acetate	Ave	1.938	1.562		8.06	10.0	-19.4	30.0
Methyl Ethyl Ketone	Ave	0.5646	0.6208		11.0	10.0	10.0	30.0
cis-1,2-Dichloroethene	Ave	1.463	1.491		10.2	10.0	1.9	30.0
Ethyl acetate	Ave	0.1196	0.1424		11.9	10.0	19.1	30.0
Tetrahydrofuran	Ave	0.1600	0.1740		10.9	10.0	8.7	30.0
Chloroform	Ave	2.640	2.701		10.2	10.0	2.3	30.0
1,1,1-Trichloroethane	Ave	0.6011	0.6208		10.3	10.0	3.3	30.0
Cyclohexane	Ave	0.3635	0.3700		10.2	10.0	1.8	30.0
Carbon tetrachloride	Ave	0.7006	0.6808		9.72	10.0	-2.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Lab Sample ID: ICV 200-186261/16 Calibration Date: 12/02/2022 02:17

Instrument ID: CHW.i Calib Start Date: 12/01/2022 15:47

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/01/2022 23:39

Lab File ID: 53510-016.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	0.7994	0.8297		10.4	10.0	3.8	30.0
1,2-Dichloroethane	Ave	0.3267	0.3232		9.89	10.0	-1.1	30.0
2,2,4-Trimethylpentane	Ave	1.003	1.024		10.2	10.0	2.1	30.0
n-Heptane	Ave	0.3195	0.3128		9.79	10.0	-2.1	30.0
n-Butanol	Ave	0.1330	0.1079		8.11	10.0	-18.9	30.0
Trichloroethene	Ave	0.4166	0.4081		9.79	10.0	-2.1	30.0
1,2-Dichloropropane	Ave	0.2428	0.2520		10.4	10.0	3.8	30.0
Methyl methacrylate	Ave	0.2333	0.2587		11.1	10.0	10.9	30.0
1,4-Dioxane	Ave	0.1886	0.1743		9.24	10.0	-7.6	30.0
Dibromomethane	Ave	0.4912	0.5033		10.2	10.0	2.5	30.0
Bromodichloromethane	Ave	0.5899	0.5973		10.1	10.0	1.3	30.0
cis-1,3-Dichloropropene	Ave	0.4891	0.4742		9.69	10.0	-3.0	30.0
methyl isobutyl ketone	Ave	0.3626	0.3908		10.8	10.0	7.8	30.0
Toluene	Ave	0.7253	0.7469		10.3	10.0	3.0	30.0
n-Octane	Ave	0.4309	0.4291		9.96	10.0	-0.4	30.0
trans-1,3-Dichloropropene	Ave	0.4132	0.4364		10.6	10.0	5.6	30.0
1,1,2-Trichloroethane	Ave	0.3290	0.3263		9.92	10.0	-0.8	30.0
Tetrachloroethene	Ave	0.8377	0.8253		9.85	10.0	-1.5	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3835	0.4201		11.0	10.0	9.5	30.0
Dibromochloromethane	Ave	0.8317	0.8710		10.5	10.0	4.7	30.0
1,2-Dibromoethane	Ave	0.6647	0.6922		10.4	10.0	4.1	30.0
Chlorobenzene	Ave	1.082	1.096		10.1	10.0	1.3	30.0
Ethylbenzene	Ave	1.561	1.617		10.4	10.0	3.6	30.0
m,p-Xylene	Ave	0.6635	0.6838		20.6	20.0	3.1	30.0
n-Nonane	Ave	0.5798	0.5674		9.78	10.0	-2.1	30.0
Xylene, o-	Ave	0.6702	0.6693		9.99	10.0	-0.1	30.0
Styrene	Ave	1.016	1.065		10.5	10.0	4.9	30.0
Bromoform	Ave	0.9197	0.9536		10.4	10.0	3.7	30.0
Cumene	Ave	1.901	1.941		10.2	10.0	2.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8408	0.8471		10.1	10.0	0.7	30.0
1,2,3-Trichloropropane	Ave	0.5893	0.6486		11.0	10.0	10.1	30.0
n-Propylbenzene	Ave	2.076	2.117		10.2	10.0	2.0	30.0
2-Chlorotoluene	Ave	1.323	1.339		10.1	10.0	1.2	30.0
4-Ethyltoluene	Ave	1.827	1.890		10.3	10.0	3.5	30.0
1,3,5-Trimethylbenzene	Ave	1.570	1.613		10.3	10.0	2.8	30.0
n-Decane	Ave	0.6627	0.7097		10.7	10.0	7.1	30.0
Alpha Methyl Styrene	Ave	0.8516	0.8771		10.3	10.0	3.0	30.0
tert-Butylbenzene	Ave	1.585	1.595		10.1	10.0	0.6	30.0
1,2,4-Trimethylbenzene	Ave	1.570	1.592		10.1	10.0	1.4	30.0
sec-Butylbenzene	Ave	2.236	2.248		10.0	10.0	0.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Lab Sample ID: ICV 200-186261/16 Calibration Date: 12/02/2022 02:17
 Instrument ID: CHW.i Calib Start Date: 12/01/2022 15:47
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/01/2022 23:39
 Lab File ID: 53510-016.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	1.176	1.233		10.5	10.0	4.8	30.0
4-Isopropyltoluene	Ave	1.977	2.052		10.4	10.0	3.8	30.0
1,4-Dichlorobenzene	Ave	1.135	1.181		10.4	10.0	4.0	30.0
Benzyl chloride	Ave	1.184	1.211		10.2	10.0	2.3	30.0
n-Butylbenzene	Ave	1.569	1.617		10.3	10.0	3.1	30.0
1,2-Dichlorobenzene	Ave	1.117	1.150		10.3	10.0	2.9	30.0
n-Undecane	Ave	0.6548	0.7456		11.4	10.0	13.9	30.0
n-Dodecane	Ave	0.5396	0.6461		12.0	10.0	19.7	30.0
1,2,4-Trichlorobenzene	Ave	0.7310	0.7568		10.4	10.0	3.5	30.0
Hexachlorobutadiene	Ave	1.146	1.054		9.20	10.0	-8.0	30.0
Naphthalene	Ave	1.269	1.397		11.0	10.0	10.1	30.0
1,2,3-Trichlorobenzene	Ave	0.5866	0.6629		11.3	10.0	13.0	30.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-016.d
 Lims ID: icv
 Client ID:
 Sample Type: ICV
 Inject. Date: 02-Dec-2022 02:17:30 ALS Bottle#: 16 Worklist Smp#: 16
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053510-016
 Operator ID: vtp Instrument ID: CHW.i
 Sublist: chrom-TO15_TO3_MasterMethod_W*sub5
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 02-Dec-2022 07:28:53 Calib Date: 01-Dec-2022 23:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-013.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1651

First Level Reviewer: BKZ7

Date: 02-Dec-2022 07:21:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.062	4.062	0.000	98	79604	10.0	10.5	
2 Dichlorodifluoromethane	85	4.147	4.147	0.000	98	372628	10.0	10.4	
3 Chlorodifluoromethane	51	4.185	4.185	0.000	97	171753	10.0	10.4	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.479	4.479	0.000	96	410992	10.0	10.0	
5 Chloromethane	50	4.591	4.591	0.000	98	101819	10.0	10.4	
6 Vinyl chloride	62	4.880	4.880	0.000	100	125845	10.0	9.12	
7 Butane	43	4.886	4.886	0.000	97	136153	10.0	10.5	
8 Butadiene	54	4.993	4.993	0.000	87	82633	10.0	8.26	
9 Bromomethane	94	5.683	5.683	0.000	99	153999	10.0	9.94	
10 Chloroethane	64	5.945	5.945	0.000	98	69785	10.0	10.2	
11 BFB									
12 2-Methylbutane	43	6.148	6.148	0.000	88	109258	10.0	9.41	
13 Vinyl bromide	106	6.357	6.357	0.000	99	148251	10.0	9.55	
14 Trichlorofluoromethane	101	6.517	6.517	0.000	98	333329	10.0	9.98	
15 Pentane	43	6.721	6.721	0.000	95	159139	10.0	10.9	
16 Ethanol	45	6.876	6.876	0.000	97	54278	14.7	14.9	
18 Ethyl ether	59	7.133	7.133	0.000	83	74271	10.0	10.2	
19 Acrolein	56	7.363	7.363	0.000	95	36103	10.0	9.57	
20 1,1-Dichloroethene	96	7.566	7.566	0.000	90	137450	10.0	9.49	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	7.603	7.603	0.000	94	282658	10.0	10.5	
22 Acetone	43	7.641	7.641	0.000	96	115928	10.0	11.4	
23 Isopropyl alcohol	45	7.935	7.935	0.000	100	112974	10.0	9.49	
24 Carbon disulfide	76	7.972	7.972	0.000	98	317698	10.0	11.0	
25 Acetonitrile	41	8.256	8.256	0.000	72	94122	10.0	11.0	
26 3-Chloro-1-propene	41	8.256	8.256	0.000	94	91956	10.0	9.63	
27 Methylene Chloride	49	8.486	8.486	0.000	79	84701	10.0	10.8	
28 2-Methyl-2-propanol	59	8.705	8.705	0.000	99	172764	10.0	10.9	
29 Acrylonitrile	53	8.882	8.882	0.000	96	50258	10.0	10.8	
30 trans-1,2-Dichloroethene	61	8.989	8.989	0.000	90	120745	10.0	9.47	
31 Methyl tert-butyl ether	73	9.005	9.005	0.000	95	279340	10.0	10.4	
32 Hexane	57	9.497	9.497	0.000	87	120539	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
33 1,1-Dichloroethane	63	9.743	9.743	0.000	99	151033	10.0	10.0	
34 Vinyl acetate	43	9.759	9.759	0.000	99	121340	10.0	8.06	
S 35 1,2-Dichloroethene, Total	61				0		20.0	19.7	
36 2-Butanone (MEK)	72	10.712	10.712	0.000	95	48240	10.0	11.0	
37 cis-1,2-Dichloroethene	96	10.733	10.733	0.000	84	115830	10.0	10.2	
38 Ethyl acetate	88	10.797	10.797	0.000	98	11064	10.0	11.9	
* 39 Chlorobromomethane	128	11.150	11.150	0.000	70	77720	10.0	10.0	
40 Tetrahydrofuran	42	11.198	11.198	0.000	83	65317	10.0	10.9	
41 Chloroform	83	11.327	11.327	0.000	94	209880	10.0	10.2	
42 1,1,1-Trichloroethane	97	11.632	11.632	0.000	96	233083	10.0	10.3	
43 Cyclohexane	84	11.771	11.771	0.000	90	138939	10.0	10.2	
44 Carbon tetrachloride	117	11.910	11.910	0.000	99	255630	10.0	9.72	
45 Benzene	78	12.258	12.258	0.000	93	311547	10.0	10.4	
46 1,2-Dichloroethane	62	12.332	12.332	0.000	91	121350	10.0	9.89	
47 Isooctane	57	12.482	12.482	0.000	98	384579	10.0	10.2	
48 n-Heptane	43	12.793	12.793	0.000	82	117460	10.0	9.79	
* 49 1,4-Difluorobenzene	114	13.001	13.001	0.000	92	375554	10.0	10.0	
50 n-Butanol	56	13.237	13.237	0.000	83	40507	10.0	8.11	
51 Trichloroethene	95	13.429	13.429	0.000	93	153231	10.0	9.79	
A 52 GRO	1	13.876	(6.138-21.614)		0	46519701	649.9	0	
53 1,2-Dichloropropane	63	13.889	13.889	0.000	90	94603	10.0	10.4	
54 Methyl methacrylate	69	13.986	13.986	0.000	91	97150	10.0	11.1	
55 1,4-Dioxane	88	14.028	14.028	0.000	85	65458	10.0	9.24	
57 Dibromomethane	174	14.044	14.044	0.000	87	188979	10.0	10.2	
58 Dichlorobromomethane	83	14.360	14.360	0.000	98	224282	10.0	10.1	
59 cis-1,3-Dichloropropene	75	15.162	15.162	0.000	88	178046	10.0	9.69	
A 60 TVOC as Toluene	1	15.240	(4.052-26.428)		0	72380234	899.8	0	
61 4-Methyl-2-pentanone (MIBK)	43	15.430	15.430	0.000	91	146753	10.0	10.8	
62 Toluene	92	15.810	15.810	0.000	93	248670	10.0	10.3	
A 63 Toluene Range	1	15.812	(15.735-15.890)		0	933340	NC	NC	
A 65 C8 Range	1	16.083	(16.008-16.158)		0	782551	NC	NC	
64 n-Octane	43	16.072	16.072	0.000	81	161124	10.0	9.96	
66 trans-1,3-Dichloropropene	75	16.227	16.227	0.000	93	163856	10.0	10.6	
67 1,1,2-Trichloroethane	83	16.602	16.602	0.000	92	108642	10.0	9.92	
68 Tetrachloroethene	166	16.805	16.805	0.000	94	274801	10.0	9.85	
69 2-Hexanone	43	17.019	17.019	0.000	98	139871	10.0	11.0	
70 Chlorodibromomethane	129	17.340	17.340	0.000	97	289992	10.0	10.5	
71 Ethylene Dibromide	107	17.575	17.575	0.000	99	230469	10.0	10.4	
* 73 Chlorobenzene-d5	117	18.490	18.490	0.000	81	333022	10.0	10.0	
74 Chlorobenzene	112	18.554	18.554	0.000	99	365019	10.0	10.1	
75 Ethylbenzene	91	18.747	18.747	0.000	96	538373	10.0	10.4	
76 m-Xylene & p-Xylene	106	19.014	19.014	0.000	0	455370	20.0	20.6	
77 n-Nonane	57	19.089	19.089	0.000	80	188904	10.0	9.78	
78 o-Xylene	106	19.785	19.785	0.000	99	222844	10.0	9.99	
79 Styrene	104	19.822	19.822	0.000	95	354670	10.0	10.5	
S 80 Xylenes, Total	106				0		30.0	30.6	
81 Bromoform	173	20.181	20.181	0.000	99	317494	10.0	10.4	
82 Isopropylbenzene	105	20.518	20.518	0.000	97	646119	10.0	10.2	
83 1,1,2,2-Tetrachloroethane	83	21.053	21.053	0.000	98	282044	10.0	10.1	
84 1,2,3-Trichloropropane	75	21.149	21.149	0.000	95	215958	10.0	11.0	
85 N-Propylbenzene	91	21.256	21.256	0.000	99	704872	10.0	10.2	
86 2-Chlorotoluene	91	21.406	21.406	0.000	96	445796	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	21.464	21.464	0.000	98	629287	10.0	10.3	
88 1,3,5-Trimethylbenzene	105	21.561	21.561	0.000	94	537147	10.0	10.3	
89 n-Decane	57	21.604	21.604	0.000	91	236288	10.0	10.7	
90 Alpha Methyl Styrene	118	21.892	21.892	0.000	92	292045	10.0	10.3	
91 tert-Butylbenzene	119	22.053	22.053	0.000	95	531145	10.0	10.1	
92 1,2,4-Trimethylbenzene	105	22.139	22.139	0.000	96	529913	10.0	10.1	
93 sec-Butylbenzene	105	22.385	22.385	0.000	99	748381	10.0	10.0	
94 1,3-Dichlorobenzene	146	22.550	22.550	0.000	94	410580	10.0	10.5	
95 4-Isopropyltoluene	119	22.604	22.604	0.000	97	683070	10.0	10.4	
96 1,4-Dichlorobenzene	146	22.700	22.700	0.000	97	393305	10.0	10.4	
97 Benzyl chloride	91	22.845	22.845	0.000	100	403202	10.0	10.2	
98 n-Butylbenzene	91	23.160	23.160	0.000	97	538316	10.0	10.3	
99 1,2-Dichlorobenzene	146	23.182	23.182	0.000	99	383009	10.0	10.3	
100 Undecane	57	23.315	23.315	0.000	92	248255	10.0	11.4	
101 Dodecane	57	24.862	24.862	0.000	94	215135	10.0	12.0	
102 1,2,4-Trichlorobenzene	180	25.562	25.562	0.000	93	251976	10.0	10.4	
103 Hexachlorobutadiene	225	25.803	25.803	0.000	93	351040	10.0	9.20	
104 Naphthalene	128	26.022	26.022	0.000	99	465090	10.0	11.0	
105 1,2,3-Trichlorobenzene	180	26.418	26.418	0.000	96	220707	10.0	11.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00849

Amount Added: 200.00

Units: mL

ATTO15WISs_00010

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 02-Dec-2022 07:28:53

Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-016.d

Injection Date: 02-Dec-2022 02:17:30

Instrument ID: CHW.i

Operator ID: vtp

Lims ID: icv

Worklist Smp#: 16

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

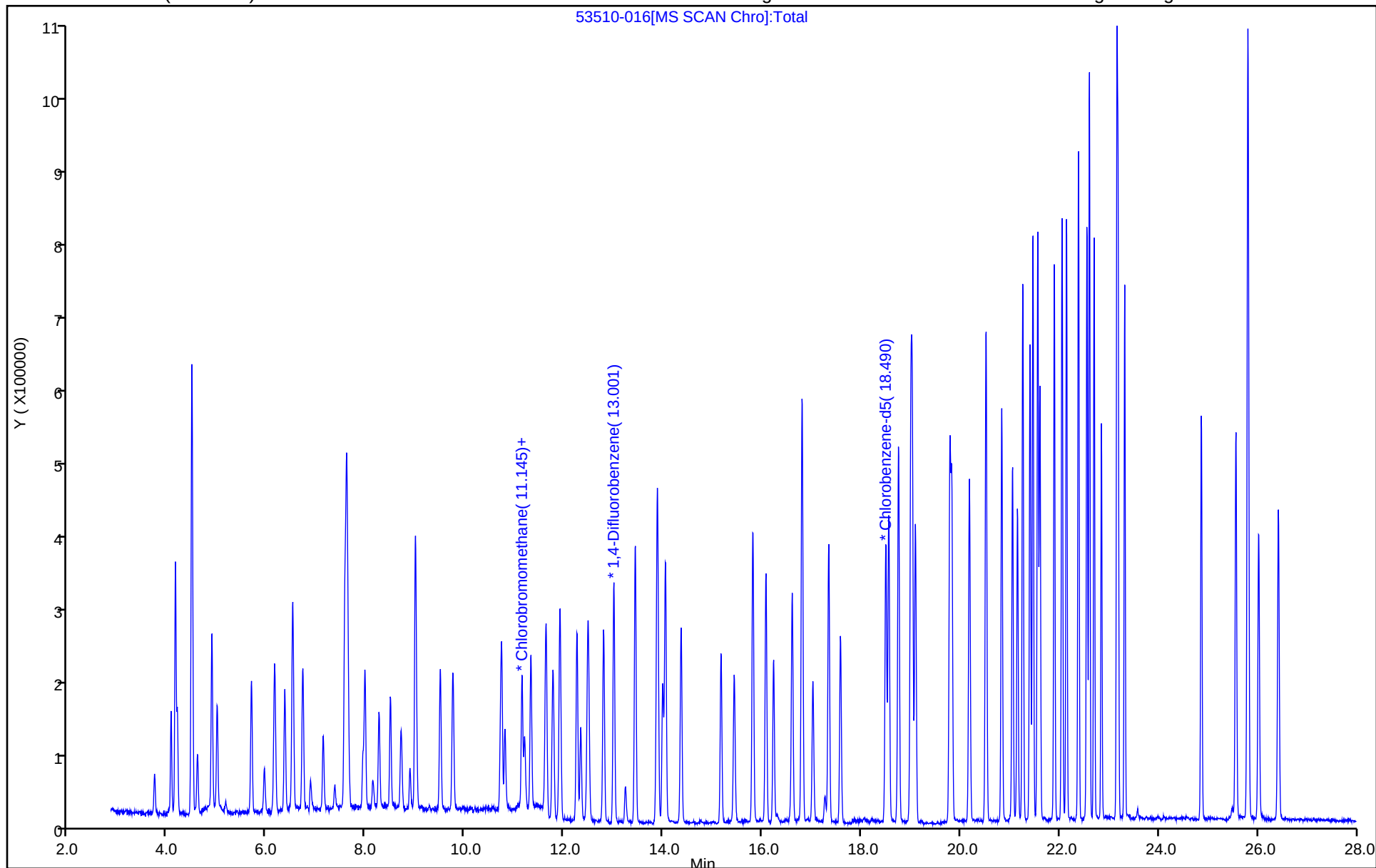
ALS Bottle#: 16

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



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-186397/3 Calibration Date: 12/06/2022 09:07
 Instrument ID: CHW.i Calib Start Date: 12/01/2022 15:47
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/01/2022 23:39
 Lab File ID: 53566-003.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	0.9781	1.215		12.4	10.0	24.2	30.0
Dichlorodifluoromethane	Ave	4.592	4.458		9.71	10.0	-2.9	30.0
Chlorodifluoromethane	Ave	2.133	2.383		11.2	10.0	11.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	5.272	5.341		10.1	10.0	1.3	30.0
Chloromethane	Ave	1.257	1.445		11.5	10.0	14.9	30.0
n-Butane	Ave	1.672	1.893		11.3	10.0	13.2	30.0
Vinyl chloride	Ave	1.776	1.653		9.30	10.0	-6.9	30.0
1,3-Butadiene	Ave	1.288	1.143		8.88	10.0	-11.2	30.0
Bromomethane	Ave	1.993	1.942		9.74	10.0	-2.6	30.0
Chloroethane	Ave	0.8834	0.9409		10.6	10.0	6.5	30.0
Isopentane	Ave	1.495	1.563		10.5	10.0	4.6	30.0
Bromoethene (Vinyl Bromide)	Ave	1.997	1.941		9.72	10.0	-2.8	30.0
Trichlorofluoromethane	Ave	4.297	4.057		9.44	10.0	-5.6	30.0
n-Pentane	Ave	1.880	2.132		11.3	10.0	13.4	30.0
Ethanol	Ave	0.4698	0.5251		16.8	15.0	11.8	30.0
Ethyl ether	Ave	0.9408	1.000		10.6	10.0	6.2	30.0
Acrolein	Ave	0.4853	0.5440		11.2	10.0	12.1	30.0
1,1-Dichloroethene	Ave	1.864	1.686		9.04	10.0	-9.5	30.0
1,1,2-Trichlorotrifluoroethane	Ave	3.456	3.390		9.81	10.0	-1.9	30.0
Acetone	Ave	1.311	1.576		12.0	10.0	20.2	30.0
Isopropyl alcohol	Ave	1.531	1.825		11.9	10.0	19.1	30.0
Carbon disulfide	Ave	3.716	4.036		10.9	10.0	8.6	30.0
Acetonitrile	Ave	1.105	0.6501		5.88	10.0	-41.2*	30.0
3-Chloropropene	Ave	1.229	1.226		9.97	10.0	-0.3	30.0
Methylene Chloride	Ave	1.012	1.110		11.0	10.0	9.8	30.0
tert-Butyl alcohol	Ave	2.041	2.320		11.4	10.0	13.7	30.0
Acrylonitrile	Ave	0.5980	0.6951		11.6	10.0	16.2	30.0
trans-1,2-Dichloroethene	Ave	1.640	1.608		9.81	10.0	-1.9	30.0
Methyl tert-butyl ether	Ave	3.441	3.566		10.4	10.0	3.6	30.0
n-Hexane	Ave	1.550	1.653		10.7	10.0	6.7	30.0
1,1-Dichloroethane	Ave	1.940	1.965		10.1	10.0	1.3	30.0
Vinyl acetate	Ave	1.938	1.974		10.2	10.0	1.8	30.0
Methyl Ethyl Ketone	Ave	0.5646	0.6332		11.2	10.0	12.1	30.0
cis-1,2-Dichloroethene	Ave	1.463	1.479		10.1	10.0	1.1	30.0
Ethyl acetate	Ave	0.1196	0.1296		10.8	10.0	8.4	30.0
Tetrahydrofuran	Ave	0.1600	0.1937		12.1	10.0	21.1	30.0
Chloroform	Ave	2.640	2.628		9.95	10.0	-0.5	30.0
1,1,1-Trichloroethane	Ave	0.6011	0.5759		9.58	10.0	-4.2	30.0
Cyclohexane	Ave	0.3635	0.3733		10.3	10.0	2.7	30.0
Carbon tetrachloride	Ave	0.7006	0.6218		8.87	10.0	-11.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Lab Sample ID: CCVIS 200-186397/3 Calibration Date: 12/06/2022 09:07

Instrument ID: CHW.i Calib Start Date: 12/01/2022 15:47

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/01/2022 23:39

Lab File ID: 53566-003.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	0.7994	0.8335		10.4	10.0	4.3	30.0
1,2-Dichloroethane	Ave	0.3267	0.3041		9.30	10.0	-6.9	30.0
2,2,4-Trimethylpentane	Ave	1.003	1.087		10.8	10.0	8.4	30.0
n-Heptane	Ave	0.3195	0.3371		10.6	10.0	5.5	30.0
n-Butanol	Ave	0.1330	0.1425		10.7	10.0	7.1	30.0
Trichloroethene	Ave	0.4166	0.4052		9.72	10.0	-2.8	30.0
1,2-Dichloropropane	Ave	0.2428	0.2641		10.9	10.0	8.8	30.0
Methyl methacrylate	Ave	0.2333	0.2612		11.2	10.0	12.0	30.0
1,4-Dioxane	Ave	0.1886	0.1886		9.99	10.0	-0.0	30.0
Dibromomethane	Ave	0.4912	0.4814		9.80	10.0	-2.0	30.0
Bromodichloromethane	Ave	0.5899	0.5781		9.80	10.0	-2.0	30.0
cis-1,3-Dichloropropene	Ave	0.4891	0.5012		10.2	10.0	2.5	30.0
methyl isobutyl ketone	Ave	0.3626	0.4183		11.5	10.0	15.4	30.0
Toluene	Ave	0.7253	0.7372		10.2	10.0	1.6	30.0
n-Octane	Ave	0.4309	0.4553		10.6	10.0	5.7	30.0
trans-1,3-Dichloropropene	Ave	0.4132	0.4315		10.4	10.0	4.4	30.0
1,1,2-Trichloroethane	Ave	0.3290	0.3347		10.2	10.0	1.7	30.0
Tetrachloroethene	Ave	0.8377	0.7700		9.19	10.0	-8.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3835	0.4399		11.5	10.0	14.7	30.0
Dibromochloromethane	Ave	0.8317	0.7943		9.55	10.0	-4.5	30.0
1,2-Dibromoethane	Ave	0.6647	0.6727		10.1	10.0	1.2	30.0
Chlorobenzene	Ave	1.082	1.064		9.83	10.0	-1.7	30.0
Ethylbenzene	Ave	1.561	1.586		10.2	10.0	1.6	30.0
m,p-Xylene	Ave	0.6635	0.6643		20.0	20.0	0.1	30.0
n-Nonane	Ave	0.5798	0.5998		10.3	10.0	3.5	30.0
Xylene, o-	Ave	0.6702	0.6522		9.73	10.0	-2.7	30.0
Styrene	Ave	1.016	1.034		10.2	10.0	1.8	30.0
Bromoform	Ave	0.9197	0.8114		8.82	10.0	-11.8	30.0
Cumene	Ave	1.901	1.885		9.91	10.0	-0.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8408	0.8287		9.85	10.0	-1.4	30.0
1,2,3-Trichloropropane	Ave	0.5893	0.6395		10.8	10.0	8.5	30.0
n-Propylbenzene	Ave	2.076	2.102		10.1	10.0	1.3	30.0
2-Chlorotoluene	Ave	1.323	1.307		9.87	10.0	-1.2	30.0
4-Ethyltoluene	Ave	1.827	1.849		10.1	10.0	1.2	30.0
1,3,5-Trimethylbenzene	Ave	1.570	1.552		9.89	10.0	-1.1	30.0
n-Decane	Ave	0.6627	0.7433		11.2	10.0	12.2	30.0
Alpha Methyl Styrene	Ave	0.8516	0.8414		9.88	10.0	-1.2	30.0
tert-Butylbenzene	Ave	1.585	1.538		9.70	10.0	-3.0	30.0
1,2,4-Trimethylbenzene	Ave	1.570	1.528		9.73	10.0	-2.7	30.0
sec-Butylbenzene	Ave	2.236	2.196		9.82	10.0	-1.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-186397/3 Calibration Date: 12/06/2022 09:07
 Instrument ID: CHW.i Calib Start Date: 12/01/2022 15:47
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/01/2022 23:39
 Lab File ID: 53566-003.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	1.176	1.134		9.64	10.0	-3.6	30.0
4-Isopropyltoluene	Ave	1.977	1.918		9.70	10.0	-3.0	30.0
1,4-Dichlorobenzene	Ave	1.135	1.097		9.66	10.0	-3.4	30.0
Benzyl chloride	Ave	1.184	1.180		9.97	10.0	-0.3	30.0
n-Butylbenzene	Ave	1.569	1.561		9.95	10.0	-0.5	30.0
1,2-Dichlorobenzene	Ave	1.117	1.054		9.43	10.0	-5.6	30.0
n-Undecane	Ave	0.6548	0.7607		11.6	10.0	16.2	30.0
n-Dodecane	Ave	0.5396	0.6032		11.2	10.0	11.8	30.0
1,2,4-Trichlorobenzene	Ave	0.7310	0.6199		8.48	10.0	-15.2	30.0
Hexachlorobutadiene	Ave	1.146	0.9419		8.22	10.0	-17.8	30.0
Naphthalene	Ave	1.269	1.059		8.35	10.0	-16.5	30.0
1,2,3-Trichlorobenzene	Ave	0.5866	0.4858		8.28	10.0	-17.2	30.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-003.d
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 06-Dec-2022 09:07:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053566-003
 Operator ID: vtp Instrument ID: CHW.i
 Sublist: chrom-TO15_TO3_MasterMethod_W*sub5
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 07-Dec-2022 10:25:43 Calib Date: 01-Dec-2022 23:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-013.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1627

First Level Reviewer: puangmaleek

Date: 07-Dec-2022 10:25:43

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	4.078	4.078	0.000	98	121502	10.0	12.4	
2 Dichlorodifluoromethane	85	4.169	4.169	0.000	99	445804	10.0	9.71	
3 Chlorodifluoromethane	51	4.206	4.206	0.000	97	238272	10.0	11.2	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.511	4.511	0.000	98	534045	10.0	10.1	
5 Chloromethane	50	4.624	4.624	0.000	99	144460	10.0	11.5	
6 Vinyl chloride	62	4.923	4.923	0.000	100	165280	10.0	9.30	
7 Butane	43	4.923	4.923	0.000	98	189300	10.0	11.3	
8 Butadiene	54	5.030	5.030	0.000	88	114305	10.0	8.88	
9 Bromomethane	94	5.736	5.736	0.000	99	194228	10.0	9.74	
10 Chloroethane	64	5.999	5.999	0.000	98	94083	10.0	10.6	
11 BFB									
12 2-Methylbutane	43	6.213	6.213	0.000	90	156334	10.0	10.5	
13 Vinyl bromide	106	6.416	6.416	0.000	99	194121	10.0	9.72	
14 Trichlorofluoromethane	101	6.576	6.576	0.000	98	405624	10.0	9.44	
15 Pentane	43	6.785	6.785	0.000	96	213143	10.0	11.3	
16 Ethanol	45	6.951	6.951	0.000	97	78790	15.0	16.8	
18 Ethyl ether	59	7.202	7.202	0.000	86	99944	10.0	10.6	
19 Acrolein	56	7.432	7.432	0.000	95	54396	10.0	11.2	
20 1,1-Dichloroethene	96	7.630	7.630	0.000	91	168602	10.0	9.04	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	7.673	7.673	0.000	95	338992	10.0	9.81	
22 Acetone	43	7.710	7.710	0.000	95	157582	10.0	12.0	
23 Isopropyl alcohol	45	8.005	8.005	0.000	100	182435	10.0	11.9	
24 Carbon disulfide	76	8.037	8.037	0.000	98	403592	10.0	10.9	
25 Acetonitrile	41	8.203	8.203	0.000	99	65006	10.0	5.88	
26 3-Chloro-1-propene	41	8.326	8.326	0.000	93	122540	10.0	9.97	
27 Methylene Chloride	49	8.550	8.550	0.000	81	111035	10.0	11.0	
28 2-Methyl-2-propanol	59	8.775	8.775	0.000	100	231974	10.0	11.4	
29 Acrylonitrile	53	8.946	8.946	0.000	95	69506	10.0	11.6	
30 trans-1,2-Dichloroethene	61	9.053	9.053	0.000	92	160816	10.0	9.81	
31 Methyl tert-butyl ether	73	9.064	9.064	0.000	96	356608	10.0	10.4	
32 Hexane	57	9.556	9.556	0.000	88	165320	10.0	10.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 1,1-Dichloroethane	63	9.802	9.802	0.000	99	196468	10.0	10.1	
34 Vinyl acetate	43	9.818	9.818	0.000	99	197365	10.0	10.2	
S 35 1,2-Dichloroethene, Total	61				0		20.0	19.9	
36 2-Butanone (MEK)	72	10.765	10.765	0.000	95	63313	10.0	11.2	
37 cis-1,2-Dichloroethene	96	10.787	10.787	0.000	85	147878	10.0	10.1	
38 Ethyl acetate	88	10.856	10.856	0.000	99	12958	10.0	10.8	
* 39 Chlorobromomethane	128	11.198	11.198	0.000	73	100011	10.0	10.0	s
40 Tetrahydrofuran	42	11.252	11.252	0.000	83	95228	10.0	12.1	
41 Chloroform	83	11.375	11.375	0.000	95	262796	10.0	9.95	
42 1,1,1-Trichloroethane	97	11.675	11.675	0.000	97	283096	10.0	9.58	
43 Cyclohexane	84	11.819	11.819	0.000	91	183486	10.0	10.3	
44 Carbon tetrachloride	117	11.958	11.958	0.000	99	305654	10.0	8.87	
45 Benzene	78	12.300	12.300	0.000	93	409725	10.0	10.4	
46 1,2-Dichloroethane	62	12.375	12.375	0.000	92	149465	10.0	9.30	
47 Isooctane	57	12.525	12.525	0.000	99	534525	10.0	10.8	
48 n-Heptane	43	12.835	12.835	0.000	84	165723	10.0	10.6	
* 49 1,4-Difluorobenzene	114	13.039	13.039	0.000	92	491638	10.0	10.0	s
50 n-Butanol	56	13.269	13.269	0.000	83	70038	10.0	10.7	
51 Trichloroethene	95	13.467	13.467	0.000	94	199156	10.0	9.72	
A 52 GRO	1	13.908	(6.203-21.614)		0	58684408	649.9	0	
53 1,2-Dichloropropane	63	13.921	13.921	0.000	94	129815	10.0	10.9	
54 Methyl methacrylate	69	14.018	14.018	0.000	92	128403	10.0	11.2	
55 1,4-Dioxane	88	14.061	14.061	0.000	86	92687	10.0	10.0	
57 Dibromomethane	174	14.077	14.077	0.000	88	236624	10.0	9.80	
58 Dichlorobromomethane	83	14.387	14.387	0.000	97	284183	10.0	9.80	
59 cis-1,3-Dichloropropene	75	15.189	15.189	0.000	87	246367	10.0	10.2	
A 60 TVOC as Toluene	1	15.248	(4.068-26.428)		0	89722308	899.8	0	
61 4-Methyl-2-pentanone (MIBK)	43	15.457	15.457	0.000	91	205618	10.0	11.5	
62 Toluene	92	15.831	15.831	0.000	93	320899	10.0	10.2	
A 63 Toluene Range	1	15.847	(15.767-15.928)		0	1197172	NC	NC	
64 n-Octane	43	16.093	16.093	0.000	83	223813	10.0	10.6	
A 65 C8 Range	1	16.099	(16.019-16.179)		0	1062952	NC	NC	
66 trans-1,3-Dichloropropene	75	16.243	16.243	0.000	93	212107	10.0	10.4	
67 1,1,2-Trichloroethane	83	16.618	16.618	0.000	92	145686	10.0	10.2	
68 Tetrachloroethene	166	16.821	16.821	0.000	95	335144	10.0	9.19	
69 2-Hexanone	43	17.035	17.035	0.000	98	191453	10.0	11.5	
70 Chlorodibromomethane	129	17.356	17.356	0.000	98	345730	10.0	9.55	
71 Ethylene Dibromide	107	17.591	17.591	0.000	99	292794	10.0	10.1	
* 73 Chlorobenzene-d5	117	18.501	18.501	0.000	82	435350	10.0	10.0	s
74 Chlorobenzene	112	18.565	18.565	0.000	99	463077	10.0	9.83	
75 Ethylbenzene	91	18.758	18.758	0.000	97	690466	10.0	10.2	
76 m-Xylene & p-Xylene	106	19.020	19.020	0.000	0	578285	20.0	20.0	
77 n-Nonane	57	19.100	19.100	0.000	82	261062	10.0	10.3	
78 o-Xylene	106	19.795	19.795	0.000	99	283864	10.0	9.73	
79 Styrene	104	19.833	19.833	0.000	96	450173	10.0	10.2	
S 80 Xylenes, Total	106				0		30.0	29.7	
81 Bromoform	173	20.186	20.186	0.000	99	353185	10.0	8.82	
82 Isopropylbenzene	105	20.523	20.523	0.000	97	820389	10.0	9.91	
83 1,1,2,2-Tetrachloroethane	83	21.053	21.053	0.000	98	360703	10.0	9.85	
84 1,2,3-Trichloropropane	75	21.154	21.154	0.000	95	278335	10.0	10.8	
85 N-Propylbenzene	91	21.261	21.261	0.000	100	915072	10.0	10.1	
86 2-Chlorotoluene	91	21.406	21.406	0.000	96	568818	10.0	9.87	

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	21.465	21.465	0.000	99	804593	10.0	10.1	
88 1,3,5-Trimethylbenzene	105	21.561	21.561	0.000	94	675667	10.0	9.89	
89 n-Decane	57	21.604	21.604	0.000	90	323520	10.0	11.2	
90 Alpha Methyl Styrene	118	21.898	21.898	0.000	92	366232	10.0	9.88	
91 tert-Butylbenzene	119	22.053	22.053	0.000	95	669376	10.0	9.70	
92 1,2,4-Trimethylbenzene	105	22.144	22.144	0.000	96	665197	10.0	9.73	
93 sec-Butylbenzene	105	22.385	22.385	0.000	99	955994	10.0	9.82	
94 1,3-Dichlorobenzene	146	22.556	22.556	0.000	94	493530	10.0	9.64	
95 4-Isopropyltoluene	119	22.604	22.604	0.000	98	834747	10.0	9.70	
96 1,4-Dichlorobenzene	146	22.700	22.700	0.000	97	477557	10.0	9.66	
97 Benzyl chloride	91	22.845	22.845	0.000	100	513716	10.0	9.97	
98 n-Butylbenzene	91	23.160	23.160	0.000	97	679359	10.0	9.95	
99 1,2-Dichlorobenzene	146	23.182	23.182	0.000	99	458955	10.0	9.43	
100 Undecane	57	23.316	23.316	0.000	92	331114	10.0	11.6	
101 Dodecane	57	24.862	24.862	0.000	95	262535	10.0	11.2	
102 1,2,4-Trichlorobenzene	180	25.562	25.562	0.000	93	269815	10.0	8.48	
103 Hexachlorobutadiene	225	25.803	25.803	0.000	94	409963	10.0	8.22	
104 Naphthalene	128	26.022	26.022	0.000	99	460971	10.0	8.35	
105 1,2,3-Trichlorobenzene	180	26.418	26.418	0.000	95	211451	10.0	8.28	
114 Methylcyclohexane	83		0.000				ND	ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

s - Failed ISTD Recovery Test

Reagents:

ATTO15CAL4w_00796

Amount Added: 200.00

Units: mL

ATTO15WISs_00010

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 07-Dec-2022 10:25:43

Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-003.d

Injection Date: 06-Dec-2022 09:07:30

Instrument ID: CHW.i

Operator ID: vtp

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

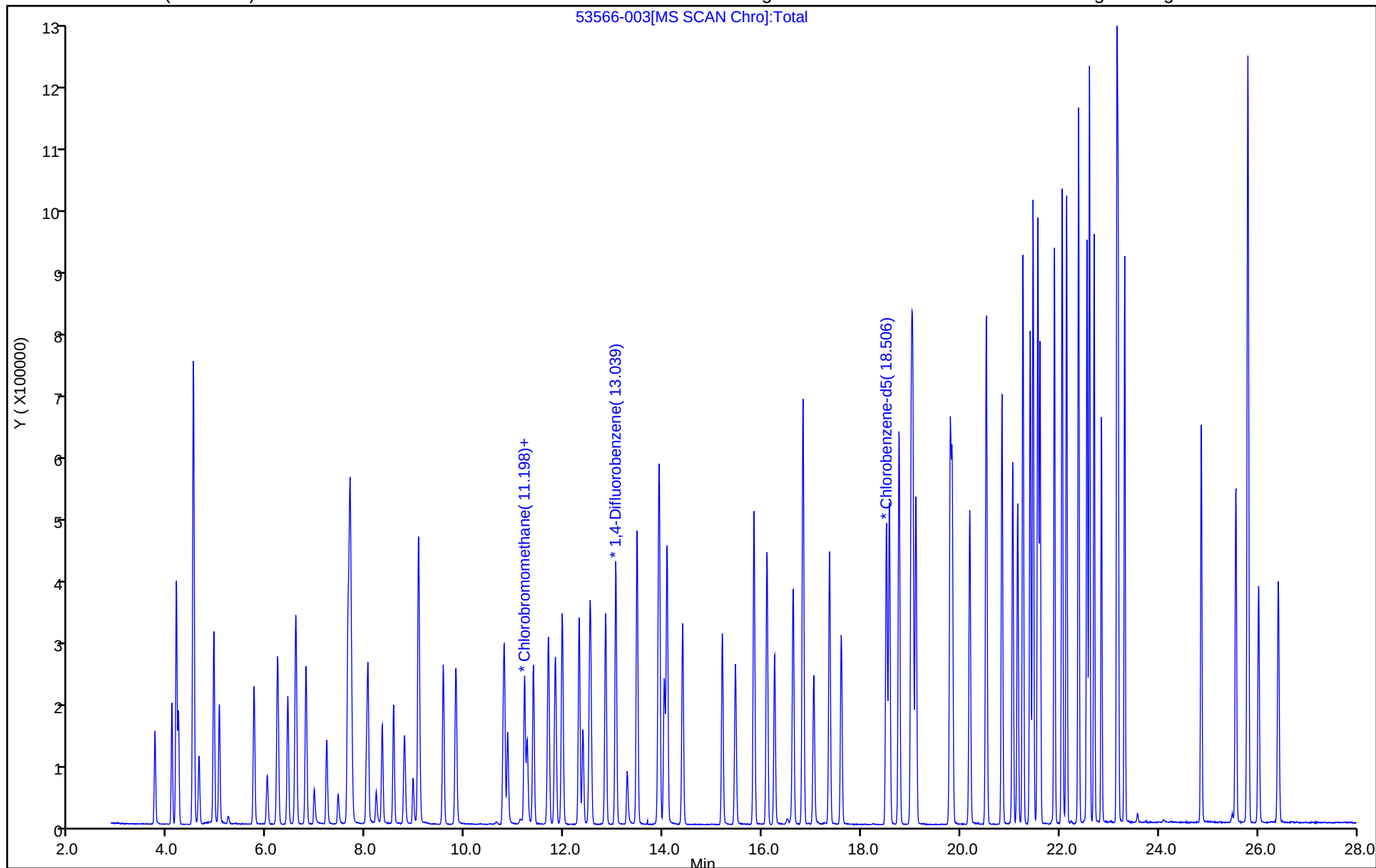
ALS Bottle#: 2

Method: TO15_TO3_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\CHG.i\20221121-53415.b\200-53415-001.D
 Lims ID: bfb
 Client ID:
 Sample Type: BFB
 Inject. Date: 21-Nov-2022 14:10:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 200.0 mL Dil. Factor: 1.0000
 Sample Info: 200-0053415-001
 Misc. Info.: bfb
 Operator ID: vtp Instrument ID: CHG.i
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 22-Nov-2022 07:29:51 Calib Date: 22-Nov-2022 00:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1666

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags

20 BFB

* 37 Chlorobromomethane	128	9.315				10.0	ND
* 48 1,4-Difluorobenzene	114	11.311				10.0	ND
* 71 Chlorobenzene-d5	117	17.276				10.0	ND

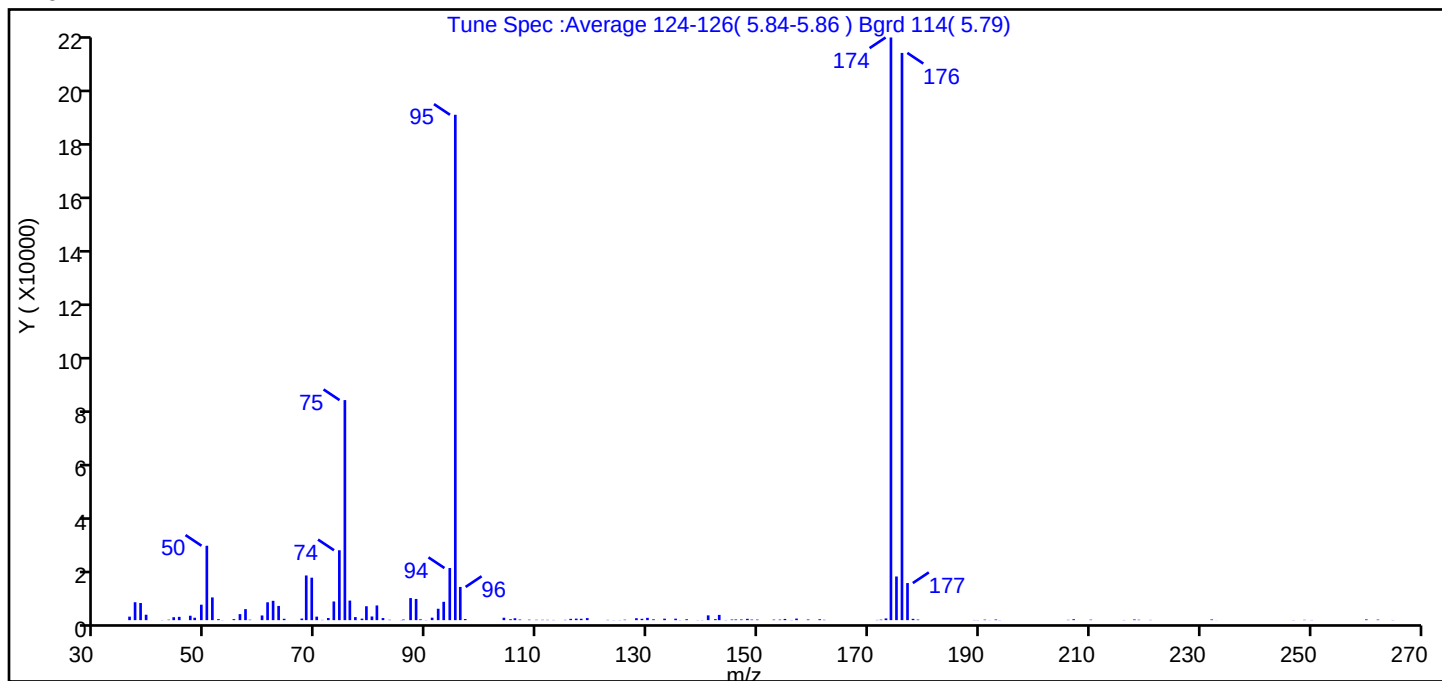
Reagents:

ATTO15GIS_00019 Amount Added: 20.00 Units: mL Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-001.D
Injection Date: 21-Nov-2022 14:10:30 Instrument ID: CHG.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_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

20 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	14.7
75	30.0 to 66.0 Percent of m/e 95	43.5
96	5.0 to 9.0 Percent of m/e 95	6.6
173	Less than 2.0 Percent of m/e 174	0.3 (0.3)
174	50.0 to 120.0 Percent of m/e 95	115.3
175	4.0 to 9.0 Percent of m/e 174	8.6 (7.5)
176	93.0 to 101.0 Percent of m/e 174	112.2 (97.4)
177	5.0 to 9.0 Percent of m/e 176	7.3 (6.5)

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-001.D\TO15_MasterMethod_(v1)_C
Injection Date: 21-Nov-2022 14:10:30
Spectrum: Tune Spec :Average 124-126(5.84-5.86) Bgrd 114(5.79)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 132

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1309	75.00	82152	117.00	569	161.00	335
37.00	6689	76.00	7303	118.00	517	162.00	129
38.00	6392	77.00	1137	119.00	768	163.00	6
39.00	2021	78.00	557	123.00	106	172.00	83
40.00	16	79.00	5186	124.00	51	172.00	184
42.00	56	80.00	1369	125.00	56	173.00	639
43.00	170	81.00	5482	126.00	171	174.00	217536
44.00	1091	82.00	787	128.00	717	175.00	16298
45.00	1228	83.00	138	129.00	503	176.00	211776
47.00	1644	85.00	54	130.00	857	177.00	13844
48.00	894	86.00	218	131.00	307	178.00	486
49.00	5768	87.00	8241	133.00	551	179.00	211
50.00	27776	88.00	7917	135.00	546	189.00	65
51.00	8482	89.00	302	136.00	53	190.00	60
52.00	367	90.00	55	137.00	327	191.00	189
53.00	51	91.00	919	139.00	50	192.00	35
55.00	383	92.00	4254	140.00	63	193.00	236
56.00	2246	93.00	6849	141.00	1790	194.00	51
57.00	4112	94.00	19456	142.00	366	206.00	118
58.00	160	95.00	188672	143.00	1964	207.00	333
60.00	1745	96.00	12396	144.00	63	210.00	176
61.00	6664	97.00	408	145.00	231	216.00	67
62.00	7220	104.00	902	146.00	257	218.00	248
63.00	5298	105.00	343	147.00	255	219.00	144
64.00	510	106.00	700	148.00	492	221.00	85
67.00	591	107.00	232	149.00	212	232.00	250
68.00	16680	108.00	173	150.00	210	233.00	24
69.00	15856	110.00	142	153.00	203	247.00	58
70.00	1313	111.00	129	154.00	205	249.00	119
71.00	81	112.00	119	155.00	456	250.00	62
72.00	789	113.00	80	156.00	65	260.00	270
73.00	6971	115.00	113	157.00	586	262.00	203
74.00	26096	116.00	490	159.00	248	265.00	60

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1309	75.00	82152	117.00	569	161.00	335
37.00	6689	76.00	7303	118.00	517	162.00	129
38.00	6392	77.00	1137	119.00	768	163.00	6
39.00	2021	78.00	557	123.00	106	172.00	83
40.00	16	79.00	5186	124.00	51	172.00	184
42.00	56	80.00	1369	125.00	56	173.00	639
43.00	170	81.00	5482	126.00	171	174.00	217536
44.00	1091	82.00	787	128.00	717	175.00	16298
45.00	1228	83.00	138	129.00	503	176.00	211776
47.00	1644	85.00	54	130.00	857	177.00	13844
48.00	894	86.00	218	131.00	307	178.00	486
49.00	5768	87.00	8241	133.00	551	179.00	211
50.00	27776	88.00	7917	135.00	546	189.00	65
51.00	8482	89.00	302	136.00	53	190.00	60
52.00	367	90.00	55	137.00	327	191.00	189
53.00	51	91.00	919	139.00	50	192.00	35
55.00	383	92.00	4254	140.00	63	193.00	236
56.00	2246	93.00	6849	141.00	1790	194.00	51
57.00	4112	94.00	19456	142.00	366	206.00	118
58.00	160	95.00	188672	143.00	1964	207.00	333
60.00	1745	96.00	12396	144.00	63	210.00	176
61.00	6664	97.00	408	145.00	231	216.00	67
62.00	7220	104.00	902	146.00	257	218.00	248
63.00	5298	105.00	343	147.00	255	219.00	144
64.00	510	106.00	700	148.00	492	221.00	85
67.00	591	107.00	232	149.00	212	232.00	250
68.00	16680	108.00	173	150.00	210	233.00	24
69.00	15856	110.00	142	153.00	203	247.00	58
70.00	1313	111.00	129	154.00	205	249.00	119
71.00	81	112.00	119	155.00	456	250.00	62
72.00	789	113.00	80	156.00	65	260.00	270
73.00	6971	115.00	113	157.00	586	262.00	203
74.00	26096	116.00	490	159.00	248	265.00	60

Report Date: 22-Nov-2022 07:29:51

Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-001.D

Injection Date: 21-Nov-2022 14:10:30

Instrument ID: CHG.i

Operator ID: vtp

Lims ID: bfb

Worklist Smp#: 1

Client ID:

Injection Vol: 200.0 mL

Dil. Factor: 1.0000

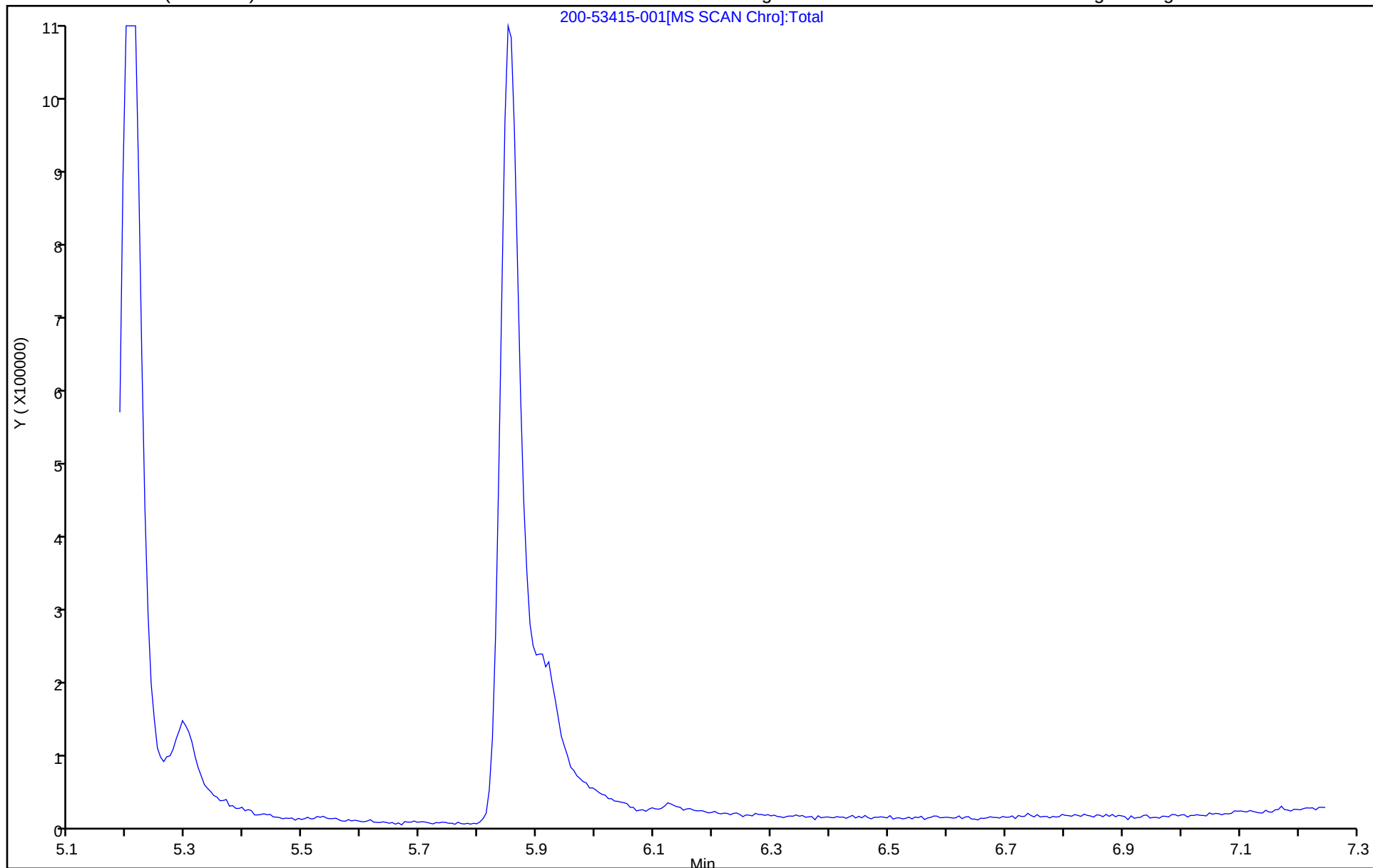
ALS Bottle#: 1

Method: TO15_MasterMethod_(v1)_G

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\CHG.i\20221205-53537.b\200-53537-001.D
 Lims ID: bfb
 Client ID:
 Sample Type: BFB
 Inject. Date: 05-Dec-2022 06:35:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 200.0 mL Dil. Factor: 1.0000
 Sample Info: 200-0053537-001
 Misc. Info.: bfb
 Operator ID: vtp Instrument ID: CHG.i
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 05-Dec-2022 12:52:59 Calib Date: 22-Nov-2022 00:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1677

First Level Reviewer: BKZ7

Date: 05-Dec-2022 12:52:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags

20 BFB

* 37 Chlorobromomethane	128	9.305				10.0	ND
* 48 1,4-Difluorobenzene	114	11.300				10.0	ND
* 71 Chlorobenzene-d5	117	17.265				10.0	ND

QC Flag Legend

Processing Flags

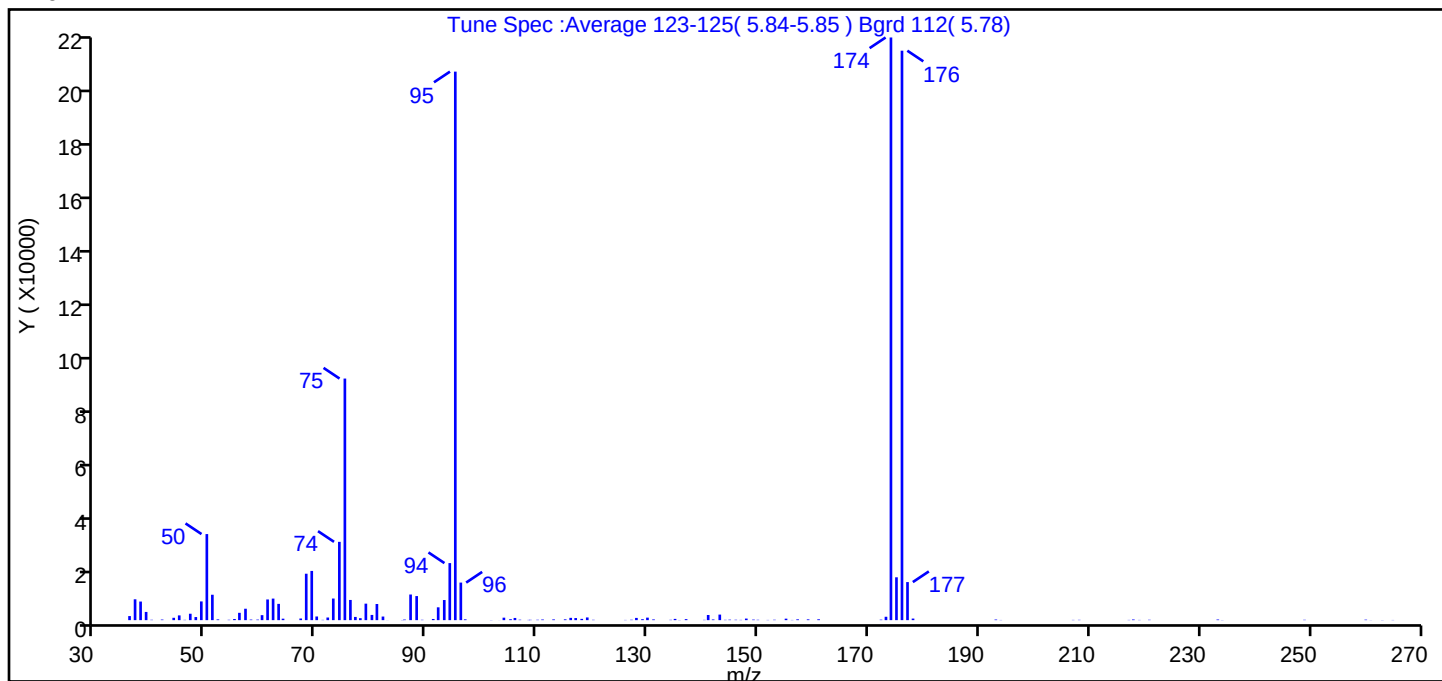
Reagents:

ATTO15GIS_00019 Amount Added: 20.00 Units: mL Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-001.D
Injection Date: 05-Dec-2022 06:35:30 Instrument ID: CHG.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_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

20 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	15.7
75	30.0 to 66.0 Percent of m/e 95	44.0
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 (0.6)
174	50.0 to 120.0 Percent of m/e 95	106.2
175	4.0 to 9.0 Percent of m/e 174	7.8 (7.4)
176	93.0 to 101.0 Percent of m/e 174	103.8 (97.7)
177	5.0 to 9.0 Percent of m/e 176	6.9 (6.7)

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-001.D\TO15_MasterMethod_(v1)_C
Injection Date: 05-Dec-2022 06:35:30
Spectrum: Tune Spec :Average 123-125(5.84-5.85) Bgrd 112(5.78)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 122

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1521	72.00	978	109.00	121	152.00	79
37.00	7776	73.00	8058	110.00	143	153.00	147
38.00	6934	74.00	29200	111.00	239	155.00	548
39.00	3058	75.00	90088	113.00	274	156.00	73
40.00	134	76.00	7529	115.00	301	157.00	298
42.00	218	77.00	1199	116.00	852	159.00	291
44.00	878	78.00	729	117.00	780	161.00	315
45.00	1771	79.00	6149	118.00	477	172.00	181
46.00	110	80.00	1942	119.00	1005	173.00	1260
47.00	2387	81.00	6021	120.00	129	174.00	217280
48.00	1154	82.00	1342	126.00	79	175.00	15981
49.00	6980	83.00	24	127.00	151	176.00	212352
50.00	32096	86.00	58	128.00	831	177.00	14193
51.00	9473	86.00	219	129.00	352	178.00	586
52.00	278	87.00	9557	130.00	934	193.00	226
54.00	131	88.00	8977	131.00	269	194.00	66
55.00	429	89.00	129	134.00	124	207.00	91
56.00	2732	91.00	434	135.00	468	208.00	115
57.00	4255	92.00	4783	136.00	58	217.00	85
58.00	214	93.00	7500	137.00	372	218.00	243
59.00	202	94.00	21272	140.00	110	219.00	83
60.00	1860	95.00	204544	141.00	1919	221.00	139
61.00	7715	96.00	14008	142.00	254	233.00	234
62.00	8036	97.00	295	143.00	2071	234.00	55
63.00	6066	102.00	53	144.00	118	249.00	131
64.00	545	103.00	19	145.00	182	260.00	183
67.00	610	104.00	922	146.00	146	261.00	36
68.00	17312	105.00	345	147.00	94	263.00	54
69.00	18352	106.00	817	148.00	582	265.00	68
70.00	1366	107.00	166	149.00	202		
71.00	98	108.00	94	150.00	135		

Report Date: 05-Dec-2022 12:53:00

Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-001.D

Injection Date: 05-Dec-2022 06:35:30

Instrument ID: CHG.i

Operator ID: vtp

Lims ID: bfb

Worklist Smp#: 1

Client ID:

Injection Vol: 200.0 mL

Dil. Factor: 1.0000

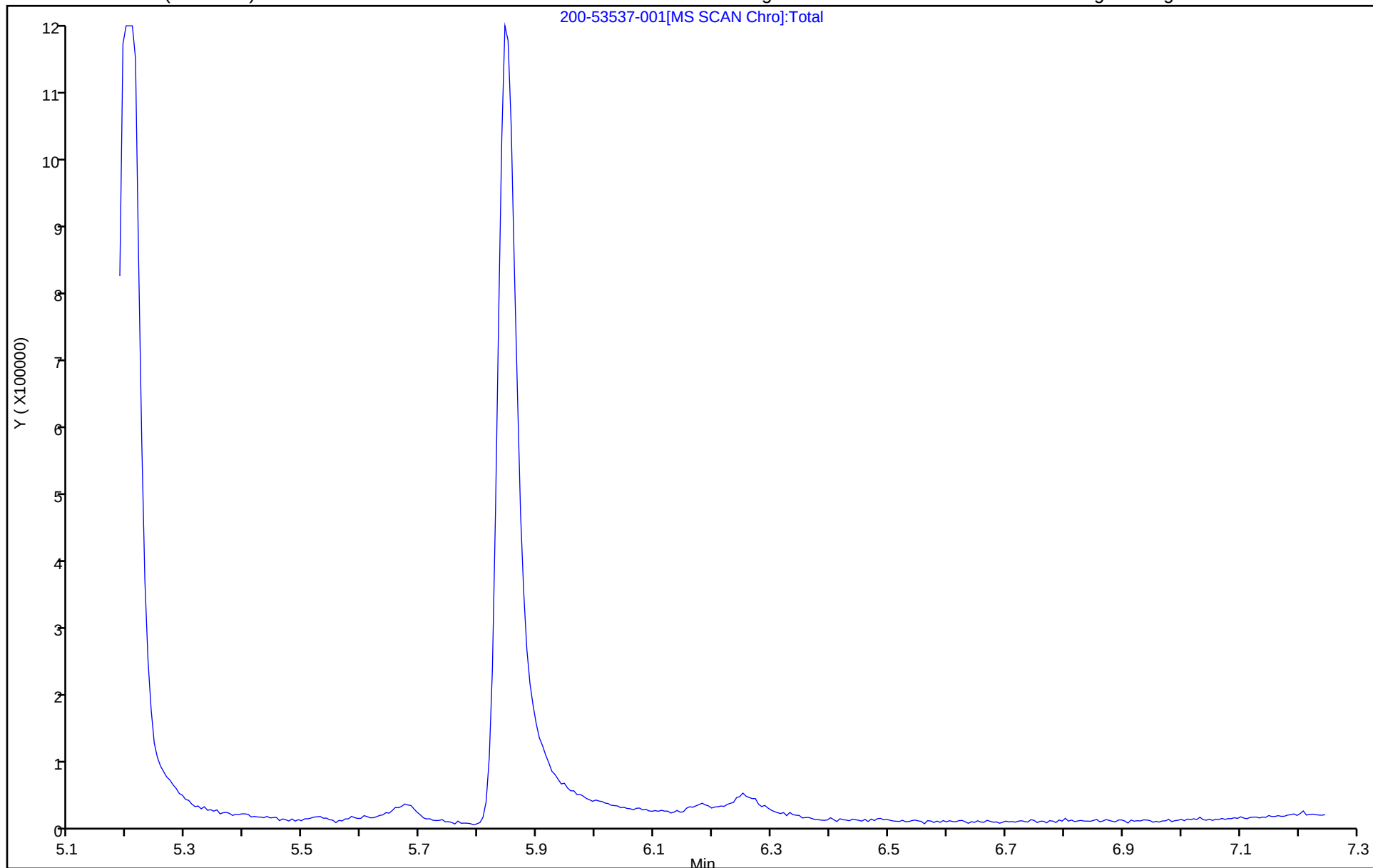
ALS Bottle#: 1

Method: TO15_MasterMethod_(v1)_G

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\20221201-53510.b\53510-001.d
 Lims ID: bfb
 Client ID:
 Sample Type: BFB
 Inject. Date: 01-Dec-2022 13:02:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 200.0 mL Dil. Factor: 1.0000
 Sample Info: 200-0053510-001
 Misc. Info.: bfb
 Operator ID: vtp Instrument ID: CHW.i
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 02-Dec-2022 07:28:49 Calib Date: 01-Dec-2022 23:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-013.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1651

