284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Cover Page

Order ID : P5316

Project ID : CTO WE13

Client : Tetra Tech NUS, Inc.

Lab Sample Number	Client Sample Number
P5316-01	TT-304-IDWSO-20241217-1
P5316-02	TT-304-IDWSO-20241217-2
P5316-03	TT-304-IDWSO-20241217-3
P5316-04	TT-304-IDWSO-20241217-4

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 12/28/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **P5316**

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: **MAYUR DESAI** **Date:** **12/28/2024**

QC SUMMARY

SAMPLE DATA

Raw Data: **VY020669.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	12/17/24
Project:	CTO WE13	Date Received:	12/17/24
Client Sample ID:	TT-304-IDWSO-20241217-1	SDG No.:	P5316
Lab Sample ID:	P5316-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	68.6
Sample Wt/Vol:	5.97 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020669.D	1		12/20/24 14:34	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-01-4	Vinyl Chloride	3.10	U	0.94	3.10	6.10	ug/Kg
75-35-4	1,1-Dichloroethene	3.10	U	0.95	3.10	6.10	ug/Kg
67-64-1	Acetone	24.4	U	7.60	24.4	30.5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	3.10	U	0.82	3.10	6.10	ug/Kg
75-09-2	Methylene Chloride	4.60	J	4.20	9.80	12.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.10	U	1.00	3.10	6.10	ug/Kg
75-34-3	1,1-Dichloroethane	3.10	U	0.77	3.10	6.10	ug/Kg
78-93-3	2-Butanone	24.4	U	6.90	24.4	30.5	ug/Kg
56-23-5	Carbon Tetrachloride	3.10	U	1.10	3.10	6.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	3.10	U	0.74	3.10	6.10	ug/Kg
67-66-3	Chloroform	4.90	U	0.82	4.90	6.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	3.10	U	0.95	3.10	6.10	ug/Kg
71-43-2	Benzene	3.10	U	0.88	3.10	6.10	ug/Kg
107-06-2	1,2-Dichloroethane	3.10	U	0.74	3.10	6.10	ug/Kg
79-01-6	Trichloroethene	3.10	U	0.92	3.10	6.10	ug/Kg
108-88-3	Toluene	3.10	U	0.82	3.10	6.10	ug/Kg
127-18-4	Tetrachloroethene	3.10	U	1.10	3.10	6.10	ug/Kg
108-90-7	Chlorobenzene	3.10	U	0.90	3.10	6.10	ug/Kg
100-41-4	Ethyl Benzene	3.10	U	0.76	3.10	6.10	ug/Kg
1330-20-7	Total Xylenes	9.20	U	2.45	9.20	18.3	ug/Kg
103-65-1	n-propylbenzene	3.10	U	0.78	3.10	6.10	ug/Kg
98-06-6	tert-Butylbenzene	3.10	U	0.82	3.10	6.10	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.10	U	1.70	3.10	6.10	ug/Kg
135-98-8	sec-Butylbenzene	3.10	U	0.82	3.10	6.10	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.10	U	0.90	3.10	6.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.10	U	0.98	3.10	6.10	ug/Kg
104-51-8	n-Butylbenzene	3.10	U	0.77	3.10	6.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	3.10	U	0.72	3.10	6.10	ug/Kg
123-91-1	1,4-Dioxane	97.7	U	51.9	97.7	120	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	49.3		71 - 136		99%	SPK: 50

Raw Data: **VY020669.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	12/17/24
Project:	CTO WE13	Date Received:	12/17/24
Client Sample ID:	TT-304-IDWSO-20241217-1	SDG No.:	P5316
Lab Sample ID:	P5316-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	68.6
Sample Wt/Vol:	5.97 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020669.D	1		12/20/24 14:34	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1868-53-7	Dibromofluoromethane	34.5	*	78 - 119		69%	SPK: 50
2037-26-5	Toluene-d8	61.0	*	85 - 116		122%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.2		79 - 119		86%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	124000	7.707				
540-36-3	1,4-Difluorobenzene	257000	8.616				
3114-55-4	Chlorobenzene-d5	259000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	91800	13.347				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020669.D
Acq On : 20 Dec 2024 14:34
Operator : SY/MD
Sample : P5316-01
Misc : 5.97g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-1

Quant Time: Dec 20 18:09:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration

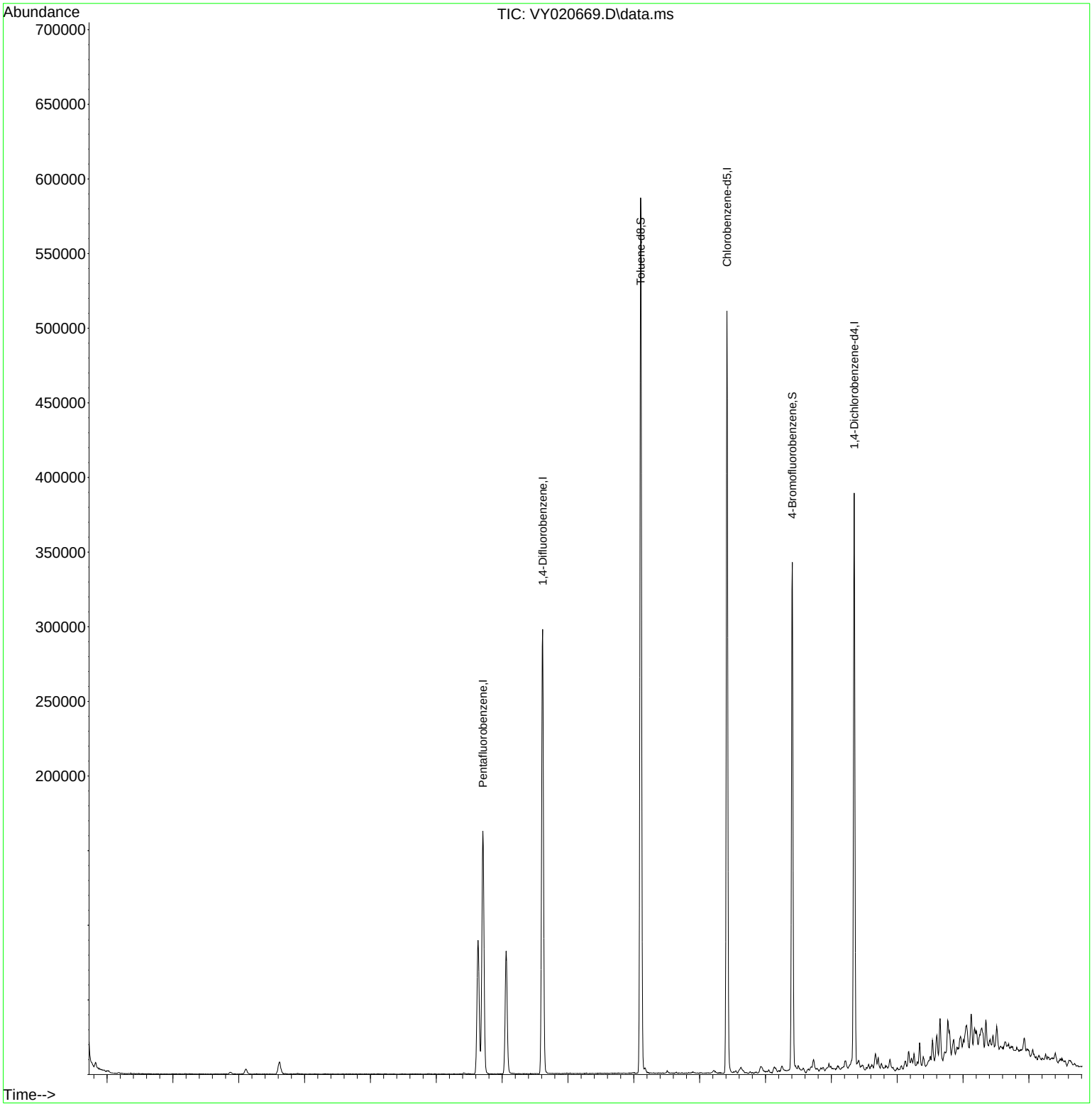
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	123590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	256790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	258559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	91825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	66705	49.281	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.560%			
35) Dibromofluoromethane	7.634	113	62350	34.451	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 68.900%			
50) Toluene-d8	10.103	98	386152	60.960	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 121.920%			
62) 4-Bromofluorobenzene	12.408	95	107021	43.190	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 86.380%			
Target Compounds						Qvalue
16) Acetone	3.879	43	2333	2.298	ug/l	95
17) Carbon Disulfide	4.110	76	6654	1.320	ug/l	97
20) Methylene Chloride	4.623	84	6342	3.768	ug/l #	86

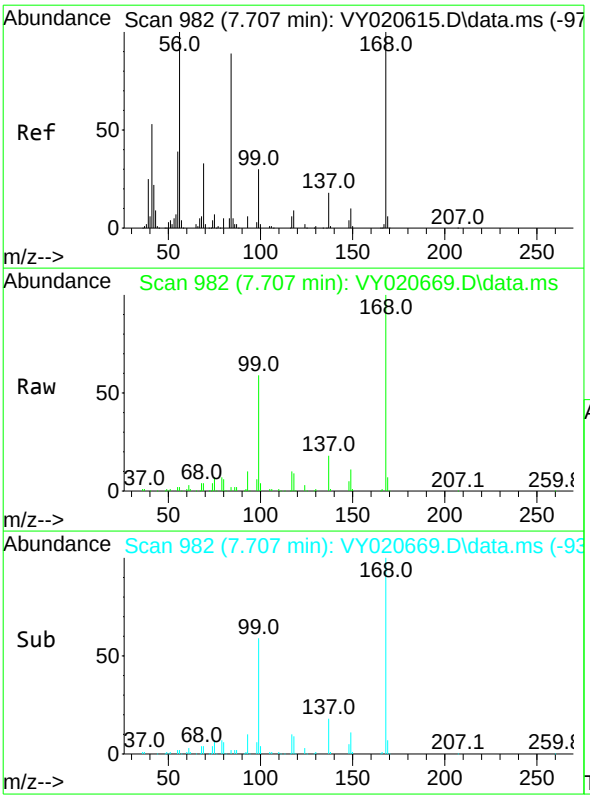
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020669.D
Acq On : 20 Dec 2024 14:34
Operator : SY/MD
Sample : P5316-01
Misc : 5.97g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-1

Quant Time: Dec 20 18:09:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration



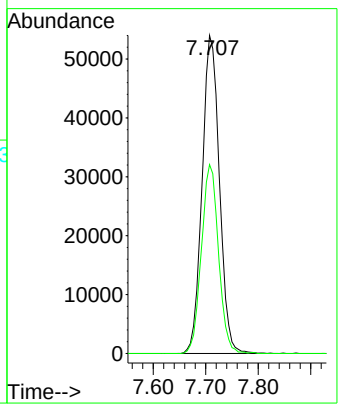


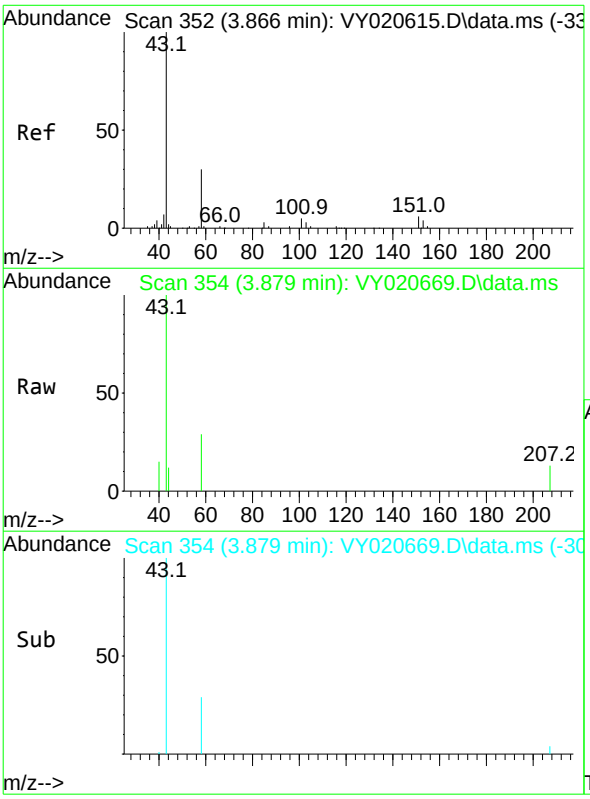
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-1

Tgt Ion:168 Resp: 123590

Ion	Ratio	Lower	Upper
168	100		
99	59.4	47.0	70.6

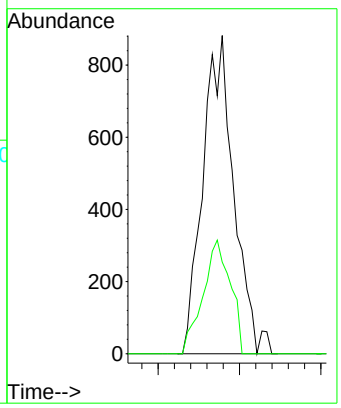


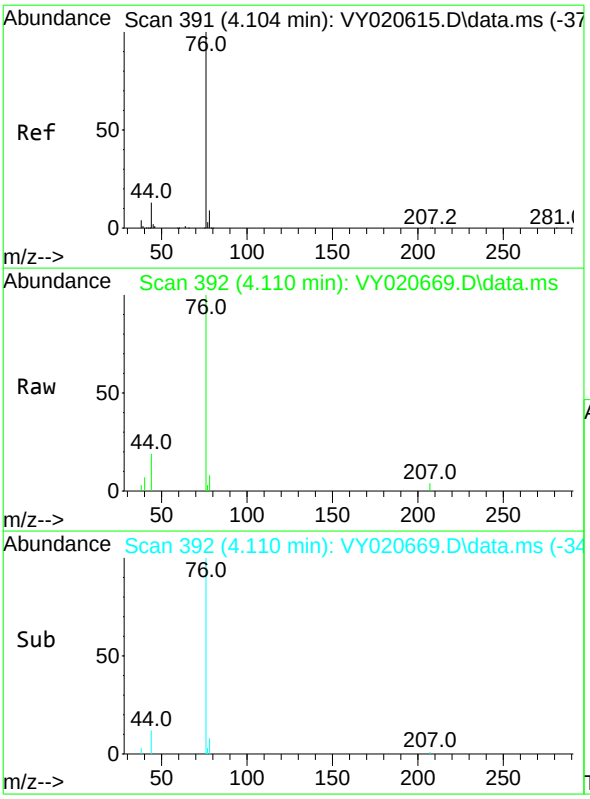


#16
Acetone
Concen: 2.298 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.013 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

Tgt Ion: 43 Resp: 2333

Ion	Ratio	Lower	Upper
43	100		
58	28.8	25.0	37.6



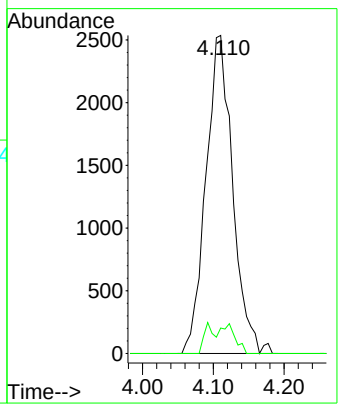


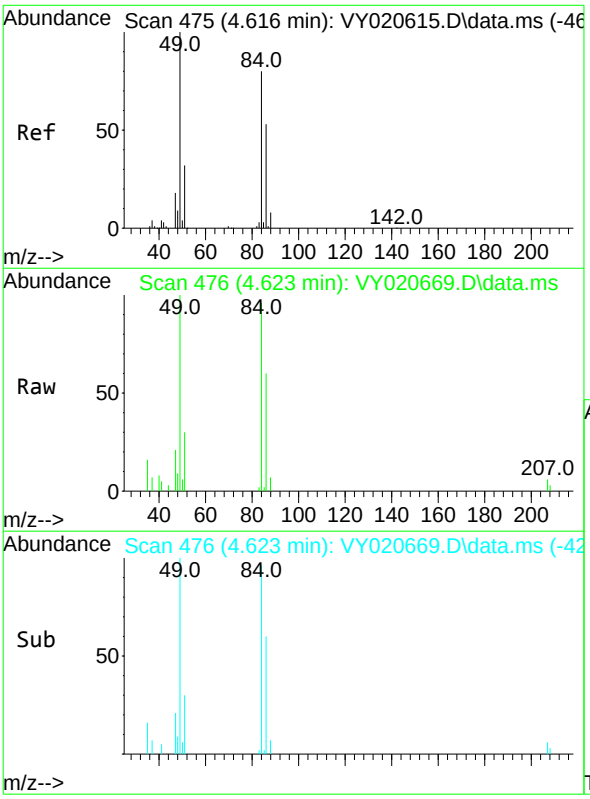
#17
Carbon Disulfide
Concen: 1.320 ug/l
RT: 4.110 min Scan# 39
Delta R.T. 0.006 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-1

Tgt Ion: 76 Resp: 6654

Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.2	10.8

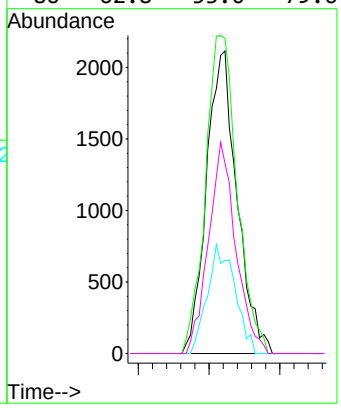


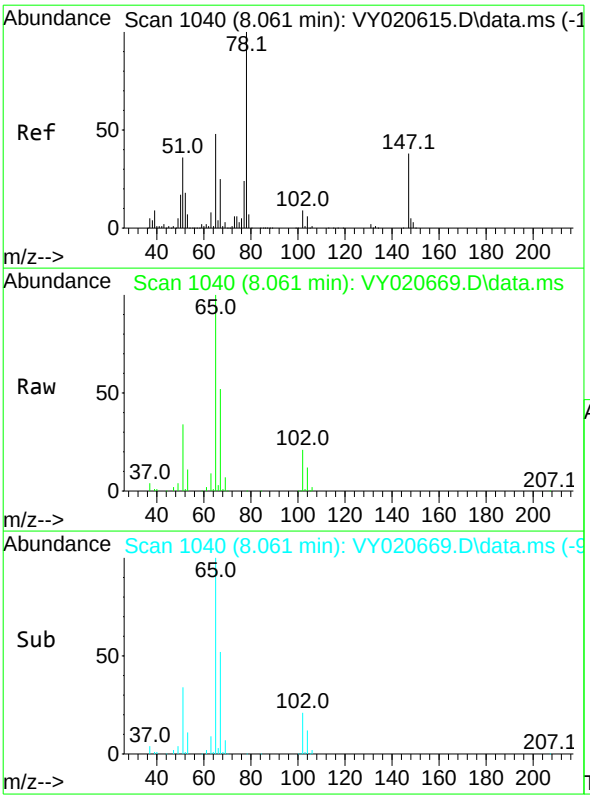


#20
Methylene Chloride
Concen: 3.768 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

Tgt Ion: 84 Resp: 6342

Ion	Ratio	Lower	Upper
84	100		
49	104.2	100.7	151.1
51	30.8	32.2	48.2#
86	62.8	53.0	79.6



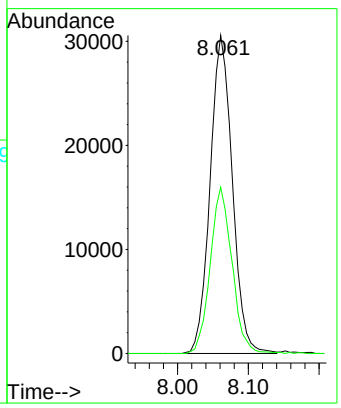


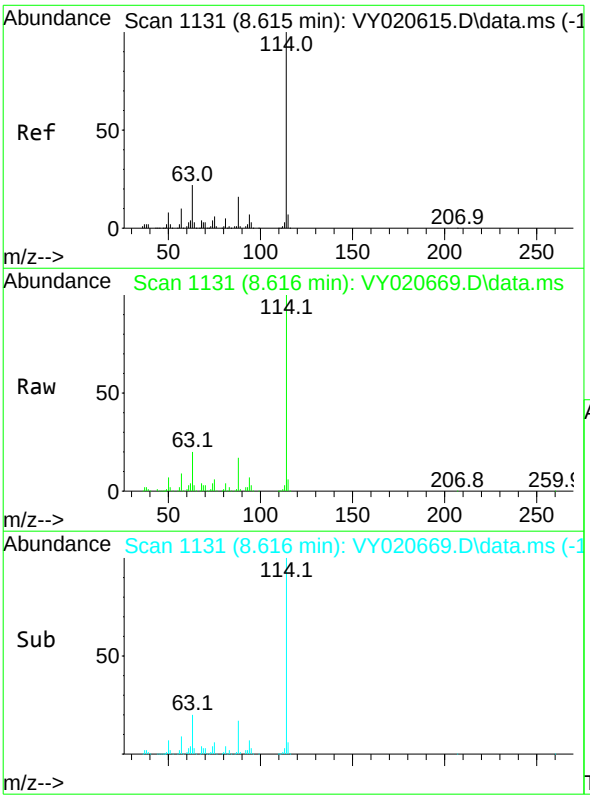
#33
1,2-Dichloroethane-d4
Concen: 49.281 ug/l
RT: 8.061 min Scan# 10
Delta R.T. 0.000 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-1

Tgt Ion: 65 Resp: 66705

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	108.0

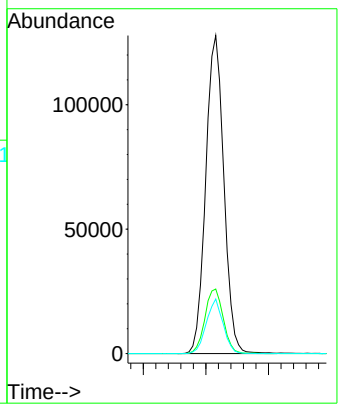


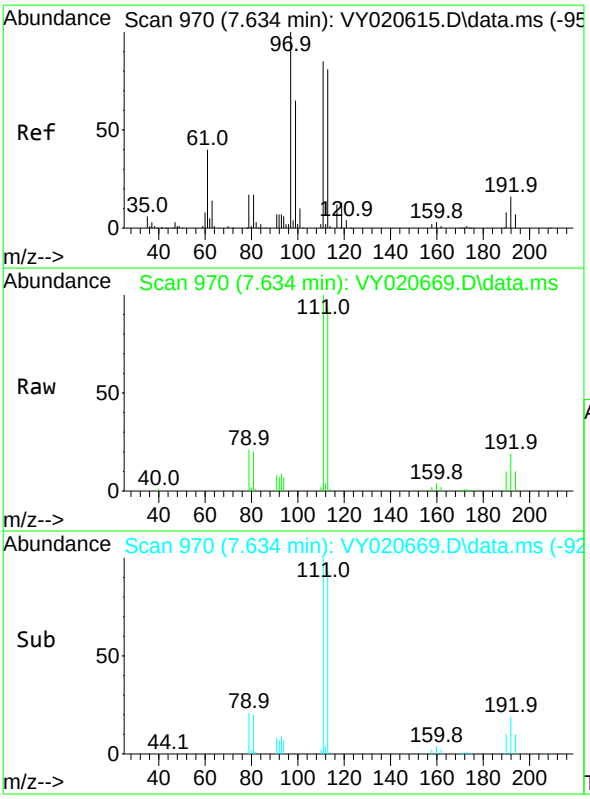


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

Tgt Ion:114 Resp: 256790

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	44.0
88	17.2	0.0	32.8



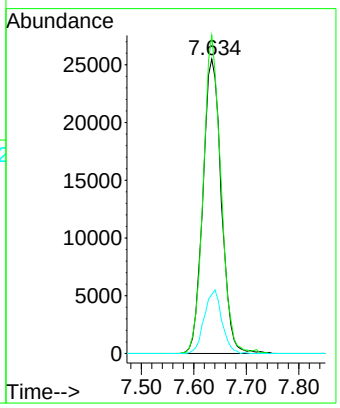


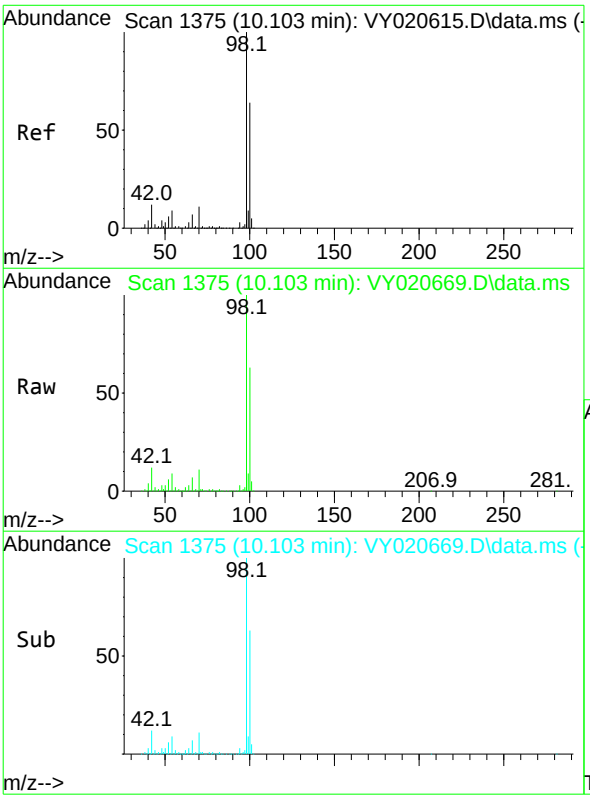
#35
Dibromofluoromethane
Concen: 34.451 ug/l
RT: 7.634 min Scan# 97
Delta R.T. 0.000 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-1

Tgt Ion:113 Resp: 62350

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	20.5	15.7	23.5

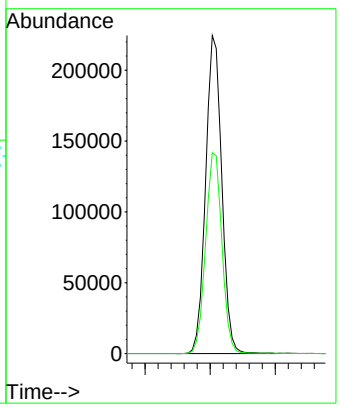


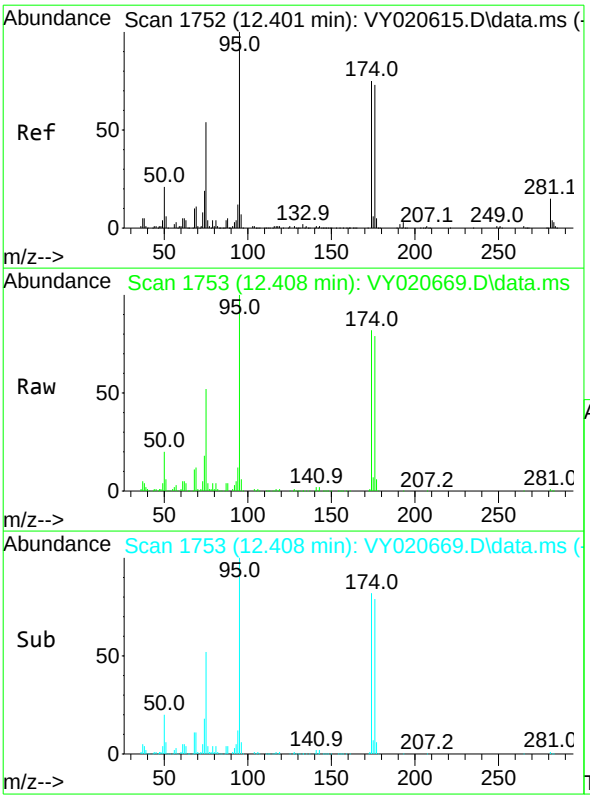


#50
Toluene-d8
Concen: 60.960 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

Tgt Ion: 98 Resp: 386152

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.1	78.1



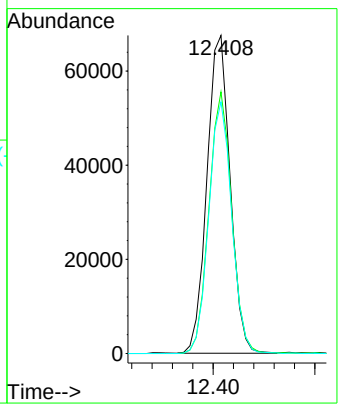


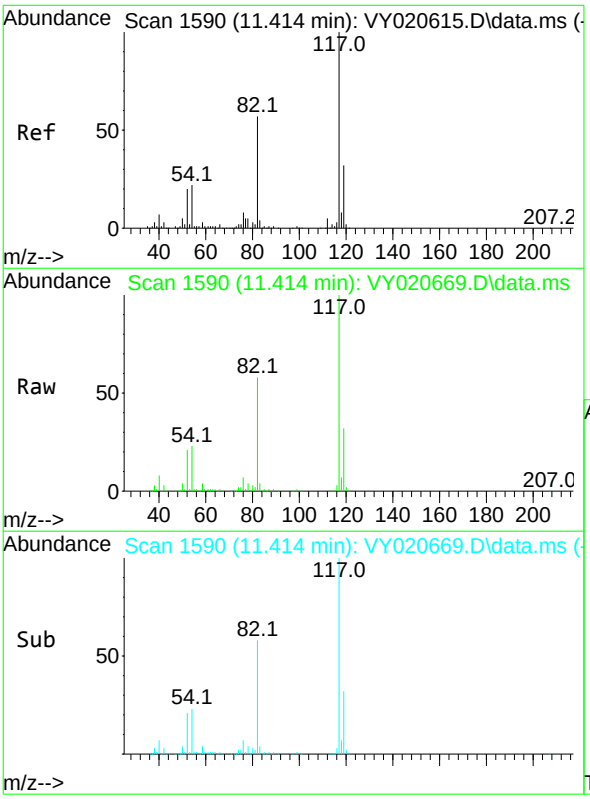
#62
4-Bromofluorobenzene
Concen: 43.190 ug/l
RT: 12.408 min Scan# 17
Delta R.T. 0.006 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-1

Tgt Ion: 95 Resp: 107021

Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	161.8
176	78.4	0.0	156.6

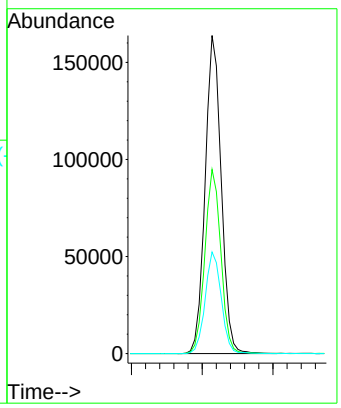


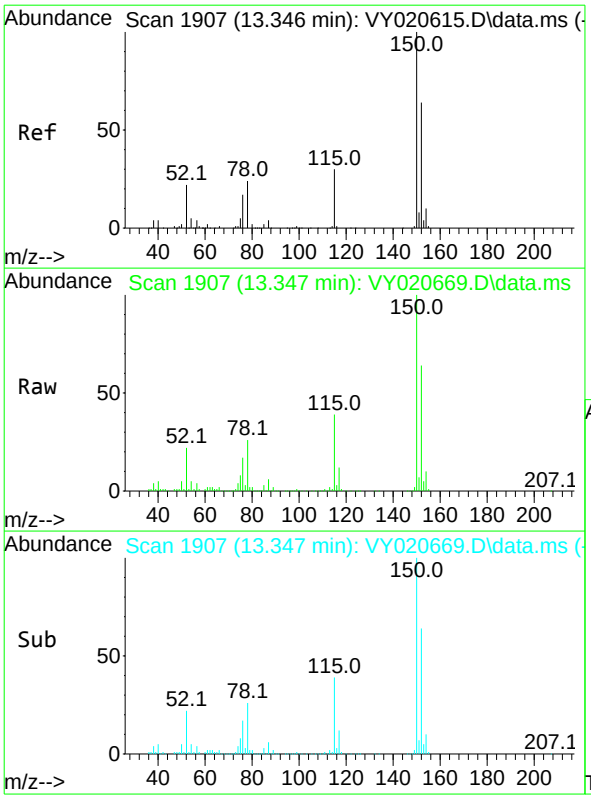


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

Tgt Ion:117 Resp: 258559

Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.8	68.6
119	31.9	25.3	37.9



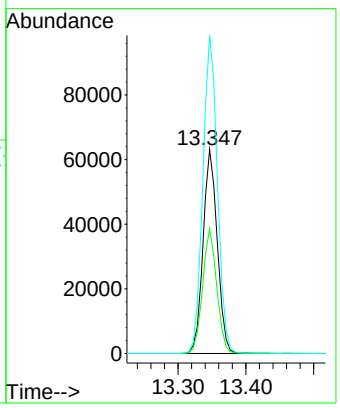


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 19
Delta R.T. 0.000 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-1

Tgt Ion:152 Resp: 91825

Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.2	90.6
150	159.1	0.0	355.4



Sample Results: **VY020669.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020669.D
Acq On : 20 Dec 2024 14:34
Operator : SY/MD
Sample : P5316-01
Misc : 5.97g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Title : SW846 8260

Signal : TIC: VY020669.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.616	466	475	487	rBV4	8114	24083	2.36%	0.492%
2	7.634	960	970	976	rBV2	89562	215080	21.11%	4.396%
3	7.707	976	982	995	rVB	162514	367023	36.02%	7.502%
4	8.061	1031	1040	1053	rBV	82383	181473	17.81%	3.709%
5	8.616	1122	1131	1144	rBV	297766	600731	58.96%	12.278%
6	10.103	1367	1375	1384	rBV	586468	1018939	100.00%	20.826%
7	11.414	1583	1590	1604	rBV	510601	808862	79.38%	16.532%
8	11.627	1616	1625	1634	rBV8	3871	12824	1.26%	0.262%
9	11.926	1667	1674	1683	rBV8	4320	13615	1.34%	0.278%
10	12.408	1746	1753	1760	rBV	339949	541585	53.15%	11.069%
11	12.731	1802	1806	1812	rVB6	6467	11304	1.11%	0.231%
12	12.962	1834	1844	1847	rBV8	4848	10868	1.07%	0.222%
13	13.347	1892	1907	1913	rBV	385376	587121	57.62%	12.000%
14	13.670	1955	1960	1964	rBV6	9429	18185	1.78%	0.372%
15	14.127	2029	2035	2038	rBV7	5403	10826	1.06%	0.221%
16	14.176	2038	2043	2047	rBV2	9992	16564	1.63%	0.339%
17	14.340	2066	2070	2076	rVB4	15220	20763	2.04%	0.424%
18	14.395	2076	2079	2085	rVB7	6458	10271	1.01%	0.210%
19	14.535	2099	2102	2107	rVB3	13638	18257	1.79%	0.373%
20	14.602	2107	2113	2117	rBV3	16949	31672	3.11%	0.647%
21	14.651	2117	2121	2128	rVB2	28165	45203	4.44%	0.924%
22	14.724	2128	2133	2135	rBV5	5813	11226	1.10%	0.229%
23	14.767	2136	2140	2143	rBV3	21327	34437	3.38%	0.704%
24	14.858	2149	2155	2159	rBV9	10070	19209	1.89%	0.393%
25	14.962	2167	2172	2176	rBV7	8310	16501	1.62%	0.337%
26	15.054	2181	2187	2194	rVB8	15193	39115	3.84%	0.799%
27	15.121	2194	2198	2203	rBV4	22563	38465	3.78%	0.786%
28	15.176	2203	2207	2210	rBV5	11003	19352	1.90%	0.396%
29	15.285	2216	2225	2231	rVB9	12764	42858	4.21%	0.876%
30	15.346	2231	2235	2242	rVV5	18763	29919	2.94%	0.612%
31	15.413	2242	2246	2249	rVV5	5960	10268	1.01%	0.210%
32	15.456	2250	2253	2256	rVV4	8904	12127	1.19%	0.248%
33	15.511	2258	2262	2268	rVB5	15472	26786	2.63%	0.547%
34	15.931	2327	2331	2335	rVB2	8548	14060	1.38%	0.287%
35	16.401	2404	2408	2415	rVB8	6720	13069	1.28%	0.267%

Sample Results: **VY020669.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020669.D
Acq On : 20 Dec 2024 14:34
Operator : SY/MD
Sample : P5316-01
Misc : 5.97g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Title : SW846 8260

Sum of corrected areas: 4892641

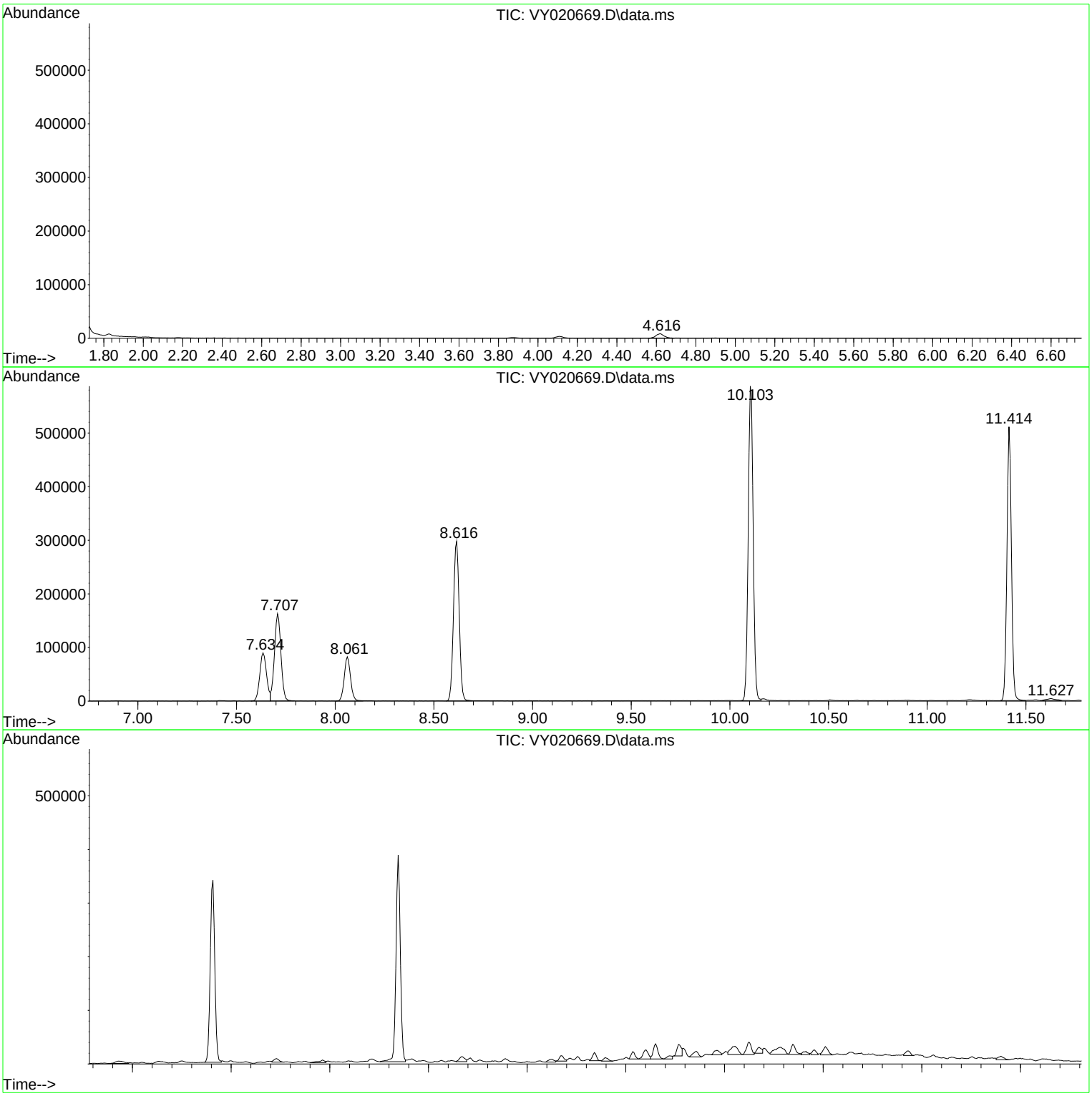
Sample Results: **VY020669.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020669.D
Acq On : 20 Dec 2024 14:34
Operator : SY/MD
Sample : P5316-01
Misc : 5.97g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Sample Results: **VY020669.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020669.D
Acq On : 20 Dec 2024 14:34
Operator : SY/MD
Sample : P5316-01
Misc : 5.97g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020669.D
Acq On : 20 Dec 2024 14:34
Operator : SY/MD
Sample : P5316-01
Misc : 5.97g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **VY020670.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	12/17/24
Project:	CTO WE13	Date Received:	12/17/24
Client Sample ID:	TT-304-IDWSO-20241217-2	SDG No.:	P5316
Lab Sample ID:	P5316-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	74.4
Sample Wt/Vol:	4.81 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020670.D	1		12/20/24 14:57	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-01-4	Vinyl Chloride	3.50	U	1.10	3.50	7.00	ug/Kg
75-35-4	1,1-Dichloroethene	3.50	U	1.10	3.50	7.00	ug/Kg
67-64-1	Acetone	27.9	U	8.70	27.9	34.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	3.50	U	0.94	3.50	7.00	ug/Kg
75-09-2	Methylene Chloride	4.90	J	4.80	11.2	14.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.50	U	1.20	3.50	7.00	ug/Kg
75-34-3	1,1-Dichloroethane	3.50	U	0.88	3.50	7.00	ug/Kg
78-93-3	2-Butanone	27.9	U	7.90	27.9	34.9	ug/Kg
56-23-5	Carbon Tetrachloride	3.50	U	1.20	3.50	7.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	3.50	U	0.85	3.50	7.00	ug/Kg
67-66-3	Chloroform	5.60	U	0.94	5.60	7.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	3.50	U	1.10	3.50	7.00	ug/Kg
71-43-2	Benzene	3.50	U	1.00	3.50	7.00	ug/Kg
107-06-2	1,2-Dichloroethane	3.50	U	0.85	3.50	7.00	ug/Kg
79-01-6	Trichloroethene	3.50	U	1.00	3.50	7.00	ug/Kg
108-88-3	Toluene	3.50	U	0.94	3.50	7.00	ug/Kg
127-18-4	Tetrachloroethene	3.50	U	1.20	3.50	7.00	ug/Kg
108-90-7	Chlorobenzene	3.50	U	1.00	3.50	7.00	ug/Kg
100-41-4	Ethyl Benzene	3.50	U	0.87	3.50	7.00	ug/Kg
1330-20-7	Total Xylenes	10.5	U	2.88	10.5	21.0	ug/Kg
103-65-1	n-propylbenzene	3.50	U	0.89	3.50	7.00	ug/Kg
98-06-6	tert-Butylbenzene	3.50	U	0.94	3.50	7.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.50	U	1.90	3.50	7.00	ug/Kg
135-98-8	sec-Butylbenzene	3.50	U	0.94	3.50	7.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.50	U	1.00	3.50	7.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.50	U	1.10	3.50	7.00	ug/Kg
104-51-8	n-Butylbenzene	3.50	U	0.88	3.50	7.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	3.50	U	0.82	3.50	7.00	ug/Kg
123-91-1	1,4-Dioxane	110	U	59.4	110	140	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	45.2		71 - 136		90%	SPK: 50

Raw Data: **VY020670.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	12/17/24
Project:	CTO WE13	Date Received:	12/17/24
Client Sample ID:	TT-304-IDWSO-20241217-2	SDG No.:	P5316
Lab Sample ID:	P5316-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	74.4
Sample Wt/Vol:	4.81 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020670.D	1		12/20/24 14:57	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1868-53-7	Dibromofluoromethane	43.8		78 - 119		88%	SPK: 50
2037-26-5	Toluene-d8	49.0		85 - 116		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	35.0	*	79 - 119		70%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	175000	7.707				
540-36-3	1,4-Difluorobenzene	307000	8.615				
3114-55-4	Chlorobenzene-d5	251000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	92400	13.346				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020670.D
Acq On : 20 Dec 2024 14:57
Operator : SY/MD
Sample : P5316-02
Misc : 4.81g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-2

Quant Time: Dec 20 18:09:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	174578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	306694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	251459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	92350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	86368	45.172	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.340%		
35) Dibromofluoromethane	7.634	113	94772	43.845	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.700%		
50) Toluene-d8	10.103	98	370910	49.026	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.060%		
62) 4-Bromofluorobenzene	12.401	95	103716	35.046	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	70.100%		
Target Compounds						Qvalue
17) Carbon Disulfide	4.104	76	9216	1.294	ug/l	99
20) Methylene Chloride	4.616	84	8318	3.499	ug/l	93

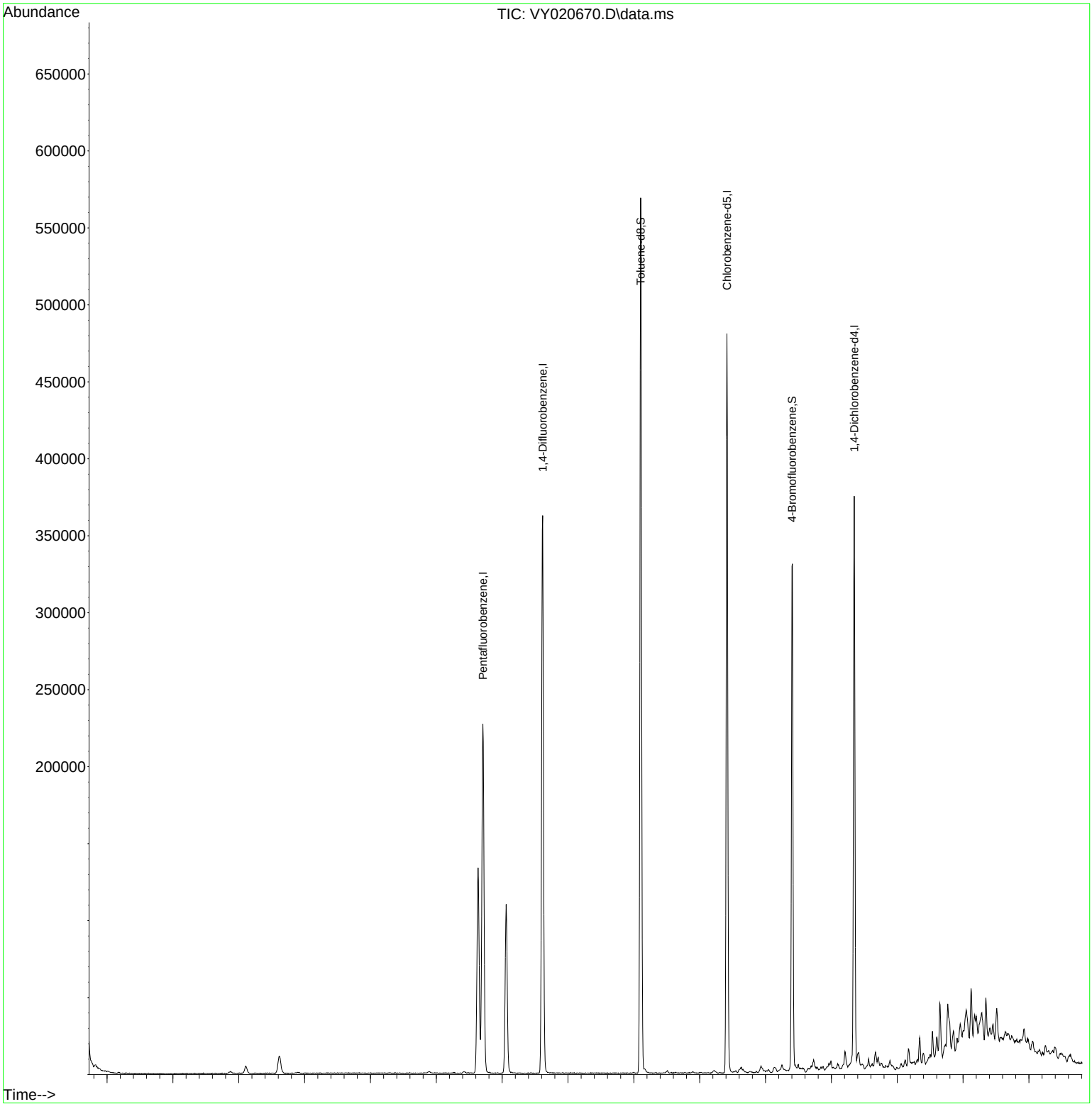
(#) = qualifier out of range (m) = manual integration (+) = signals summed

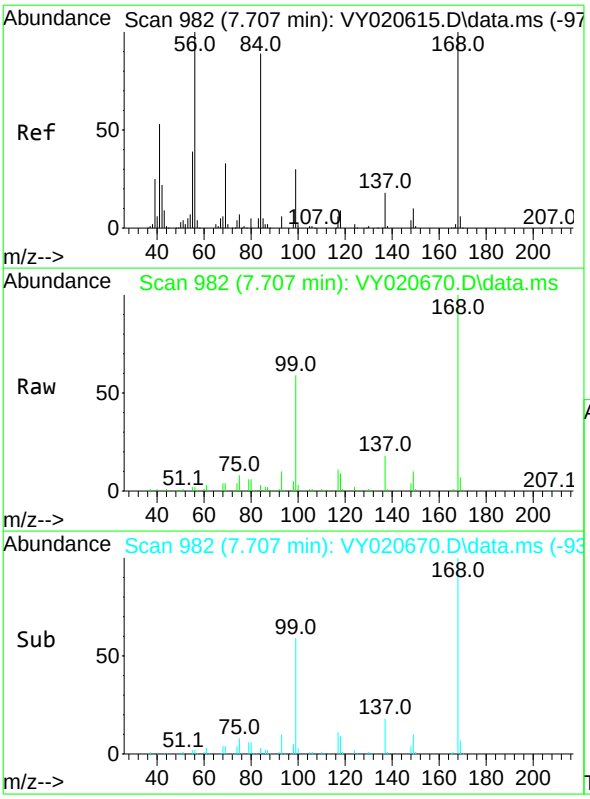
Sample Results: **VY020670.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020670.D
Acq On : 20 Dec 2024 14:57
Operator : SY/MD
Sample : P5316-02
Misc : 4.81g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-2

Quant Time: Dec 20 18:09:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration



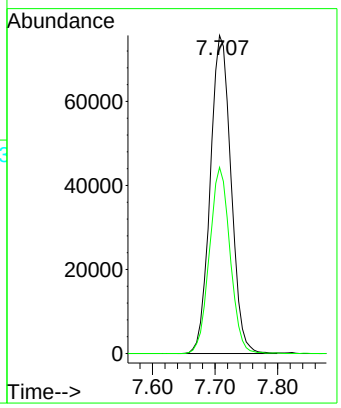


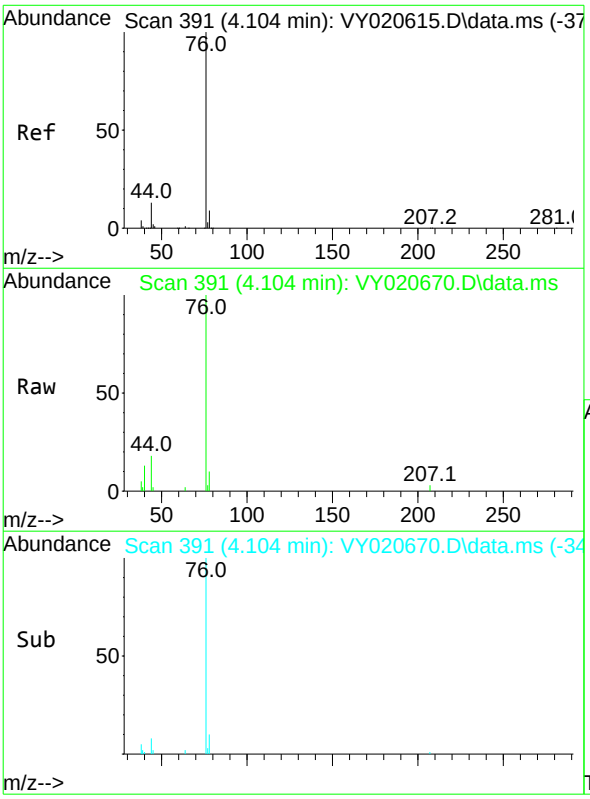
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-2

Tgt Ion:168 Resp: 174578

Ion	Ratio	Lower	Upper
168	100		
99	58.5	47.0	70.6

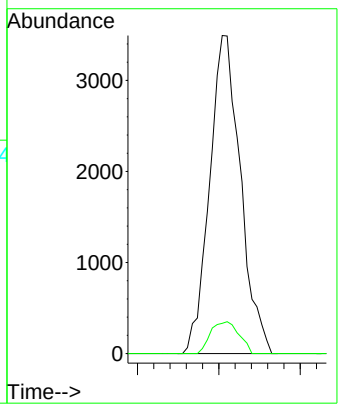


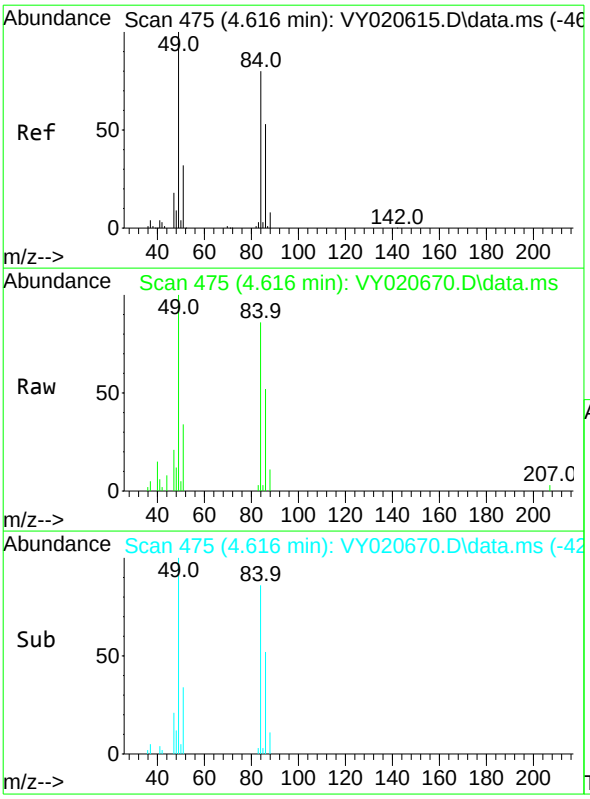


#17
Carbon Disulfide
Concen: 1.294 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

Tgt Ion: 76 Resp: 9216

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.2	10.8



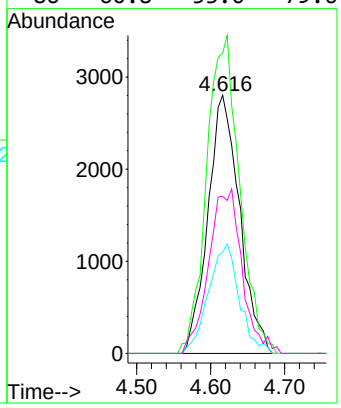


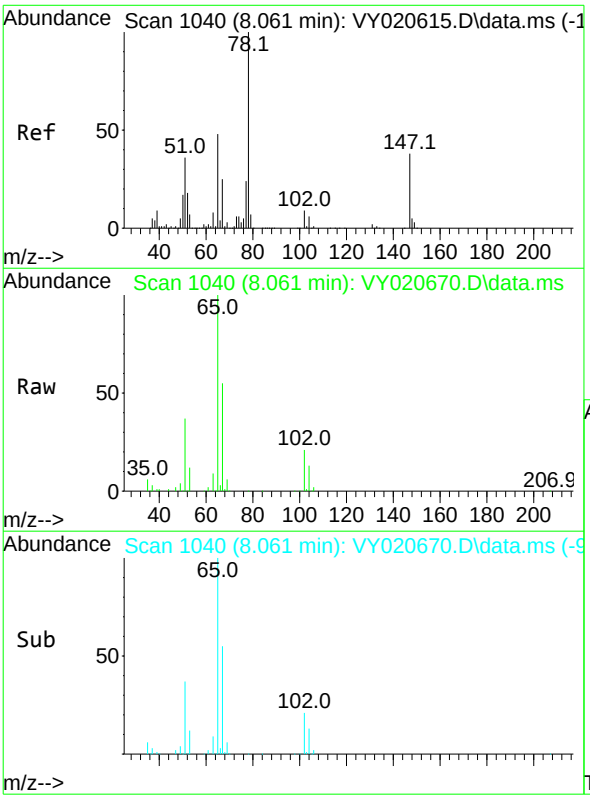
#20
Methylene Chloride
Concen: 3.499 ug/l
RT: 4.616 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-2

Tgt Ion: 84 Resp: 8318

Ion	Ratio	Lower	Upper
84	100		
49	116.3	100.7	151.1
51	39.3	32.2	48.2
86	60.8	53.0	79.6

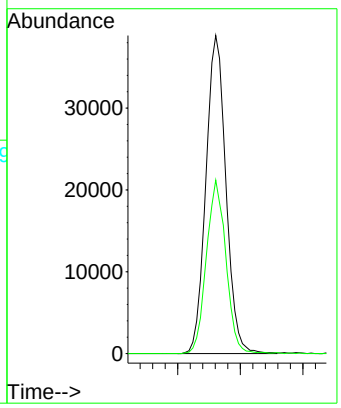


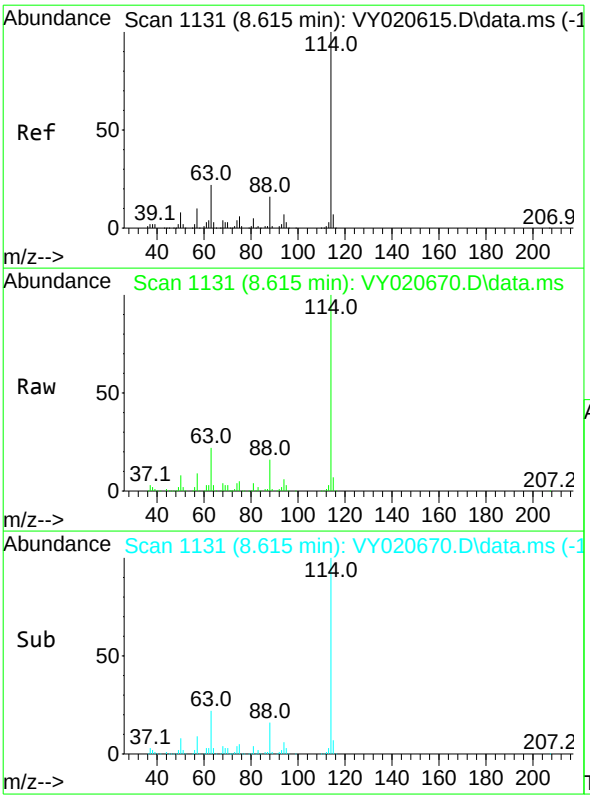


#33
1,2-Dichloroethane-d4
Concen: 45.172 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

Tgt Ion: 65 Resp: 86368

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	108.0



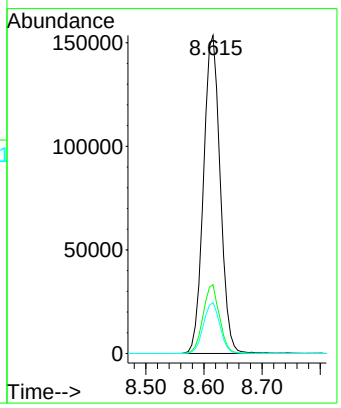


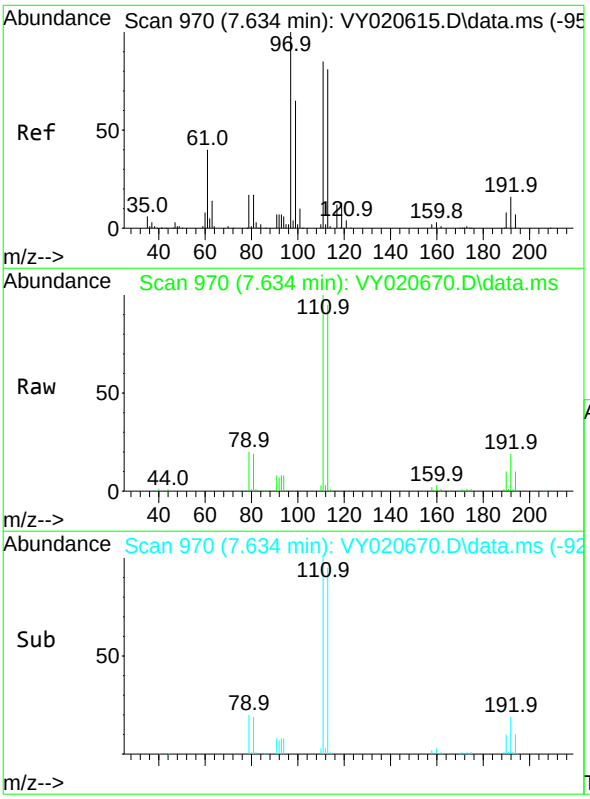
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-2

Tgt Ion:114 Resp: 306694

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.0
88	16.0	0.0	32.8

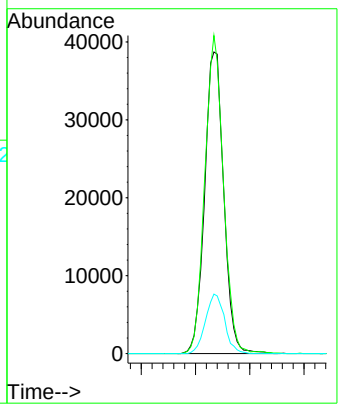


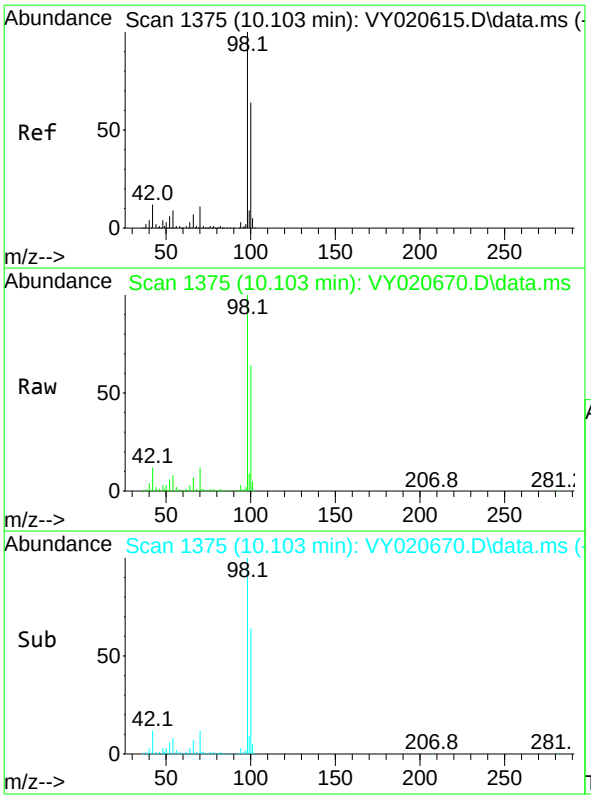


#35
Dibromofluoromethane
Concen: 43.845 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

Tgt Ion:113 Resp: 94772

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	19.7	15.7	23.5



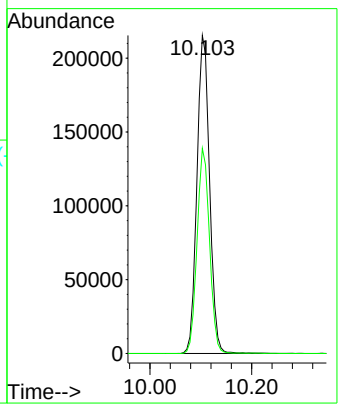


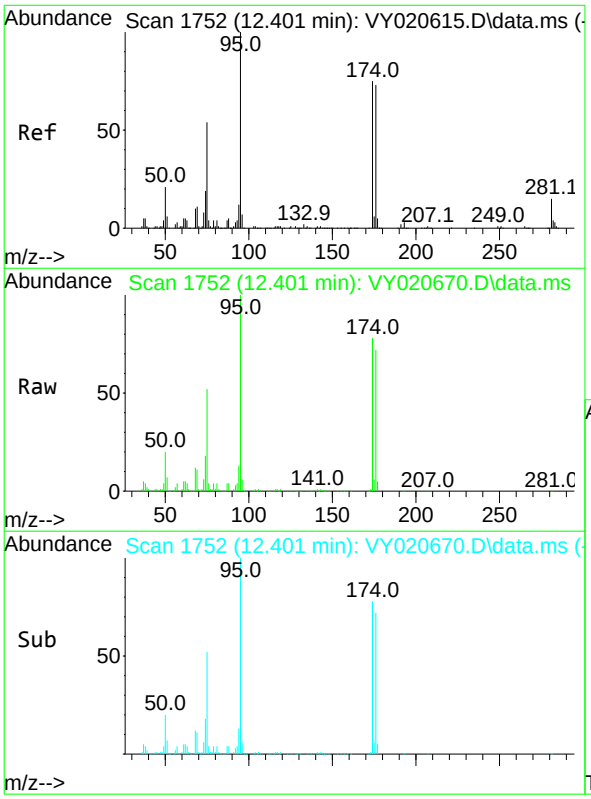
#50
Toluene-d8
Concen: 49.026 ug/l
RT: 10.103 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-2

Tgt Ion: 98 Resp: 370910

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.1	78.1

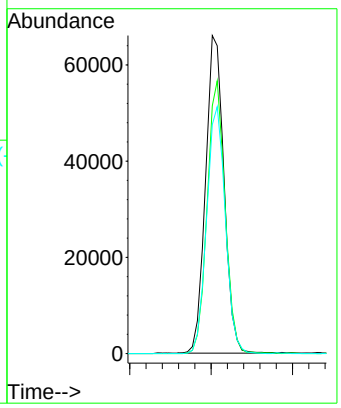


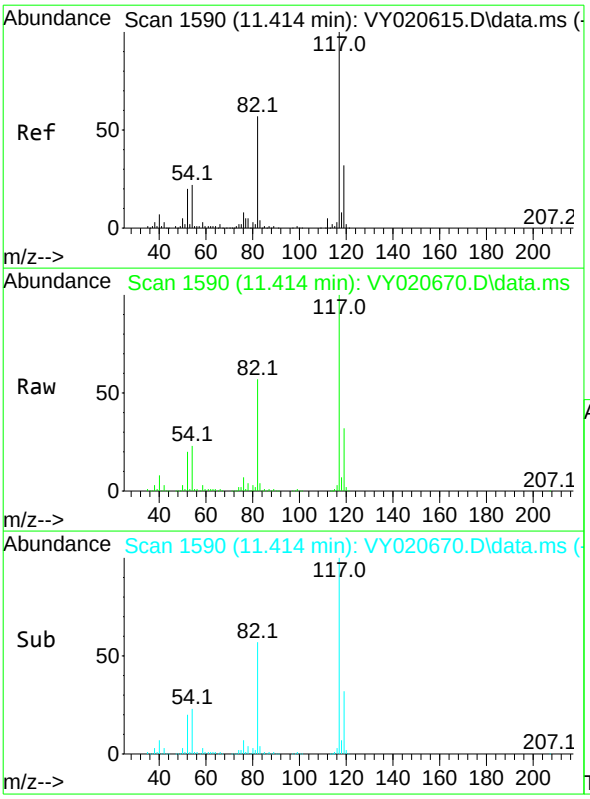


#62
4-Bromofluorobenzene
Concen: 35.046 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

Tgt Ion: 95 Resp: 103716

Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	161.8
176	78.5	0.0	156.6



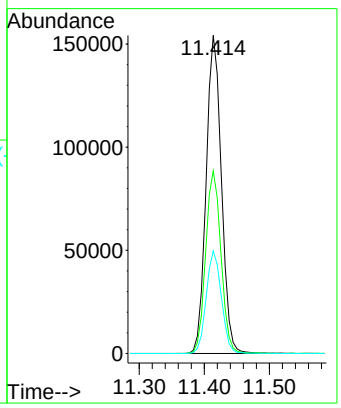


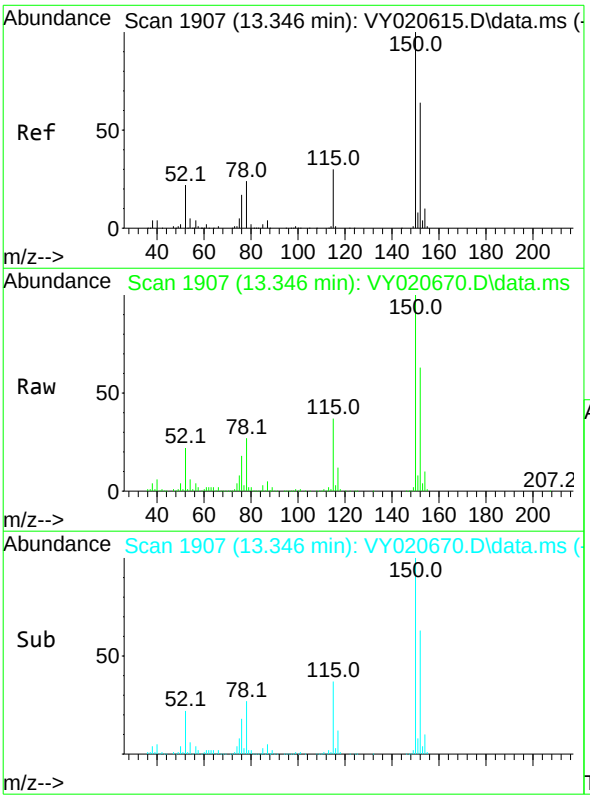
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-2

Tgt Ion:117 Resp: 251459

Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.8	68.6
119	32.3	25.3	37.9

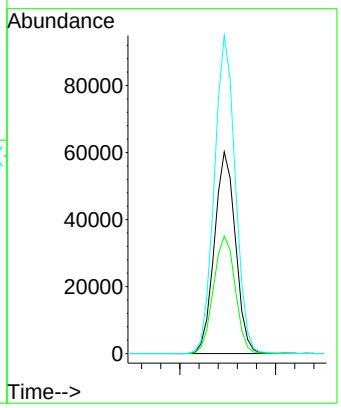




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

Tgt Ion:152 Resp: 92350

Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.2	90.6
150	156.7	0.0	355.4



Sample Results: **VY020670.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020670.D
Acq On : 20 Dec 2024 14:57
Operator : SY/MD
Sample : P5316-02
Misc : 4.81g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Title : SW846 8260

Signal : TIC: VY020670.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.104	379	391	404	rBV2	4768	13073	1.33%	0.240%
2	4.616	464	475	488	rBV3	11243	36094	3.68%	0.662%
3	7.634	959	970	976	rBV	133437	318415	32.50%	5.844%
4	7.707	976	982	995	rVB	226555	520963	53.17%	9.561%
5	8.061	1030	1040	1051	rBV	109631	240351	24.53%	4.411%
6	8.615	1122	1131	1143	rBV	362253	725589	74.06%	13.317%
7	10.103	1367	1375	1383	rBV	568700	979743	100.00%	17.981%
8	11.414	1583	1590	1604	rBV	480103	790105	80.64%	14.501%
9	11.932	1667	1675	1681	rBV9	4420	11629	1.19%	0.213%
10	12.133	1701	1708	1716	rBV9	3314	10132	1.03%	0.186%
11	12.249	1716	1727	1732	rBV7	4488	11582	1.18%	0.213%
12	12.407	1744	1753	1764	rBV	329274	541155	55.23%	9.932%
13	13.206	1880	1884	1891	rVB4	10229	17992	1.84%	0.330%
14	13.346	1898	1907	1913	rBV	368613	569630	58.14%	10.454%
15	13.413	1913	1918	1924	rVB3	8227	17602	1.80%	0.323%
16	13.669	1956	1960	1964	rBV5	8643	15912	1.62%	0.292%
17	14.169	2038	2042	2047	rBV4	10972	18606	1.90%	0.341%
18	14.340	2066	2070	2075	rVB2	16402	24092	2.46%	0.442%
19	14.395	2075	2079	2085	rVB8	7164	13013	1.33%	0.239%
20	14.535	2098	2102	2107	rVB3	16710	21474	2.19%	0.394%
21	14.602	2108	2113	2116	rBV4	12617	21134	2.16%	0.388%
22	14.645	2116	2120	2127	rVB2	35177	59817	6.11%	1.098%
23	14.730	2127	2134	2136	rBV6	8267	19360	1.98%	0.355%
24	14.767	2136	2140	2149	rVB5	28850	68630	7.00%	1.260%
25	14.852	2149	2154	2158	rVB7	13038	24353	2.49%	0.447%
26	14.907	2159	2163	2165	rBV4	8143	12168	1.24%	0.223%
27	14.956	2167	2171	2176	rBV7	11393	22556	2.30%	0.414%
28	15.047	2181	2186	2194	rVB10	18295	47205	4.82%	0.866%
29	15.120	2194	2198	2203	rBV4	32233	50035	5.11%	0.918%
30	15.175	2203	2207	2209	rBV4	13720	21500	2.19%	0.395%
31	15.285	2216	2225	2231	rVB10	17980	58733	5.99%	1.078%
32	15.346	2231	2235	2241	rBV3	27642	44873	4.58%	0.824%
33	15.456	2250	2253	2257	rVB6	9689	13747	1.40%	0.252%
34	15.511	2257	2262	2269	rVB7	21624	41547	4.24%	0.762%
35	15.925	2327	2330	2336	rVB5	8791	14739	1.50%	0.271%
36	16.053	2347	2351	2357	rVB9	6925	14656	1.50%	0.269%

Sample Results: **VY020670.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020670.D
Acq On : 20 Dec 2024 14:57
Operator : SY/MD
Sample : P5316-02
Misc : 4.81g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Title : SW846 8260