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	11.145				10.0	ND
* 49 1,4-Difluorobenzene	114	13.001				10.0	ND
* 73 Chlorobenzene-d5	117	18.490				10.0	ND

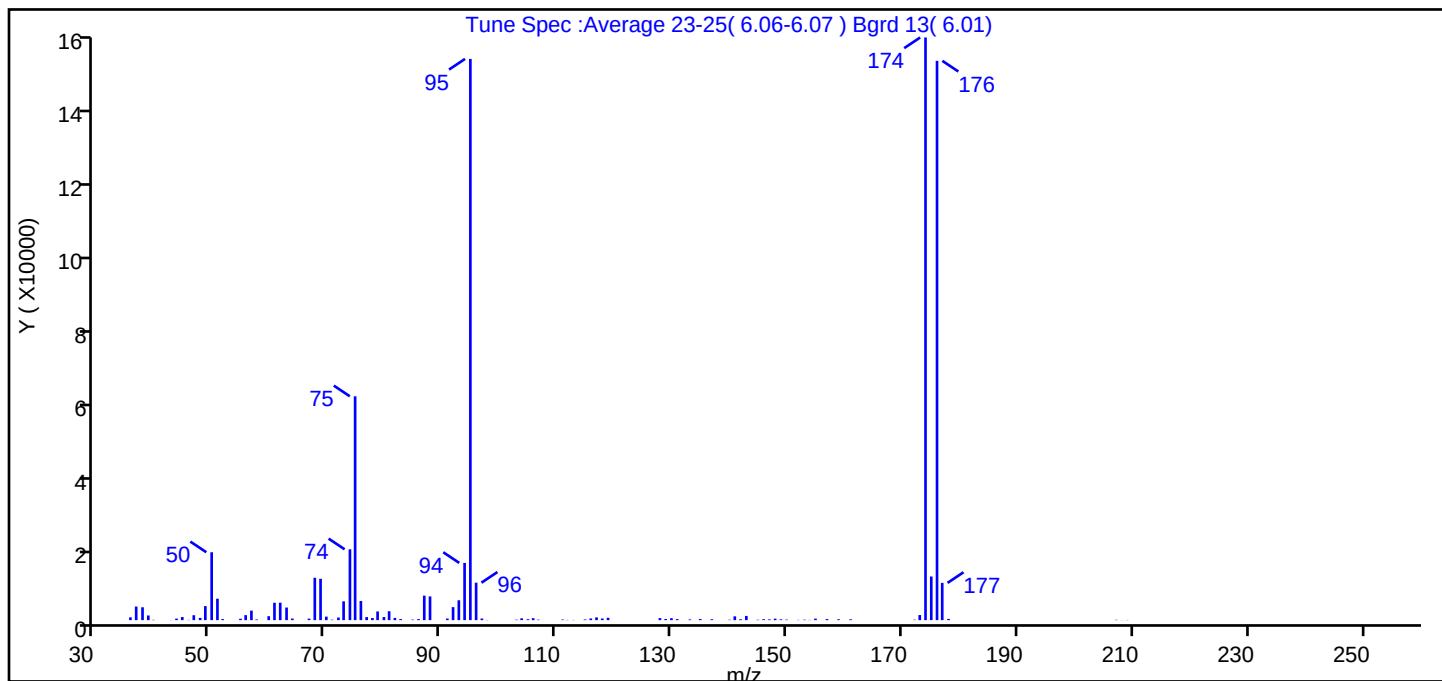
Reagents:

ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-001.d
Injection Date: 01-Dec-2022 13:02:30 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	12.1
75	30.0 to 66.0 Percent of m/e 95	39.9
96	5.0 to 9.0 Percent of m/e 95	6.7
173	Less than 2.0 Percent of m/e 174	0.9 (0.9)
174	50.0 to 120.0 Percent of m/e 95	103.8
175	4.0 to 9.0 Percent of m/e 174	7.8 (7.5)
176	93.0 to 101.0 Percent of m/e 174	99.7 (96.0)
177	5.0 to 9.0 Percent of m/e 176	6.6 (6.7)

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-001.d\TO15_TO3_MasterMethod_W.rs

Injection Date: 01-Dec-2022 13:02:30

Spectrum: Tune Spec :Average 23-25(6.06-6.07) Bgrd 13(6.01)

Base Peak: 174.00

Minimum % Base Peak: 0

Number of Points: 101

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	744	69.00	10981	98.00	52	146.00	255
37.00	3608	70.00	933	103.00	120	147.00	199
38.00	3417	71.00	121	104.00	483	148.00	396
39.00	1241	72.00	687	105.00	242	149.00	220
40.00	89	73.00	4993	106.00	521	150.00	142
43.00	27	74.00	18816	107.00	130	152.00	63
44.00	406	75.00	59456	111.00	155	153.00	125
45.00	824	76.00	5094	112.00	57	154.00	63
46.00	56	77.00	818	113.00	52	155.00	407
47.00	1309	78.00	569	115.00	188	157.00	291
48.00	594	79.00	2305	116.00	449	159.00	236
49.00	3728	80.00	826	117.00	735	161.00	220
50.00	18032	81.00	2365	118.00	434	172.00	116
51.00	5693	82.00	591	119.00	633	173.00	1355
52.00	285	83.00	286	128.00	543	174.00	154752
55.00	381	85.00	139	129.00	295	175.00	11592
56.00	1324	86.00	277	130.00	522	176.00	148544
57.00	2528	87.00	6505	131.00	284	177.00	9894
58.00	183	88.00	6303	133.00	200	178.00	326
60.00	1049	91.00	429	135.00	297	207.00	96
61.00	4623	92.00	3456	137.00	239	208.00	31
62.00	4641	93.00	5278	140.00	107	209.00	48
63.00	3348	94.00	15196	141.00	1010	260.00	3
64.00	420	95.00	149056	142.00	244		
67.00	412	96.00	9945	143.00	1117		
68.00	11247	97.00	433	145.00	112		

Report Date: 02-Dec-2022 07:28:50

Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-001.d

Injection Date: 01-Dec-2022 13:02:30

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

53510-001[MS SCAN Chro]:Total



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-001.d
 Lims ID: bfb
 Client ID:
 Sample Type: BFB
 Inject. Date: 06-Dec-2022 07:23:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 200.0 mL Dil. Factor: 1.0000
 Sample Info: 200-0053566-001
 Misc. Info.: bfb
 Operator ID: vtp Instrument ID: CHW.i
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 07-Dec-2022 10:25:05 Calib Date: 01-Dec-2022 23:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-013.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1627

First Level Reviewer: puangmaleek

Date: 07-Dec-2022 10:25:05

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	11.198				10.0	ND
* 49 1,4-Difluorobenzene	114	13.039				10.0	ND
* 73 Chlorobenzene-d5	117	18.501				10.0	ND

QC Flag Legend

Processing Flags

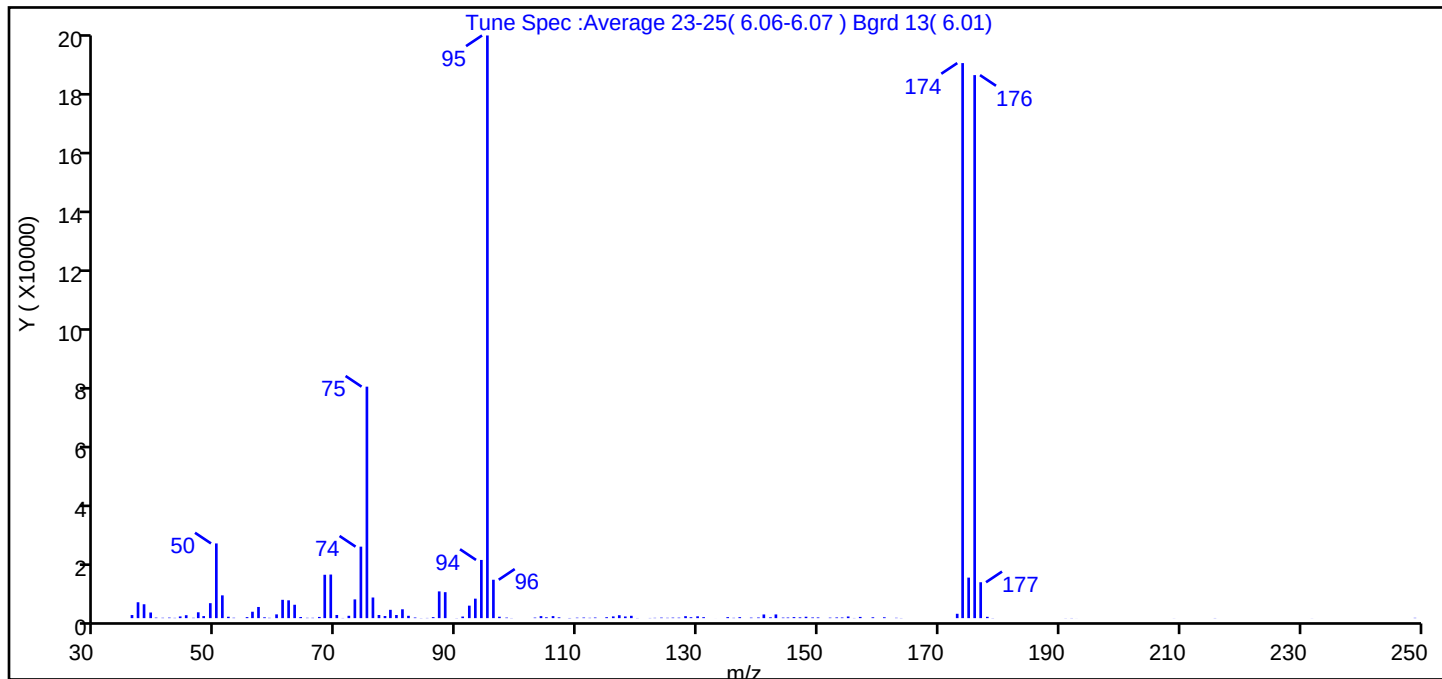
Reagents:

ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-001.d
Injection Date: 06-Dec-2022 07:23:30 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	12.8
75	30.0 to 66.0 Percent of m/e 95	39.7
96	5.0 to 9.0 Percent of m/e 95	6.6
173	Less than 2.0 Percent of m/e 174	0.7 (0.8)
174	50.0 to 120.0 Percent of m/e 95	95.3
175	4.0 to 9.0 Percent of m/e 174	7.0 (7.3)
176	93.0 to 101.0 Percent of m/e 174	93.2 (97.8)
177	5.0 to 9.0 Percent of m/e 176	6.2 (6.6)

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-001.d\TO15_TO3_MasterMethod_W.rs
Injection Date: 06-Dec-2022 07:23:30
Spectrum: Tune Spec :Average 23-25(6.06-6.07) Bgrd 13(6.01)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 129

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1060	70.00	1077	107.00	258	145.00	212
37.00	5419	71.00	60	109.00	50	146.00	351
38.00	4730	72.00	802	109.00	56	147.00	261
39.00	1923	73.00	6390	110.00	158	148.00	478
40.00	185	74.00	24360	111.00	200	149.00	236
41.00	126	75.00	78872	112.00	112	150.00	242
42.00	179	76.00	7032	113.00	209	152.00	173
43.00	95	77.00	1072	115.00	316	153.00	239
44.00	581	78.00	726	116.00	592	154.00	220
45.00	1000	79.00	2835	117.00	994	155.00	562
46.00	123	80.00	1067	118.00	567	156.00	59
47.00	1996	81.00	3021	119.00	801	157.00	415
48.00	695	82.00	794	120.00	54	159.00	291
49.00	5102	83.00	212	122.00	62	161.00	296
50.00	25456	84.00	50	123.00	102	163.00	116
51.00	7764	85.00	70	124.00	183	164.00	52
52.00	475	86.00	344	125.00	115	173.00	1488
53.00	134	87.00	9115	126.00	179	174.00	189120
55.00	348	88.00	8851	127.00	166	175.00	13810
56.00	2185	90.00	50	128.00	670	176.00	185024
57.00	3807	91.00	541	129.00	315	177.00	12234
58.00	281	92.00	4257	130.00	621	178.00	451
59.00	108	93.00	6639	131.00	330	179.00	50
60.00	1285	94.00	19832	133.00	8	191.00	34
61.00	6246	95.00	198528	135.00	345	192.00	53
62.00	6070	96.00	13086	136.00	109	193.00	13
63.00	4560	97.00	483	137.00	338	209.00	23
64.00	389	98.00	187	139.00	175	216.00	52
65.00	117	99.00	53	140.00	219	232.00	20
66.00	117	103.00	184	141.00	1256	249.00	105
67.00	409	104.00	691	142.00	280		
68.00	14778	105.00	283	143.00	1267		
69.00	14858	106.00	692	144.00	184		

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1060	70.00	1077	107.00	258	145.00	212
37.00	5419	71.00	60	109.00	50	146.00	351
38.00	4730	72.00	802	109.00	56	147.00	261
39.00	1923	73.00	6390	110.00	158	148.00	478
40.00	185	74.00	24360	111.00	200	149.00	236
41.00	126	75.00	78872	112.00	112	150.00	242
42.00	179	76.00	7032	113.00	209	152.00	173
43.00	95	77.00	1072	115.00	316	153.00	239
44.00	581	78.00	726	116.00	592	154.00	220
45.00	1000	79.00	2835	117.00	994	155.00	562
46.00	123	80.00	1067	118.00	567	156.00	59
47.00	1996	81.00	3021	119.00	801	157.00	415
48.00	695	82.00	794	120.00	54	159.00	291
49.00	5102	83.00	212	122.00	62	161.00	296
50.00	25456	84.00	50	123.00	102	163.00	116
51.00	7764	85.00	70	124.00	183	164.00	52
52.00	475	86.00	344	125.00	115	173.00	1488
53.00	134	87.00	9115	126.00	179	174.00	189120
55.00	348	88.00	8851	127.00	166	175.00	13810
56.00	2185	90.00	50	128.00	670	176.00	185024
57.00	3807	91.00	541	129.00	315	177.00	12234
58.00	281	92.00	4257	130.00	621	178.00	451
59.00	108	93.00	6639	131.00	330	179.00	50
60.00	1285	94.00	19832	133.00	8	191.00	34
61.00	6246	95.00	198528	135.00	345	192.00	53
62.00	6070	96.00	13086	136.00	109	193.00	13
63.00	4560	97.00	483	137.00	338	209.00	23
64.00	389	98.00	187	139.00	175	216.00	52
65.00	117	99.00	53	140.00	219	232.00	20
66.00	117	103.00	184	141.00	1256	249.00	105
67.00	409	104.00	691	142.00	280		
68.00	14778	105.00	283	143.00	1267		
69.00	14858	106.00	692	144.00	184		

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-001.d

Injection Date: 06-Dec-2022 07:23:30

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

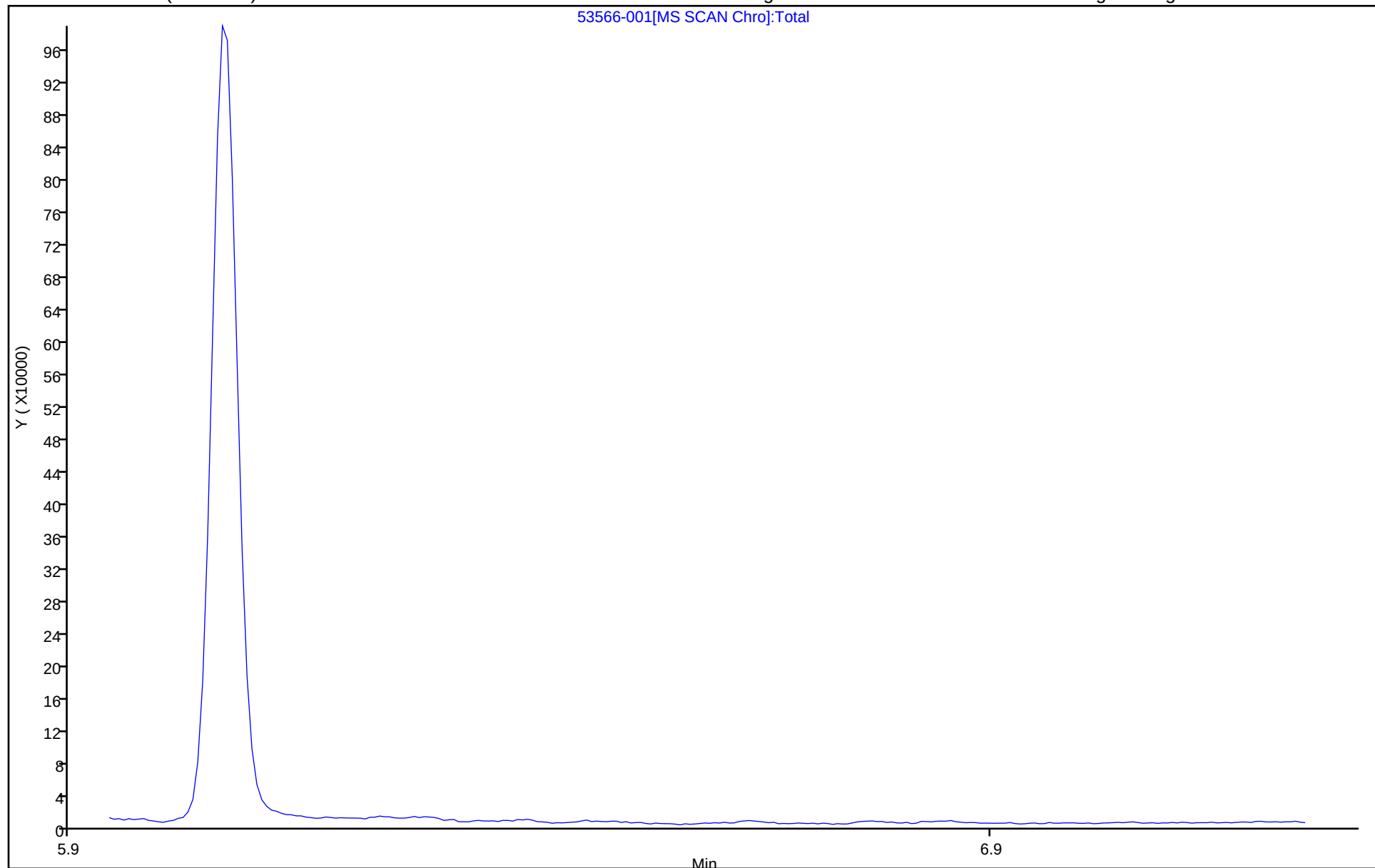
Method: TO15_TO3_MasterMethod_W

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

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

53566-001[MS SCAN Chro]:Total



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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-186329/5

Matrix: Air Lab File ID: 200-53537-005.D

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 12/05/2022 09:58

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.: 186329 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.50	U	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.15
106-97-8	n-Butane	58.12	0.50	U	0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	5.0	U	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.50	U	0.50	0.021
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.10
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-186329/5

Matrix: Air Lab File ID: 200-53537-005.D

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 12/05/2022 09:58

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.: 186329 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	0.20	U	0.20	0.044
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	0.20	U	0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.095
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.052
1330-20-7	Xylene (total)	106.17	0.70	U	0.70	0.11
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-186329/5
 Matrix: Air Lab File ID: 200-53537-005.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 12/05/2022 09:58
 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.: 186329 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-186329/5

Matrix: Air Lab File ID: 200-53537-005.D

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 12/05/2022 09:58

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.: 186329 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	1.8	U	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.31
106-97-8	n-Butane	58.12	1.2	U	1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	12	U	12	3.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	2.0	U	2.0	0.083
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.40
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-186329/5

Matrix: Air Lab File ID: 200-53537-005.D

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 12/05/2022 09:58

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.: 186329 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	0.64	U	0.64	0.14
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	0.75	U	0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.23
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.41
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.23
1330-20-7	Xylene (total)	106.17	3.0	U	3.0	0.48
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-186329/5
 Matrix: Air Lab File ID: 200-53537-005.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 12/05/2022 09:58
 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.: 186329 Units: ug/m3

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

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 200-186329/5
Matrix: Air Lab File ID: 200-53537-005.D
Analysis Method: TO-15 Date Collected: _____
Sample wt/vol: 200 (mL) Date Analyzed: 12/05/2022 09:58
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.: 186329 Units: ppb v/v
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-005.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 05-Dec-2022 09:58:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053537-005
 Operator ID: vtp Instrument ID: CHG.i
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 05-Dec-2022 12:55:23 Calib Date: 22-Nov-2022 00:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1677

First Level Reviewer: BKZ7

Date: 05-Dec-2022 12:55:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		3.110					ND	7
2 Dichlorodifluoromethane	85		3.169					ND	7
3 Chlorodifluoromethane	51		3.196					ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.393					ND	7
5 Chloromethane	50		3.474					ND	
6 Vinyl chloride	62		3.682					ND	
7 Butane	43		3.682					ND	MU
8 Butadiene	54		3.757					ND	
9 Bromomethane	94		4.260					ND	
10 Chloroethane	64		4.453					ND	
11 2-Methylbutane	43		4.613					ND	
12 Vinyl bromide	106		4.779					ND	
13 Trichlorofluoromethane	101		4.907					ND	
14 Pentane	43		5.073					ND	
15 Ethanol	45		5.202					ND	
16 Ethyl ether	59		5.421					ND	
17 Acrolein	56		5.630					ND	
18 1,1-Dichloroethene	96		5.806					ND	7
21 1,1,2-Trichloro-1,2,2-trifluoro	101		5.838					ND	
19 Acetone	43		5.881					ND	7
22 Isopropyl alcohol	45		6.138					ND	7
23 Carbon disulfide	76		6.191					ND	
24 Acetonitrile	41		6.341					ND	
25 3-Chloro-1-propene	41		6.448					ND	7
26 Methylene Chloride	49		6.662					ND	7
27 2-Methyl-2-propanol	59		6.882					ND	
28 Acrylonitrile	53		7.053					ND	
29 trans-1,2-Dichloroethene	61		7.149					ND	
30 Methyl tert-butyl ether	73		7.165					ND	7
31 Hexane	57		7.652					ND	
32 1,1-Dichloroethane	63		7.898					ND	
33 Vinyl acetate	43		7.914					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 2-Butanone (MEK)	72		8.872					ND	
35 cis-1,2-Dichloroethene	96		8.888					ND	
36 Ethyl acetate	88		8.963					ND	
* 37 Chlorobromomethane	128	9.310	9.305	0.005	72	211292	10.0	10.0	
38 Tetrahydrofuran	42		9.374					ND	
39 Chloroform	83		9.492					ND	
S 43 1,2-Dichloroethene, Total	61		9.665					ND	7
40 1,1,1-Trichloroethane	97		9.813					ND	
41 Cyclohexane	84		9.963					ND	
42 Carbon tetrachloride	117		10.107					ND	
44 Benzene	78	10.482	10.482	0.000	1	1900		0.0347	
45 1,2-Dichloroethane	62		10.562					ND	
46 Isooctane	57		10.733					ND	
47 n-Heptane	43		11.076					ND	7
* 48 1,4-Difluorobenzene	114	11.305	11.300	0.005	92	1005492	10.0	10.0	
49 n-Butanol	56		11.637					ND	
50 Trichloroethene	95		11.787					ND	
51 1,2-Dichloropropane	63		12.290					ND	
54 Methyl methacrylate	69		12.418					ND	
55 1,4-Dioxane	88		12.461					ND	
53 Dibromomethane	174		12.467					ND	7
A 57 GRO	1	12.560	(4.603-20.517)		0	3662383		0	
56 Dichlorobromomethane	83		12.814					ND	
58 cis-1,3-Dichloropropene	75		13.702					ND	7
59 4-Methyl-2-pentanone (MIBK)	43		14.023					ND	
A 62 TVOC as Toluene	92	14.291	(3.100-25.482)		0	3721230		0	
60 Toluene	92	14.408	14.403	0.005	24	1036		0.0255	
A 61 Toluene Range	92	14.403	(14.363-14.443)		0	12029		NC	
63 n-Octane	43		14.692					ND	7
A 64 C8 Range	1	14.697	(14.670-14.725)		0	2576		NC	
65 trans-1,3-Dichloropropene	75		14.858					ND	7
66 1,1,2-Trichloroethane	83		15.254					ND	
67 Tetrachloroethene	166		15.468					ND	7
68 2-Hexanone	43		15.735					ND	7
69 Chlorodibromomethane	129		16.040					ND	
70 Ethylene Dibromide	107		16.292					ND	7
* 71 Chlorobenzene-d5	117	17.265	17.265	0.000	83	897091	10.0	10.0	
72 Chlorobenzene	112		17.329					ND	7
73 Ethylbenzene	91	17.543	17.543	0.000	92	3499		0.0392	
74 m-Xylene & p-Xylene	106		17.822					ND	7
75 n-Nonane	57		17.902					ND	
76 o-Xylene	106	18.629	18.629	0.000	1	737		0.0201	
77 Styrene	104		18.667					ND	MU
78 Bromoform	173		19.036					ND	7
79 Isopropylbenzene	105	19.389	19.389	0.000	1	949		0.009822	
S 82 Xylenes, Total	106				0			0.0201	7
80 1,1,2,2-Tetrachloroethane	83		19.940					ND	7
81 1,2,3-Trichloropropane	75		20.042					ND	
83 N-Propylbenzene	91		20.154					ND	MU
84 2-Chlorotoluene	91		20.299					ND	7
85 4-Ethyltoluene	105		20.363					ND	MU
86 1,3,5-Trimethylbenzene	105		20.464					ND	MU

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
87 n-Decane	57	20.512	20.507	0.005	79	2082		0.0667	
88 Alpha Methyl Styrene	118		20.801				ND		7
89 tert-Butylbenzene	119		20.962				ND		MU
90 1,2,4-Trimethylbenzene	105		21.053				ND		MU
91 sec-Butylbenzene	105		21.304				ND		MU
92 1,3-Dichlorobenzene	146	21.475	21.475	0.000	92	2940		0.0393	
93 4-Isopropyltoluene	119		21.524				ND		MU
94 1,4-Dichlorobenzene	146	21.620	21.620	0.000	92	4030		0.0533	
95 Benzyl chloride	91		21.775				ND		MU
97 n-Butylbenzene	91		22.091				ND		MU
96 1,2-Dichlorobenzene	146		22.117				ND		MU
98 Undecane	57		22.257				ND		MU
99 Dodecane	57		23.856				ND		7
100 1,2,4-Trichlorobenzene	180	24.578	24.578	0.000	84	5054		0.0706	
101 Hexachlorobutadiene	225		24.830				ND		MU
102 Naphthalene	128	25.065	25.060	0.005	98	6785		0.0530	
103 1,2,3-Trichlorobenzene	180		25.472				ND		MU

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15GIS_00019

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-005.D

Injection Date: 05-Dec-2022 09:58:30

Instrument ID: CHG.i

Operator ID: vtp

Lims ID: MB

Worklist Smp#: 5

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

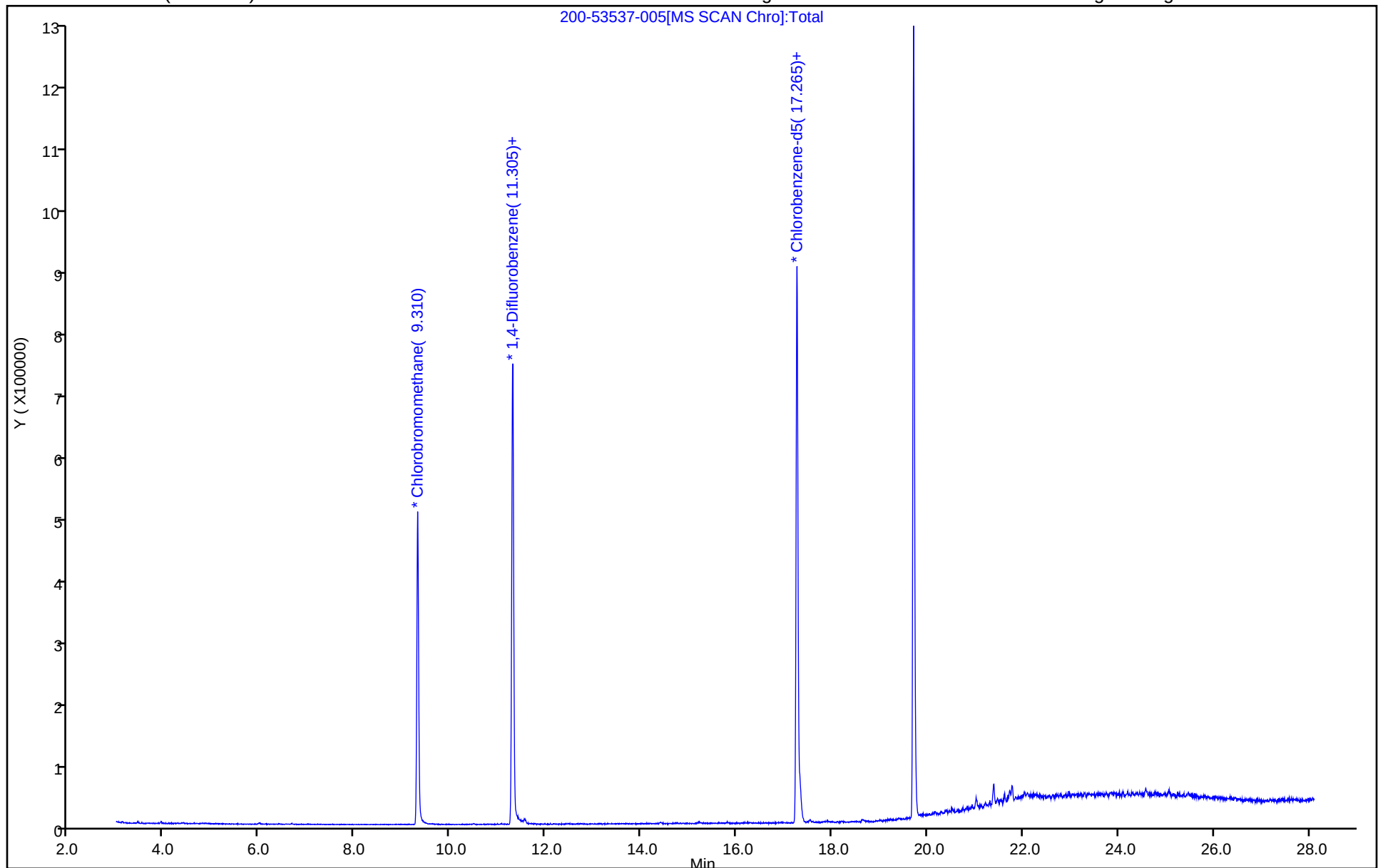
ALS Bottle#: 4

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

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



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-005.D

Injection Date: 05-Dec-2022 09:58:30

Instrument ID: CHG.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_MasterMethod_(v1)_G

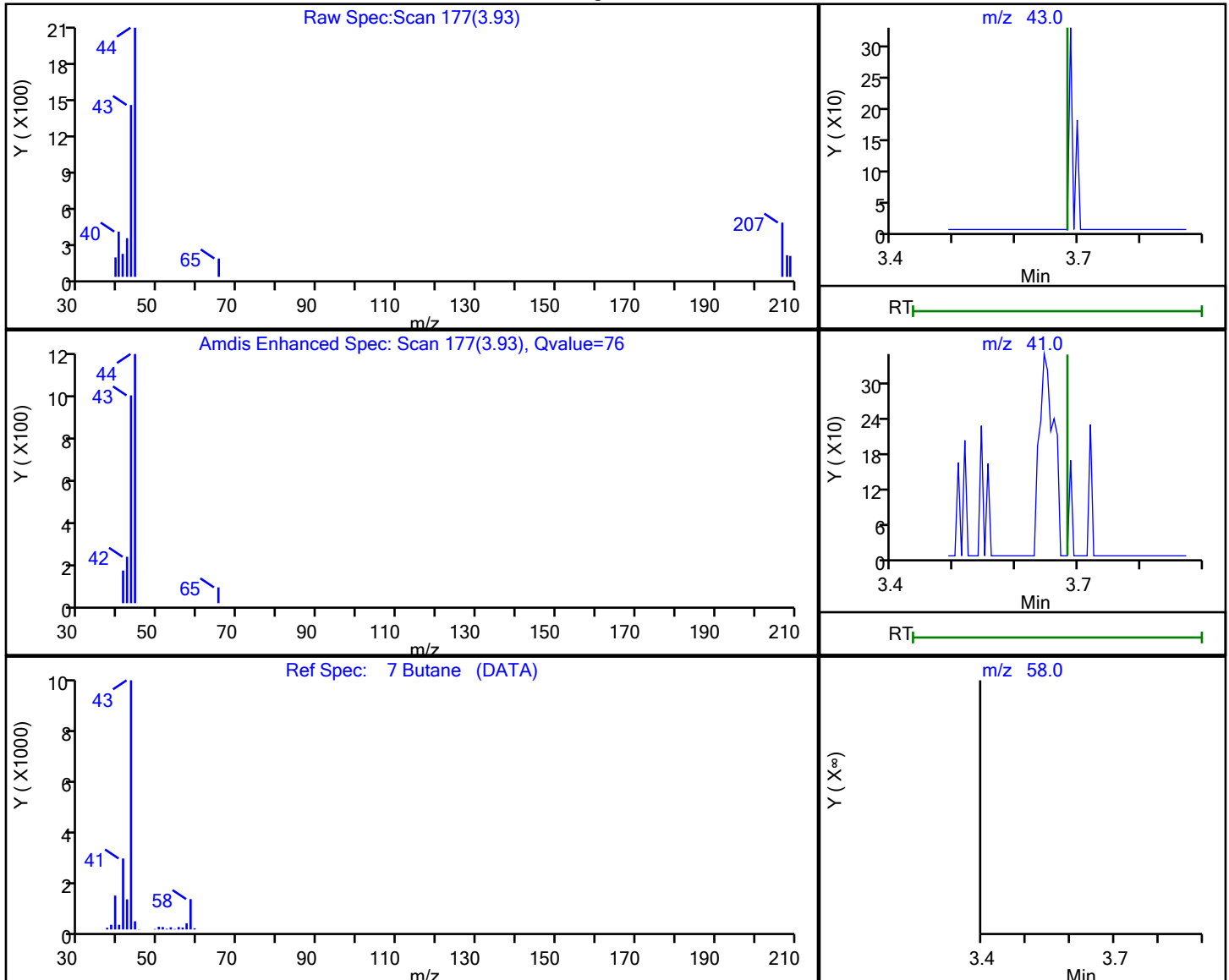
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

7 Butane, CAS: 106-97-8

Processing Results



RT	Mass	Response	Amount
3.93	43.00	1893	0.103840
3.92	41.00	210	
3.68	58.00	0	

Reviewer: BKZ7, 05-Dec-2022 12:55:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-005.D

Injection Date: 05-Dec-2022 09:58:30

Instrument ID: CHG.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_MasterMethod_(v1)_G

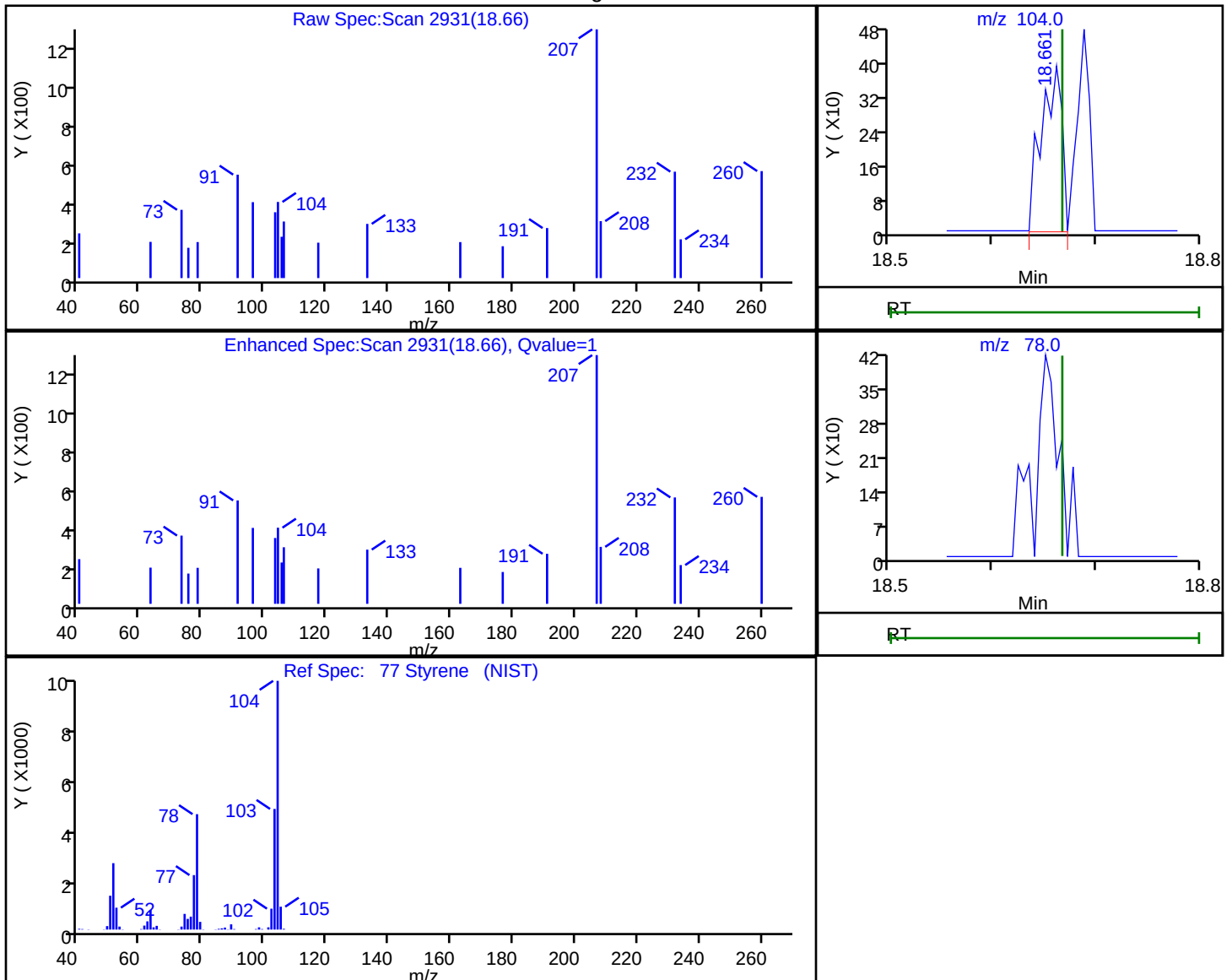
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

77 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
18.66	104.00	532	0.009763
18.67	78.00	0	

Reviewer: BKZ7, 05-Dec-2022 12:54:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-005.D

Injection Date: 05-Dec-2022 09:58:30

Instrument ID: CHG.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_MasterMethod_(v1)_G

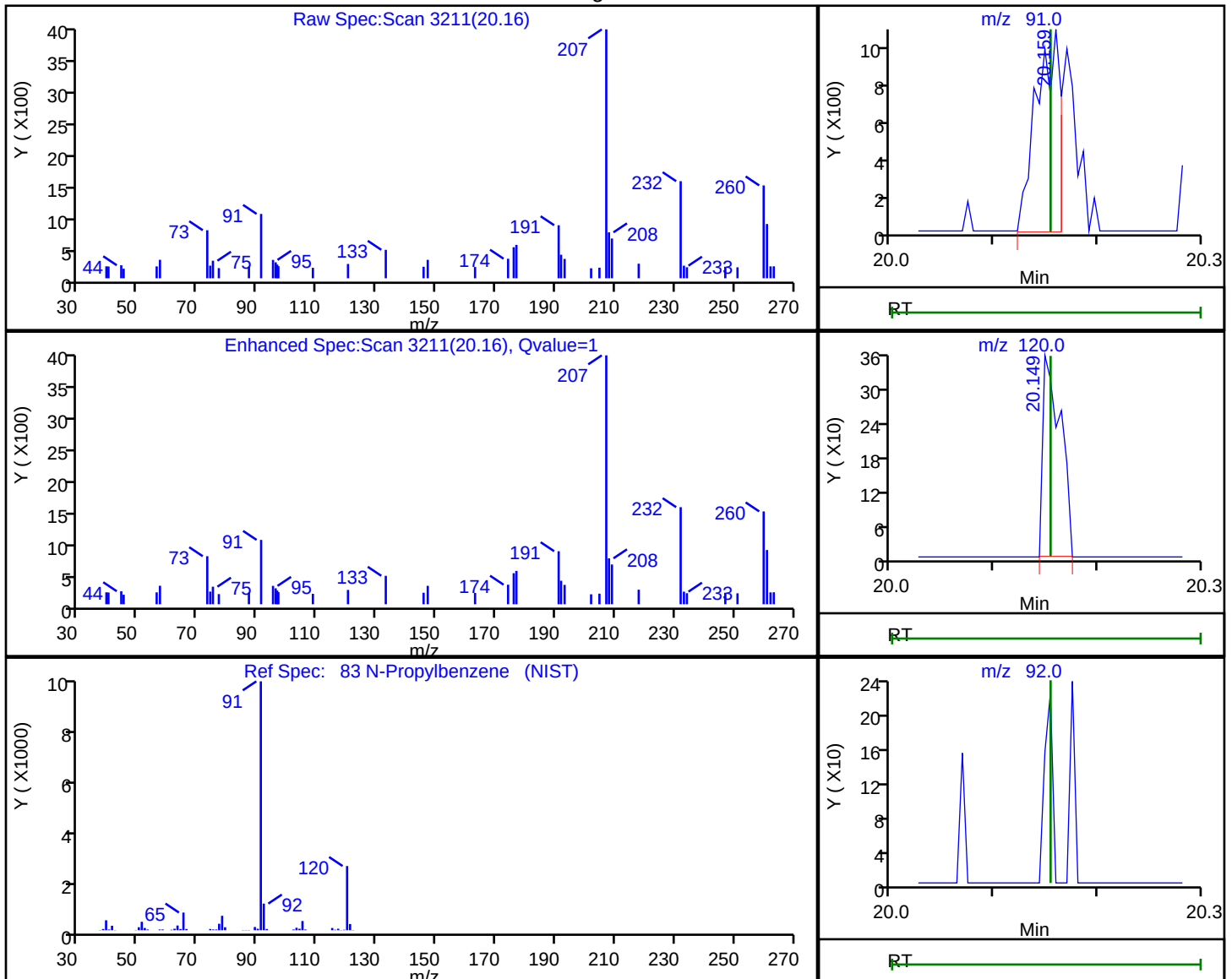
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

83 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
20.16	91.00	1672	0.015487
20.15	120.00	427	
20.15	92.00	0	

Reviewer: BKZ7, 05-Dec-2022 12:54:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-005.D

Injection Date: 05-Dec-2022 09:58:30

Instrument ID: CHG.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_MasterMethod_(v1)_G

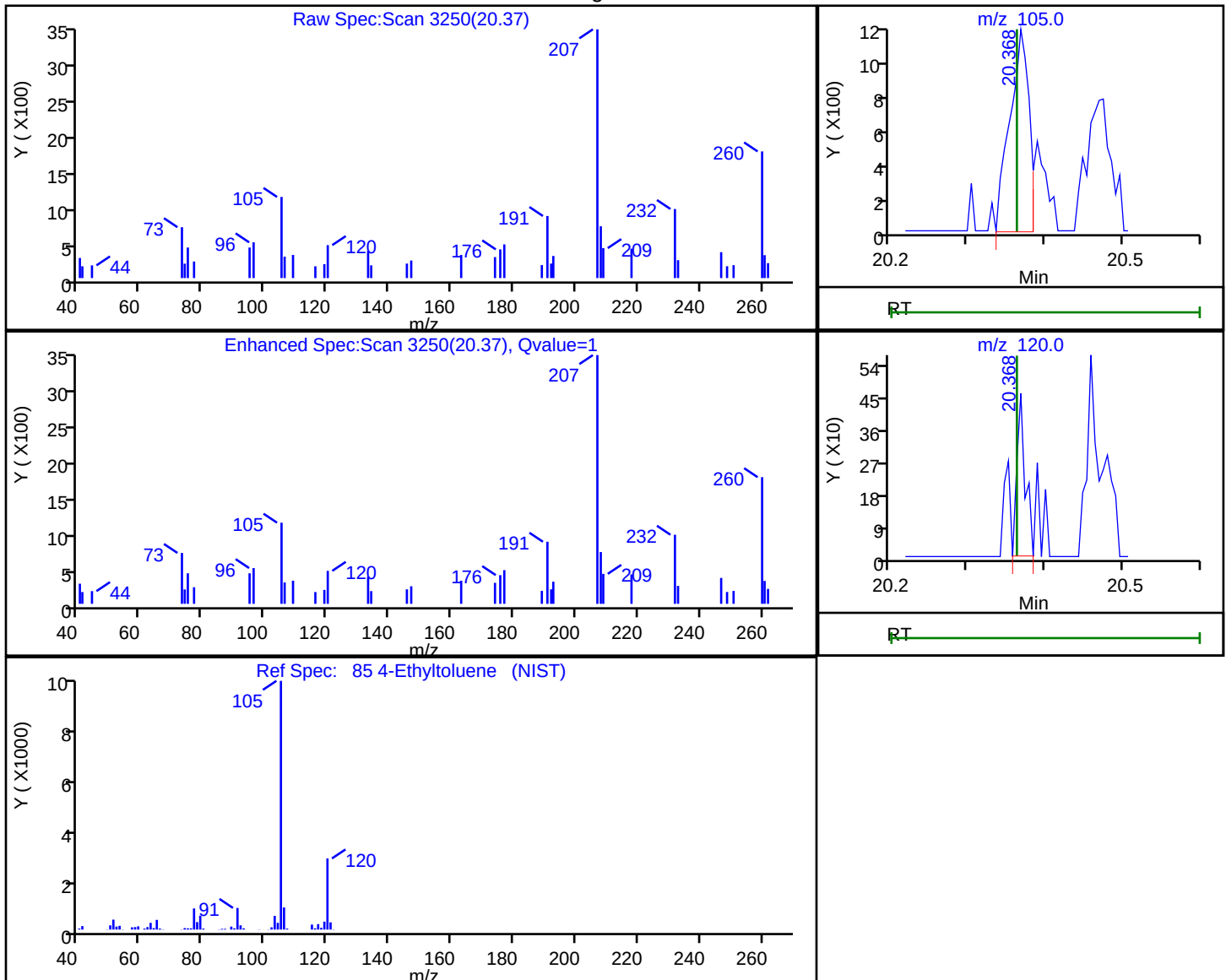
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

85 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
20.37	105.00	1965	0.021141
20.37	120.00	351	

Reviewer: BKZ7, 05-Dec-2022 12:54:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-005.D

Injection Date: 05-Dec-2022 09:58:30

Instrument ID: CHG.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_MasterMethod_(v1)_G

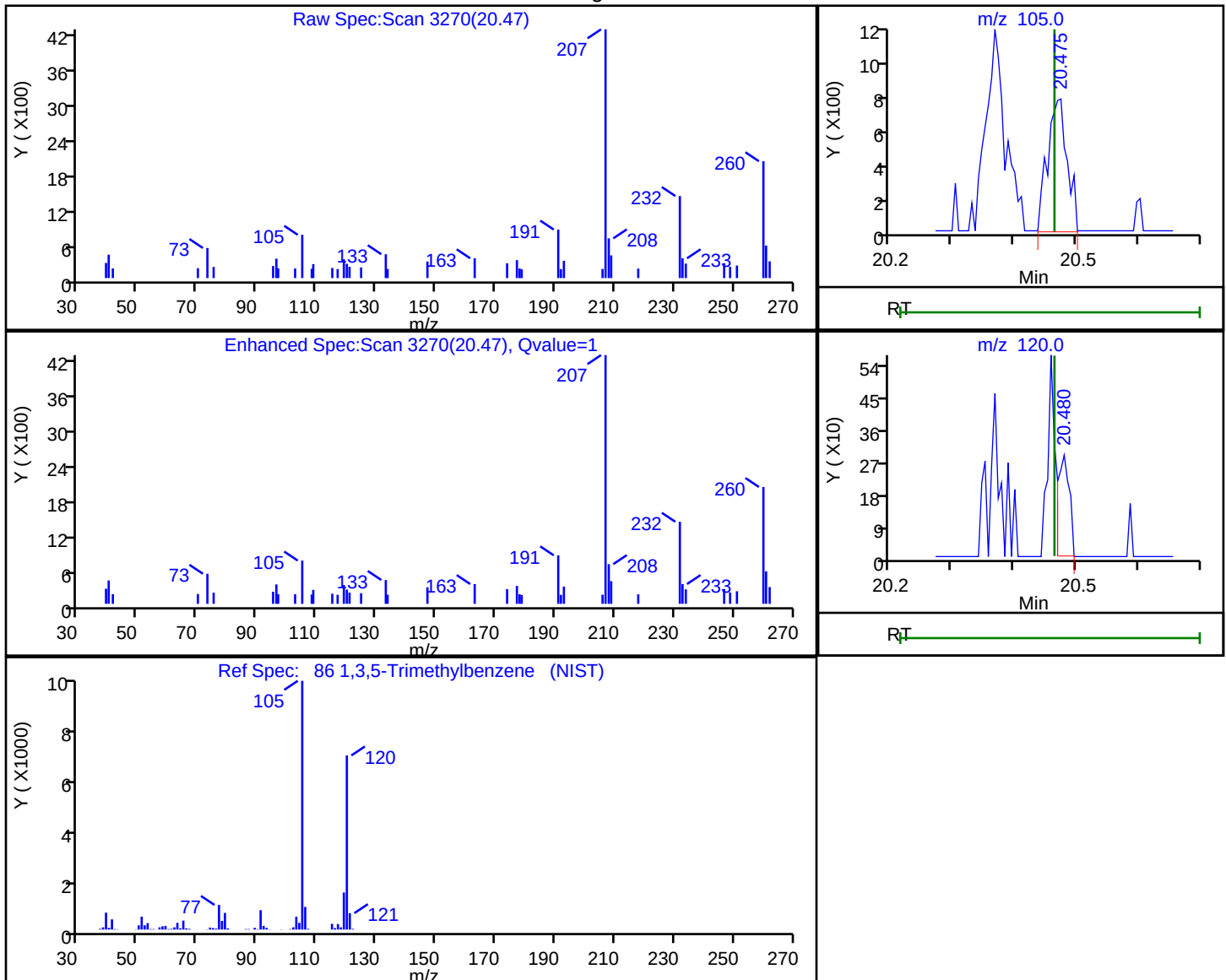
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

86 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
20.47	105.00	1635	0.020680
20.48	120.00	364	

Reviewer: BKZ7, 05-Dec-2022 12:54:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-005.D

Injection Date: 05-Dec-2022 09:58:30

Instrument ID: CHG.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_MasterMethod_(v1)_G

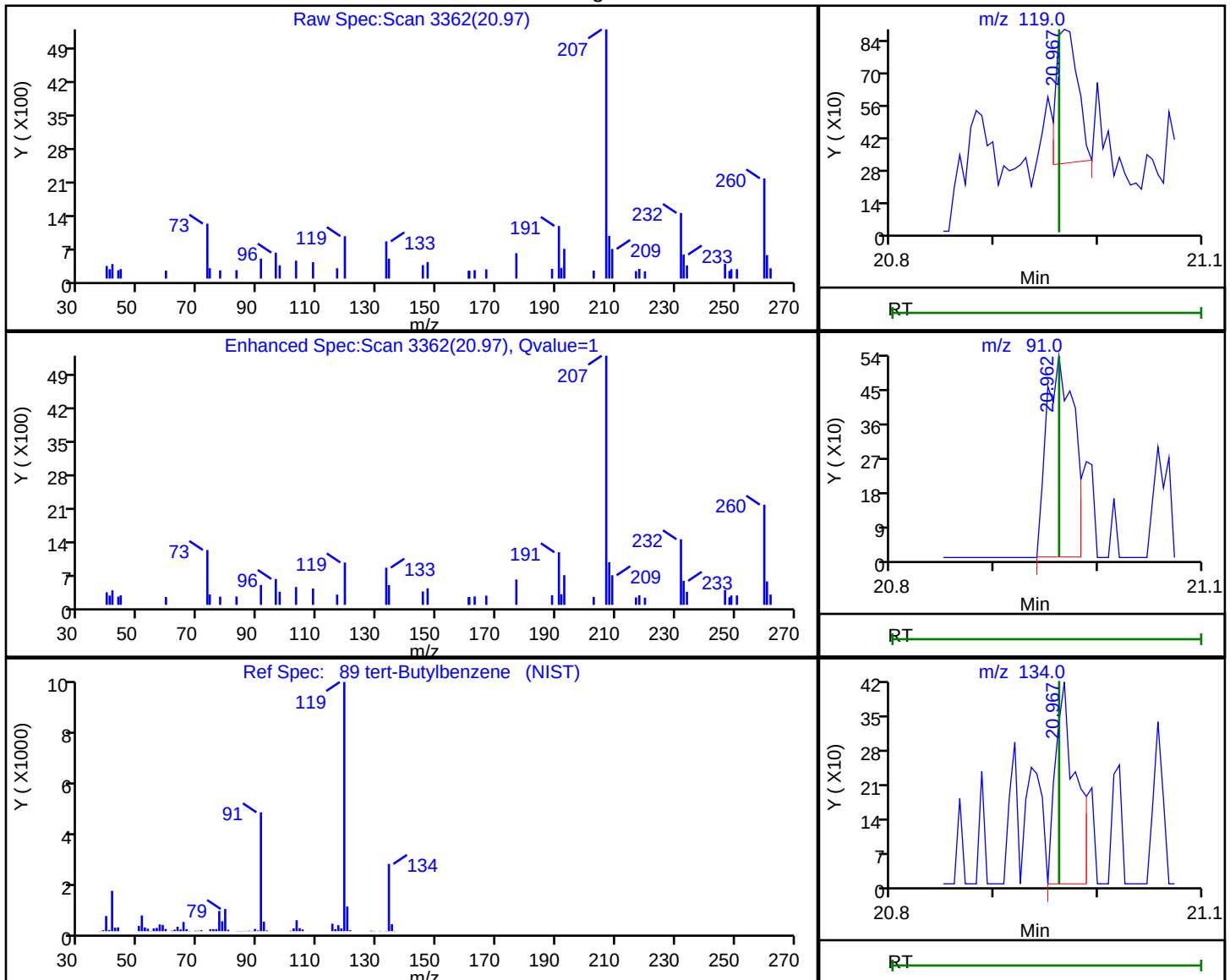
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
20.97	119.00	857	0.011180
20.96	91.00	986	
20.97	134.00	571	

Reviewer: BKZ7, 05-Dec-2022 12:54:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-005.D

Injection Date: 05-Dec-2022 09:58:30

Instrument ID: CHG.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_MasterMethod_(v1)_G

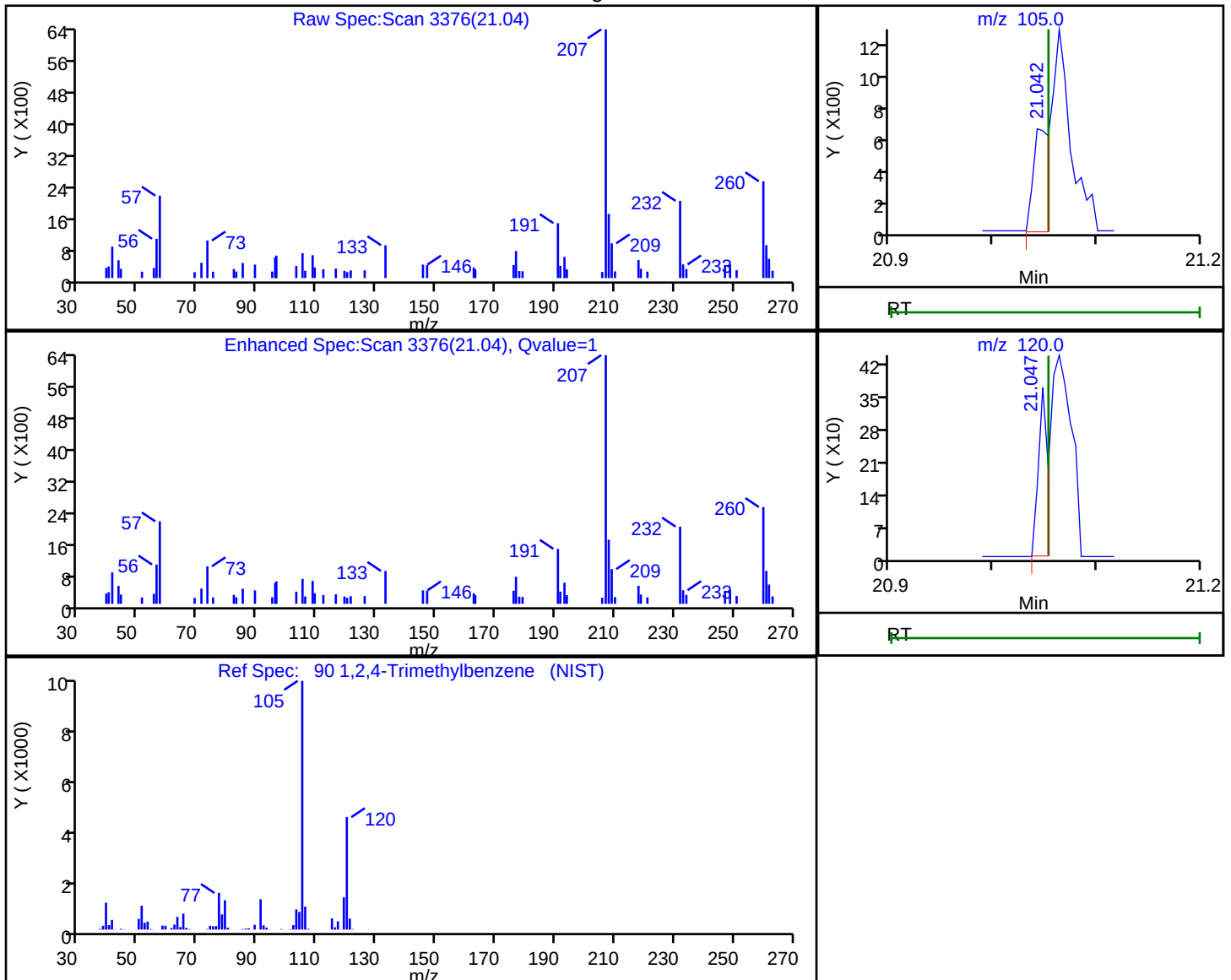
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

90 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
21.04	105.00	676	0.008249
21.05	120.00	228	

Reviewer: BKZ7, 05-Dec-2022 12:54:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-005.D

Injection Date: 05-Dec-2022 09:58:30

Instrument ID: CHG.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_MasterMethod_(v1)_G

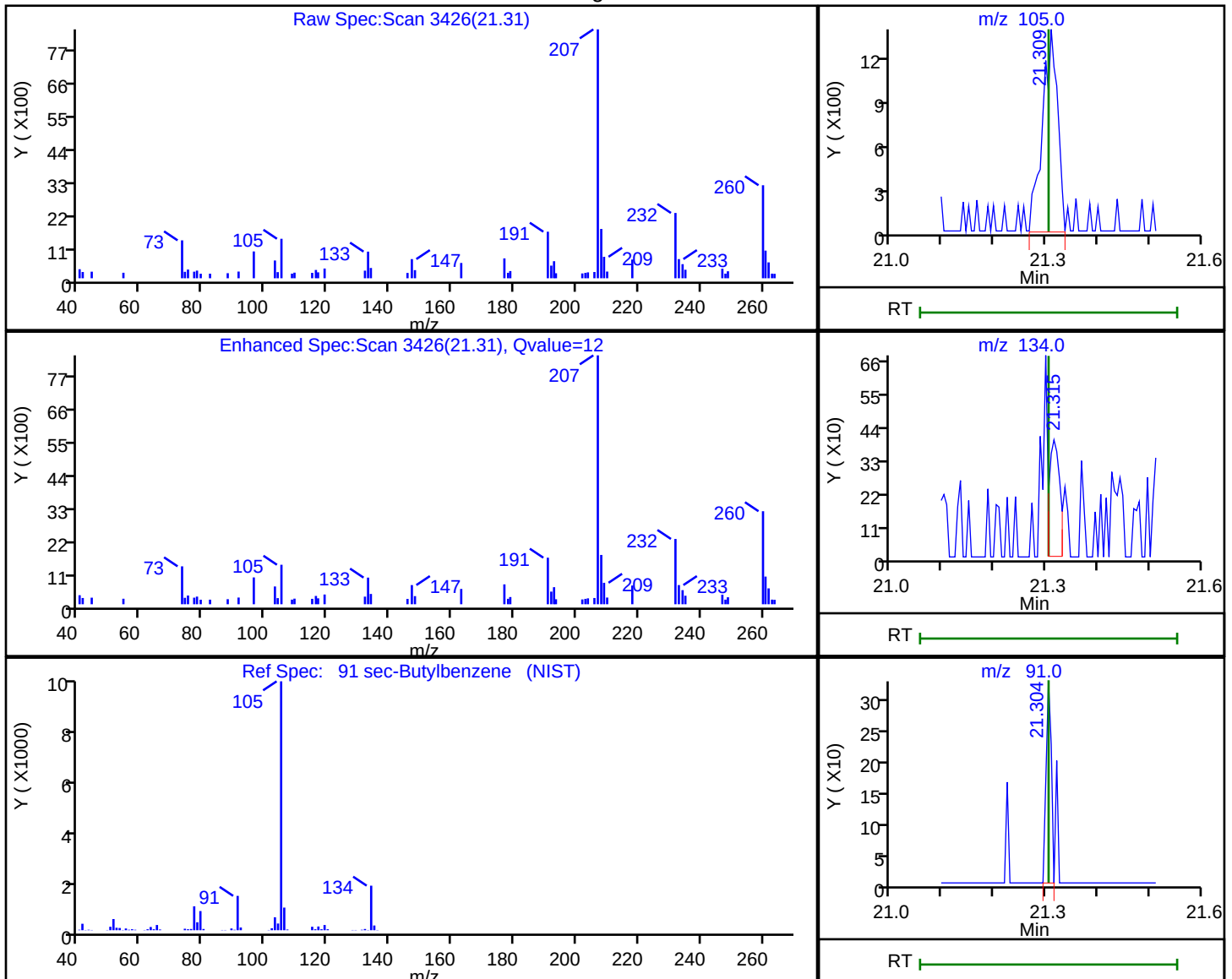
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

91 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
21.31	105.00	2694	0.024374
21.31	134.00	552	
21.30	91.00	230	

Reviewer: BKZ7, 05-Dec-2022 12:54:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-005.D

Injection Date: 05-Dec-2022 09:58:30

Instrument ID: CHG.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_MasterMethod_(v1)_G

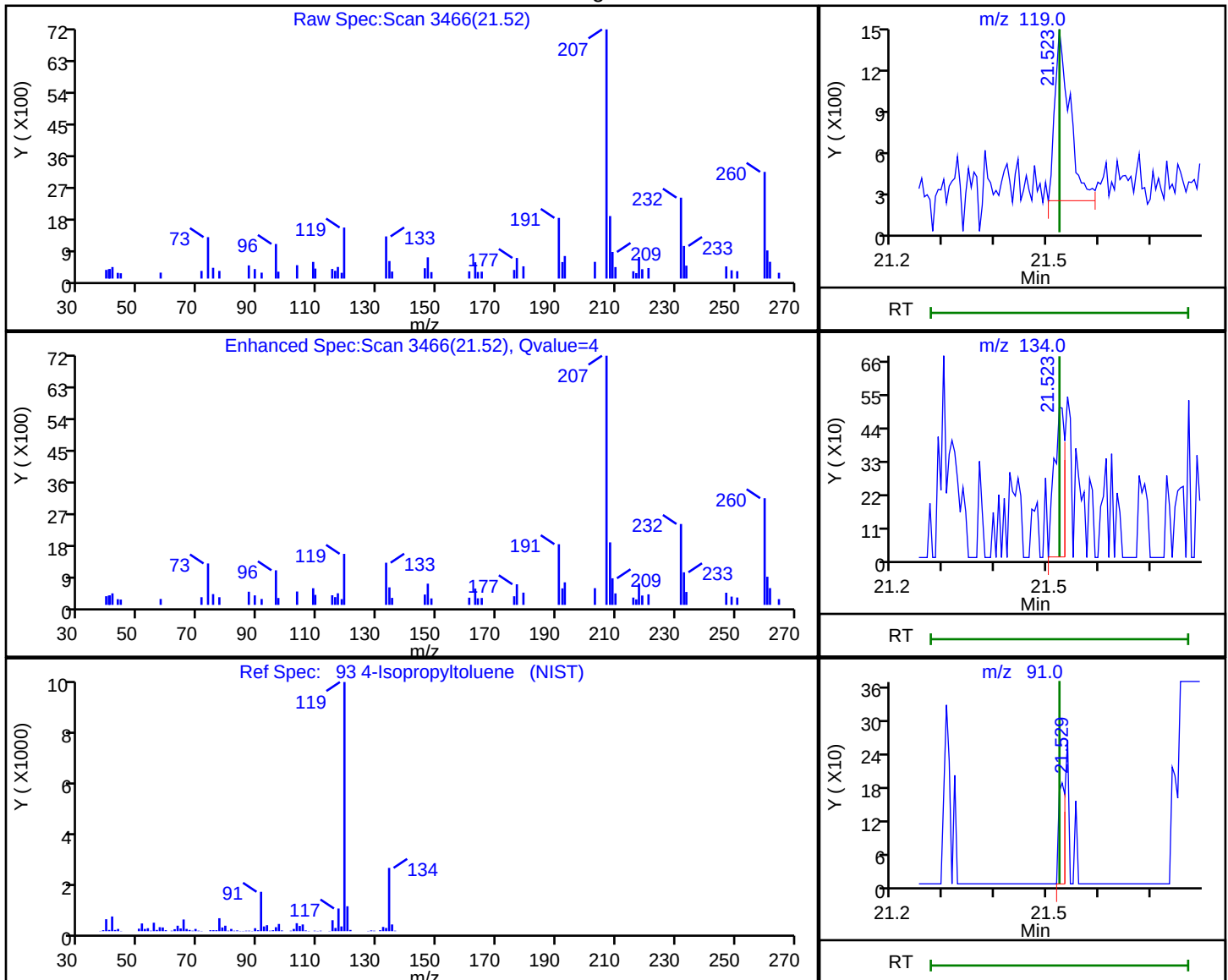
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

93 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
21.52	119.00	2523	0.026365
21.52	134.00	716	
21.53	91.00	166	

Reviewer: BKZ7, 05-Dec-2022 12:54:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-005.D

Injection Date: 05-Dec-2022 09:58:30

Instrument ID: CHG.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_MasterMethod_(v1)_G

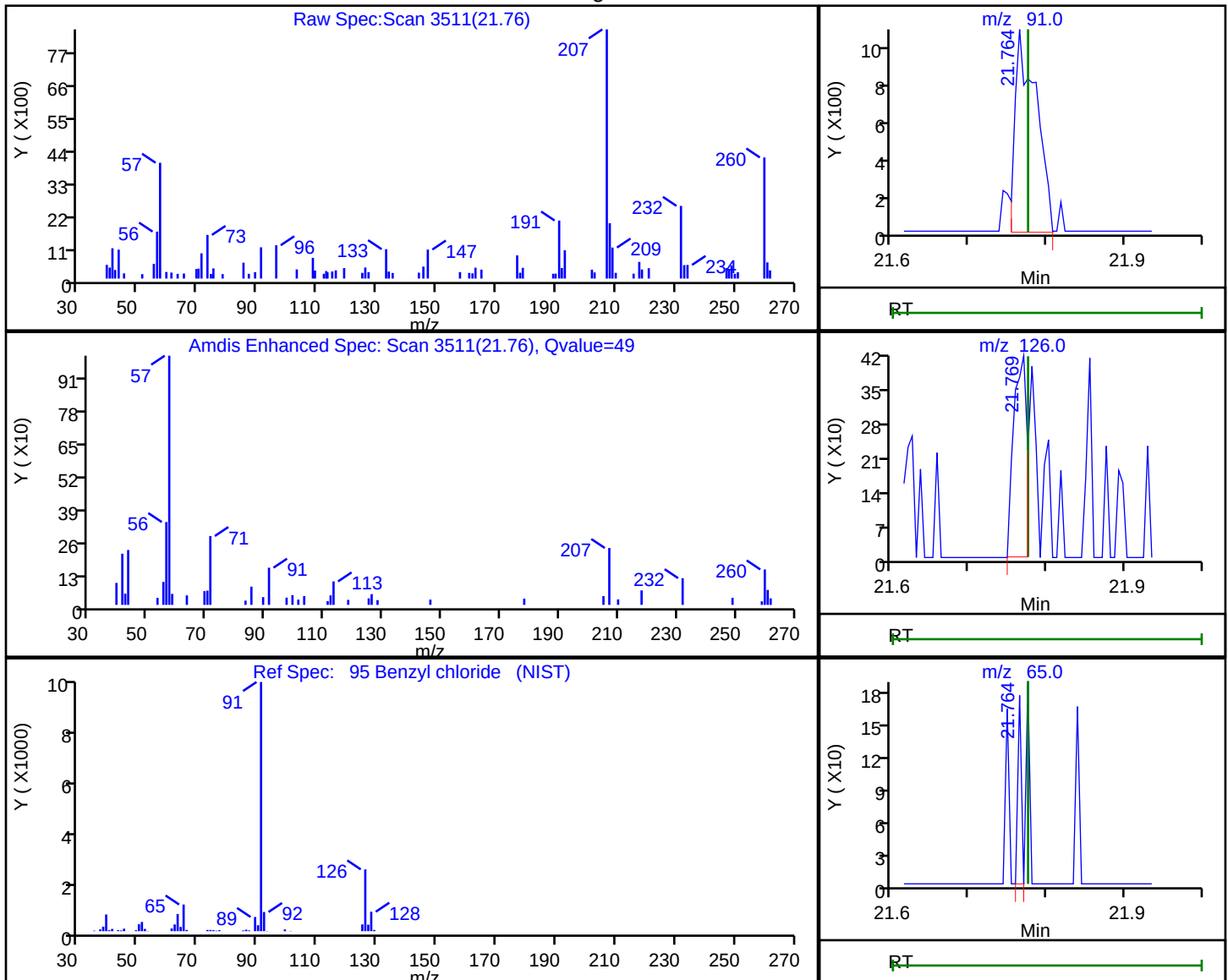
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

95 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
21.76	91.00	2000	0.025198
21.77	126.00	504	
21.76	65.00	54	

Reviewer: BKZ7, 05-Dec-2022 12:54:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-005.D

Injection Date: 05-Dec-2022 09:58:30

Instrument ID: CHG.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_MasterMethod_(v1)_G

Limit Group:

AI_TO15_ICAL

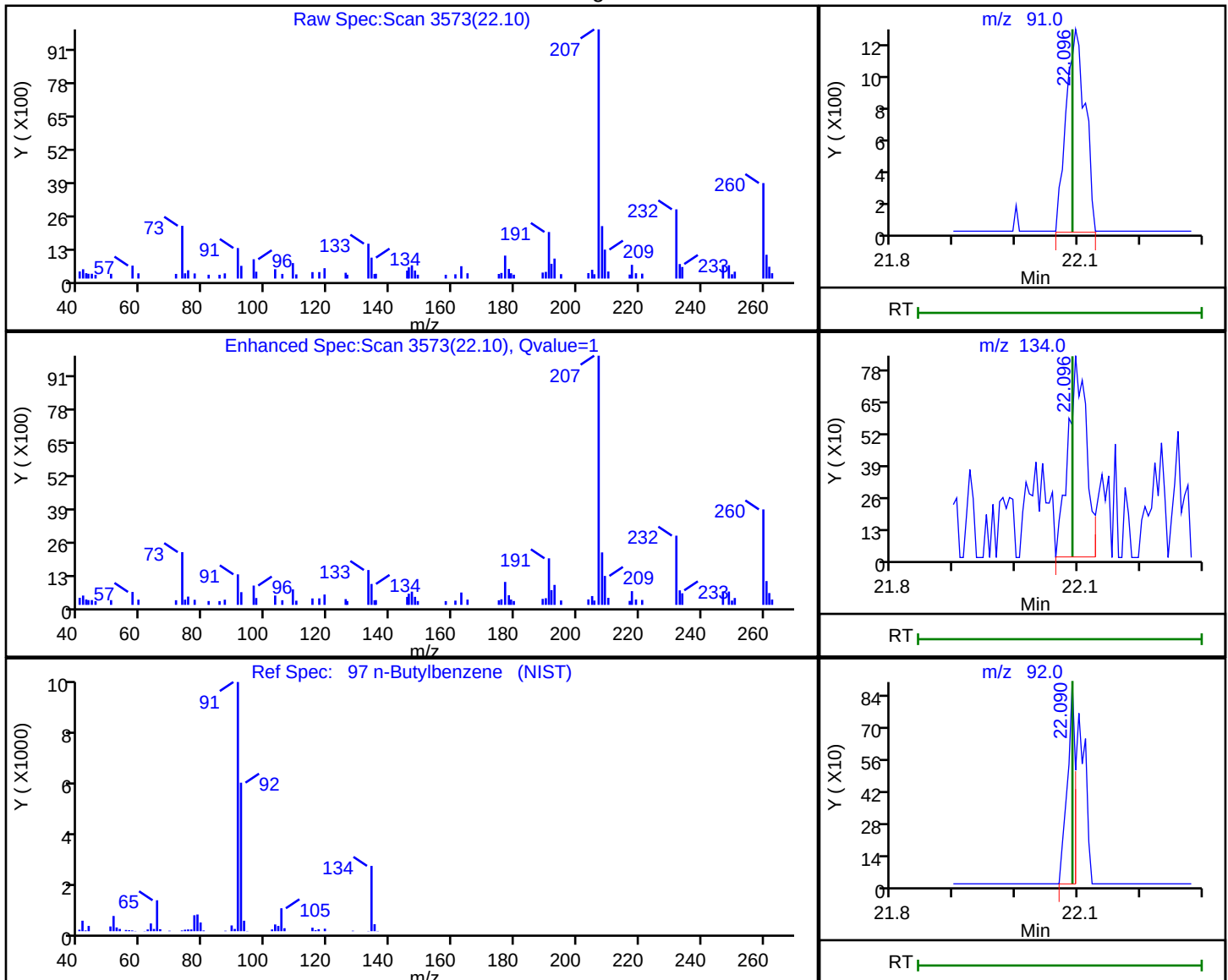
Column: RTX-624 (0.32 mm)

Detector

MS SCAN

97 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
22.10	91.00	2576	0.031567
22.10	134.00	1697	
22.09	92.00	792	

Reviewer: BKZ7, 05-Dec-2022 12:54:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-005.D

Injection Date: 05-Dec-2022 09:58:30

Instrument ID: CHG.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_MasterMethod_(v1)_G

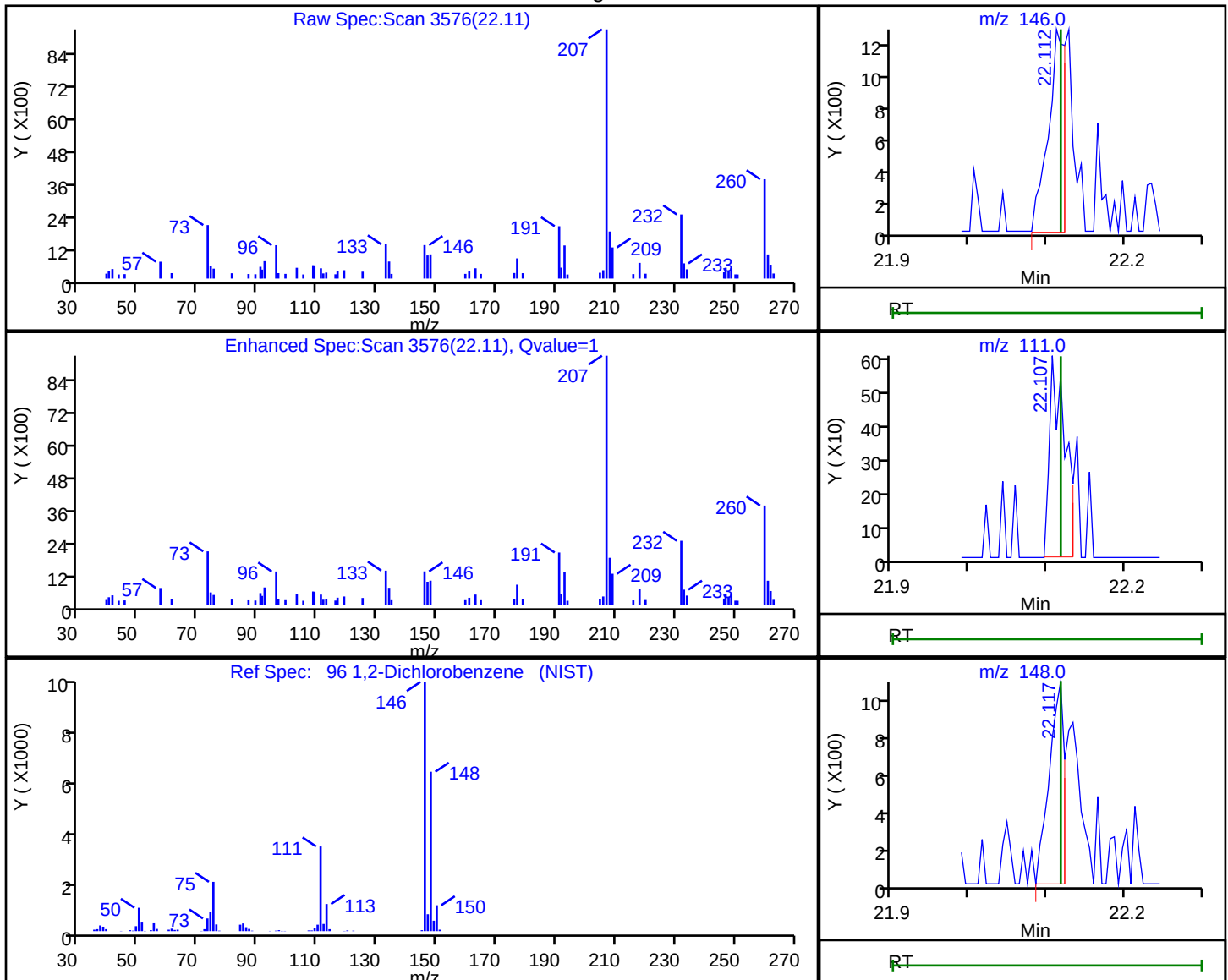
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

96 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
22.11	146.00	1876	0.025485
22.11	111.00	847	
22.12	148.00	1375	

Reviewer: BKZ7, 05-Dec-2022 12:54:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-005.D

Injection Date: 05-Dec-2022 09:58:30

Instrument ID: CHG.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_MasterMethod_(v1)_G

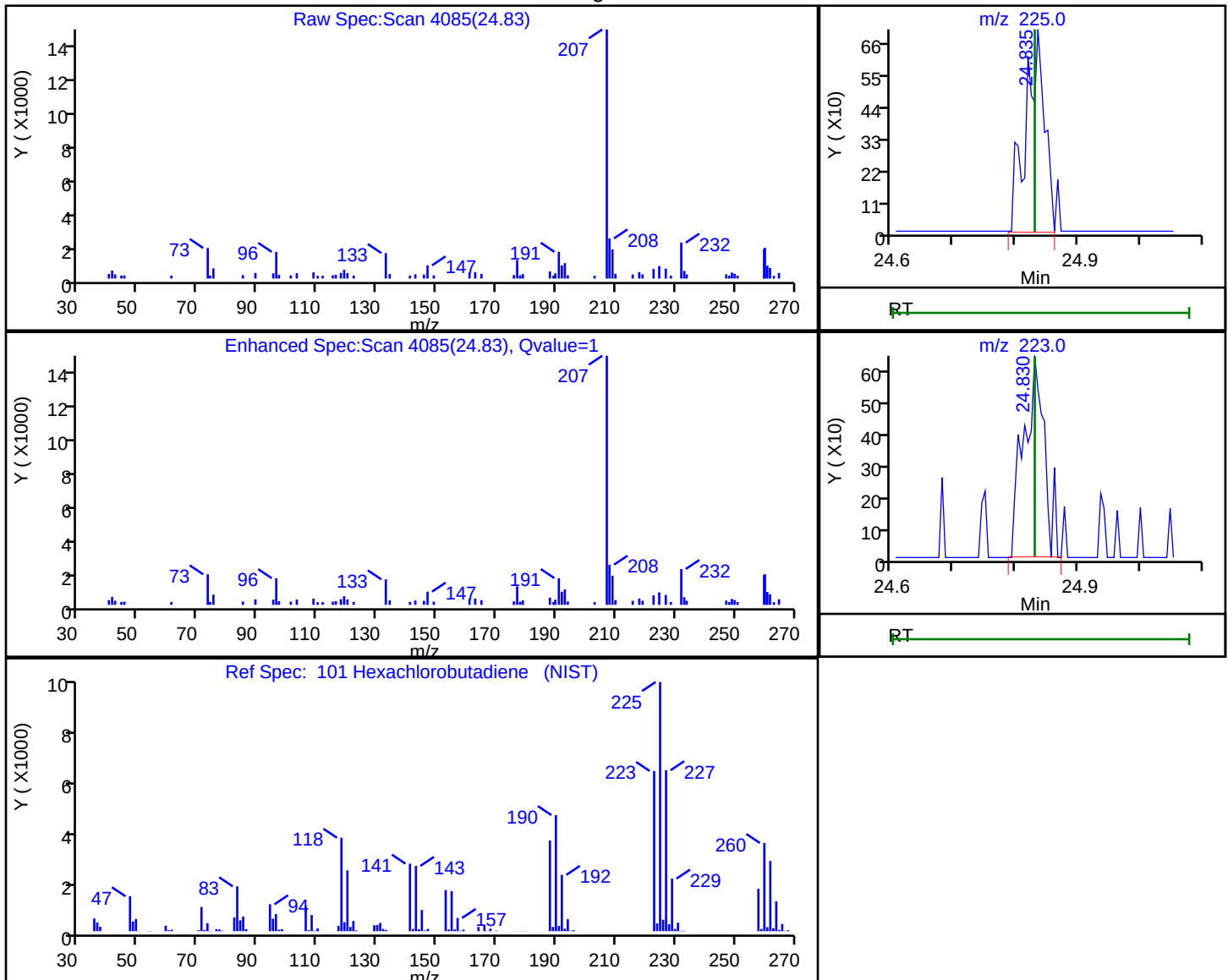
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

101 Hexachlorobutadiene, CAS: 87-68-3

Processing Results



RT	Mass	Response	Amount
24.83	225.00	1470	0.021291
24.83	223.00	1488	

Reviewer: BKZ7, 05-Dec-2022 12:53:58

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.: 200-65967-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-186397/5

Matrix: Air Lab File ID: 53566-005.d

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 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.: 186397 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	0.50	U	0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.048
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.15
106-97-8	n-Butane	58.12	0.50	U	0.50	0.20
75-01-4	Vinyl chloride	62.50	0.078	U	0.078	0.021
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.039
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.071
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.18
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.20	U	0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	0.20	U	0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	0.035	U	0.035	0.026
67-64-1	Acetone	58.08	5.0	U	5.0	1.6
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	1.6
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.13
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.12
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.50	U	0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.025
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	0.50	U	0.50	0.021
540-59-0	1,2-Dichloroethene, Total	96.94	0.40	U	0.40	0.10
67-66-3	Chloroform	119.38	0.20	U	0.20	0.041
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.044
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.058
56-23-5	Carbon tetrachloride	153.81	0.035	U	0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.038

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-186397/5

Matrix: Air Lab File ID: 53566-005.d

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 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.: 186397 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	0.20	U	0.20	0.044
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.093
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.055
79-01-6	Trichloroethene	131.39	0.035	U	0.035	0.025
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.094
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	1.3
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.045
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.13
108-88-3	Toluene	92.14	0.20	U	0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	0.20	U	0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.074
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.15
124-48-1	Dibromochloromethane	208.28	0.20	U	0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	112.56	0.20	U	0.20	0.044
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.052
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.095
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.052
1330-20-7	Xylene (total)	106.17	0.70	U	0.70	0.11
100-42-5	Styrene	104.15	0.20	U	0.20	0.059
75-25-2	Bromoform	252.75	0.20	U	0.20	0.12
98-82-8	Cumene	120.19	0.20	U	0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	0.20	U	0.20	0.043
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.047
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.047
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.046
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.080

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-186397/5
 Matrix: Air Lab File ID: 53566-005.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 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.: 186397 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.061
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.089
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.11
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.30

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-186397/5

Matrix: Air Lab File ID: 53566-005.d

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 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.: 186397 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.54
75-45-6	Chlorodifluoromethane	86.47	1.8	U	1.8	0.42
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.34
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.31
106-97-8	n-Butane	58.12	1.2	U	1.2	0.48
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.054
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.086
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.28
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.47
593-60-2	Bromoethene (Vinyl Bromide)	106.96	0.87	U	0.87	0.22
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.28
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	1.5	U	1.5	0.41
75-35-4	1,1-Dichloroethene	96.94	0.14	U	0.14	0.10
67-64-1	Acetone	58.08	12	U	12	3.8
67-63-0	Isopropyl alcohol	60.10	12	U	12	3.9
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.40
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.38
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.63
75-65-0	tert-Butyl alcohol	74.12	15	U	15	3.6
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.13
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	1.8	U	1.8	0.39
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.10
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	1.4
156-59-2	cis-1,2-Dichloroethene	96.94	2.0	U	2.0	0.083
540-59-0	1,2-Dichloroethene, Total	96.94	1.6	U	1.6	0.40
67-66-3	Chloroform	119.38	0.98	U	0.98	0.20
109-99-9	Tetrahydrofuran	72.11	15	U	15	3.8
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.24
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.20
56-23-5	Carbon tetrachloride	153.81	0.22	U	0.22	0.14
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.18

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-186397/5

Matrix: Air Lab File ID: 53566-005.d

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 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.: 186397 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	0.64	U	0.64	0.14
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.38
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.23
79-01-6	Trichloroethene	131.39	0.19	U	0.19	0.13
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.57
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.43
123-91-1	1,4-Dioxane	88.11	18	U	18	4.7
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.34
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.20
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.53
108-88-3	Toluene	92.14	0.75	U	0.75	0.16
10061-02-6	trans-1,3-Dichloropropene	110.97	0.91	U	0.91	0.25
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.40
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.14
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.61
124-48-1	Dibromochloromethane	208.28	1.7	U	1.7	0.54
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.32
108-90-7	Chlorobenzene	112.56	0.92	U	0.92	0.20
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.23
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.41
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.23
1330-20-7	Xylene (total)	106.17	3.0	U	3.0	0.48
100-42-5	Styrene	104.15	0.85	U	0.85	0.25
75-25-2	Bromoform	252.75	2.1	U	2.1	1.2
98-82-8	Cumene	120.19	0.98	U	0.98	0.20
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.4	U	1.4	0.30
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.23
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.24
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.23
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.24
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.26
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.39

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-186397/5
 Matrix: Air Lab File ID: 53566-005.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 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.: 186397 Units: ug/m3

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

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

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-65967-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 200-186397/5</u>
Matrix: <u>Air</u>	Lab File ID: <u>53566-005.d</u>
Analysis Method: <u>TO-15</u>	Date Collected: _____
Sample wt/vol: <u>200 (mL)</u>	Date Analyzed: <u>12/06/2022 10:50</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>186397</u>	Units: <u>ppb v/v</u>
Number TICs Found: <u>0</u>	TIC Result Total: <u>0</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 06-Dec-2022 10:50:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053566-005
 Operator ID: vtp Instrument ID: CHW.i
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 07-Dec-2022 10:28:29 Calib Date: 01-Dec-2022 23:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-013.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1627

First Level Reviewer: puangmaleek

Date: 07-Dec-2022 10:28:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41		4.078					ND	7
2 Dichlorodifluoromethane	85		4.169					ND	7
3 Chlorodifluoromethane	51		4.212					ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.511					ND	7
5 Chloromethane	50		4.629					ND	7
6 Vinyl chloride	62		4.923					ND	MU
7 Butane	43		4.929					ND	7
8 Butadiene	54		5.036					ND	7
9 Bromomethane	94		5.736					ND	MU
10 Chloroethane	64		6.004					ND	MU
12 2-Methylbutane	43		6.213					ND	MU
13 Vinyl bromide	106		6.421					ND	7
14 Trichlorofluoromethane	101		6.582					ND	7
15 Pentane	43		6.785					ND	7
16 Ethanol	45		6.951					ND	MU
18 Ethyl ether	59		7.202					ND	MU
19 Acrolein	56		7.432					ND	MU
20 1,1-Dichloroethene	96		7.630					ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoro	101		7.673					ND	7
22 Acetone	43		7.710					ND	7
23 Isopropyl alcohol	45		8.005					ND	7
24 Carbon disulfide	76		8.037					ND	MU
25 Acetonitrile	41		8.203					ND	7
26 3-Chloro-1-propene	41		8.326					ND	7
27 Methylene Chloride	49		8.550					ND	MU
28 2-Methyl-2-propanol	59		8.775					ND	
29 Acrylonitrile	53		8.946					ND	7
30 trans-1,2-Dichloroethene	61		9.053					ND	MU
31 Methyl tert-butyl ether	73		9.064					ND	MU
32 Hexane	57		9.556					ND	MU
33 1,1-Dichloroethane	63		9.802					ND	MU
34 Vinyl acetate	43		9.824					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		10.765					ND	7
37 cis-1,2-Dichloroethene	96		10.792					ND	MU
38 Ethyl acetate	88		10.856					ND	MU
* 39 Chlorobromomethane	128	11.193	11.198	-0.005	73	99992	10.0	10.0	
40 Tetrahydrofuran	42		11.247					ND	7
41 Chloroform	83		11.375					ND	
42 1,1,1-Trichloroethane	97		11.680					ND	7
43 Cyclohexane	84		11.819					ND	7
44 Carbon tetrachloride	117		11.958					ND	7
45 Benzene	78		12.300					ND	7
46 1,2-Dichloroethane	62		12.375					ND	
47 Isooctane	57		12.525					ND	
48 n-Heptane	43		12.835					ND	7
* 49 1,4-Difluorobenzene	114	13.039	13.039	0.000	92	511300	10.0	10.0	
50 n-Butanol	56		13.269					ND	7
51 Trichloroethene	95		13.467					ND	7
A 52 GRO	1	13.908	(6.203-21.614)		0	3828643		0	
53 1,2-Dichloropropane	63		13.921					ND	
54 Methyl methacrylate	69		14.018					ND	
55 1,4-Dioxane	88		14.061					ND	7
57 Dibromomethane	174		14.077					ND	MU
58 Dichlorobromomethane	83		14.387					ND	
59 cis-1,3-Dichloropropene	75		15.189					ND	7
A 60 TVOC as Toluene	1	15.248	(4.068-26.428)		0	4266071		0	
61 4-Methyl-2-pentanone (MIBK)	43		15.457					ND	7
62 Toluene	92		15.831					ND	MU
A 63 Toluene Range	1	15.847	(15.762-15.933)		0	27197		NC	
64 n-Octane	43		16.093					ND	7
A 65 C8 Range	1		(16.019-16.168)					ND	
66 trans-1,3-Dichloropropene	75		16.249					ND	7
67 1,1,2-Trichloroethane	83		16.618					ND	
68 Tetrachloroethene	166		16.821					ND	7
69 2-Hexanone	43		17.035					ND	7
70 Chlorodibromomethane	129		17.356					ND	MU
71 Ethylene Dibromide	107		17.591					ND	MU
* 73 Chlorobenzene-d5	117	18.501	18.506	-0.005	82	429551	10.0	10.0	
74 Chlorobenzene	112		18.565					ND	MU
75 Ethylbenzene	91		18.758					ND	MU
76 m-Xylene & p-Xylene	106		19.025					ND	MU
77 n-Nonane	57		19.100					ND	7
78 o-Xylene	106		19.795					ND	MU
79 Styrene	104		19.833					ND	MU
S 80 Xylenes, Total	106		20.100					ND	7
81 Bromoform	173		20.186					ND	MU
82 Isopropylbenzene	105		20.523					ND	MU
83 1,1,2,2-Tetrachloroethane	83		21.053					ND	MU
84 1,2,3-Trichloropropane	75		21.154					ND	
85 N-Propylbenzene	91		21.261					ND	MU
86 2-Chlorotoluene	91		21.406					ND	MU
87 4-Ethyltoluene	105		21.465					ND	MU
88 1,3,5-Trimethylbenzene	105		21.561					ND	MU

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		21.604					ND	7
90 Alpha Methyl Styrene	118		21.898					ND	MU
91 tert-Butylbenzene	119		22.053					ND	7
92 1,2,4-Trimethylbenzene	105		22.144					ND	MU
93 sec-Butylbenzene	105		22.385					ND	
94 1,3-Dichlorobenzene	146	22.561	22.556	0.005	89	2408		0.0477	
95 4-Isopropyltoluene	119		22.604					ND	7
96 1,4-Dichlorobenzene	146	22.706	22.700	0.006	89	2164		0.0444	
97 Benzyl chloride	91		22.845					ND	MU
98 n-Butylbenzene	91		23.160					ND	MU
99 1,2-Dichlorobenzene	146	23.187	23.182	0.005	94	2060		0.0429	
100 Undecane	57		23.316					ND	7
101 Dodecane	57		24.862					ND	
102 1,2,4-Trichlorobenzene	180	25.562	25.562	0.000	89	2241		0.0714	
103 Hexachlorobutadiene	225		25.803					ND	7
104 Naphthalene	128	26.028	26.028	0.011	94	3283		0.0602	M
105 1,2,3-Trichlorobenzene	180	26.418	26.418	0.000	86	1913		0.0759	
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-dichloroethane	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

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d

Injection Date: 06-Dec-2022 10:50:30

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

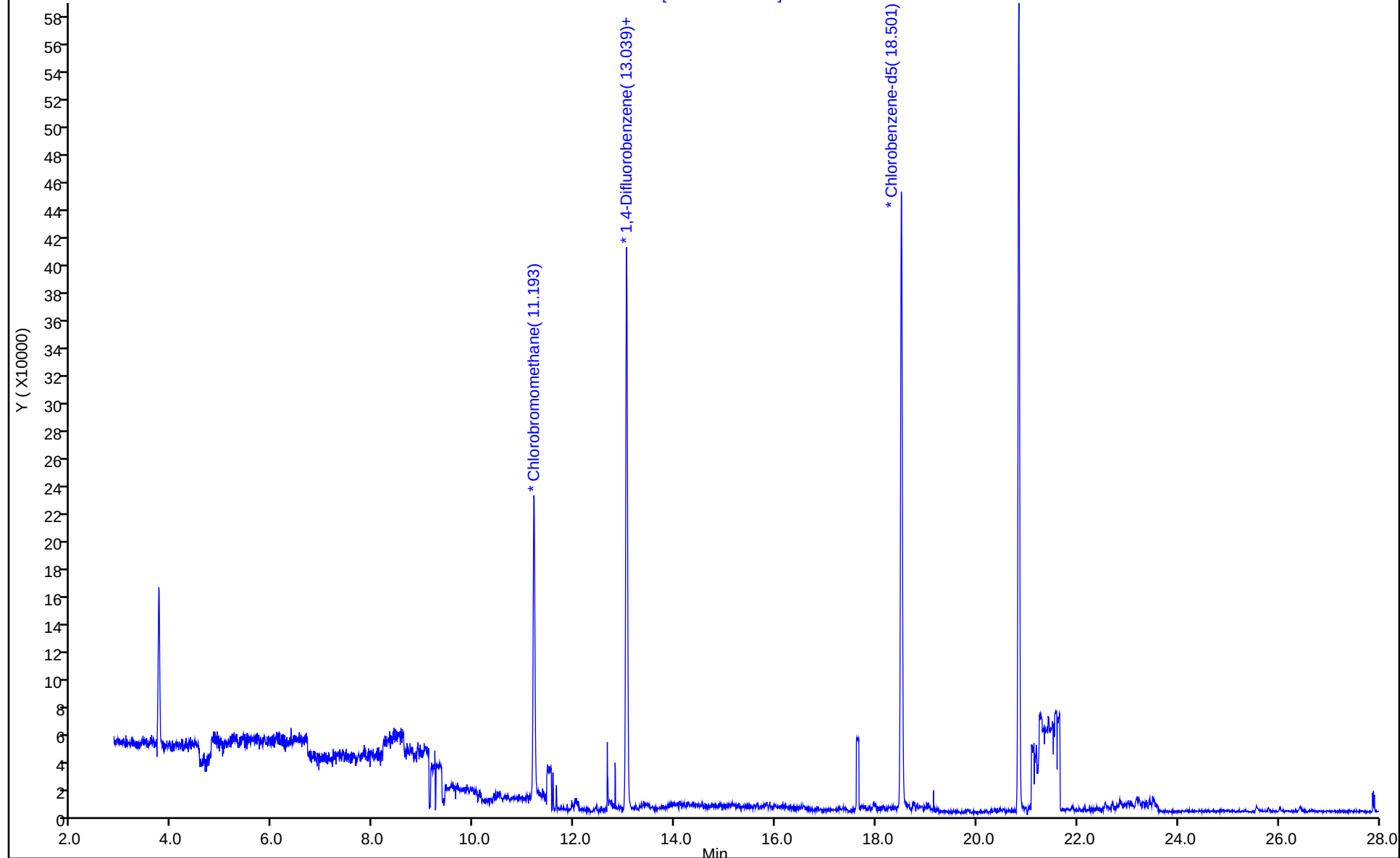
Method: TO15_TO3_MasterMethod_W

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

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

53566-005[MS SCAN Chro]:Total

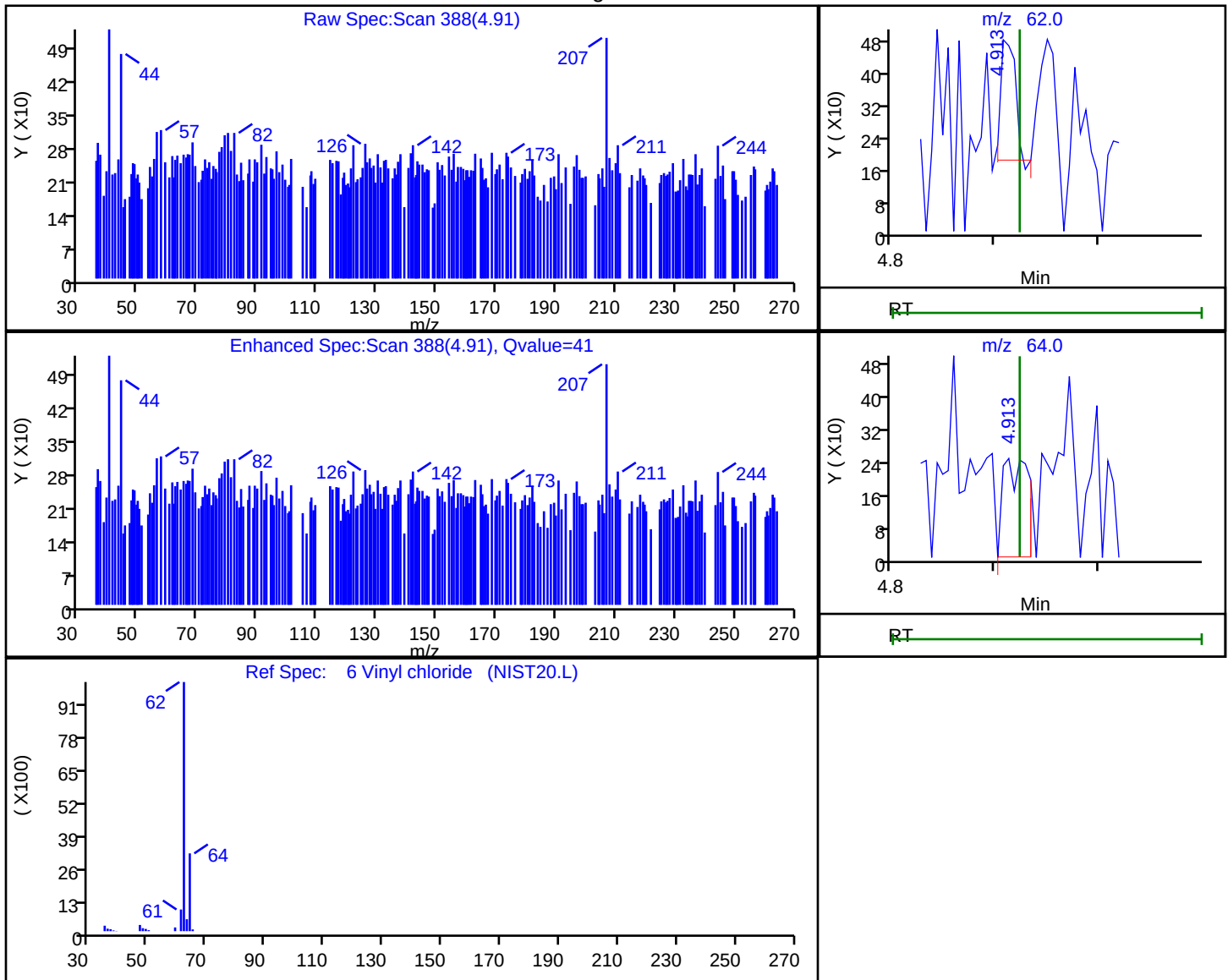


Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

6 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
4.91	62.00	289	0.016273
4.91	64.00	416	

Reviewer: puangmaleek, 07-Dec-2022 10:26:42

Audit Action: Marked Compound Undetected

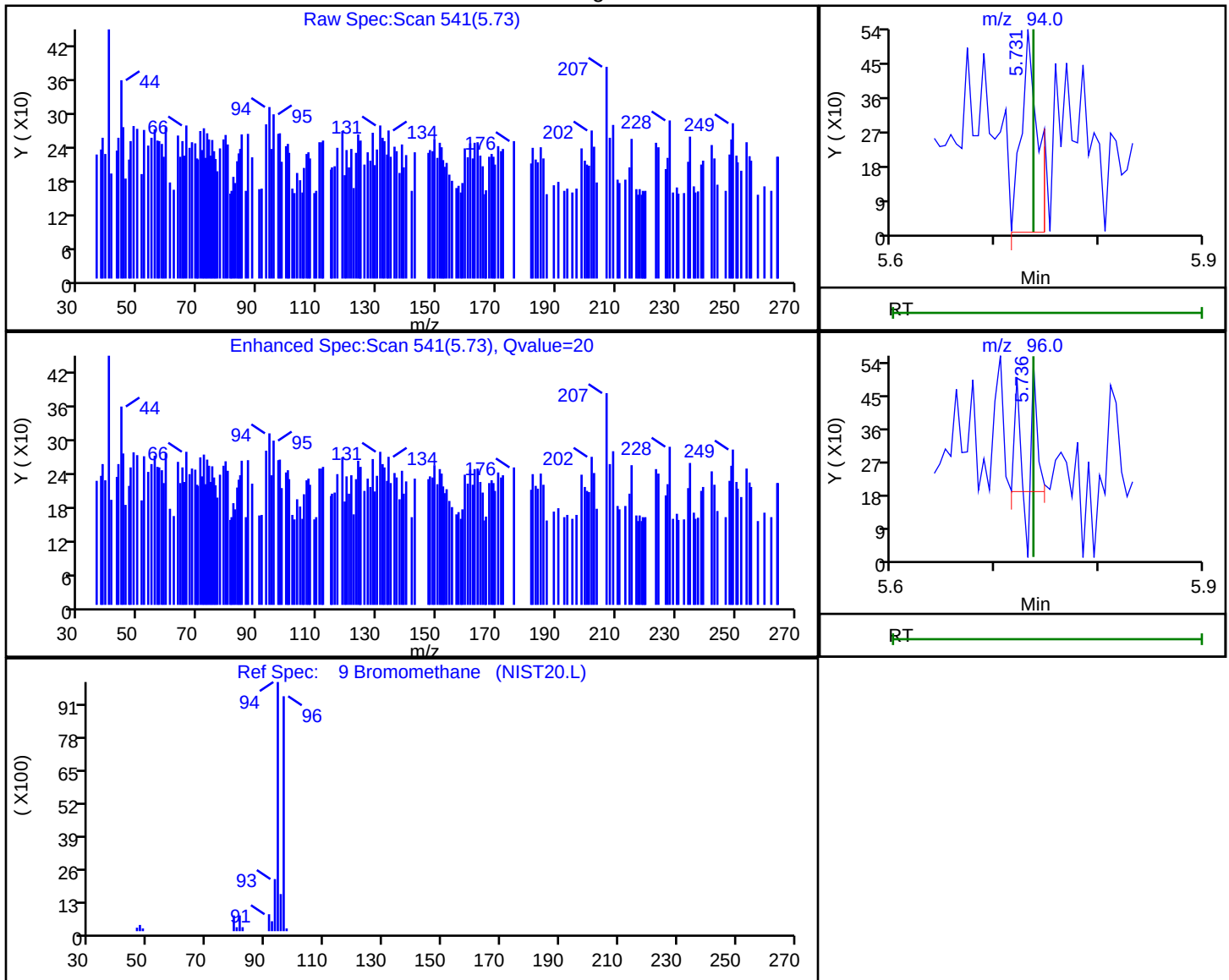
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
5.73	94.00	592	0.029701
5.74	96.00	194	

Reviewer: puangmaleek, 07-Dec-2022 10:26:46

Audit Action: Marked Compound Undetected

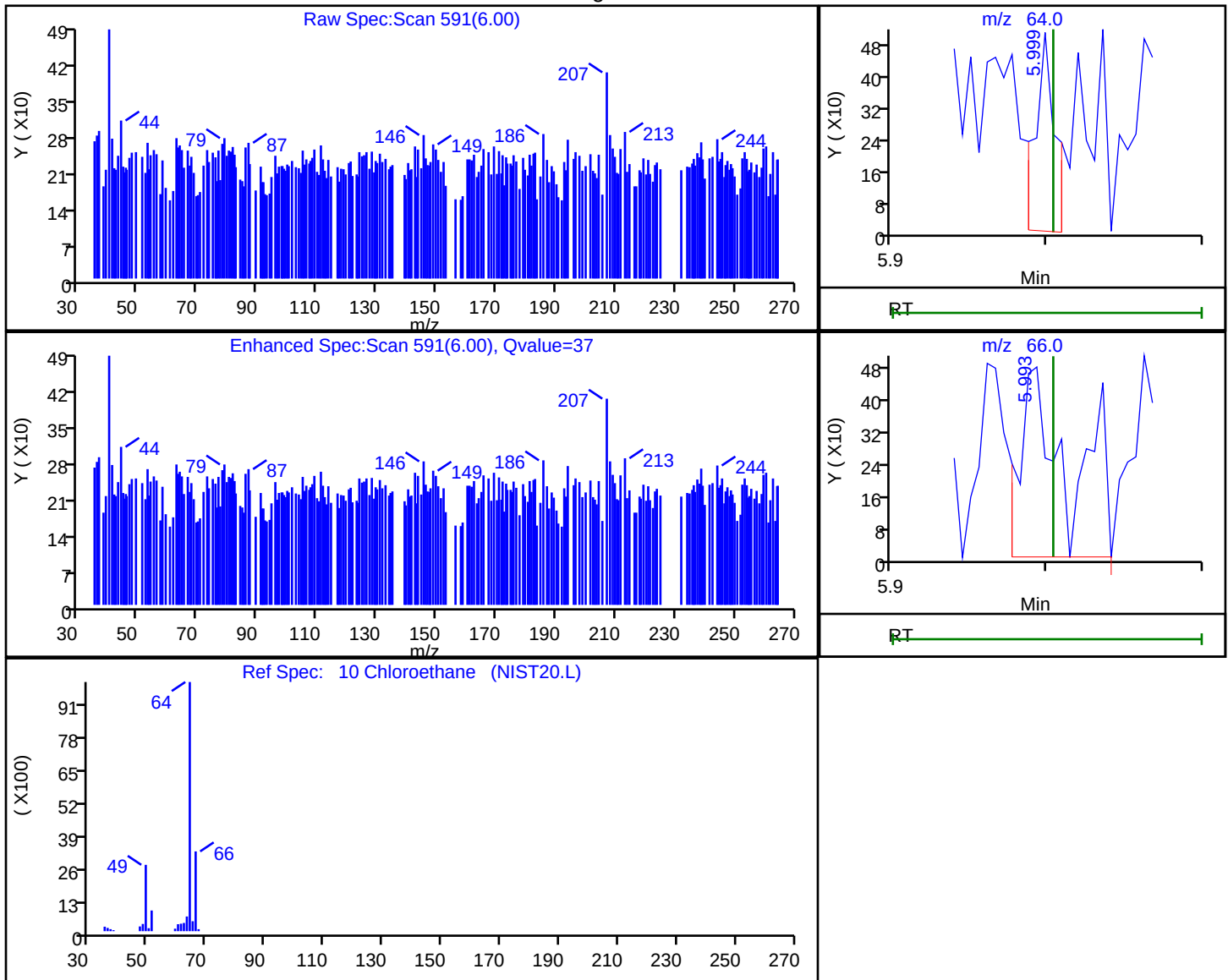
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
6.00	64.00	462	0.052303
5.99	66.00	1053	

Reviewer: BKZ7, 06-Dec-2022 12:54:36

Audit Action: Marked Compound Undetected

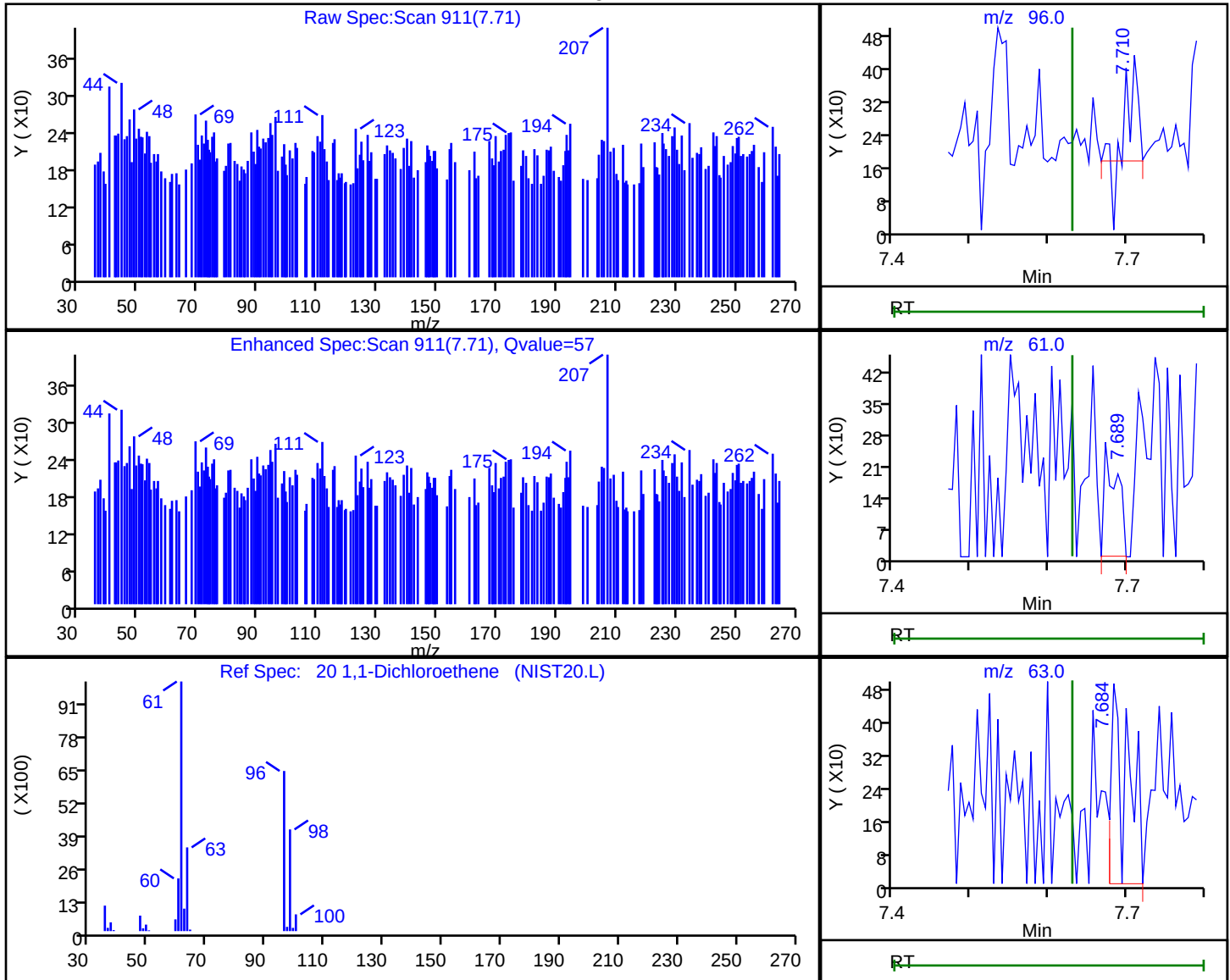
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

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

Processing Results



RT	Mass	Response	Amount
7.71	96.00	209	0.011212
7.69	61.00	296	
7.68	63.00	724	

Reviewer: puangmaleek, 07-Dec-2022 10:26:57

Audit Action: Marked Compound Undetected

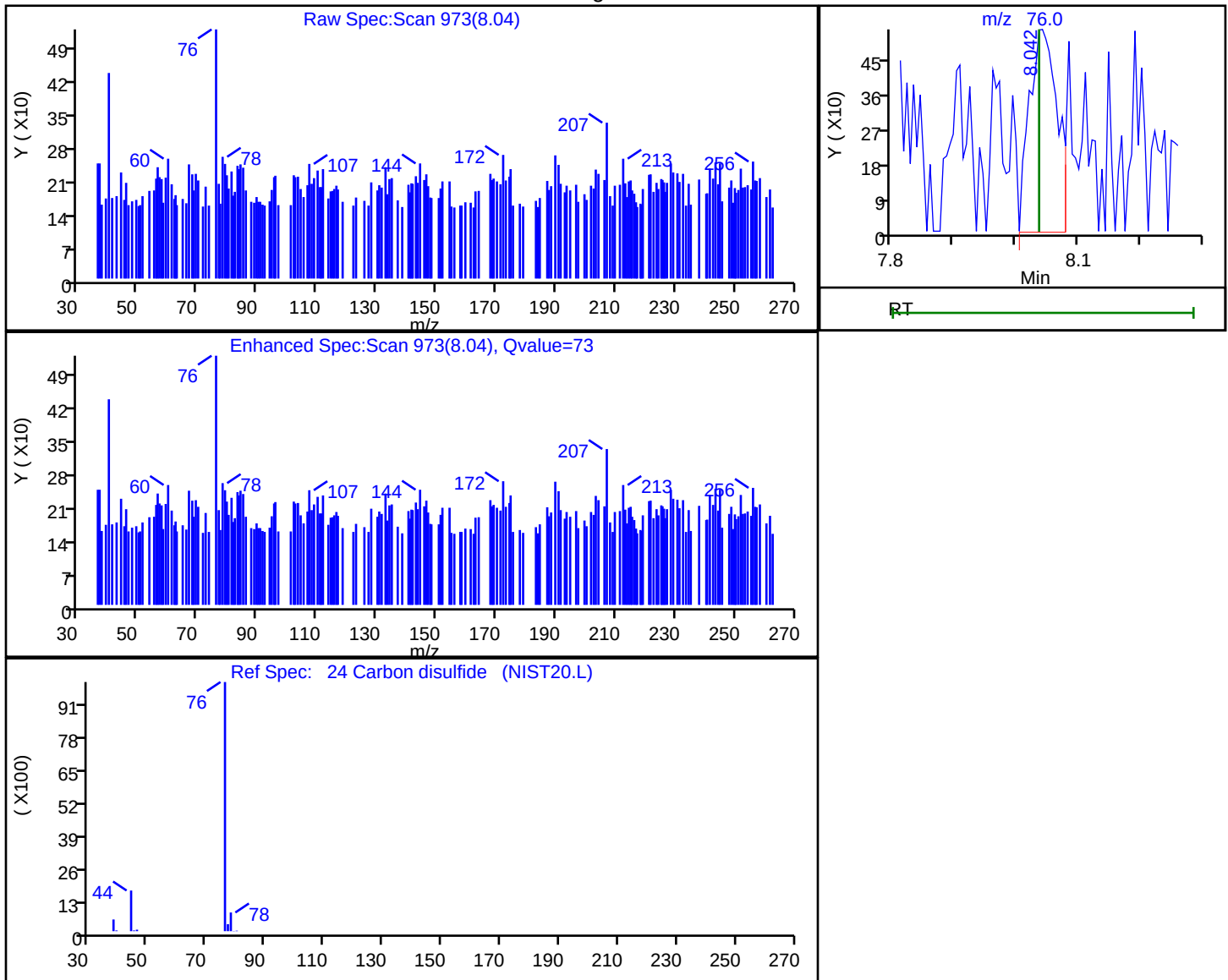
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

Processing Results



RT	Mass	Response	Amount
8.04	76.00	1651	0.044433

Reviewer: BKZ7, 06-Dec-2022 12:55:01

Audit Action: Marked Compound Undetected

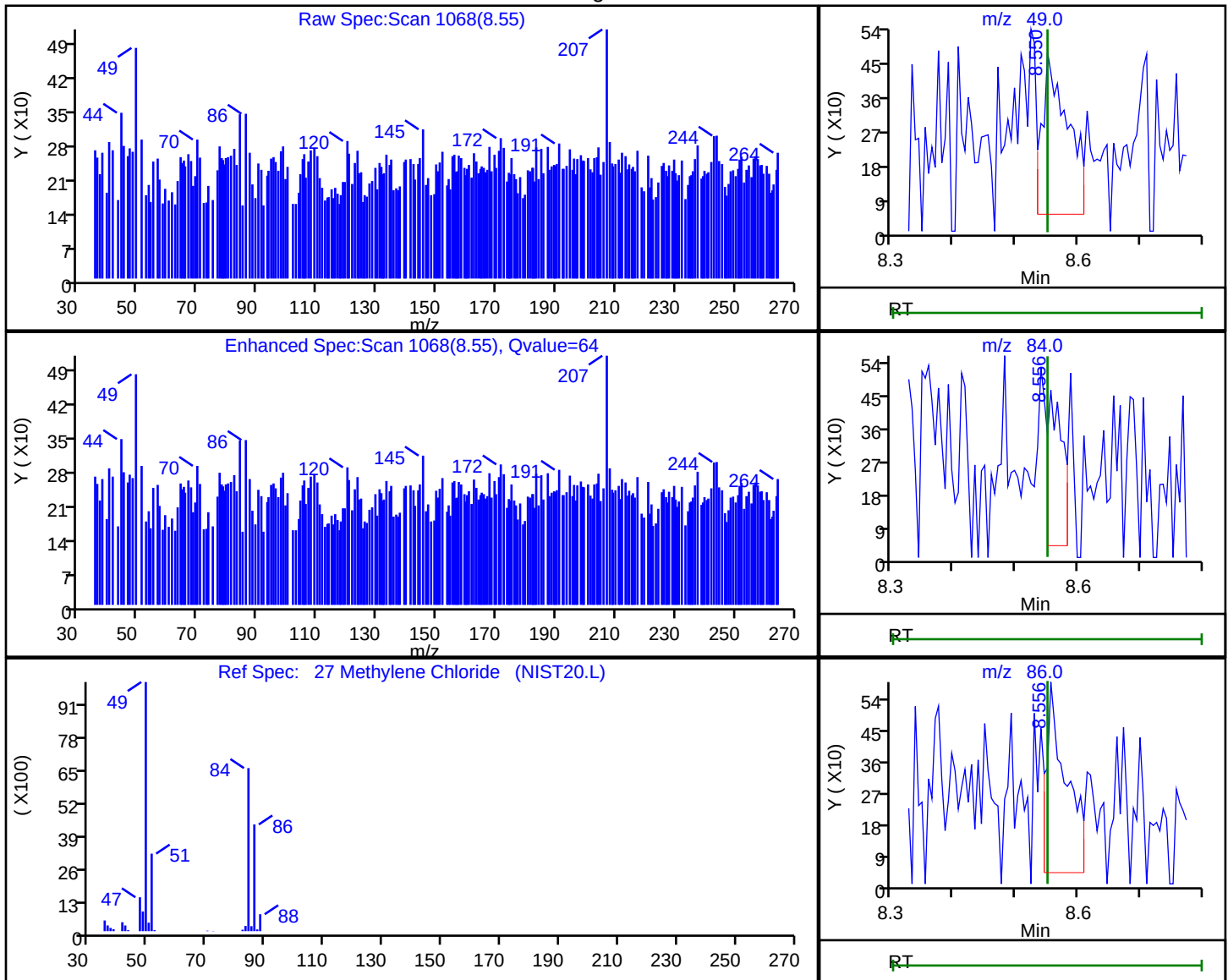
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

27 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
8.55	49.00	1225	0.121089
8.56	84.00	719	
8.56	86.00	1228	

Reviewer: BKZ7, 06-Dec-2022 12:54:36

Audit Action: Marked Compound Undetected

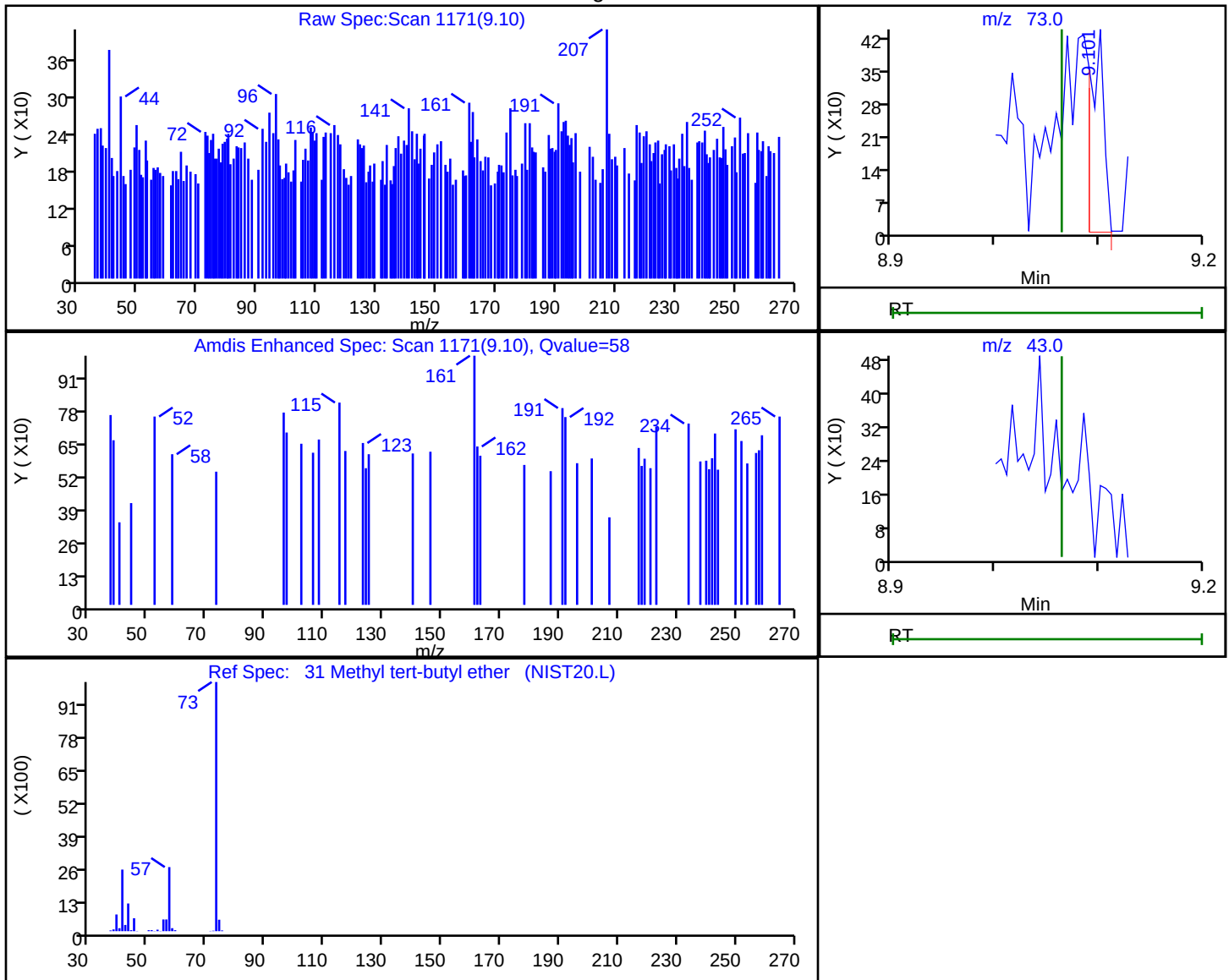
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

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

Processing Results



RT	Mass	Response	Amount
9.10	73.00	386	0.011218
9.06	43.00	0	

Reviewer: puangmaleek, 07-Dec-2022 10:27:06

Audit Action: Marked Compound Undetected

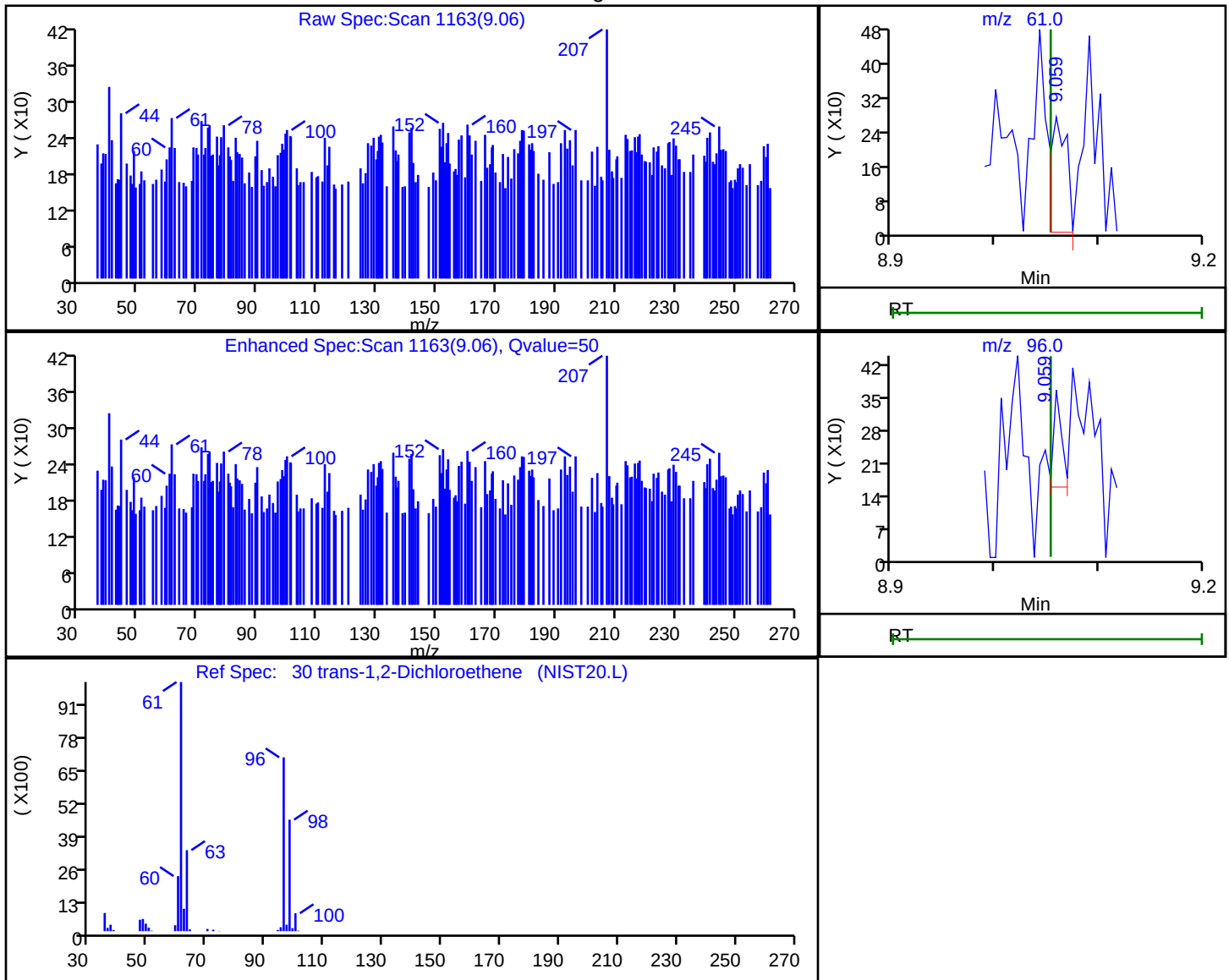
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