37	16.395	2404	2407	2415	rVB8	7460	16589	1.69%	0.304%

Sum of corrected areas: 5448794

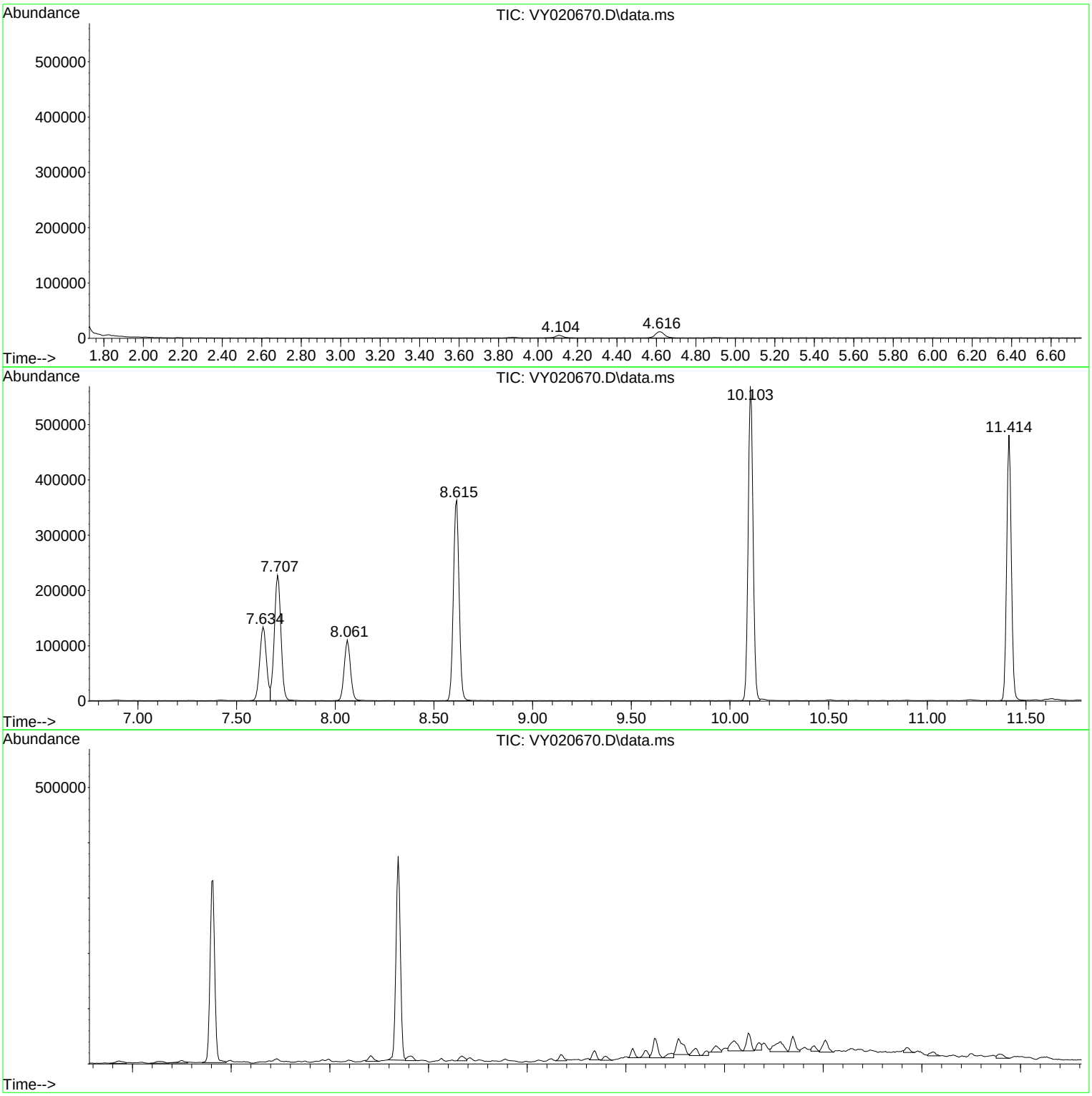
Sample Results: **VY020670.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020670.D
Acq On : 20 Dec 2024 14:57
Operator : SY/MD
Sample : P5316-02
Misc : 4.81g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Sample Results: **VY020670.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020670.D
Acq On : 20 Dec 2024 14:57
Operator : SY/MD
Sample : P5316-02
Misc : 4.81g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020670.D
Acq On : 20 Dec 2024 14:57
Operator : SY/MD
Sample : P5316-02
Misc : 4.81g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **VY020671.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	12/17/24
Project:	CTO WE13	Date Received:	12/17/24
Client Sample ID:	TT-304-IDWSO-20241217-3	SDG No.:	P5316
Lab Sample ID:	P5316-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	78.8
Sample Wt/Vol:	5.36 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020671.D	1		12/20/24 15:21	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-01-4	Vinyl Chloride	3.00	U	0.91	3.00	5.90	ug/Kg
75-35-4	1,1-Dichloroethene	3.00	U	0.92	3.00	5.90	ug/Kg
67-64-1	Acetone	23.7	U	7.40	23.7	29.6	ug/Kg
1634-04-4	Methyl tert-butyl Ether	3.00	U	0.79	3.00	5.90	ug/Kg
75-09-2	Methylene Chloride	9.50	U	4.00	9.50	11.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.00	U	0.99	3.00	5.90	ug/Kg
75-34-3	1,1-Dichloroethane	3.00	U	0.75	3.00	5.90	ug/Kg
78-93-3	2-Butanone	23.7	U	6.70	23.7	29.6	ug/Kg
56-23-5	Carbon Tetrachloride	3.00	U	1.00	3.00	5.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	3.00	U	0.72	3.00	5.90	ug/Kg
67-66-3	Chloroform	4.70	U	0.79	4.70	5.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	3.00	U	0.92	3.00	5.90	ug/Kg
71-43-2	Benzene	3.00	U	0.85	3.00	5.90	ug/Kg
107-06-2	1,2-Dichloroethane	3.00	U	0.72	3.00	5.90	ug/Kg
79-01-6	Trichloroethene	3.00	U	0.89	3.00	5.90	ug/Kg
108-88-3	Toluene	3.00	U	0.79	3.00	5.90	ug/Kg
127-18-4	Tetrachloroethene	3.00	U	1.10	3.00	5.90	ug/Kg
108-90-7	Chlorobenzene	3.00	U	0.88	3.00	5.90	ug/Kg
100-41-4	Ethyl Benzene	3.00	U	0.73	3.00	5.90	ug/Kg
1330-20-7	Total Xylenes	8.90	U	2.43	8.90	17.7	ug/Kg
103-65-1	n-propylbenzene	3.00	U	0.76	3.00	5.90	ug/Kg
98-06-6	tert-Butylbenzene	3.00	U	0.79	3.00	5.90	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.00	U	1.60	3.00	5.90	ug/Kg
135-98-8	sec-Butylbenzene	3.00	U	0.79	3.00	5.90	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.00	U	0.88	3.00	5.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.00	U	0.95	3.00	5.90	ug/Kg
104-51-8	n-Butylbenzene	3.00	U	0.75	3.00	5.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	3.00	U	0.70	3.00	5.90	ug/Kg
123-91-1	1,4-Dioxane	94.7	U	50.3	94.7	120	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	51.0		71 - 136		102%	SPK: 50

Raw Data: **VY020671.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	12/17/24
Project:	CTO WE13	Date Received:	12/17/24
Client Sample ID:	TT-304-IDWSO-20241217-3	SDG No.:	P5316
Lab Sample ID:	P5316-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	78.8
Sample Wt/Vol:	5.36 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020671.D	1		12/20/24 15:21	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1868-53-7	Dibromofluoromethane	45.6		78 - 119		91%	SPK: 50
2037-26-5	Toluene-d8	48.7		85 - 116		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.2	*	79 - 119		74%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	177000	7.707				
540-36-3	1,4-Difluorobenzene	314000	8.616				
3114-55-4	Chlorobenzene-d5	264000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	100000	13.347				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Sample Results: **VY020671.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020671.D
Acq On : 20 Dec 2024 15:21
Operator : SY/MD
Sample : P5316-03
Misc : 5.36g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-3

Quant Time: Dec 20 18:09:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	176765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	313918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	264293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	100425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98670	50.967	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.940%			
35) Dibromofluoromethane	7.634	113	100884	45.599	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.200%			
50) Toluene-d8	10.103	98	377487	48.747	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.500%			
62) 4-Bromofluorobenzene	12.408	95	112544	37.154	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 74.300%			
Target Compounds						Qvalue
20) Methylene Chloride	4.616	84	7073	2.938	ug/l	87

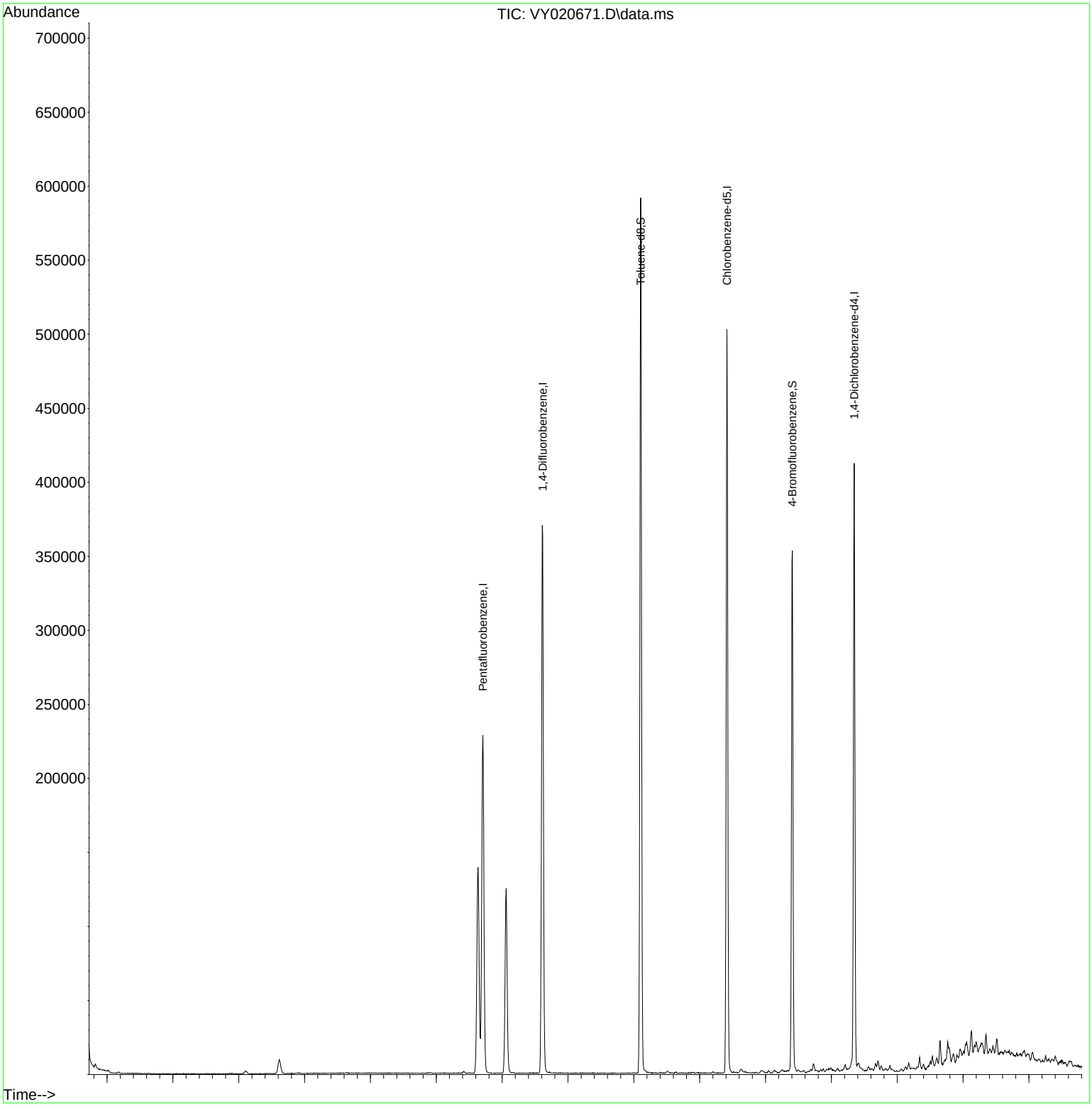
(#) = qualifier out of range (m) = manual integration (+) = signals summed

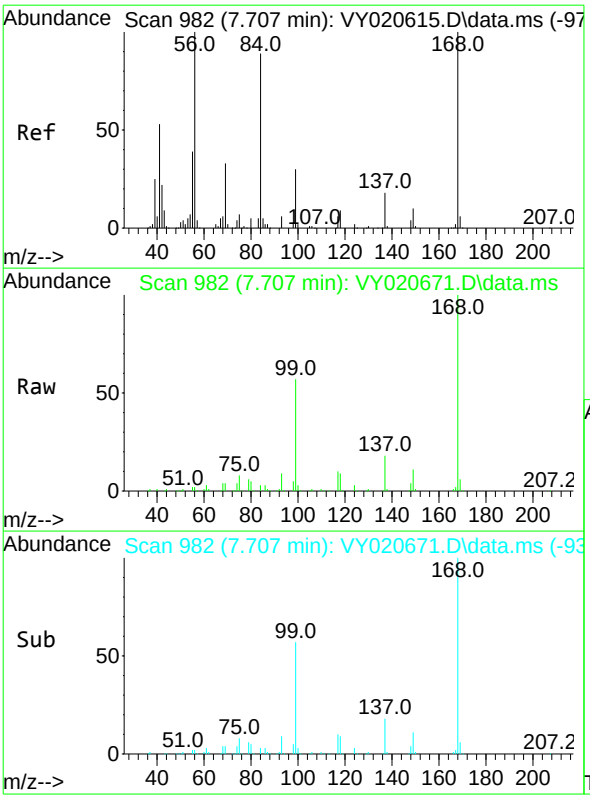
Sample Results: **VY020671.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020671.D
Acq On : 20 Dec 2024 15:21
Operator : SY/MD
Sample : P5316-03
Misc : 5.36g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-3

Quant Time: Dec 20 18:09:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration



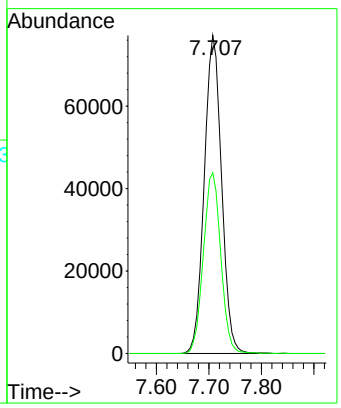


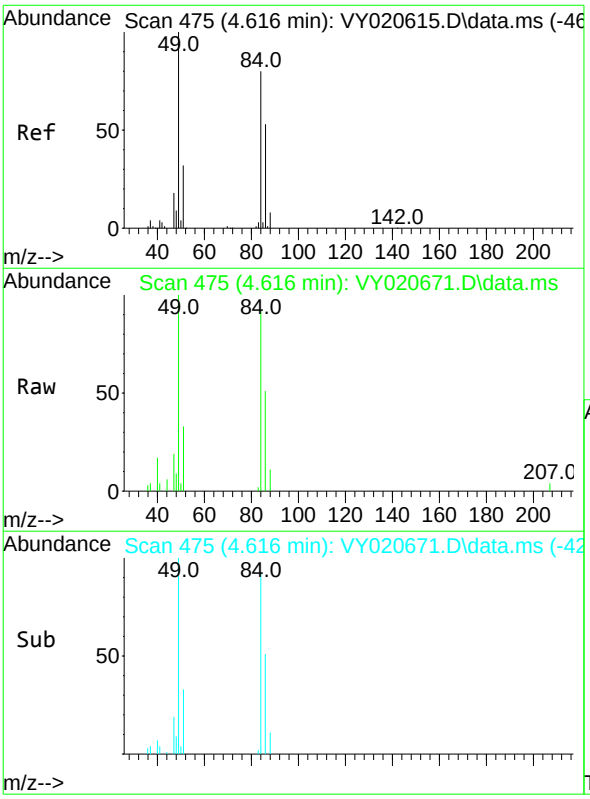
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020671.D
Acq: 20 Dec 2024 15:21

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-3

Tgt Ion:168 Resp: 176765

Ion	Ratio	Lower	Upper
168	100		
99	56.8	47.0	70.6

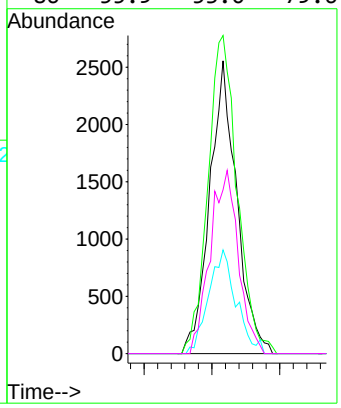


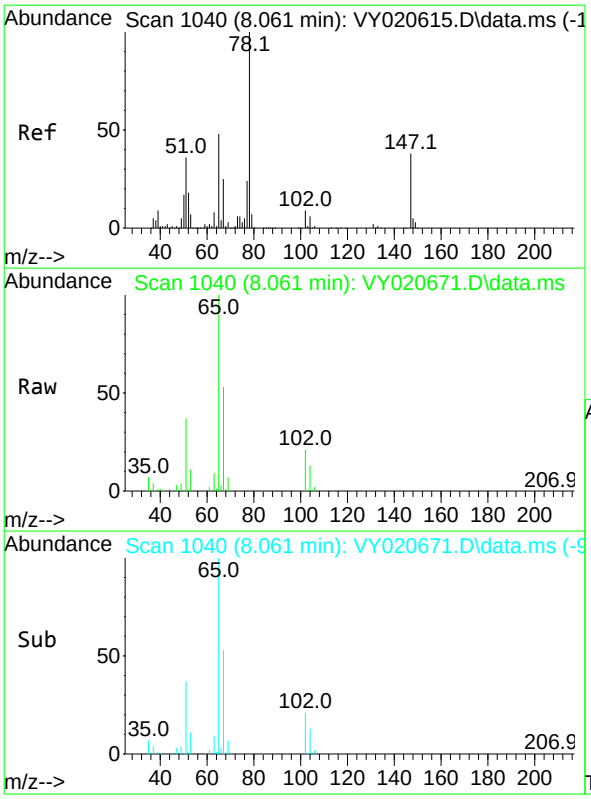


#20
Methylene Chloride
Concen: 2.938 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020671.D
Acq: 20 Dec 2024 15:21

Tgt Ion: 84 Resp: 7073

Ion	Ratio	Lower	Upper
84	100		
49	108.6	100.7	151.1
51	35.4	32.2	48.2
86	55.9	53.0	79.6



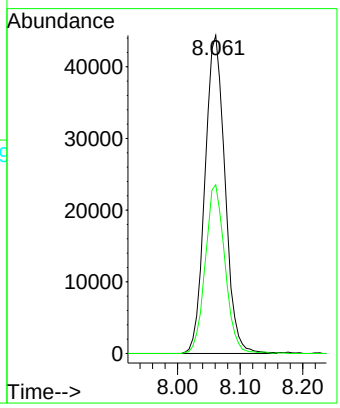


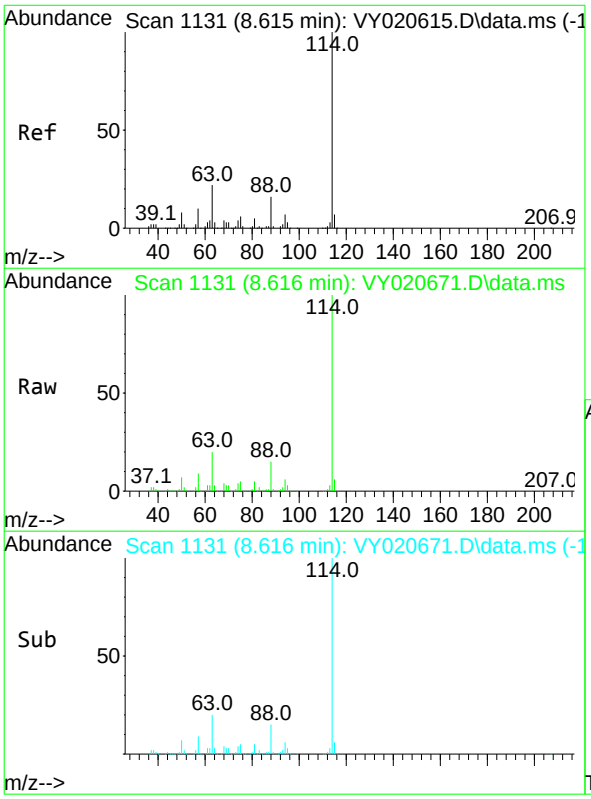
#33
1,2-Dichloroethane-d4
Concen: 50.967 ug/l
RT: 8.061 min Scan# 10
Delta R.T. 0.000 min
Lab File: VY020671.D
Acq: 20 Dec 2024 15:21

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-3

Tgt Ion: 65 Resp: 98670

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	108.0

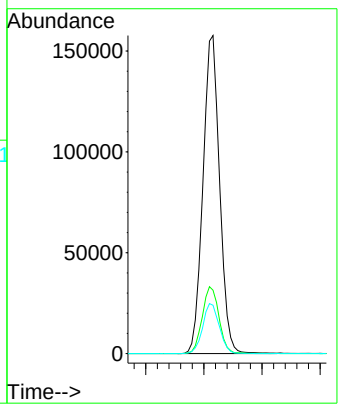


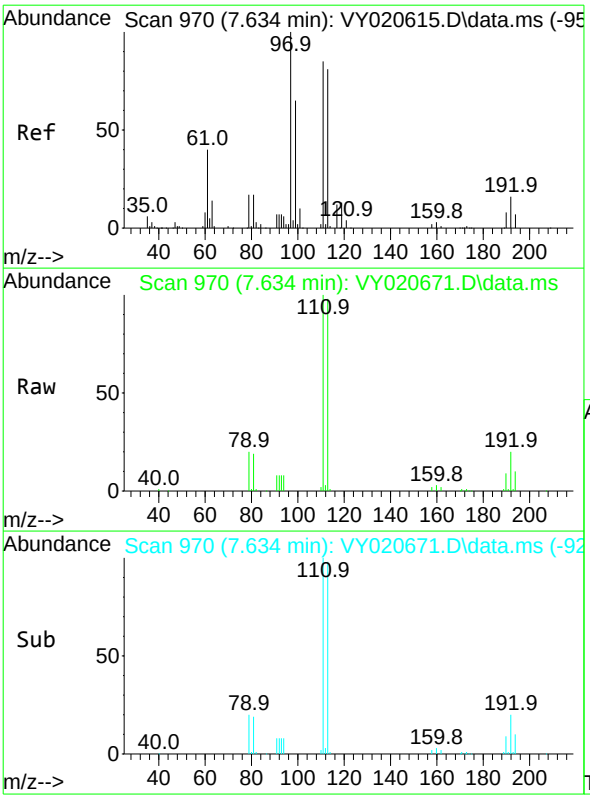


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020671.D
Acq: 20 Dec 2024 15:21

Tgt Ion:114 Resp: 313918

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	44.0
88	15.2	0.0	32.8



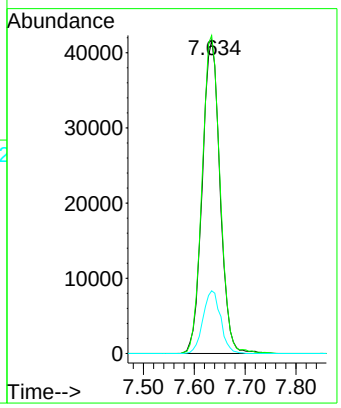


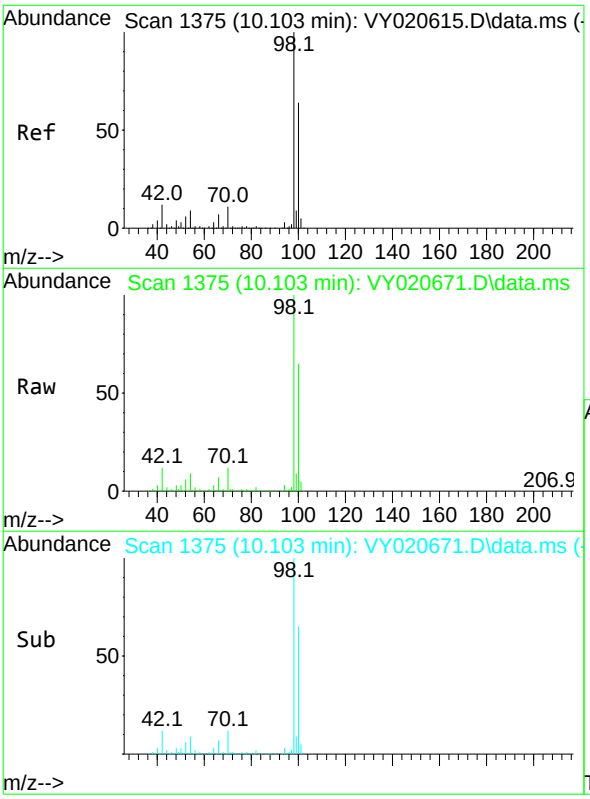
#35
Dibromofluoromethane
Concen: 45.599 ug/l
RT: 7.634 min Scan# 97
Delta R.T. 0.000 min
Lab File: VY020671.D
Acq: 20 Dec 2024 15:21

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-3

Tgt Ion:113 Resp: 100884

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	19.8	15.7	23.5

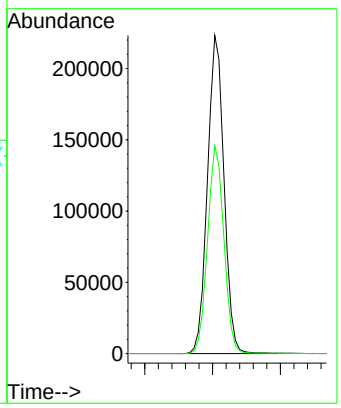


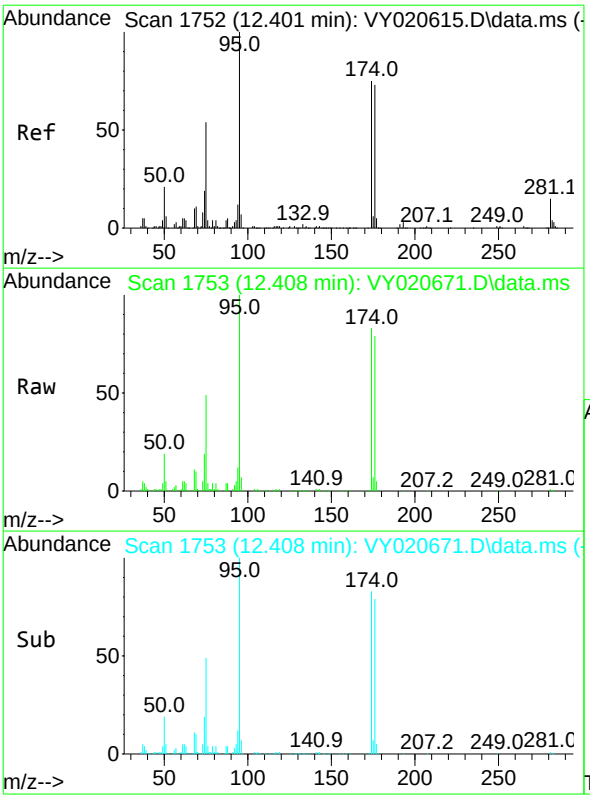


#50
Toluene-d8
Concen: 48.747 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020671.D
Acq: 20 Dec 2024 15:21

Tgt Ion: 98 Resp: 377487

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.1	78.1



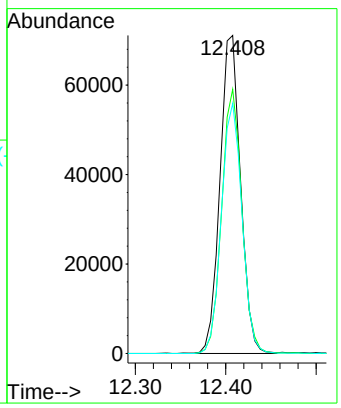


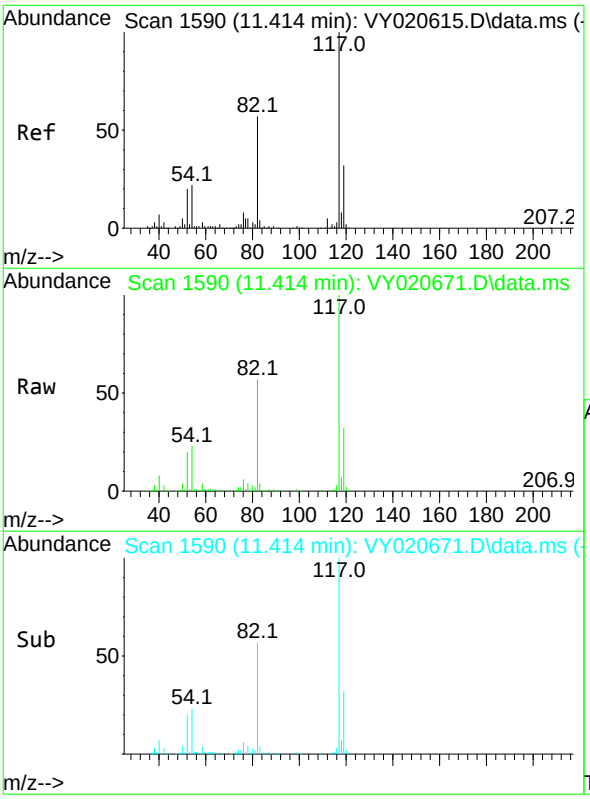
#62
4-Bromofluorobenzene
Concen: 37.154 ug/l
RT: 12.408 min Scan# 17
Delta R.T. 0.006 min
Lab File: VY020671.D
Acq: 20 Dec 2024 15:21

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-3

Tgt Ion: 95 Resp: 112544

Ion	Ratio	Lower	Upper
95	100		
174	81.3	0.0	161.8
176	78.7	0.0	156.6

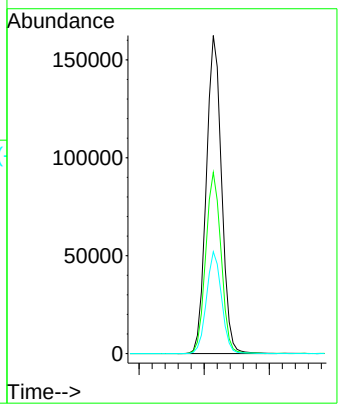


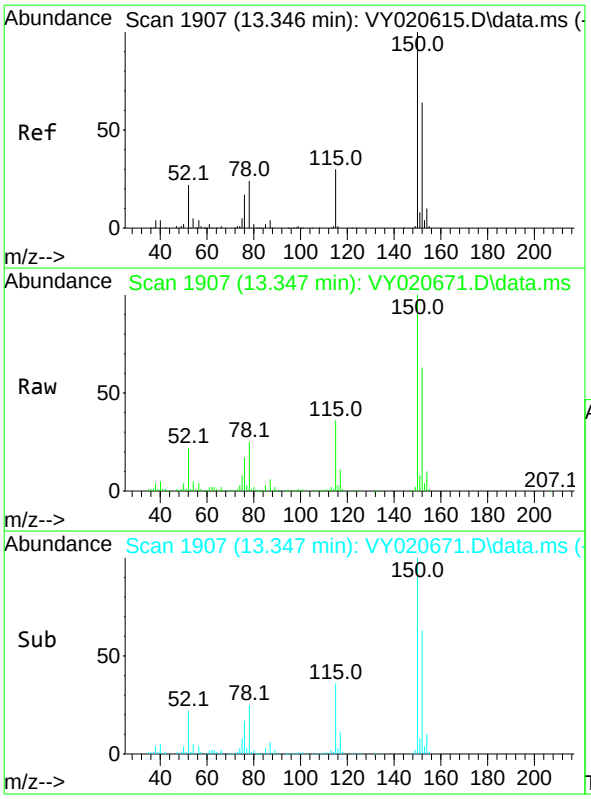


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020671.D
Acq: 20 Dec 2024 15:21

Tgt Ion:117 Resp: 264293

Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.8	68.6
119	32.0	25.3	37.9



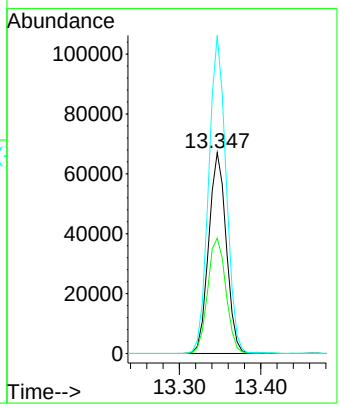


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 19
Delta R.T. 0.000 min
Lab File: VY020671.D
Acq: 20 Dec 2024 15:21

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-3

Tgt Ion:152 Resp: 100425

Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.2	90.6
150	157.6	0.0	355.4



Sample Results: **VY020671.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020671.D
Acq On : 20 Dec 2024 15:21
Operator : SY/MD
Sample : P5316-03
Misc : 5.36g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-3

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Title : SW846 8260

Signal : TIC: VY020671.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.616	463	475	485	rBV3	9397	28240	2.81%	0.553%
2	7.634	959	970	976	rBV	139039	339509	33.82%	6.653%
3	7.707	976	982	1002	rVB	228324	525441	52.34%	10.296%
4	8.061	1031	1040	1051	rBV	124860	272352	27.13%	5.337%
5	8.610	1122	1130	1145	rBV	369999	740927	73.81%	14.519%
6	10.103	1368	1375	1391	rBV	591135	1003879	100.00%	19.671%
7	11.414	1583	1590	1605	rVB	502120	822424	81.92%	16.116%
8	12.408	1744	1753	1765	rVB	351578	571339	56.91%	11.196%
9	13.347	1894	1907	1914	rBV	408953	626627	62.42%	12.279%
10	14.340	2066	2070	2075	rVB4	7609	10491	1.05%	0.206%
11	14.602	2107	2113	2117	rBV8	5348	10210	1.02%	0.200%
12	14.651	2117	2121	2128	rVB3	16655	25570	2.55%	0.501%
13	14.767	2136	2140	2142	rBV4	11756	15889	1.58%	0.311%
14	14.852	2149	2154	2159	rVB9	5987	12052	1.20%	0.236%
15	14.956	2167	2171	2175	rBV7	5801	11004	1.10%	0.216%
16	15.127	2193	2199	2203	rBV4	16394	29453	2.93%	0.577%
17	15.346	2231	2235	2240	rBV5	12937	18892	1.88%	0.370%
18	15.511	2259	2262	2266	rVB5	10296	15999	1.59%	0.314%
19	16.053	2347	2351	2359	rVB9	5337	10407	1.04%	0.204%
20	16.401	2404	2408	2415	rVB10	5702	12572	1.25%	0.246%