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

Processing Results



RT	Mass	Response	Amount
9.06	61.00	282	0.017197
9.06	96.00	114	

Reviewer: puangmaleek, 07-Dec-2022 10:27:04

Audit Action: Marked Compound Undetected

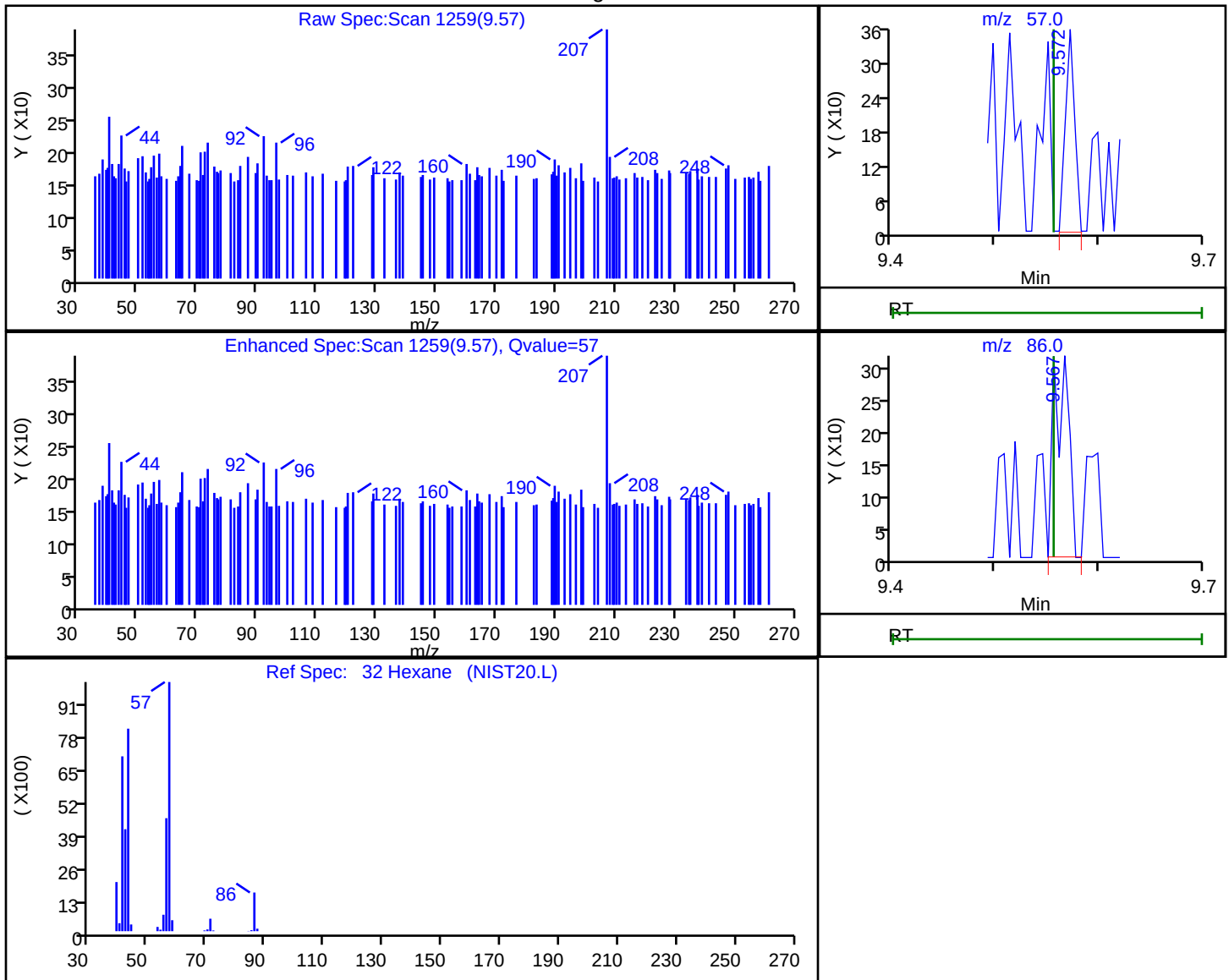
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

32 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
9.57	57.00	220	0.014198
9.57	86.00	309	

Reviewer: puangmaleek, 07-Dec-2022 10:27:07

Audit Action: Marked Compound Undetected

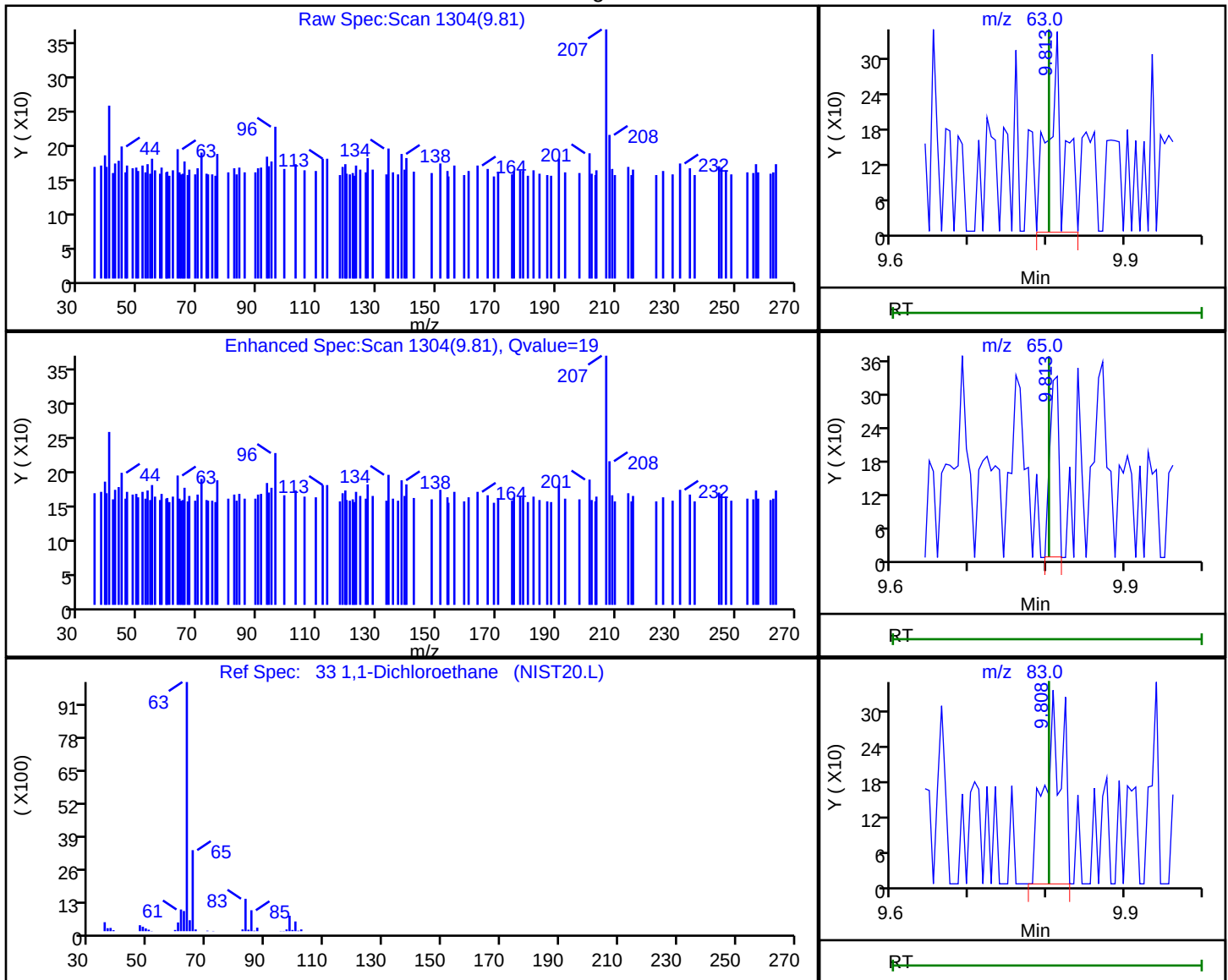
Audit Reason: Invalid Compound ID

Eurofins Burlington

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Injection Date: 06-Dec-2022 10:50:30 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

33 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
9.81	63.00	470	0.024235
9.81	65.00	261	
9.81	83.00	517	

Reviewer: puangmaleek, 07-Dec-2022 10:27:09

Audit Action: Marked Compound Undetected

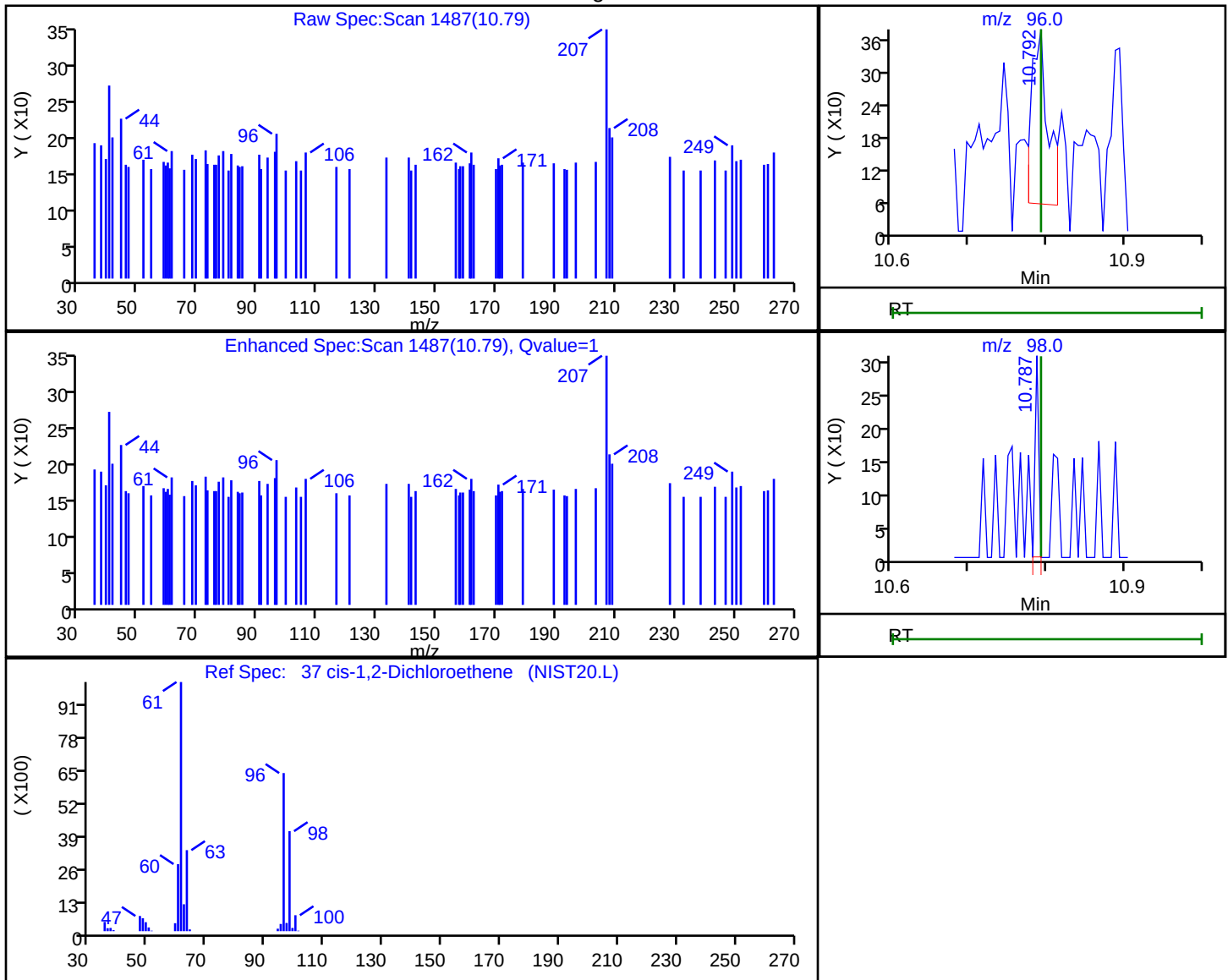
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

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

Processing Results



RT	Mass	Response	Amount
10.79	96.00	475	0.032477
10.79	98.00	99	

Reviewer: BKZ7, 06-Dec-2022 12:55:01

Audit Action: Marked Compound Undetected

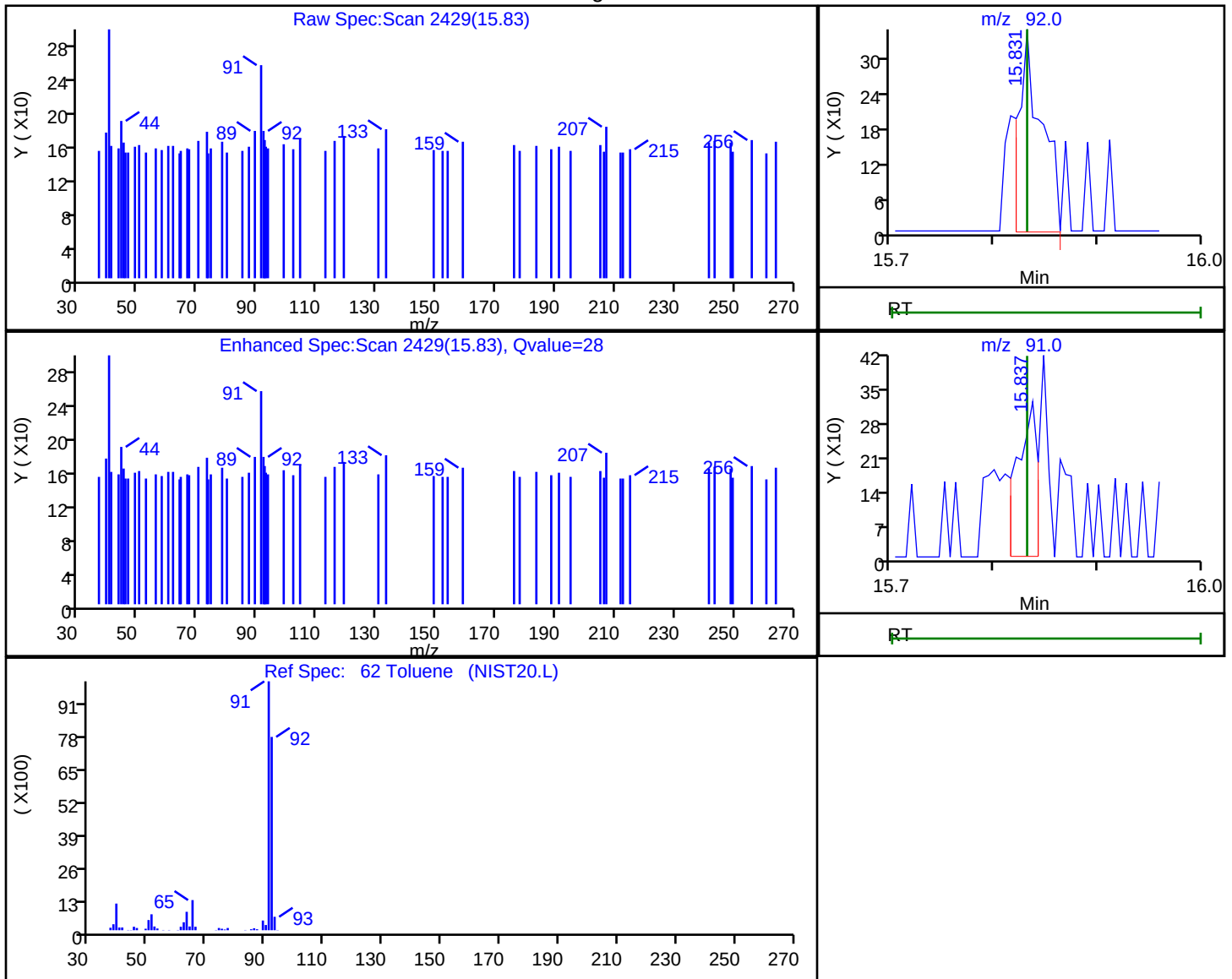
Audit Reason: Invalid Compound ID

Eurofins Burlington

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Injection Date: 06-Dec-2022 10:50:30 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

62 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
15.83	92.00	518	0.016626
15.84	91.00	432	

Reviewer: puangmaleek, 07-Dec-2022 10:27:21

Audit Action: Marked Compound Undetected

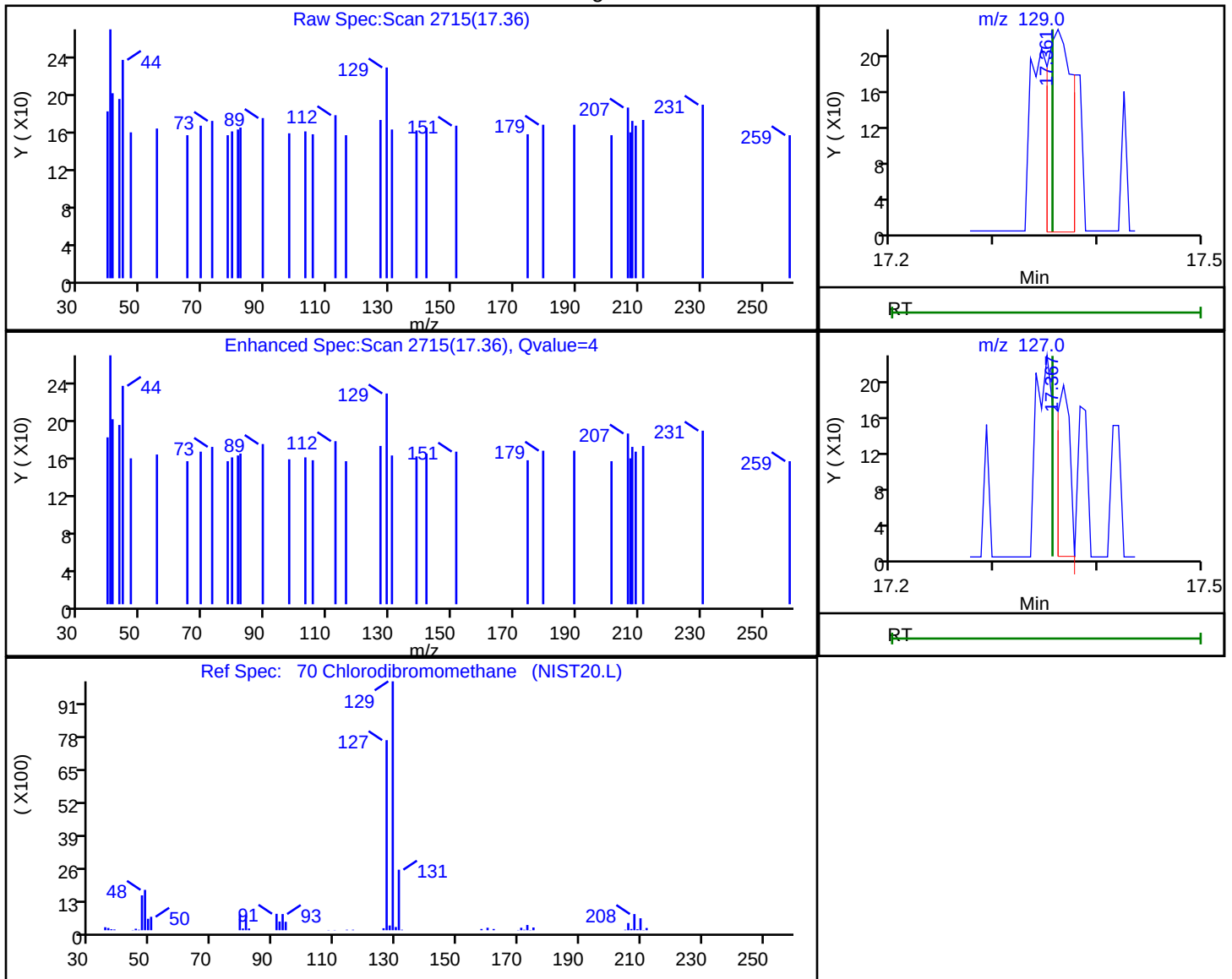
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

70 Chlorodibromomethane, CAS: 124-48-1

Processing Results



RT	Mass	Response	Amount
17.36	129.00	371	0.010385
17.37	127.00	167	

Reviewer: puangmaleek, 07-Dec-2022 10:27:26

Audit Action: Marked Compound Undetected

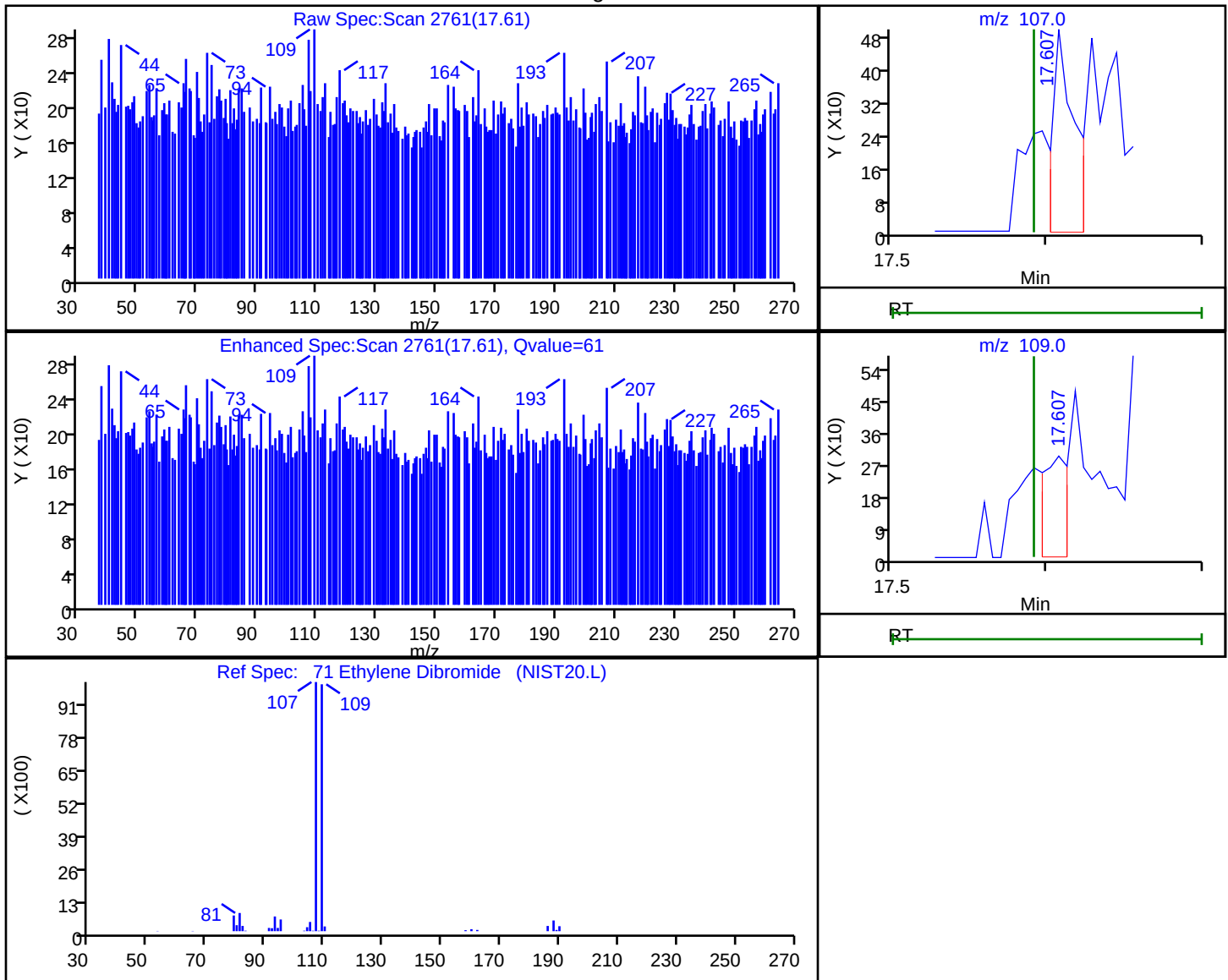
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

71 Ethylene Dibromide, CAS: 106-93-4

Processing Results



RT	Mass	Response	Amount
17.61	107.00	478	0.016741
17.61	109.00	334	

Reviewer: puangmaleek, 07-Dec-2022 10:27:27

Audit Action: Marked Compound Undetected

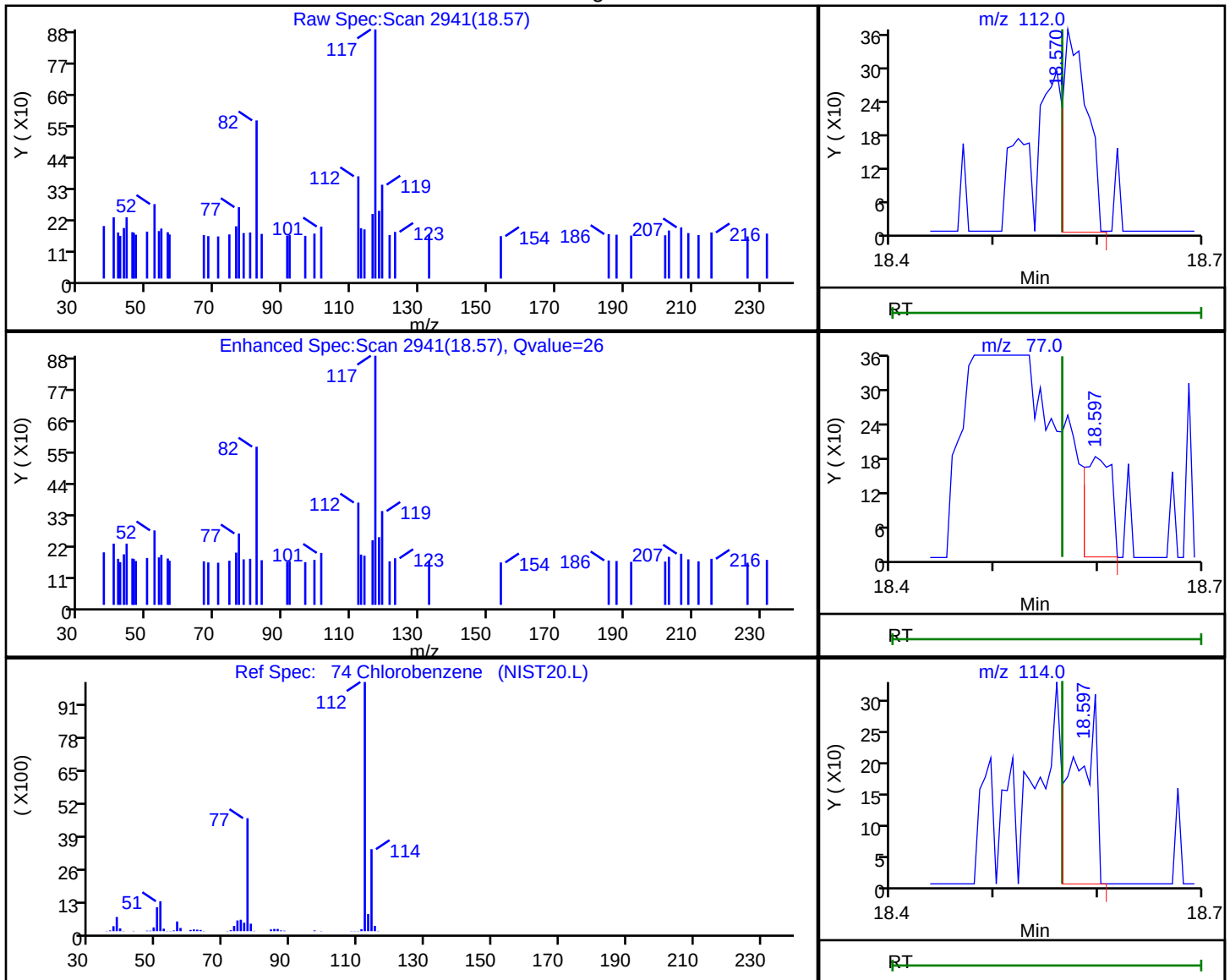
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

74 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
18.57	112.00	587	0.012629
18.60	77.00	322	
18.60	114.00	446	

Reviewer: puangmaleek, 07-Dec-2022 10:27:28

Audit Action: Marked Compound Undetected

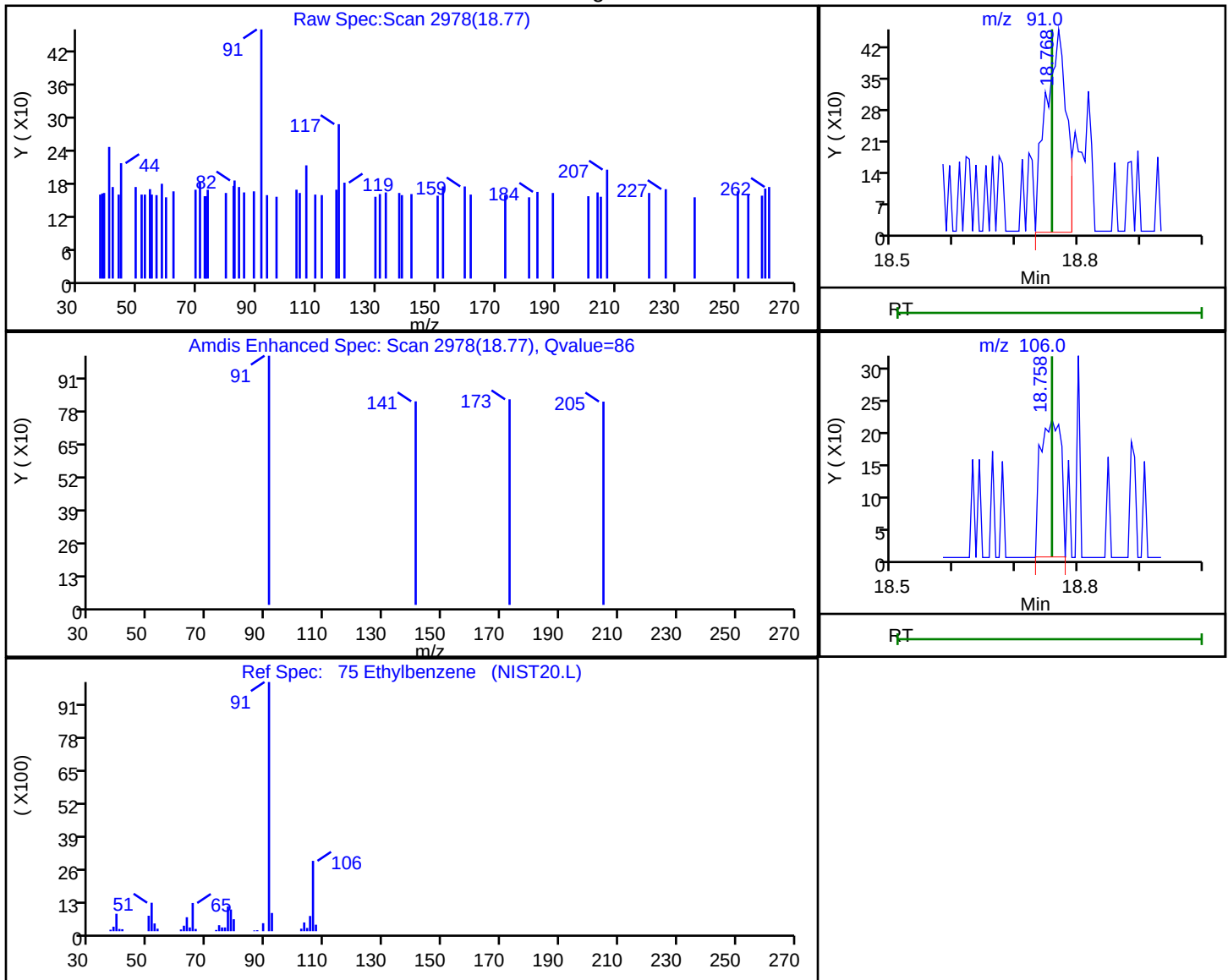
Audit Reason: Invalid Compound ID

Eurofins Burlington

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Injection Date: 06-Dec-2022 10:50:30 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
18.77	91.00	1059	0.015794
18.76	106.00	495	

Reviewer: puangmaleek, 07-Dec-2022 10:27:30

Audit Action: Marked Compound Undetected

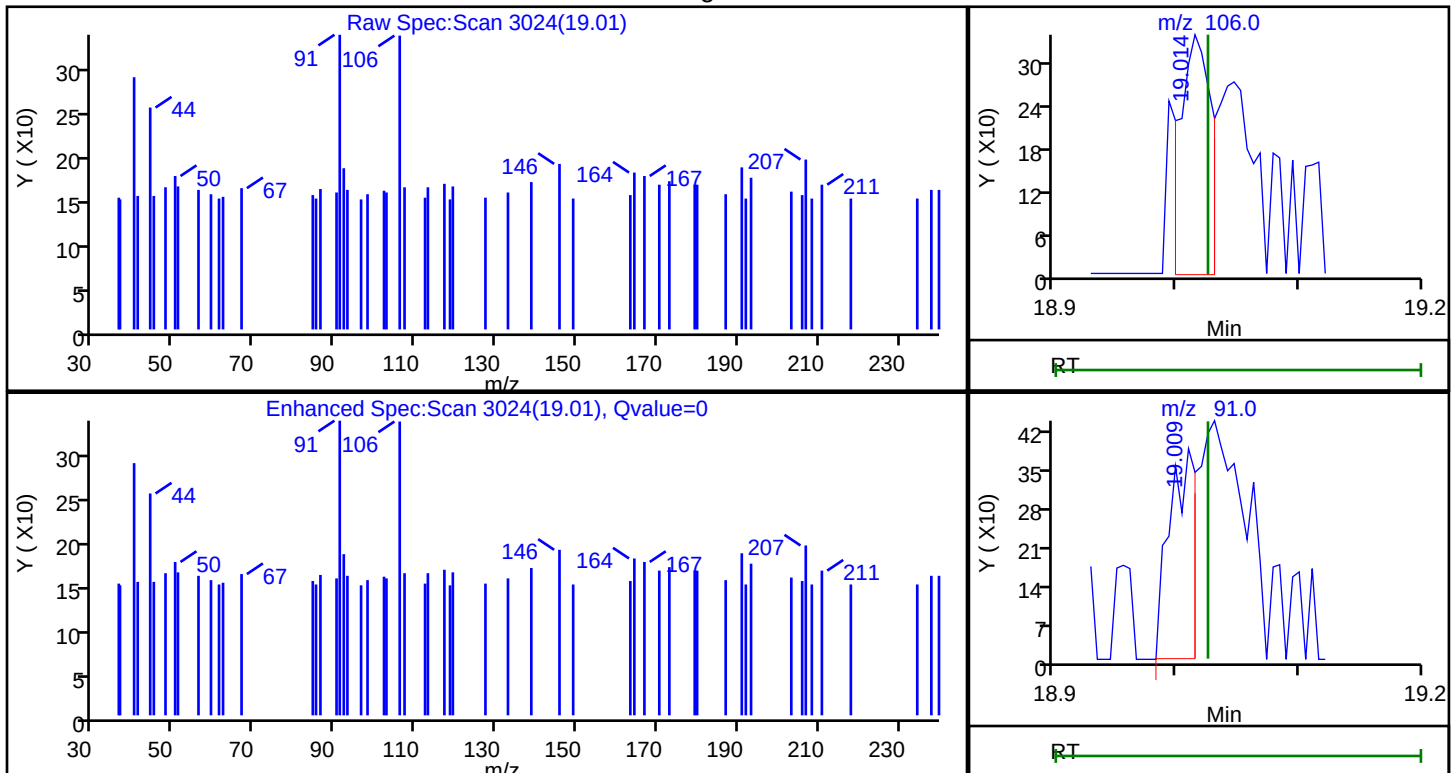
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

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

Processing Results



RT	Mass	Response	Amount
19.01	106.00	601	0.021087
19.01	91.00	568	

Reviewer: puangmaleek, 07-Dec-2022 10:27:32

Audit Action: Marked Compound Undetected

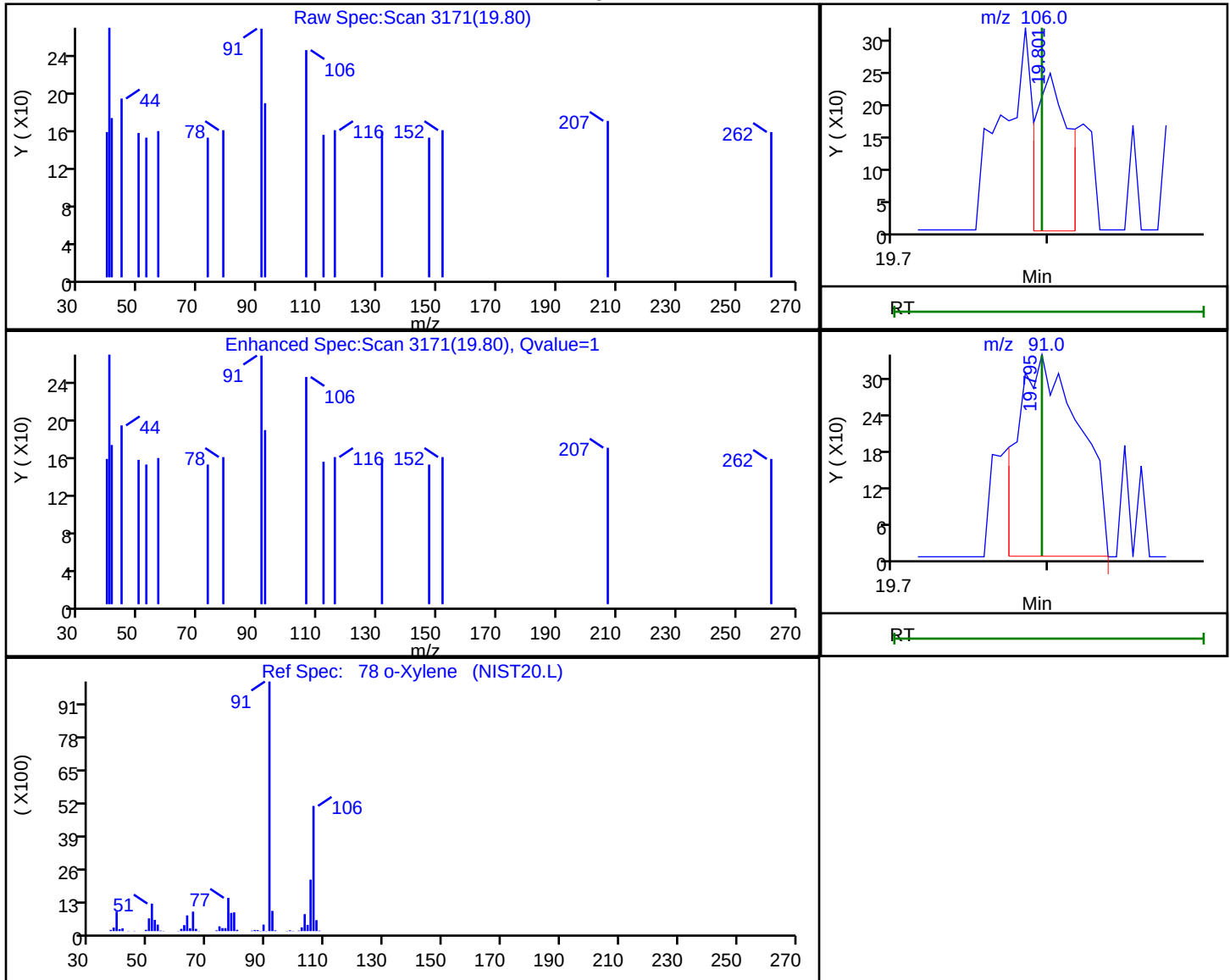
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

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

Processing Results



RT	Mass	Response	Amount
19.80	106.00	362	0.012575
19.80	91.00	927	

Reviewer: puangmaleek, 07-Dec-2022 10:27:36

Audit Action: Marked Compound Undetected

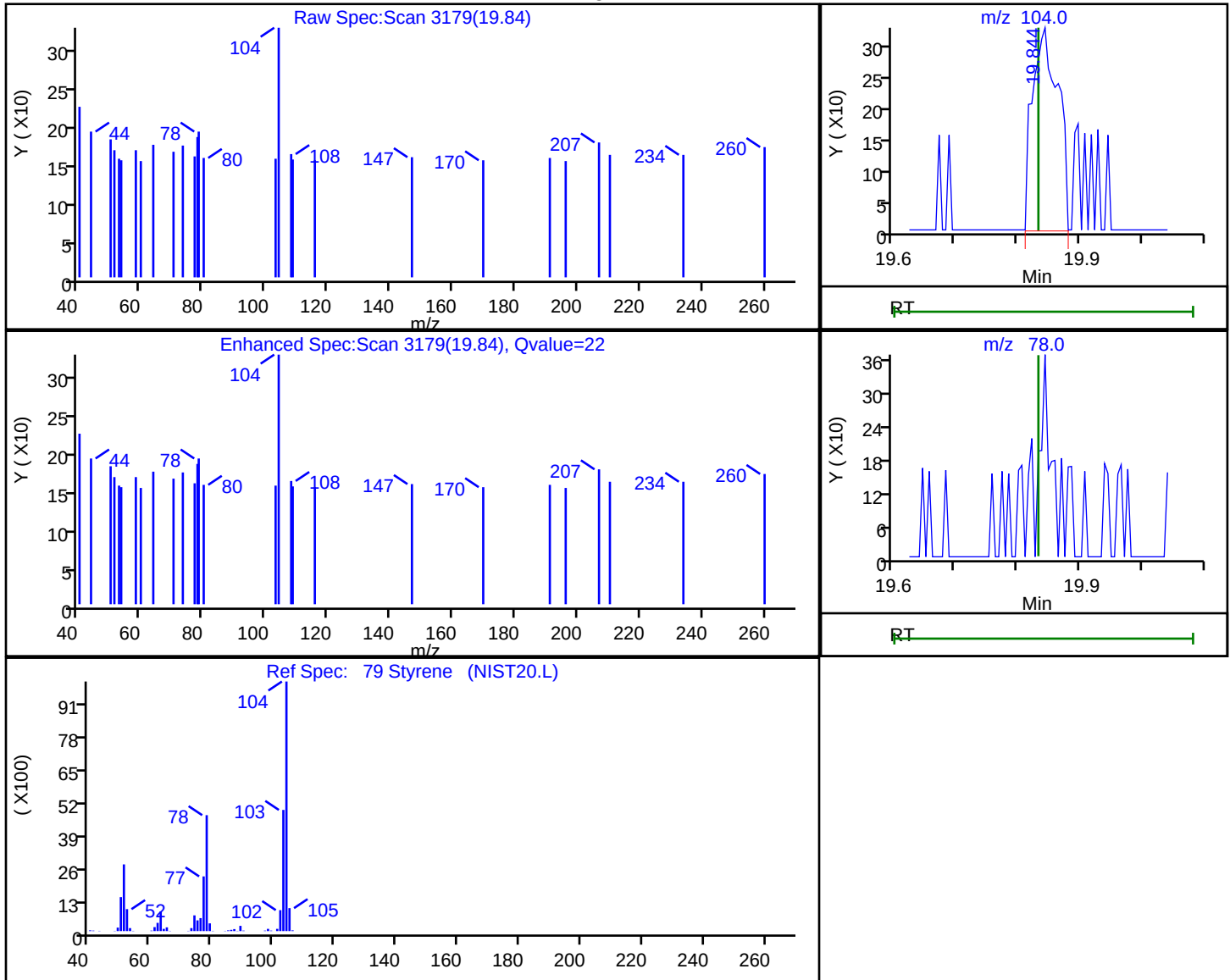
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

79 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
19.84	104.00	927	0.021244
19.83	78.00	0	

Reviewer: puangmaleek, 07-Dec-2022 10:27:34

Audit Action: Marked Compound Undetected

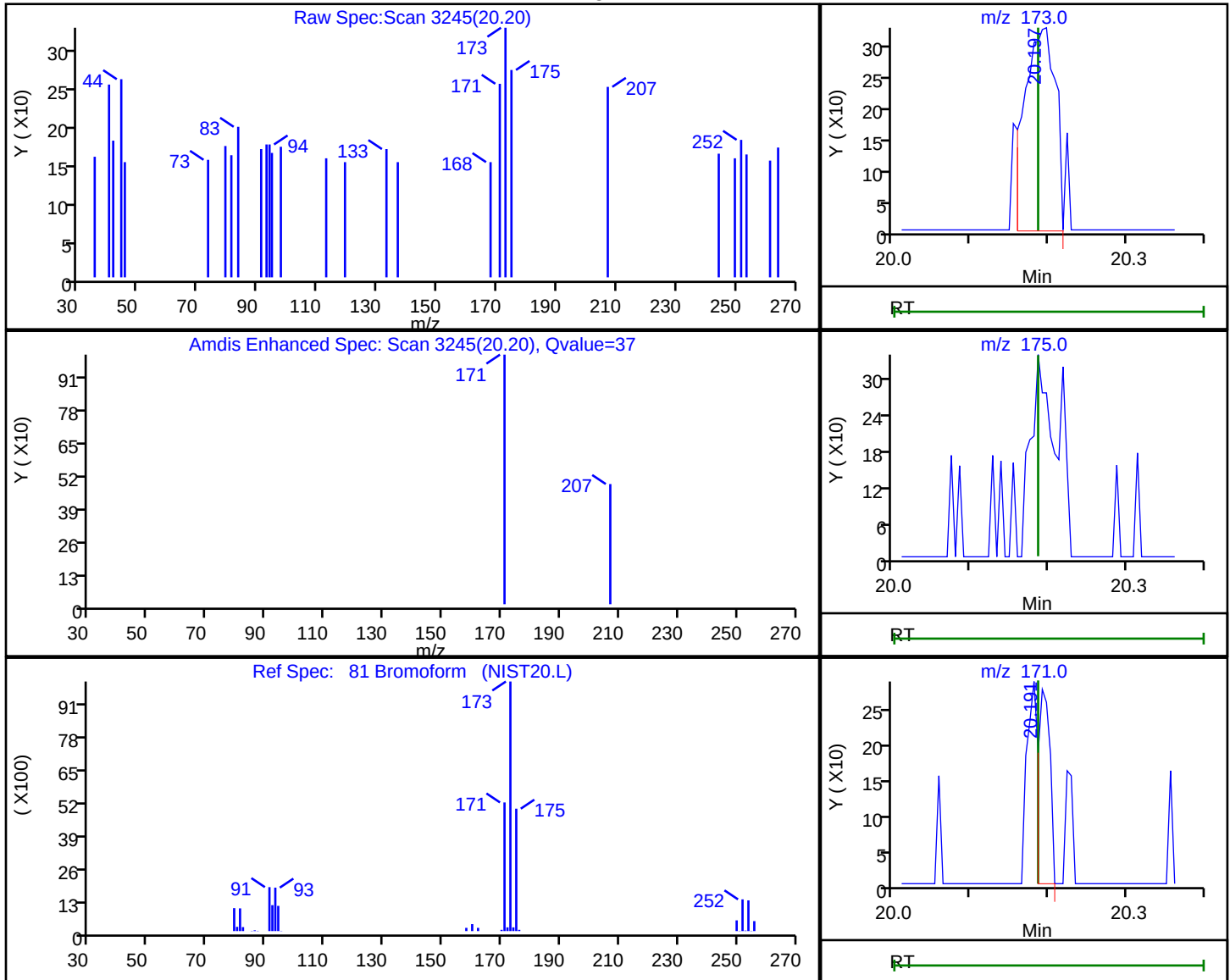
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

81 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
20.20	173.00	897	0.022707
20.19	175.00	0	
20.19	171.00	283	

Reviewer: puangmaleek, 07-Dec-2022 10:27:39

Audit Action: Marked Compound Undetected

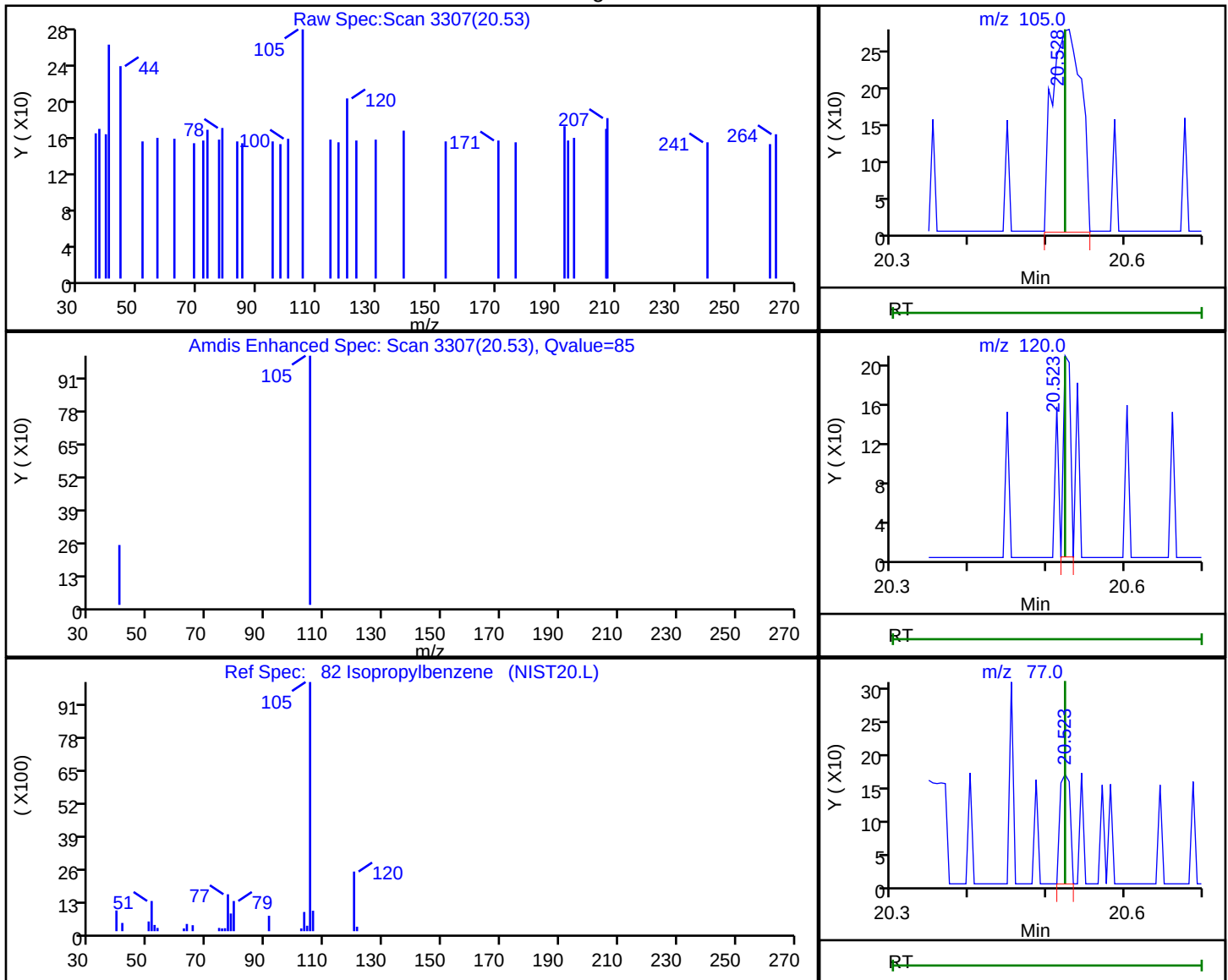
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

82 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
20.53	105.00	724	0.008866
20.52	120.00	131	
20.52	77.00	152	

Reviewer: puangmaleek, 07-Dec-2022 10:27:38

Audit Action: Marked Compound Undetected

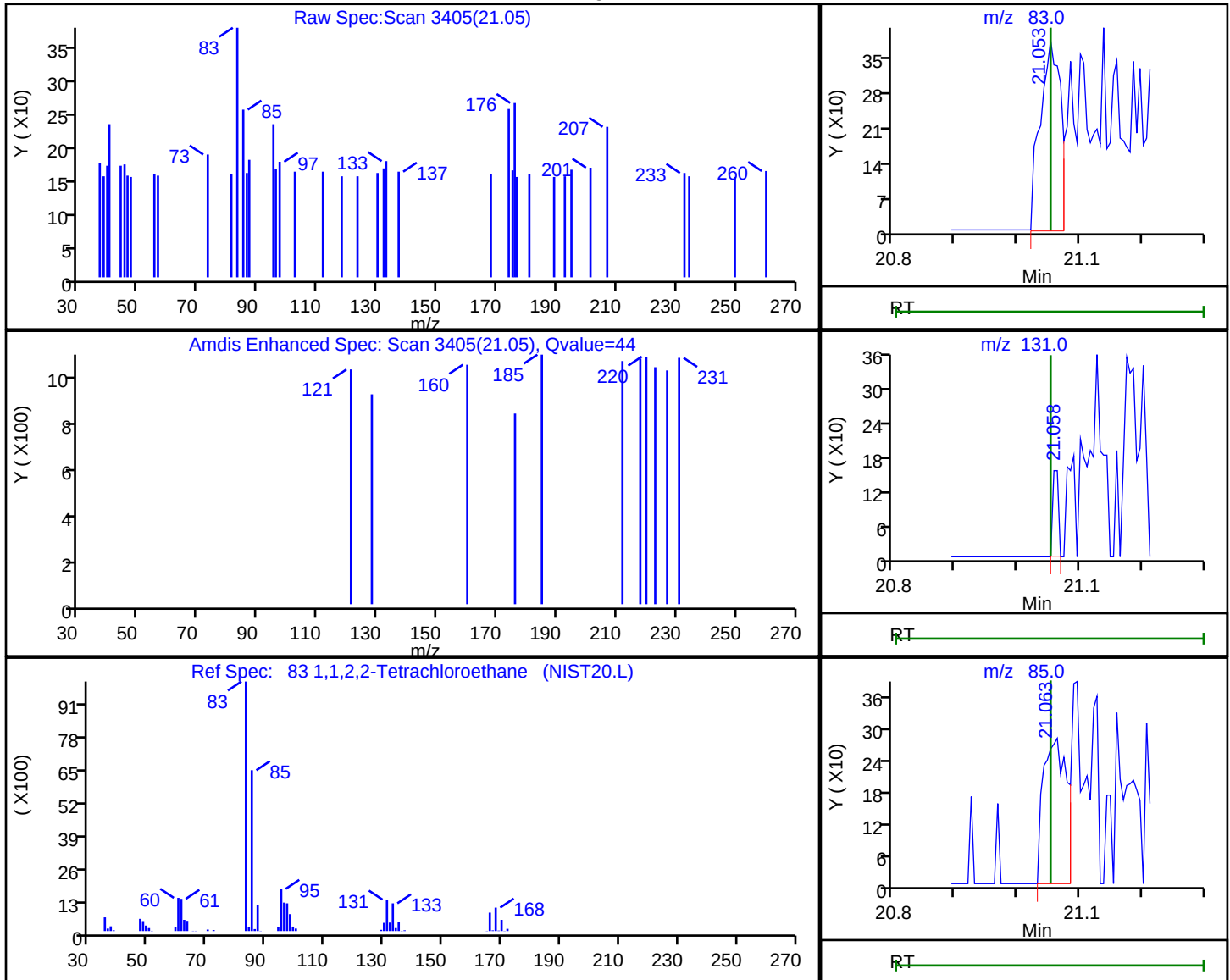
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

83 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
21.05	83.00	861	0.023840
21.06	131.00	96	
21.06	85.00	718	

Reviewer: puangmaleek, 07-Dec-2022 10:27:42

Audit Action: Marked Compound Undetected

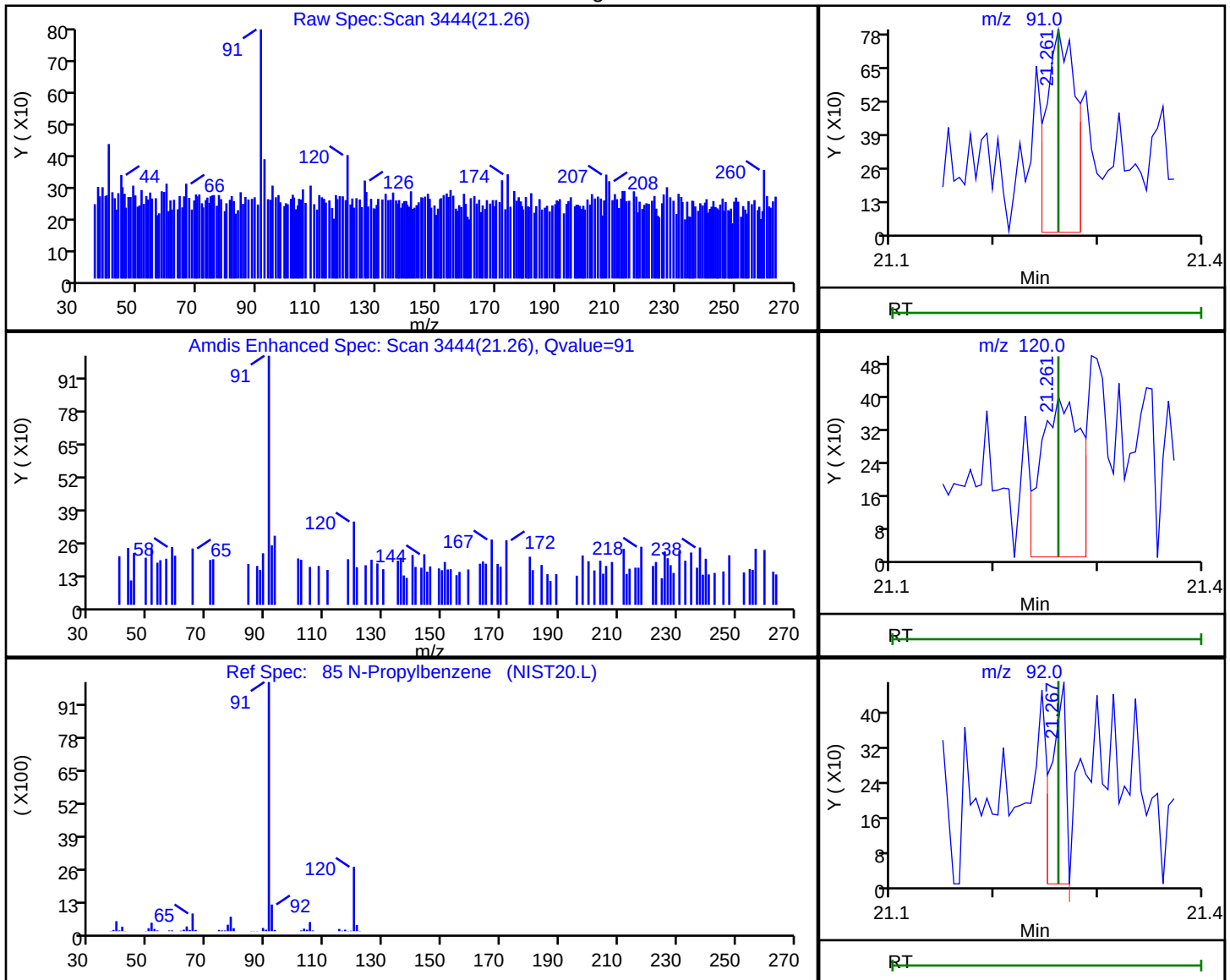
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

85 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
21.26	91.00	1555	0.017441
21.26	120.00	1058	
21.27	92.00	445	

Reviewer: puangmaleek, 07-Dec-2022 10:27:44

Audit Action: Marked Compound Undetected

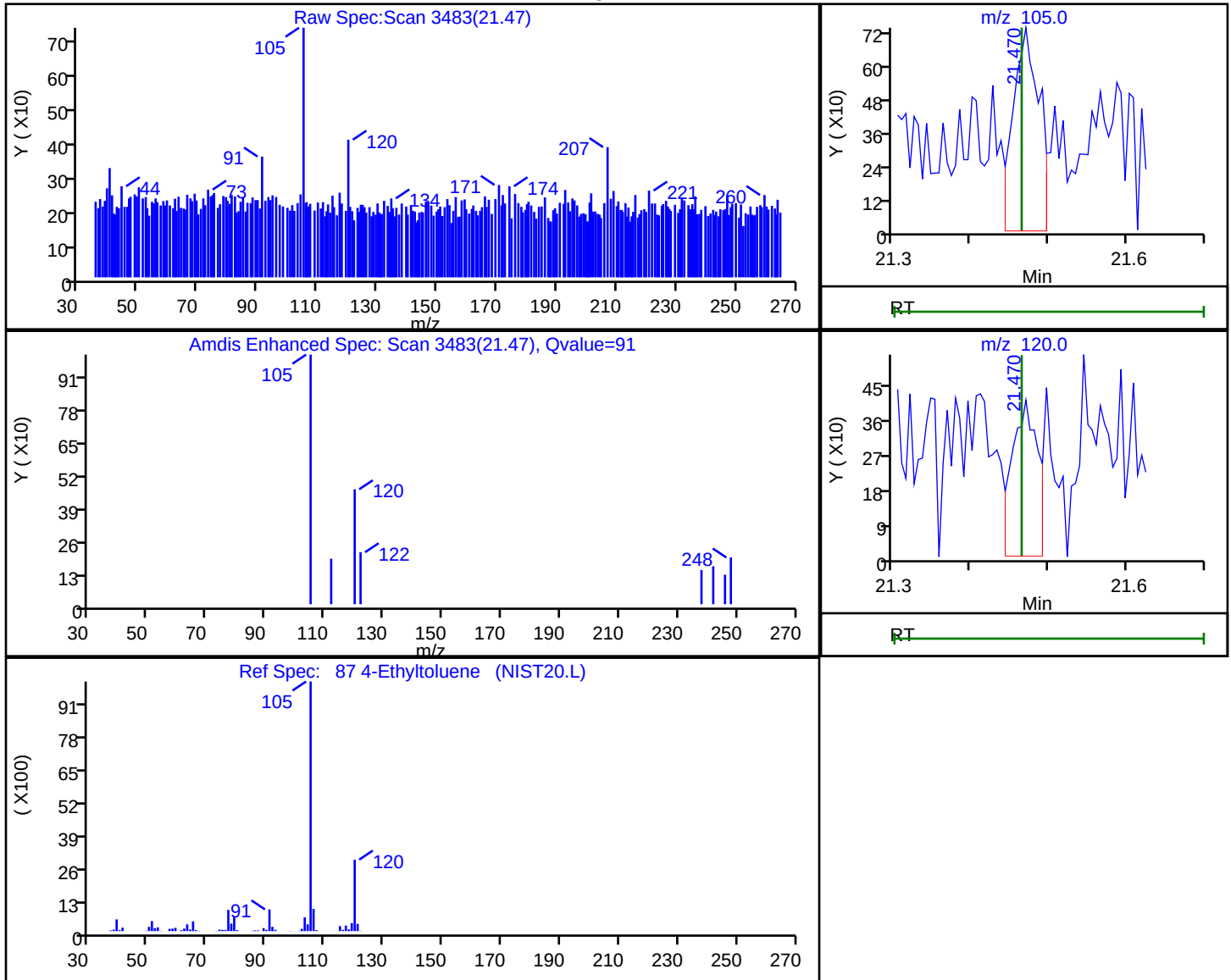
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

87 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
21.47	105.00	1734	0.022096
21.47	120.00	945	

Reviewer: puangmaleek, 07-Dec-2022 10:27:48

Audit Action: Marked Compound Undetected

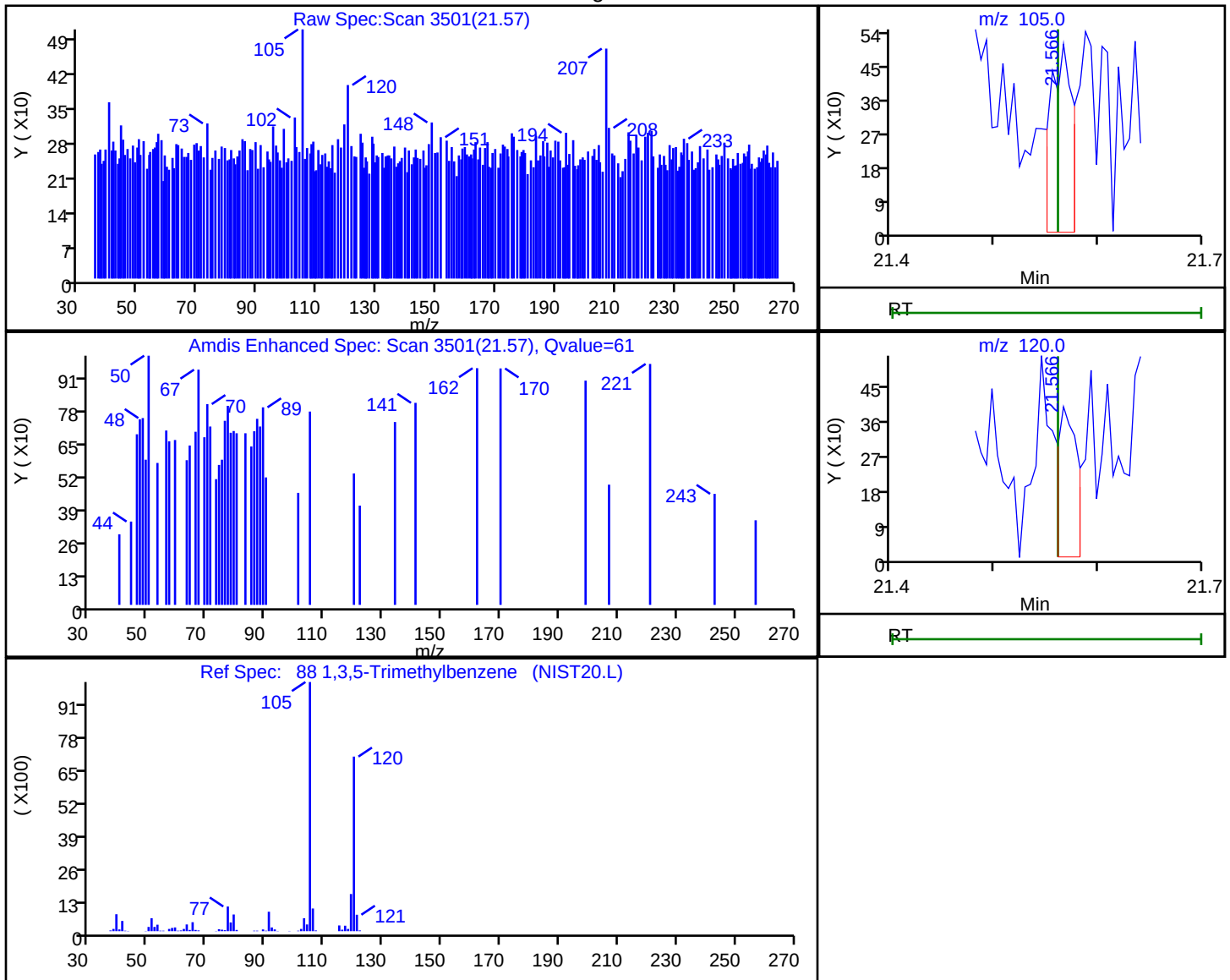
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

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

Processing Results



RT	Mass	Response	Amount
21.57	105.00	747	0.011077
21.57	120.00	508	

Reviewer: puangmaleek, 07-Dec-2022 10:27:49

Audit Action: Marked Compound Undetected

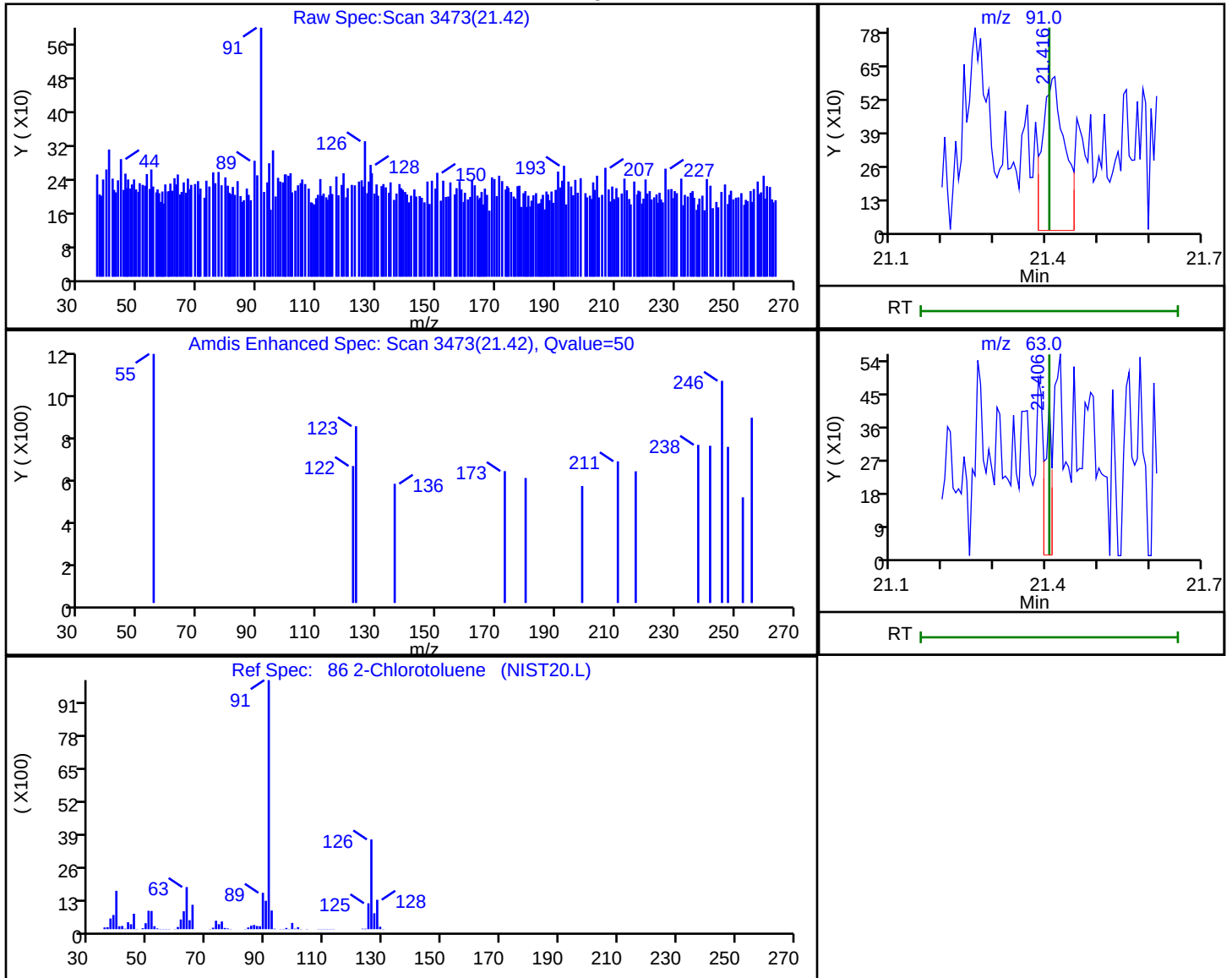
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

86 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
21.42	91.00	1773	0.031191
21.41	63.00	383	

Reviewer: puangmaleek, 07-Dec-2022 10:27:46

Audit Action: Marked Compound Undetected

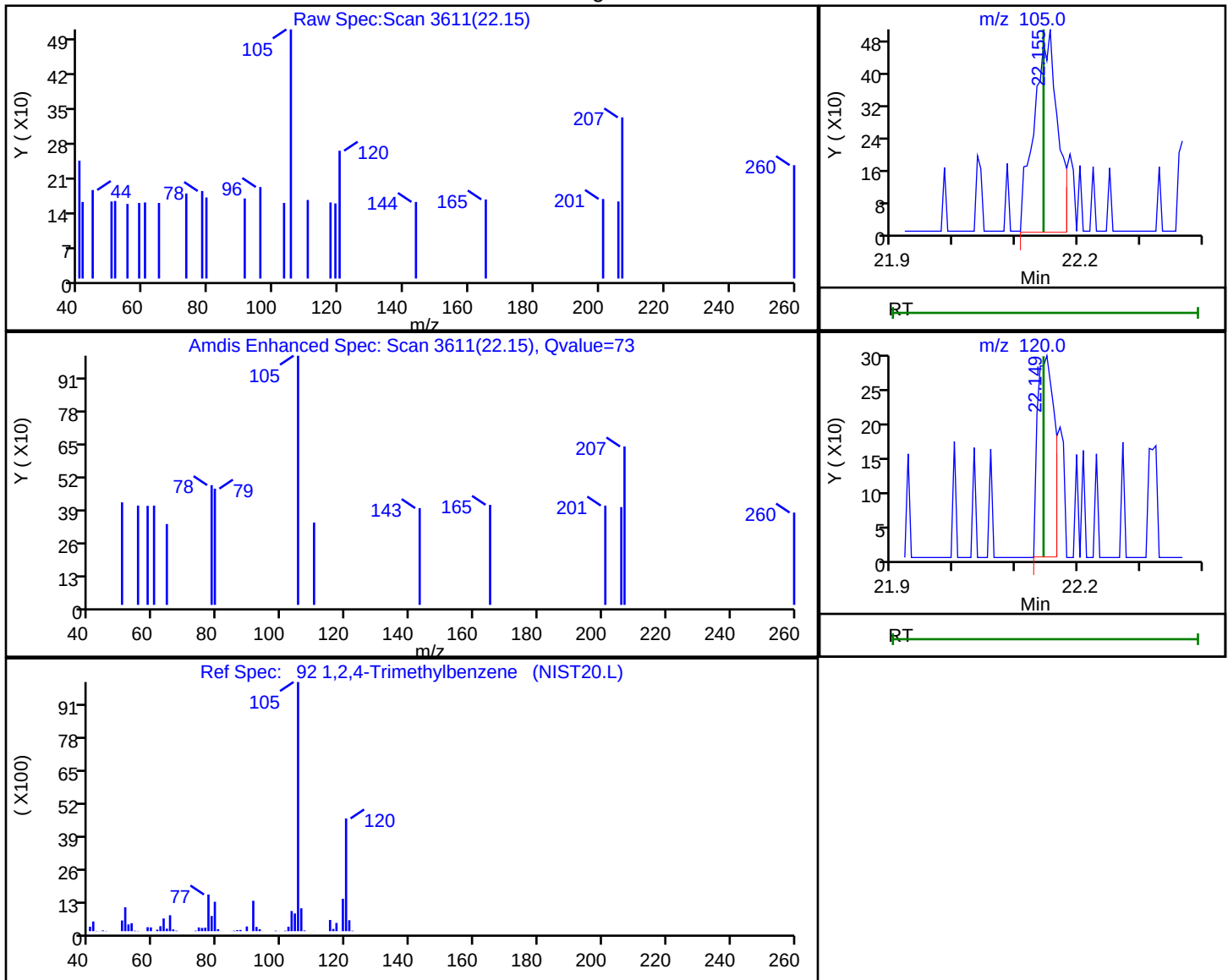
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

92 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
22.15	105.00	1307	0.019380
22.15	120.00	551	

Reviewer: puangmaleek, 07-Dec-2022 10:27:59

Audit Action: Marked Compound Undetected

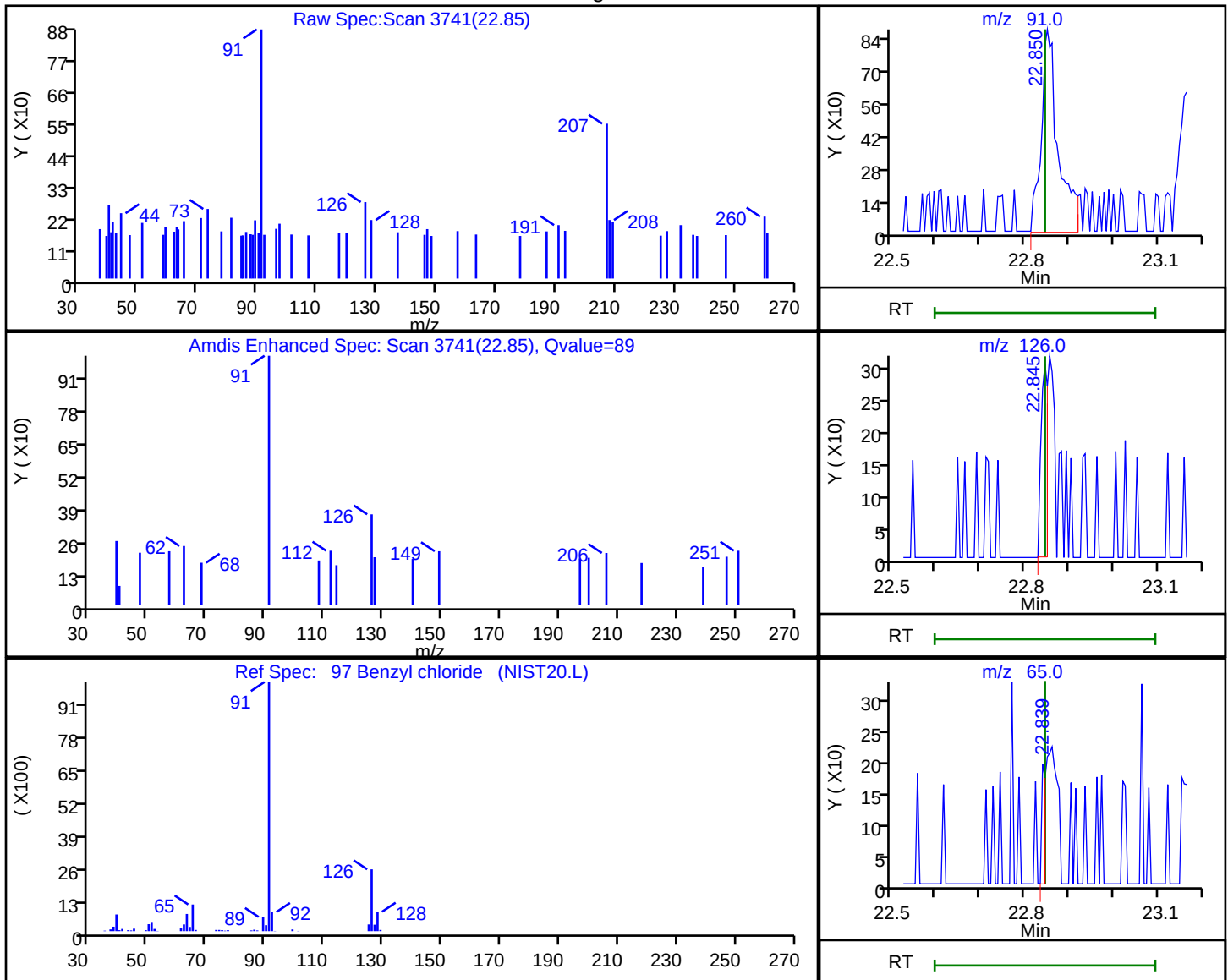
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

97 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
22.85	91.00	2328	0.045785
22.84	126.00	319	
22.84	65.00	115	

Reviewer: puangmaleek, 07-Dec-2022 10:28:07

Audit Action: Marked Compound Undetected

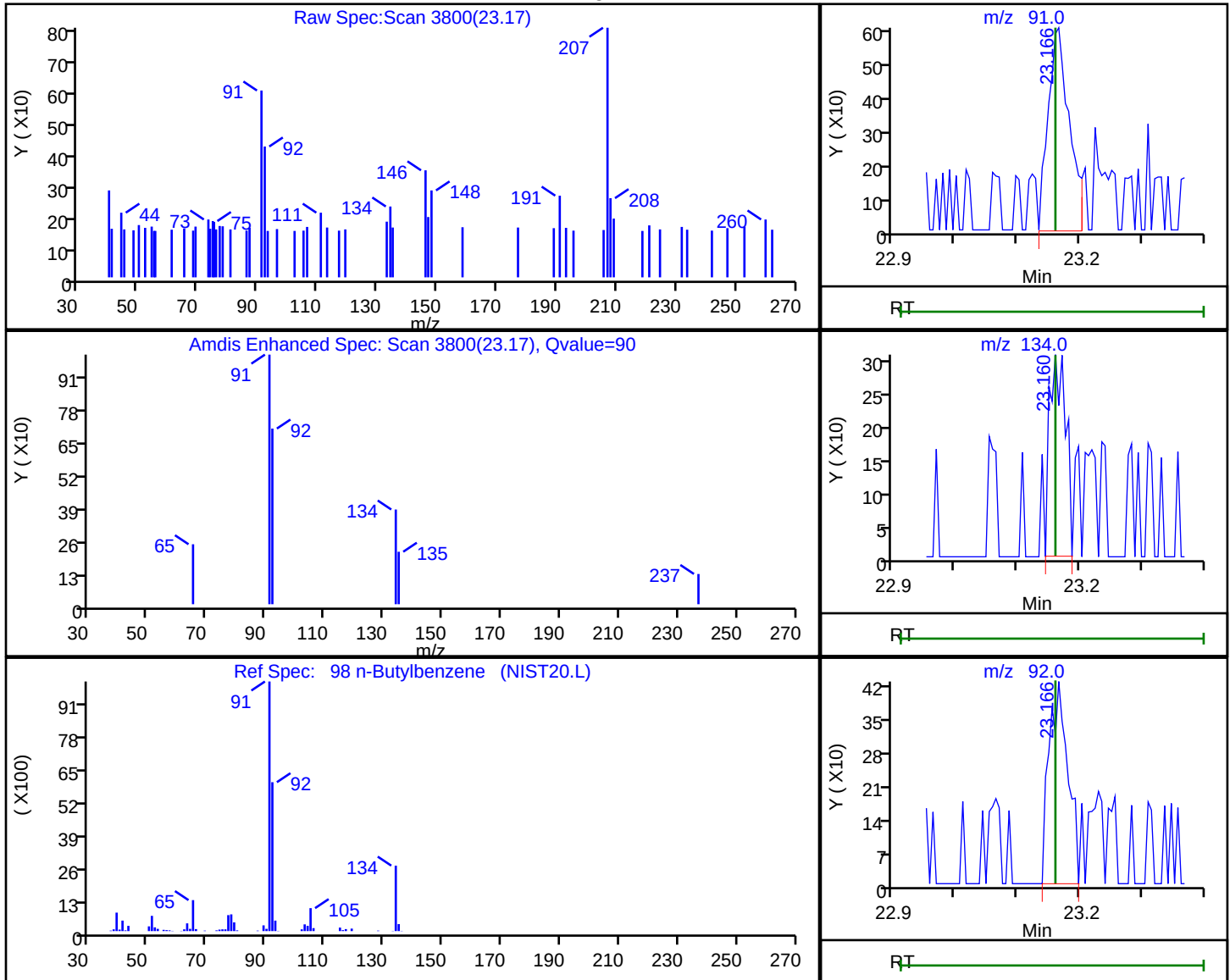
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 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

98 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
23.17	91.00	1438	0.021338
23.16	134.00	553	
23.17	92.00	898	

Reviewer: puangmaleek, 07-Dec-2022 10:28:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

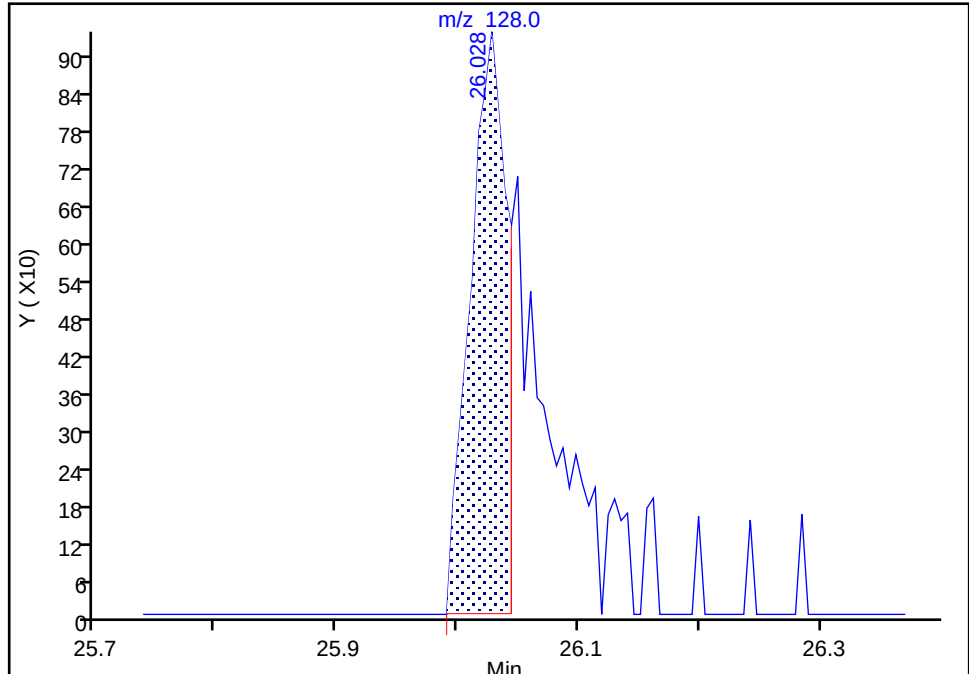
Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-005.d
Injection Date: 06-Dec-2022 10:50:30 Instrument ID: CHW.i
Lims ID: MB
Client ID:
Operator ID: vtp ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

104 Naphthalene, CAS: 91-20-3

Signal: 1

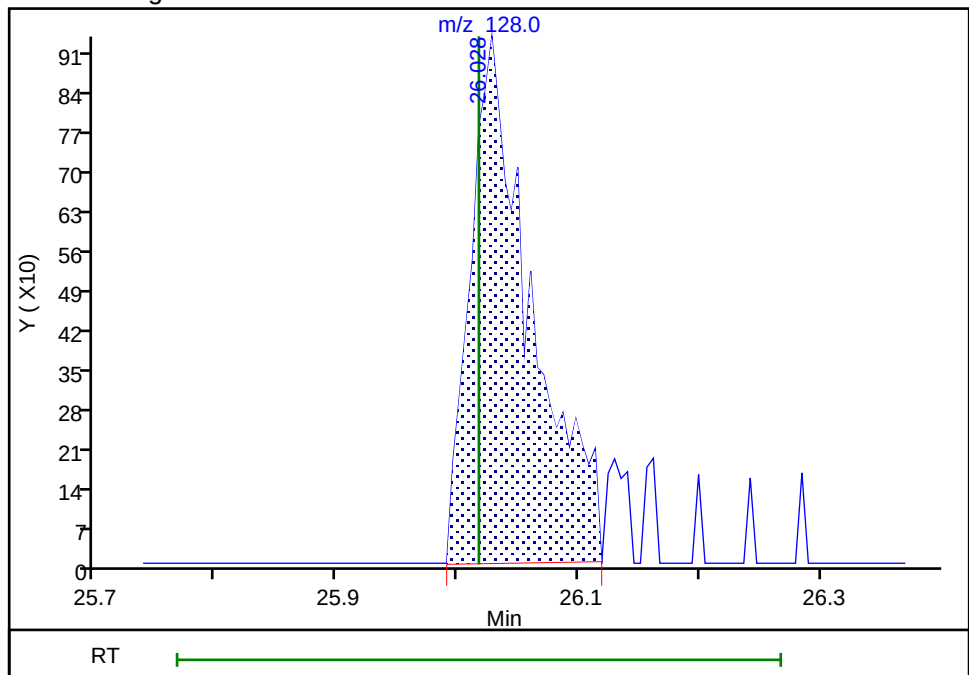
RT: 26.03
Area: 1968
Amount: 0.036116
Amount Units: ppb v/v

Processing Integration Results



RT: 26.03
Area: 3283
Amount: 0.060248
Amount Units: ppb v/v

Manual Integration Results



Reviewer: puangmaleek, 07-Dec-2022 10:28:24
Audit Action: Manually Integrated

Audit Reason: Assign Peak
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12/8/2022 3:46
PM

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 200-186329/6

Matrix: Air Lab File ID: 200-53537-006.D

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 12/05/2022 10:52

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.: 186329 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	9.12		0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	9.89		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	9.20		0.20	0.048
74-87-3	Chloromethane	50.49	10.2		0.50	0.15
106-97-8	n-Butane	58.12	9.79		0.50	0.20
75-01-4	Vinyl chloride	62.50	9.41		0.078	0.021
106-99-0	1,3-Butadiene	54.09	9.99		0.20	0.039
74-83-9	Bromomethane	94.94	9.86		0.20	0.071
75-00-3	Chloroethane	64.52	10.8		0.50	0.18
593-60-2	Bromoethene (Vinyl Bromide)	106.96	9.72		0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	9.10		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	10.4		0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	10.2		0.035	0.026
67-64-1	Acetone	58.08	11.5		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	14.4		5.0	1.6
75-15-0	Carbon disulfide	76.14	10.9		0.50	0.13
107-05-1	3-Chloropropene	76.53	10.3		0.50	0.12
75-09-2	Methylene Chloride	84.93	11.0		0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	10.2		5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	10.4		0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	10.9		0.20	0.023
110-54-3	n-Hexane	86.17	10.7		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	10.8		0.20	0.025
78-93-3	Methyl Ethyl Ketone	72.11	11.1		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	11.5		0.50	0.021
540-59-0	1,2-Dichloroethene, Total	96.94	22.4		0.40	0.10
67-66-3	Chloroform	119.38	10.0		0.20	0.041
109-99-9	Tetrahydrofuran	72.11	10.6		5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	9.26		0.20	0.044
110-82-7	Cyclohexane	84.16	9.92		0.20	0.058
56-23-5	Carbon tetrachloride	153.81	9.94		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	10.1		0.20	0.038

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 200-186329/6

Matrix: Air Lab File ID: 200-53537-006.D

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 12/05/2022 10:52

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.: 186329 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	9.71		0.20	0.044
107-06-2	1,2-Dichloroethane	98.96	9.27		0.20	0.093
142-82-5	n-Heptane	100.21	10.0		0.20	0.055
79-01-6	Trichloroethene	131.39	9.89		0.035	0.025
80-62-6	Methyl methacrylate	100.12	10.7		0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	10.6		0.20	0.094
123-91-1	1,4-Dioxane	88.11	10.0		5.0	1.3
75-27-4	Bromodichloromethane	163.83	9.25		0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	9.38		0.20	0.045
108-10-1	methyl isobutyl ketone	100.16	10.9		0.50	0.13
108-88-3	Toluene	92.14	10.5		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	9.87		0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	10.9		0.20	0.074
127-18-4	Tetrachloroethene	165.83	9.47		0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	11.6		0.50	0.15
124-48-1	Dibromochloromethane	208.28	9.98		0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	10.6		0.20	0.042
108-90-7	Chlorobenzene	112.56	10.4		0.20	0.044
100-41-4	Ethylbenzene	106.17	10.2		0.20	0.052
179601-23-1	m,p-Xylene	106.17	21.1		0.50	0.095
95-47-6	Xylene, o-	106.17	9.94		0.20	0.052
1330-20-7	Xylene (total)	106.17	31.0		0.70	0.11
100-42-5	Styrene	104.15	10.5		0.20	0.059
75-25-2	Bromoform	252.75	9.21		0.20	0.12
98-82-8	Cumene	120.19	10.0		0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	10.5		0.20	0.043
103-65-1	n-Propylbenzene	120.19	10.1		0.20	0.047
622-96-8	4-Ethyltoluene	120.20	9.87		0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	9.68		0.20	0.047
95-49-8	2-Chlorotoluene	126.59	9.90		0.20	0.046
98-06-6	tert-Butylbenzene	134.22	9.35		0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	9.33		0.20	0.080

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 200-186329/6
 Matrix: Air Lab File ID: 200-53537-006.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 12/05/2022 10:52
 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.: 186329 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	9.30		0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	9.28		0.20	0.061
541-73-1	1,3-Dichlorobenzene	147.00	9.27		0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	9.17		0.20	0.089
100-44-7	Benzyl chloride	126.58	9.30		0.20	0.088
104-51-8	n-Butylbenzene	134.22	9.11		0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	9.12		0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	7.77		0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	6.70		0.20	0.11
91-20-3	Naphthalene	128.17	9.02		0.50	0.30

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-006.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 05-Dec-2022 10:52:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053537-006
 Operator ID: vtp Instrument ID: CHG.i
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 05-Dec-2022 12:55:23 Calib Date: 22-Nov-2022 00:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1677

First Level Reviewer: BKZ7

Date: 05-Dec-2022 12:56:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	3.115	3.110	0.005	97	114857	10.0	9.88	
2 Dichlorodifluoromethane	85	3.174	3.169	0.005	100	670299	10.0	9.12	
3 Chlorodifluoromethane	51	3.195	3.196	-0.001	98	304351	10.0	9.89	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	3.393	3.393	0.000	90	594058	10.0	9.20	
5 Chloromethane	50	3.479	3.476	0.005	99	140859	10.0	10.2	
6 Vinyl chloride	62	3.682	3.684	0.000	97	172521	10.0	9.41	
7 Butane	43	3.682	3.682	0.000	94	190828	10.0	9.79	
8 Butadiene	54	3.757	3.759	0.000	97	107760	10.0	10.0	
9 Bromomethane	94	4.260	4.262	0.000	98	227599	10.0	9.86	
10 Chloroethane	64	4.458	4.455	0.005	97	68549	10.0	10.8	
11 2-Methylbutane	43	4.613	4.616	0.000	88	130770	10.0	10.1	
12 Vinyl bromide	106	4.784	4.782	0.005	97	228370	10.0	9.72	
13 Trichlorofluoromethane	101	4.907	4.910	0.000	100	628694	10.0	9.10	
14 Pentane	43	5.073	5.076	0.000	96	205173	10.0	11.0	
15 Ethanol	45	5.212	5.205	0.010	97	72604	14.7	13.9	
16 Ethyl ether	59	5.421	5.424	0.000	95	74921	10.0	10.3	
17 Acrolein	56	5.629	5.633	-0.001	98	27174	10.0	8.50	
18 1,1-Dichloroethene	96	5.811	5.806	0.005	97	213174	10.0	10.2	
20 BFB									
21 1,1,2-Trichloro-1,2,2-trifluoro	101	5.843	5.842	0.005	95	469979	10.0	10.4	
19 Acetone	43	5.886	5.881	0.005	99	196580	10.0	11.5	
22 Isopropyl alcohol	45	6.143	6.138	0.005	100	294328	10.0	14.4	
23 Carbon disulfide	76	6.191	6.195	0.000	100	551011	10.0	10.9	
24 Acetonitrile	41	6.346	6.345	0.005	98	69563	10.0	11.5	
25 3-Chloro-1-propene	41	6.448	6.448	0.000	98	162828	10.0	10.3	
26 Methylene Chloride	49	6.667	6.662	0.005	87	185625	10.0	11.0	
27 2-Methyl-2-propanol	59	6.887	6.885	0.005	95	287640	10.0	10.2	
28 Acrylonitrile	53	7.058	7.057	0.005	94	75172	10.0	11.5	
29 trans-1,2-Dichloroethene	61	7.149	7.153	0.000	96	258831	10.0	10.9	
30 Methyl tert-butyl ether	73	7.170	7.165	0.005	95	412474	10.0	10.4	
31 Hexane	57	7.657	7.656	0.005	87	191797	10.0	10.7	
32 1,1-Dichloroethane	63	7.903	7.902	0.005	99	285751	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 Vinyl acetate	43	7.914	7.918	0.000	100	216508	10.0	8.18	
34 2-Butanone (MEK)	72	8.877	8.876	0.005	99	66444	10.0	11.1	
35 cis-1,2-Dichloroethene	96	8.893	8.893	0.005	89	216597	10.0	11.5	
36 Ethyl acetate	88	8.962	8.967	-0.001	99	10076	10.0	10.5	
* 37 Chlorobromomethane	128	9.310	9.305	0.005	73	226036	10.0	10.0	
38 Tetrahydrofuran	42	9.380	9.379	0.006	85	123150	10.0	10.6	
39 Chloroform	83	9.497	9.497	0.005	96	478688	10.0	10.0	
S 43 1,2-Dichloroethene, Total	61				0		20.0	22.4	
40 1,1,1-Trichloroethane	97	9.818	9.818	0.005	95	538497	10.0	9.26	
41 Cyclohexane	84	9.963	9.967	0.000	95	239895	10.0	9.92	
42 Carbon tetrachloride	117	10.107	10.112	0.000	99	611597	10.0	9.94	
44 Benzene	78	10.487	10.482	0.005	94	574552	10.0	9.71	
45 1,2-Dichloroethane	62	10.562	10.567	0.000	99	271393	10.0	9.27	
46 Isooctane	57	10.733	10.738	0.000	97	811940	10.0	10.1	
47 n-Heptane	43	11.075	11.076	-0.001	91	295065	10.0	10.0	
* 48 1,4-Difluorobenzene	114	11.300	11.300	0.000	92	1087003	10.0	10.0	
49 n-Butanol	56	11.659	11.643	0.022	91	91321	10.0	7.70	
50 Trichloroethene	95	11.782	11.793	-0.005	97	424212	10.0	9.89	
51 1,2-Dichloropropane	63	12.295	12.296	0.005	88	212424	10.0	10.6	
54 Methyl methacrylate	69	12.418	12.424	0.000	96	186519	10.0	10.7	
55 1,4-Dioxane	88	12.472	12.467	0.011	39	133640	10.0	10.0	M
53 Dibromomethane	174	12.466	12.467	-0.001	90	454747	10.0	8.64	
A 57 GRO	1	12.560	(4.603-20.517)		0	94742748	649.9	0	
56 Dichlorobromomethane	83	12.814	12.820	0.000	98	562083	10.0	9.25	
58 cis-1,3-Dichloropropene	75	13.708	13.702	0.006	93	382075	10.0	9.38	
59 4-Methyl-2-pentanone (MIBK)	43	14.023	14.030	0.000	97	396806	10.0	10.9	
A 62 TVOC as Toluene	92	14.291	(3.100-25.482)		0	139439106	899.8	0	
60 Toluene	92	14.403	14.403	0.000	93	478874	10.0	10.5	
A 61 Toluene Range	92	14.403	(14.363-14.443)		0	1862989	NC	NC	
63 n-Octane	43	14.692	14.692	0.000	89	404233	10.0	10.0	
A 64 C8 Range	1	14.692	(14.670-14.725)		0	1678834	NC	NC	
65 trans-1,3-Dichloropropene	75	14.858	14.858	0.000	97	355792	10.0	9.87	
66 1,1,2-Trichloroethane	83	15.259	15.254	0.005	94	256947	10.0	10.9	
67 Tetrachloroethene	166	15.468	15.468	0.000	97	630384	10.0	9.47	
68 2-Hexanone	43	15.740	15.735	0.005	95	386664	10.0	11.6	
69 Chlorodibromomethane	129	16.040	16.040	0.000	97	720822	10.0	9.98	
70 Ethylene Dibromide	107	16.291	16.292	-0.001	99	545814	10.0	10.6	
* 71 Chlorobenzene-d5	117	17.265	17.265	0.000	83	1004844	10.0	10.0	
72 Chlorobenzene	112	17.324	17.329	-0.005	98	750651	10.0	10.4	
73 Ethylbenzene	91	17.538	17.543	-0.005	97	1014893	10.0	10.2	
74 m-Xylene & p-Xylene	106	17.821	17.822	-0.001	0	833612	20.0	21.1	
75 n-Nonane	57	17.902	17.902	0.000	86	360387	10.0	10.8	
76 o-Xylene	106	18.629	18.629	0.000	99	409234	10.0	9.94	
77 Styrene	104	18.667	18.667	0.000	98	640848	10.0	10.5	
78 Bromoform	173	19.030	19.036	-0.006	98	788945	10.0	9.21	
79 Isopropylbenzene	105	19.389	19.389	0.000	95	1086373	10.0	10.0	
S 82 Xylenes, Total	106				0		30.0	31.0	
80 1,1,2,2-Tetrachloroethane	83	19.940	19.940	0.000	99	630995	10.0	10.5	
81 1,2,3-Trichloropropane	75	20.042	20.041	0.000	98	483204	10.0	10.6	
83 N-Propylbenzene	91	20.154	20.154	0.000	100	1220035	10.0	10.1	
84 2-Chlorotoluene	91	20.298	20.299	-0.001	96	816787	10.0	9.90	
85 4-Ethyltoluene	105	20.363	20.363	0.000	99	1028066	10.0	9.87	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
86 1,3,5-Trimethylbenzene	105	20.464	20.464	0.000	94	856940	10.0	9.68	
87 n-Decane	57	20.507	20.507	0.000	93	357052	10.0	10.2	
88 Alpha Methyl Styrene	118	20.801	20.801	0.000	91	466969	10.0	9.56	
89 tert-Butylbenzene	119	20.962	20.962	0.000	93	802640	10.0	9.35	
90 1,2,4-Trimethylbenzene	105	21.053	21.053	0.000	97	856656	10.0	9.33	
91 sec-Butylbenzene	105	21.304	21.304	0.000	99	1151382	10.0	9.30	
92 1,3-Dichlorobenzene	146	21.470	21.475	-0.005	95	776766	10.0	9.27	
93 4-Isopropyltoluene	119	21.523	21.524	-0.001	98	994666	10.0	9.28	
94 1,4-Dichlorobenzene	146	21.620	21.620	0.000	97	776039	10.0	9.17	
95 Benzyl chloride	91	21.775	21.775	0.000	100	827121	10.0	9.30	
97 n-Butylbenzene	91	22.090	22.091	-0.001	98	832383	10.0	9.11	
96 1,2-Dichlorobenzene	146	22.117	22.117	0.000	99	751780	10.0	9.12	
98 Undecane	57	22.256	22.257	-0.001	93	337235	10.0	9.25	
99 Dodecane	57	23.856	23.856	0.000	97	288476	10.0	9.73	
100 1,2,4-Trichlorobenzene	180	24.578	24.578	0.000	94	623377	10.0	7.77	
101 Hexachlorobutadiene	225	24.830	24.830	0.000	95	518477	10.0	6.70	
102 Naphthalene	128	25.054	25.060	-0.006	99	1291855	10.0	9.02	
103 1,2,3-Trichlorobenzene	180	25.472	25.472	0.000	95	583622	10.0	8.50	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

ATTO15LCSW_00850

Amount Added: 200.00

Units: mL

ATTO15GIS_00019

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 05-Dec-2022 12:56:09

Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-006.D

Injection Date: 05-Dec-2022 10:52:30

Instrument ID: CHG.i

Operator ID: vtp

Lims ID: LCS

Worklist Smp#: 6

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

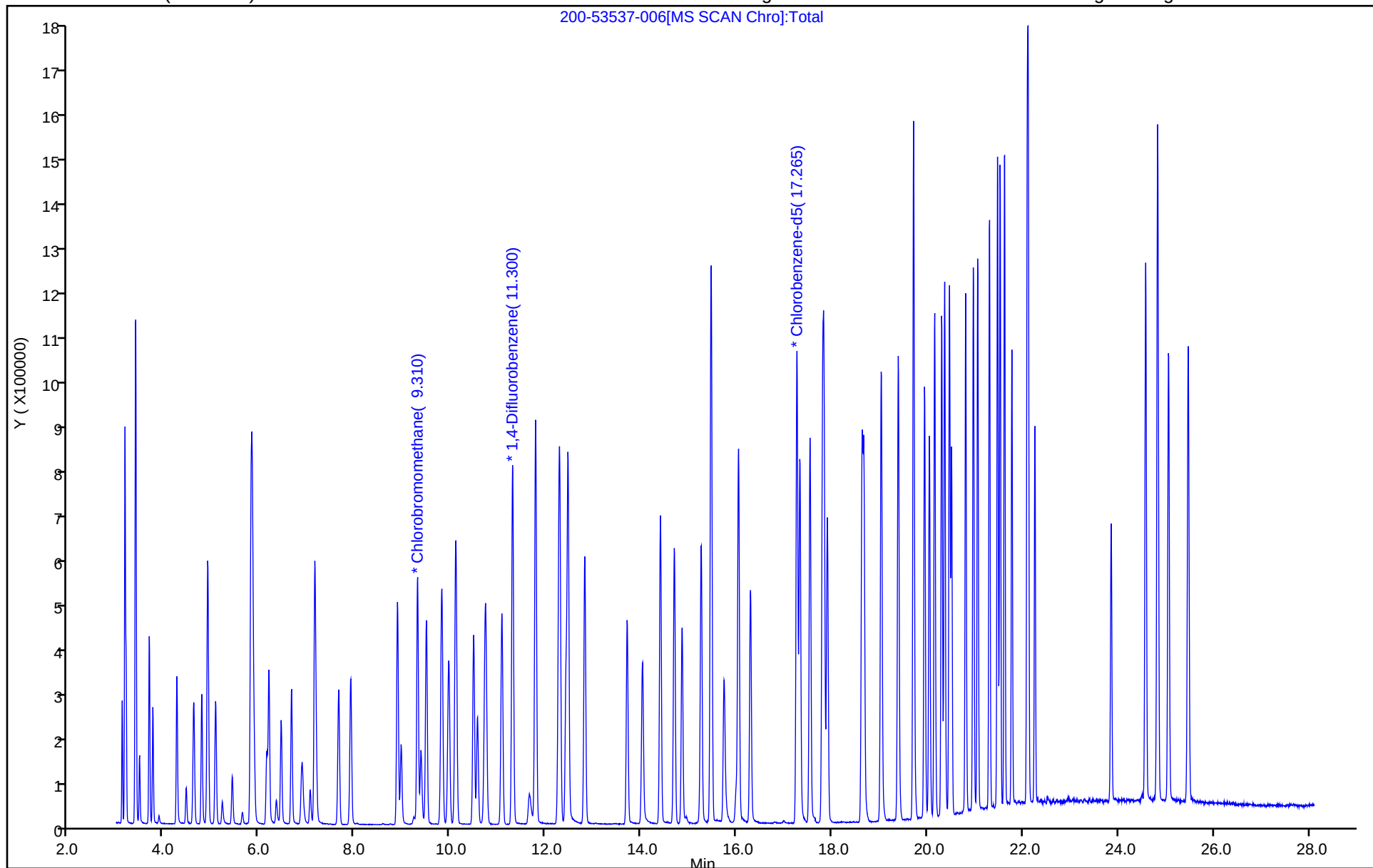
ALS Bottle#: 5

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

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



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221205-53537.b\200-53537-006.D

Injection Date: 05-Dec-2022 10:52:30

Instrument ID: CHG.i

Lims ID: LCS

Client ID:

Operator ID: vtp

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

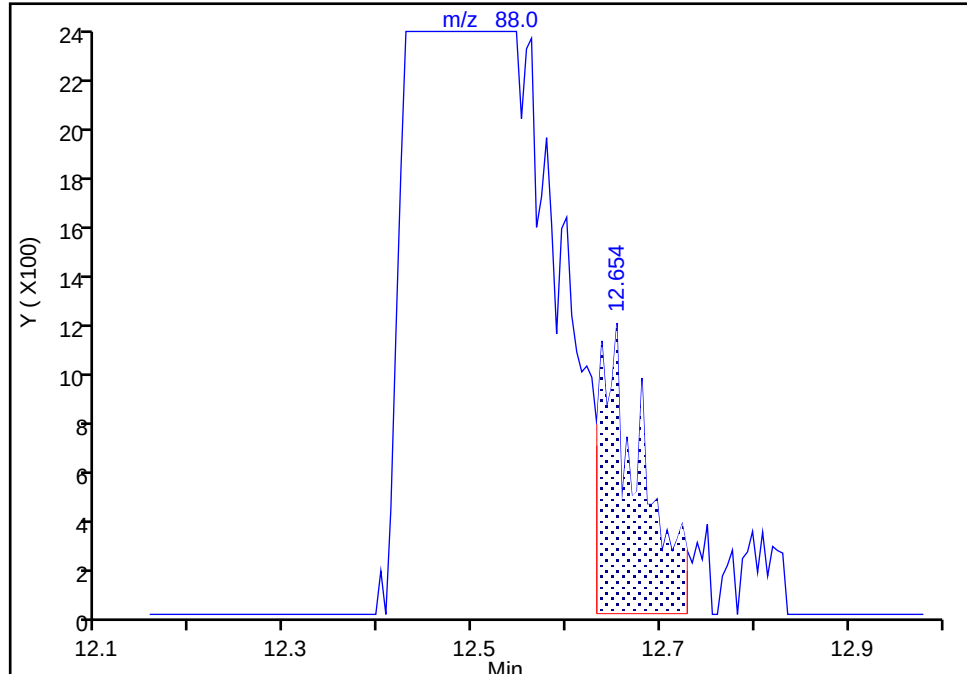
Detector: MS SCAN

55 1,4-Dioxane, CAS: 123-91-1

Signal: 1

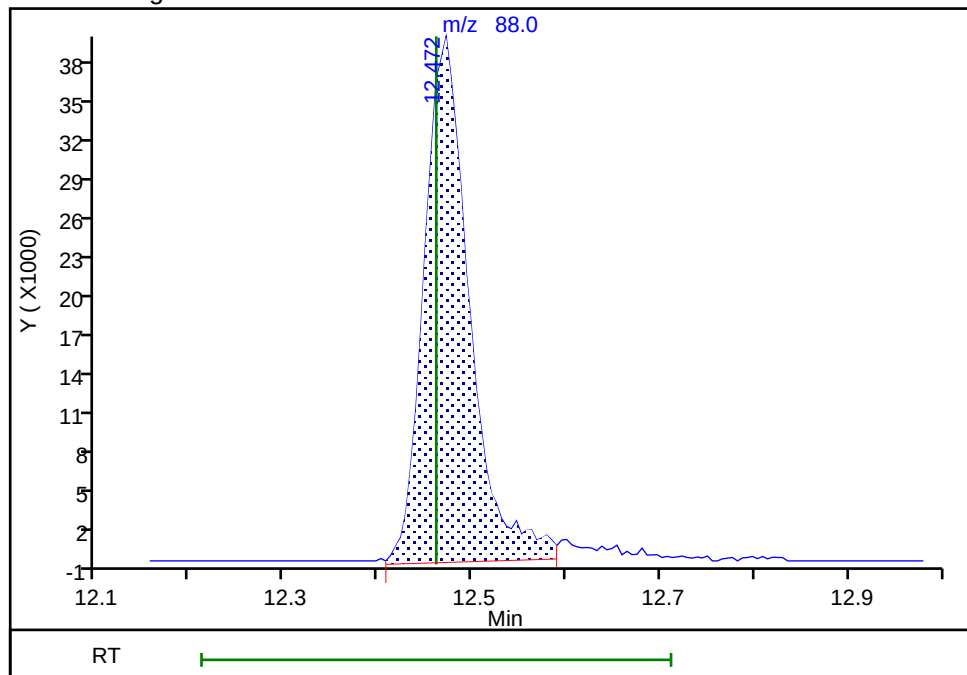
RT: 12.65
Area: 3589
Amount: 0.269388
Amount Units: ppb v/v

Processing Integration Results



RT: 12.47
Area: 133640
Amount: 10.030940
Amount Units: ppb v/v

Manual Integration Results



Reviewer: BKZ7, 05-Dec-2022 11:32:50

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 200-186397/4

Matrix: Air Lab File ID: 53566-004.d

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 09:58

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.: 186397 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	9.81		0.50	0.11
75-45-6	Chlorodifluoromethane	86.47	11.0		0.50	0.12
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	9.90		0.20	0.048
74-87-3	Chloromethane	50.49	11.2		0.50	0.15
106-97-8	n-Butane	58.12	11.3		0.50	0.20
75-01-4	Vinyl chloride	62.50	9.17		0.078	0.021
106-99-0	1,3-Butadiene	54.09	8.42		0.20	0.039
74-83-9	Bromomethane	94.94	9.62		0.20	0.071
75-00-3	Chloroethane	64.52	10.7		0.50	0.18
593-60-2	Bromoethene (Vinyl Bromide)	106.96	9.34		0.20	0.050
75-69-4	Trichlorofluoromethane	137.37	9.21		0.20	0.050
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	10.2		0.20	0.053
75-35-4	1,1-Dichloroethene	96.94	9.24		0.035	0.026
67-64-1	Acetone	58.08	11.7		5.0	1.6
67-63-0	Isopropyl alcohol	60.10	10.3		5.0	1.6
75-15-0	Carbon disulfide	76.14	11.1		0.50	0.13
107-05-1	3-Chloropropene	76.53	10.2		0.50	0.12
75-09-2	Methylene Chloride	84.93	11.1		0.50	0.18
75-65-0	tert-Butyl alcohol	74.12	11.0		5.0	1.2
1634-04-4	Methyl tert-butyl ether	88.15	10.4		0.20	0.036
156-60-5	trans-1,2-Dichloroethene	96.94	9.92		0.20	0.023
110-54-3	n-Hexane	86.17	10.7		0.50	0.11
75-34-3	1,1-Dichloroethane	98.96	10.3		0.20	0.025
78-93-3	Methyl Ethyl Ketone	72.11	11.1		0.50	0.49
156-59-2	cis-1,2-Dichloroethene	96.94	10.2		0.50	0.021
540-59-0	1,2-Dichloroethene, Total	96.94	20.1		0.40	0.10
67-66-3	Chloroform	119.38	10.2		0.20	0.041
109-99-9	Tetrahydrofuran	72.11	11.7		5.0	1.3
71-55-6	1,1,1-Trichloroethane	133.41	9.63		0.20	0.044
110-82-7	Cyclohexane	84.16	10.3		0.20	0.058
56-23-5	Carbon tetrachloride	153.81	8.87		0.035	0.022
540-84-1	2,2,4-Trimethylpentane	114.23	10.7		0.20	0.038

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 200-186397/4

Matrix: Air Lab File ID: 53566-004.d

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 09:58

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.: 186397 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
71-43-2	Benzene	78.11	10.4		0.20	0.044
107-06-2	1,2-Dichloroethane	98.96	9.37		0.20	0.093
142-82-5	n-Heptane	100.21	10.4		0.20	0.055
79-01-6	Trichloroethene	131.39	9.54		0.035	0.025
80-62-6	Methyl methacrylate	100.12	11.3		0.50	0.14
78-87-5	1,2-Dichloropropane	112.99	10.8		0.20	0.094
123-91-1	1,4-Dioxane	88.11	9.09		5.0	1.3
75-27-4	Bromodichloromethane	163.83	9.68		0.20	0.050
10061-01-5	cis-1,3-Dichloropropene	110.97	9.62		0.20	0.045
108-10-1	methyl isobutyl ketone	100.16	11.4		0.50	0.13
108-88-3	Toluene	92.14	10.2		0.20	0.042
10061-02-6	trans-1,3-Dichloropropene	110.97	10.3		0.20	0.054
79-00-5	1,1,2-Trichloroethane	133.41	10.1		0.20	0.074
127-18-4	Tetrachloroethene	165.83	9.30		0.20	0.021
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	11.4		0.50	0.15
124-48-1	Dibromochloromethane	208.28	9.85		0.20	0.063
106-93-4	1,2-Dibromoethane	187.87	10.1		0.20	0.042
108-90-7	Chlorobenzene	112.56	9.94		0.20	0.044
100-41-4	Ethylbenzene	106.17	10.3		0.20	0.052
179601-23-1	m,p-Xylene	106.17	20.1		0.50	0.095
95-47-6	Xylene, o-	106.17	9.67		0.20	0.052
1330-20-7	Xylene (total)	106.17	29.8		0.70	0.11
100-42-5	Styrene	104.15	10.2		0.20	0.059
75-25-2	Bromoform	252.75	9.57		0.20	0.12
98-82-8	Cumene	120.19	9.91		0.20	0.041
79-34-5	1,1,2,2-Tetrachloroethane	167.85	10.2		0.20	0.043
103-65-1	n-Propylbenzene	120.19	10.2		0.20	0.047
622-96-8	4-Ethyltoluene	120.20	10.1		0.20	0.049
108-67-8	1,3,5-Trimethylbenzene	120.20	9.92		0.20	0.047
95-49-8	2-Chlorotoluene	126.59	9.89		0.20	0.046
98-06-6	tert-Butylbenzene	134.22	9.63		0.20	0.047
95-63-6	1,2,4-Trimethylbenzene	120.20	9.79		0.20	0.080

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

Lab Name: Eurofins Burlington Job No.: 200-65967-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 200-186397/4
 Matrix: Air Lab File ID: 53566-004.d
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 12/06/2022 09:58
 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.: 186397 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
135-98-8	sec-Butylbenzene	134.22	9.78		0.20	0.045
99-87-6	4-Isopropyltoluene	134.22	9.88		0.20	0.061
541-73-1	1,3-Dichlorobenzene	147.00	9.88		0.20	0.074
106-46-7	1,4-Dichlorobenzene	147.00	9.82		0.20	0.089
100-44-7	Benzyl chloride	126.58	9.81		0.20	0.088
104-51-8	n-Butylbenzene	134.22	10.0		0.20	0.11
95-50-1	1,2-Dichlorobenzene	147.00	9.75		0.20	0.066
120-82-1	1,2,4-Trichlorobenzene	181.45	8.96		0.50	0.33
87-68-3	Hexachlorobutadiene	260.76	7.91		0.20	0.11
91-20-3	Naphthalene	128.17	9.58		0.50	0.30

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-004.d
 Lims ID: lcs
 Client ID:
 Sample Type: LCS
 Inject. Date: 06-Dec-2022 09:58:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053566-004
 Operator ID: vtp Instrument ID: CHW.i
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 07-Dec-2022 10:26:29 Calib Date: 01-Dec-2022 23:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221201-53510.b\53510-013.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1627

First Level Reviewer: puangmaleek

Date: 07-Dec-2022 10:26:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
1 Propene	41	4.078	4.078	0.000	98	123007	10.0	11.8	
2 Dichlorodifluoromethane	85	4.169	4.169	0.000	99	479132	10.0	9.81	
3 Chlorodifluoromethane	51	4.212	4.212	0.000	97	249341	10.0	11.0	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85	4.511	4.511	0.000	97	555499	10.0	9.90	
5 Chloromethane	50	4.629	4.629	0.000	99	150331	10.0	11.2	
6 Vinyl chloride	62	4.923	4.923	0.000	100	173374	10.0	9.17	
7 Butane	43	4.929	4.929	0.000	98	200429	10.0	11.3	
8 Butadiene	54	5.036	5.036	0.000	88	115409	10.0	8.42	
9 Bromomethane	94	5.736	5.736	0.000	99	204140	10.0	9.62	
11 BFB									
10 Chloroethane	64	6.004	6.004	0.000	98	100153	10.0	10.7	
12 2-Methylbutane	43	6.213	6.213	0.000	89	165508	10.0	10.4	
13 Vinyl bromide	106	6.421	6.421	0.000	100	198551	10.0	9.34	
14 Trichlorofluoromethane	101	6.582	6.582	0.000	98	421000	10.0	9.21	
15 Pentane	43	6.785	6.785	0.000	95	235696	10.0	11.8	
16 Ethanol	45	6.951	6.951	0.000	97	79656	14.7	15.9	
18 Ethyl ether	59	7.202	7.202	0.000	86	104128	10.0	10.4	
19 Acrolein	56	7.432	7.432	0.000	95	49765	10.0	9.64	
20 1,1-Dichloroethene	96	7.630	7.630	0.000	91	183274	10.0	9.24	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	7.673	7.673	0.000	95	375331	10.0	10.2	
22 Acetone	43	7.710	7.710	0.000	95	163253	10.0	11.7	
23 Isopropyl alcohol	45	8.005	8.005	0.000	100	167254	10.0	10.3	
24 Carbon disulfide	76	8.037	8.037	0.000	98	439911	10.0	11.1	
25 Acetonitrile	41	8.203	8.203	0.000	99	70218	10.0	5.97	
26 3-Chloro-1-propene	41	8.326	8.326	0.000	94	133509	10.0	10.2	
27 Methylene Chloride	49	8.550	8.550	0.000	80	119961	10.0	11.1	
28 2-Methyl-2-propanol	59	8.775	8.775	0.000	99	238718	10.0	11.0	
29 Acrylonitrile	53	8.946	8.946	0.000	94	73723	10.0	11.6	
30 trans-1,2-Dichloroethene	61	9.053	9.053	0.000	93	173105	10.0	9.92	
31 Methyl tert-butyl ether	73	9.064	9.064	0.000	95	379045	10.0	10.4	
32 Hexane	57	9.556	9.556	0.000	90	176121	10.0	10.7	
33 1,1-Dichloroethane	63	9.802	9.802	0.000	99	212824	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
34 Vinyl acetate	43	9.824	9.824	0.000	99	176888	10.0	8.58	
S 35 1,2-Dichloroethene, Total	61				0		20.0	20.1	
36 2-Butanone (MEK)	72	10.765	10.765	0.000	95	66564	10.0	11.1	
37 cis-1,2-Dichloroethene	96	10.792	10.792	0.000	85	158171	10.0	10.2	
38 Ethyl acetate	88	10.856	10.856	0.000	99	13657	10.0	10.7	
* 39 Chlorobromomethane	128	11.198	11.198	0.000	73	106401	10.0	10.0	
40 Tetrahydrofuran	42	11.247	11.247	0.000	84	97302	10.0	11.7	
41 Chloroform	83	11.375	11.375	0.000	94	285299	10.0	10.2	
42 1,1,1-Trichloroethane	97	11.680	11.680	0.000	96	301429	10.0	9.63	
43 Cyclohexane	84	11.819	11.819	0.000	91	195260	10.0	10.3	
44 Carbon tetrachloride	117	11.958	11.958	0.000	99	323605	10.0	8.87	
45 Benzene	78	12.300	12.300	0.000	93	434525	10.0	10.4	
46 1,2-Dichloroethane	62	12.375	12.375	0.000	92	159478	10.0	9.37	
47 Isooctane	57	12.525	12.525	0.000	99	556803	10.0	10.7	
48 n-Heptane	43	12.835	12.835	0.000	84	173476	10.0	10.4	
* 49 1,4-Difluorobenzene	114	13.039	13.039	0.000	92	520872	10.0	10.0	
50 n-Butanol	56	13.269	13.269	0.000	83	57698	10.0	8.33	
51 Trichloroethene	95	13.467	13.467	0.000	94	207124	10.0	9.54	
A 52 GRO	1	13.908	(6.203-21.614)		0	62413963	649.9	0	
53 1,2-Dichloropropane	63	13.921	13.921	0.000	93	136194	10.0	10.8	
54 Methyl methacrylate	69	14.018	14.018	0.000	92	137729	10.0	11.3	
55 1,4-Dioxane	88	14.061	14.061	0.000	85	89350	10.0	9.09	
57 Dibromomethane	174	14.077	14.077	0.000	88	245212	10.0	9.58	
58 Dichlorobromomethane	83	14.387	14.387	0.000	98	297301	10.0	9.68	
59 cis-1,3-Dichloropropene	75	15.189	15.189	0.000	87	245051	10.0	9.62	
A 60 TVOC as Toluene	1	15.248	(4.068-26.428)		0	95049944	899.8	0	
61 4-Methyl-2-pentanone (MIBK)	43	15.457	15.457	0.000	92	215251	10.0	11.4	
62 Toluene	92	15.831	15.831	0.000	93	339671	10.0	10.2	
A 63 Toluene Range	1	15.847	(15.762-15.933)		0	1260859	NC	NC	
64 n-Octane	43	16.093	16.093	0.000	83	236008	10.0	10.5	
A 65 C8 Range	1	16.093	(16.019-16.168)		0	1112429	NC	NC	
66 trans-1,3-Dichloropropene	75	16.249	16.249	0.000	93	221958	10.0	10.3	
67 1,1,2-Trichloroethane	83	16.618	16.618	0.000	92	152418	10.0	10.1	
68 Tetrachloroethene	166	16.821	16.821	0.000	95	357068	10.0	9.30	
69 2-Hexanone	43	17.035	17.035	0.000	98	200957	10.0	11.4	
70 Chlorodibromomethane	129	17.356	17.356	0.000	98	375739	10.0	9.85	
71 Ethylene Dibromide	107	17.591	17.591	0.000	99	308069	10.0	10.1	
* 73 Chlorobenzene-d5	117	18.506	18.506	0.000	82	458478	10.0	10.0	
74 Chlorobenzene	112	18.565	18.565	0.000	99	493061	10.0	9.94	
75 Ethylbenzene	91	18.758	18.758	0.000	96	735621	10.0	10.3	
76 m-Xylene & p-Xylene	106	19.025	19.025	0.000	0	610998	20.0	20.1	
77 n-Nonane	57	19.100	19.100	0.000	82	275789	10.0	10.4	
78 o-Xylene	106	19.795	19.795	0.000	99	297006	10.0	9.67	
79 Styrene	104	19.833	19.833	0.000	96	476392	10.0	10.2	
S 80 Xylenes, Total	106				0		30.0	29.8	
81 Bromoform	173	20.186	20.186	0.000	99	403481	10.0	9.57	
82 Isopropylbenzene	105	20.523	20.523	0.000	97	863510	10.0	9.91	
83 1,1,2,2-Tetrachloroethane	83	21.053	21.053	0.000	98	393307	10.0	10.2	
84 1,2,3-Trichloropropane	75	21.154	21.154	0.000	95	298173	10.0	11.0	
85 N-Propylbenzene	91	21.261	21.261	0.000	100	972715	10.0	10.2	
86 2-Chlorotoluene	91	21.406	21.406	0.000	96	600111	10.0	9.89	
87 4-Ethyltoluene	105	21.465	21.465	0.000	99	843022	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
88 1,3,5-Trimethylbenzene	105	21.561	21.561	0.000	94	714205	10.0	9.92	
89 n-Decane	57	21.604	21.604	0.000	90	341431	10.0	11.2	
90 Alpha Methyl Styrene	118	21.898	21.898	0.000	92	381561	10.0	9.77	
91 tert-Butylbenzene	119	22.053	22.053	0.000	95	699823	10.0	9.63	
92 1,2,4-Trimethylbenzene	105	22.144	22.144	0.000	96	704793	10.0	9.79	
93 sec-Butylbenzene	105	22.385	22.385	0.000	99	1002964	10.0	9.78	
94 1,3-Dichlorobenzene	146	22.556	22.556	0.000	94	533015	10.0	9.88	
95 4-Isopropyltoluene	119	22.604	22.604	0.000	98	895608	10.0	9.88	
96 1,4-Dichlorobenzene	146	22.700	22.700	0.000	97	511260	10.0	9.82	
97 Benzyl chloride	91	22.845	22.845	0.000	100	532584	10.0	9.81	
98 n-Butylbenzene	91	23.160	23.160	0.000	97	722059	10.0	10.0	
99 1,2-Dichlorobenzene	146	23.182	23.182	0.000	99	499386	10.0	9.75	
100 Undecane	57	23.316	23.316	0.000	91	350695	10.0	11.7	
101 Dodecane	57	24.862	24.862	0.000	95	277954	10.0	11.2	
102 1,2,4-Trichlorobenzene	180	25.562	25.562	0.000	93	300378	10.0	8.96	
103 Hexachlorobutadiene	225	25.803	25.803	0.000	94	415712	10.0	7.91	
104 Naphthalene	128	26.017	26.017	0.000	99	557436	10.0	9.58	
105 1,2,3-Trichlorobenzene	180	26.418	26.418	0.000	96	255374	10.0	9.50	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

ATTO15LCSW_00850

Amount Added: 200.00

Units: mL

ATTO15WISS_00010

Amount Added: 20.00

Units: mL

Run Reagent

Report Date: 07-Dec-2022 10:26:29

Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221206-53566.b\53566-004.d

Injection Date: 06-Dec-2022 09:58:30

Instrument ID: CHW.i

Operator ID: vtp

Lims ID: lcs

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

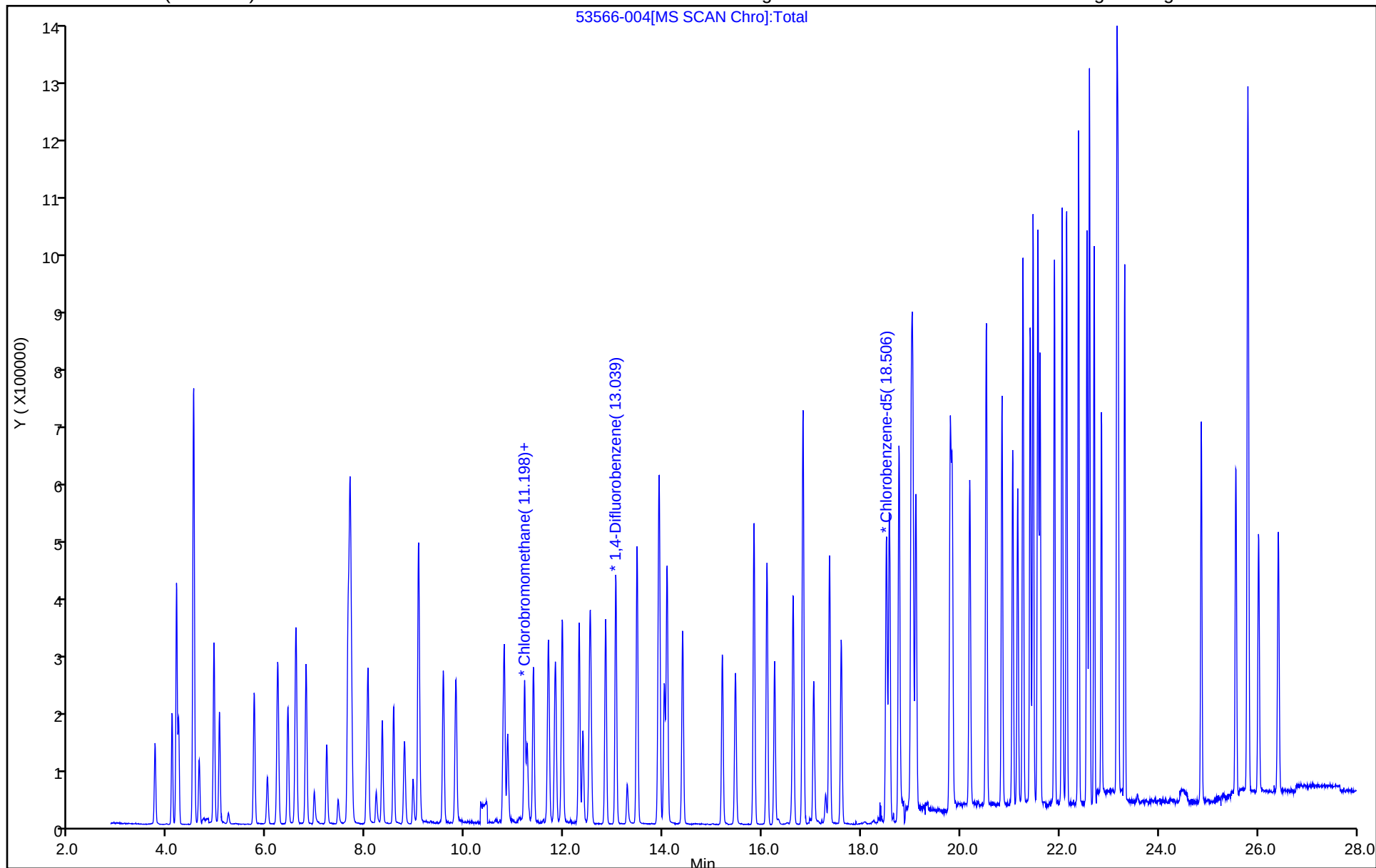
ALS Bottle#: 3

Method: TO15_TO3_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.: 200-65967-1

SDG No.: _____

Instrument ID: CHG.i Start Date: 11/21/2022 14:10Analysis Batch Number: 186003 End Date: 11/22/2022 05:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-186003/1		11/21/2022 14:10	1	200-53415-001.D	RTX-624 0.32 (mm)
IC 200-186003/4		11/21/2022 16:41	1	200-53415-004.D	RTX-624 0.32 (mm)
IC 200-186003/5		11/21/2022 17:34	1	200-53415-005.D	RTX-624 0.32 (mm)
IC 200-186003/6		11/21/2022 18:27	1	200-53415-006.D	RTX-624 0.32 (mm)
IC 200-186003/7		11/21/2022 19:20	1	200-53415-007.D	RTX-624 0.32 (mm)
ICIS 200-186003/8		11/21/2022 20:12	1	200-53415-008.D	RTX-624 0.32 (mm)
IC 200-186003/9		11/21/2022 21:05	1	200-53415-009.D	RTX-624 0.32 (mm)
IC 200-186003/12		11/21/2022 23:44	1	200-53415-012.D	RTX-624 0.32 (mm)
IC 200-186003/13		11/22/2022 00:38	1	200-53415-013.D	RTX-624 0.32 (mm)
ICV 200-186003/17		11/22/2022 04:11	1	200-53415-017.D	RTX-624 0.32 (mm)
ZZZZZ		11/22/2022 05:56	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins BurlingtonJob No.: 200-65967-1