Sum of corrected areas: 5103277

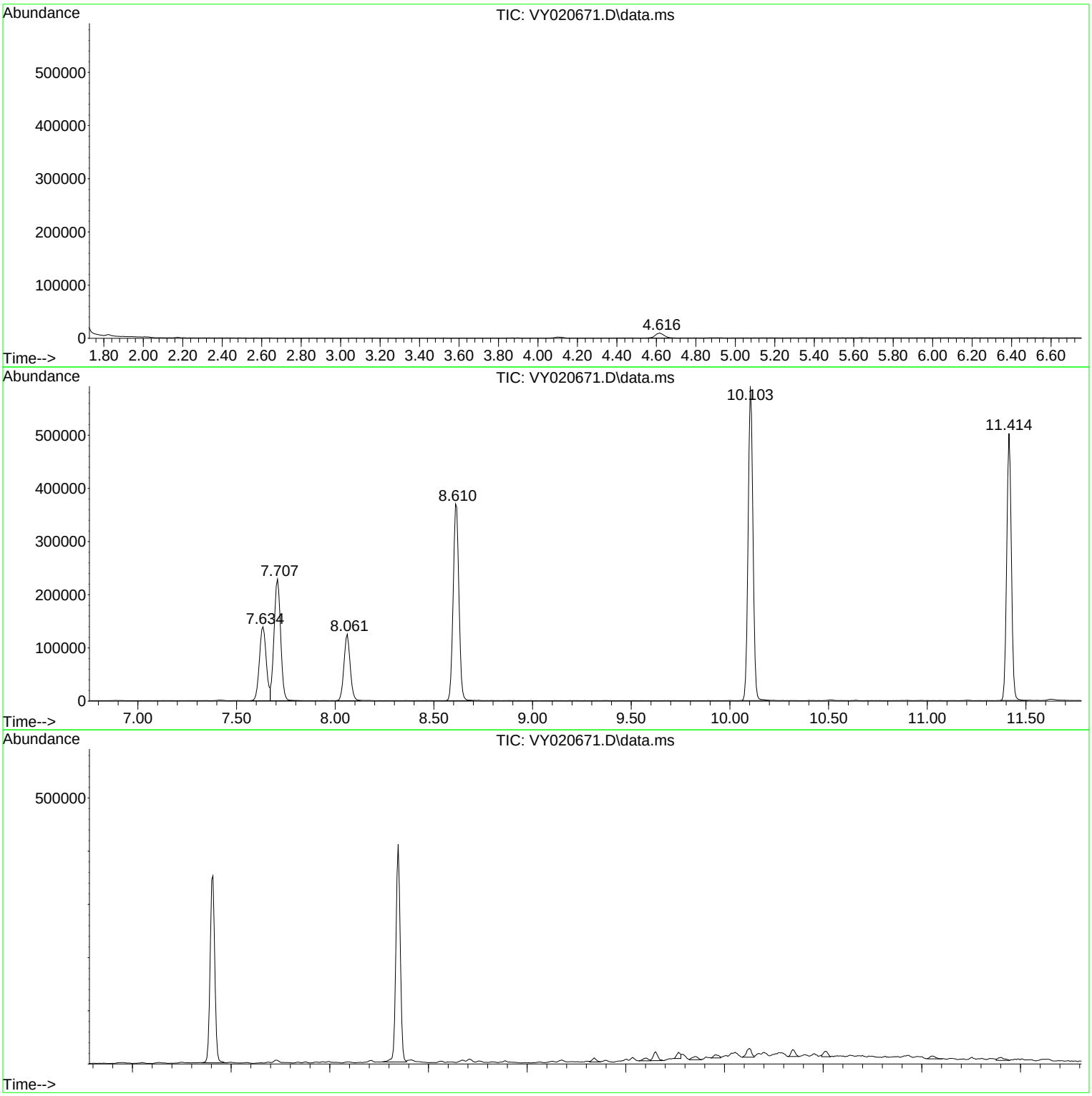
Sample Results: **VY020671.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020671.D
Acq On : 20 Dec 2024 15:21
Operator : SY/MD
Sample : P5316-03
Misc : 5.36g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Sample Results: **VY020671.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020671.D
Acq On : 20 Dec 2024 15:21
Operator : SY/MD
Sample : P5316-03
Misc : 5.36g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020671.D
Acq On : 20 Dec 2024 15:21
Operator : SY/MD
Sample : P5316-03
Misc : 5.36g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **VY020672.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	12/17/24
Project:	CTO WE13	Date Received:	12/17/24
Client Sample ID:	TT-304-IDWSO-20241217-4	SDG No.:	P5316
Lab Sample ID:	P5316-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	72.3
Sample Wt/Vol:	5.56 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020672.D	1		12/20/24 15:44	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-01-4	Vinyl Chloride	3.10	U	0.96	3.10	6.20	ug/Kg
75-35-4	1,1-Dichloroethene	3.10	U	0.97	3.10	6.20	ug/Kg
67-64-1	Acetone	24.9	U	7.80	24.9	31.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	3.10	U	0.83	3.10	6.20	ug/Kg
75-09-2	Methylene Chloride	10.0	U	4.20	10.0	12.4	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.10	U	1.00	3.10	6.20	ug/Kg
75-34-3	1,1-Dichloroethane	3.10	U	0.78	3.10	6.20	ug/Kg
78-93-3	2-Butanone	24.9	U	7.10	24.9	31.1	ug/Kg
56-23-5	Carbon Tetrachloride	3.10	U	1.10	3.10	6.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	3.10	U	0.76	3.10	6.20	ug/Kg
67-66-3	Chloroform	5.00	U	0.83	5.00	6.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	3.10	U	0.97	3.10	6.20	ug/Kg
71-43-2	Benzene	3.10	U	0.90	3.10	6.20	ug/Kg
107-06-2	1,2-Dichloroethane	3.10	U	0.76	3.10	6.20	ug/Kg
79-01-6	Trichloroethene	3.10	U	0.93	3.10	6.20	ug/Kg
108-88-3	Toluene	3.10	U	0.83	3.10	6.20	ug/Kg
127-18-4	Tetrachloroethene	3.10	U	1.10	3.10	6.20	ug/Kg
108-90-7	Chlorobenzene	3.10	U	0.92	3.10	6.20	ug/Kg
100-41-4	Ethyl Benzene	3.10	U	0.77	3.10	6.20	ug/Kg
1330-20-7	Total Xylenes	9.30	U	2.57	9.30	18.6	ug/Kg
103-65-1	n-propylbenzene	3.10	U	0.80	3.10	6.20	ug/Kg
98-06-6	tert-Butylbenzene	3.10	U	0.83	3.10	6.20	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.10	U	1.70	3.10	6.20	ug/Kg
135-98-8	sec-Butylbenzene	3.10	U	0.83	3.10	6.20	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.10	U	0.92	3.10	6.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.10	U	1.00	3.10	6.20	ug/Kg
104-51-8	n-Butylbenzene	3.10	U	0.78	3.10	6.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	3.10	U	0.73	3.10	6.20	ug/Kg
123-91-1	1,4-Dioxane	99.5	U	52.9	99.5	120	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	34.9	*	71 - 136		70%	SPK: 50

Raw Data: **VY020672.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	12/17/24
Project:	CTO WE13	Date Received:	12/17/24
Client Sample ID:	TT-304-IDWSO-20241217-4	SDG No.:	P5316
Lab Sample ID:	P5316-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	72.3
Sample Wt/Vol:	5.56 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020672.D	1		12/20/24 15:44	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1868-53-7	Dibromofluoromethane	42.9		78 - 119		86%	SPK: 50
2037-26-5	Toluene-d8	45.2		85 - 116		90%	SPK: 50
460-00-4	4-Bromofluorobenzene	21.7	*	79 - 119		43%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	21200	7.713				
540-36-3	1,4-Difluorobenzene	29900	8.616				
3114-55-4	Chlorobenzene-d5	18800	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	4330	13.347				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020672.D
Acq On : 20 Dec 2024 15:44
Operator : SY/MD
Sample : P5316-04
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4

Quant Time: Dec 20 18:09:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	21219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	29944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	18784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	4327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	8111	34.902	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 69.800%			
35) Dibromofluoromethane	7.640	113	9056	42.912	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 85.820%			
50) Toluene-d8	10.103	98	33418	45.241	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 90.480%			
62) 4-Bromofluorobenzene	12.408	95	6269	21.696	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 43.400%			
Target Compounds						Qvalue
20) Methylene Chloride	4.622	84	717m	2.481	ug/l	

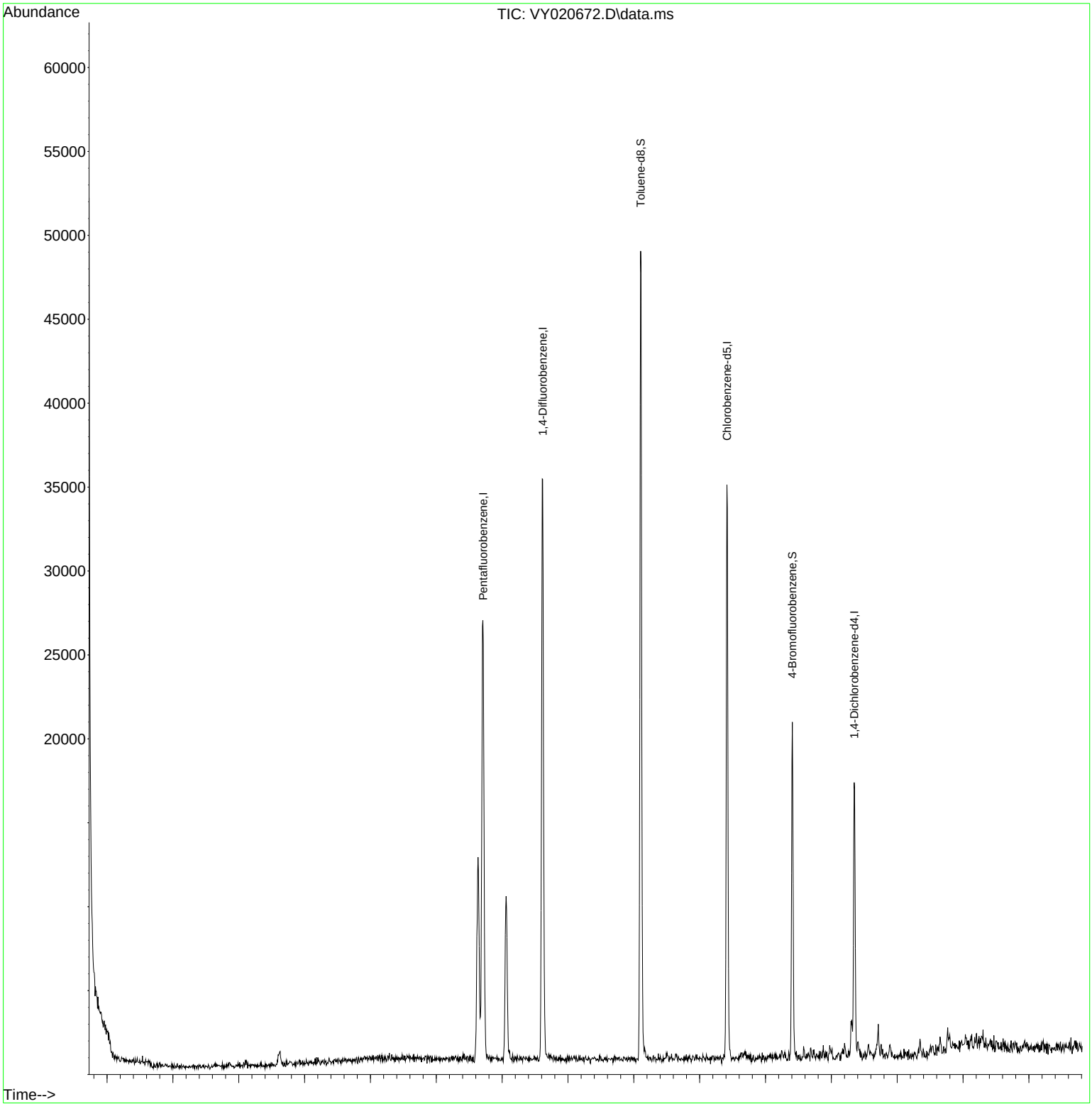
(#) = qualifier out of range (m) = manual integration (+) = signals summed

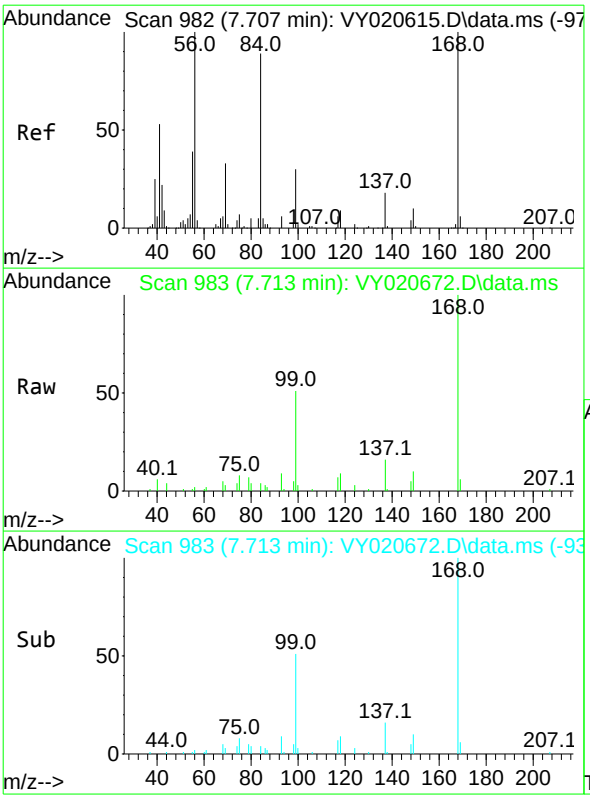
Sample Results: **VY020672.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020672.D
Acq On : 20 Dec 2024 15:44
Operator : SY/MD
Sample : P5316-04
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4

Quant Time: Dec 20 18:09:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration



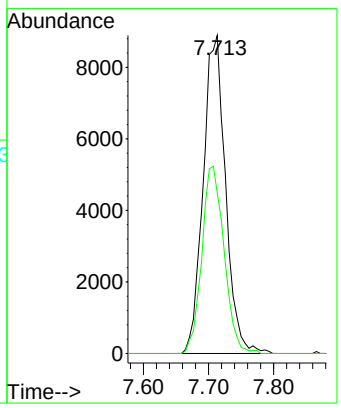


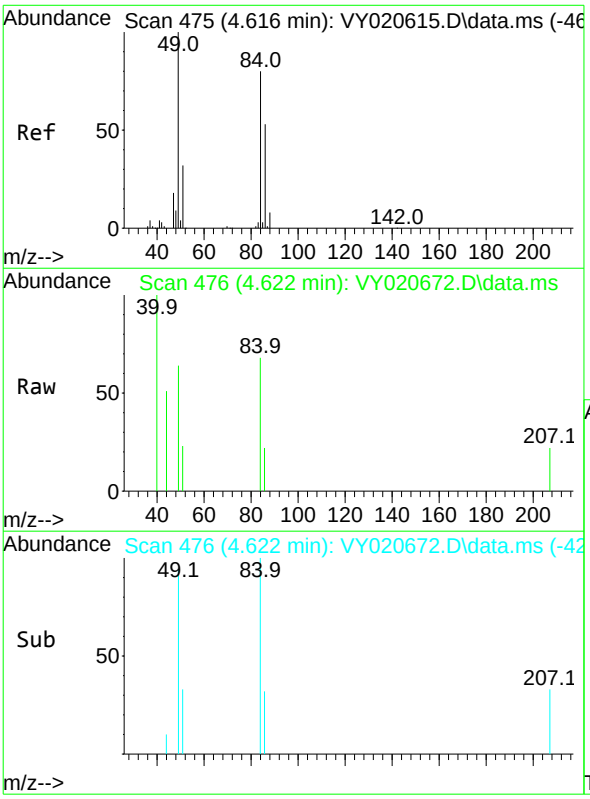
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4

Tgt Ion:168 Resp: 21219

Ion	Ratio	Lower	Upper
168	100		
99	50.6	47.0	70.6

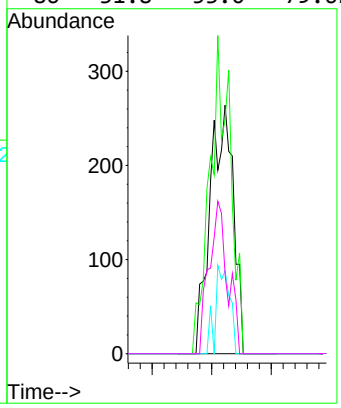


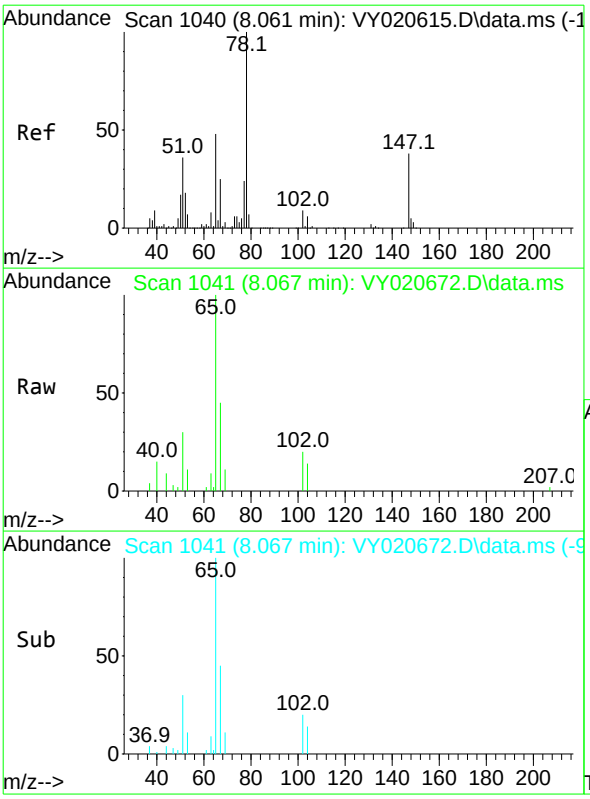


#20
Methylene Chloride
Concen: 2.481 ug/l m
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44

Tgt Ion: 84 Resp: 717

Ion	Ratio	Lower	Upper
84	100		
49	94.3	100.7	151.1#
51	33.3	32.2	48.2
86	31.8	53.0	79.6#



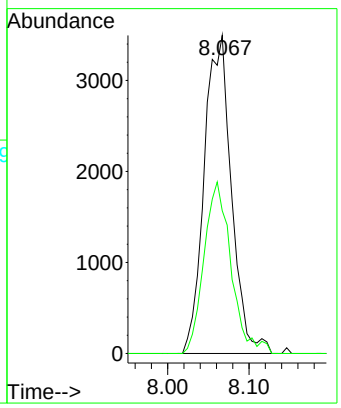


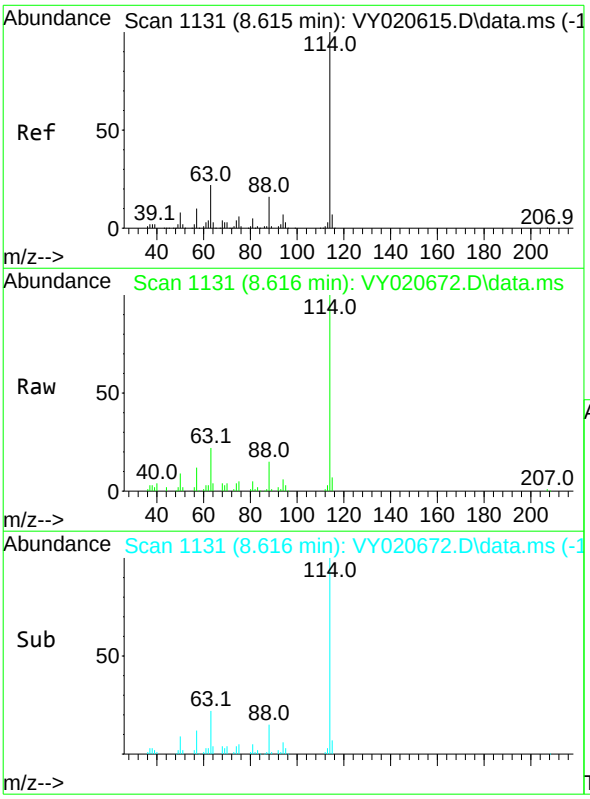
#33
1,2-Dichloroethane-d4
Concen: 34.902 ug/l
RT: 8.067 min Scan# 10
Delta R.T. 0.006 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4

Tgt Ion: 65 Resp: 8111

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	108.0

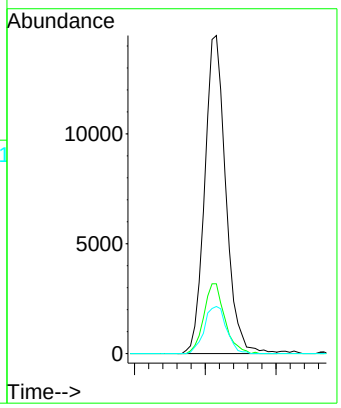


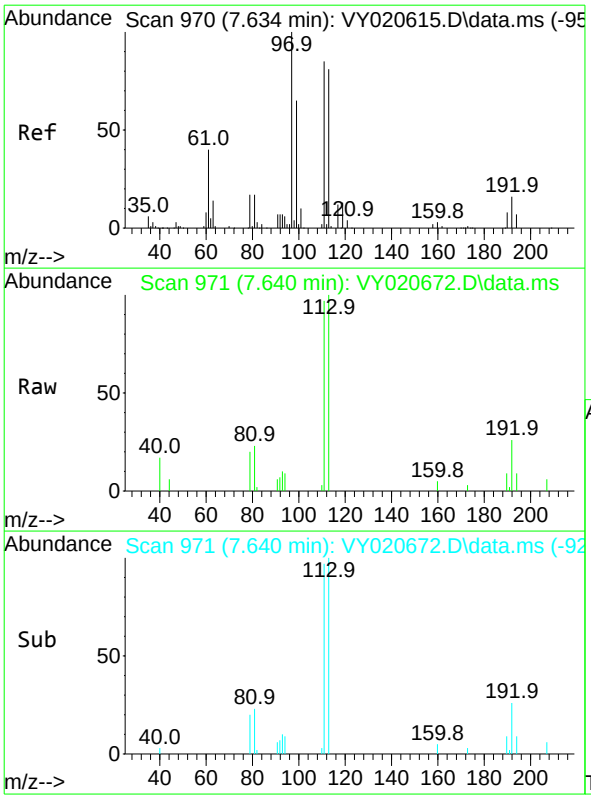


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44

Tgt Ion:114 Resp: 29944

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.0
88	14.8	0.0	32.8



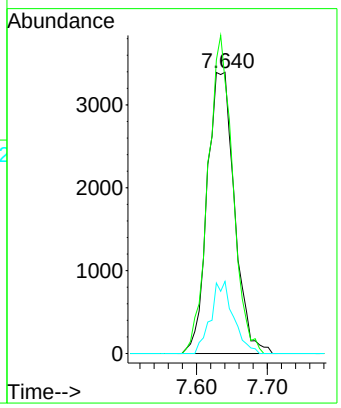


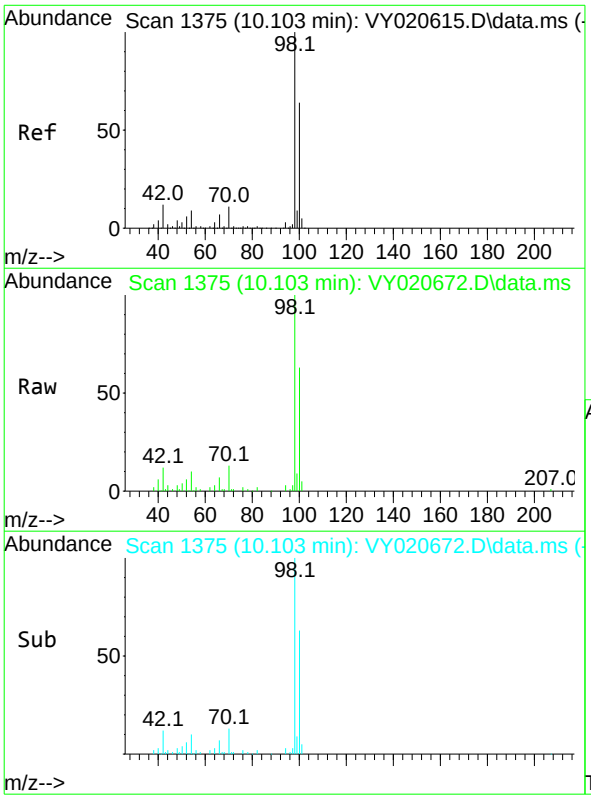
#35
Dibromofluoromethane
Concen: 42.912 ug/l
RT: 7.640 min Scan# 97
Delta R.T. 0.006 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4

Tgt Ion:113 Resp: 9056

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	21.3	15.7	23.5

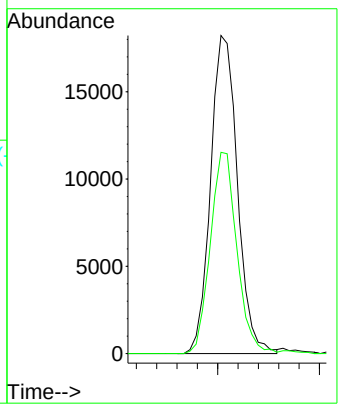


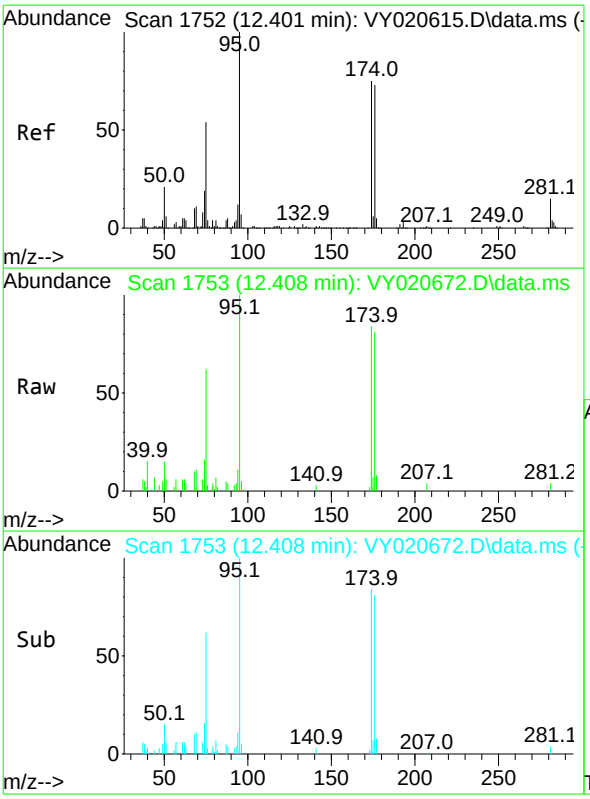


#50
Toluene-d8
Concen: 45.241 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44

Tgt Ion: 98 Resp: 33418

Ion	Ratio	Lower	Upper
98	100		
100	63.2	52.1	78.1



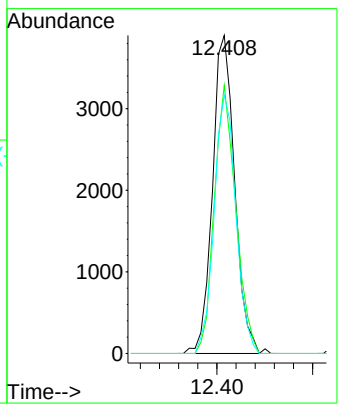


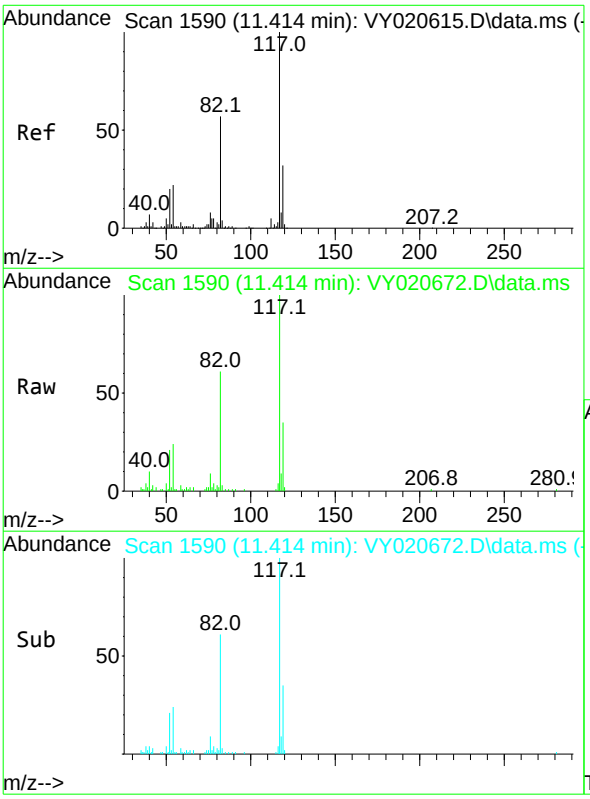
#62
4-Bromofluorobenzene
Concen: 21.696 ug/l
RT: 12.408 min Scan# 17
Delta R.T. 0.006 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4

Tgt Ion: 95 Resp: 6269

Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	161.8
176	79.9	0.0	156.6

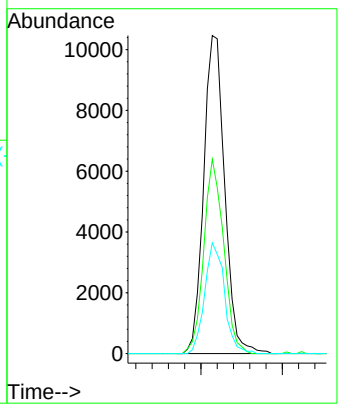


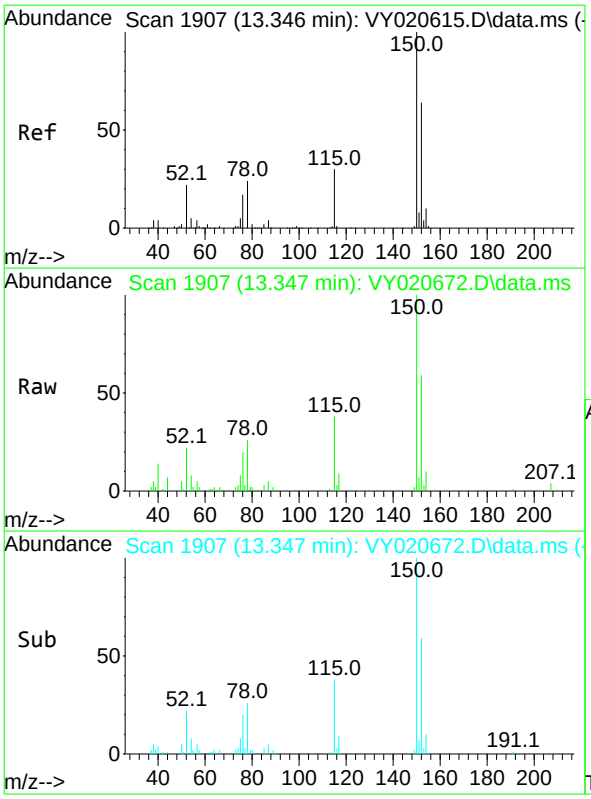


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44

Tgt Ion:117 Resp: 18784

Ion	Ratio	Lower	Upper
117	100		
82	61.1	45.8	68.6
119	34.8	25.3	37.9



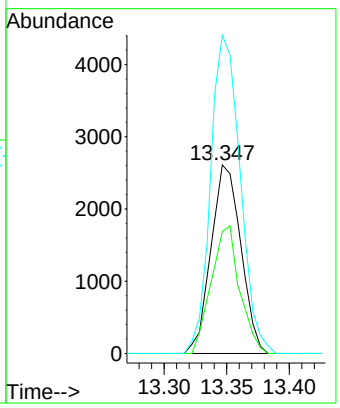


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 19
Delta R.T. 0.000 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4

Tgt Ion:152 Resp: 4327

Ion	Ratio	Lower	Upper
152	100		
115	64.4	30.2	90.6
150	167.4	0.0	355.4



Sample Results: **VY020672.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020672.D
Acq On : 20 Dec 2024 15:44
Operator : SY/MD
Sample : P5316-04
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Title : SW846 8260

Signal : TIC: VY020672.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.634	961	970	975	rBV2	12225	29830	34.03%	7.083%
2	7.707	976	982	991	rVB2	26090	61287	69.92%	14.552%
3	8.061	1033	1040	1046	rBV2	9898	22429	25.59%	5.325%
4	8.610	1122	1130	1139	rBV	34680	71754	81.86%	17.037%
5	10.103	1369	1375	1384	rBV	48213	87656	100.00%	20.813%
6	11.201	1549	1555	1558	rBV3	493	1228	1.40%	0.292%
7	11.414	1584	1590	1601	rVB	34313	59963	68.41%	14.237%
8	12.408	1746	1753	1760	rBV2	20165	33641	38.38%	7.988%
9	12.688	1797	1799	1804	rBV3	788	1168	1.33%	0.277%
10	13.109	1864	1868	1872	rVB5	479	930	1.06%	0.221%
11	13.200	1881	1883	1891	rVB6	840	1144	1.31%	0.272%
12	13.310	1896	1901	1903	rVV3	2251	4033	4.60%	0.958%
13	13.347	1903	1907	1914	rVV2	16387	28276	32.26%	6.714%
14	13.401	1914	1916	1923	rVB5	950	1813	2.07%	0.430%
15	13.566	1938	1943	1946	rBV4	731	1128	1.29%	0.268%
16	13.712	1958	1967	1972	rBV4	1936	3457	3.94%	0.821%
17	13.889	1990	1996	2000	rVV6	797	1532	1.75%	0.364%
18	14.346	2068	2071	2076	rVV6	1130	1676	1.91%	0.398%
19	14.541	2099	2103	2109	rVV5	531	933	1.06%	0.222%
20	14.651	2118	2121	2126	rVB5	998	1484	1.69%	0.352%
21	14.767	2135	2140	2142	rBV5	1517	1992	2.27%	0.473%
22	15.121	2194	2198	2199	rBV4	769	898	1.02%	0.213%
23	15.206	2209	2212	2214	rVB4	909	890	1.02%	0.211%
24	16.218	2374	2378	2380	rVB4	709	936	1.07%	0.222%
25	16.303	2390	2392	2397	rBV4	601	1088	1.24%	0.258%

Sum of corrected areas: 421166

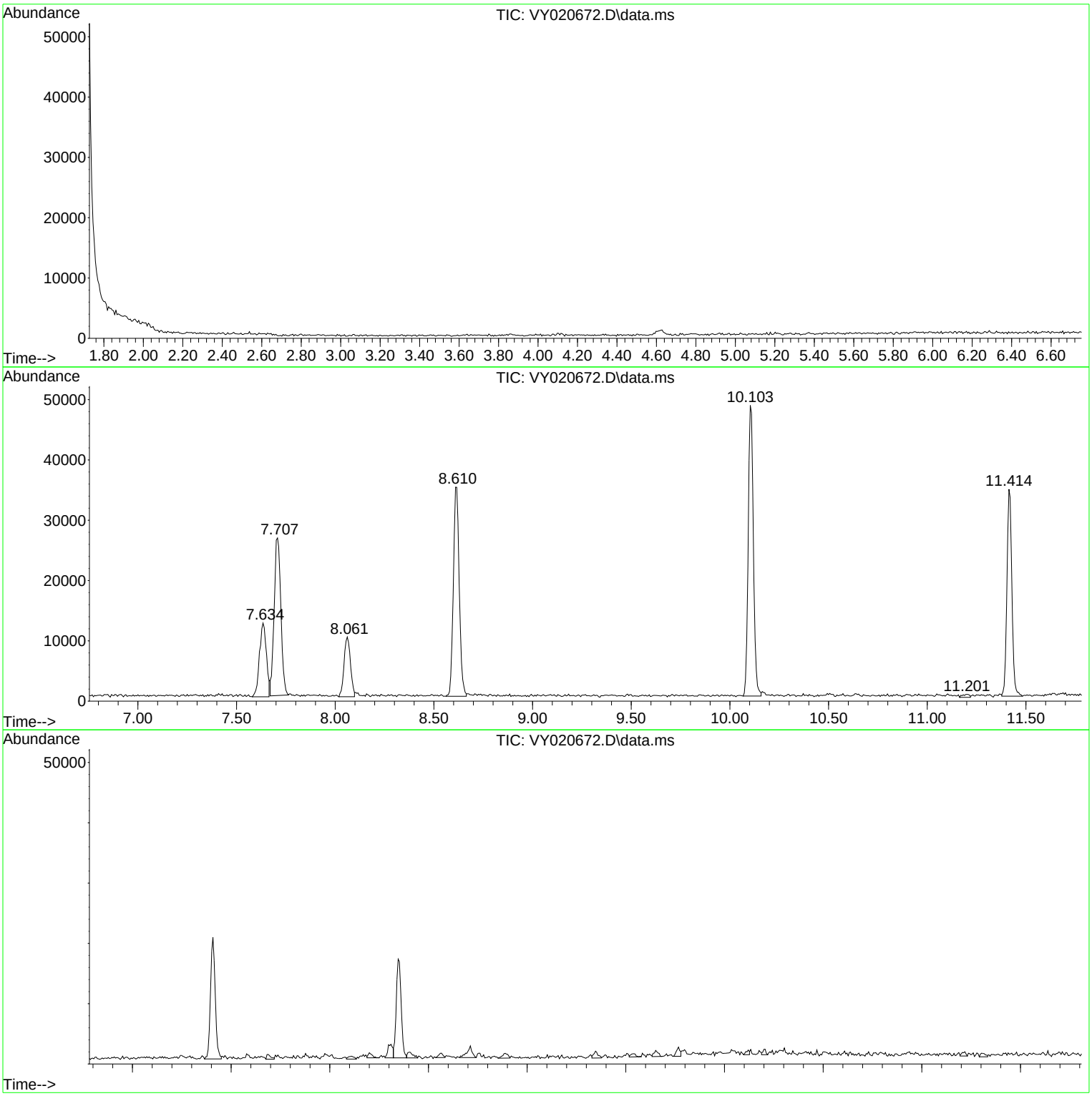
Sample Results: **VY020672.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020672.D
Acq On : 20 Dec 2024 15:44
Operator : SY/MD
Sample : P5316-04
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Sample Results: **VY020672.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020672.D
Acq On : 20 Dec 2024 15:44
Operator : SY/MD
Sample : P5316-04
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020672.D
Acq On : 20 Dec 2024 15:44
Operator : SY/MD
Sample : P5316-04
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **VY020675.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	12/17/24
Project:	CTO WE13	Date Received:	12/17/24
Client Sample ID:	TT-304-IDWSO-20241217-4RE	SDG No.:	P5316
Lab Sample ID:	P5316-04RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	72.3
Sample Wt/Vol:	5.36 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020675.D	1		12/20/24 16:52	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-01-4	Vinyl Chloride	3.20	U	0.99	3.20	6.50	ug/Kg
75-35-4	1,1-Dichloroethene	3.20	U	1.00	3.20	6.50	ug/Kg
67-64-1	Acetone	25.8	U	8.10	25.8	32.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	3.20	U	0.86	3.20	6.50	ug/Kg
75-09-2	Methylene Chloride	10.3	U	4.40	10.3	12.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.20	U	1.10	3.20	6.50	ug/Kg
75-34-3	1,1-Dichloroethane	3.20	U	0.81	3.20	6.50	ug/Kg
78-93-3	2-Butanone	25.8	U	7.30	25.8	32.3	ug/Kg
56-23-5	Carbon Tetrachloride	3.20	U	1.10	3.20	6.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	3.20	U	0.79	3.20	6.50	ug/Kg
67-66-3	Chloroform	5.20	U	0.86	5.20	6.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	3.20	U	1.00	3.20	6.50	ug/Kg
71-43-2	Benzene	3.20	U	0.93	3.20	6.50	ug/Kg
107-06-2	1,2-Dichloroethane	3.20	U	0.79	3.20	6.50	ug/Kg
79-01-6	Trichloroethene	3.20	U	0.97	3.20	6.50	ug/Kg
108-88-3	Toluene	3.20	U	0.86	3.20	6.50	ug/Kg
127-18-4	Tetrachloroethene	3.20	U	1.10	3.20	6.50	ug/Kg
108-90-7	Chlorobenzene	3.20	U	0.95	3.20	6.50	ug/Kg
100-41-4	Ethyl Benzene	3.20	U	0.80	3.20	6.50	ug/Kg
1330-20-7	Total Xylenes	9.70	U	2.60	9.70	19.4	ug/Kg
103-65-1	n-propylbenzene	3.20	U	0.83	3.20	6.50	ug/Kg
98-06-6	tert-Butylbenzene	3.20	U	0.86	3.20	6.50	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.20	U	1.80	3.20	6.50	ug/Kg
135-98-8	sec-Butylbenzene	3.20	U	0.86	3.20	6.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.20	U	0.95	3.20	6.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.20	U	1.00	3.20	6.50	ug/Kg
104-51-8	n-Butylbenzene	3.20	U	0.81	3.20	6.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	3.20	U	0.76	3.20	6.50	ug/Kg
123-91-1	1,4-Dioxane	100	U	54.8	100	130	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.8		71 - 136		102%	SPK: 50