SDG No.: _____

Instrument ID: CHG.iStart Date: 12/05/2022 06:35Analysis Batch Number: 186329End Date: 12/06/2022 05:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-186329/1		12/05/2022 06:35	1	200-53537-001.D	RTX-624 0.32 (mm)
CCVIS 200-186329/4		12/05/2022 09:06	1	200-53537-004.D	RTX-624 0.32 (mm)
MB 200-186329/5		12/05/2022 09:58	1	200-53537-005.D	RTX-624 0.32 (mm)
LCS 200-186329/6		12/05/2022 10:52	1	200-53537-006.D	RTX-624 0.32 (mm)
ZZZZZ		12/05/2022 11:45	0.2		RTX-624 0.32 (mm)
ZZZZZ		12/05/2022 12:37	5		RTX-624 0.32 (mm)
ZZZZZ		12/05/2022 13:30	40		RTX-624 0.32 (mm)
ZZZZZ		12/05/2022 14:23	0.2		RTX-624 0.32 (mm)
ZZZZZ		12/05/2022 15:15	1		RTX-624 0.32 (mm)
ZZZZZ		12/05/2022 16:08	1		RTX-624 0.32 (mm)
ZZZZZ		12/05/2022 17:01	1		RTX-624 0.32 (mm)
ZZZZZ		12/05/2022 17:53	1		RTX-624 0.32 (mm)
ZZZZZ		12/05/2022 18:46	1		RTX-624 0.32 (mm)
ZZZZZ		12/05/2022 19:39	1		RTX-624 0.32 (mm)
ZZZZZ		12/05/2022 20:31	49.8		RTX-624 0.32 (mm)
ZZZZZ		12/05/2022 21:24	25.3		RTX-624 0.32 (mm)
ZZZZZ		12/05/2022 22:16	10		RTX-624 0.32 (mm)
ZZZZZ		12/05/2022 23:09	10		RTX-624 0.32 (mm)
200-65967-1	SV-1	12/06/2022 00:01	1	200-53537-021.D	RTX-624 0.32 (mm)
200-65967-1 DL	SV-1 DL	12/06/2022 00:54	5	200-53537-022.D	RTX-624 0.32 (mm)
200-65967-2	SV-2	12/06/2022 01:46	1	200-53537-023.D	RTX-624 0.32 (mm)
200-65967-2 DL	SV-2 DL	12/06/2022 02:39	5	200-53537-024.D	RTX-624 0.32 (mm)
ZZZZZ		12/06/2022 03:31	10		RTX-624 0.32 (mm)
ZZZZZ		12/06/2022 04:24	10		RTX-624 0.32 (mm)
ZZZZZ		12/06/2022 05:16	10		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Instrument ID: CHW.i Start Date: 12/01/2022 13:02Analysis Batch Number: 186261 End Date: 12/02/2022 04:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-186261/1		12/01/2022 13:02	1	53510-001.d	RTX-624 0.32 (mm)
IC 200-186261/4		12/01/2022 15:47	1	53510-004.d	RTX-624 0.32 (mm)
IC 200-186261/5		12/01/2022 16:40	1	53510-005.d	RTX-624 0.32 (mm)
IC 200-186261/6		12/01/2022 17:32	1	53510-006.d	RTX-624 0.32 (mm)
IC 200-186261/7		12/01/2022 18:25	1	53510-007.d	RTX-624 0.32 (mm)
ICIS 200-186261/8		12/01/2022 19:17	1	53510-008.d	RTX-624 0.32 (mm)
IC 200-186261/9		12/01/2022 20:09	1	53510-009.d	RTX-624 0.32 (mm)
IC 200-186261/12		12/01/2022 22:47	1	53510-012.d	RTX-624 0.32 (mm)
IC 200-186261/13		12/01/2022 23:39	1	53510-013.d	RTX-624 0.32 (mm)
ICV 200-186261/16		12/02/2022 02:17	1	53510-016.d	RTX-624 0.32 (mm)
ZZZZZ		12/02/2022 04:54	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins BurlingtonJob No.: 200-65967-1

SDG No.: _____

Instrument ID: CHW.iStart Date: 12/06/2022 07:23Analysis Batch Number: 186397End Date: 12/07/2022 05:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-186397/1		12/06/2022 07:23	1	53566-001.d	RTX-624 0.32 (mm)
CCVIS 200-186397/3		12/06/2022 09:07	1	53566-003.d	RTX-624 0.32 (mm)
LCS 200-186397/4		12/06/2022 09:58	1	53566-004.d	RTX-624 0.32 (mm)
MB 200-186397/5		12/06/2022 10:50	1	53566-005.d	RTX-624 0.32 (mm)
ZZZZZ		12/06/2022 11:55	0.2		RTX-624 0.32 (mm)
ZZZZZ		12/06/2022 13:01	0.2		RTX-624 0.32 (mm)
ZZZZZ		12/06/2022 13:52	1		RTX-624 0.32 (mm)
ZZZZZ		12/06/2022 14:44	1		RTX-624 0.32 (mm)
ZZZZZ		12/06/2022 15:36	1		RTX-624 0.32 (mm)
ZZZZZ		12/06/2022 16:28	1		RTX-624 0.32 (mm)
ZZZZZ		12/06/2022 17:20	10		RTX-624 0.32 (mm)
ZZZZZ		12/06/2022 18:12	10		RTX-624 0.32 (mm)
ZZZZZ		12/06/2022 19:03	10		RTX-624 0.32 (mm)
ZZZZZ		12/06/2022 19:55	10		RTX-624 0.32 (mm)
ZZZZZ		12/06/2022 20:47	1		RTX-624 0.32 (mm)
ZZZZZ		12/06/2022 21:39	1		RTX-624 0.32 (mm)
200-65967-3	SV-3	12/06/2022 22:30	1	53566-018.d	RTX-624 0.32 (mm)
200-65967-3 DL	SV-3 DL	12/06/2022 23:22	4	53566-019.d	RTX-624 0.32 (mm)
ZZZZZ		12/07/2022 00:14	10		RTX-624 0.32 (mm)
ZZZZZ		12/07/2022 01:06	10		RTX-624 0.32 (mm)
ZZZZZ		12/07/2022 01:58	10		RTX-624 0.32 (mm)
ZZZZZ		12/07/2022 02:49	10		RTX-624 0.32 (mm)
ZZZZZ		12/07/2022 03:41	10		RTX-624 0.32 (mm)
ZZZZZ		12/07/2022 04:33	10		RTX-624 0.32 (mm)
ZZZZZ		12/07/2022 05:25	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Batch Number: 186003 Batch Start Date: 11/21/22 14:10 Batch Analyst: Bourdeau, Timothy PBatch Method: TO-15 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ATTO15CAL1w 00248	ATTO15CAL2w 00325	ATTO15CAL3w 00256	ATTO15CAL4w 00794
BFB 200-186003/1		TO-15		200 mL	200 mL				
IC 200-186003/4		TO-15		200 mL	200 mL	35 mL			
IC 200-186003/5		TO-15		200 mL	200 mL	200 mL			
IC 200-186003/6		TO-15		200 mL	200 mL		200 mL		
IC 200-186003/7		TO-15		200 mL	200 mL			200 mL	
ICIS 200-186003/8		TO-15		200 mL	200 mL				200 mL
IC 200-186003/9		TO-15		200 mL	200 mL				
IC 200-186003/12		TO-15		200 mL	200 mL				
IC 200-186003/13		TO-15		200 mL	200 mL				
ICV 200-186003/17		TO-15		200 mL	200 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	ATTO15CAL5w 00125	ATTO15CAL6w 00212	ATTO15GIS 00019	ATTO15LCSW 00848		
BFB 200-186003/1		TO-15				20 mL			
IC 200-186003/4		TO-15				20 mL			
IC 200-186003/5		TO-15				20 mL			
IC 200-186003/6		TO-15				20 mL			
IC 200-186003/7		TO-15				20 mL			
ICIS 200-186003/8		TO-15				20 mL			
IC 200-186003/9		TO-15		200 mL		20 mL			
IC 200-186003/12		TO-15			200 mL	20 mL			
IC 200-186003/13		TO-15			400 mL	20 mL			
ICV 200-186003/17		TO-15				20 mL	200 mL		

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

TO-15

Page 1 of 2

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Batch Number: 186003 Batch Start Date: 11/21/22 14:10 Batch Analyst: Bourdeau, Timothy PBatch Method: TO-15 Batch End Date: _____

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

TO-15

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Batch Number: 186261 Batch Start Date: 12/01/22 13:02 Batch Analyst: Bourdeau, Timothy PBatch Method: TO-15 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ATTO15CAL1w 00249	ATTO15CAL2w 00326	ATTO15CAL3w 00257	ATTO15CAL4w 00796
BFB 200-186261/1		TO-15		200 mL	200 mL				
IC 200-186261/4		TO-15		200 mL	200 mL	35 mL			
IC 200-186261/5		TO-15		200 mL	200 mL	200 mL			
IC 200-186261/6		TO-15		200 mL	200 mL		200 mL		
IC 200-186261/7		TO-15		200 mL	200 mL			200 mL	
ICIS 200-186261/8		TO-15		200 mL	200 mL				200 mL
IC 200-186261/9		TO-15		200 mL	200 mL				
IC 200-186261/12		TO-15		200 mL	200 mL				
IC 200-186261/13		TO-15		200 mL	200 mL				
ICV 200-186261/16		TO-15		200 mL	200 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	ATTO15CAL5w 00126	ATTO15CAL6w 00213	ATTO15CAL7w 00126	ATTO15LCSW 00849	ATTO15WISS 00010	
BFB 200-186261/1		TO-15						20 mL	
IC 200-186261/4		TO-15						20 mL	
IC 200-186261/5		TO-15						20 mL	
IC 200-186261/6		TO-15						20 mL	
IC 200-186261/7		TO-15						20 mL	
ICIS 200-186261/8		TO-15						20 mL	
IC 200-186261/9		TO-15		200 mL				20 mL	
IC 200-186261/12		TO-15			200 mL			20 mL	
IC 200-186261/13		TO-15				200 mL		20 mL	
ICV 200-186261/16		TO-15					200 mL	20 mL	

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

TO-15

Page 1 of 2

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 200-65967-1

SDG No.: _____

Batch Number: 186261 Batch Start Date: 12/01/22 13:02 Batch Analyst: Bourdeau, Timothy PBatch Method: TO-15 Batch End Date: _____

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.: 200-65967-1

SDG No.: _____

Batch Number: 186329 Batch Start Date: 12/05/22 06:35 Batch Analyst: Bourdeau, Timothy PBatch Method: TO-15 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ATTO15CAL4w 00796	ATTO15GIS 00019	ATTO15LCSW 00850	
BFB 200-186329/1		TO-15		200 mL	200 mL		20 mL		
CCVIS 200-186329/4		TO-15		200 mL	200 mL	200 mL	20 mL		
MB 200-186329/5		TO-15		200 mL	200 mL		20 mL		
LCS 200-186329/6		TO-15		200 mL	200 mL		20 mL	200 mL	
200-65967-A-1	SV-1	TO-15	T	200 mL	200 mL		20 mL		
200-65967-A-1	SV-1	TO-15	T	40 mL	200 mL		20 mL		
200-65967-A-2	SV-2	TO-15	T	200 mL	200 mL		20 mL		
200-65967-A-2	SV-2	TO-15	T	40 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.: 200-65967-1

SDG No.: _____

Batch Number: 186397 Batch Start Date: 12/06/22 07:23 Batch Analyst: Puangmalee, Kesanee 1Batch Method: TO-15 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ATTO15CAL4w 00796	ATTO15LCSW 00850	ATTO15WISS 00010	
BFB 200-186397/1		TO-15		200 mL	200 mL			20 mL	
CCVIS 200-186397/3		TO-15		200 mL	200 mL	200 mL		20 mL	
LCS 200-186397/4		TO-15		200 mL	200 mL		200 mL	20 mL	
MB 200-186397/5		TO-15		200 mL	200 mL			20 mL	
200-65967-A-3	SV-3	TO-15	T	200 mL	200 mL			20 mL	
200-65967-A-3	SV-3	TO-15	T	50 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.

[illegible]

⁴ Record the Flow Controller Set Flow Rate Logbook ID and Page number in which the original FC Check was recorded

Canister Cleaning & Pre-Shipment Leak Test

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

Clean Canister Certification Analysis & Authorization of

Inventory Level

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 nbnv)

2. **Inventory Error:** miscalculation of inventory (1013 0.2 ppbv).

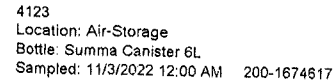
Inventory Level Limited: Callisters may only be

PM

23
1

Form ID: FAI023:12

Revision Date: 12/18/2018



Air-Storage

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

Lab Name: Eurofins Burlington Job No.: 200-65610-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 53193-003.d
 Lab ID: LCS 200-185431/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Ethylbenzene	10.0	10.1	101	74-122	
Styrene	10.0	11.2	112	74-125	
1,3-Dichloropropene, cis-	10.0	10.4	104	74-125	
1,3-Dichloropropene, trans-	10.0	10.4	104	74-128	
1,4-Dichlorobenzene	10.0	11.4	114	67-132	
1,2-Dibromoethane	10.0	9.84	98	78-122	
1,3-Butadiene	10.0	11.9	119	58-139	
Allyl chloride	10.0	8.16	82	50-150	
1,2-Dichloroethane	10.0	10.0	100	68-135	
Methyl isobutyl ketone (MIBK)	10.0	10.3	103	58-144	
1,3,5-Trimethylbenzene	10.0	10.7	107	72-126	
Toluene	10.0	9.94	99	75-122	
Chlorobenzene	10.0	9.71	97	76-119	
Tetrahydrofuran	10.0	8.49	85	60-149	
Hexane	10.0	9.37	94	63-138	
Cyclohexane	10.0	9.09	91	76-124	
1,2,4-Trichlorobenzene	10.0	9.50	95	50-150	
1,4-Dioxane	10.0	9.99	100	66-129	
Dibromochloromethane	10.0	10.1	101	73-125	
Tetrachloroethene	10.0	8.99	90	70-125	
n-Heptane	10.0	9.19	92	60-142	
1,2-Dichloroethene, cis-	10.0	9.10	91	72-121	
1,2-Dichloroethene, trans-	10.0	9.18	92	69-137	
Methyl tert-butyl ether	10.0	10.3	103	70-127	
m,p-Xylene	20.0	20.9	105	76-121	
2,2,4-Trimethylpentane	10.0	9.22	92	68-131	
1,3-Dichlorobenzene	10.0	11.2	112	69-131	
Carbon tetrachloride	10.0	9.70	97	71-133	
Vinyl bromide	10.0	8.35	83	75-125	
4-Ethyltoluene	10.0	11.0	110	75-129	
Ethanol	14.7	14.1	96	50-150	
Isopropanol	10.0	9.26	93	53-142	
Acetone	10.0	10.2	102	54-154	
Chloroform	10.0	9.87	99	73-124	
Benzene	10.0	9.48	95	73-119	
1,1,1-Trichloroethane	10.0	9.82	98	72-127	
Bromomethane	10.0	7.85	79	72-124	
Chloromethane	10.0	8.88	89	56-141	
Chloroethane	10.0	7.24	72	68-130	
Vinyl chloride	10.0	12.0	120	61-135	
Methylene Chloride	10.0	8.99	90	59-137	
Carbon disulfide	10.0	8.96	90	71-138	

Column to be used to flag recovery and RPD values

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

Lab Name: Eurofins Burlington Job No.: 200-65610-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 53193-003.d
 Lab ID: LCS 200-185431/3 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromoform	10.0	10.2	102	53-149	
Bromodichloromethane	10.0	10.1	101	75-127	
1,1-Dichloroethane	10.0	8.87	89	66-130	
1,1-Dichloroethene	10.0	8.45	85	68-120	
tert-Butyl alcohol	10.0	9.86	99	66-132	
Trichlorofluoromethane	10.0	9.70	97	70-129	
Dichlorodifluoromethane	10.0	10.9	109	61-142	
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.31	93	70-121	
1,2-Dichlorotetrafluoroethane	10.0	9.90	99	71-141	
1,2-Dichloropropane	10.0	8.98	90	69-128	
Methyl ethyl ketone (MEK)	10.0	11.2	112	72-124	
1,1,2-Trichloroethane	10.0	9.48	95	75-126	
Trichloroethene	10.0	9.20	92	73-122	
1,1,2,2-Tetrachloroethane	10.0	9.40	94	74-126	
Methyl methacrylate	10.0	9.64	96	73-129	
Hexachlorobutadiene	10.0	9.33	93	58-130	
Naphthalene	10.0	9.94	99	50-150	
Xylene, o-	10.0	10.1	101	73-123	
2-Chlorotoluene	10.0	10.6	106	74-126	
1,2-Dichlorobenzene	10.0	10.6	106	68-129	
1,2,4-Trimethylbenzene	10.0	10.4	104	71-129	
2-Hexanone	10.0	10.1	101	57-143	

Column to be used to flag recovery and RPD values

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

Lab Name: Eurofins Burlington Job No.: 200-65667-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 53252-007.D
 Lab ID: LCS 200-185599/7 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	12.5	126	50-158	
Dichlorodifluoromethane	10.0	10.4	104	61-142	
Freon 22	10.0	11.4	114	60-147	
1,2-Dichlorotetrafluoroethane	10.0	9.87	99	71-141	
Chloromethane	10.0	11.4	114	56-141	
n-Butane	10.0	12.5	125	53-151	
Vinyl chloride	10.0	10.2	102	61-135	
1,3-Butadiene	10.0	11.0	110	58-139	
Bromomethane	10.0	9.90	99	72-124	
Chloroethane	10.0	10.3	103	68-130	
Bromoethene (Vinyl Bromide)	10.0	9.22	92	75-125	
Trichlorofluoromethane	10.0	9.82	98	70-129	
Ethanol	14.7	22.2	151	50-150	*+
Freon TF	10.0	9.51	95	70-121	
1,1-Dichloroethene	10.0	9.12	91	68-120	
Acetone	10.0	13.5	135	54-154	
Isopropyl alcohol	10.0	12.7	127	53-142	
Carbon disulfide	10.0	10.4	104	71-138	
3-Chloropropene	10.0	11.3	113	50-150	
Methylene Chloride	10.0	11.8	118	59-137	
tert-Butyl alcohol	10.0	11.5	115	66-132	
Methyl tert-butyl ether	10.0	10.3	103	70-127	
trans-1,2-Dichloroethene	10.0	10.5	105	69-137	
n-Hexane	10.0	10.9	109	63-138	
1,1-Dichloroethane	10.0	10.3	103	66-130	
Vinyl acetate	10.0	12.7	127	59-149	
Ethyl acetate	10.0	9.99	100	70-131	
Methyl Ethyl Ketone	10.0	10.9	109	72-124	
cis-1,2-Dichloroethene	10.0	9.06	91	72-121	
Chloroform	10.0	9.76	98	73-124	
Tetrahydrofuran	10.0	12.5	125	60-149	
1,1,1-Trichloroethane	10.0	9.55	95	72-127	
Cyclohexane	10.0	9.33	93	76-124	
Carbon tetrachloride	10.0	9.49	95	71-133	
2,2,4-Trimethylpentane	10.0	10.3	103	68-131	
Benzene	10.0	9.41	94	73-119	
1,2-Dichloroethane	10.0	10.4	105	68-135	
n-Heptane	10.0	11.2	112	60-142	
Trichloroethene	10.0	8.62	86	73-122	
Methyl methacrylate	10.0	9.93	99	73-129	
1,2-Dichloropropane	10.0	9.73	97	69-128	
1,4-Dioxane	10.0	9.46	95	66-129	

Column to be used to flag recovery and RPD values

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

Lab Name: Eurofins Burlington Job No.: 200-65667-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: 53252-007.D
 Lab ID: LCS 200-185599/7 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	9.34	93	75-127	
cis-1,3-Dichloropropene	10.0	9.42	94	74-125	
methyl isobutyl ketone	10.0	11.8	118	58-144	
Toluene	10.0	9.21	92	75-122	
trans-1,3-Dichloropropene	10.0	9.67	97	74-128	
1,1,2-Trichloroethane	10.0	9.40	94	75-126	
Tetrachloroethene	10.0	7.96	80	70-125	
Methyl Butyl Ketone (2-Hexanone)	10.0	12.3	123	57-143	
Dibromochloromethane	10.0	8.92	89	73-125	
1,2-Dibromoethane	10.0	9.01	90	78-122	
Chlorobenzene	10.0	8.80	88	76-119	
Ethylbenzene	10.0	9.25	93	74-122	
m,p-Xylene	20.0	18.3	91	76-121	
Xylene, o-	10.0	9.07	91	73-123	
Styrene	10.0	9.35	93	74-125	
Bromoform	10.0	8.85	89	53-149	
Cumene	10.0	9.03	90	73-123	
1,1,2,2-Tetrachloroethane	10.0	9.53	95	74-126	
n-Propylbenzene	10.0	9.35	94	73-127	
4-Ethyltoluene	10.0	9.09	91	75-129	
1,3,5-Trimethylbenzene	10.0	9.01	90	72-126	
2-Chlorotoluene	10.0	9.27	93	74-126	
tert-Butylbenzene	10.0	8.79	88	71-125	
1,2,4-Trimethylbenzene	10.0	9.02	90	71-129	
sec-Butylbenzene	10.0	9.12	91	70-128	
4-Isopropyltoluene	10.0	9.00	90	68-130	
1,3-Dichlorobenzene	10.0	8.62	86	69-131	
1,4-Dichlorobenzene	10.0	8.41	84	67-132	
Benzyl chloride	10.0	9.72	97	60-136	
n-Butylbenzene	10.0	9.52	95	65-137	
1,2-Dichlorobenzene	10.0	8.46	85	68-129	
1,2,4-Trichlorobenzene	10.0	8.49	85	50-150	
Hexachlorobutadiene	10.0	7.86	79	58-130	
Naphthalene	10.0	9.12	91	50-150	

Column to be used to flag recovery and RPD values

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-65610-1
SDG No.: _____
Lab File ID: 53193-004.d Lab Sample ID: MB 200-185431/4
Matrix: Air Heated Purge: (Y/N) N
Instrument ID: CHW.i Date Analyzed: 11/04/2022 09:54
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 200-185431/3	53193-003.d	11/04/2022 09:02
4123	200-65610-7	53193-005.d	11/04/2022 11:00

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

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-65610-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 200-185431/4</u>
Matrix: <u>Air</u>	Lab File ID: <u>53193-004.d</u>
Analysis Method: <u>TO-15</u>	Date Collected: _____
Sample wt/vol: <u>200 (mL)</u>	Date Analyzed: <u>11/04/2022 09:54</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>185431</u>	Units: <u>ppb v/v</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.20	U	0.20	0.052
100-42-5	Styrene	0.20	U	0.20	0.059
10061-01-5	1,3-Dichloropropene, cis-	0.20	U	0.20	0.045
10061-02-6	1,3-Dichloropropene, trans-	0.20	U	0.20	0.054
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.089
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.042
106-99-0	1,3-Butadiene	0.20	U	0.20	0.039
107-05-1	Allyl chloride	0.50	U	0.50	0.12
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.093
108-10-1	Methyl isobutyl ketone (MIBK)	0.50	U	0.50	0.13
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.047
108-88-3	Toluene	0.20	U	0.20	0.042
108-90-7	Chlorobenzene	0.20	U	0.20	0.044
109-99-9	Tetrahydrofuran	5.0	U	5.0	1.3
110-54-3	Hexane	0.50	U	0.50	0.11
110-82-7	Cyclohexane	0.20	U	0.20	0.058
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.33
123-91-1	1,4-Dioxane	0.20	U	0.20	0.078
124-48-1	Dibromochloromethane	0.20	U	0.20	0.063
127-18-4	Tetrachloroethene	0.20	U	0.20	0.021
142-82-5	n-Heptane	0.20	U	0.20	0.055
156-59-2	1,2-Dichloroethene, cis-	0.20	U	0.20	0.021
156-60-5	1,2-Dichloroethene, trans-	0.20	U	0.20	0.023
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.036
179601-23-1	m,p-Xylene	0.50	U	0.50	0.095
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.038
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.074
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.022
593-60-2	Vinyl bromide	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.049
64-17-5	Ethanol	5.0	U	5.0	2.6
67-63-0	Isopropanol	5.0	U	5.0	1.6
67-64-1	Acetone	5.0	U	5.0	1.6
67-66-3	Chloroform	0.20	U	0.20	0.041

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

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-65610-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 200-185431/4</u>
Matrix: <u>Air</u>	Lab File ID: <u>53193-004.d</u>
Analysis Method: <u>TO-15</u>	Date Collected: _____
Sample wt/vol: <u>200 (mL)</u>	Date Analyzed: <u>11/04/2022 09:54</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>185431</u>	Units: <u>ppb v/v</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.20	U	0.20	0.044
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.044
74-83-9	Bromomethane	0.20	U	0.20	0.071
74-87-3	Chloromethane	0.50	U	0.50	0.15
75-00-3	Chloroethane	0.50	U	0.50	0.18
75-01-4	Vinyl chloride	0.20	U	0.20	0.021
75-09-2	Methylene Chloride	0.50	U	0.50	0.18
75-15-0	Carbon disulfide	0.50	U	0.50	0.13
75-25-2	Bromoform	0.20	U	0.20	0.12
75-27-4	Bromodichloromethane	0.20	U	0.20	0.050
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.025
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.026
75-65-0	tert-Butyl alcohol	5.0	U	5.0	1.2
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.050
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.11
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.20	U	0.20	0.053
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.094
78-93-3	Methyl ethyl ketone (MEK)	0.50	U	0.50	0.49
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.074
79-01-6	Trichloroethene	0.20	U	0.20	0.025
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043
80-62-6	Methyl methacrylate	0.50	U	0.50	0.14
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.11
91-20-3	Naphthalene	0.50	U	0.50	0.30
95-47-6	Xylene, o-	0.20	U	0.20	0.052
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.046
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	0.080
591-78-6	2-Hexanone	0.50	U	0.50	0.15

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221104-53193.b\53193-004.d
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 04-Nov-2022 09:54:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053193-004
 Operator ID: vtp Instrument ID: CHW.i
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221104-53193.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 07-Nov-2022 07:27:26 Calib Date: 20-Oct-2022 08:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221019-52933.b\52933-021.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1604

First Level Reviewer: puangmaleek

Date: 07-Nov-2022 07:27:26

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		4.067					ND	7
2 Dichlorodifluoromethane	85		4.158					ND	
3 Chlorodifluoromethane	51		4.201					ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.511					ND	
5 Chloromethane	50		4.618					ND	7
6 Vinyl chloride	62		4.923					ND	
7 Butane	43		4.929					ND	7
8 Butadiene	54		5.036					ND	
9 Bromomethane	94		5.736					ND	
10 Chloroethane	64		6.004					ND	
12 2-Methylbutane	43		6.218					ND	7
13 Vinyl bromide	106		6.416					ND	
14 Trichlorofluoromethane	101		6.582					ND	
15 Pentane	43		6.785					ND	7
16 Ethanol	45		6.951					ND	
18 Ethyl ether	59		7.202					ND	
19 Acrolein	56		7.438					ND	
20 1,1-Dichloroethene	96		7.630					ND	
21 1,1,2-Trichloro-1,2,2-trifluoro	101		7.678					ND	
22 Acetone	43		7.710					ND	
23 Isopropyl alcohol	45		8.010					ND	
24 Carbon disulfide	76		8.037					ND	7
25 Acetonitrile	41		8.208					ND	
26 3-Chloro-1-propene	41		8.326					ND	7
27 Methylene Chloride	49		8.556					ND	7
28 2-Methyl-2-propanol	59		8.780					ND	
29 Acrylonitrile	53		8.952					ND	
30 trans-1,2-Dichloroethene	61		9.053					ND	
31 Methyl tert-butyl ether	73		9.069					ND	7
32 Hexane	57		9.561					ND	MU
33 1,1-Dichloroethane	63		9.808					ND	
34 Vinyl acetate	43		9.824					ND	

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		10.771					ND	
37 cis-1,2-Dichloroethene	96		10.792					ND	
38 Ethyl acetate	88		10.861					ND	
* 39 Chlorobromomethane	128	11.198	11.204	-0.006	73	165591	10.0	10.0	
40 Tetrahydrofuran	42		11.252					ND	
41 Chloroform	83		11.380					ND	
42 1,1,1-Trichloroethane	97		11.685					ND	
43 Cyclohexane	84		11.824					ND	
44 Carbon tetrachloride	117		11.963					ND	
45 Benzene	78		12.306					ND	7
46 1,2-Dichloroethane	62		12.381					ND	
47 Isooctane	57		12.525					ND	
48 n-Heptane	43		12.835					ND	MU
* 49 1,4-Difluorobenzene	114	13.044	13.044	0.000	95	878444	10.0	10.0	
50 n-Butanol	56		13.274					ND	MU
51 Trichloroethene	95		13.472					ND	
A 52 GRO	1	13.913	(6.208-21.619)		0	2411814		0	
53 1,2-Dichloropropane	63		13.927					ND	
54 Methyl methacrylate	69		14.023					ND	
55 1,4-Dioxane	88		14.066					ND	
57 Dibromomethane	174		14.082					ND	7
58 Dichlorobromomethane	83		14.392					ND	
59 cis-1,3-Dichloropropene	75		15.195					ND	7
A 60 TVOC as Toluene	1	15.246	(4.057-26.434)		0	2877183		0	
61 4-Methyl-2-pentanone (MIBK)	43		15.462					ND	7
62 Toluene	92		15.837					ND	7
A 63 Toluene Range	1		(15.767-15.906)					ND	
64 n-Octane	43		16.093					ND	7
A 65 C8 Range	1	16.099	(16.029-16.168)		0	3243		NC	
66 trans-1,3-Dichloropropene	75		16.249					ND	7
67 1,1,2-Trichloroethane	83		16.623					ND	
68 Tetrachloroethene	166		16.826					ND	7
69 2-Hexanone	43		17.040					ND	7
70 Chlorodibromomethane	129	17.367	17.361	0.006	1	756		0.0106	
71 Ethylene Dibromide	107	17.602	17.597	0.005	20	594		0.0128	
* 73 Chlorobenzene-d5	117	18.506	18.512	-0.006	92	676495	10.0	10.0	
74 Chlorobenzene	112	18.565	18.570	-0.005	35	1212		0.0159	
75 Ethylbenzene	91		18.763					ND	7
76 m-Xylene & p-Xylene	106		19.036					ND	7
77 n-Nonane	57		19.100					ND	
78 o-Xylene	106		19.801					ND	
79 Styrene	104	19.844	19.838	0.006	0	1414		0.0211	
S 80 Xylenes, Total	106		20.100					ND	7
81 Bromoform	173		20.191					ND	7
82 Isopropylbenzene	105		20.523					ND	7
83 1,1,2,2-Tetrachloroethane	83	21.069	21.058	0.011	1	1127		0.0195	
84 1,2,3-Trichloropropane	75		21.160					ND	7
85 N-Propylbenzene	91		21.267					ND	MU
86 2-Chlorotoluene	91	21.411	21.411	0.000	91	2551		0.0229	
87 4-Ethyltoluene	105	21.470	21.470	0.000	26	2052		0.0143	
88 1,3,5-Trimethylbenzene	105		21.566					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		21.609					ND	
90 Alpha Methyl Styrene	118	21.909	21.898	0.011	83	1299		0.0233	
91 tert-Butylbenzene	119		22.058					ND	7
92 1,2,4-Trimethylbenzene	105	22.149	22.144	0.005	1	1743		0.0128	
93 sec-Butylbenzene	105		22.390					ND	7
94 1,3-Dichlorobenzene	146	22.561	22.556	0.005	85	3114		0.0434	
95 4-Isopropyltoluene	119		22.609					ND	7
96 1,4-Dichlorobenzene	146	22.711	22.700	0.011	90	3547		0.0539	
97 Benzyl chloride	91	22.861	22.850	0.011	95	3639		0.0420	
98 n-Butylbenzene	91	23.166	23.160	0.006	92	2875		0.0215	
99 1,2-Dichlorobenzene	146	23.187	23.187	0.000	90	3629		0.0479	
100 Undecane	57		23.316					ND	7
101 Dodecane	57		24.867					ND	7
102 1,2,4-Trichlorobenzene	180	25.568	25.568	0.000	92	3073		0.0764	
103 Hexachlorobutadiene	225	25.803	25.809	-0.006	85	1929		0.0258	
104 Naphthalene	128	26.033	26.023	0.010	96	5800		0.0587	
105 1,2,3-Trichlorobenzene	180	26.440	26.424	0.016	18	2471		0.0609	
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-dichloroethane	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_00009

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221104-53193.b\53193-004.d

Injection Date: 04-Nov-2022 09:54:30

Instrument ID: CHW.i

Operator ID: vtp

Lims ID: MB

Worklist Smp#: 4

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

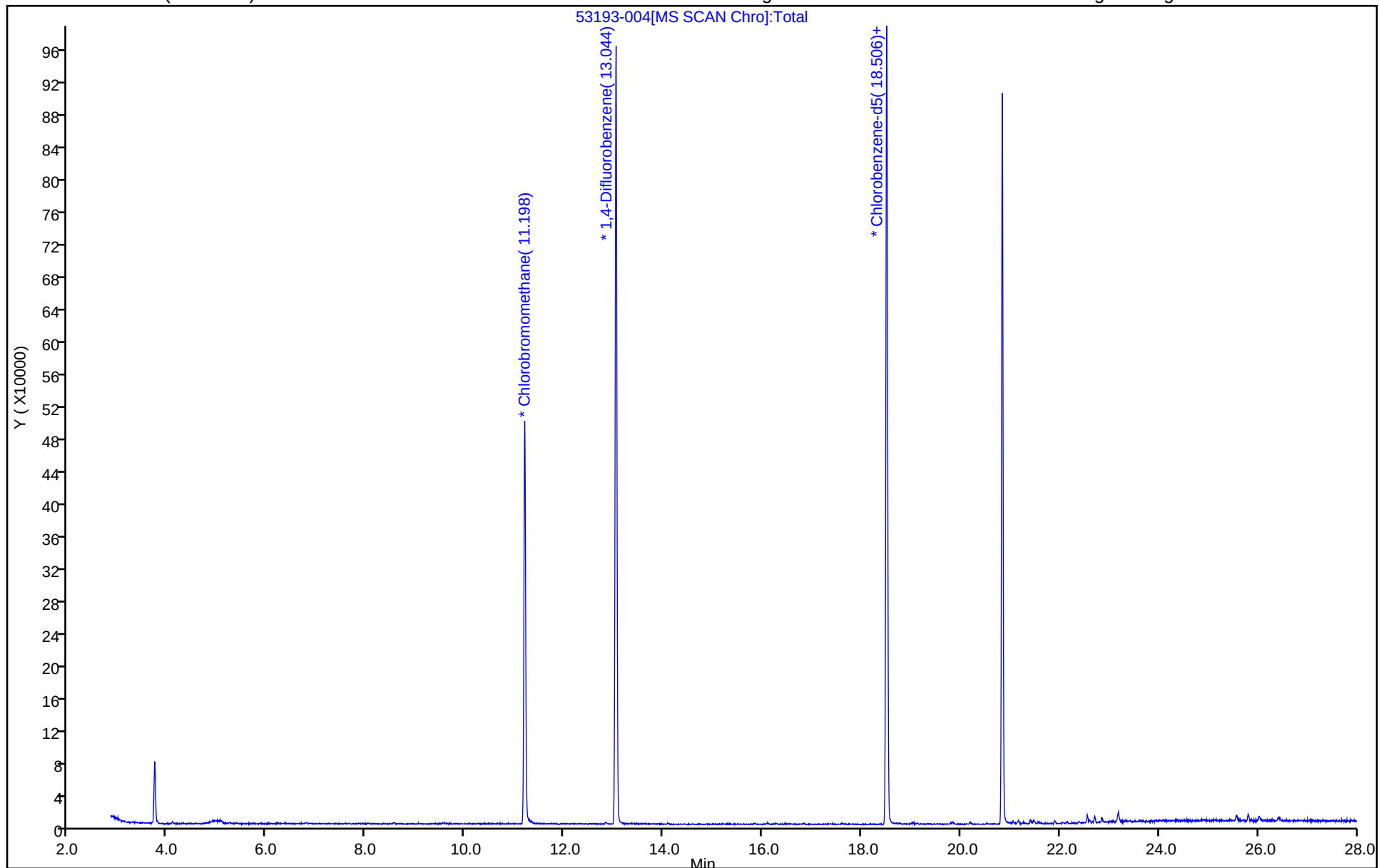
ALS Bottle#: 3

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

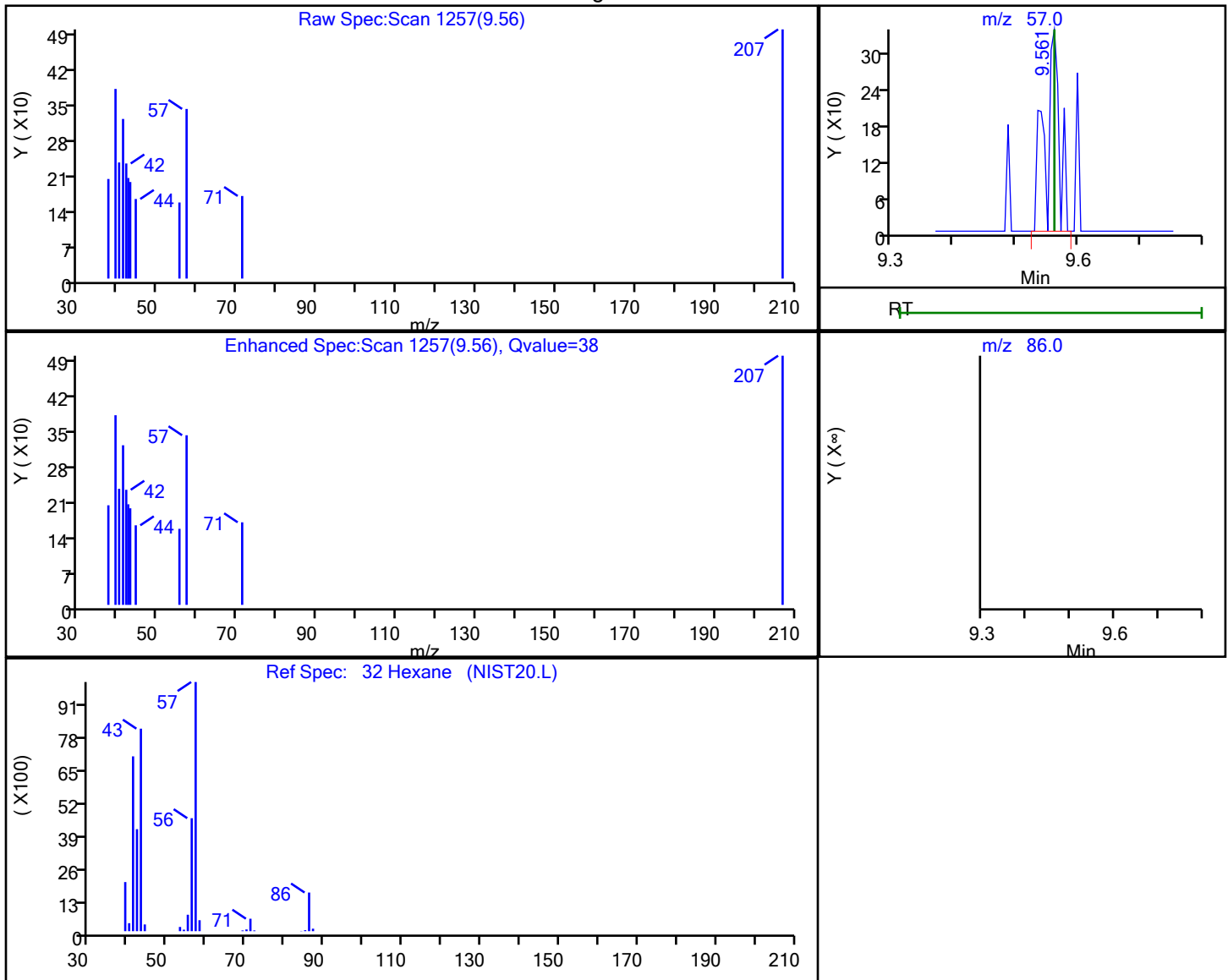


Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221104-53193.b\53193-004.d
Injection Date: 04-Nov-2022 09:54:30 Instrument ID: CHW.i
Lims ID: MB
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

32 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
9.56	57.00	533	0.017417
9.56	86.00	0	

Reviewer: puangmaleek, 07-Nov-2022 07:26:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

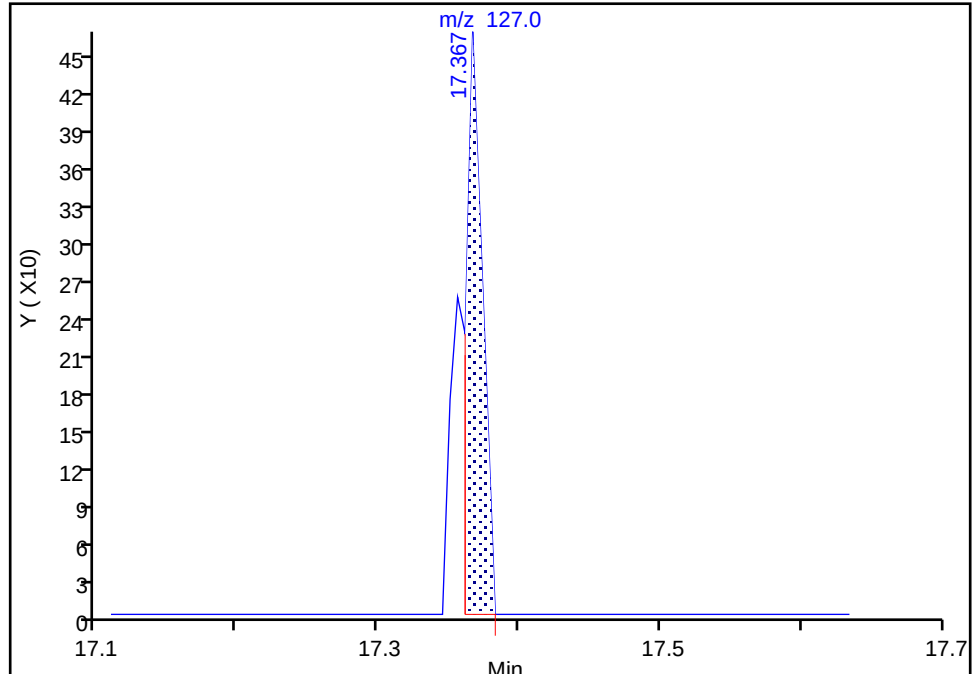
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Injection Date: 04-Nov-2022 09:54:30 Instrument ID: CHW.i
Lims ID: MB
Client ID:
Operator ID: vtp ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

70 Chlorodibromomethane, CAS: 124-48-1

Signal: 2

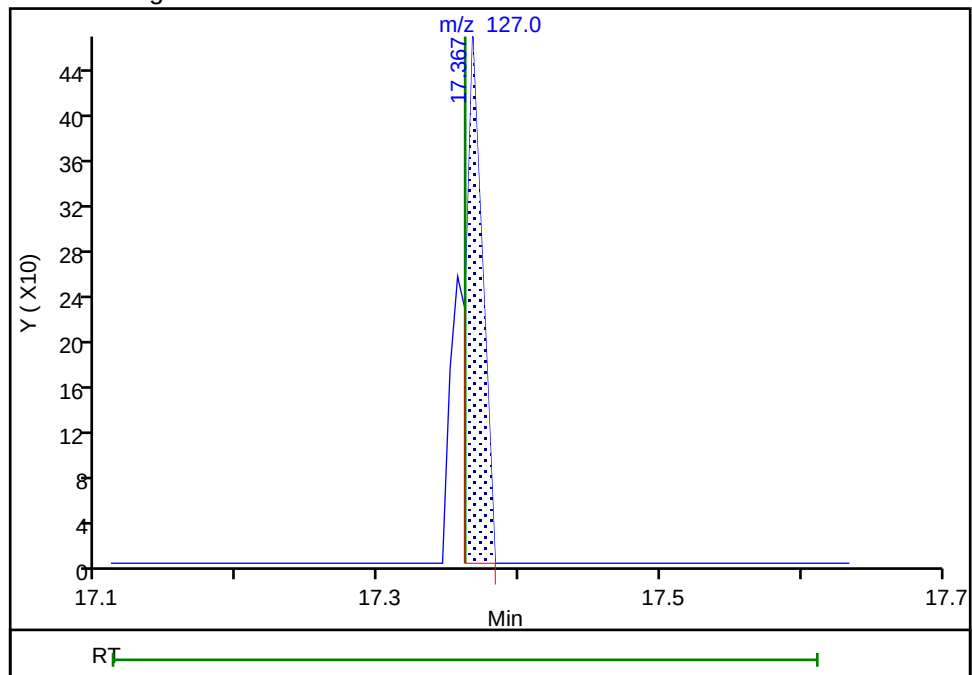
RT: 17.37
Area: 369
Amount: 0.010623
Amount Units: ppb v/v

Processing Integration Results



RT: 17.37
Area: 369
Amount: 0.010623
Amount Units: ppb v/v

Manual Integration Results



Reviewer: puangmaleek, 07-Nov-2022 07:26:34

Audit Action: Marked Compound Undetected

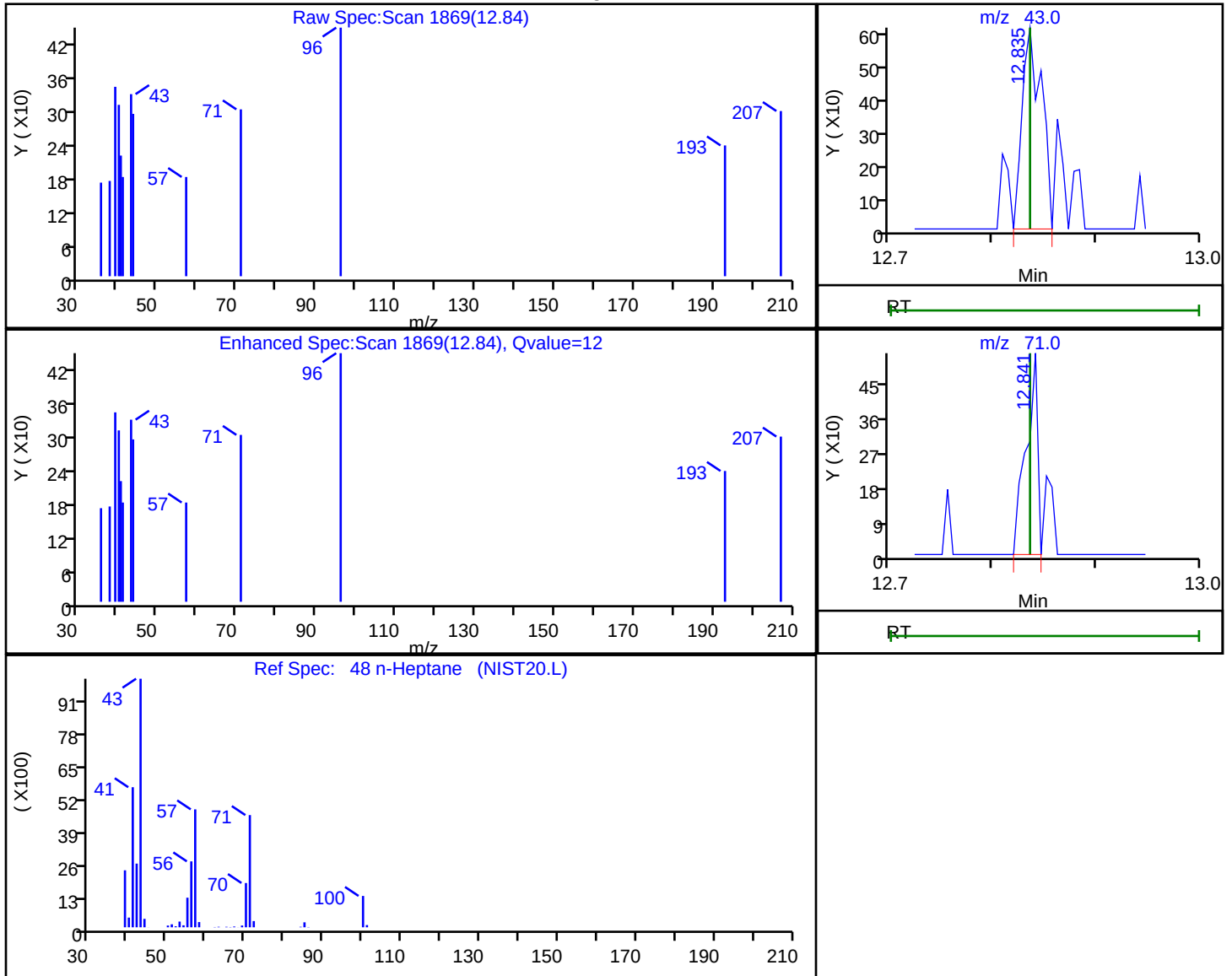
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221104-53193.b\53193-004.d
Injection Date: 04-Nov-2022 09:54:30 Instrument ID: CHW.i
Lims ID: MB
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

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

Processing Results



RT	Mass	Response	Amount
12.84	43.00	800	0.021055
12.84	71.00	409	

Reviewer: puangmaleek, 07-Nov-2022 07:26:26

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.: 200-65667-1
SDG No.: _____
Lab File ID: 53252-006.D Lab Sample ID: MB 200-185599/6
Matrix: Air Heated Purge: (Y/N) N
Instrument ID: CHC.i Date Analyzed: 11/09/2022 11:59
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 200-185599/7	53252-007.D	11/09/2022 12:53
2952	200-65667-10	53252-012.D	11/09/2022 17:30

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

Lab Name: Eurofins Burlington Job No.: 200-65667-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-185599/6

Matrix: Air Lab File ID: 53252-006.D

Analysis Method: TO-15 Date Collected: _____

Sample wt/vol: 200 (mL) Date Analyzed: 11/09/2022 11:59

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.: 185599 Units: ppb v/v

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	0.20	U	0.20	0.20
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	0.20	U	0.20	0.20
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	0.20	U	0.20	0.20
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
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

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

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-65667-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 200-185599/6</u>
Matrix: <u>Air</u>	Lab File ID: <u>53252-006.D</u>
Analysis Method: <u>TO-15</u>	Date Collected: _____
Sample wt/vol: <u>200 (mL)</u>	Date Analyzed: <u>11/09/2022 11:59</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>185599</u>	Units: <u>ppb v/v</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
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	0.20	U	0.20	0.20
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
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

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

Lab Name: Eurofins Burlington Job No.: 200-65667-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-185599/6
 Matrix: Air Lab File ID: 53252-006.D
 Analysis Method: TO-15 Date Collected: _____
 Sample wt/vol: 200 (mL) Date Analyzed: 11/09/2022 11:59
 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.: 185599 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
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\CHC.i\20221109-53252.b\53252-006.D
 Lims ID: mb
 Client ID:
 Sample Type: MB
 Inject. Date: 09-Nov-2022 11:59:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 200.000 mL Dil. Factor: 1.0000
 Sample Info: 200-0053252-006
 Operator ID: vtp Instrument ID: CHC.i
 Method: \\chromfs\Burlington\ChromData\CHC.i\20221109-53252.b\TO15_MasterMethod_(v1)_CHC.i.m
 Limit Group: AI_TO15_ICAL
 Last Update: 10-Nov-2022 08:37:50 Calib Date: 04-Nov-2022 01:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20221103-53185.b\53185-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1631

First Level Reviewer: V0FK

Date: 10-Nov-2022 08:37:50

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		2.810					ND	7
2 Dichlorodifluoromethane	85		2.869					ND	7
3 Chlorodifluoromethane	51		2.906					ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.093					ND	7
5 Chloromethane	50		3.199					ND	7
6 Butane	43		3.381					ND	7
7 Vinyl chloride	62		3.408					ND	
8 Butadiene	54		3.477					ND	
9 Bromomethane	94		4.048					ND	
10 Chloroethane	64		4.261					ND	
11 2-Methylbutane	43		4.368					ND	7
13 Vinyl bromide	106		4.619					ND	
14 Trichlorofluoromethane	101		4.736					ND	
15 Pentane	43		4.886					ND	7
16 Ethanol	45		5.297					ND	7
17 Ethyl ether	59		5.388					ND	
18 Acrolein	56		5.660					ND	
19 1,1,2-Trichloro-1,2,2-trifluoro	101		5.767					ND	
20 1,1-Dichloroethene	96		5.772					ND	
21 Acetone	43		5.975					ND	7
22 Carbon disulfide	76		6.129					ND	7
23 Isopropyl alcohol	45		6.354					ND	7
24 3-Chloro-1-propene	41		6.503					ND	7
25 Acetonitrile	41		6.546					ND	
26 Methylene Chloride	49		6.775					ND	7
28 2-Methyl-2-propanol	59		7.122					ND	
29 trans-1,2-Dichloroethene	61		7.234					ND	7
30 Methyl tert-butyl ether	73		7.261					ND	
31 Acrylonitrile	53		7.298					ND	
32 Hexane	57		7.677					ND	
33 1,1-Dichloroethane	63		8.056					ND	
34 Vinyl acetate	43		8.163					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
35 cis-1,2-Dichloroethene	96		9.129					ND	
36 2-Butanone (MEK)	72		9.187					ND	
37 Ethyl acetate	88		9.284					ND	
* 38 Chlorobromomethane	128	9.561	9.561	0.000	94	228130	20.0	20.0	
39 Tetrahydrofuran	42		9.646					ND	
40 Chloroform	83		9.721					ND	
41 1,1,1-Trichloroethane	97		9.993					ND	
42 Cyclohexane	84		10.009					ND	
S 43 1,2-Dichloroethene, Total	61		10.200					ND	7
44 Carbon tetrachloride	117		10.260					ND	
45 Benzene	78		10.676					ND	7
46 Isooctane	57		10.746					ND	
47 1,2-Dichloroethane	62		10.821					ND	
48 n-Heptane	43		11.151					ND	
* 49 1,4-Difluorobenzene	114	11.520	11.520	0.000	98	1242363	20.0	20.0	
50 Trichloroethene	95		11.989					ND	
51 n-Butanol	56		12.032					ND	
53 1,2-Dichloropropane	63		12.475					ND	
A 54 GRO	1	12.552	(4.358-20.747)		0	3240345		0	
56 Dibromomethane	174	12.737	12.726	0.011	83	691		0.0177	
55 Methyl methacrylate	69		12.731					ND	
57 1,4-Dioxane	88		12.779					ND	
58 Dichlorobromomethane	83		13.051					ND	
59 cis-1,3-Dichloropropene	75		14.017					ND	7
A 60 TVOC as Toluene	1	14.242	(2.800-25.683)		0	3283646		0	
61 4-Methyl-2-pentanone (MIBK)	43		14.348					ND	
62 Toluene	92		14.636					ND	7
A 63 Toluene Range	1	14.636	(14.596-14.676)		0	3868		NC	
A 65 C8 Range	1	14.842	(14.823-14.861)		0	1554		NC	
64 n-Octane	43		14.823					ND	7
66 trans-1,3-Dichloropropene	75		15.223					ND	7
67 1,1,2-Trichloroethane	83		15.586					ND	
68 Tetrachloroethene	166		15.768					ND	
69 2-Hexanone	43		16.109					ND	
70 Chlorodibromomethane	129		16.355					ND	
71 Ethylene Dibromide	107		16.600					ND	7
* 72 Chlorobenzene-d5	117	17.545	17.545	0.000	95	1021660	20.0	20.0	
73 Chlorobenzene	112		17.604					ND	MU
74 Ethylbenzene	91		17.785					ND	7
75 n-Nonane	57		18.031					ND	
76 m-Xylene & p-Xylene	106		18.041					ND	7
77 o-Xylene	106		18.869					ND	
78 Styrene	104		18.917					ND	
80 Bromoform	173		19.322					ND	7
81 Isopropylbenzene	105		19.626					ND	7
S 82 Xylenes, Total	106		20.100					ND	7
83 1,1,2,2-Tetrachloroethane	83		20.326					ND	7
84 1,2,3-Trichloropropane	75		20.411					ND	
85 N-Propylbenzene	91		20.443					ND	7
86 2-Chlorotoluene	91		20.635					ND	7
87 4-Ethyltoluene	105		20.656					ND	7
88 n-Decane	57		20.737					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 1,3,5-Trimethylbenzene	105		20.779					ND	7
90 Alpha Methyl Styrene	118		21.174					ND	
91 tert-Butylbenzene	119		21.308					ND	7
92 1,2,4-Trimethylbenzene	105		21.409					ND	7
93 sec-Butylbenzene	105		21.660					ND	7
95 1,3-Dichlorobenzene	146		21.879					ND	MU
94 4-Isopropyltoluene	119		21.884					ND	7
96 1,4-Dichlorobenzene	146		22.023					ND	7
97 Benzyl chloride	91		22.215					ND	7
98 n-Butylbenzene	91		22.476					ND	7
100 1,2-Dichlorobenzene	146		22.556					ND	7
99 Undecane	57		22.567					ND	
101 Dodecane	57		24.045					ND	7
102 1,2,4-Trichlorobenzene	180	24.878	24.851	0.027	80	1567		0.0197	
103 Hexachlorobutadiene	225		25.059					ND	7
104 Naphthalene	128	25.284	25.246	0.038	96	4738		0.0278	
105 1,2,3-Trichlorobenzene	180	25.695	25.673	0.022	88	1567		0.0253	

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15CISs_00011

Amount Added: 40.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20221109-53252.b\53252-006.D

Injection Date: 09-Nov-2022 11:59:30

Instrument ID: CHC.i

Operator ID: vtp

Lims ID: mb

Worklist Smp#: 6

Client ID:

Purge Vol: 200.000 mL

Dil. Factor: 1.0000

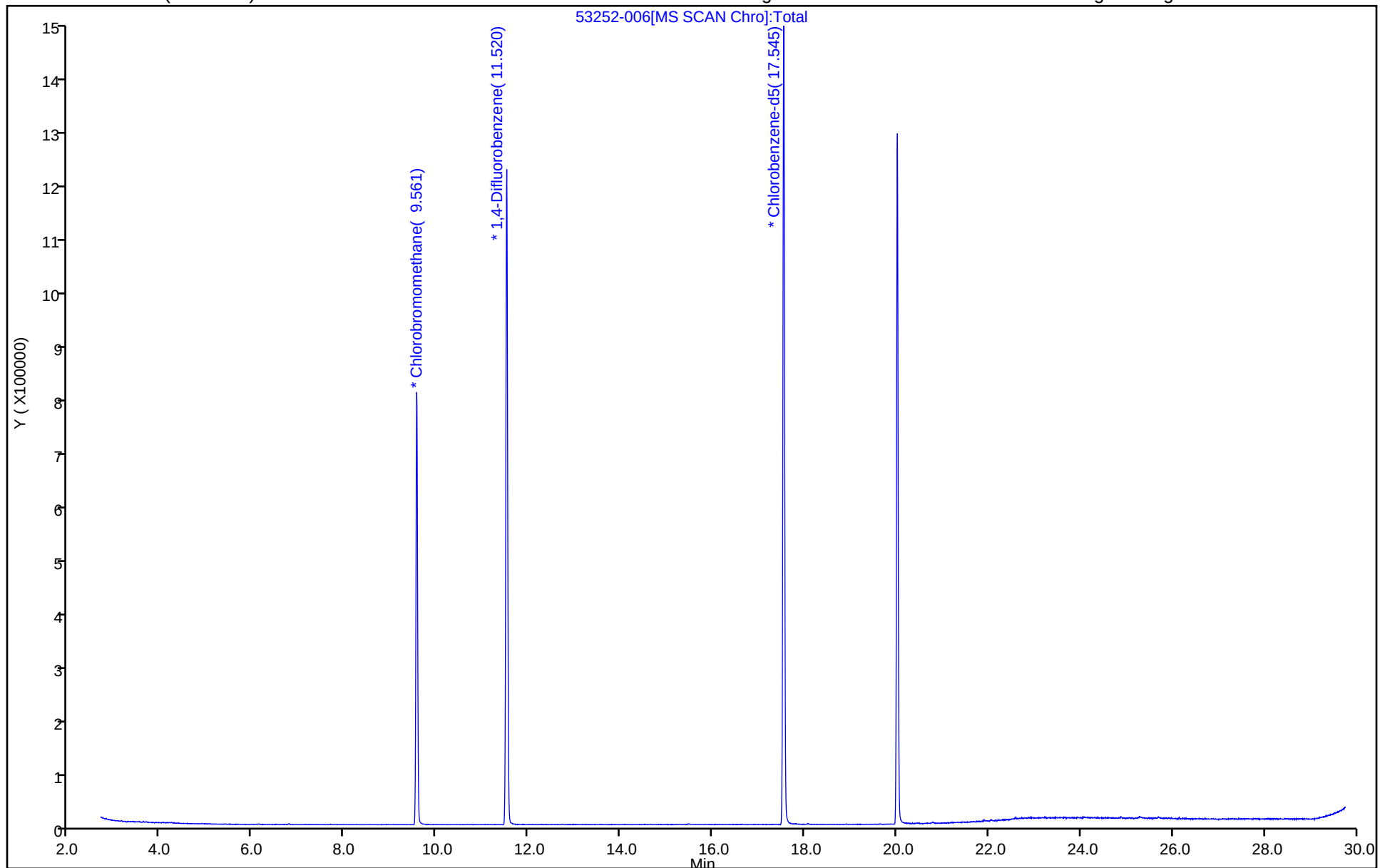
ALS Bottle#: 5

Method: TO15_MasterMethod_(v1)_CHC.i

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

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

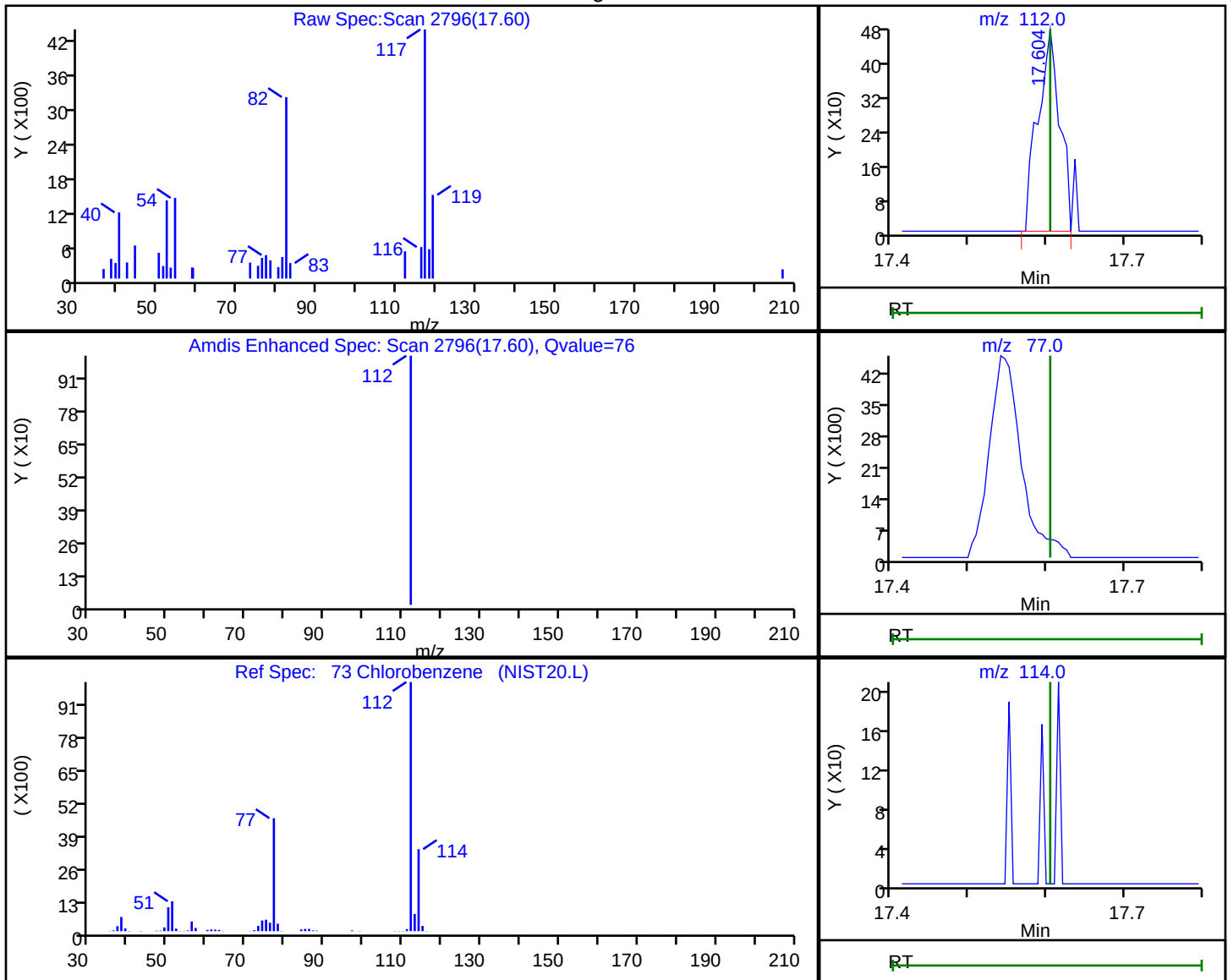


Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20221109-53252.b\53252-006.D
Injection Date: 09-Nov-2022 11:59:30 Instrument ID: CHC.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_MasterMethod_(v1)_CHC.i Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector MS SCAN

73 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
17.60	112.00	924	0.009432
17.60	77.00	0	
17.60	114.00	0	

Reviewer: V0FK, 10-Nov-2022 08:37:16

Audit Action: Marked Compound Undetected

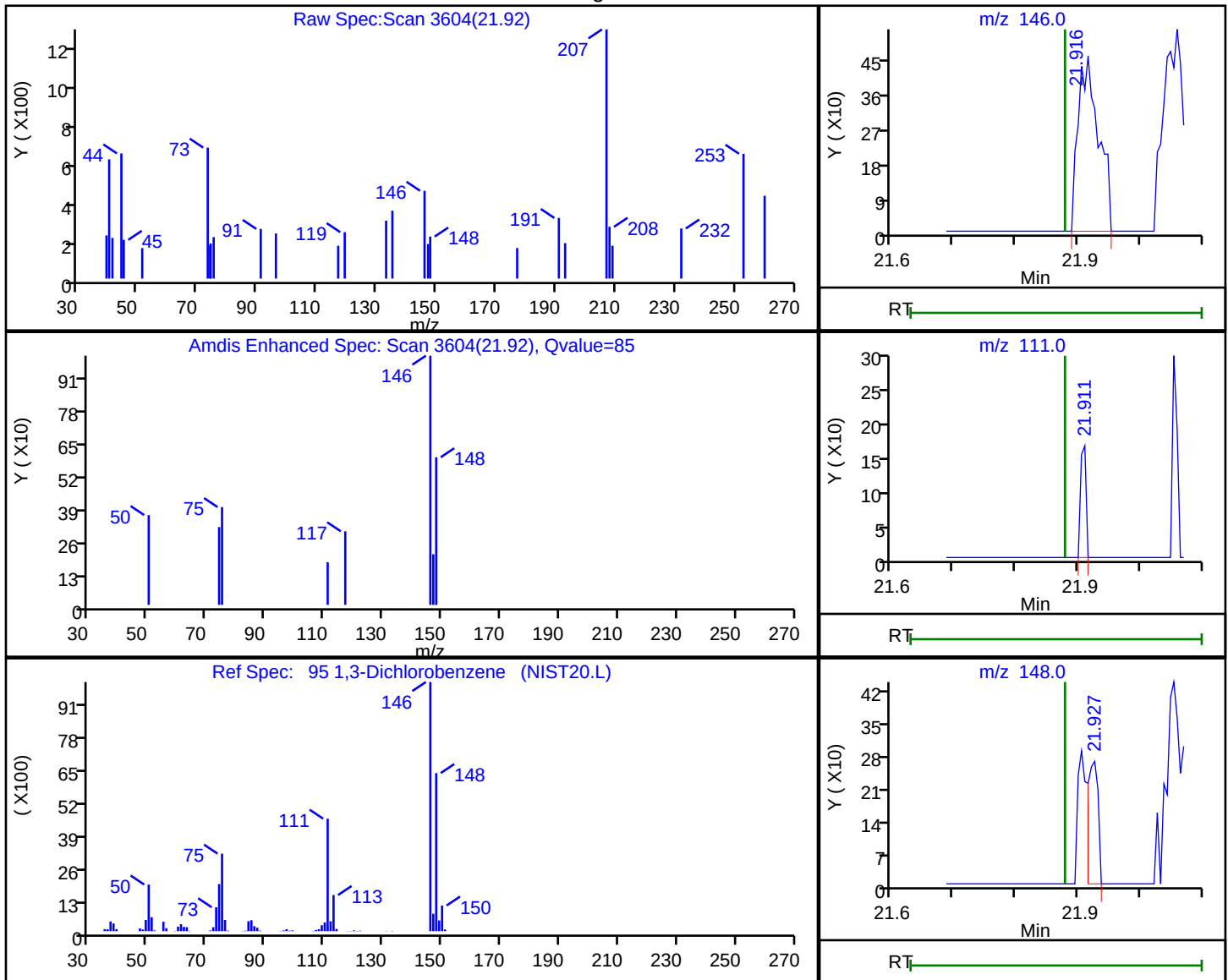
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20221109-53252.b\53252-006.D
Injection Date: 09-Nov-2022 11:59:30 Instrument ID: CHC.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_MasterMethod_(v1)_CHC.i Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