Raw Data: **VY020675.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	12/17/24
Project:	CTO WE13	Date Received:	12/17/24
Client Sample ID:	TT-304-IDWSO-20241217-4RE	SDG No.:	P5316
Lab Sample ID:	P5316-04RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	72.3
Sample Wt/Vol:	5.36 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020675.D	1		12/20/24 16:52	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1868-53-7	Dibromofluoromethane	45.9		78 - 119		92%	SPK: 50
2037-26-5	Toluene-d8	48.7		85 - 116		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	35.3	*	79 - 119		71%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	164000	7.707				
540-36-3	1,4-Difluorobenzene	291000	8.616				
3114-55-4	Chlorobenzene-d5	242000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	90500	13.346				
TENTATIVE IDENTIFIED COMPOUNDS							
75-43-4	Dichlorofluoromethane	N.D					

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Sample Results: **VY020675.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020675.D
Acq On : 20 Dec 2024 16:52
Operator : SY/MD
Sample : P5316-04RE
Misc : 5.36g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4RE

Quant Time: Dec 20 18:11:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	164449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	291183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	241631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	90485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	91496	50.801	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.600%			
35) Dibromofluoromethane	7.634	113	94126	45.866	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.740%			
50) Toluene-d8	10.103	98	349801	48.699	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.400%			
62) 4-Bromofluorobenzene	12.401	95	99228	35.315	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 70.640%			
Target Compounds						Qvalue
20) Methylene Chloride	4.616	84	6156	2.749	ug/l	89

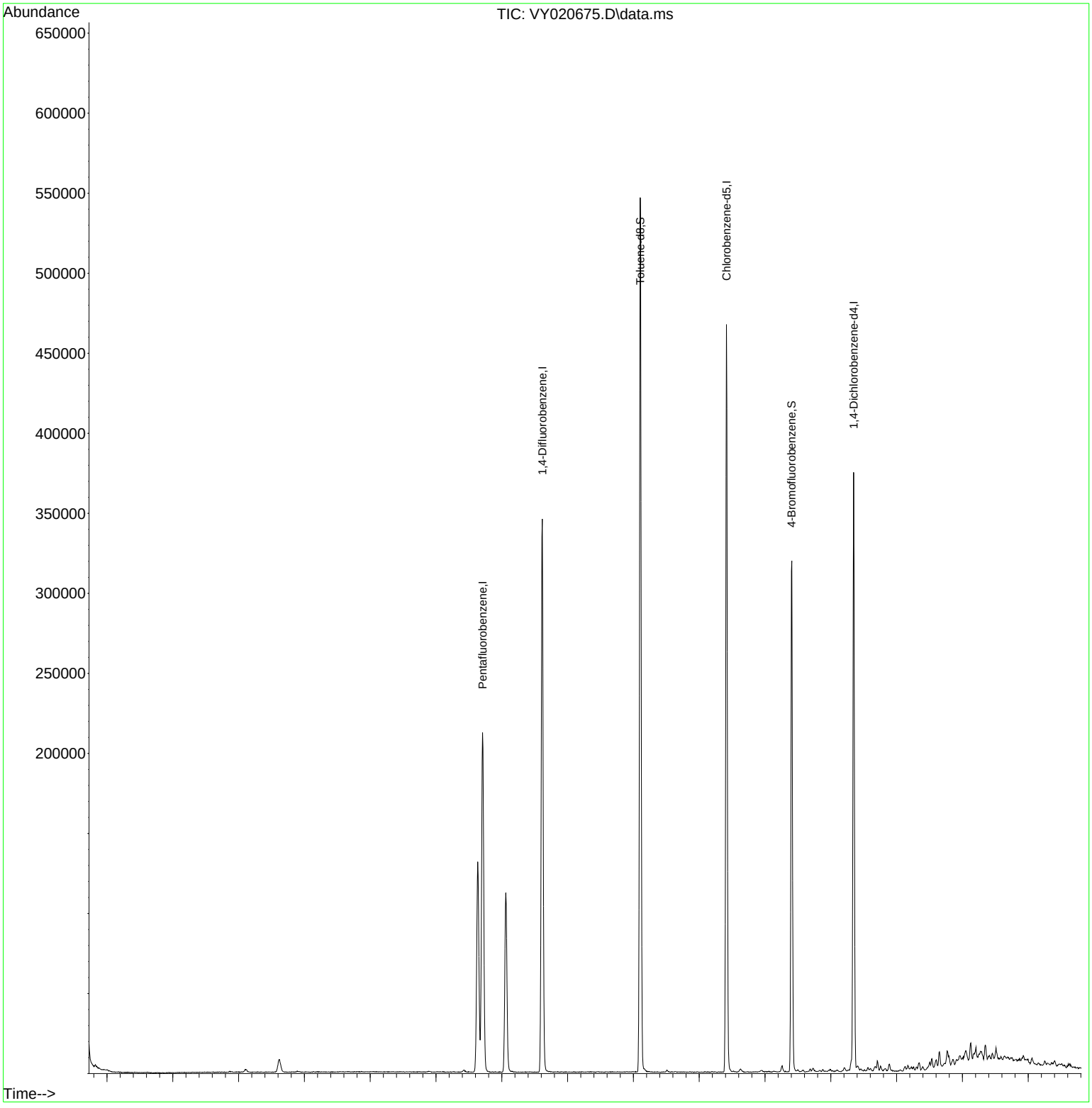
(#) = qualifier out of range (m) = manual integration (+) = signals summed

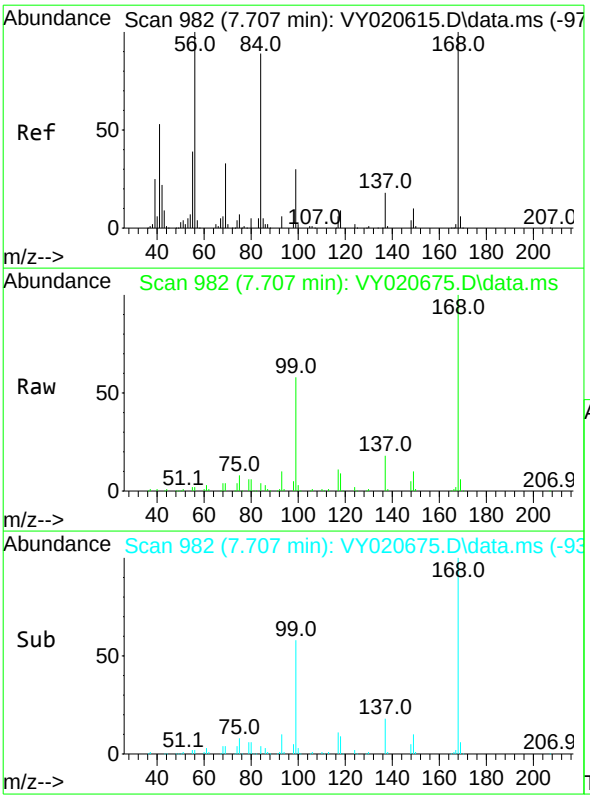
Sample Results: **VY020675.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020675.D
Acq On : 20 Dec 2024 16:52
Operator : SY/MD
Sample : P5316-04RE
Misc : 5.36g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4RE

Quant Time: Dec 20 18:11:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration



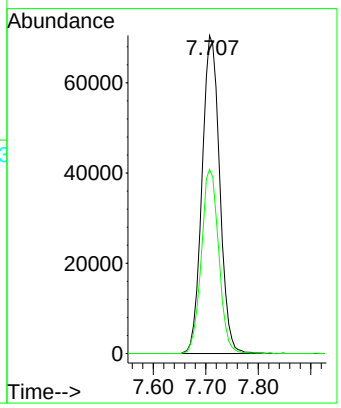


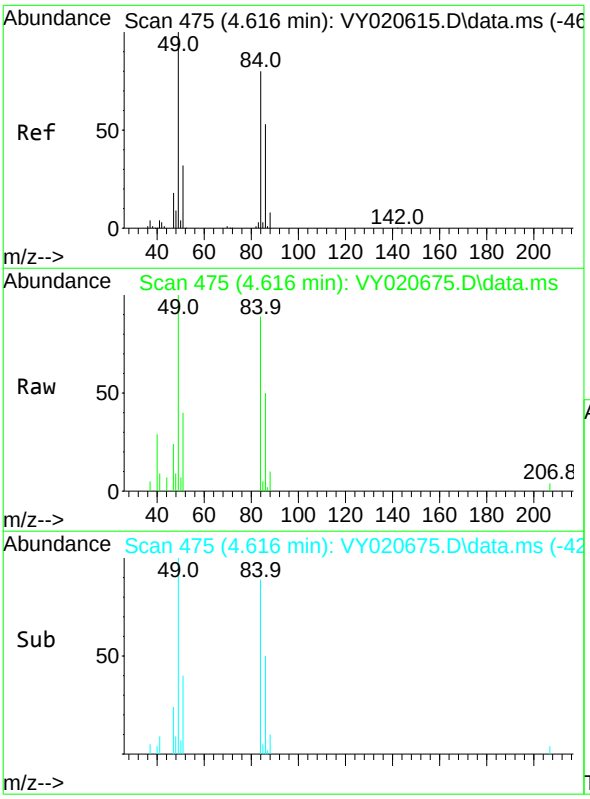
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020675.D
Acq: 20 Dec 2024 16:52

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4RE

Tgt Ion:168 Resp: 164449

Ion	Ratio	Lower	Upper
168	100		
99	57.9	47.0	70.6

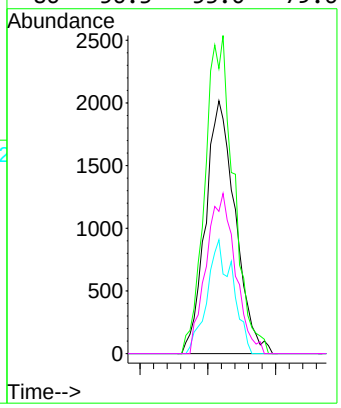


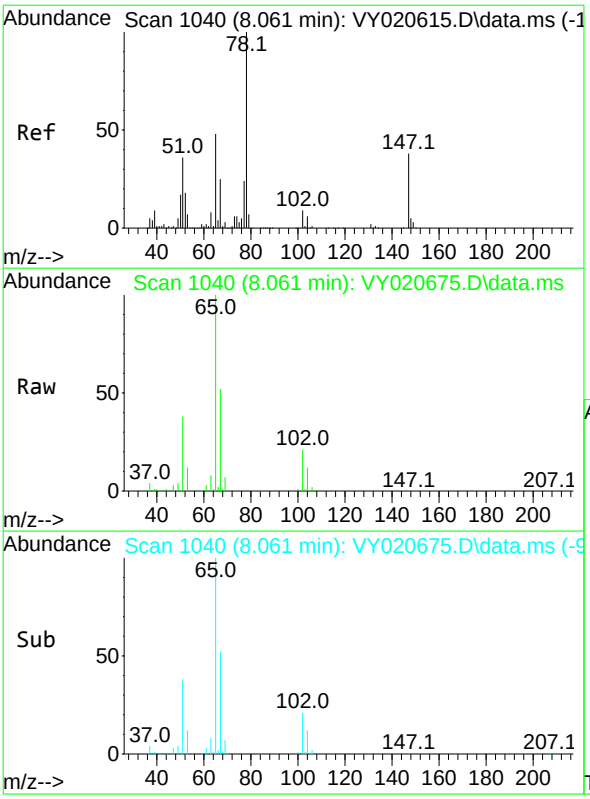


#20
Methylene Chloride
Concen: 2.749 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020675.D
Acq: 20 Dec 2024 16:52

Tgt Ion: 84 Resp: 6156

Ion	Ratio	Lower	Upper
84	100		
49	112.8	100.7	151.1
51	45.0	32.2	48.2
86	56.3	53.0	79.6



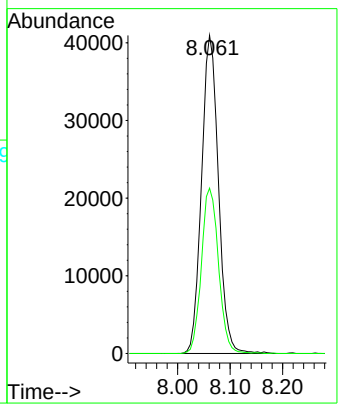


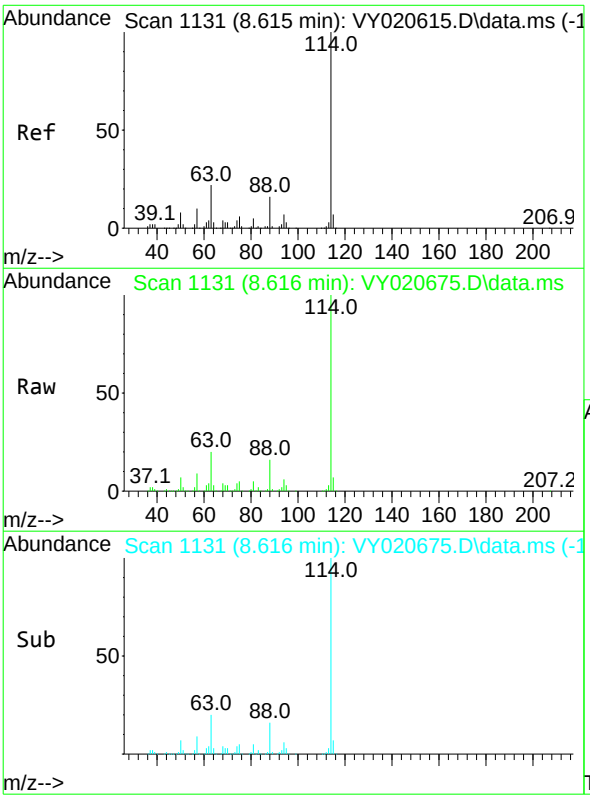
#33
1,2-Dichloroethane-d4
Concen: 50.801 ug/l
RT: 8.061 min Scan# 10
Delta R.T. 0.000 min
Lab File: VY020675.D
Acq: 20 Dec 2024 16:52

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4RE

Tgt Ion: 65 Resp: 91496

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	108.0

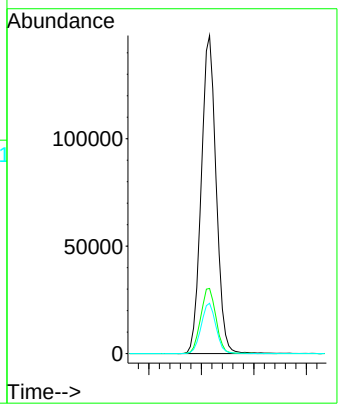


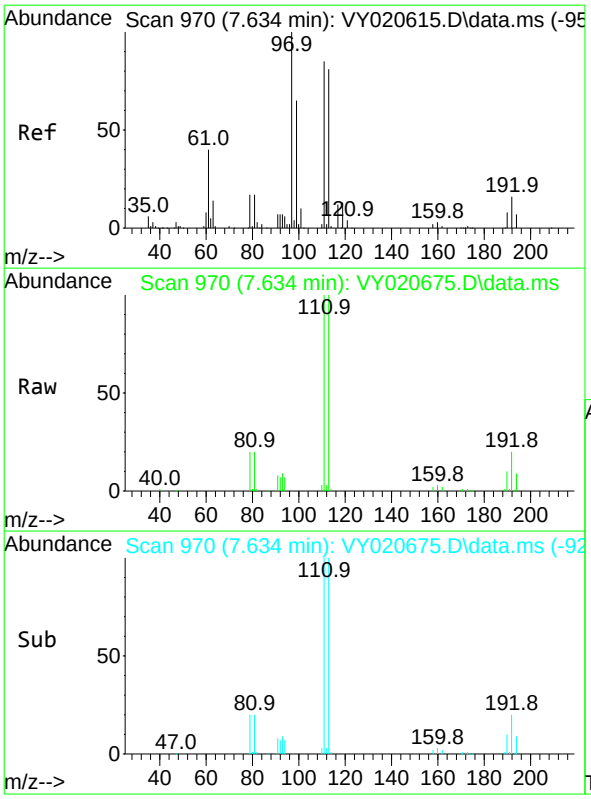


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020675.D
Acq: 20 Dec 2024 16:52

Tgt Ion:114 Resp: 291183

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	44.0
88	15.8	0.0	32.8



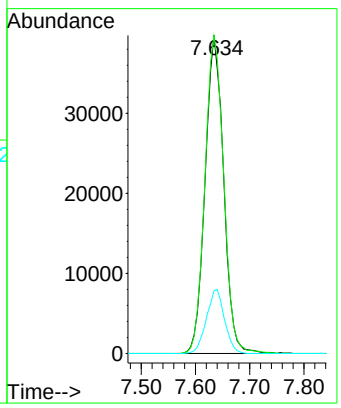


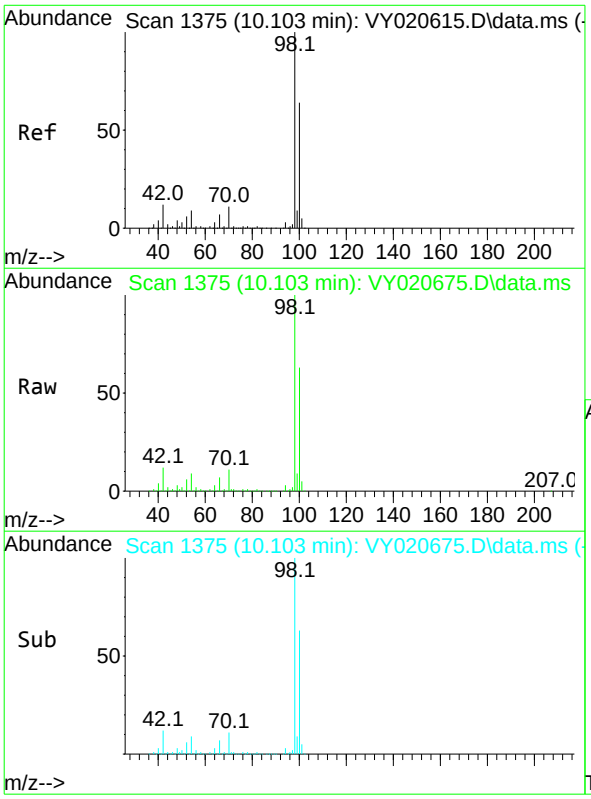
#35
Dibromofluoromethane
Concen: 45.866 ug/l
RT: 7.634 min Scan# 97
Delta R.T. 0.000 min
Lab File: VY020675.D
Acq: 20 Dec 2024 16:52

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4RE

Tgt Ion:113 Resp: 94126

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.9	124.3
192	19.7	15.7	23.5

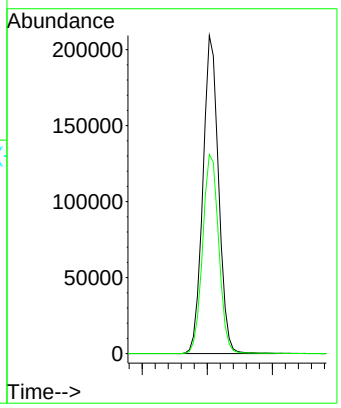


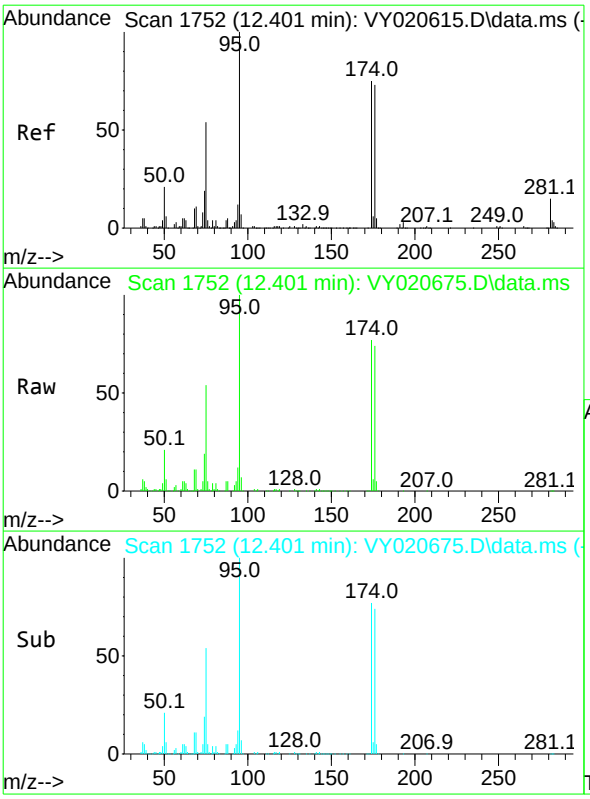


#50
Toluene-d8
Concen: 48.699 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020675.D
Acq: 20 Dec 2024 16:52

Tgt Ion: 98 Resp: 349801

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.1	78.1



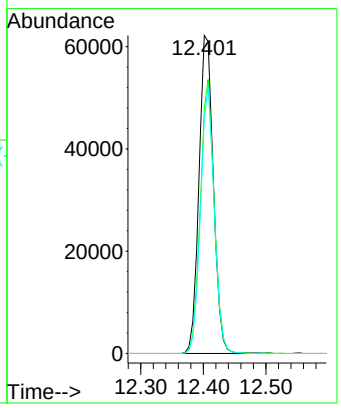


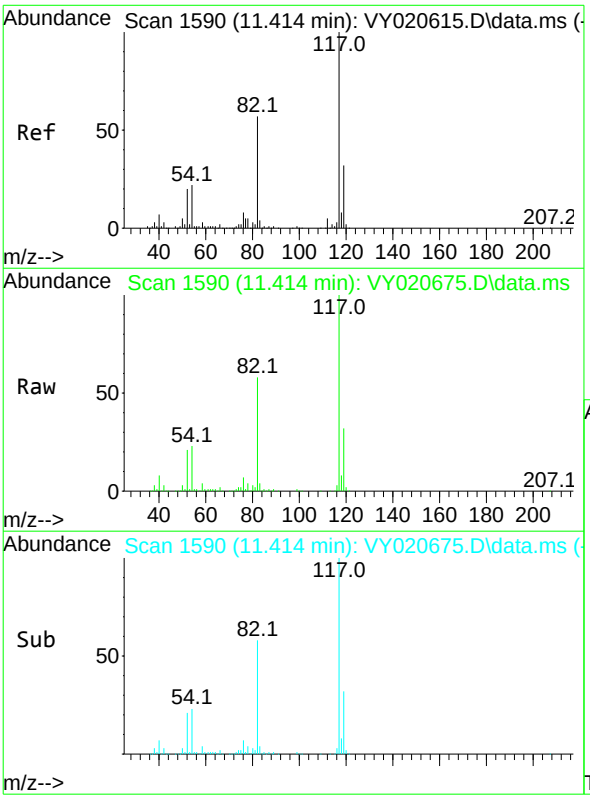
#62
4-Bromofluorobenzene
Concen: 35.315 ug/l
RT: 12.401 min Scan# 17
Delta R.T. 0.000 min
Lab File: VY020675.D
Acq: 20 Dec 2024 16:52

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4RE

Tgt Ion: 95 Resp: 99228

Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	161.8
176	79.5	0.0	156.6

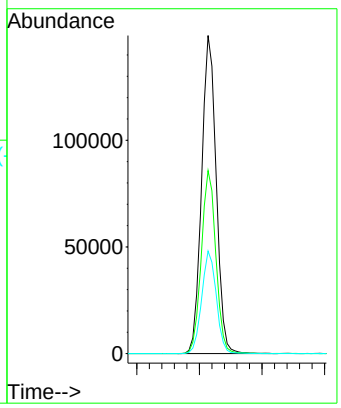


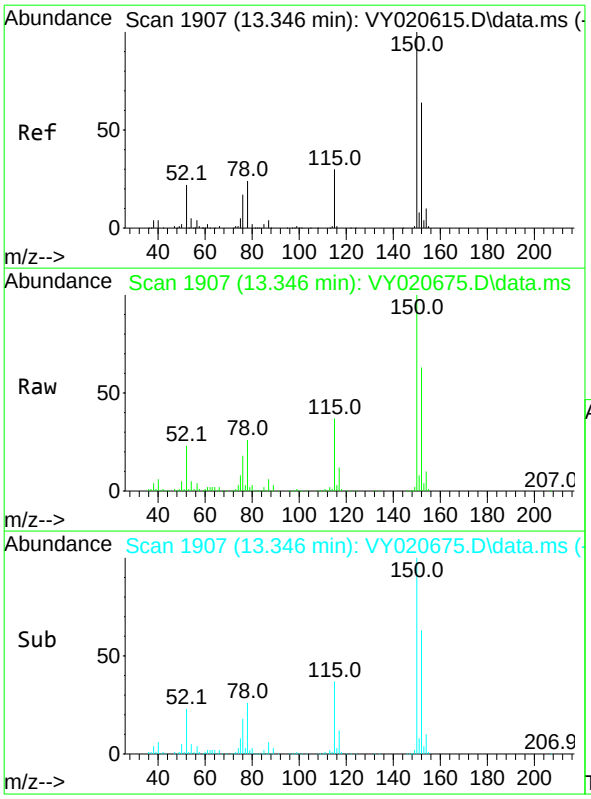


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020675.D
Acq: 20 Dec 2024 16:52

Tgt Ion:117 Resp: 241631

Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.8	68.6
119	32.2	25.3	37.9



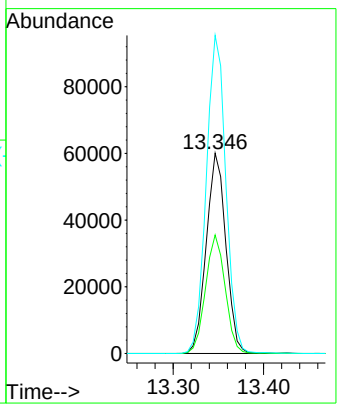


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 19
Delta R.T. 0.000 min
Lab File: VY020675.D
Acq: 20 Dec 2024 16:52

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4RE

Tgt Ion:152 Resp: 90485

Ion	Ratio	Lower	Upper
152	100		
115	59.2	30.2	90.6
150	158.7	0.0	355.4



CALIBRATION SUMMARY

QC SAMPLE DATA

Raw Data: **VY020714.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	CTO WE13	Date Received:	
Client Sample ID:	VY1226SBL01	SDG No.:	P5316
Lab Sample ID:	VY1226SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020714.D	1		12/26/24 13:56	VY122624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-01-4	Vinyl Chloride	2.50	U	0.77	2.50	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	2.50	U	0.78	2.50	5.00	ug/Kg
67-64-1	Acetone	20.0	U	6.20	20.0	25.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.50	U	0.67	2.50	5.00	ug/Kg
75-09-2	Methylene Chloride	8.00	U	3.40	8.00	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.50	U	0.84	2.50	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	2.50	U	0.63	2.50	5.00	ug/Kg
78-93-3	2-Butanone	20.0	U	5.70	20.0	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	2.50	U	0.87	2.50	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.50	U	0.61	2.50	5.00	ug/Kg
67-66-3	Chloroform	4.00	U	0.67	4.00	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.50	U	0.78	2.50	5.00	ug/Kg
71-43-2	Benzene	2.50	U	0.72	2.50	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	2.50	U	0.61	2.50	5.00	ug/Kg
79-01-6	Trichloroethene	2.50	U	0.75	2.50	5.00	ug/Kg
108-88-3	Toluene	2.50	U	0.67	2.50	5.00	ug/Kg
127-18-4	Tetrachloroethene	2.50	U	0.89	2.50	5.00	ug/Kg
108-90-7	Chlorobenzene	2.50	U	0.74	2.50	5.00	ug/Kg
100-41-4	Ethyl Benzene	2.50	U	0.62	2.50	5.00	ug/Kg
1330-20-7	Total Xylenes	7.50	U	2.10	7.50	15.0	ug/Kg
103-65-1	n-propylbenzene	2.50	U	0.64	2.50	5.00	ug/Kg
98-06-6	tert-Butylbenzene	2.50	U	0.67	2.50	5.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	2.50	U	1.40	2.50	5.00	ug/Kg
135-98-8	sec-Butylbenzene	2.50	U	0.67	2.50	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.50	U	0.74	2.50	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.50	U	0.80	2.50	5.00	ug/Kg
104-51-8	n-Butylbenzene	2.50	U	0.63	2.50	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.50	U	0.59	2.50	5.00	ug/Kg
123-91-1	1,4-Dioxane	80.0	U	42.5	80.0	100	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	64.7		71 - 136		129%	SPK: 50

Raw Data: **VY020714.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	CTO WE13	Date Received:	
Client Sample ID:	VY1226SBL01	SDG No.:	P5316
Lab Sample ID:	VY1226SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020714.D	1		12/26/24 13:56	VY122624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1868-53-7	Dibromofluoromethane	57.6		78 - 119		115%	SPK: 50
2037-26-5	Toluene-d8	52.6		85 - 116		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.0		79 - 119		102%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	99500	7.719				
540-36-3	1,4-Difluorobenzene	157000	8.622				
3114-55-4	Chlorobenzene-d5	134000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	56300	13.352				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
Data File : VY020714.D
Acq On : 26 Dec 2024 13:56
Operator : SY/MD
Sample : VY1226SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBL01

Quant Time: Dec 26 16:15:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	99549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	157271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	133794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	56315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	52717	64.652	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.300%			
35) Dibromofluoromethane	7.640	113	49885	57.586	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.180%			
50) Toluene-d8	10.109	98	181408	52.569	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.140%			
62) 4-Bromofluorobenzene	12.407	95	58692	50.981	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 101.960%			
Target Compounds						Qvalue

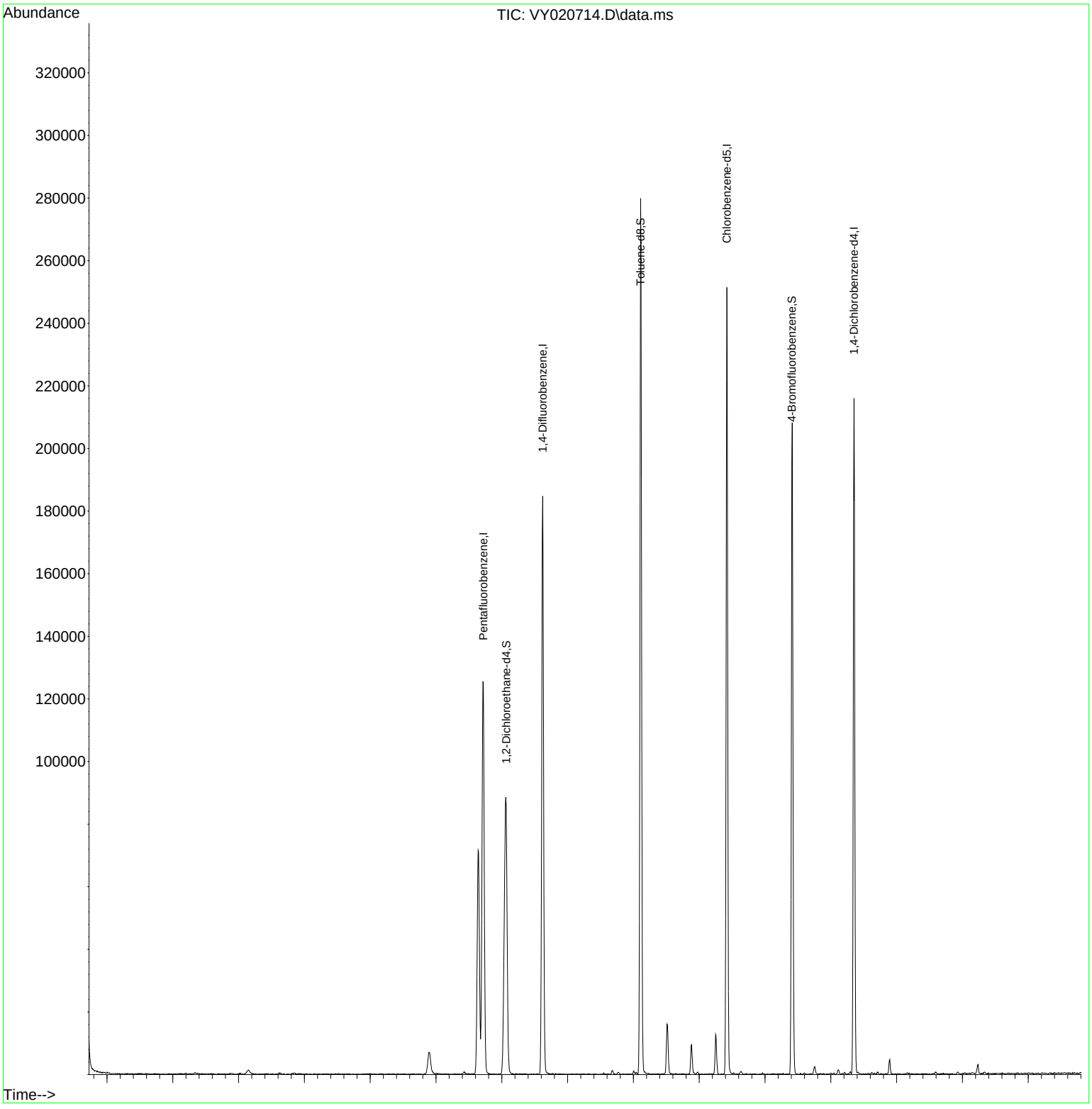
(#) = qualifier out of range (m) = manual integration (+) = signals summed

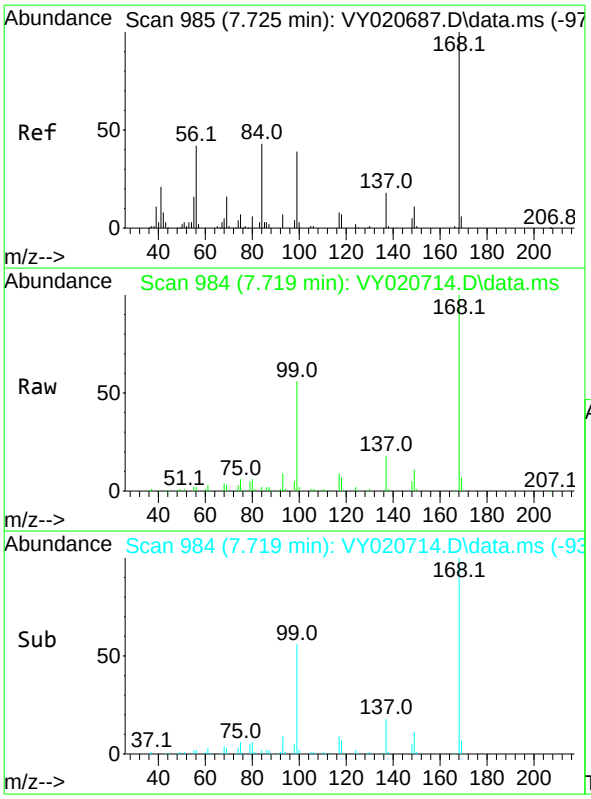
Sample Results: **VY020714.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
Data File : VY020714.D
Acq On : 26 Dec 2024 13:56
Operator : SY/MD
Sample : VY1226SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBL01

Quant Time: Dec 26 16:15:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration



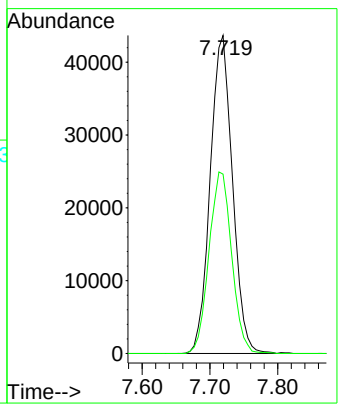


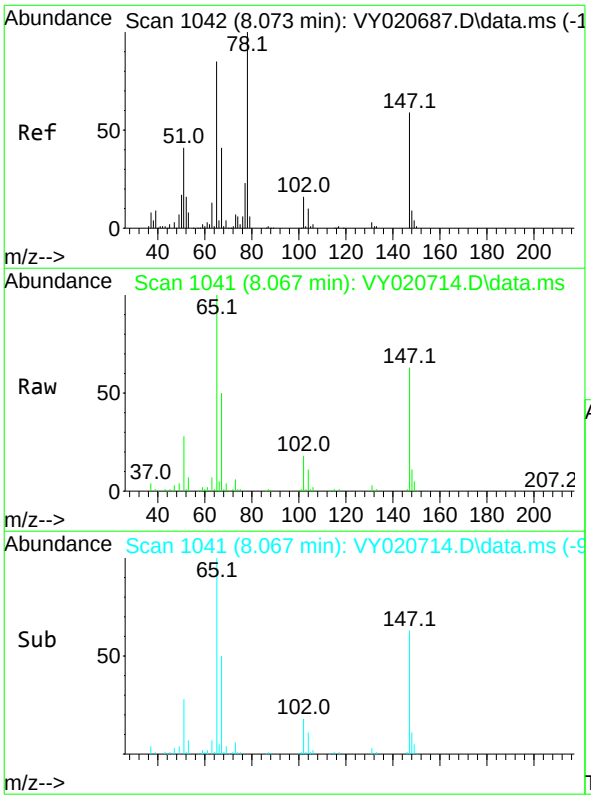
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020714.D
Acq: 26 Dec 2024 13:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBL01

Tgt Ion:168 Resp: 99549

Ion	Ratio	Lower	Upper
168	100		
99	56.4	43.8	65.6

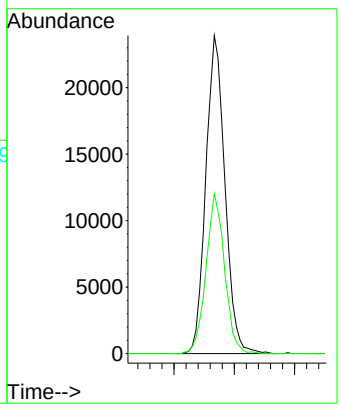


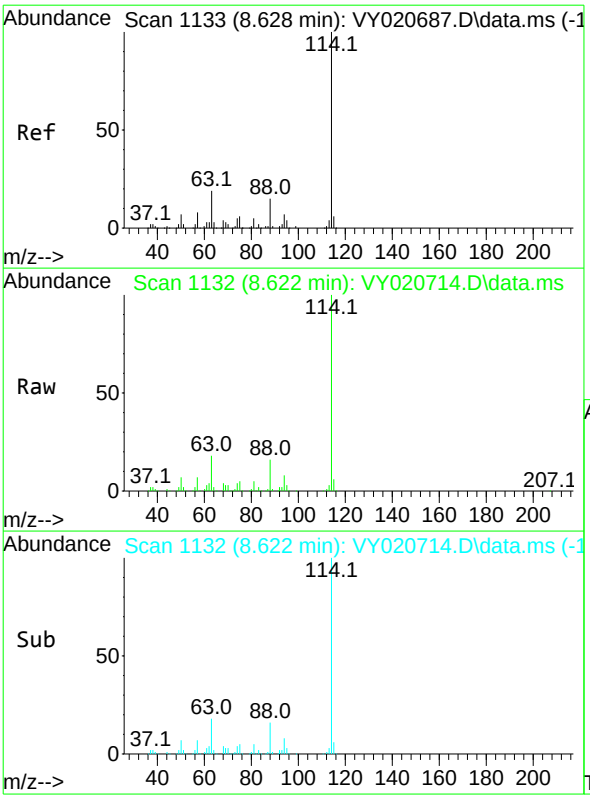


#33
1,2-Dichloroethane-d4
Concen: 64.652 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020714.D
Acq: 26 Dec 2024 13:56

Tgt Ion: 65 Resp: 52717

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	98.0



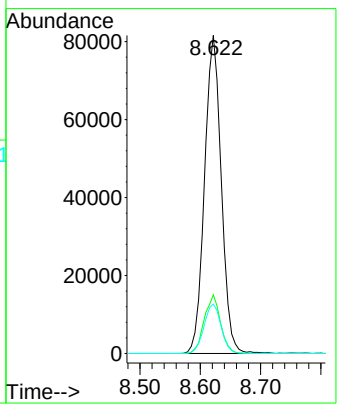


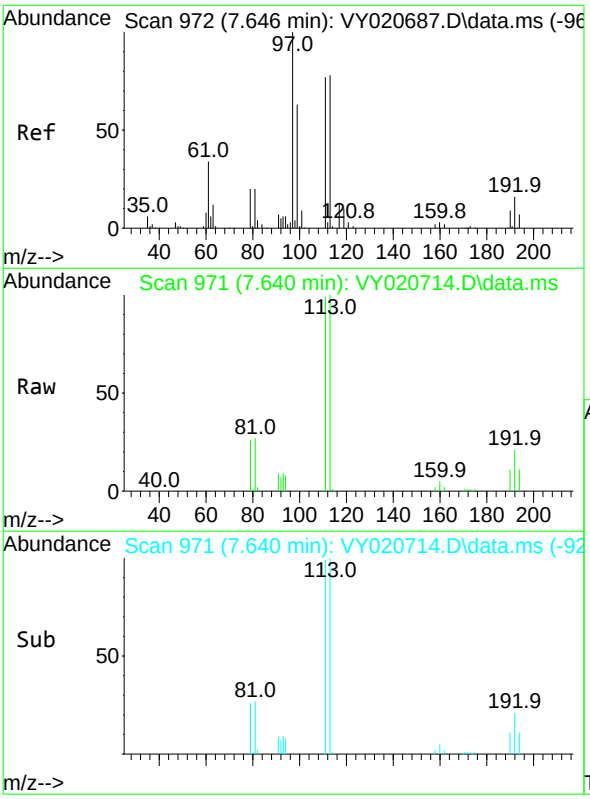
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020714.D
Acq: 26 Dec 2024 13:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBL01

Tgt Ion:114 Resp: 157271

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	38.4
88	15.5	0.0	30.4

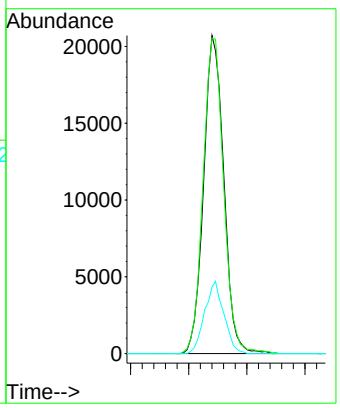


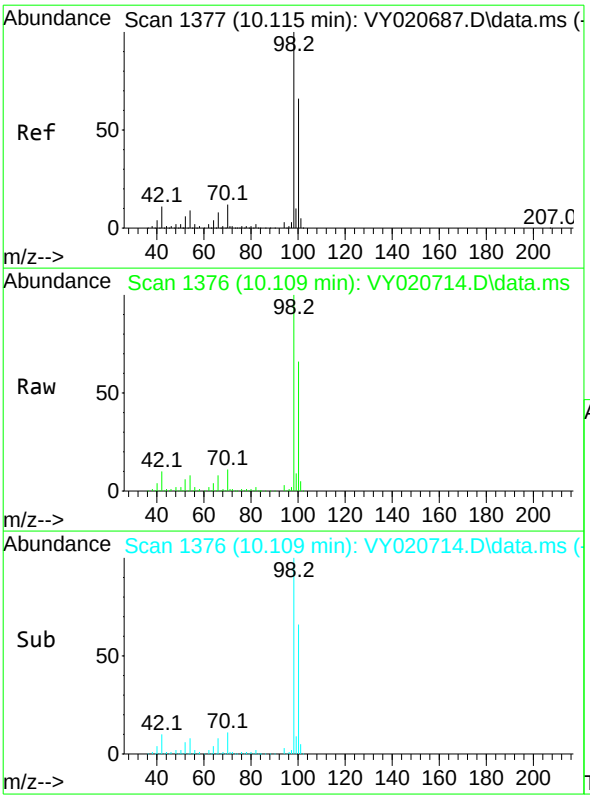


#35
Dibromofluoromethane
Concen: 57.586 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020714.D
Acq: 26 Dec 2024 13:56

Tgt Ion:113 Resp: 49885

Ion	Ratio	Lower	Upper
113	100		
111	101.3	79.8	119.8
192	21.7	17.0	25.6



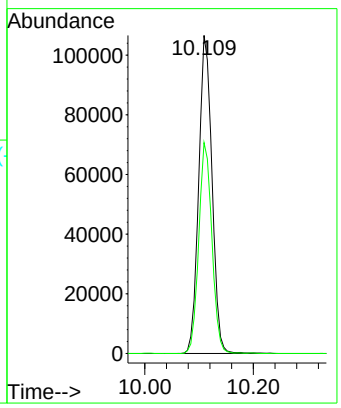


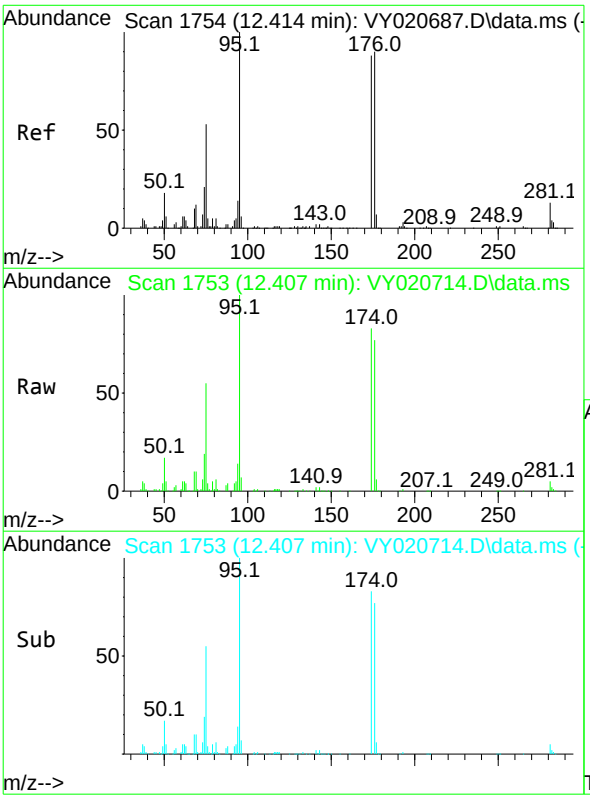
#50
Toluene-d8
Concen: 52.569 ug/l
RT: 10.109 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY020714.D
Acq: 26 Dec 2024 13:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBL01

Tgt Ion: 98 Resp: 181408

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.4

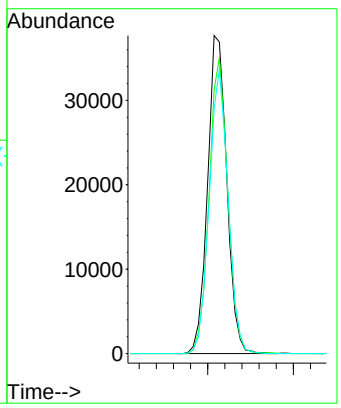


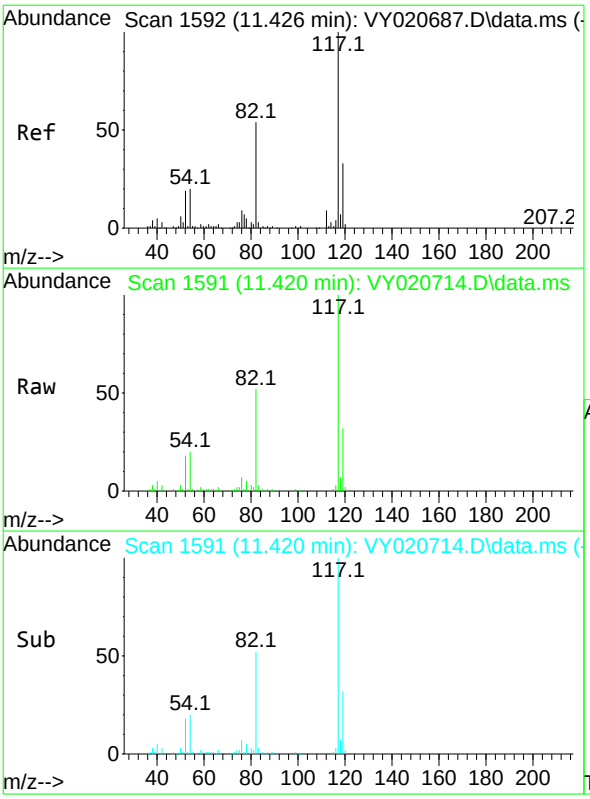


#62
4-Bromofluorobenzene
Concen: 50.981 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.007 min
Lab File: VY020714.D
Acq: 26 Dec 2024 13:56

Tgt Ion: 95 Resp: 58692

Ion	Ratio	Lower	Upper
95	100		
174	90.7	0.0	179.2
176	87.5	0.0	179.8



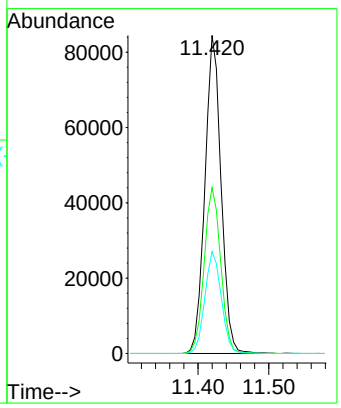


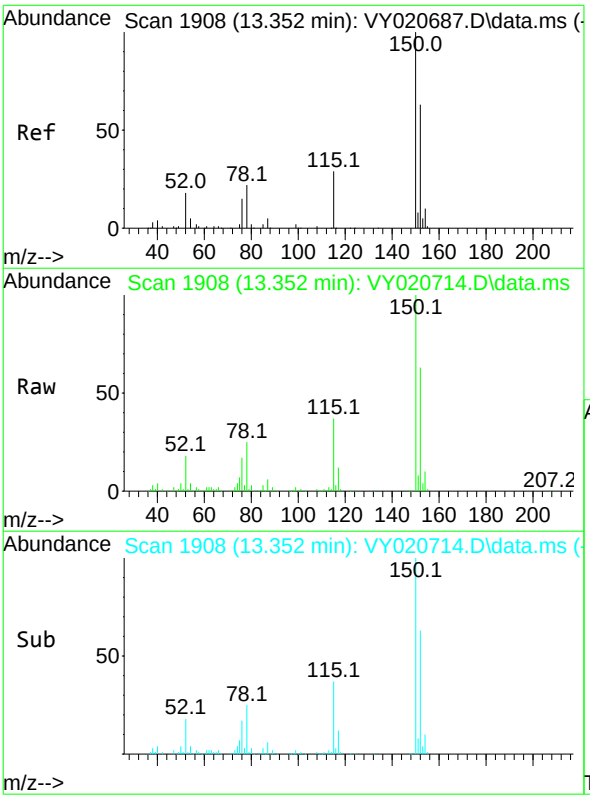
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY020714.D
Acq: 26 Dec 2024 13:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBL01

Tgt Ion:117 Resp: 133794

Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.4	65.2
119	32.1	26.6	39.8

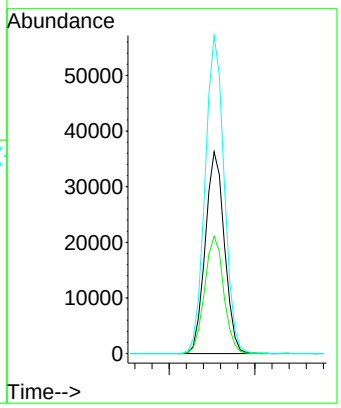




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY020714.D
Acq: 26 Dec 2024 13:56

Tgt Ion:152 Resp: 56315

Ion	Ratio	Lower	Upper
152	100		
115	57.9	30.3	90.9
150	156.9	0.0	349.0



Sample Results: **VY020714.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
Data File : VY020714.D
Acq On : 26 Dec 2024 13:56
Operator : SY/MD
Sample : VY1226SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Title : SW846 8260

Signal : TIC: VY020714.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.153	387	399	407	rBV2	1364	4907	1.03%	0.177%
2	6.890	839	848	863	rBV2	6976	23049	4.84%	0.831%
3	7.640	961	971	977	rBV	71538	173067	36.31%	6.243%
4	7.713	977	983	997	rVB	125354	295011	61.90%	10.642%
5	8.061	1026	1040	1054	rBV2	88564	269033	56.45%	9.705%
6	8.622	1122	1132	1146	rBV	184725	361491	75.85%	13.040%
7	10.109	1369	1376	1386	rBV	279931	476616	100.00%	17.192%
8	10.511	1435	1442	1451	rBV	15917	30724	6.45%	1.108%
9	10.883	1497	1503	1512	rBV	9482	16811	3.53%	0.606%
10	11.249	1558	1563	1570	rVB2	12542	20144	4.23%	0.727%
11	11.420	1584	1591	1606	rVB	251298	407391	85.48%	14.695%
12	12.414	1747	1754	1764	rBV2	208200	343331	72.04%	12.385%
13	12.755	1803	1810	1819	rBV4	2506	4941	1.04%	0.178%
14	13.352	1901	1908	1916	rBV	215797	334229	70.13%	12.056%
15	13.895	1991	1997	2001	rVB2	4585	6730	1.41%	0.243%
16	15.236	2211	2217	2221	rBV2	2981	4770	1.00%	0.172%

Sum of corrected areas: 2772245

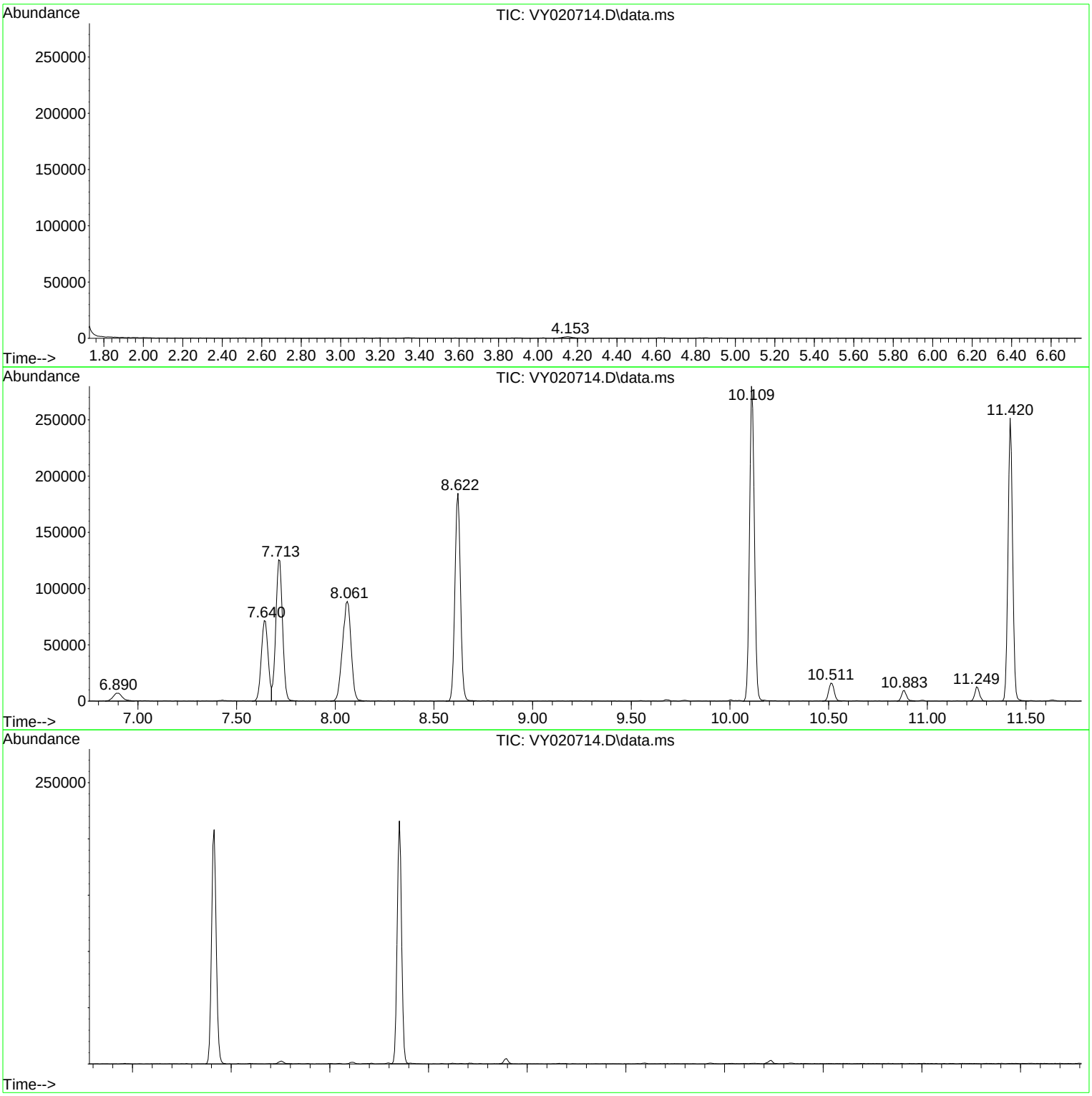
Sample Results: **VY020714.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
Data File : VY020714.D
Acq On : 26 Dec 2024 13:56
Operator : SY/MD
Sample : VY1226SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Sample Results: **VY020714.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
Data File : VY020714.D
Acq On : 26 Dec 2024 13:56
Operator : SY/MD
Sample : VY1226SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
Data File : VY020714.D
Acq On : 26 Dec 2024 13:56
Operator : SY/MD
Sample : VY1226SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **VY020715.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	CTO WE13	Date Received:	
Client Sample ID:	VY1226SBS01	SDG No.:	P5316
Lab Sample ID:	VY1226SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020715.D	1		12/26/24 14:32	VY122624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-01-4	Vinyl Chloride	17.7		0.77	2.50	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	19.1		0.78	2.50	5.00	ug/Kg
67-64-1	Acetone	94.4		6.20	20.0	25.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	19.6		0.67	2.50	5.00	ug/Kg
75-09-2	Methylene Chloride	20.7		3.40	8.00	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	19.0		0.84	2.50	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	19.7		0.63	2.50	5.00	ug/Kg
78-93-3	2-Butanone	110		5.70	20.0	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	19.7		0.87	2.50	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	19.3		0.61	2.50	5.00	ug/Kg
67-66-3	Chloroform	20.1		0.67	4.00	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	19.4		0.78	2.50	5.00	ug/Kg
71-43-2	Benzene	20.0		0.72	2.50	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.4		0.61	2.50	5.00	ug/Kg
79-01-6	Trichloroethene	19.4		0.75	2.50	5.00	ug/Kg
108-88-3	Toluene	20.3		0.67	2.50	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.9		0.89	2.50	5.00	ug/Kg
108-90-7	Chlorobenzene	19.8		0.74	2.50	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.2		0.62	2.50	5.00	ug/Kg
1330-20-7	Total Xylenes	62.3		2.10	7.50	15.0	ug/Kg
103-65-1	n-propylbenzene	20.0		0.64	2.50	5.00	ug/Kg
98-06-6	tert-Butylbenzene	19.8		0.67	2.50	5.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	20.0		1.40	2.50	5.00	ug/Kg
135-98-8	sec-Butylbenzene	20.0		0.67	2.50	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	19.7		0.74	2.50	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.9		0.80	2.50	5.00	ug/Kg
104-51-8	n-Butylbenzene	19.9		0.63	2.50	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.3		0.59	2.50	5.00	ug/Kg
123-91-1	1,4-Dioxane	450		42.5	80.0	100	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.0		71 - 136		110%	SPK: 50

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	CTO WE13	Date Received:	
Client Sample ID:	VY1226SBS01	SDG No.:	P5316
Lab Sample ID:	VY1226SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020715.D	1		12/26/24 14:32	VY122624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1868-53-7	Dibromofluoromethane	52.1		78 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	50.6		85 - 116		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.8		79 - 119		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	120000	7.72				
540-36-3	1,4-Difluorobenzene	166000	8.622				
3114-55-4	Chlorobenzene-d5	139000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	74000	13.353				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
Data File : VY020715.D
Acq On : 26 Dec 2024 14:32
Operator : SY/MD
Sample : VY1226SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 26 16:19:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.720	168	120044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	165739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	139363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	74040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	54084	55.004	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.000%			
35) Dibromofluoromethane	7.640	113	47566	52.103	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.200%			
50) Toluene-d8	10.115	98	183793	50.606	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.220%			
62) 4-Bromofluorobenzene	12.414	95	62876	51.825	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 103.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	18836	19.935	ug/l	98
3) Chloromethane	2.074	50	6770	19.212	ug/l	93
4) Vinyl Chloride	2.214	62	7714	17.668	ug/l	89
5) Bromomethane	2.598	94	6509	19.745	ug/l	90
6) Chloroethane	2.745	64	4700	17.944	ug/l	96
7) Trichlorofluoromethane	3.074	101	32224	19.192	ug/l	99
8) Diethyl Ether	3.464	74	8143	20.381	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.830	101	18072	19.606	ug/l	98
10) Methyl Iodide	4.019	142	17304	17.167	ug/l	97
11) Tert butyl alcohol	4.860	59	7980	119.075	ug/l #	84
12) 1,1-Dichloroethene	3.806	96	15688	19.122	ug/l	87
13) Acrolein	3.659	56	2794	135.930	ug/l	97
14) Allyl chloride	4.397	41	18840	19.623	ug/l	96
15) Acrylonitrile	5.068	53	15561	100.820	ug/l	98
16) Acetone	3.885	43	11775	94.398	ug/l	96
17) Carbon Disulfide	4.117	76	37004	18.386	ug/l	99
18) Methyl Acetate	4.397	43	6995	20.720	ug/l	98
19) Methyl tert-butyl Ether	5.135	73	44886	19.629	ug/l	98
20) Methylene Chloride	4.629	84	16773	20.675	ug/l	89
21) trans-1,2-Dichloroethene	5.122	96	16777	18.976	ug/l	91
22) Diisopropyl ether	6.031	45	39231	20.101	ug/l	98
23) Vinyl Acetate	5.970	43	118423	101.585	ug/l	98
24) 1,1-Dichloroethane	5.933	63	28874	19.732	ug/l	97
25) 2-Butanone	6.909	43	17840	105.875	ug/l	98
26) 2,2-Dichloropropane	6.896	77	34412	19.214	ug/l	100
27) cis-1,2-Dichloroethene	6.909	96	20436	19.302	ug/l	99
28) Bromochloromethane	7.256	49	6829	17.648	ug/l	98
29) Tetrahydrofuran	7.268	42	10899	105.377	ug/l	97
30) Chloroform	7.433	83	37760	20.060	ug/l	94
31) Cyclohexane	7.713	56	24445	19.354	ug/l #	90
32) 1,1,1-Trichloroethane	7.628	97	39114	19.385	ug/l	99
36) 1,1-Dichloropropene	7.841	75	23598	19.569	ug/l	98
37) Ethyl Acetate	7.000	43	8566	21.556	ug/l	98
38) Carbon Tetrachloride	7.823	117	39187	19.734	ug/l	99
39) Methylcyclohexane	9.116	83	30514	19.742	ug/l	96
40) Benzene	8.091	78	69851	19.987	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
Data File : VY020715.D
Acq On : 26 Dec 2024 14:32
Operator : SY/MD
Sample : VY1226SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 26 16:19:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.232	41	3741m	18.637 ug/l		
42) 1,2-Dichloroethane	8.165	62	22857	20.396 ug/l		99
43) Isopropyl Acetate	8.207	43	16685	19.754 ug/l	#	90
44) Trichloroethene	8.872	130	20214	19.365 ug/l		96
45) 1,2-Dichloropropane	9.146	63	14072	19.891 ug/l		96
46) Dibromomethane	9.238	93	9956	20.339 ug/l		98
47) Bromodichloromethane	9.433	83	27211	19.608 ug/l		99
48) Methyl methacrylate	9.231	41	7854	19.912 ug/l		96
49) 1,4-Dioxane	9.238	88	2078	445.671 ug/l		95
51) 4-Methyl-2-Pentanone	10.006	43	42819	105.031 ug/l		100
52) Toluene	10.176	92	48544	20.266 ug/l		98
53) t-1,3-Dichloropropene	10.402	75	24065	19.744 ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	26207	19.616 ug/l		99
55) 1,1,2-Trichloroethane	10.579	97	12505	20.014 ug/l		94
56) Ethyl methacrylate	10.445	69	16177	19.708 ug/l		97
57) 1,3-Dichloropropane	10.725	76	21343	21.046 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.719	63	27555	96.265 ug/l		100
59) 2-Hexanone	10.768	43	28183	104.703 ug/l		98
60) Dibromochloromethane	10.920	129	19953	19.763 ug/l		97
61) 1,2-Dibromoethane	11.024	107	11889	20.222 ug/l		100
64) Tetrachloroethene	10.652	164	19878	20.877 ug/l		97
65) Chlorobenzene	11.451	112	54119	19.832 ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.524	131	21666	20.493 ug/l		98
67) Ethyl Benzene	11.524	91	96550	20.244 ug/l		99
68) m/p-Xylenes	11.633	106	75635	41.573 ug/l		97
69) o-Xylene	11.963	106	35970	20.693 ug/l		98
70) Styrene	11.975	104	59026	20.228 ug/l		99
71) Bromoform	12.139	173	12535	20.623 ug/l	#	99
73) Isopropylbenzene	12.261	105	101462	19.780 ug/l		99
74) N-amyl acetate	12.079	43	14718	20.191 ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.511	83	13746	20.903 ug/l		96
76) 1,2,3-Trichloropropane	12.566	75	10539m	22.380 ug/l		
77) Bromobenzene	12.536	156	22761	19.276 ug/l		99
78) n-propylbenzene	12.603	91	114949	19.993 ug/l		99
79) 2-Chlorotoluene	12.688	91	65099	19.862 ug/l		99
80) 1,3,5-Trimethylbenzene	12.743	105	84854	19.855 ug/l		100
81) trans-1,4-Dichloro-2-b...	12.310	75	4908	20.601 ug/l		98
82) 4-Chlorotoluene	12.786	91	67579	19.951 ug/l		100
83) tert-Butylbenzene	13.005	119	78963	19.784 ug/l		100
84) 1,2,4-Trimethylbenzene	13.048	105	83301	20.030 ug/l		98
85) sec-Butylbenzene	13.182	105	107364	19.960 ug/l		100
86) p-Isopropyltoluene	13.298	119	94876	19.792 ug/l		99
87) 1,3-Dichlorobenzene	13.292	146	45455	19.696 ug/l		98
88) 1,4-Dichlorobenzene	13.371	146	45797	19.948 ug/l		98
89) n-Butylbenzene	13.627	91	79827	19.949 ug/l		98
90) Hexachloroethane	13.889	117	17599	19.307 ug/l		98
91) 1,2-Dichlorobenzene	13.670	146	40158	20.294 ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2581	20.237 ug/l		94
93) 1,2,4-Trichlorobenzene	14.926	180	23946	19.039 ug/l		98
94) Hexachlorobutadiene	15.029	225	18496	20.177 ug/l		98
95) Naphthalene	15.151	128	40300	20.005 ug/l		99
96) 1,2,3-Trichlorobenzene	15.340	180	21103	20.151 ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
Data File : VY020715.D
Acq On : 26 Dec 2024 14:32
Operator : SY/MD
Sample : VY1226SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 26 16:19:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
Data File : VY020715.D
Acq On : 26 Dec 2024 14:32
Operator : SY/MD
Sample : VY1226SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 26 16:19:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Manual Integrations APPROVED

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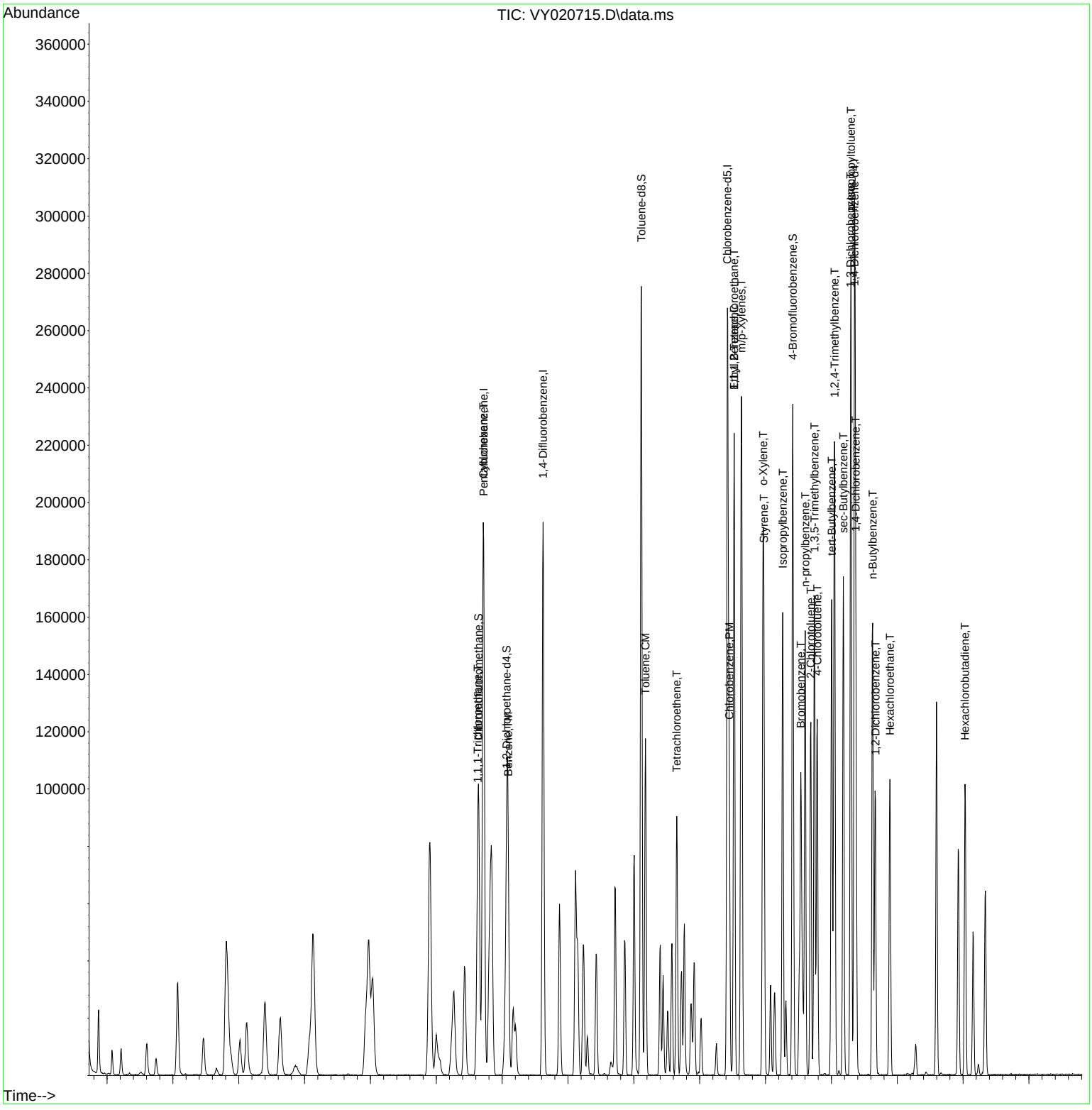
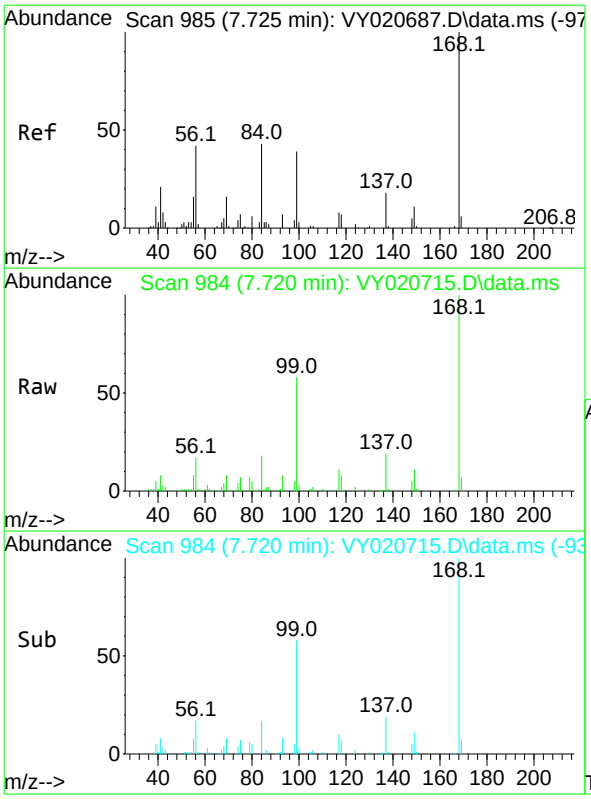
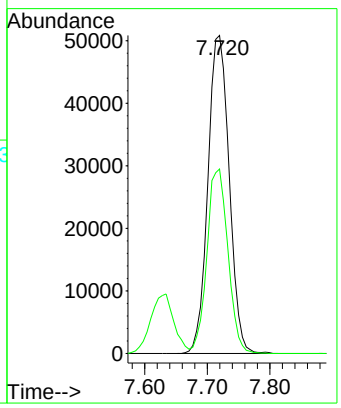