95 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
21.92	146.00	1048	0.010284
21.91	111.00	101	
21.93	148.00	303	

Reviewer: VOFK, 10-Nov-2022 08:37:31

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.: 200-65610-1
SDG No.: _____
Lab File ID: 52933-001.d BFB Injection Date: 10/19/2022
Instrument ID: CHW.i BFB Injection Time: 14:40
Analysis Batch No.: 184848

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	19.0
75	30.0 - 66.0% of mass 95	52.7
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	85.0
175	4.0 - 9.0 % of mass 174	6.2 (7.3) 1
176	93.0 - 101.0% of mass 174	81.7 (96.2) 1
177	5.0 - 9.0% of mass 176	5.5 (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 200-184848/4	52933-004.d	10/19/2022	17:30
	IC 200-184848/5	52933-005.d	10/19/2022	18:22
	IC 200-184848/6	52933-006.d	10/19/2022	19:14
	IC 200-184848/7	52933-007.d	10/19/2022	20:06
	IC 200-184848/9	52933-009.d	10/19/2022	21:51
	IC 200-184848/12	52933-012.d	10/20/2022	0:29
	ICIS 200-184848/16	52933-016.d	10/20/2022	3:57
	IC 200-184848/21	52933-021.d	10/20/2022	8:22
	ICV 200-184848/22	52933-022.D	10/20/2022	9:38

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

Lab Name: Eurofins Burlington Job No.: 200-65610-1
SDG No.: _____
Lab File ID: 53193-001.d BFB Injection Date: 11/04/2022
Instrument ID: CHW.i BFB Injection Time: 07:18
Analysis Batch No.: 185431

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	18.9
75	30.0 - 66.0% of mass 95	54.5
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	90.5
175	4.0 - 9.0 % of mass 174	7.0 (7.7) 1
176	93.0 - 101.0% of mass 174	86.8 (95.9) 1
177	5.0 - 9.0% of mass 176	5.7 (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 200-185431/2	53193-002.d	11/04/2022	8:10
	LCS 200-185431/3	53193-003.d	11/04/2022	9:02
	MB 200-185431/4	53193-004.d	11/04/2022	9:54
4123	200-65610-7	53193-005.d	11/04/2022	11:00

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

Lab Name: Eurofins Burlington Job No.: 200-65667-1
SDG No.: _____
Lab File ID: 53185-001.D BFB Injection Date: 11/03/2022
Instrument ID: CHC.i BFB Injection Time: 14:58
Analysis Batch No.: 185405

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	18.9
75	30.0 - 66.0% of mass 95	47.3
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120.0% of mass 95	82.8
175	4.0 - 9.0 % of mass 174	6.4 (7.8) 1
176	93.0 - 101.0% of mass 174	80.6 (97.4) 1
177	5.0 - 9.0% of mass 176	5.3 (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 200-185405/4	53185-004.D	11/03/2022	17:33
	IC 200-185405/5	53185-005.D	11/03/2022	18:27
	IC 200-185405/6	53185-006.D	11/03/2022	19:21
	IC 200-185405/7	53185-007.D	11/03/2022	20:15
	ICIS 200-185405/8	53185-008.D	11/03/2022	21:09
	IC 200-185405/9	53185-009.D	11/03/2022	22:03
	IC 200-185405/12	53185-012.D	11/04/2022	0:44
	IC 200-185405/13	53185-013.D	11/04/2022	1:38
	ICV 200-185405/16	53185-016.D	11/04/2022	4:20

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

Lab Name: Eurofins Burlington Job No.: 200-65667-1
SDG No.: _____
Lab File ID: 53252-001.D BFB Injection Date: 11/09/2022
Instrument ID: CHC.i BFB Injection Time: 07:36
Analysis Batch No.: 185599

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	29.5
75	30.0 - 66.0% of mass 95	56.6
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	78.7
175	4.0 - 9.0 % of mass 174	6.9 (8.8) 1
176	93.0 - 101.0% of mass 174	77.1 (98.0) 1
177	5.0 - 9.0% of mass 176	5.1 (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 200-185599/5	53252-005.D	11/09/2022	11:05
	MB 200-185599/6	53252-006.D	11/09/2022	11:59
	LCS 200-185599/7	53252-007.D	11/09/2022	12:53
2952	200-65667-10	53252-012.D	11/09/2022	17:30

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

Lab Name: Eurofins Burlington Job No.: 200-65610-1
 SDG No.: _____
 Sample No.: ICIS 200-184848/16 Date Analyzed: 10/20/2022 03:57
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 52933-016.d Heated Purge: (Y/N) N
 Calibration ID: 49215

	BCM		DFBZ		CBNZd5	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	249351	11.20	1295173	13.04	1143922	18.51
UPPER LIMIT	349091	11.53	1813242	13.37	1601491	18.84
LOWER LIMIT	149611	10.87	777104	12.71	686353	18.18
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-184848/22		224373	11.16	1182917	13.01	1011309 18.50

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

Area Limit = 60%-140% of internal standard area
 RT Limit = $\pm$ 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Burlington Job No.: 200-65610-1
 SDG No.: _____
 Sample No.: CCVIS 200-185431/2 Date Analyzed: 11/04/2022 08:10
 Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 53193-002.d Heated Purge: (Y/N) N
 Calibration ID: 49215

		BCM		DFBZ		CBNZd5		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		168241	11.20	867392	13.04	733201	18.51	
UPPER LIMIT		235537	11.53	1214349	13.37	1026481	18.84	
LOWER LIMIT		100945	10.87	520435	12.71	439921	18.18	
LAB SAMPLE ID		CLIENT SAMPLE ID						
LCS 200-185431/3		165190	11.20	865181	13.04	739873	18.51	
MB 200-185431/4		165591	11.20	878444	13.04	676495	18.51	
200-65610-7		4123	164005	11.20	857859	13.04	651617	18.51

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

Area Limit = 60%-140% of internal standard area
 RT Limit = $\pm$ 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Burlington Job No.: 200-65667-1
 SDG No.: _____
 Sample No.: ICIS 200-185405/8 Date Analyzed: 11/03/2022 21:09
 Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 53185-008.D Heated Purge: (Y/N) N
 Calibration ID: 49368

	BCM		DFBZ		CBNZd5	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	247603	9.57	1322781	11.52	1184176	17.55
UPPER LIMIT	346644	9.90	1851893	11.85	1657846	17.88
LOWER LIMIT	148562	9.24	793669	11.19	710506	17.22
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 200-185405/16		247310	9.57	1335854	11.52	1189989 17.55

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

Area Limit = 60%-140% of internal standard area
 RT Limit = $\pm$ 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins Burlington Job No.: 200-65667-1
 SDG No.: _____
 Sample No.: CCVIS 200-185599/5 Date Analyzed: 11/09/2022 11:05
 Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm)
 Lab File ID (Standard): 53252-005.D Heated Purge: (Y/N) N
 Calibration ID: 49368

		BCM		DFBZ		CBNZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		215265	9.56	1167378	11.52	1020178	17.55
UPPER LIMIT		301371	9.89	1634329	11.85	1428249	17.88
LOWER LIMIT		129159	9.23	700427	11.19	612107	17.22
LAB SAMPLE ID		CLIENT SAMPLE ID					
MB 200-185599/6		228130	9.56	1242363	11.52	1021660	17.55
LCS 200-185599/7		209526	9.56	1130787	11.52	981590	17.55
200-65667-10		2952	183990	9.57	994566	11.52	818322

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

Area Limit = 60%-140% of internal standard area
 RT Limit = $\pm$ 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-65610-1</u>
SDG No.: _____	
Client Sample ID: <u>4123</u>	Lab Sample ID: <u>200-65610-7</u>
Matrix: <u>Air</u>	Lab File ID: <u>53193-005.d</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>11/03/2022 00:00</u>
Sample wt/vol: <u>1000 (mL)</u>	Date Analyzed: <u>11/04/2022 11:00</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>0.2</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>185431</u>	Units: <u>ppb v/v</u>

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	0.012
10061-01-5	1,3-Dichloropropene, cis-	0.040	U	0.040	0.0090
10061-02-6	1,3-Dichloropropene, trans-	0.040	U	0.040	0.011
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.018
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.0084
106-99-0	1,3-Butadiene	0.040	U	0.040	0.0078
107-05-1	Allyl chloride	0.10	U	0.10	0.024
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.019
108-10-1	Methyl isobutyl ketone (MIBK)	0.10	U	0.10	0.026
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.0094
108-88-3	Toluene	0.040	U	0.040	0.0084
108-90-7	Chlorobenzene	0.040	U	0.040	0.0088
109-99-9	Tetrahydrofuran	1.0	U	1.0	0.26
110-54-3	Hexane	0.10	U	0.10	0.022
110-82-7	Cyclohexane	0.040	U	0.040	0.012
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.066
123-91-1	1,4-Dioxane	0.040	U	0.040	0.016
124-48-1	Dibromochloromethane	0.040	U	0.040	0.013
127-18-4	Tetrachloroethene	0.040	U	0.040	0.0042
142-82-5	n-Heptane	0.040	U	0.040	0.011
156-59-2	1,2-Dichloroethene, cis-	0.040	U	0.040	0.0042
156-60-5	1,2-Dichloroethene, trans-	0.040	U	0.040	0.0046
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.0072
179601-23-1	m,p-Xylene	0.10	U	0.10	0.019
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.0076
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.015
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.0044
593-60-2	Vinyl bromide	0.040	U	0.040	0.010
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.0098
64-17-5	Ethanol	1.0	U	1.0	0.52
67-63-0	Isopropanol	1.0	U	1.0	0.32
67-64-1	Acetone	1.0	U	1.0	0.32
67-66-3	Chloroform	0.040	U	0.040	0.0082

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

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-65610-1</u>
SDG No.: _____	
Client Sample ID: <u>4123</u>	Lab Sample ID: <u>200-65610-7</u>
Matrix: <u>Air</u>	Lab File ID: <u>53193-005.d</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>11/03/2022 00:00</u>
Sample wt/vol: <u>1000 (mL)</u>	Date Analyzed: <u>11/04/2022 11:00</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>0.2</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>185431</u>	Units: <u>ppb v/v</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.040	U	0.040	0.0088
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.0088
74-83-9	Bromomethane	0.040	U	0.040	0.014
74-87-3	Chloromethane	0.10	U	0.10	0.030
75-00-3	Chloroethane	0.10	U	0.10	0.036
75-01-4	Vinyl chloride	0.040	U	0.040	0.0042
75-09-2	Methylene Chloride	0.10	U	0.10	0.036
75-15-0	Carbon disulfide	0.10	U	0.10	0.026
75-25-2	Bromoform	0.040	U	0.040	0.024
75-27-4	Bromodichloromethane	0.040	U	0.040	0.010
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.0050
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.0052
75-65-0	tert-Butyl alcohol	1.0	U	1.0	0.24
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.010
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.022
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	0.0096
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.019
78-93-3	Methyl ethyl ketone (MEK)	0.10	U	0.10	0.098
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.015
79-01-6	Trichloroethene	0.040	U	0.040	0.0050
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.0086
80-62-6	Methyl methacrylate	0.10	U	0.10	0.028
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.022
91-20-3	Naphthalene	0.10	U	0.10	0.060
95-47-6	Xylene, o-	0.040	U	0.040	0.010
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.0092
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	0.030

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221104-53193.b\53193-005.d
 Lims ID: 200-65610-A-7
 Client ID: 4123
 Sample Type: Client
 Inject. Date: 04-Nov-2022 11:00:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0053193-005
 Misc. Info.: 65610-7
 Operator ID: vtp Instrument ID: CHW.i
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221104-53193.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 07-Nov-2022 07:28:21 Calib Date: 20-Oct-2022 08:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221019-52933.b\52933-021.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1604

First Level Reviewer: puangmaleek

Date: 07-Nov-2022 07:28:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.067				ND	
2 Dichlorodifluoromethane	85		4.158				ND	
3 Chlorodifluoromethane	51		4.201				ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.511				ND	
5 Chloromethane	50		4.618				ND	
6 Vinyl chloride	62		4.923				ND	
7 Butane	43		4.929				ND	7
8 Butadiene	54		5.036				ND	
9 Bromomethane	94		5.736				ND	
10 Chloroethane	64		6.004				ND	
13 Vinyl bromide	106		6.416				ND	
14 Trichlorofluoromethane	101		6.582				ND	
16 Ethanol	45		6.951				ND	
20 1,1-Dichloroethene	96		7.630				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		7.678				ND	
22 Acetone	43		7.710				ND	
23 Isopropyl alcohol	45		8.010				ND	7
24 Carbon disulfide	76	8.042	8.037	0.005	50	1223	0.0194	
26 3-Chloro-1-propene	41		8.326				ND	7
27 Methylene Chloride	49		8.556				ND	7
28 2-Methyl-2-propanol	59		8.780				ND	
30 trans-1,2-Dichloroethene	61		9.053				ND	
31 Methyl tert-butyl ether	73		9.069				ND	7
32 Hexane	57		9.561				ND	
33 1,1-Dichloroethane	63		9.808				ND	
34 Vinyl acetate	43		9.824				ND	
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
36 2-Butanone (MEK)	72		10.771				ND	
37 cis-1,2-Dichloroethene	96		10.792				ND	
38 Ethyl acetate	88		10.861				ND	
* 39 Chlorobromomethane	128	11.204	11.204	0.000	73	164005	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
40 Tetrahydrofuran	42		11.252				ND	
41 Chloroform	83		11.380				ND	
42 1,1,1-Trichloroethane	97		11.685				ND	
43 Cyclohexane	84		11.824				ND	
44 Carbon tetrachloride	117		11.963				ND	
45 Benzene	78		12.306				ND	7
46 1,2-Dichloroethane	62		12.381				ND	
47 Isooctane	57		12.525				ND	
48 n-Heptane	43		12.835				ND	7
* 49 1,4-Difluorobenzene	114	13.044	13.044	0.000	95	857859	10.0	
51 Trichloroethene	95		13.472				ND	
53 1,2-Dichloropropane	63		13.927				ND	
54 Methyl methacrylate	69		14.023				ND	
55 1,4-Dioxane	88		14.066				ND	
57 Dibromomethane	174		14.082				ND	7
58 Dichlorobromomethane	83		14.392				ND	
59 cis-1,3-Dichloropropene	75		15.195				ND	7
61 4-Methyl-2-pentanone (MIBK)	43		15.462				ND	
62 Toluene	92		15.837				ND	
66 trans-1,3-Dichloropropene	75		16.249				ND	
67 1,1,2-Trichloroethane	83		16.623				ND	
68 Tetrachloroethene	166		16.826				ND	
69 2-Hexanone	43		17.040				ND	
70 Chlorodibromomethane	129		17.361				ND	
71 Ethylene Dibromide	107		17.597				ND	
* 73 Chlorobenzene-d5	117	18.511	18.512	-0.001	92	651617	10.0	
74 Chlorobenzene	112		18.570				ND	7
75 Ethylbenzene	91		18.763				ND	7
76 m-Xylene & p-Xylene	106		19.036				ND	
78 o-Xylene	106		19.801				ND	
79 Styrene	104		19.838				ND	7
S 80 Xylenes, Total	106		20.100				ND	7
81 Bromoform	173		20.191				ND	7
82 Isopropylbenzene	105		20.523				ND	7
83 1,1,2,2-Tetrachloroethane	83		21.058				ND	7
85 N-Propylbenzene	91		21.267				ND	7
86 2-Chlorotoluene	91		21.411				ND	7
87 4-Ethyltoluene	105		21.470				ND	7
88 1,3,5-Trimethylbenzene	105		21.566				ND	7
91 tert-Butylbenzene	119		22.058				ND	
92 1,2,4-Trimethylbenzene	105		22.144				ND	7
93 sec-Butylbenzene	105		22.390				ND	7
94 1,3-Dichlorobenzene	146	22.561	22.556	0.005	2	880	0.0127	
95 4-Isopropyltoluene	119		22.609				ND	7
96 1,4-Dichlorobenzene	146	22.716	22.700	0.016	2	1099	0.0173	
97 Benzyl chloride	91		22.850				ND	MU
98 n-Butylbenzene	91		23.160				ND	7
99 1,2-Dichlorobenzene	146	23.187	23.187	0.000	34	1280	0.0175	
102 1,2,4-Trichlorobenzene	180		25.568				ND	7
103 Hexachlorobutadiene	225		25.809				ND	7
104 Naphthalene	128		26.023				ND	7

[QC Flag Legend](#)

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

[Reagents:](#)

ATTO15WISs_00009

Amount Added: 20.00

Units: mL

Run Reagent

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221104-53193.b\53193-005.d

Injection Date: 04-Nov-2022 11:00:30

Instrument ID: CHW.i

Operator ID: vtp

Lims ID: 200-65610-A-7

Lab Sample ID: 200-65610-7

Worklist Smp#: 5

Client ID: 4123

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

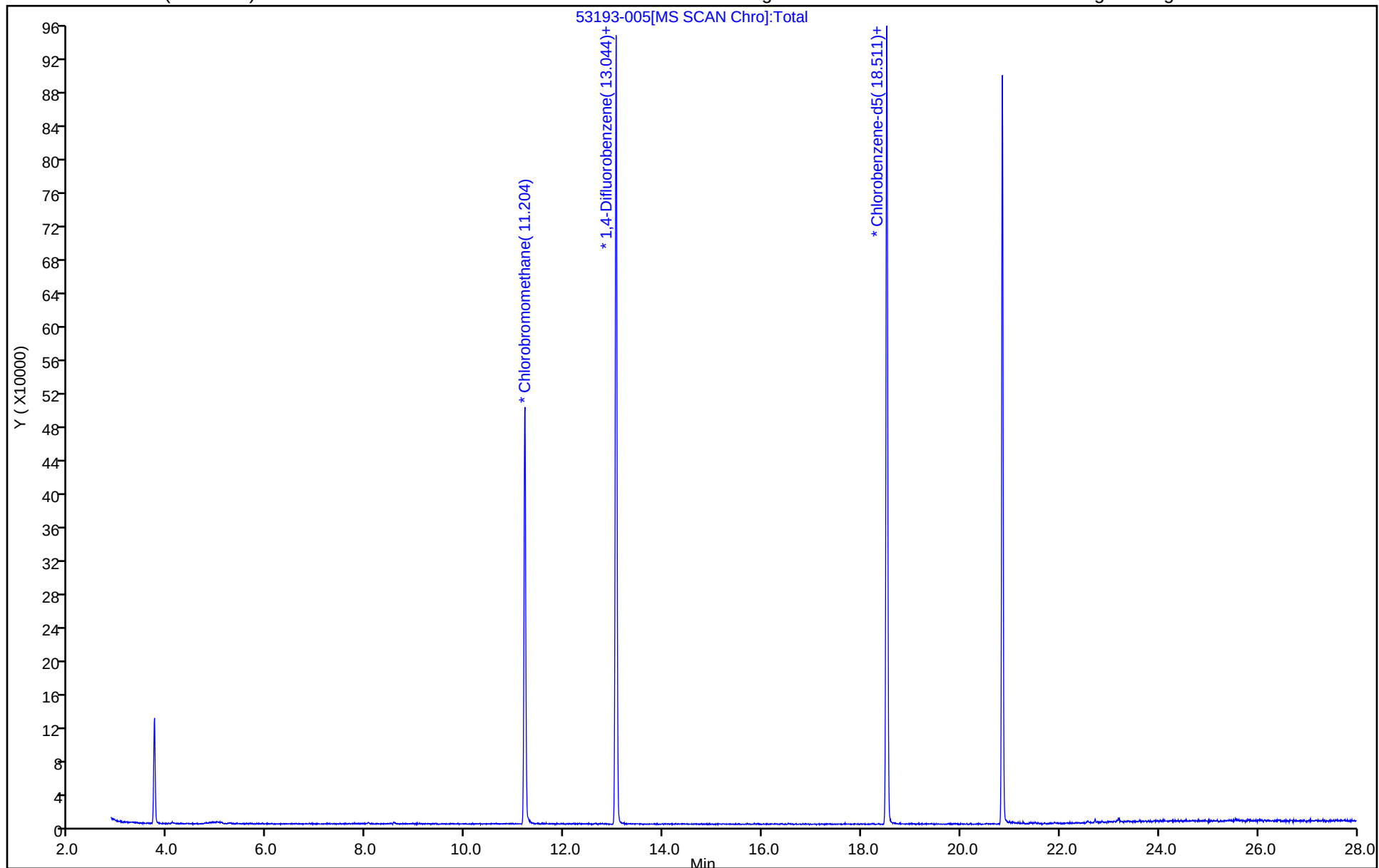
ALS Bottle#: 4

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



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

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-65667-1</u>
SDG No.: _____	
Client Sample ID: <u>2952</u>	Lab Sample ID: <u>200-65667-10</u>
Matrix: <u>Air</u>	Lab File ID: <u>53252-012.D</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>11/07/2022 00:00</u>
Sample wt/vol: <u>1000 (mL)</u>	Date Analyzed: <u>11/09/2022 17:30</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>0.2</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>185599</u>	Units: <u>ppb v/v</u>

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	0.040	U	0.040	0.040
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	0.040	U	0.040	0.040
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	0.040	U	0.040	0.040
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
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

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

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-65667-1</u>
SDG No.: _____	
Client Sample ID: <u>2952</u>	Lab Sample ID: <u>200-65667-10</u>
Matrix: <u>Air</u>	Lab File ID: <u>53252-012.D</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>11/07/2022 00:00</u>
Sample wt/vol: <u>1000 (mL)</u>	Date Analyzed: <u>11/09/2022 17:30</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>0.2</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>185599</u>	Units: <u>ppb v/v</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
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	0.040	U	0.040	0.040
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
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

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

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-65667-1</u>
SDG No.: _____	
Client Sample ID: <u>2952</u>	Lab Sample ID: <u>200-65667-10</u>
Matrix: <u>Air</u>	Lab File ID: <u>53252-012.D</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>11/07/2022 00:00</u>
Sample wt/vol: <u>1000 (mL)</u>	Date Analyzed: <u>11/09/2022 17:30</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>0.2</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>185599</u>	Units: <u>ppb v/v</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
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\CHC.i\20221109-53252.b\53252-012.D
 Lims ID: 200-65667-A-10
 Client ID: 2952
 Sample Type: Client
 Inject. Date: 09-Nov-2022 17:30:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0053252-012
 Misc. Info.: 65667-10
 Operator ID: vtp Instrument ID: CHC.i
 Method: \\chromfs\Burlington\ChromData\CHC.i\20221109-53252.b\TO15_MasterMethod_(v1)_CHC.i.m
 Limit Group: AI_TO15_ICAL
 Last Update: 10-Nov-2022 08:41:12 Calib Date: 04-Nov-2022 01:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20221103-53185.b\53185-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1631

First Level Reviewer: V0FK

Date: 10-Nov-2022 08:41:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		2.810				ND	
2 Dichlorodifluoromethane	85		2.869				ND	7
3 Chlorodifluoromethane	51		2.906				ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.093				ND	7
5 Chloromethane	50		3.199				ND	7
6 Butane	43		3.381				ND	7
7 Vinyl chloride	62		3.408				ND	
8 Butadiene	54		3.477				ND	
9 Bromomethane	94		4.048				ND	
10 Chloroethane	64		4.261				ND	
13 Vinyl bromide	106		4.619				ND	
14 Trichlorofluoromethane	101		4.736				ND	
16 Ethanol	45		5.297				ND	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101		5.767				ND	
20 1,1-Dichloroethene	96		5.772				ND	
21 Acetone	43		5.975				ND	7
22 Carbon disulfide	76		6.129				ND	MU
23 Isopropyl alcohol	45		6.354				ND	
24 3-Chloro-1-propene	41		6.503				ND	7
26 Methylene Chloride	49		6.775				ND	7
28 2-Methyl-2-propanol	59		7.122				ND	
29 trans-1,2-Dichloroethene	61		7.234				ND	
30 Methyl tert-butyl ether	73		7.261				ND	
32 Hexane	57		7.677				ND	
33 1,1-Dichloroethane	63		8.056				ND	
34 Vinyl acetate	43		8.163				ND	
35 cis-1,2-Dichloroethene	96		9.129				ND	
36 2-Butanone (MEK)	72		9.187				ND	
37 Ethyl acetate	88		9.284				ND	
* 38 Chlorobromomethane	128	9.567	9.561	0.006	93	183990	20.0	
39 Tetrahydrofuran	42		9.646				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
40 Chloroform	83		9.721				ND	
41 1,1,1-Trichloroethane	97		9.993				ND	
42 Cyclohexane	84		10.009				ND	
S 43 1,2-Dichloroethene, Total	61		10.200				ND	7
44 Carbon tetrachloride	117		10.260				ND	
45 Benzene	78		10.676				ND	
46 Isooctane	57		10.746				ND	
47 1,2-Dichloroethane	62		10.821				ND	
48 n-Heptane	43		11.151				ND	
* 49 1,4-Difluorobenzene	114	11.520	11.520	0.000	98	994566	20.0	
50 Trichloroethene	95		11.989				ND	
53 1,2-Dichloropropane	63		12.475				ND	
56 Dibromomethane	174		12.726				ND	7
55 Methyl methacrylate	69		12.731				ND	
57 1,4-Dioxane	88		12.779				ND	
58 Dichlorobromomethane	83		13.051				ND	
59 cis-1,3-Dichloropropene	75		14.017				ND	
61 4-Methyl-2-pentanone (MIBK)	43		14.348				ND	
62 Toluene	92		14.636				ND	
66 trans-1,3-Dichloropropene	75		15.223				ND	
67 1,1,2-Trichloroethane	83		15.586				ND	
68 Tetrachloroethene	166		15.768				ND	
69 2-Hexanone	43		16.109				ND	
70 Chlorodibromomethane	129		16.355				ND	
71 Ethylene Dibromide	107		16.600				ND	
* 72 Chlorobenzene-d5	117	17.545	17.545	0.000	95	818322	20.0	
73 Chlorobenzene	112		17.604				ND	
74 Ethylbenzene	91		17.785				ND	MU
76 m-Xylene & p-Xylene	106		18.041				ND	
77 o-Xylene	106		18.869				ND	
78 Styrene	104		18.917				ND	
80 Bromoform	173		19.322				ND	
81 Isopropylbenzene	105		19.626				ND	
S 82 Xylenes, Total	106		20.100				ND	7
83 1,1,2,2-Tetrachloroethane	83		20.326				ND	
85 N-Propylbenzene	91		20.443				ND	7
86 2-Chlorotoluene	91		20.635				ND	7
87 4-Ethyltoluene	105		20.656				ND	
89 1,3,5-Trimethylbenzene	105		20.779				ND	
91 tert-Butylbenzene	119		21.308				ND	
92 1,2,4-Trimethylbenzene	105		21.409				ND	
93 sec-Butylbenzene	105		21.660				ND	
95 1,3-Dichlorobenzene	146		21.879				ND	
94 4-Isopropyltoluene	119		21.884				ND	
96 1,4-Dichlorobenzene	146		22.023				ND	
97 Benzyl chloride	91		22.215				ND	7
98 n-Butylbenzene	91		22.476				ND	7
100 1,2-Dichlorobenzene	146		22.556				ND	
102 1,2,4-Trichlorobenzene	180		24.851				ND	
103 Hexachlorobutadiene	225		25.059				ND	
104 Naphthalene	128		25.246				ND	7

[QC Flag Legend](#)

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

[Reagents:](#)

ATTO15CISs_00011

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 10-Nov-2022 08:41:18

Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20221109-53252.b\53252-012.D

Injection Date: 09-Nov-2022 17:30:30

Instrument ID: CHC.i

Operator ID: vtp

Lims ID: 200-65667-A-10

Lab Sample ID: 200-65667-10

Worklist Smp#: 12

Client ID: 2952

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

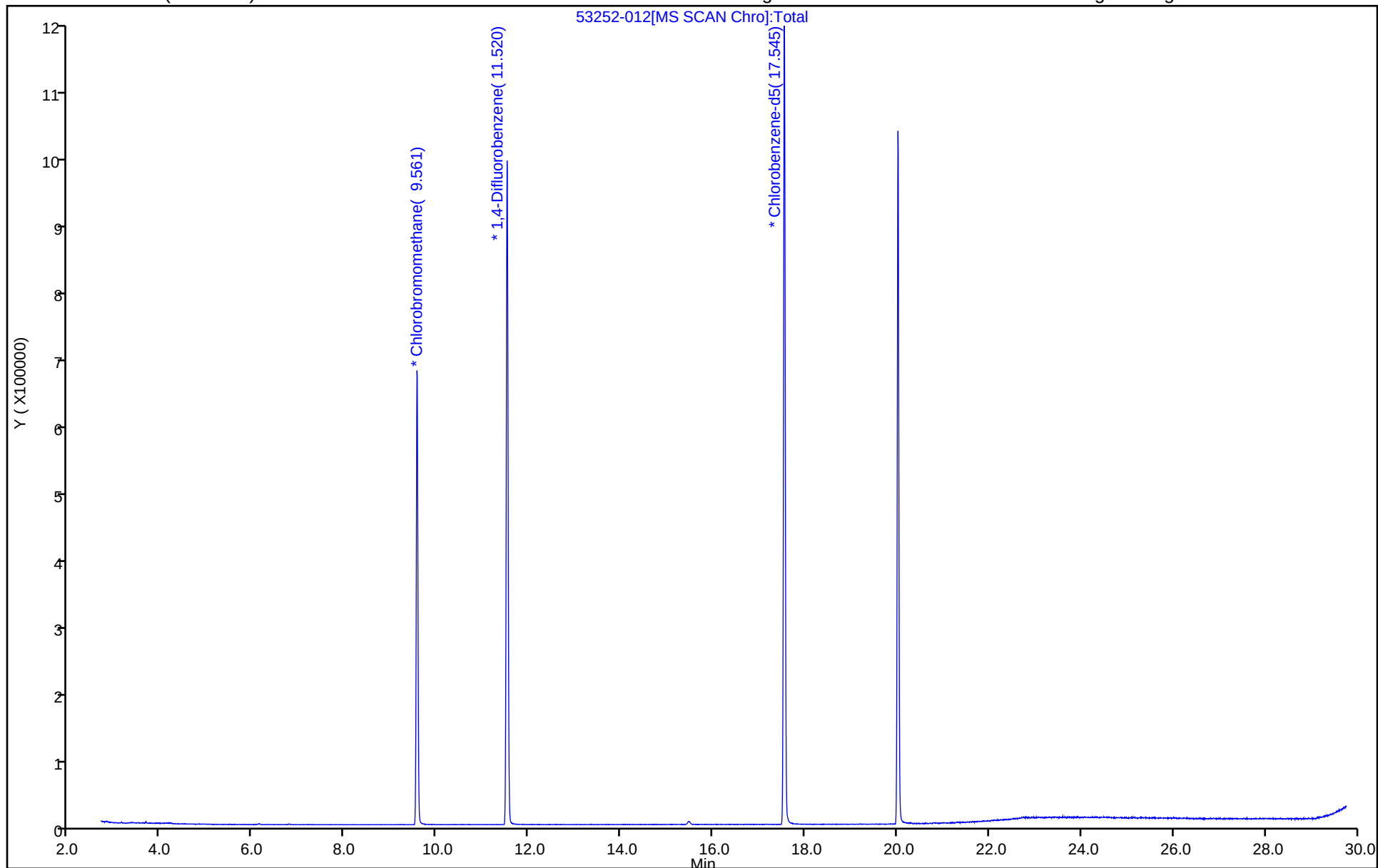
ALS Bottle#: 11

Method: TO15_MasterMethod_(v1)_CHC.i

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

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

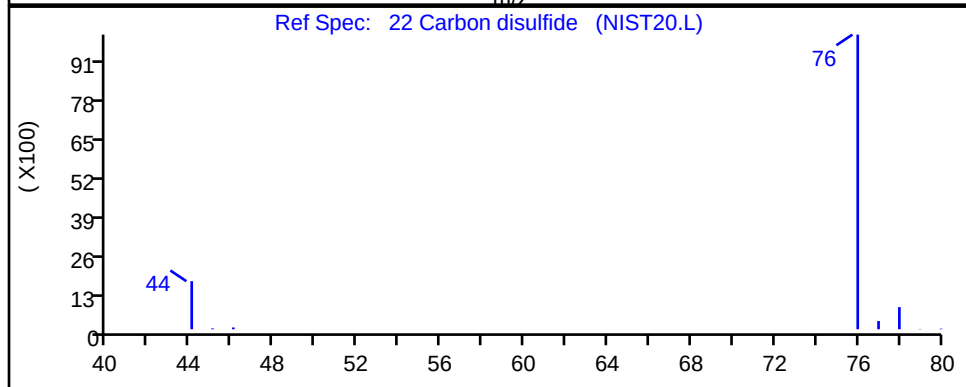
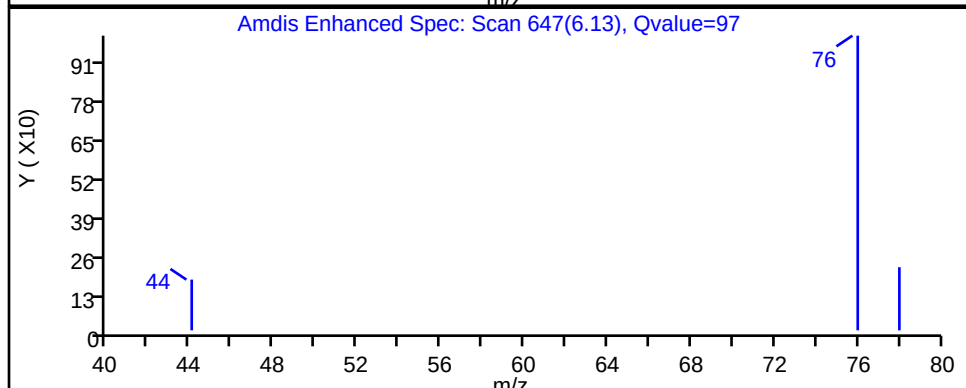
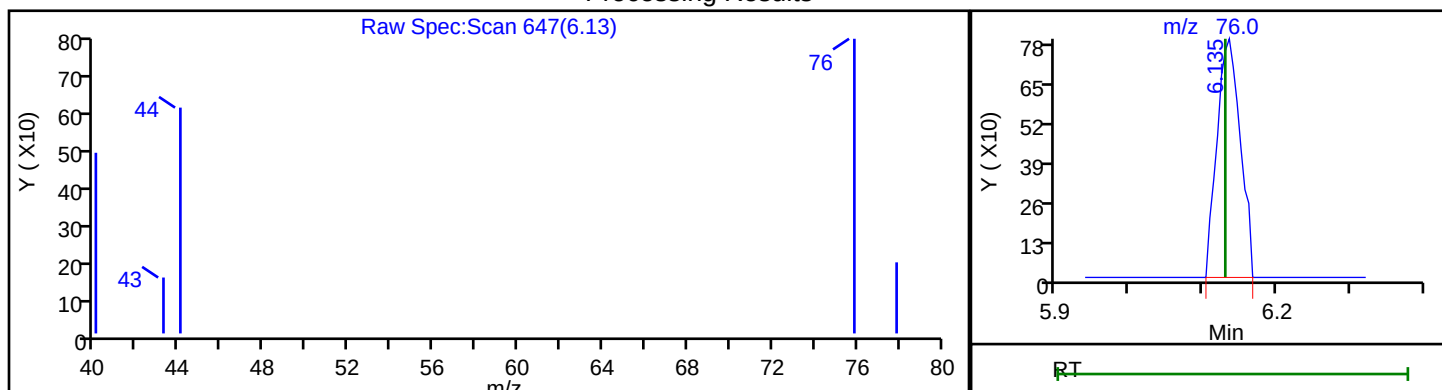


Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20221109-53252.b\53252-012.D
Injection Date: 09-Nov-2022 17:30:30 Instrument ID: CHC.i
Lims ID: 200-65667-A-10 Lab Sample ID: 200-65667-10
Client ID: 2952
Operator ID: vtp ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15_MasterMethod_(v1)_CHC.i Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

22 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
6.13	76.00	1755	0.026240

Reviewer: V0FK, 10-Nov-2022 08:40:42

Audit Action: Marked Compound Undetected

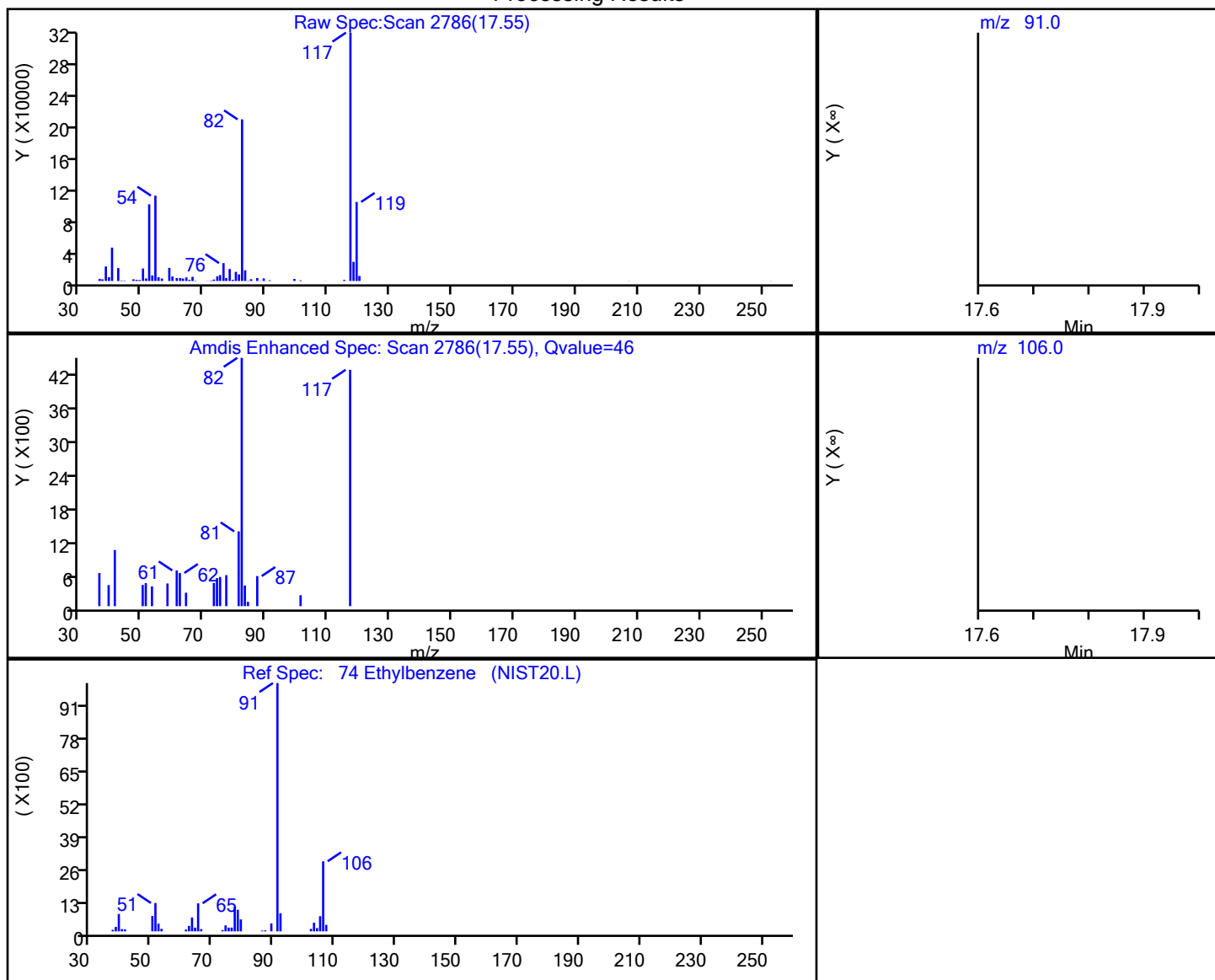
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHC.i\20221109-53252.b\53252-012.D
Injection Date: 09-Nov-2022 17:30:30 Instrument ID: CHC.i
Lims ID: 200-65667-A-10 Lab Sample ID: 200-65667-10
Client ID: 2952
Operator ID: vtp ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15_MasterMethod_(v1)_CHC.i Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

74 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
17.55	91.00	1766	0.012660
17.79	106.00	0	

Reviewer: V0FK, 10-Nov-2022 08:40:59

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.: 200-65610-1 Analy Batch No.: 184848

SDG No.: _____

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

Calibration Start Date: 10/19/2022 17:30 Calibration End Date: 10/20/2022 08:22 Calibration ID: 49215

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-184848/4	52933-004.d
Level 2	IC 200-184848/5	52933-005.d
Level 3	IC 200-184848/6	52933-006.d
Level 4	IC 200-184848/7	52933-007.d
Level 5	ICIS 200-184848/16	52933-016.d
Level 6	IC 200-184848/9	52933-009.d
Level 7	IC 200-184848/12	52933-012.d
Level 8	IC 200-184848/21	52933-021.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Dichlorodifluoromethane	+++++ 6.4510	+++++ 6.0782	7.6819 5.3726	6.5784	7.2297	Ave		6.565 3				12.5		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 5.1138	6.2664 5.5325	6.5727 5.1601	5.6964	6.7229	Ave		5.866 4				11.2		30.0			
Chloromethane	+++++ 1.0505	+++++ 1.0490	1.3419 1.3411	1.1739	1.5184	Ave		1.245 8				15.0		30.0			
Vinyl chloride	1.6292 1.1196	1.3765 1.1043	1.3420 1.1032	0.9996	1.4774	Ave		1.269 0				17.4		30.0			
1,3-Butadiene	0.8391 0.7610	1.0723 0.8014	1.0344 0.8603	0.6993	0.9899	Ave		0.882 2				15.3		30.0			
Bromomethane	+++++ 1.7552	2.2936 1.8720	2.0161 1.8312	1.8230	2.2412	Ave		1.976 0				10.9		30.0			
Chloroethane	+++++ 0.8131	+++++ 0.8737	0.9500 0.8981	0.7948	1.0823	Ave		0.902 0				11.6		30.0			
Vinyl bromide	+++++ 1.6994	2.1671 1.7942	1.9660 1.7659	1.7425	2.0180	Ave		1.879 0				9.2		30.0			
Trichlorofluoromethane	+++++ 6.8016	8.7964 6.9046	8.1024 6.2602	7.1470	7.7967	Ave		7.401 3				11.8		30.0			
Ethanol	+++++ 0.3850	+++++ 0.5401	0.4343 0.6139	0.4658	0.5663	Ave		0.500 9				17.3		30.0			
1,1-Dichloroethene	2.8408 1.4853	1.8168 1.4969	1.7077 1.5318	1.4820	1.8335	Ave		1.774 3				25.7		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 3.6363	4.6915 3.6248	4.3216 3.5854	3.6933	4.3616	Ave		3.987 8				11.4		30.0			
Acetone	+++++ 2.5914	+++++ 2.7206	+++++ 2.8657	2.4373	3.0039	Ave		2.723 8				8.2		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65610-1 Analy Batch No.: 184848
SDG No.: _____
Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 10/19/2022 17:30 Calibration End Date: 10/20/2022 08:22 Calibration ID: 49215

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
Isopropanol	++++ 2.1917	++++ 2.2219	++++ 2.4386	2.0443	2.3081	Ave		2.240 9				6.5		30.0			
Carbon disulfide	++++ 3.5748	++++ 3.6162	4.2852 3.8931	3.5353	4.1344	Ave		3.839 9				8.2		30.0			
Allyl chloride	++++ 1.5597	2.1291 1.5569	1.6676 1.7168	1.4748	1.7152	Ave		1.688 6				12.7		30.0			
Methylene Chloride	++++ 1.5531	++++ 1.5487	1.8362 1.6229	1.5766	1.7538	Ave		1.648 6				7.2		30.0			
tert-Butyl alcohol	++++ 3.3167	++++ 3.3383	++++ 3.4117	3.1419	3.5603	Ave		3.353 8				4.5		30.0			
1,2-Dichloroethene, trans-	3.3564 2.1523	2.5291 2.1669	2.3578 2.2316	2.0973	2.4451	Ave		2.417 1				16.9		30.0			
Methyl tert-butyl ether	++++ 5.0427	5.8491 5.0261	5.3909 5.0483	4.9183	5.6762	Ave		5.278 8				6.9		30.0			
Hexane	++++ 1.7380	2.0381 1.7571	1.8609 1.8801	1.6729	1.9894	Ave		1.848 1				7.3		30.0			
1,1-Dichloroethane	3.2557 2.4735	3.1998 2.4784	2.6897 2.5547	2.3953	2.8360	Ave		2.735 4				12.2		30.0			
Methyl ethyl ketone (MEK)	++++ 0.6156	++++ 0.6488	0.5775 0.6776	0.5856	0.6766	Ave		0.630 3				7.0		30.0			
1,2-Dichloroethene, cis-	2.1448 1.4057	1.7890 1.4375	1.4982 1.4551	1.3885	1.6171	Ave		1.592 0				16.3		30.0			
Tetrahydrofuran	++++ 0.2200	++++ 0.2276	++++ 0.2791	0.2041	0.2415	Ave		0.234 5				12.1		30.0			
Chloroform	++++ 3.7736	4.7392 3.8208	4.2764 3.7189	3.8191	4.2905	Ave		4.062 7				9.4		30.0			
1,1,1-Trichloroethane	++++ 0.9746	1.1711 0.9689	1.1339 1.0155	0.9662	1.0634	Ave		1.042 0				8.0		30.0			
Cyclohexane	++++ 0.3622	0.4181 0.3649	0.4207 0.4158	0.3471	0.4015	Ave		0.390 1				8.0		30.0			
Carbon tetrachloride	1.4830 1.1121	1.2717 1.1063	1.2350 1.1262	1.1105	1.1833	Ave		1.203 5				10.7		30.0			
Benzene	++++ 0.8050	0.9411 0.8048	0.8855 0.9278	0.7654	0.9032	Ave		0.861 8				8.0		30.0			
1,2-Dichloroethane	++++ 0.6450	0.7859 0.6403	0.7201 0.6882	0.6244	0.7079	Ave		0.687 4				8.2		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65610-1 Analy Batch No.: 184848

SDG No.: _____

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

Calibration Start Date: 10/19/2022 17:30 Calibration End Date: 10/20/2022 08:22 Calibration ID: 49215

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
2,2,4-Trimethylpentane	++++ 1.1546	1.2943 1.1639	1.2221 1.3920	1.0838	1.2920	Ave		1.229 0				8.5		30.0			
n-Heptane	++++ 0.4155	0.4887 0.4196	0.4247 0.4434	0.3776	0.4583	Ave		0.432 5				8.2		30.0			
Trichloroethene	0.6205 0.4548	0.5474 0.4618	0.5110 0.4513	0.4440	0.5035	Ave		0.499 3				12.2		30.0			
1,2-Dichloropropane	++++ 0.2737	0.3306 0.2714	0.2909 0.2510	0.2497	0.3015	Ave		0.281 3				10.3		30.0			
Methyl methacrylate	++++ 0.2828	++++ 0.2781	0.2290 0.2919	0.2467	0.3028	Ave		0.271 9				10.4		30.0			
1,4-Dioxane	++++ 0.1652	0.1512 0.1613	0.1527 0.1602	0.1584	0.1728	Ave		0.160 3				4.6		30.0			
Bromodichloromethane	++++ 0.8519	0.9313 0.8520	0.9004 0.7225	0.8221	0.9217	Ave		0.857 4				8.4		30.0			
1,3-Dichloropropene, cis-	++++ 0.5882	0.5800 0.5917	0.5819 0.4748	0.5426	0.6078	Ave		0.566 7				8.0		30.0			
Methyl isobutyl ketone (MIBK)	++++ 0.6142	++++ 0.6242	0.5318 0.4777	0.5549	0.6640	Ave		0.577 8				11.9		30.0			
Toluene	++++ 0.7310	0.9005 0.7524	0.7905 0.7336	0.7278	0.8098	Ave		0.778 0				8.1		30.0			
1,3-Dichloropropene, trans-	++++ 0.5964	0.5753 0.6106	0.5414 0.4878	0.5442	0.6346	Ave		0.570 0				8.7		30.0			
1,1,2-Trichloroethane	++++ 0.3375	0.3956 0.3370	0.3540 0.3255	0.3240	0.3625	Ave		0.348 0				7.3		30.0			
Tetrachloroethene	1.2086 0.7697	1.0016 0.7616	0.8896 0.7221	0.7811	0.8170	Ave		0.868 9				18.8		30.0			
2-Hexanone	++++ 0.6721	++++ 0.6847	0.4518 0.6613	0.5778	0.7021	Ave		0.625 0				15.2		30.0			
Dibromochloromethane	++++ 1.0222	1.1414 1.0349	1.0426 1.0261	1.0041	1.0928	Ave		1.052 0				4.6		30.0			
1,2-Dibromoethane	++++ 0.6759	0.7091 0.6818	0.6818 0.6827	0.6473	0.7350	Ave		0.687 7				4.0		30.0			
Chlorobenzene	++++ 1.0709	1.2999 1.0480	1.1817 1.0613	1.0381	1.1693	Ave		1.124 2				8.6		30.0			
Ethylbenzene	++++ 1.8572	1.9312 1.8112	1.8917 1.8397	1.8084	2.0237	Ave		1.880 4				4.1		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65610-1 Analy Batch No.: 184848

SDG No.: _____

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

Calibration Start Date: 10/19/2022 17:30 Calibration End Date: 10/20/2022 08:22 Calibration ID: 49215

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
m,p-Xylene	++++ 0.6891	0.7009 0.6705	0.6883 0.6825	0.6767	0.7573	Ave		0.695 n				4.2		30.0			
Xylene, o-	++++ 0.6743	0.7076 0.6531	0.6622 0.6598	0.6486	0.7304	Ave		0.676 6				4.5		30.0			
Styrene	++++ 1.0588	0.7849 1.0366	0.8656 1.0621	0.9846	1.1356	Ave		0.989 7				12.4		30.0			
Bromoform	++++ 1.0026	0.9069 0.9842	0.8937 0.9902	0.9545	1.0203	Ave		0.964 6				5.0		30.0			
1,1,2,2-Tetrachloroethane	++++ 0.8331	0.9531 0.8206	0.8696 0.8116	0.7934	0.9105	Ave		0.856 n				6.8		30.0			
2-Chlorotoluene	++++ 1.6463	1.6405 1.6313	1.5712 1.6293	1.6009	1.7828	Ave		1.643 2				4.1		30.0			
4-Ethyltoluene	++++ 2.1980	1.9436 2.1642	1.8968 2.1936	2.1286	2.3565	Ave		2.125 9				7.4		30.0			
1,3,5-Trimethylbenzene	++++ 2.0257	2.0499 1.9833	1.9684 2.0257	1.9937	2.1959	Ave		2.034 6				3.8		30.0			
1,2,4-Trimethylbenzene	++++ 2.0185	1.8892 1.9730	1.8919 2.0122	1.9609	2.3091	Ave		2.007 8				7.1		30.0			
1,3-Dichlorobenzene	++++ 1.1555	0.7600 1.1256	0.8260 1.1508	1.0612	1.3368	Ave		1.059 4				19.0		30.0			
1,4-Dichlorobenzene	++++ 1.0980	0.6518 1.0884	0.6491 1.1209	0.9865	1.2159	Ave		0.973 n				23.7		30.0			
1,2-Dichlorobenzene	++++ 1.1488	1.0008 1.1324	1.0119 1.1227	1.0952	1.3287	Ave		1.120 1				9.7		30.0			
1,2,4-Trichlorobenzene	++++ 0.6721	++++ 0.7148	0.2601 0.7502	0.4781	0.6903	Ave		0.594 3				31.9	*	30.0			
Hexachlorobutadiene	++++ 1.0701	1.2540 1.0784	1.2011 1.0071	1.0306	1.1020	Ave		1.106 2				8.1		30.0			
Naphthalene	++++ 1.6068	++++ 1.6767	0.6575 1.7333	1.2587	1.8354	Ave		1.461 4				30.1	*	30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65610-1 Analy Batch No.: 184848

SDG No.: _____

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

Calibration Start Date: 10/19/2022 17:30 Calibration End Date: 10/20/2022 08:22 Calibration ID: 49215

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-184848/4	52933-004.d
Level 2	IC 200-184848/5	52933-005.d
Level 3	IC 200-184848/6	52933-006.d
Level 4	IC 200-184848/7	52933-007.d
Level 5	ICIS 200-184848/16	52933-016.d
Level 6	IC 200-184848/9	52933-009.d
Level 7	IC 200-184848/12	52933-012.d
Level 8	IC 200-184848/21	52933-021.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
Dichlorodifluoromethane	BCM	Ave	++++ 2353763	++++ 2982186	82833 6588311	710327	1802391	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 1865857	++++ 27693 2714437	70872 6327736	615094	1676044	++++ 15.0	++++ 0.200 20.0	0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 383281	++++ 514697	14470 1644569	126758	378542	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	1229 408515	6083 541829	14471 1352886	107940	368314	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	633 277667	4739 393214	11154 1054972	75515	246774	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 640403	++++ 10136 918481	21739 2245613	196842	558736	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 296672	++++ 428680	10244 1101344	85819	269824	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Vinyl bromide	BCM	Ave	++++ 620065	9577 880280	21199 2165486	188158	503096	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	++++ 2481703	38874 3387618	87367 7676781	771729	1943746	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 187705	++++ 530061	46891 1505978	100655	211853	++++ 20.0	++++ 40.0	5.01 80.0	9.99	15.0
1,1-Dichloroethene	BCM	Ave	2143 541940	8029 734428	18414 1878432	160027	457089	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloro-1,2,2-trifluoroethane	BCM	Ave	++++ 1326754	20733 1778442	46599 4396747	398800	1087351	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	++++ 945505	++++ 1334803	++++ 3514132	263173	748888	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Isopropanol	BCM	Ave	++++ 799677	++++ 1090130	++++ 2990440	220740	575410	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	++++	++++	46207	381744	1030728	++++	++++	0.500	4.99	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-65610-1 Analy Batch No.: 184848

SDG No.: _____

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

Calibration Start Date: 10/19/2022 17:30 Calibration End Date: 10/20/2022 08:22 Calibration ID: 49215

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
			1304343	1774211	4774058			15.0	20.0	40.0		
Allyl chloride	BCM	Ave	++++ 569099	9409 763858	17982 2105310	159244	427609	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	++++ 566675	19800 759864	19800 1990123	170235	437231	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	++++ 1210166	++++ 1637878	++++ 4183685	339262	887602	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2-Dichloroethene, trans-	BCM	Ave	2532 785299	11177 1063141	25424 2736552	226463	609578	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	++++ 1839922	25849 2465975	58129 6190686	531072	1415102	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Hexane	BCM	Ave	++++ 634150	9007 862103	20066 2305587	180636	495955	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	2456 902510	14141 1215977	29003 3132784	258646	707034	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl ethyl ketone (MEK)	BCM	Ave	++++ 224610	++++ 318326	6227 830989	63237	168666	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethene, cis-	BCM	Ave	1618 512880	7906 705291	16155 1784421	149933	403159	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Tetrahydrofuran	DFBZ	Ave	++++ 409325	++++ 568257	++++ 1586852	114917	312777	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Chloroform	BCM	Ave	++++ 1376875	20944 1874610	46112 4560485	412388	1069644	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFBZ	Ave	++++ 1813431	26204 2419440	61717 5772894	543945	1376984	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFBZ	Ave	++++ 673965	9355 911229	22897 2363873	195426	519954	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFBZ	Ave	5693 2069217	28454 2762705	67216 6402048	625148	1532252	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFBZ	Ave	++++ 1497909	21058 2009683	48193 5274275	430913	1169532	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFBZ	Ave	++++ 1200041	17585 1598860	39193 3912196	351488	916716	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	++++ 2148329	28959 2906405	66514 7913242	610127	1673092	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFBZ	Ave	++++ 773171	10934 1047696	23115 2520573	212557	593506	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichloroethene	DFBZ	Ave	2382 846259	12248 1153256	27811 2565411	249959	651989	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloropropane	DFBZ	Ave	++++ 509286	7398 677730	15833 1426838	140578	390476	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-65610-1 Analy Batch No.: 184848

SDG No.: _____

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

Calibration Start Date: 10/19/2022 17:30 Calibration End Date: 10/20/2022 08:22 Calibration ID: 49215

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
Methyl methacrylate	DFBZ	Ave	+++++ 526290	+++++ 694518	12462 1659380	138885	392143	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFBZ	Ave	+++++ 307432	3384 402697	8310 910774	89185	223742	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFBZ	Ave	+++++ 1585076	20838 2127665	49004 4106933	462784	1193514	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichloropropene, cis-	DFBZ	Ave	+++++ 1094391	12978 1477491	31671 2699153	305479	787112	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl isobutyl ketone (MIBK)	DFBZ	Ave	+++++ 1142891	+++++ 1558650	28944 2715702	312412	859843	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBNZd 5	Ave	+++++ 1188894	16589 1660384	35980 2948754	351525	926156	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichloropropene, trans-	DFBZ	Ave	+++++ 1109750	12873 1524786	29465 2772765	306359	821728	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2-Trichloroethane	CBNZd 5	Ave	+++++ 548896	7287 743819	16113 1308140	156491	414637	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Tetrachloroethene	CBNZd 5	Ave	3744 1251806	18451 1680692	40487 2902393	377228	934386	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Hexanone	CBNZd 5	Ave	+++++ 1093185	+++++ 1511153	20562 2658149	279077	803039	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Dibromochloromethane	CBNZd 5	Ave	+++++ 1662534	21026 2283835	47453 4124500	484934	1249806	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dibromoethane	CBNZd 5	Ave	+++++ 1099240	13063 1504688	31033 2743955	312617	840602	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Chlorobenzene	CBNZd 5	Ave	+++++ 1741740	23946 2312862	53786 4265647	501379	1337345	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Ethylbenzene	CBNZd 5	Ave	+++++ 3020545	35575 3997128	86100 7394458	873374	2314451	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
m,p-Xylene	CBNZd 5	Ave	+++++ 2241592	25823 2959578	62652 5486140	653642	1732333	+++++ 30.0	0.401 40.0	1.00 80.0	9.99	20.0
Xylene, o-	CBNZd 5	Ave	+++++ 1096640	13035 1441414	30141 2651881	313260	835364	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-65610-1 Analy Batch No.: 184848

SDG No.: _____

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

Calibration Start Date: 10/19/2022 17:30 Calibration End Date: 10/20/2022 08:22 Calibration ID: 49215

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
Styrene	CBNZd 5	Ave	++++ 1722045	14458 2287655	39398 4269059	475506	1298768	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromoform	CBNZd 5	Ave	++++ 1630650	16707 2172127	40677 3979901	460977	1166891	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,2,2-Tetrachloroethane	CBNZd 5	Ave	++++ 1355027	17557 1810936	39578 3262161	383188	1041296	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBNZd 5	Ave	++++ 2677571	30220 3600217	71511 6548962	773157	2038979	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBNZd 5	Ave	++++ 3574892	35804 4776167	86333 8817171	1028047	2695103	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBNZd 5	Ave	++++ 3294573	37762 4376985	89589 8142075	962872	2511435	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,4-Trimethylbenzene	CBNZd 5	Ave	++++ 3282866	34801 4354273	86108 8088116	947027	2640962	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBNZd 5	Ave	++++ 1879351	14000 2484183	37596 4625718	512522	1528928	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBNZd 5	Ave	++++ 1785784	12007 2402042	29542 4505541	476447	1390658	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichlorobenzene	CBNZd 5	Ave	++++ 1868418	18436 2499125	46057 4512669	528965	1519641	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,4-Trichlorobenzene	CBNZd 5	Ave	++++ 1093128	++++ 1577543	11839 3015203	230905	789463	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Hexachlorobutadiene	CBNZd 5	Ave	++++ 1740440	23101 2379961	54666 4047812	497741	1260385	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Naphthalene	CBNZd 5	Ave	++++ 2613312	++++ 3700233	29924 6967084	607896	2099126	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00

Curve Type Legend:

Ave = Average ISTD

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

Lab Name: Eurofins Burlington Job No.: 200-65667-1 Analy Batch No.: 185405
SDG No.: _____
Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 11/03/2022 17:33 Calibration End Date: 11/04/2022 01:38 Calibration ID: 49368

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-185405/4	53185-004.D
Level 2	IC 200-185405/5	53185-005.D
Level 3	IC 200-185405/6	53185-006.D
Level 4	IC 200-185405/7	53185-007.D
Level 5	ICIS 200-185405/8	53185-008.D
Level 6	IC 200-185405/9	53185-009.D
Level 7	IC 200-185405/12	53185-012.D
Level 8	IC 200-185405/13	53185-013.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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	++++ 2.2061	++++ 2.3264	++++ 2.0961	2.4446	2.4115	Ave		2.296 9				6.3		30.0			
Dichlorodifluoromethane	++++ 5.7840	++++ 5.8746	7.0879 5.3618	6.0938	6.1315	Ave		6.055 6				9.5		30.0			
Freon 22	++++ 4.0820	++++ 4.2061	5.2355 3.8756	4.4309	4.3864	Ave		4.369 4				10.8		30.0			
1,2-Dichlorotetrafluoroethane	++++ 6.1405	8.1725 6.2254	7.3132 5.8028	6.4454	6.4903	Ave		6.655 8				12.2		30.0			
Chloromethane	++++ 2.3418	++++ 2.4379	2.9967 2.2489	2.5613	2.5223	Ave		2.518 2				10.4		30.0			
n-Butane	++++ 3.4587	++++ 3.6184	4.5250 3.2547	3.8292	3.7483	Ave		3.739 0				11.7		30.0			
Vinyl chloride	3.4284 2.2949	3.0483 2.3529	2.8208 2.1695	2.4395	2.4303	Ave		2.623 1				16.6		30.0			
1,3-Butadiene	2.1868 1.7321	2.2352 1.8105	2.1142 1.6706	1.8239	1.8494	Ave		1.927 8				11.3		30.0			
Bromomethane	++++ 1.8549	2.6328 1.9015	2.2830 1.7470	1.9744	1.9611	Ave		2.050 7				14.9		30.0			
Chloroethane	++++ 1.2236	++++ 1.2582	1.4881 1.1913	1.2942	1.2873	Ave		1.290 4				8.1		30.0			
Isopentane	++++ 2.9818	4.2444 3.1228	3.8271 2.8373	3.2535	3.2364	Ave		3.357 6				14.9		30.0			
Bromoethene (Vinyl Bromide)	++++ 2.1606	2.8638 2.1839	2.4865 2.1209	2.2129	2.2366	Ave		2.323 6				11.5		30.0			
Trichlorofluoromethane	++++ 5.4106	7.1700 5.5335	6.4902 5.2697	5.6966	5.6694	Ave		5.891 4				11.6		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65667-1 Analy Batch No.: 185405
SDG No.: _____
Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 11/03/2022 17:33 Calibration End Date: 11/04/2022 01:38 Calibration ID: 49368