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 98
Delta R.T. -0.005 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:168 Resp: 120044

Ion	Ratio	Lower	Upper
168	100		
99	58.0	43.8	65.6



Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Manual Integrations
APPROVED

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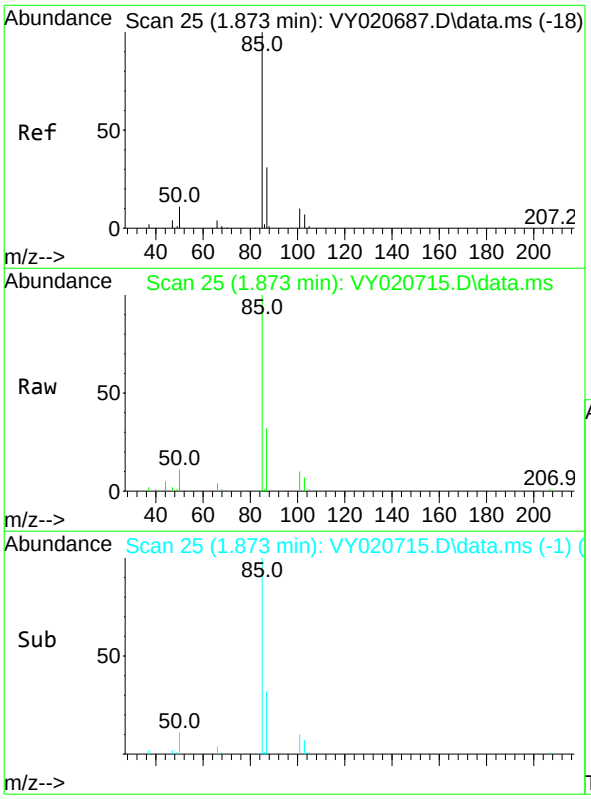
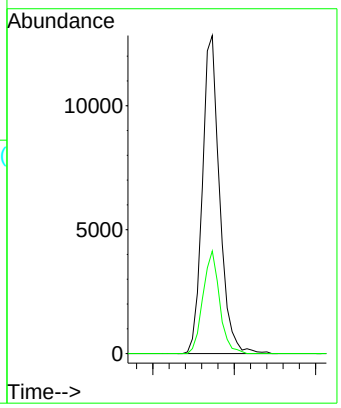
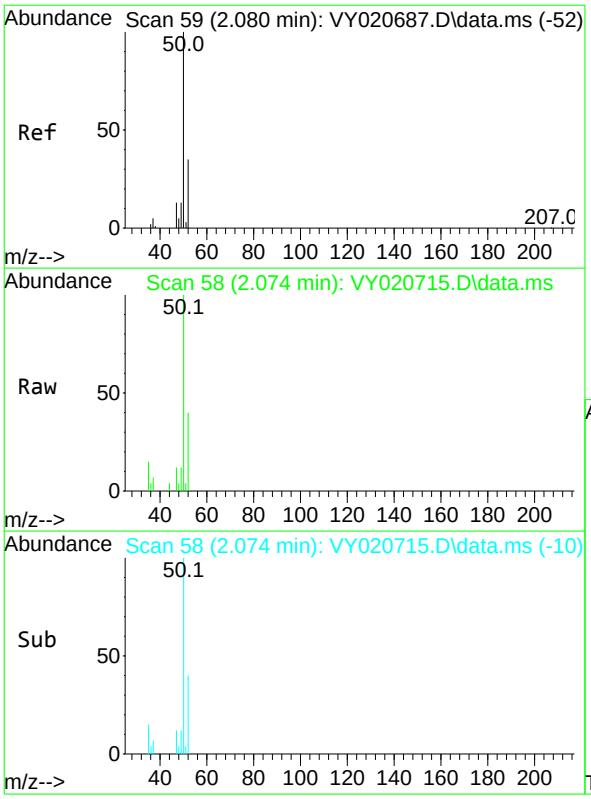


#2
Dichlorodifluoromethane
Concen: 19.935 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 85 Resp: 18836

Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.4	46.4

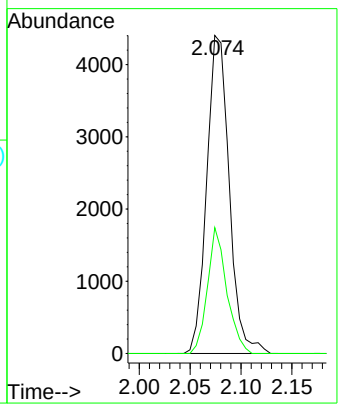




#3
Chloromethane
Concen: 19.212 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 50 Resp: 6770

Ion	Ratio	Lower	Upper
50	100		
52	39.6	28.2	42.2



Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Manual Integrations
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Reviewed By :Mahesh Dadoda 12/27/2024
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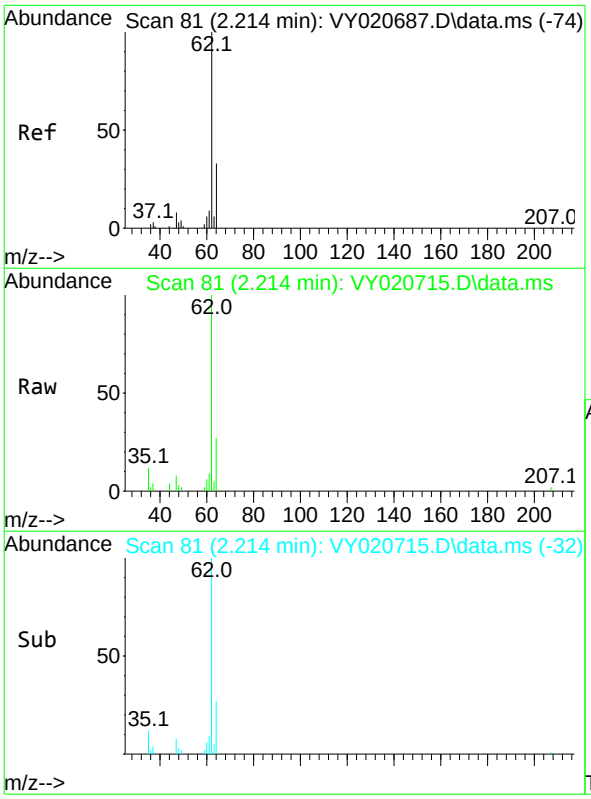
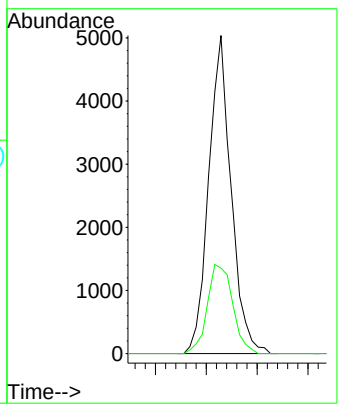
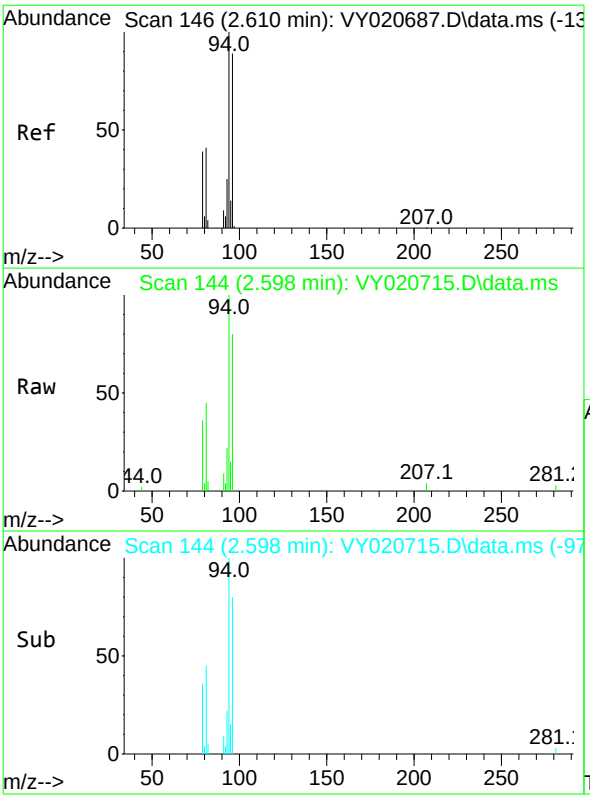


#4
Vinyl Chloride
Concen: 17.668 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 62 Resp: 7714

Ion	Ratio	Lower	Upper
62	100		
64	26.9	26.6	40.0

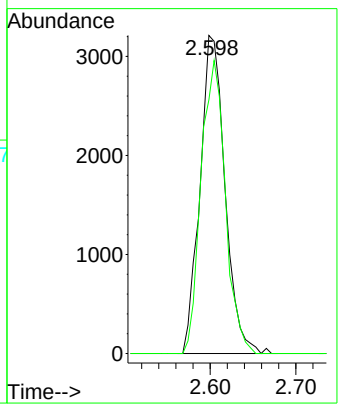




#5
Bromomethane
Concen: 19.745 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 94 Resp: 6509

Ion	Ratio	Lower	Upper
94	100		
96	79.7	71.0	106.6



Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Manual Integrations
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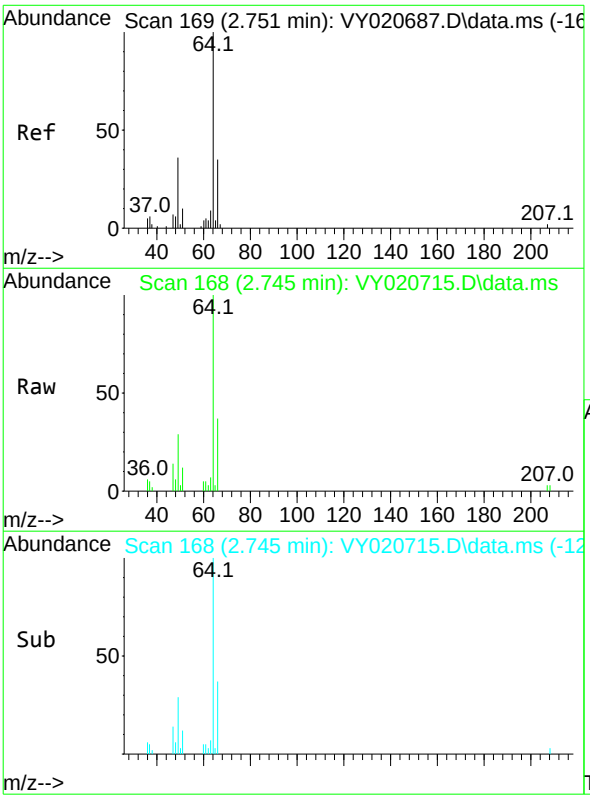
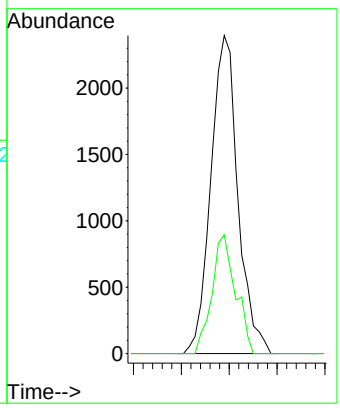
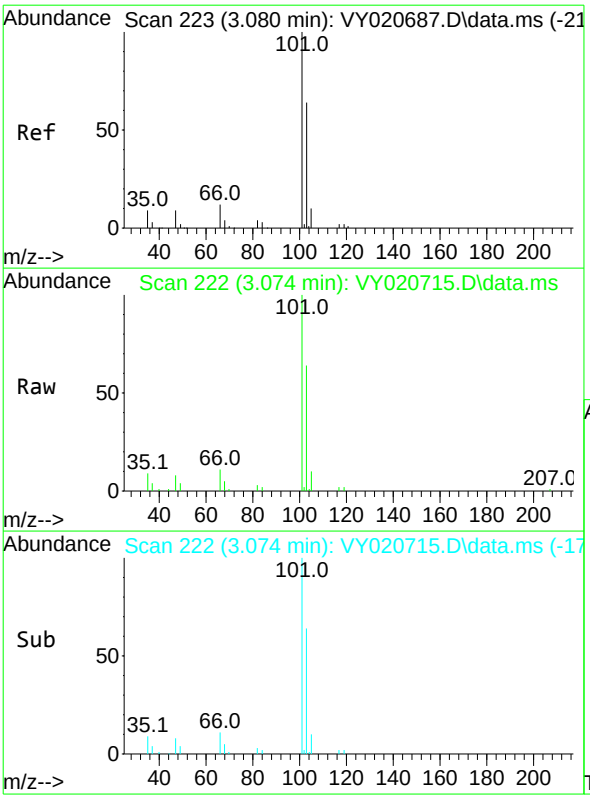


#6
Chloroethane
Concen: 17.944 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 64 Resp: 4700

Ion	Ratio	Lower	Upper
64	100		
66	37.4	27.8	41.8

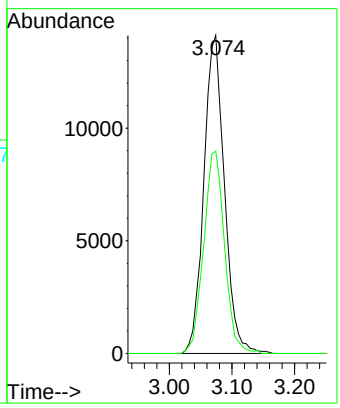




#7
Trichlorofluoromethane
Concen: 19.192 ug/l
RT: 3.074 min Scan# 22
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:101 Resp: 32224

Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.4	77.0



Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Manual Integrations
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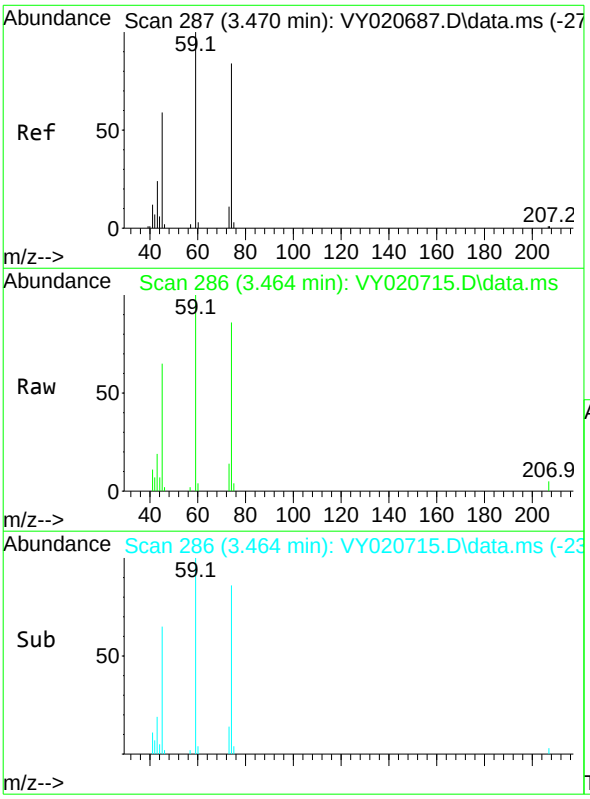
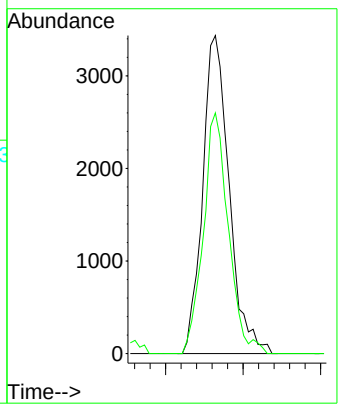
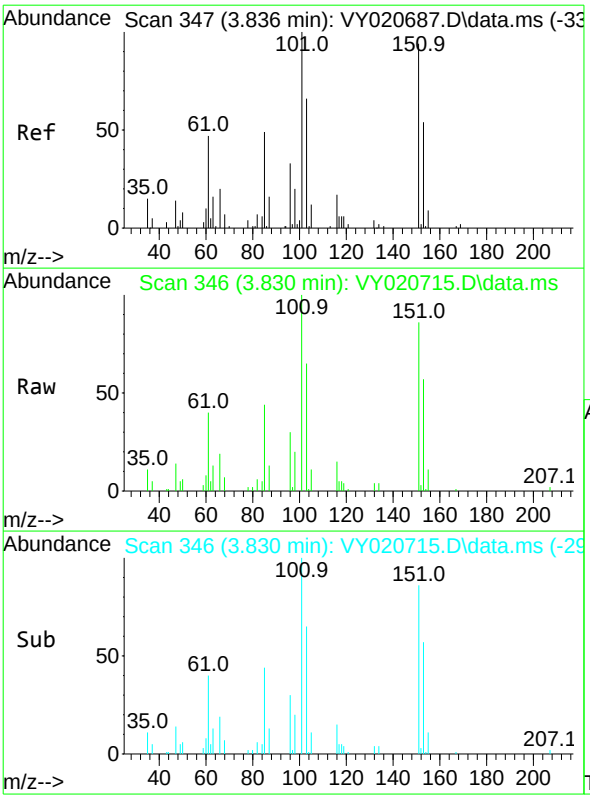


#8
Diethyl Ether
Concen: 20.381 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 74 Resp: 8143

Ion	Ratio	Lower	Upper
74	100		
45	71.7	35.8	107.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.606 ug/l
RT: 3.830 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tgt Ion:101 Resp: 18072

Ion	Ratio	Lower	Upper
101	100		
85	47.5	38.2	57.2
151	88.4	68.4	102.6

Manual Integrations
APPROVED

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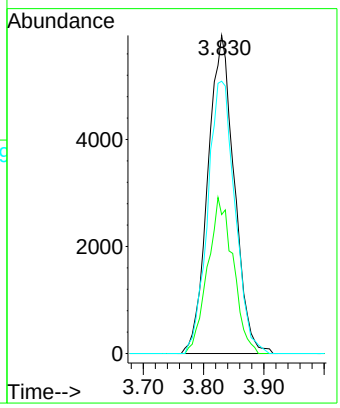
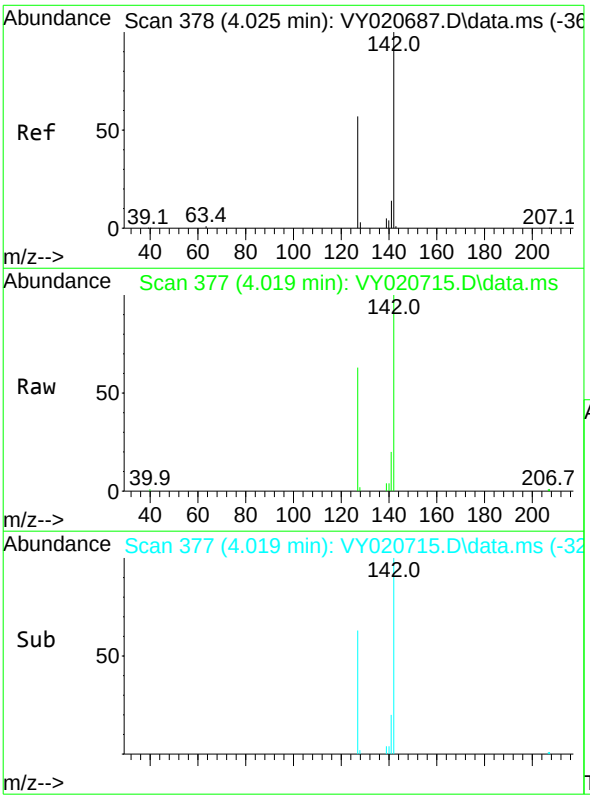
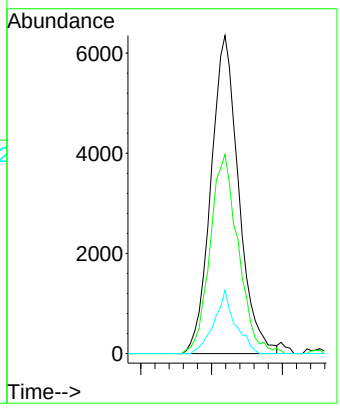


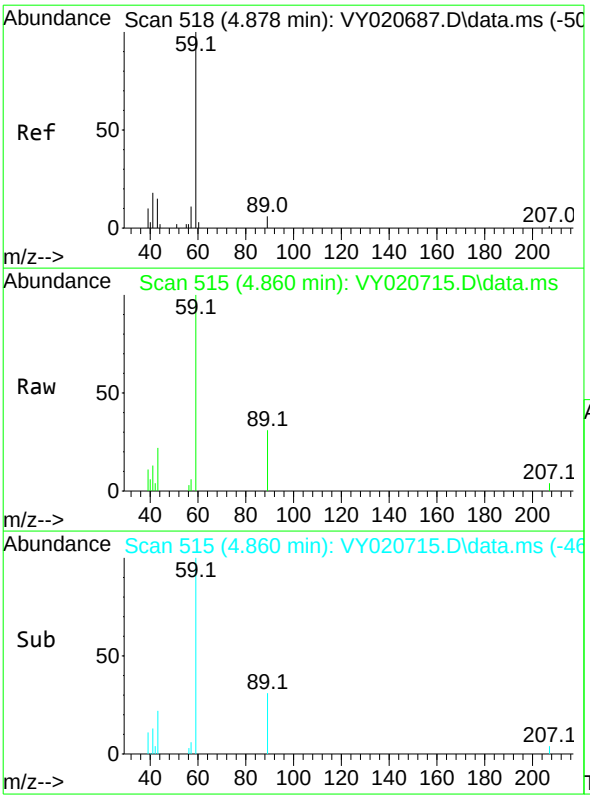


#10
Methyl Iodide
Concen: 17.167 ug/l
RT: 4.019 min Scan# 377
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:142 Resp: 17304

Ion	Ratio	Lower	Upper
142	100		
127	63.5	48.8	73.2
141	15.3	11.9	17.9





#11
Tert butyl alcohol
Concen: 119.075 ug/l
RT: 4.860 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 59 Resp: 7980

Ion	Ratio	Lower	Upper
59	100		
57	8.7	2.8	4.2#

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

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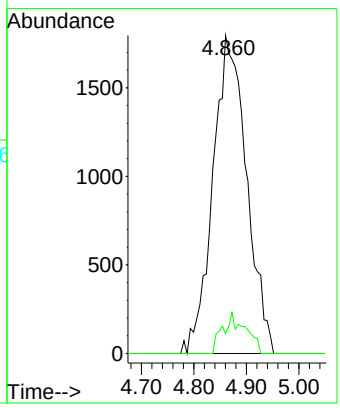
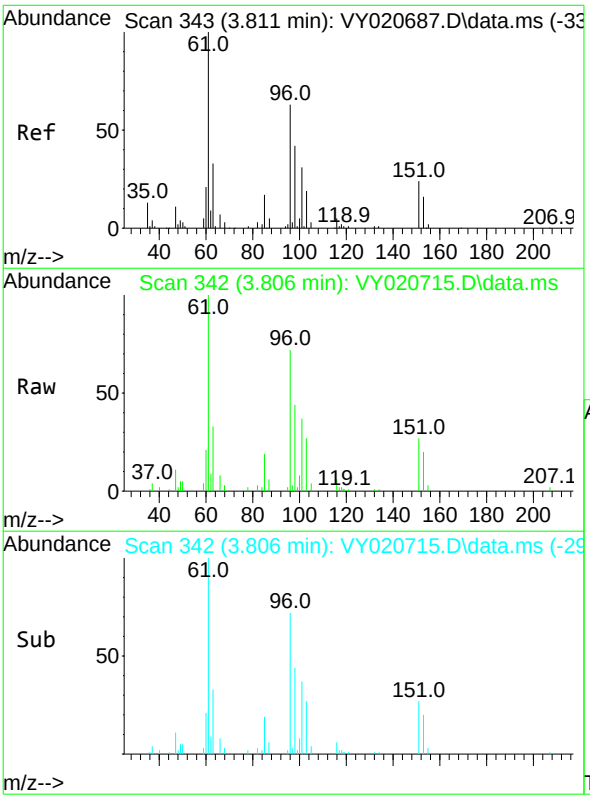
Supervised By :Semsettin Yesilyurt 12/27/2024

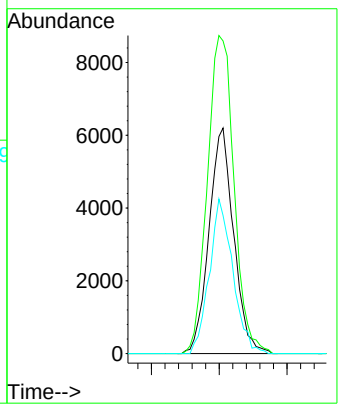


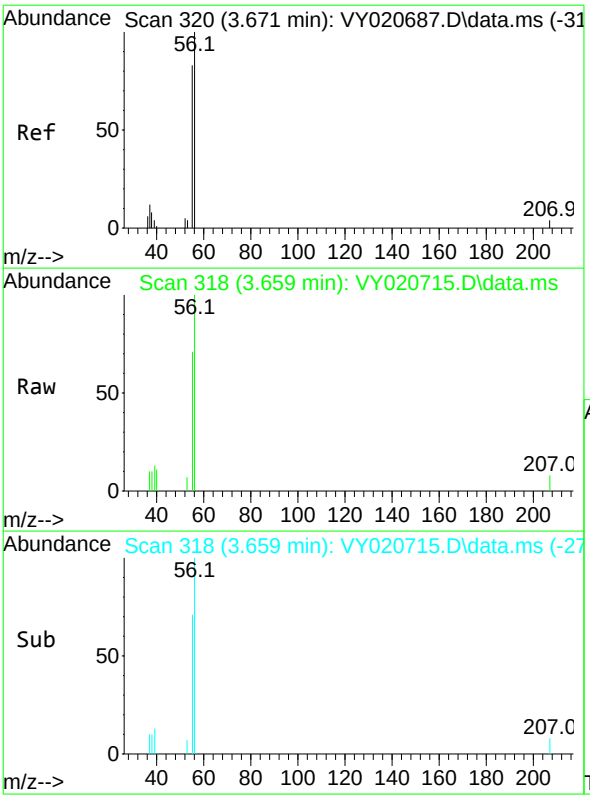


#12
1,1-Dichloroethene
Concen: 19.122 ug/l
RT: 3.806 min Scan# 342
Delta R.T. -0.005 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 96 Resp: 15688

Ion	Ratio	Lower	Upper
96	100		
61	138.6	127.1	190.7
98	61.2	53.4	80.0

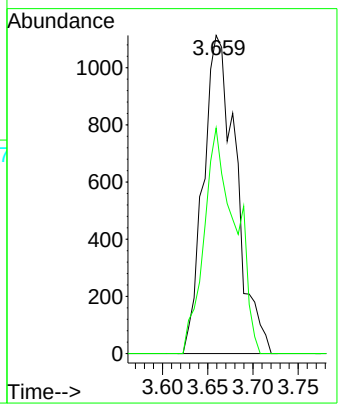




#13
Acrolein
Concen: 135.930 ug/l
RT: 3.659 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 56 Resp: 2794

Ion	Ratio	Lower	Upper
56	100		
55	68.4	57.0	85.4



Instrument :
MSVOA_Y
ClientSampleId :
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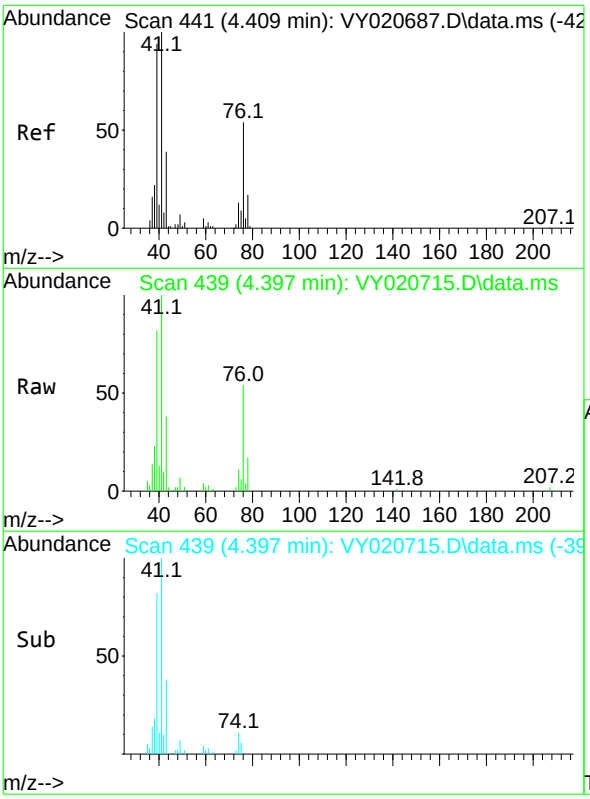
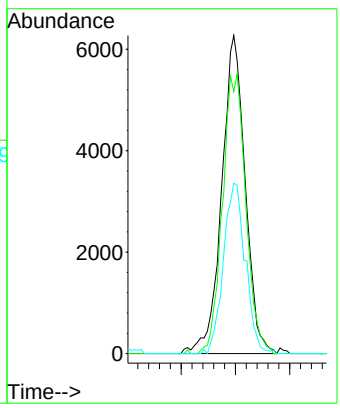
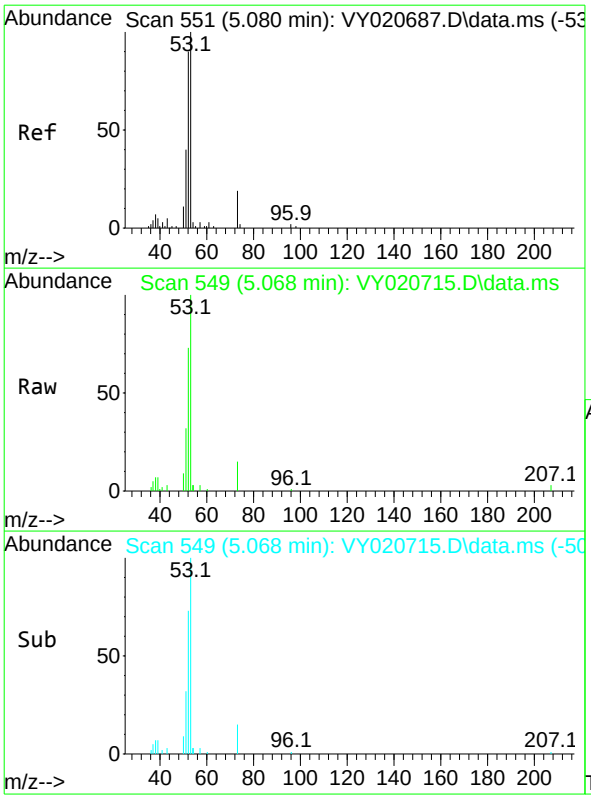


#14
Allyl chloride
Concen: 19.623 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.012 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 41 Resp: 18840

Ion	Ratio	Lower	Upper
41	100		
39	87.1	73.5	110.3
76	50.0	41.8	62.8





#15
Acrylonitrile
Concen: 100.820 ug/l
RT: 5.068 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tgt Ion: 53 Resp: 15561

Ion	Ratio	Lower	Upper
53	100		
52	82.1	67.1	100.7
51	38.8	31.4	47.0

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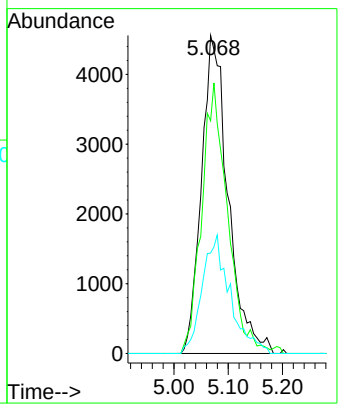
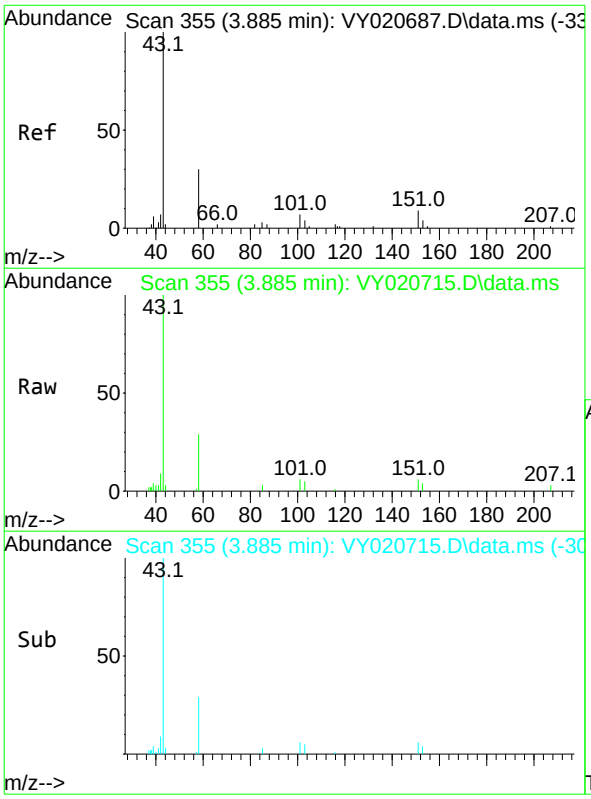
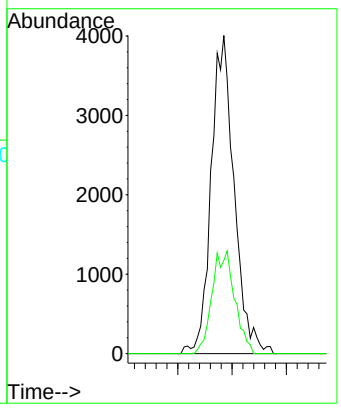


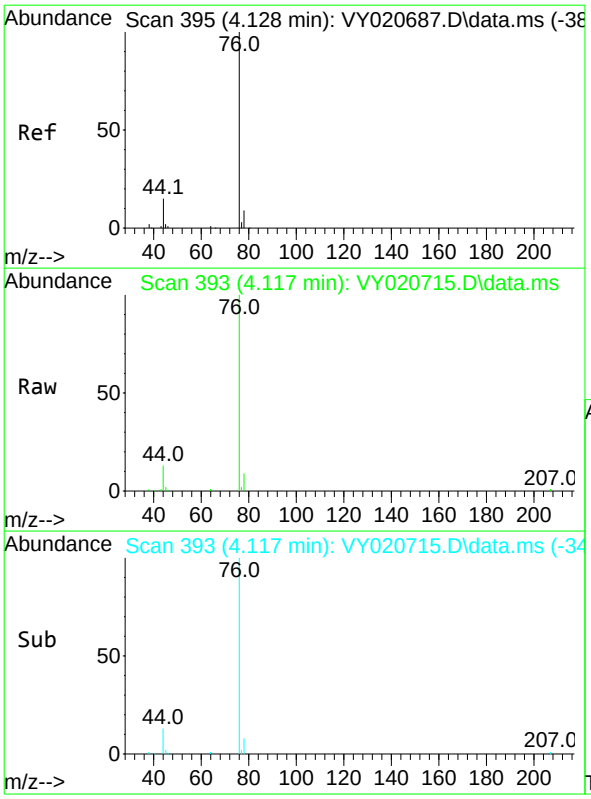


#16
Acetone
Concen: 94.398 ug/l
RT: 3.885 min Scan# 355
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 43 Resp: 11775

Ion	Ratio	Lower	Upper
43	100		
58	29.3	25.0	37.6

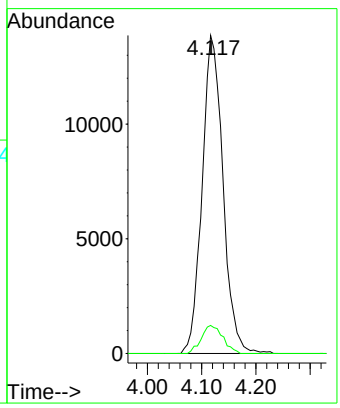




#17
Carbon Disulfide
Concen: 18.386 ug/l
RT: 4.117 min Scan# 39
Delta R.T. -0.011 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 76 Resp: 37004