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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	+++++ 4.4258	+++++ 4.6662	5.6946 4.2479	4.8811	4.7928	Ave		4.784 7				10.5		30.0			
Ethanol	+++++ 0.8538	+++++ 1.2088	1.2759 1.1296	1.1748	1.4815	Ave		1.187 4				17.2		30.0			
Ethyl ether	+++++ 1.7180	2.0665 1.7713	2.0466 1.6757	1.8101	1.8191	Ave		1.843 9				8.3		30.0			
Acrolein	+++++ 1.0796	+++++ 1.1222	+++++ 0.9895	1.1043	1.1408	Ave		1.087 3				5.4		30.0			
Freon TF	+++++ 4.6804	6.1956 4.7735	5.5941 4.4920	4.9027	4.9166	Ave		5.079 3				11.8		30.0			
1,1-Dichloroethene	3.3459 2.2562	2.9351 2.3025	2.6472 2.1645	2.3436	2.3585	Ave		2.544 2				16.0		30.0			
Acetone	+++++ 3.8545	+++++ 4.2520	+++++ 3.9793	4.1303	4.5426	Ave		4.151 7				6.4		30.0			
Carbon disulfide	+++++ 6.9129	+++++ 7.1500	8.1957 6.7375	7.2924	7.3328	Ave		7.270 2				7.0		30.0			
Isopropyl alcohol	+++++ 4.3259	+++++ 4.5173	+++++ 4.2385	4.6192	4.8413	Ave		4.508 4				5.3		30.0			
3-Chloropropene	+++++ 3.5557	4.9514 3.9392	4.2384 3.7104	3.7622	3.9374	Ave		4.013 5				11.6		30.0			
Acetonitrile	+++++ 2.0735	+++++ 2.0173	+++++ 1.7986	2.2804	2.1468	Ave		2.063 3				8.6		30.0			
Methylene Chloride	+++++ 2.9619	+++++ 3.1290	3.8596 2.8637	3.2605	3.2146	Ave		3.214 9				10.9		30.0			
tert-Butyl alcohol	+++++ 5.1338	+++++ 5.2654	+++++ 4.9505	5.3736	5.5072	Ave		5.246 1				4.1		30.0			
trans-1,2-Dichloroethene	5.3076 3.7331	4.7776 3.8792	4.4956 3.5532	4.0082	4.0132	Ave		4.221 0				14.0		30.0			
Methyl tert-butyl ether	+++++ 7.0164	9.0631 7.2192	8.3077 6.7768	7.3585	7.4084	Ave		7.592 9				10.6		30.0			
Acrylonitrile	+++++ 1.8908	+++++ 2.0164	2.0895 1.8977	1.9833	2.0127	Ave		1.981 7				3.8		30.0			
n-Hexane	+++++ 4.0041	5.4966 4.1711	4.8343 3.8432	4.2706	4.2769	Ave		4.413 8				12.9		30.0			
1,1-Dichloroethane	6.6317 4.5733	6.0953 4.7657	5.4935 4.4281	4.8907	4.8758	Ave		5.219 3				15.0		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65667-1 Analy Batch No.: 185405
SDG No.: _____
Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 11/03/2022 17:33 Calibration End Date: 11/04/2022 01:38 Calibration ID: 49368

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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	+++++ 7.0026	+++++ 7.4122	+++++ 6.8388	7.3566	7.5157	Ave		7.225 2				4.0		30.0			
cis-1,2-Dichloroethene	3.7984 2.6260	3.2431 2.6744	3.0550 2.5766	2.6922	2.7331	Ave		2.924 9				14.4		30.0			
Methyl Ethyl Ketone	+++++ 1.3459	+++++ 1.4568	1.6547 1.4047	1.3593	1.5497	Ave		1.461 8				8.2		30.0			
Ethyl acetate	+++++ 0.2250	+++++ 0.2250	+++++ 0.2224	0.2186	0.2302	Ave		0.224 2				1.9		30.0			
Tetrahydrofuran	+++++ 0.6567	+++++ 0.7082	+++++ 0.6396	0.7301	0.7188	Ave		0.690 7				5.8		30.0			
Chloroform	+++++ 5.4703	7.0572 5.6031	6.5186 5.3600	5.6955	5.7212	Ave		5.918 0				10.6		30.0			
1,1,1-Trichloroethane	+++++ 0.9951	1.2860 1.0314	1.1828 0.9867	1.0540	1.0486	Ave		1.083 5				10.2		30.0			
Cyclohexane	+++++ 0.7019	0.9237 0.7240	0.8230 0.6963	0.7334	0.7360	Ave		0.762 6				10.8		30.0			
Carbon tetrachloride	1.0448 0.9890	1.1671 1.0183	1.0790 0.9956	1.0195	1.0384	Ave		1.044 0				5.5		30.0			
Benzene	+++++ 1.7503	2.3461 1.7940	2.0564 1.7296	1.8195	1.8287	Ave		1.903 5				11.7		30.0			
2,2,4-Trimethylpentane	+++++ 3.0803	4.0344 3.2160	3.6641 2.9909	3.2967	3.2892	Ave		3.367 4				10.8		30.0			
1,2-Dichloroethane	+++++ 0.7508	0.9351 0.7877	0.8912 0.7520	0.7988	0.7949	Ave		0.815 8				8.6		30.0			
n-Heptane	+++++ 1.3045	1.8137 1.3899	1.5992 1.2684	1.4197	1.4192	Ave		1.459 2				12.9		30.0			
Trichloroethene	1.0655 0.7280	0.9001 0.7399	0.8274 0.7506	0.7388	0.7445	Ave		0.811 8				14.6		30.0			
n-Butanol	+++++ 0.4208	+++++ 0.4561	+++++ 0.4563	0.4142	0.5210	Ave		0.453 7				9.3		30.0			
1,2-Dichloropropane	+++++ 0.7491	0.9363 0.7699	0.8611 0.7567	0.7724	0.7817	Ave		0.803 9				8.6		30.0			
Dibromomethane	+++++ 0.5863	0.7494 0.6012	0.6598 0.6095	0.5940	0.6060	Ave		0.629 5				9.2		30.0			
Methyl methacrylate	+++++ 0.6976	+++++ 0.7264	0.6763 0.7240	0.6698	0.7094	Ave		0.700 6				3.4		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65667-1 Analy Batch No.: 185405
SDG No.: _____
Instrument ID: CHC.i GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 11/03/2022 17:33 Calibration End Date: 11/04/2022 01:38 Calibration ID: 49368

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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								
1,4-Dioxane	++++ 0.3331	0.3637 0.3333	0.3307 0.3461	0.3379	0.3646	Ave		0.344 2				4.2		30.0			
Bromodichloromethane	++++ 1.2704	1.4779 1.2994	1.3700 1.3003	1.2717	1.3055	Ave		1.327 9				5.6		30.0			
cis-1,3-Dichloropropene	++++ 1.2178	1.4198 1.2335	1.3117 1.2381	1.2154	1.2462	Ave		1.268 9				5.8		30.0			
methyl isobutyl ketone	++++ 1.8662	++++ 1.9729	1.9155 1.8962	1.9218	1.9654	Ave		1.923 0				2.1		30.0			
Toluene	++++ 1.4359	1.7825 1.4466	1.6067 1.4436	1.4539	1.4689	Ave		1.519 7				8.6		30.0			
n-Octane	++++ 2.0711	2.6944 2.1898	2.4068 2.0708	2.1841	2.2141	Ave		2.261 6				9.8		30.0			
trans-1,3-Dichloropropene	++++ 1.0718	1.1420 1.0920	1.0969 1.0973	1.0569	1.1002	Ave		1.093 9				2.4		30.0			
1,1,2-Trichloroethane	++++ 0.7260	0.9069 0.7357	0.8006 0.7345	0.7355	0.7445	Ave		0.769 1				8.5		30.0			
Tetrachloroethene	1.3822 1.0180	1.3205 1.0297	1.1603 1.0269	1.0377	1.0404	Ave		1.126 9				13.0		30.0			
Methyl Butyl Ketone (2-Hexanone)	++++ 1.9536	++++ 2.0572	1.8771 1.9754	1.9910	2.0725	Ave		1.987 8				3.6		30.0			
Dibromochloromethane	++++ 1.2664	1.3329 1.2828	1.2473 1.2833	1.2453	1.2909	Ave		1.278 4				2.3		30.0			
1,2-Dibromoethane	++++ 1.1820	1.3397 1.1909	1.2472 1.1884	1.1749	1.2067	Ave		1.218 5				4.8		30.0			
Chlorobenzene	++++ 1.7937	2.2997 1.8088	2.0600 1.7870	1.8305	1.8444	Ave		1.917 7				10.1		30.0			
Ethylbenzene	++++ 3.2282	4.0040 3.2612	3.5905 3.2071	3.2657	3.3089	Ave		3.409 4				8.6		30.0			
n-Nonane	++++ 2.0134	2.3768 2.0982	2.2162 1.8815	2.0570	2.1012	Ave		2.106 3				7.4		30.0			
m,p-Xylene	++++ 1.2279	1.4342 1.2568	1.3178 1.2293	1.2184	1.2524	Ave		1.276 7				6.0		30.0			
Xylene, o-	++++ 1.1626	1.3508 1.1819	1.2505 1.1868	1.1599	1.1904	Ave		1.211 8				5.6		30.0			
Styrene	++++ 1.9156	1.8937 1.9580	1.8146 1.9751	1.8441	1.9387	Ave		1.905 7				3.1		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65667-1 Analy Batch No.: 185405

SDG No.: _____

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

Calibration Start Date: 11/03/2022 17:33 Calibration End Date: 11/04/2022 01:38 Calibration ID: 49368

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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	+++++ 1.2582	1.1353 1.2847	1.1154 1.2893	1.2121	1.2886	Ave		1.226 2				6.1		30.0			
Cumene	+++++ 3.4447	4.1678 3.5105	3.8015 3.4321	3.4722	3.5599	Ave		3.626 9				7.4		30.0			
1,1,2,2-Tetrachloroethane	+++++ 1.9145	2.2257 1.9517	2.0656 1.8907	1.9372	1.9831	Ave		1.995 5				5.8		30.0			
1,2,3-Trichloropropane	+++++ 1.6203	+++++ 1.6562	1.8199 1.6203	1.6462	1.6760	Ave		1.673 2				4.5		30.0			
n-Propylbenzene	+++++ 4.4542	5.4211 4.5426	4.8562 4.3242	4.5020	4.6080	Ave		4.672 6				7.9		30.0			
2-Chlorotoluene	+++++ 3.1150	3.6410 3.1963	3.2740 3.1216	3.0980	3.1890	Ave		3.233 6				5.9		30.0			
4-Ethyltoluene	+++++ 3.5640	4.1446 3.6564	3.7667 3.5580	3.5655	3.6637	Ave		3.702 7				5.6		30.0			
n-Decane	+++++ 2.6130	+++++ 2.7192	2.8212 2.5638	2.6695	2.7351	Ave		2.687 0				3.4		30.0			
1,3,5-Trimethylbenzene	+++++ 2.9476	3.4001 3.0041	3.0793 2.9696	2.9246	3.0195	Ave		3.049 2				5.3		30.0			
Alpha Methyl Styrene	+++++ 1.4789	1.4231 1.5096	1.3250 1.5270	1.4295	1.4890	Ave		1.454 6				4.7		30.0			
tert-Butylbenzene	+++++ 2.7250	3.2111 2.7937	2.8962 2.7396	2.7480	2.8133	Ave		2.846 7				6.0		30.0			
1,2,4-Trimethylbenzene	+++++ 2.9509	3.4668 3.0279	3.0867 2.9466	2.9640	3.0472	Ave		3.070 0				6.0		30.0			
sec-Butylbenzene	+++++ 4.3692	5.2232 4.4857	4.6108 4.2121	4.4457	4.5419	Ave		4.555 5				7.0		30.0			
1,3-Dichlorobenzene	+++++ 1.9185	2.2518 1.9866	2.0075 1.9192	1.9055	1.9755	Ave		1.994 9				6.0		30.0			
4-Isopropyltoluene	+++++ 3.6209	4.1633 3.7426	3.6500 3.4888	3.6070	3.7328	Ave		3.715 1				5.8		30.0			
1,4-Dichlorobenzene	+++++ 1.8554	2.3481 1.9063	1.9814 1.8917	1.8809	1.9372	Ave		1.971 6				8.7		30.0			
Benzyl chloride	+++++ 2.9832	3.0867 3.0516	2.8954 2.8627	2.9365	3.1266	Ave		2.991 8				3.3		30.0			
n-Butylbenzene	+++++ 3.7671	4.2975 3.8839	3.8937 3.5976	3.8219	3.9252	Ave		3.883 8				5.5		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65667-1 Analy Batch No.: 185405

SDG No.: _____

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

Calibration Start Date: 11/03/2022 17:33 Calibration End Date: 11/04/2022 01:38 Calibration ID: 49368

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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	+++++ 1.8070	2.3088 1.8662	1.8899 1.8183	1.8153	1.8739	Ave		1.911 3				9.3		30.0			
n-Undecane	+++++ 2.9599	+++++ 3.0737	+++++ 2.6928	3.0372	3.1013	Ave		2.973 0				5.6		30.0			
n-Dodecane	+++++ 2.8191	+++++ 2.6833	+++++ 2.6614	2.7709	2.8746	Ave		2.761 9				3.3		30.0			
1,2,4-Trichlorobenzene	+++++ 1.5921	+++++ 1.6201	1.3169 1.6696	1.5447	1.6221	Ave		1.560 9				8.1		30.0			
Hexachlorobutadiene	+++++ 1.5191	1.7381 1.5594	1.5349 1.5880	1.5056	1.5445	Ave		1.569 9				5.0		30.0			
Naphthalene	+++++ 3.5167	+++++ 3.5009	2.6106 3.5458	3.3217	3.5495	Ave		3.340 9				11.0		30.0			
1,2,3-Trichlorobenzene	+++++ 1.2692	+++++ 1.2505	0.9296 1.3450	1.2072	1.2616	Ave		1.210 5				12.0		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Burlington Job No.: 200-65667-1 Analy Batch No.: 185405

SDG No.: _____

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

Calibration Start Date: 11/03/2022 17:33 Calibration End Date: 11/04/2022 01:38 Calibration ID: 49368

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-185405/4	53185-004.D
Level 2	IC 200-185405/5	53185-005.D
Level 3	IC 200-185405/6	53185-006.D
Level 4	IC 200-185405/7	53185-007.D
Level 5	ICIS 200-185405/8	53185-008.D
Level 6	IC 200-185405/9	53185-009.D
Level 7	IC 200-185405/12	53185-012.D
Level 8	IC 200-185405/13	53185-013.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	++++ 443843	++++ 583306	++++ 1131196	146624	298491	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
Dichlorodifluoromethane	BCM	Ave	++++ 1163695	++++ 1472987	++++ 2893547	365497	758947	++++ 15.0	++++ 20.0	++++ 0.500 40.0	4.99	10.00
Freon 22	BCM	Ave	++++ 821252	++++ 1054626	++++ 2091530	265760	542933	++++ 15.0	++++ 20.0	++++ 0.500 40.0	4.99	10.00
1,2-Dichlorotetrafluoroethane	BCM	Ave	++++ 1235419	++++ 19711 1560948	++++ 44020 3131576	386589	803355	++++ 15.0	++++ 0.200 20.0	++++ 0.500 40.0	4.99	10.00
Chloromethane	BCM	Ave	++++ 471147	++++ 611269	++++ 18038 1213650	153624	312205	++++ 15.0	++++ 20.0	++++ 0.500 40.0	4.99	10.00
n-Butane	BCM	Ave	++++ 695855	++++ 907266	++++ 27237 1756442	229671	463959	++++ 15.0	++++ 20.0	++++ 0.500 40.0	4.99	10.00
Vinyl chloride	BCM	Ave	1538 461706	7352 589951	16979 1170773	146319	300821	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Butadiene	BCM	Ave	981 348482	5391 453949	12726 901574	109394	228916	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromomethane	BCM	Ave	++++ 373186	++++ 6350 476769	++++ 13742 942810	118421	242744	++++ 15.0	++++ 0.200 20.0	++++ 0.500 40.0	4.99	10.00
Chloroethane	BCM	Ave	++++ 246180	++++ 315476	++++ 8957 642874	77622	159343	++++ 15.0	++++ 20.0	++++ 0.500 40.0	4.99	10.00
Isopentane	BCM	Ave	++++ 599902	++++ 10237 783006	++++ 23036 1531176	195142	400593	++++ 15.0	++++ 0.200 20.0	++++ 0.500 40.0	4.99	10.00
Bromoethene (Vinyl Bromide)	BCM	Ave	++++ 434695	++++ 6907 547597	++++ 14967 1144582	132729	276840	++++ 15.0	++++ 0.200 20.0	++++ 0.500 40.0	4.99	10.00
Trichlorofluoromethane	BCM	Ave	++++ 1088568	++++ 17293 1387448	++++ 39066 2843859	341674	701745	++++ 15.0	++++ 0.200 20.0	++++ 0.500 40.0	4.99	10.00
n-Pentane	BCM	Ave	++++ 890439	++++ 1169990	++++ 34277 2292442	292764	593241	++++ 15.0	++++ 20.0	++++ 0.500 40.0	4.99	10.00
Ethanol	BCM	Ave	++++ 229537	++++ 606294	++++ 76896 1219371	141016	275186	++++ 20.0	++++ 40.0	++++ 5.01 80.0	9.99	15.0

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

Lab Name: Eurofins Burlington Job No.: 200-65667-1 Analy Batch No.: 185405

SDG No.: _____

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

Calibration Start Date: 11/03/2022 17:33 Calibration End Date: 11/04/2022 01:38 Calibration ID: 49368

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	+++++ 345644	4984 444129	12319 904308	108567	225163	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrolein	BCM	Ave	+++++ 217204	+++++ 281365	+++++ 533973	66233	141207	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Freon TF	BCM	Ave	+++++ 941648	14943 1196887	33672 2424175	294060	608570	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethene	BCM	Ave	1501 453929	7079 577327	15934 1168099	140564	291935	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetone	BCM	Ave	+++++ 775492	+++++ 1066147	+++++ 2147477	247730	562270	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Carbon disulfide	BCM	Ave	+++++ 1390817	+++++ 1792772	49332 3636000	437393	907636	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Isopropyl alcohol	BCM	Ave	+++++ 870339	+++++ 1132644	+++++ 2287348	277056	599248	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
3-Chloropropene	BCM	Ave	+++++ 715382	11942 987701	25512 2002386	225650	487358	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acetonitrile	BCM	Ave	+++++ 417179	+++++ 505812	+++++ 970629	136773	265723	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Methylene Chloride	BCM	Ave	+++++ 595899	+++++ 784554	23232 1545445	195563	397901	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
tert-Butyl alcohol	BCM	Ave	+++++ 1032870	+++++ 1320232	+++++ 2671596	322303	681663	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
trans-1,2-Dichloroethene	BCM	Ave	2381 751074	11523 972653	27060 1917521	240406	496742	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl tert-butyl ether	BCM	Ave	+++++ 1411628	21859 1810126	50006 3657212	441353	916994	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Acrylonitrile	BCM	Ave	+++++ 380407	+++++ 505583	12577 1024122	118955	249128	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
n-Hexane	BCM	Ave	+++++ 805598	13257 1045851	29099 2074048	256146	529382	+++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1-Dichloroethane	BCM	Ave	2975 920104	14701 1194940	33067 2389677	293336	603517	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Vinyl acetate	BCM	Ave	+++++ 1408851	+++++ 1858516	+++++ 3690658	441239	930280	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
cis-1,2-Dichloroethene	BCM	Ave	1704 528335	7822 670572	18389 1390480	161478	338294	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl Ethyl Ketone	BCM	Ave	+++++ 270773	+++++ 365273	9960 758044	81529	191816	+++++ 15.0	+++++ 20.0	0.500 40.0	4.99	10.00
Ethyl acetate	BCM	Ave	+++++ 45270	+++++ 56405	+++++ 120026	13112	28490	+++++ 15.0	+++++ 20.0	+++++ 40.0	4.99	10.00
Tetrahydrofuran	DFBZ	Ave	+++++	+++++	+++++	231713	475306	+++++	+++++	+++++	4.99	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-65667-1 Analy Batch No.: 185405

SDG No.: _____

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

Calibration Start Date: 11/03/2022 17:33 Calibration End Date: 11/04/2022 01:38 Calibration ID: 49368

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
			716481	949579	1855142			15.0	20.0	40.0		
Chloroform	BCM	Ave	++++ 1100584	17021 1404895	39237 2892600	341609	708160	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,1,1-Trichloroethane	DFBZ	Ave	++++ 1085577	16561 1382829	37737 2861861	334510	693426	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Cyclohexane	DFBZ	Ave	++++ 765785	11895 970739	26258 2019573	232752	486660	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Carbon tetrachloride	DFBZ	Ave	2530 1078931	15030 1365303	34426 2887683	323541	686622	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzene	DFBZ	Ave	++++ 1909484	30212 2405398	65608 5016552	577449	1209221	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2,2,4-Trimethylpentane	DFBZ	Ave	++++ 3360468	51954 4311964	116900 8674773	1046269	2175048	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2-Dichloroethane	DFBZ	Ave	++++ 819077	12042 1056150	28432 2181152	253499	525618	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Heptane	DFBZ	Ave	++++ 1423149	23357 1863604	51022 3678797	450557	938477	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Trichloroethene	DFBZ	Ave	2580 794268	11591 992012	26399 2177107	234470	492277	0.0351 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Butanol	DFBZ	Ave	++++ 459059	++++ 611576	++++ 1323442	131442	344513	++++ 15.0	++++ 20.0	++++ 40.0	4.99	10.00
1,2-Dichloropropane	DFBZ	Ave	++++ 817243	12057 1032208	27474 2194828	245146	516915	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Dibromomethane	DFBZ	Ave	++++ 639598	9651 806086	21052 1767884	188504	400727	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Methyl methacrylate	DFBZ	Ave	++++ 761028	++++ 973917	21576 2099777	212568	469114	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,4-Dioxane	DFBZ	Ave	++++ 363441	4684 446892	10550 1003785	107230	241086	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Bromodichloromethane	DFBZ	Ave	++++ 1385922	19032 1742232	43709 3771511	403585	863304	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
cis-1,3-Dichloropropene	DFBZ	Ave	++++ 1328585	18284 1653855	41848 3591039	385723	824073	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
methyl isobutyl ketone	DFBZ	Ave	++++ 2035935	++++ 2645182	61113 5499838	609928	1299657	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
Toluene	CBNzd 5	Ave	++++ 1397042	20122 1743588	45168 3818134	409082	869522	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Octane	DFBZ	Ave	++++ 2259512	34698 2936025	76788 6006226	693143	1464086	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
trans-1,3-Dichloropropene	DFBZ	Ave	++++	14706	34997	335434	727548	++++	0.200	0.500	4.99	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-65667-1 Analy Batch No.: 185405

SDG No.: _____

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

Calibration Start Date: 11/03/2022 17:33 Calibration End Date: 11/04/2022 01:38 Calibration ID: 49368

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
			1169288	1464168	3182525			15.0	20.0	40.0		
1,1,2-Trichloroethane	CBNZd 5	Ave	++++	10237	22507	206957	440710	++++	0.200	0.500	4.99	10.00
			706331	886720	1942532			15.0	20.0	40.0		
Tetrachloroethene	CBNZd 5	Ave	2911	14906	32618	291974	615907	0.0351	0.200	0.500	4.99	10.00
			990456	1241053	2715907			15.0	20.0	40.0		
Methyl Butyl Ketone (2-Hexanone)	CBNZd 5	Ave	++++	++++	52767	560214	1226863	++++	++++	0.500	4.99	10.00
			1900770	2479471	5224566			15.0	20.0	40.0		
Dibromochloromethane	CBNZd 5	Ave	++++	15047	35063	350376	764163	++++	0.200	0.500	4.99	10.00
			1232155	1546153	3394176			15.0	20.0	40.0		
1,2-Dibromoethane	CBNZd 5	Ave	++++	15123	35061	330566	714306	++++	0.200	0.500	4.99	10.00
			1150046	1435333	3143258			15.0	20.0	40.0		
Chlorobenzene	CBNZd 5	Ave	++++	25960	57910	515043	1091838	++++	0.200	0.500	4.99	10.00
			1745191	2180072	4726431			15.0	20.0	40.0		
Ethylbenzene	CBNZd 5	Ave	++++	45199	100934	918878	1958789	++++	0.200	0.500	4.99	10.00
			3140964	3930694	8482251			15.0	20.0	40.0		
n-Nonane	CBNZd 5	Ave	++++	26831	62301	578788	1243836	++++	0.200	0.500	4.99	10.00
			1958998	2528874	4976289			15.0	20.0	40.0		
m,p-Xylene	CBNZd 5	Ave	++++	32379	74090	685631	1482776	++++	0.401	1.00	9.99	20.0
			2389520	3029522	6502390			30.0	40.0	80.0		
Xylene, o-	CBNZd 5	Ave	++++	15248	35153	326346	704667	++++	0.200	0.500	4.99	10.00
			1131212	1424550	3138972			15.0	20.0	40.0		
Styrene	CBNZd 5	Ave	++++	21377	51010	518875	1147669	++++	0.200	0.500	4.99	10.00
			1863801	2359916	5223908			15.0	20.0	40.0		
Bromoform	CBNZd 5	Ave	++++	12816	31355	341051	762795	++++	0.200	0.500	4.99	10.00
			1224161	1548472	3409901			15.0	20.0	40.0		
Cumene	CBNZd 5	Ave	++++	47048	106866	976965	2107367	++++	0.200	0.500	4.99	10.00
			3351550	4231056	9077370			15.0	20.0	40.0		
1,1,2,2-Tetrachloroethane	CBNZd 5	Ave	++++	25125	58067	545055	1173922	++++	0.200	0.500	4.99	10.00
			1862790	2352351	5000504			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.: 200-65667-1 Analy Batch No.: 185405

SDG No.: _____

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

Calibration Start Date: 11/03/2022 17:33 Calibration End Date: 11/04/2022 01:38 Calibration ID: 49368

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	++++ 1576535	++++ 1996155	51161 4285477	463202	992144	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
n-Propylbenzene	CBNZd 5	Ave	++++ 4333855	61196 5475092	136515 11436729	1266711	2727836	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
2-Chlorotoluene	CBNZd 5	Ave	++++ 3030798	41102 3852401	92038 8256044	871686	1887777	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Ethyltoluene	CBNZd 5	Ave	++++ 3467656	46786 4406975	105888 9410274	1003210	2168801	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
n-Decane	CBNZd 5	Ave	++++ 2542329	++++ 3277358	79307 6780918	751112	1619099	++++ 15.0	++++ 20.0	0.500 40.0	4.99	10.00
1,3,5-Trimethylbenzene	CBNZd 5	Ave	++++ 2867908	38382 3620737	86563 7854070	822876	1787488	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Alpha Methyl Styrene	CBNZd 5	Ave	++++ 1438948	16065 1819484	37247 4038772	402217	881469	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
tert-Butylbenzene	CBNZd 5	Ave	++++ 2651366	36249 3367121	81417 7245938	773213	1665422	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,2,4-Trimethylbenzene	CBNZd 5	Ave	++++ 2871145	39135 3649393	86771 7793228	833984	1803881	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
sec-Butylbenzene	CBNZd 5	Ave	++++ 4251149	58962 5406458	129617 11140325	1250888	2688679	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,3-Dichlorobenzene	CBNZd 5	Ave	++++ 1866621	25419 2394389	56434 5076090	536156	1169469	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
4-Isopropyltoluene	CBNZd 5	Ave	++++ 3522998	46998 4510850	102607 9227407	1014892	2209702	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
1,4-Dichlorobenzene	CBNZd 5	Ave	++++ 1805213	26506 2297625	55700 5003270	529232	1146757	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00
Benzyl chloride	CBNZd 5	Ave	++++ 2902559	34844 3677997	81395 7571384	826237	1850876	++++ 15.0	0.200 20.0	0.500 40.0	4.99	10.00

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

Lab Name: Eurofins Burlington Job No.: 200-65667-1 Analy Batch No.: 185405

SDG No.: _____

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

Calibration Start Date: 11/03/2022 17:33 Calibration End Date: 11/04/2022 01:38 Calibration ID: 49368

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Butylbenzene	CBNZd 5	Ave	+++++	48512	109459	1075367	2323594	+++++	0.200	0.500	4.99	10.00
			3665295	4681163	9515151			15.0	20.0	40.0		
1,2-Dichlorobenzene	CBNZd 5	Ave	+++++	26063	53128	510776	1109305	+++++	0.200	0.500	4.99	10.00
			1758175	2249221	4809011			15.0	20.0	40.0		
n-Undecane	CBNZd 5	Ave	+++++	+++++	+++++	854563	1835869	+++++	+++++	+++++	4.99	10.00
			2879912	3704644	7122163			15.0	20.0	40.0		
n-Dodecane	CBNZd 5	Ave	+++++	+++++	+++++	779636	1701681	+++++	+++++	+++++	4.99	10.00
			2742904	3234074	7039088			15.0	20.0	40.0		
1,2,4-Trichlorobenzene	CBNZd 5	Ave	+++++	+++++	37021	434636	960259	+++++	+++++	0.500	4.99	10.00
			1549091	1952647	4415886			15.0	20.0	40.0		
Hexachlorobutadiene	CBNZd 5	Ave	+++++	19620	43148	423615	914299	+++++	0.200	0.500	4.99	10.00
			1478009	1879563	4199899			15.0	20.0	40.0		
Naphthalene	CBNZd 5	Ave	+++++	+++++	73389	934615	2101225	+++++	+++++	0.500	4.99	10.00
			3421638	4219544	9378025			15.0	20.0	40.0		
1,2,3-Trichlorobenzene	CBNZd 5	Ave	+++++	+++++	26132	339654	746844	+++++	+++++	0.500	4.99	10.00
			1234930	1507246	3557324			15.0	20.0	40.0		

Curve Type Legend:

Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65610-1

SDG No.: _____

Lab Sample ID: ICV 200-184848/22 Calibration Date: 10/20/2022 09:38

Instrument ID: CHW.i Calib Start Date: 10/19/2022 17:30

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/20/2022 08:22

Lab File ID: 52933-022.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	6.565	6.882		10.5	10.0	4.8	30.0
1,2-Dichlorotetrafluoroethane	Ave	5.866	5.753		9.81	10.0	-1.9	30.0
Chloromethane	Ave	1.246	1.246		10.0	10.0	-0.0	30.0
Vinyl chloride	Ave	1.269	1.509		11.9	10.0	18.9	30.0
1,3-Butadiene	Ave	0.8822	1.032		11.7	10.0	16.9	30.0
Bromomethane	Ave	1.976	1.646		8.33	10.0	-16.7	30.0
Chloroethane	Ave	0.9020	0.7506		8.32	10.0	-16.8	30.0
Vinyl bromide	Ave	1.879	1.651		8.79	10.0	-12.1	30.0
Trichlorofluoromethane	Ave	7.401	6.722		9.08	10.0	-9.2	30.0
Ethanol	Ave	0.5009	0.5580		16.4	14.7	11.4	30.0
1,1-Dichloroethene	Ave	1.774	1.516		8.54	10.0	-14.5	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	3.988	3.666		9.19	10.0	-8.1	30.0
Acetone	Ave	2.724	2.830		10.4	10.0	3.9	30.0
Isopropanol	Ave	2.241	2.277		10.2	10.0	1.6	30.0
Carbon disulfide	Ave	3.840	3.657		9.52	10.0	-4.8	30.0
Allyl chloride	Ave	1.689	1.570		9.29	10.0	-7.0	30.0
Methylene Chloride	Ave	1.649	1.549		9.40	10.0	-6.0	30.0
tert-Butyl alcohol	Ave	3.354	3.466		10.3	10.0	3.4	30.0
1,2-Dichloroethene, trans-	Ave	2.417	2.245		9.29	10.0	-7.1	30.0
Methyl tert-butyl ether	Ave	5.279	5.267		9.98	10.0	-0.2	30.0
Hexane	Ave	1.848	1.813		9.81	10.0	-1.9	30.0
1,1-Dichloroethane	Ave	2.735	2.588		9.46	10.0	-5.4	30.0
Methyl ethyl ketone (MEK)	Ave	0.6303	0.7023		11.1	10.0	11.4	30.0
1,2-Dichloroethene, cis-	Ave	1.592	1.482		9.31	10.0	-6.9	30.0
Tetrahydrofuran	Ave	0.2345	0.2162		9.22	10.0	-7.8	30.0
Chloroform	Ave	4.063	3.885		9.56	10.0	-4.4	30.0
1,1,1-Trichloroethane	Ave	1.042	0.9652		9.26	10.0	-7.4	30.0
Cyclohexane	Ave	0.3901	0.3652		9.36	10.0	-6.4	30.0
Carbon tetrachloride	Ave	1.204	1.086		9.02	10.0	-9.8	30.0
Benzene	Ave	0.8618	0.8117		9.42	10.0	-5.8	30.0
1,2-Dichloroethane	Ave	0.6874	0.6363		9.25	10.0	-7.4	30.0
2,2,4-Trimethylpentane	Ave	1.229	1.160		9.44	10.0	-5.6	30.0
n-Heptane	Ave	0.4325	0.4112		9.51	10.0	-4.9	30.0
Trichloroethene	Ave	0.4993	0.4579		9.17	10.0	-8.3	30.0
1,2-Dichloropropane	Ave	0.2813	0.2658		9.45	10.0	-5.5	30.0
Methyl methacrylate	Ave	0.2719	0.2759		10.1	10.0	1.5	30.0
1,4-Dioxane	Ave	0.1603	0.1656		10.3	10.0	3.3	30.0
Bromodichloromethane	Ave	0.8574	0.8366		9.76	10.0	-2.4	30.0
1,3-Dichloropropene, cis-	Ave	0.5667	0.5788		10.2	10.0	2.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65610-1
 SDG No.: _____
 Lab Sample ID: ICV 200-184848/22 Calibration Date: 10/20/2022 09:38
 Instrument ID: CHW.i Calib Start Date: 10/19/2022 17:30
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/20/2022 08:22
 Lab File ID: 52933-022.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	0.5778	0.5855		10.1	10.0	1.3	30.0
Toluene	Ave	0.7780	0.7622		9.80	10.0	-2.0	30.0
1,3-Dichloropropene, trans-	Ave	0.5700	0.5826		10.2	10.0	2.2	30.0
1,1,2-Trichloroethane	Ave	0.3480	0.3331		9.57	10.0	-4.3	30.0
Tetrachloroethene	Ave	0.8689	0.7452		8.57	10.0	-14.2	30.0
2-Hexanone	Ave	0.6250	0.6348		10.2	10.0	1.6	30.0
Dibromochloromethane	Ave	1.052	1.004		9.54	10.0	-4.6	30.0
1,2-Dibromoethane	Ave	0.6877	0.6781		9.86	10.0	-1.4	30.0
Chlorobenzene	Ave	1.124	1.073		9.55	10.0	-4.5	30.0
Ethylbenzene	Ave	1.880	1.873		9.96	10.0	-0.4	30.0
m,p-Xylene	Ave	0.6950	0.6958		20.0	20.0	0.1	30.0
Xylene, o-	Ave	0.6766	0.6663		9.85	10.0	-1.5	30.0
Styrene	Ave	0.9897	1.050		10.6	10.0	6.1	30.0
Bromoform	Ave	0.9646	0.9684		10.0	10.0	0.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8560	0.8240		9.62	10.0	-3.7	30.0
2-Chlorotoluene	Ave	1.643	1.648		10.0	10.0	0.3	30.0
4-Ethyltoluene	Ave	2.126	2.212		10.4	10.0	4.0	30.0
1,3,5-Trimethylbenzene	Ave	2.035	2.035		10.0	10.0	0.0	30.0
1,2,4-Trimethylbenzene	Ave	2.008	2.011		10.0	10.0	0.1	30.0
1,3-Dichlorobenzene	Ave	1.059	1.112		10.5	10.0	5.0	30.0
1,4-Dichlorobenzene	Ave	0.9730	1.044		10.7	10.0	7.3	30.0
1,2-Dichlorobenzene	Ave	1.120	1.117		9.97	10.0	-0.2	30.0
1,2,4-Trichlorobenzene	Ave	0.5943	0.6071		10.2	10.0	2.2	30.0
Hexachlorobutadiene	Ave	1.106	0.9712		8.78	10.0	-12.2	30.0
Naphthalene	Ave	1.461	1.523		10.4	10.0	4.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65610-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-185431/2 Calibration Date: 11/04/2022 08:10
 Instrument ID: CHW.i Calib Start Date: 10/19/2022 17:30
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/20/2022 08:22
 Lab File ID: 53193-002.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	6.565	7.024		10.7	10.0	7.0	30.0
1,2-Dichlorotetrafluoroethane	Ave	5.866	5.859		9.99	10.0	-0.1	30.0
Chloromethane	Ave	1.246	1.132		9.09	10.0	-9.1	30.0
Vinyl chloride	Ave	1.269	1.440		11.3	10.0	13.5	30.0
1,3-Butadiene	Ave	0.8822	0.9635		10.9	10.0	9.2	30.0
Bromomethane	Ave	1.976	1.547		7.83	10.0	-21.7	30.0
Chloroethane	Ave	0.9020	0.6811		7.55	10.0	-24.5	30.0
Vinyl bromide	Ave	1.879	1.540		8.19	10.0	-18.1	30.0
Trichlorofluoromethane	Ave	7.401	7.137		9.64	10.0	-3.6	30.0
Ethanol	Ave	0.5009	0.3759		11.3	15.0	-25.0	30.0
1,1-Dichloroethene	Ave	1.774	1.487		8.38	10.0	-16.2	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	3.988	3.804		9.54	10.0	-4.6	30.0
Acetone	Ave	2.724	2.487		9.13	10.0	-8.7	30.0
Isopropanol	Ave	2.241	1.759		7.85	10.0	-21.5	30.0
Carbon disulfide	Ave	3.840	3.446		8.97	10.0	-10.2	30.0
Allyl chloride	Ave	1.689	1.448		8.57	10.0	-14.3	30.0
Methylene Chloride	Ave	1.649	1.546		9.38	10.0	-6.2	30.0
tert-Butyl alcohol	Ave	3.354	3.160		9.42	10.0	-5.8	30.0
1,2-Dichloroethene, trans-	Ave	2.417	2.143		8.86	10.0	-11.3	30.0
Methyl tert-butyl ether	Ave	5.279	5.121		9.70	10.0	-3.0	30.0
Hexane	Ave	1.848	1.600		8.66	10.0	-13.4	30.0
1,1-Dichloroethane	Ave	2.735	2.442		8.92	10.0	-10.7	30.0
Methyl ethyl ketone (MEK)	Ave	0.6303	0.5655		8.97	10.0	-10.3	30.0
1,2-Dichloroethene, cis-	Ave	1.592	1.381		8.67	10.0	-13.3	30.0
Tetrahydrofuran	Ave	0.2345	0.1926		8.21	10.0	-17.9	30.0
Chloroform	Ave	4.063	3.875		9.54	10.0	-4.6	30.0
1,1,1-Trichloroethane	Ave	1.042	1.015		9.74	10.0	-2.5	30.0
Cyclohexane	Ave	0.3901	0.3414		8.75	10.0	-12.5	30.0
Carbon tetrachloride	Ave	1.204	1.148		9.53	10.0	-4.6	30.0
Benzene	Ave	0.8618	0.7831		9.08	10.0	-9.1	30.0
1,2-Dichloroethane	Ave	0.6874	0.6673		9.71	10.0	-2.9	30.0
2,2,4-Trimethylpentane	Ave	1.229	1.025		8.34	10.0	-16.6	30.0
n-Heptane	Ave	0.4325	0.3677		8.50	10.0	-15.0	30.0
Trichloroethene	Ave	0.4993	0.4574		9.16	10.0	-8.4	30.0
1,2-Dichloropropane	Ave	0.2813	0.2504		8.90	10.0	-11.0	30.0
Methyl methacrylate	Ave	0.2719	0.2564		9.43	10.0	-5.7	30.0
1,4-Dioxane	Ave	0.1603	0.1527		9.53	10.0	-4.7	30.0
Bromodichloromethane	Ave	0.8574	0.8282		9.66	10.0	-3.4	30.0
1,3-Dichloropropene, cis-	Ave	0.5667	0.5127		9.04	10.0	-9.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65610-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-185431/2 Calibration Date: 11/04/2022 08:10
 Instrument ID: CHW.i Calib Start Date: 10/19/2022 17:30
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 10/20/2022 08:22
 Lab File ID: 53193-002.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	0.5778	0.5578		9.65	10.0	-3.5	30.0
Toluene	Ave	0.7780	0.7539		9.69	10.0	-3.1	30.0
1,3-Dichloropropene, trans-	Ave	0.5700	0.5562		9.75	10.0	-2.4	30.0
1,1,2-Trichloroethane	Ave	0.3480	0.3241		9.31	10.0	-6.9	30.0
Tetrachloroethene	Ave	0.8689	0.7778		8.95	10.0	-10.5	30.0
2-Hexanone	Ave	0.6250	0.6033		9.65	10.0	-3.5	30.0
Dibromochloromethane	Ave	1.052	1.034		9.83	10.0	-1.7	30.0
1,2-Dibromoethane	Ave	0.6877	0.6551		9.52	10.0	-4.7	30.0
Chlorobenzene	Ave	1.124	1.057		9.40	10.0	-5.9	30.0
Ethylbenzene	Ave	1.880	1.867		9.93	10.0	-0.7	30.0
m,p-Xylene	Ave	0.6950	0.7030		20.2	20.0	1.1	30.0
Xylene, o-	Ave	0.6766	0.6892		10.2	10.0	1.9	30.0
Styrene	Ave	0.9897	1.067		10.8	10.0	7.8	30.0
Bromoform	Ave	0.9646	1.013		10.5	10.0	5.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8560	0.7970		9.31	10.0	-6.9	30.0
2-Chlorotoluene	Ave	1.643	1.652		10.1	10.0	0.5	30.0
4-Ethyltoluene	Ave	2.126	2.197		10.3	10.0	3.3	30.0
1,3,5-Trimethylbenzene	Ave	2.035	2.091		10.3	10.0	2.7	30.0
1,2,4-Trimethylbenzene	Ave	2.008	2.066		10.3	10.0	2.9	30.0
1,3-Dichlorobenzene	Ave	1.059	1.146		10.8	10.0	8.2	30.0
1,4-Dichlorobenzene	Ave	0.9730	1.059		10.9	10.0	8.9	30.0
1,2-Dichlorobenzene	Ave	1.120	1.168		10.4	10.0	4.3	30.0
1,2,4-Trichlorobenzene	Ave	0.5943	0.5296		8.91	10.0	-10.9	30.0
Hexachlorobutadiene	Ave	1.106	0.9462		8.55	10.0	-14.5	30.0
Naphthalene	Ave	1.461	1.424		9.74	10.0	-2.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65667-1

SDG No.: _____

Lab Sample ID: ICV 200-185405/16 Calibration Date: 11/04/2022 04:20

Instrument ID: CHC.i Calib Start Date: 11/03/2022 17:33

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/04/2022 01:38

Lab File ID: 53185-016.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	2.297	2.489		10.8	10.0	8.3	30.0
Dichlorodifluoromethane	Ave	6.056	6.375		10.5	10.0	5.3	30.0
Freon 22	Ave	4.369	4.600		10.5	10.0	5.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	6.656	6.749		10.1	10.0	1.4	30.0
Chloromethane	Ave	2.518	2.694		10.7	10.0	7.0	30.0
n-Butane	Ave	3.739	4.043		10.8	10.0	8.1	30.0
Vinyl chloride	Ave	2.623	2.626		10.0	10.0	0.1	30.0
1,3-Butadiene	Ave	1.928	1.904		9.88	10.0	-1.2	30.0
Bromomethane	Ave	2.051	2.093		10.2	10.0	2.1	30.0
Chloroethane	Ave	1.290	1.373		10.6	10.0	6.4	30.0
Isopentane	Ave	3.358	3.492		10.4	10.0	4.0	30.0
Bromoethene (Vinyl Bromide)	Ave	2.324	2.298		9.89	10.0	-1.1	30.0
Trichlorofluoromethane	Ave	5.891	5.927		10.1	10.0	0.6	30.0
n-Pentane	Ave	4.785	5.382		11.2	10.0	12.5	30.0
Ethanol	Ave	1.187	1.132		14.0	14.7	-4.7	30.0
Ethyl ether	Ave	1.844	1.921		10.4	10.0	4.2	30.0
Acrolein	Ave	1.087	0.9683		8.90	10.0	-10.9	30.0
Freon TF	Ave	5.079	5.441		10.7	10.0	7.1	30.0
1,1-Dichloroethene	Ave	2.544	2.591		10.2	10.0	1.8	30.0
Acetone	Ave	4.152	4.462		10.7	10.0	7.5	30.0
Carbon disulfide	Ave	7.270	8.056		11.1	10.0	10.8	30.0
Isopropyl alcohol	Ave	4.508	4.448		9.86	10.0	-1.3	30.0
3-Chloropropene	Ave	4.014	4.013		10.0	10.0	-0.0	30.0
Acetonitrile	Ave	2.063	2.542		12.3	10.0	23.2	30.0
Methylene Chloride	Ave	3.215	3.577		11.1	10.0	11.3	30.0
tert-Butyl alcohol	Ave	5.246	5.637		10.7	10.0	7.4	30.0
trans-1,2-Dichloroethene	Ave	4.221	4.326		10.2	10.0	2.5	30.0
Methyl tert-butyl ether	Ave	7.593	7.937		10.5	10.0	4.5	30.0
Acrylonitrile	Ave	1.982	2.208		11.1	10.0	11.4	30.0
n-Hexane	Ave	4.414	4.609		10.4	10.0	4.4	30.0
1,1-Dichloroethane	Ave	5.219	5.346		10.2	10.0	2.4	30.0
Vinyl acetate	Ave	7.225	6.003		8.31	10.0	-16.9	30.0
cis-1,2-Dichloroethene	Ave	2.925	2.968		10.1	10.0	1.5	30.0
Methyl Ethyl Ketone	Ave	1.462	1.468		10.0	10.0	0.4	30.0
Ethyl acetate	Ave	0.2242	0.2472		11.0	10.0	10.3	30.0
Tetrahydrofuran	Ave	0.6907	0.7524		10.9	10.0	8.9	30.0
Chloroform	Ave	5.918	6.194		10.5	10.0	4.7	30.0
1,1,1-Trichloroethane	Ave	1.084	1.115		10.3	10.0	2.9	30.0
Cyclohexane	Ave	0.7626	0.7797		10.2	10.0	2.2	30.0
Carbon tetrachloride	Ave	1.044	1.092		10.5	10.0	4.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65667-1

SDG No.: _____

Lab Sample ID: ICV 200-185405/16 Calibration Date: 11/04/2022 04:20

Instrument ID: CHC.i Calib Start Date: 11/03/2022 17:33

GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/04/2022 01:38

Lab File ID: 53185-016.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	1.903	1.944		10.2	10.0	2.1	30.0
2,2,4-Trimethylpentane	Ave	3.367	3.462		10.3	10.0	2.8	30.0
1,2-Dichloroethane	Ave	0.8158	0.8556		10.5	10.0	4.9	30.0
n-Heptane	Ave	1.459	1.496		10.3	10.0	2.5	30.0
Trichloroethene	Ave	0.8118	0.7945		9.79	10.0	-2.1	30.0
n-Butanol	Ave	0.4537	0.3517		7.75	10.0	-22.5	30.0
1,2-Dichloropropane	Ave	0.8039	0.8326		10.4	10.0	3.6	30.0
Dibromomethane	Ave	0.6295	0.6289		9.99	10.0	-0.0	30.0
Methyl methacrylate	Ave	0.7006	0.7571		10.8	10.0	8.1	30.0
1,4-Dioxane	Ave	0.3442	0.3592		10.4	10.0	4.4	30.0
Bromodichloromethane	Ave	1.328	1.365		10.3	10.0	2.8	30.0
cis-1,3-Dichloropropene	Ave	1.269	1.232		9.71	10.0	-2.9	30.0
methyl isobutyl ketone	Ave	1.923	2.088		10.9	10.0	8.6	30.0
Toluene	Ave	1.520	1.569		10.3	10.0	3.3	30.0
n-Octane	Ave	2.262	2.323		10.3	10.0	2.7	30.0
trans-1,3-Dichloropropene	Ave	1.094	1.149		10.5	10.0	5.0	30.0
1,1,2-Trichloroethane	Ave	0.7691	0.7922		10.3	10.0	3.0	30.0
Tetrachloroethene	Ave	1.127	1.103		9.79	10.0	-2.1	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	1.988	2.210		11.1	10.0	11.2	30.0
Dibromochloromethane	Ave	1.278	1.359		10.6	10.0	6.3	30.0
1,2-Dibromoethane	Ave	1.219	1.277		10.5	10.0	4.8	30.0
Chlorobenzene	Ave	1.918	1.962		10.2	10.0	2.3	30.0
Ethylbenzene	Ave	3.409	3.538		10.4	10.0	3.8	30.0
n-Nonane	Ave	2.106	2.235		10.6	10.0	6.1	30.0
m,p-Xylene	Ave	1.277	1.335		20.9	20.0	4.6	30.0
Xylene, o-	Ave	1.212	1.261		10.4	10.0	4.0	30.0
Styrene	Ave	1.906	2.059		10.8	10.0	8.0	30.0
Bromoform	Ave	1.226	1.315		10.7	10.0	7.3	30.0
Cumene	Ave	3.627	3.774		10.4	10.0	4.0	30.0
1,1,2,2-Tetrachloroethane	Ave	1.995	2.129		10.7	10.0	6.7	30.0
1,2,3-Trichloropropane	Ave	1.673	1.815		10.8	10.0	8.5	30.0
n-Propylbenzene	Ave	4.673	4.876		10.4	10.0	4.4	30.0
2-Chlorotoluene	Ave	3.234	3.389		10.5	10.0	4.8	30.0
4-Ethyltoluene	Ave	3.703	3.861		10.4	10.0	4.3	30.0
n-Decane	Ave	2.687	2.905		10.8	10.0	8.1	30.0
1,3,5-Trimethylbenzene	Ave	3.049	3.215		10.5	10.0	5.4	30.0
Alpha Methyl Styrene	Ave	1.455	1.579		10.9	10.0	8.6	30.0
tert-Butylbenzene	Ave	2.847	2.944		10.3	10.0	3.4	30.0
1,2,4-Trimethylbenzene	Ave	3.070	3.241		10.6	10.0	5.6	30.0
sec-Butylbenzene	Ave	4.556	4.767		10.5	10.0	4.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65667-1
 SDG No.: _____
 Lab Sample ID: ICV 200-185405/16 Calibration Date: 11/04/2022 04:20
 Instrument ID: CHC.i Calib Start Date: 11/03/2022 17:33
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/04/2022 01:38
 Lab File ID: 53185-016.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	1.995	2.136		10.7	10.0	7.1	30.0
4-Isopropyltoluene	Ave	3.715	4.009		10.8	10.0	7.9	30.0
1,4-Dichlorobenzene	Ave	1.972	2.083		10.6	10.0	5.6	30.0
Benzyl chloride	Ave	2.992	3.144		10.5	10.0	5.1	30.0
n-Butylbenzene	Ave	3.884	4.189		10.8	10.0	7.9	30.0
1,2-Dichlorobenzene	Ave	1.911	2.033		10.6	10.0	6.4	30.0
n-Undecane	Ave	2.973	3.333		11.2	10.0	12.1	30.0
n-Dodecane	Ave	2.762	2.820		10.2	10.0	2.1	30.0
1,2,4-Trichlorobenzene	Ave	1.561	1.616		10.4	10.0	3.5	30.0
Hexachlorobutadiene	Ave	1.570	1.507		9.60	10.0	-4.0	30.0
Naphthalene	Ave	3.341	3.702		11.1	10.0	10.8	30.0
1,2,3-Trichlorobenzene	Ave	1.211	1.320		10.9	10.0	9.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65667-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-185599/5 Calibration Date: 11/09/2022 11:05
 Instrument ID: CHC.i Calib Start Date: 11/03/2022 17:33
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/04/2022 01:38
 Lab File ID: 53252-005.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	2.297	2.910		12.7	10.0	26.7	30.0
Dichlorodifluoromethane	Ave	6.056	6.495		10.7	10.0	7.3	30.0
Freon 22	Ave	4.369	5.105		11.7	10.0	16.8	30.0
1,2-Dichlorotetrafluoroethane	Ave	6.656	6.788		10.2	10.0	2.0	30.0
Chloromethane	Ave	2.518	2.971		11.8	10.0	18.0	30.0
n-Butane	Ave	3.739	4.686		12.5	10.0	25.3	30.0
Vinyl chloride	Ave	2.623	2.759		10.5	10.0	5.2	30.0
1,3-Butadiene	Ave	1.928	2.181		11.3	10.0	13.1	30.0
Bromomethane	Ave	2.051	2.052		10.0	10.0	0.0	30.0
Chloroethane	Ave	1.290	1.384		10.7	10.0	7.2	30.0
Isopentane	Ave	3.358	3.886		11.6	10.0	15.7	30.0
Bromoethene (Vinyl Bromide)	Ave	2.324	2.209		9.51	10.0	-4.9	30.0
Trichlorofluoromethane	Ave	5.891	5.937		10.1	10.0	0.8	30.0
n-Pentane	Ave	4.785	5.811		12.1	10.0	21.4	30.0
Ethanol	Ave	1.187	1.765		22.3	15.0	48.6*	30.0
Ethyl ether	Ave	1.844	2.025		11.0	10.0	9.8	30.0
Acrolein	Ave	1.087	1.288		11.8	10.0	18.4	30.0
Freon TF	Ave	5.079	4.949		9.74	10.0	-2.6	30.0
1,1-Dichloroethene	Ave	2.544	2.370		9.31	10.0	-6.9	30.0
Acetone	Ave	4.152	5.595		13.5	10.0	34.8*	30.0
Carbon disulfide	Ave	7.270	7.694		10.6	10.0	5.8	30.0
Isopropyl alcohol	Ave	4.508	5.838		12.9	10.0	29.5	30.0
3-Chloropropene	Ave	4.014	4.607		11.5	10.0	14.8	30.0
Acetonitrile	Ave	2.063	2.873		13.9	10.0	39.3*	30.0
Methylene Chloride	Ave	3.215	3.816		11.9	10.0	18.7	30.0
tert-Butyl alcohol	Ave	5.246	6.194		11.8	10.0	18.1	30.0
trans-1,2-Dichloroethene	Ave	4.221	4.472		10.6	10.0	5.9	30.0
Methyl tert-butyl ether	Ave	7.593	7.986		10.5	10.0	5.2	30.0
Acrylonitrile	Ave	1.982	2.310		11.7	10.0	16.6	30.0
n-Hexane	Ave	4.414	4.829		10.9	10.0	9.4	30.0
1,1-Dichloroethane	Ave	5.219	5.414		10.4	10.0	3.7	30.0
Vinyl acetate	Ave	7.225	9.195		12.7	10.0	27.3	30.0
cis-1,2-Dichloroethene	Ave	2.925	2.716		9.28	10.0	-7.1	30.0
Methyl Ethyl Ketone	Ave	1.462	1.640		11.2	10.0	12.2	30.0
Ethyl acetate	Ave	0.2242	0.2284		10.2	10.0	1.9	30.0
Tetrahydrofuran	Ave	0.6907	0.8516		12.3	10.0	23.3	30.0
Chloroform	Ave	5.918	5.931		10.0	10.0	0.2	30.0
1,1,1-Trichloroethane	Ave	1.084	1.059		9.77	10.0	-2.3	30.0
Cyclohexane	Ave	0.7626	0.7326		9.61	10.0	-3.9	30.0
Carbon tetrachloride	Ave	1.044	1.014		9.71	10.0	-2.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65667-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-185599/5 Calibration Date: 11/09/2022 11:05
 Instrument ID: CHC.i Calib Start Date: 11/03/2022 17:33
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/04/2022 01:38
 Lab File ID: 53252-005.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	1.903	1.833		9.63	10.0	-3.7	30.0
2,2,4-Trimethylpentane	Ave	3.367	3.515		10.4	10.0	4.4	30.0
1,2-Dichloroethane	Ave	0.8158	0.8710		10.7	10.0	6.8	30.0
n-Heptane	Ave	1.459	1.633		11.2	10.0	11.9	30.0
Trichloroethene	Ave	0.8118	0.7177		8.84	10.0	-11.6	30.0
n-Butanol	Ave	0.4537	0.5446		12.0	10.0	20.0	30.0
1,2-Dichloropropane	Ave	0.8039	0.8043		10.0	10.0	0.0	30.0
Dibromomethane	Ave	0.6295	0.5209		8.27	10.0	-17.2	30.0
Methyl methacrylate	Ave	0.7006	0.7188		10.3	10.0	2.6	30.0
1,4-Dioxane	Ave	0.3442	0.3452		10.0	10.0	0.3	30.0
Bromodichloromethane	Ave	1.328	1.267		9.54	10.0	-4.6	30.0
cis-1,3-Dichloropropene	Ave	1.269	1.224		9.65	10.0	-3.5	30.0
methyl isobutyl ketone	Ave	1.923	2.312		12.0	10.0	20.2	30.0
Toluene	Ave	1.520	1.421		9.35	10.0	-6.5	30.0
n-Octane	Ave	2.262	2.574		11.4	10.0	13.8	30.0
trans-1,3-Dichloropropene	Ave	1.094	1.084		9.91	10.0	-0.9	30.0
1,1,2-Trichloroethane	Ave	0.7691	0.7336		9.54	10.0	-4.6	30.0
Tetrachloroethene	Ave	1.127	0.9035		8.02	10.0	-19.8	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	1.988	2.485		12.5	10.0	25.0	30.0
Dibromochloromethane	Ave	1.278	1.160		9.07	10.0	-9.3	30.0
1,2-Dibromoethane	Ave	1.219	1.116		9.16	10.0	-8.4	30.0
Chlorobenzene	Ave	1.918	1.713		8.93	10.0	-10.7	30.0
Ethylbenzene	Ave	3.409	3.199		9.38	10.0	-6.2	30.0
n-Nonane	Ave	2.106	2.255		10.7	10.0	7.0	30.0
m,p-Xylene	Ave	1.277	1.178		18.5	20.0	-7.7	30.0
Xylene, o-	Ave	1.212	1.108		9.14	10.0	-8.6	30.0
Styrene	Ave	1.906	1.804		9.46	10.0	-5.3	30.0
Bromoform	Ave	1.226	1.096		8.94	10.0	-10.6	30.0
Cumene	Ave	3.627	3.319		9.15	10.0	-8.5	30.0
1,1,2,2-Tetrachloroethane	Ave	1.995	1.935		9.69	10.0	-3.0	30.0
1,2,3-Trichloropropane	Ave	1.673	1.660		9.92	10.0	-0.8	30.0
n-Propylbenzene	Ave	4.673	4.411		9.44	10.0	-5.6	30.0
2-Chlorotoluene	Ave	3.234	3.040		9.40	10.0	-6.0	30.0
4-Ethyltoluene	Ave	3.703	3.414		9.22	10.0	-7.8	30.0
n-Decane	Ave	2.687	2.884		10.7	10.0	7.3	30.0
1,3,5-Trimethylbenzene	Ave	3.049	2.783		9.12	10.0	-8.7	30.0
Alpha Methyl Styrene	Ave	1.455	1.340		9.21	10.0	-7.9	30.0
tert-Butylbenzene	Ave	2.847	2.533		8.90	10.0	-11.0	30.0
1,2,4-Trimethylbenzene	Ave	3.070	2.793		9.10	10.0	-9.0	30.0
sec-Butylbenzene	Ave	4.556	4.195		9.21	10.0	-7.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-65667-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-185599/5 Calibration Date: 11/09/2022 11:05
 Instrument ID: CHC.i Calib Start Date: 11/03/2022 17:33
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 11/04/2022 01:38
 Lab File ID: 53252-005.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	1.995	1.735		8.69	10.0	-13.0	30.0
4-Isopropyltoluene	Ave	3.715	3.380		9.10	10.0	-9.0	30.0
1,4-Dichlorobenzene	Ave	1.972	1.667		8.45	10.0	-15.5	30.0
Benzyl chloride	Ave	2.992	2.935		9.81	10.0	-1.9	30.0
n-Butylbenzene	Ave	3.884	3.738		9.62	10.0	-3.8	30.0
1,2-Dichlorobenzene	Ave	1.911	1.634		8.55	10.0	-14.5	30.0
n-Undecane	Ave	2.973	3.310		11.1	10.0	11.3	30.0
n-Dodecane	Ave	2.762	3.139		11.4	10.0	13.7	30.0
1,2,4-Trichlorobenzene	Ave	1.561	1.396		8.94	10.0	-10.6	30.0
Hexachlorobutadiene	Ave	1.570	1.279		8.14	10.0	-18.5	30.0
Naphthalene	Ave	3.341	3.276		9.81	10.0	-1.9	30.0
1,2,3-Trichlorobenzene	Ave	1.211	1.122		9.26	10.0	-7.3	30.0

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins BurlingtonJob No.: 200-65610-1

SDG No.: _____

Instrument ID: CHW.iStart Date: 10/19/2022 14:40Analysis Batch Number: 184848End Date: 10/20/2022 09:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-184848/1		10/19/2022 14:40	1	52933-001.d	RTX-624 0.32 (mm)
IC 200-184848/4		10/19/2022 17:30	1	52933-004.d	RTX-624 0.32 (mm)
IC 200-184848/5		10/19/2022 18:22	1	52933-005.d	RTX-624 0.32 (mm)
IC 200-184848/6		10/19/2022 19:14	1	52933-006.d	RTX-624 0.32 (mm)
IC 200-184848/7		10/19/2022 20:06	1	52933-007.d	RTX-624 0.32 (mm)
IC 200-184848/9		10/19/2022 21:51	1	52933-009.d	RTX-624 0.32 (mm)
IC 200-184848/12		10/20/2022 00:29	1	52933-012.d	RTX-624 0.32 (mm)
ICIS 200-184848/16		10/20/2022 03:57	1	52933-016.d	RTX-624 0.32 (mm)
ZZZZZ		10/20/2022 06:34	1		RTX-624 0.32 (mm)
IC 200-184848/21		10/20/2022 08:22	1	52933-021.d	RTX-624 0.32 (mm)
ICV 200-184848/22		10/20/2022 09:38	1	52933-022.D	RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins BurlingtonJob No.: 200-65610-1

SDG No.: _____

Instrument ID: CHW.iStart Date: 11/04/2022 07:18Analysis Batch Number: 185431End Date: 11/05/2022 07:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-185431/1		11/04/2022 07:18	1	53193-001.d	RTX-624 0.32 (mm)
CCVIS 200-185431/2		11/04/2022 08:10	1	53193-002.d	RTX-624 0.32 (mm)
LCS 200-185431/3		11/04/2022 09:02	1	53193-003.d	RTX-624 0.32 (mm)
MB 200-185431/4		11/04/2022 09:54	1	53193-004.d	RTX-624 0.32 (mm)
200-65610-7	4123	11/04/2022 11:00	0.2	53193-005.d	RTX-624 0.32 (mm)
ZZZZZ		11/04/2022 11:52	10		RTX-624 0.32 (mm)
ZZZZZ		11/04/2022 12:44	10		RTX-624 0.32 (mm)
ZZZZZ		11/04/2022 13:36	10		RTX-624 0.32 (mm)
ZZZZZ		11/04/2022 14:28	10		RTX-624 0.32 (mm)
ZZZZZ		11/04/2022 15:20	10		RTX-624 0.32 (mm)
ZZZZZ		11/04/2022 16:13	210		RTX-624 0.32 (mm)
ZZZZZ		11/04/2022 17:05	1		RTX-624 0.32 (mm)
ZZZZZ		11/04/2022 17:57	10		RTX-624 0.32 (mm)
ZZZZZ		11/04/2022 18:50	10		RTX-624 0.32 (mm)
ZZZZZ		11/04/2022 19:42	10		RTX-624 0.32 (mm)
ZZZZZ		11/04/2022 20:34	10		RTX-624 0.32 (mm)
ZZZZZ		11/04/2022 21:26	20		RTX-624 0.32 (mm)
ZZZZZ		11/04/2022 22:19	1		RTX-624 0.32 (mm)
ZZZZZ		11/04/2022 23:11	1		RTX-624 0.32 (mm)
ZZZZZ		11/05/2022 00:03	25		RTX-624 0.32 (mm)
ZZZZZ		11/05/2022 00:55	25		RTX-624 0.32 (mm)
ZZZZZ		11/05/2022 01:47	126		RTX-624 0.32 (mm)
ZZZZZ		11/05/2022 02:39	2005		RTX-624 0.32 (mm)
ZZZZZ		11/05/2022 03:31	10400		RTX-624 0.32 (mm)
ZZZZZ		11/05/2022 04:23	100		RTX-624 0.32 (mm)
ZZZZZ		11/05/2022 05:15	518		RTX-624 0.32 (mm)
ZZZZZ		11/05/2022 06:07	1		RTX-624 0.32 (mm)
ZZZZZ		11/05/2022 07:00	1		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-65667-1

SDG No.: _____

Instrument ID: CHC.i Start Date: 11/03/2022 14:58Analysis Batch Number: 185405 End Date: 11/04/2022 04:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-185405/1		11/03/2022 14:58	1	53185-001.D	RTX-624 0.32 (mm)
IC 200-185405/4		11/03/2022 17:33	1	53185-004.D	RTX-624 0.32 (mm)
IC 200-185405/5		11/03/2022 18:27	1	53185-005.D	RTX-624 0.32 (mm)
IC 200-185405/6		11/03/2022 19:21	1	53185-006.D	RTX-624 0.32 (mm)
IC 200-185405/7		11/03/2022 20:15	1	53185-007.D	RTX-624 0.32 (mm)
ICIS 200-185405/8		11/03/2022 21:09	1	53185-008.D	RTX-624 0.32 (mm)
IC 200-185405/9		11/03/2022 22:03	1	53185-009.D	RTX-624 0.32 (mm)
IC 200-185405/12		11/04/2022 00:44	1	53185-012.D	RTX-624 0.32 (mm)
IC 200-185405/13		11/04/2022 01:38	1	53185-013.D	RTX-624 0.32 (mm)
ZZZZZ		11/04/2022 03:26	1		RTX-624 0.32 (mm)
ICV 200-185405/16		11/04/2022 04:20	1	53185-016.D	RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-65667-1

SDG No.: _____

Instrument ID: CHC.i Start Date: 11/09/2022 07:36Analysis Batch Number: 185599 End Date: 11/09/2022 17:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-185599/1		11/09/2022 07:36	1	53252-001.D	RTX-624 0.32 (mm)
CCVIS 200-185599/5		11/09/2022 11:05	1	53252-005.D	RTX-624 0.32 (mm)
MB 200-185599/6		11/09/2022 11:59	1	53252-006.D	RTX-624 0.32 (mm)
LCS 200-185599/7		11/09/2022 12:53	1	53252-007.D	RTX-624 0.32 (mm)
ZZZZZ		11/09/2022 13:47	1		RTX-624 0.32 (mm)
ZZZZZ		11/09/2022 14:42	1		RTX-624 0.32 (mm)
ZZZZZ		11/09/2022 16:29	1		RTX-624 0.32 (mm)
200-65667-10	2952	11/09/2022 17:30	0.2	53252-012.D	RTX-624 0.32 (mm)

Shipping and Receiving Documents

Login Sample Receipt Checklist

Client: GEI Consultants, Inc.

Job Number: 200-65967-1

Login Number: 65967

List Source: Eurofins Burlington

List Number: 1

Creator: Khudaier, Zahraa

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	