Ion	Ratio	Lower	Upper
76	100		
78	8.8	6.9	10.3



Instrument :
MSVOA_Y
ClientSampleId :
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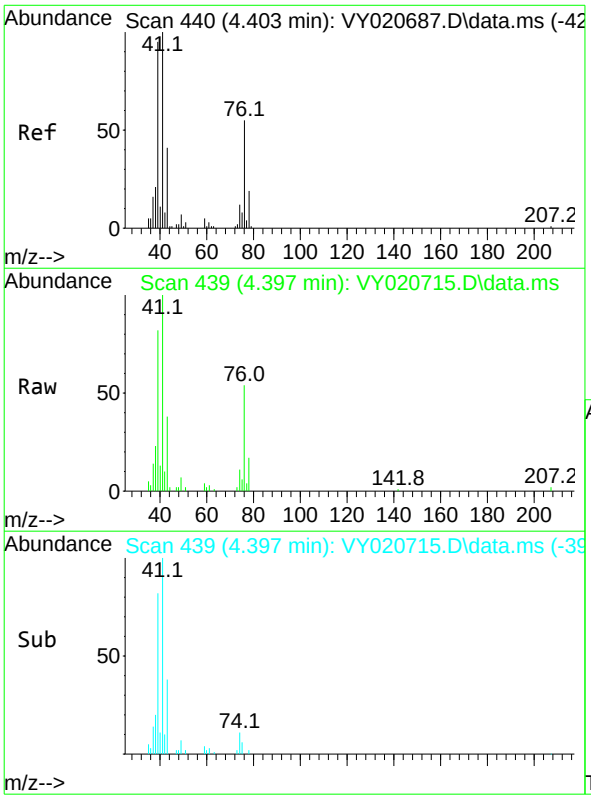
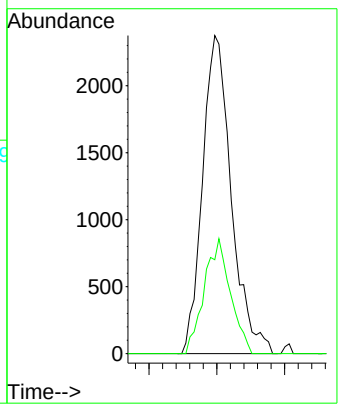
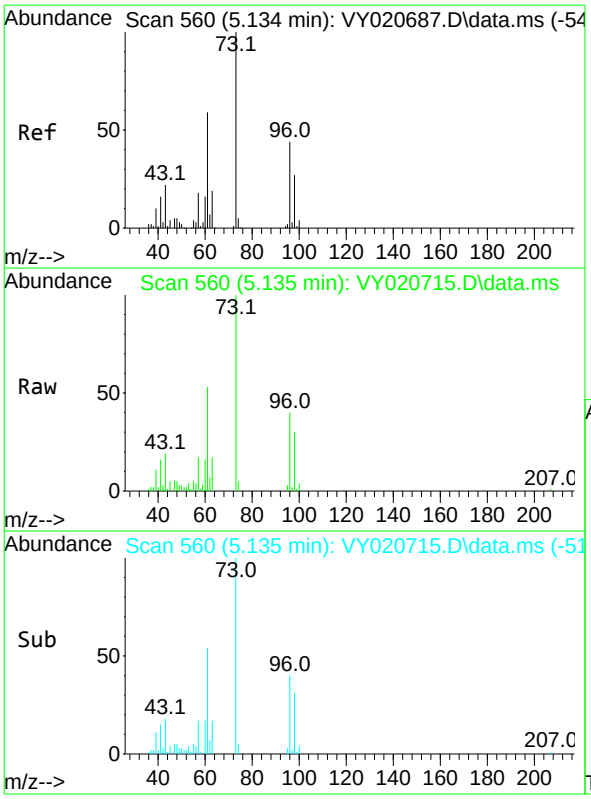


#18
Methyl Acetate
Concen: 20.720 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 43 Resp: 6995

Ion	Ratio	Lower	Upper
43	100		
74	32.8	25.3	37.9





#19
Methyl tert-butyl Ether
Concen: 19.629 ug/l
RT: 5.135 min Scan# 56
Delta R.T. 0.001 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 73 Resp: 44886

Ion	Ratio	Lower	Upper
73	100		
57	17.3	14.4	21.6

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

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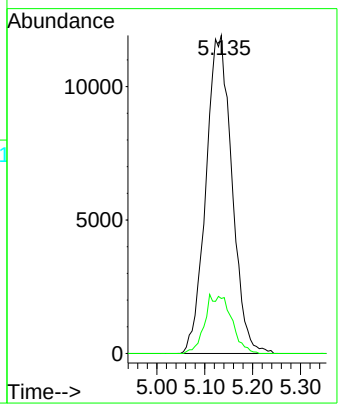
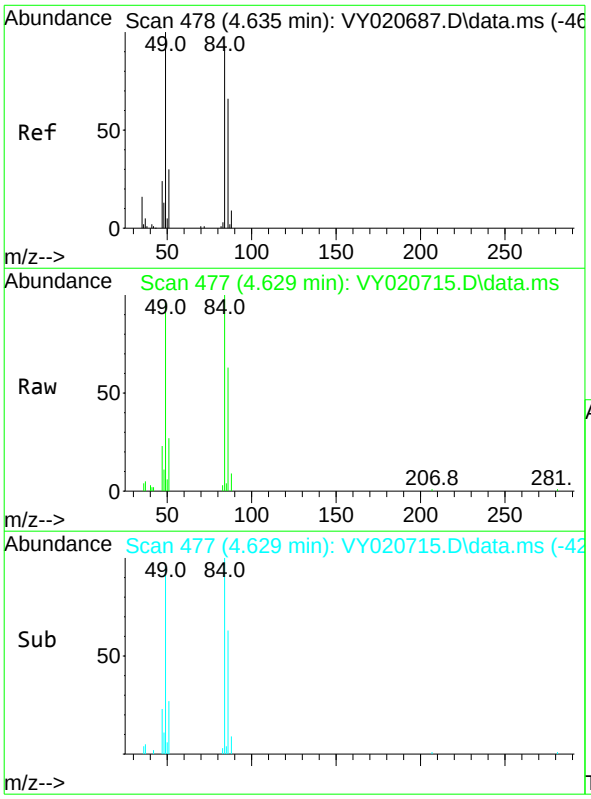
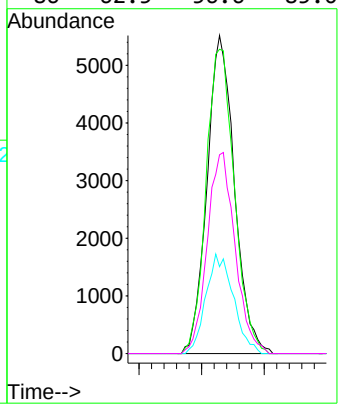


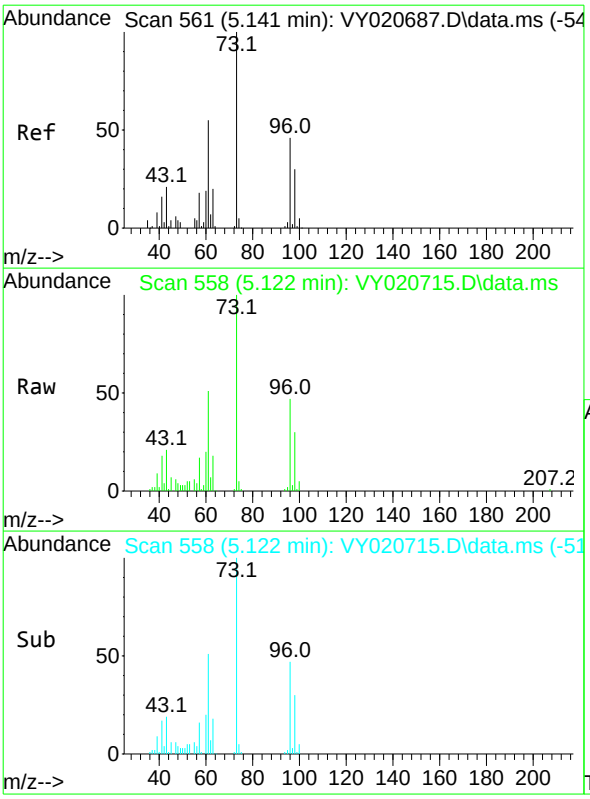


#20
Methylene Chloride
Concen: 20.675 ug/l
RT: 4.629 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 84 Resp: 16773

Ion	Ratio	Lower	Upper
84	100		
49	95.7	86.4	129.6
51	27.3	25.5	38.3
86	62.5	56.6	85.0

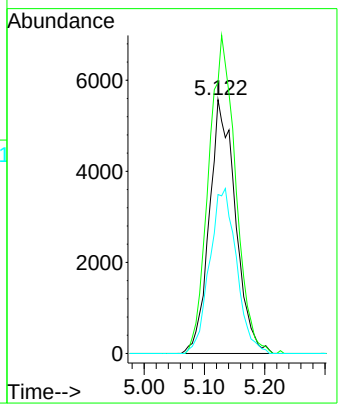




#21
trans-1,2-Dichloroethene
Concen: 18.976 ug/l
RT: 5.122 min Scan# 55
Delta R.T. -0.019 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 96 Resp: 16777

Ion	Ratio	Lower	Upper
96	100		
61	106.8	96.1	144.1
98	62.6	52.7	79.1



Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

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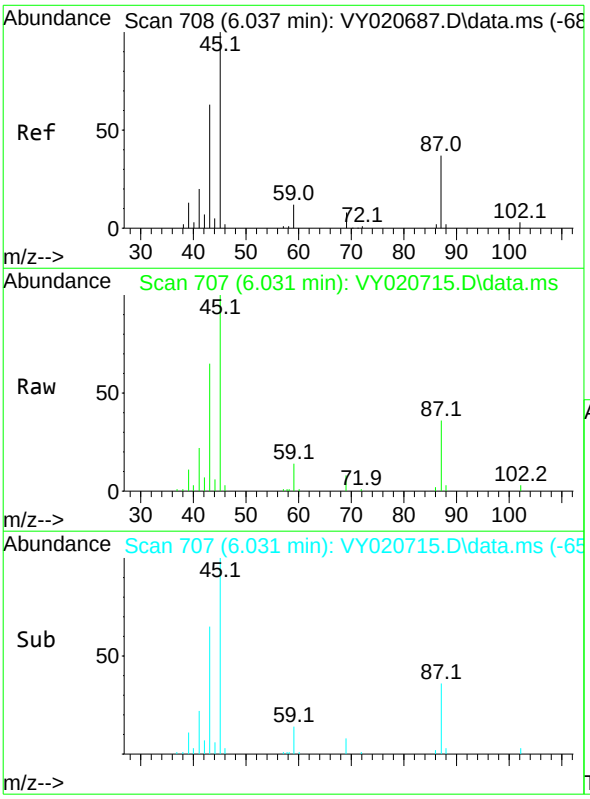
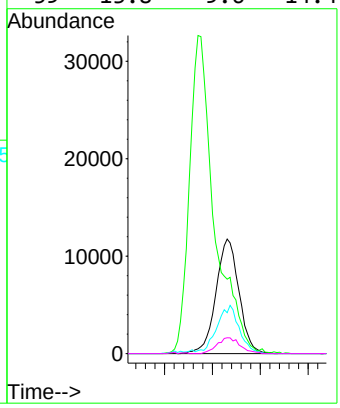
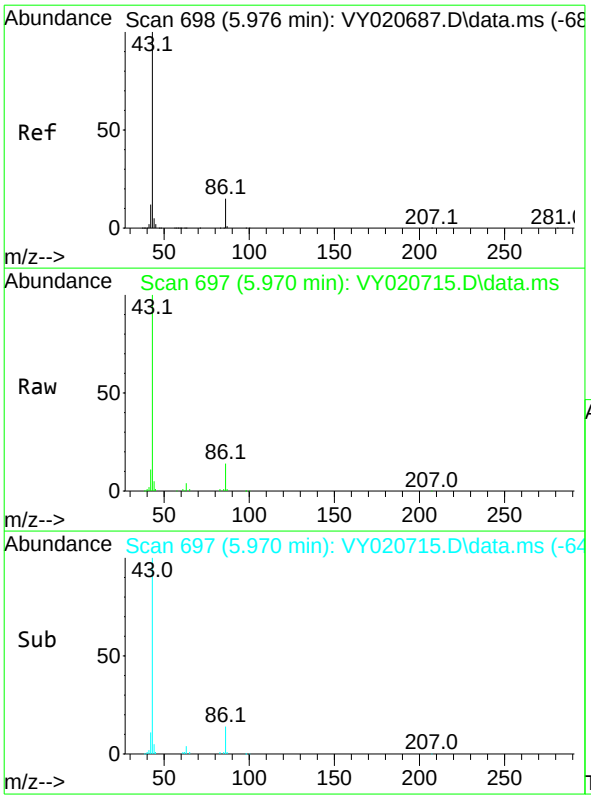


#22
Diisopropyl ether
Concen: 20.101 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 45 Resp: 39231

Ion	Ratio	Lower	Upper
45	100		
43	64.1	51.3	76.9
87	35.7	30.6	46.0
59	13.8	9.6	14.4

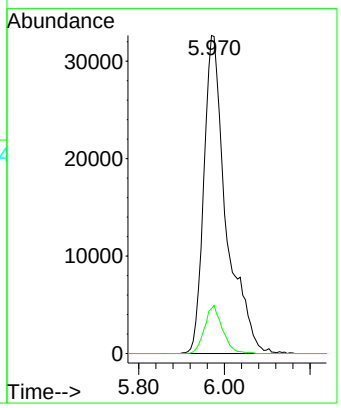




#23
Vinyl Acetate
Concen: 101.585 ug/l
RT: 5.970 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 43 Resp: 118423

Ion	Ratio	Lower	Upper
43	100		
86	14.1	12.0	18.0



Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

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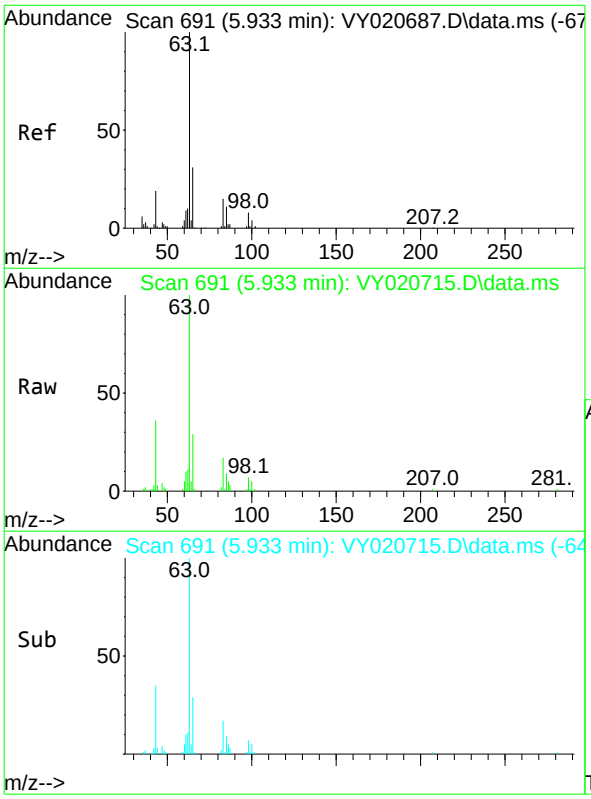
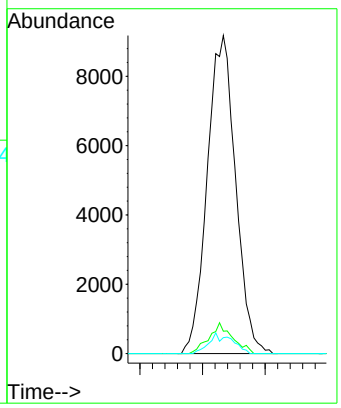
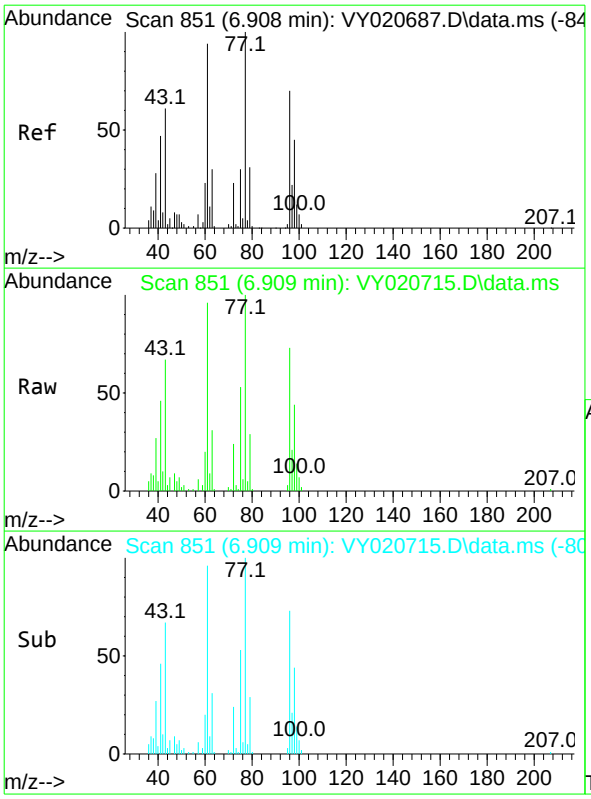


#24
1,1-Dichloroethane
Concen: 19.732 ug/l
RT: 5.933 min Scan# 691
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 63 Resp: 28874

Ion	Ratio	Lower	Upper
63	100		
98	7.0	4.0	12.0
100	5.0	2.1	6.2

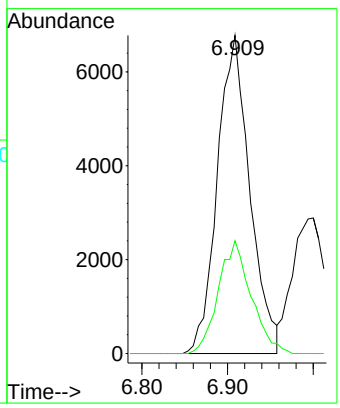




#25
2-Butanone
Concen: 105.875 ug/l
RT: 6.909 min Scan# 85
Delta R.T. 0.001 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 43 Resp: 17840

Ion	Ratio	Lower	Upper
43	100		
72	35.5	29.5	44.3



Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

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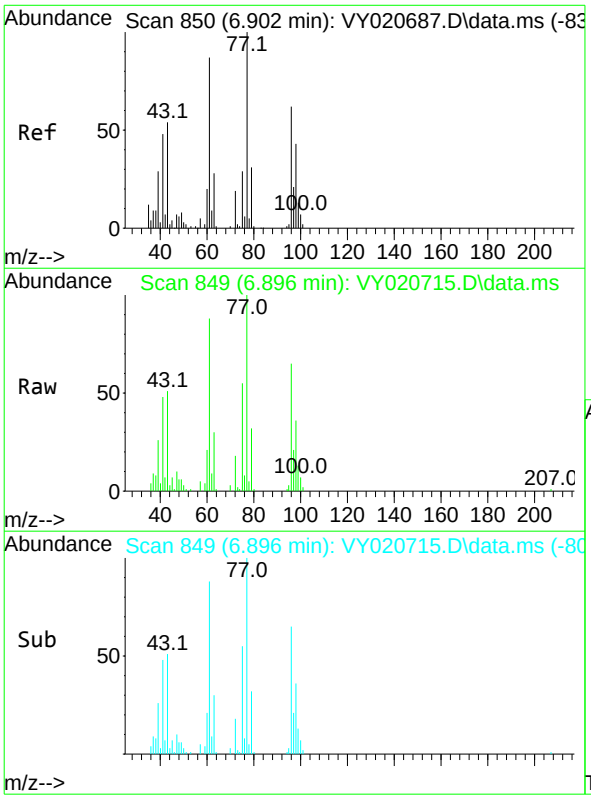
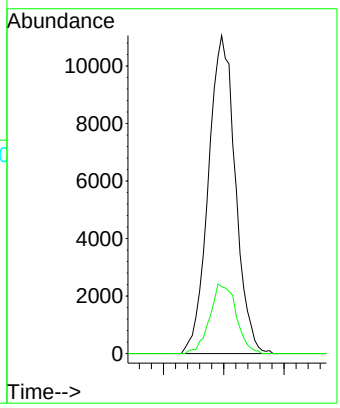
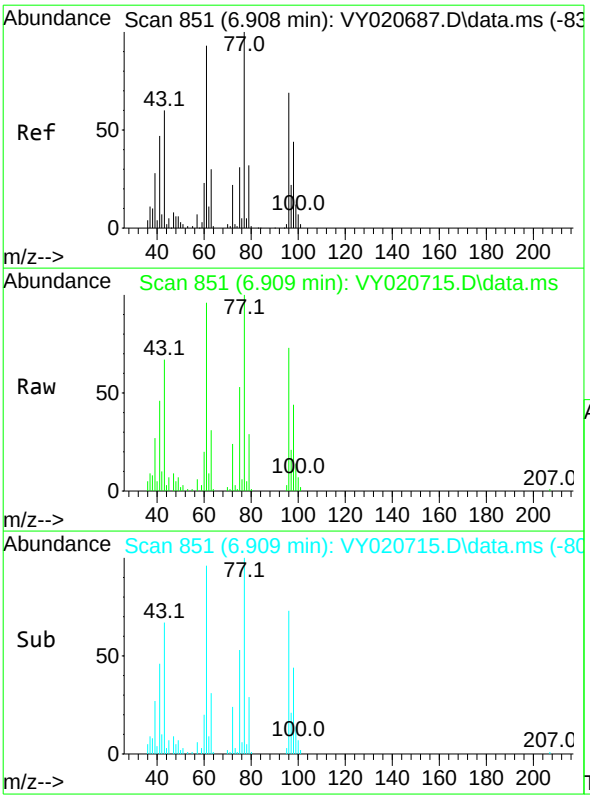


#26
2,2-Dichloropropane
Concen: 19.214 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 77 Resp: 34412

Ion	Ratio	Lower	Upper
77	100		
97	21.4	10.8	32.4





#27
cis-1,2-Dichloroethene
Concen: 19.302 ug/l
RT: 6.909 min Scan# 85
Delta R.T. 0.001 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tgt Ion: 96 Resp: 20436

Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	277.2
98	64.2	0.0	131.0

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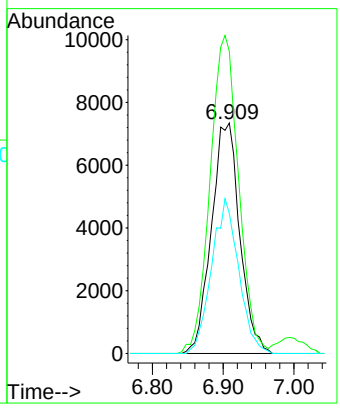
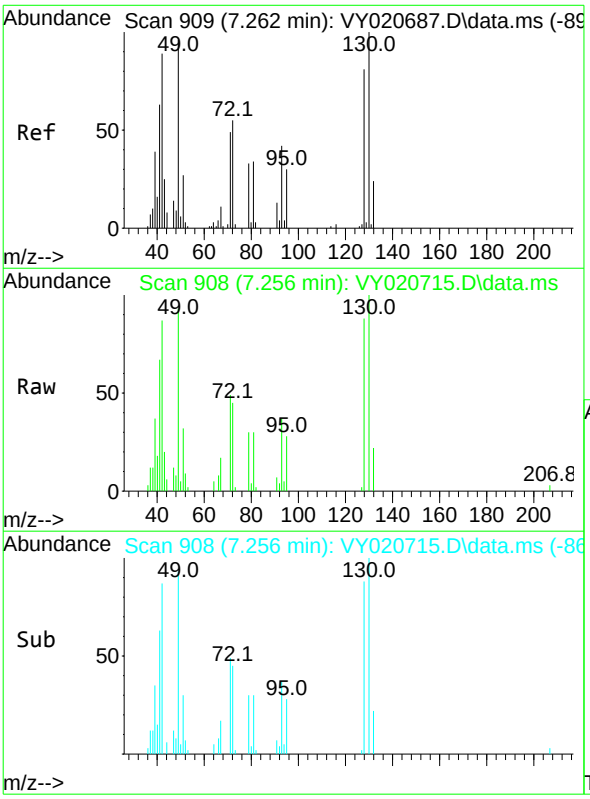
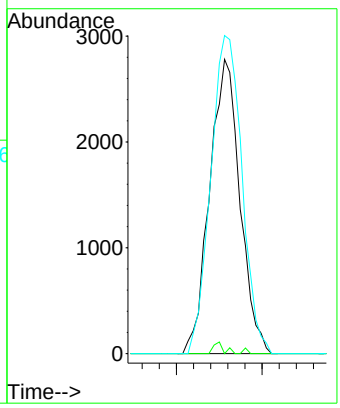


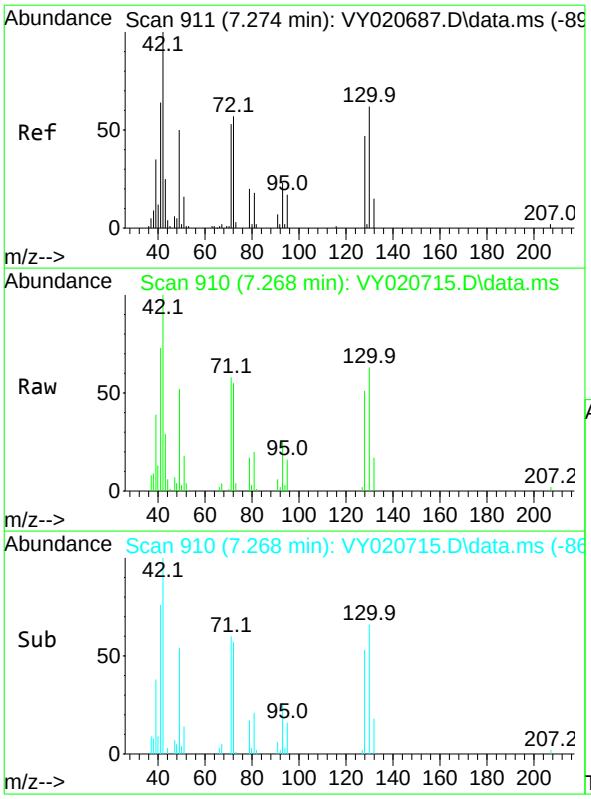


#28
Bromochloromethane
Concen: 17.648 ug/l
RT: 7.256 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 49 Resp: 6829

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	5.4
130	111.4	87.2	130.8

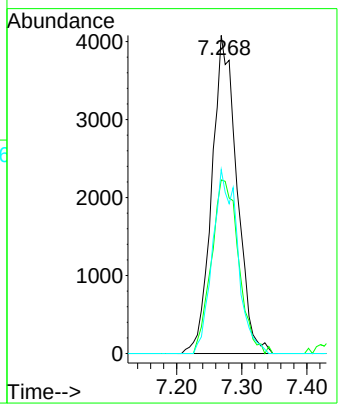




#29
Tetrahydrofuran
Concen: 105.377 ug/l
RT: 7.268 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 42 Resp: 10899

Ion	Ratio	Lower	Upper
42	100		
72	59.1	47.4	71.0
71	57.6	42.8	64.2



Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

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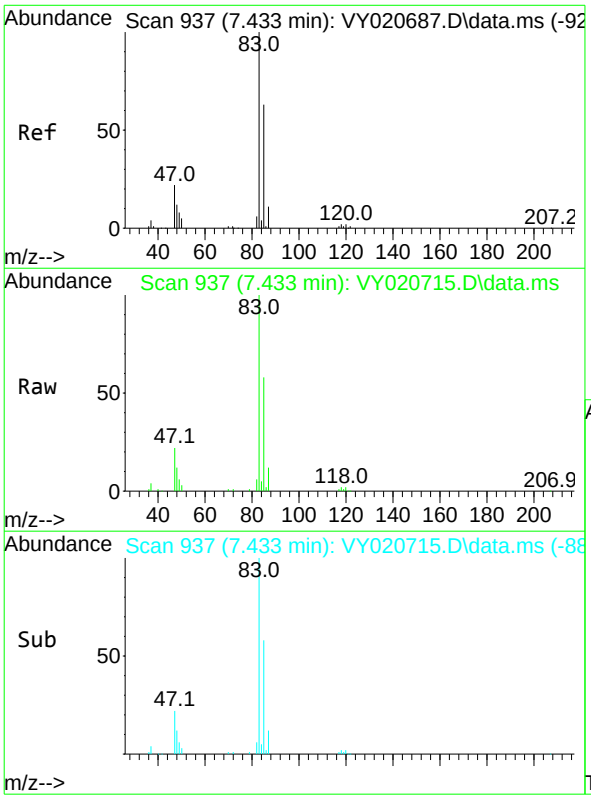
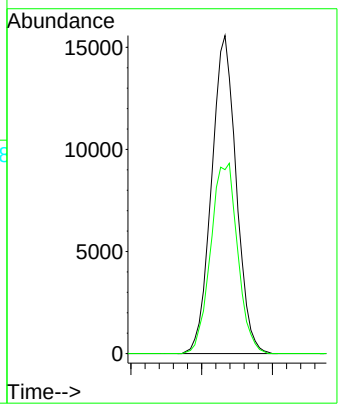
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

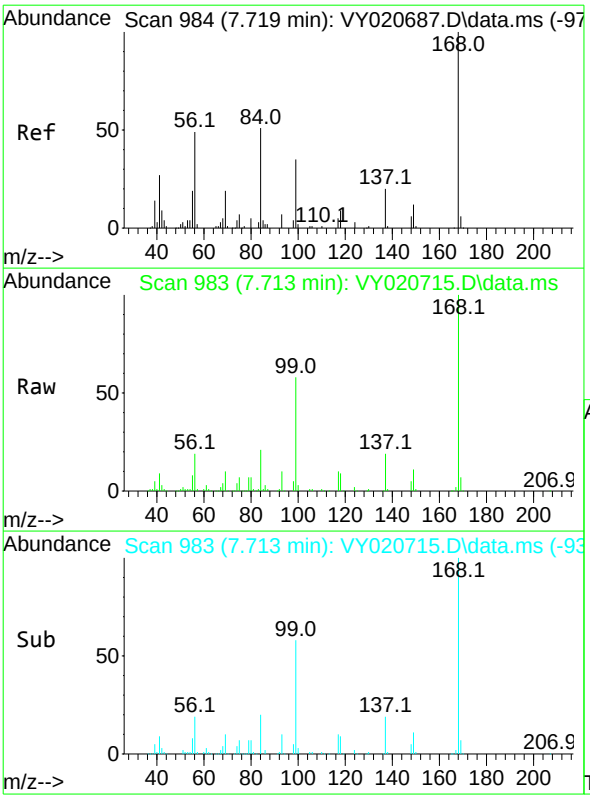


#30
Chloroform
Concen: 20.060 ug/l
RT: 7.433 min Scan# 937
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 83 Resp: 37760

Ion	Ratio	Lower	Upper
83	100		
85	57.8	50.2	75.2





#31
Cyclohexane
Concen: 19.354 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 56 Resp: 24445

Ion	Ratio	Lower	Upper
56	100		
69	54.0	31.3	46.9#
84	109.5	83.9	125.9

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Manual Integrations
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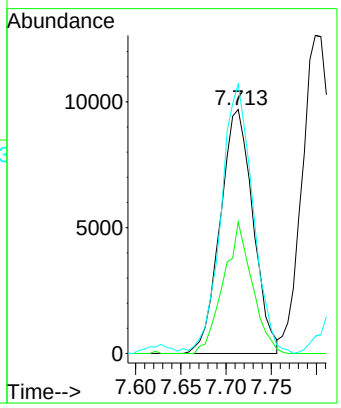
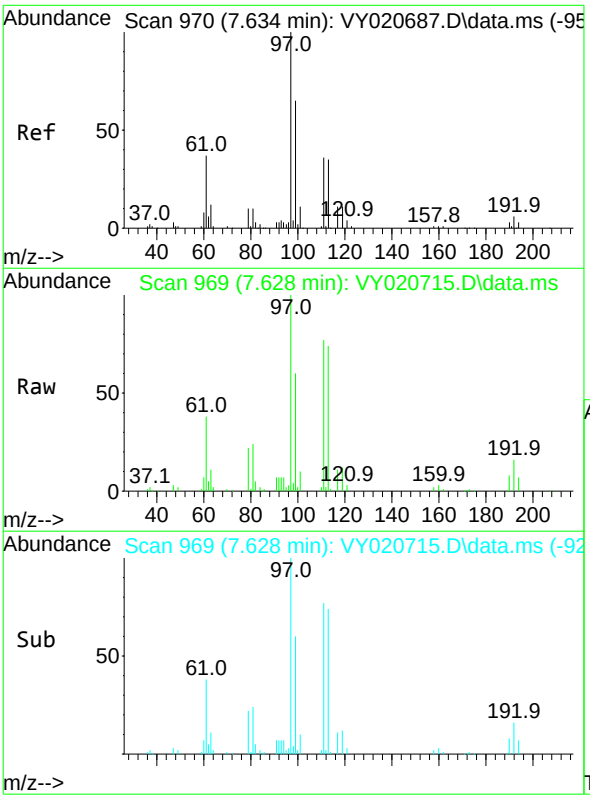
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

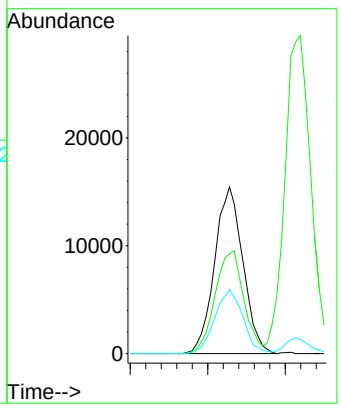


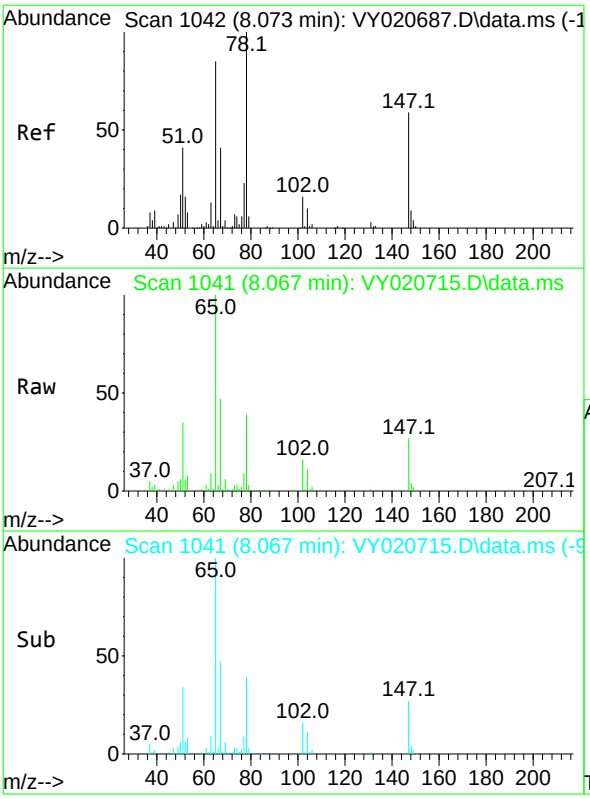


#32
1,1,1-Trichloroethane
Concen: 19.385 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 97 Resp: 39114

Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.0	76.6
61	38.2	30.0	45.0





#33
1,2-Dichloroethane-d4
Concen: 55.004 ug/l
RT: 8.067 min Scan# 10
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 65 Resp: 54084

Ion	Ratio	Lower	Upper
65	100		
67	46.8	0.0	98.0

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

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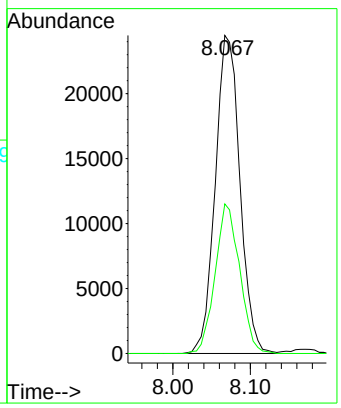
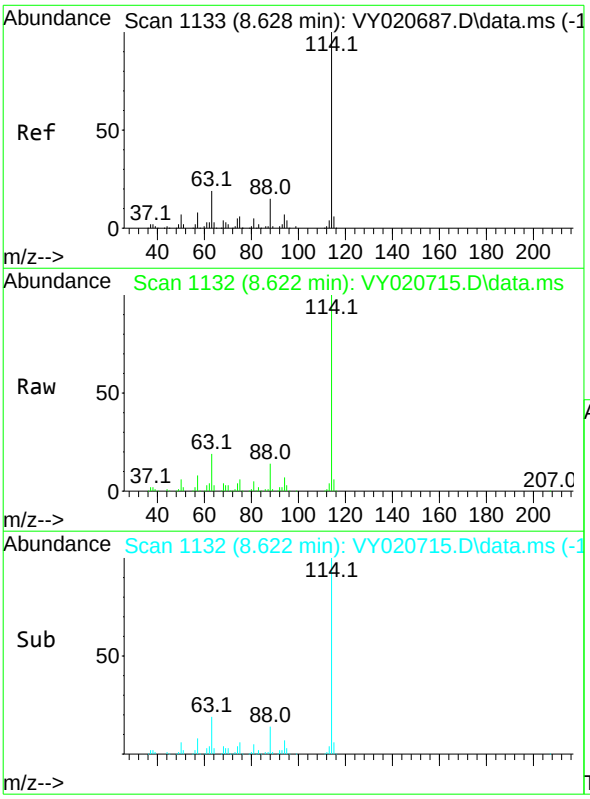
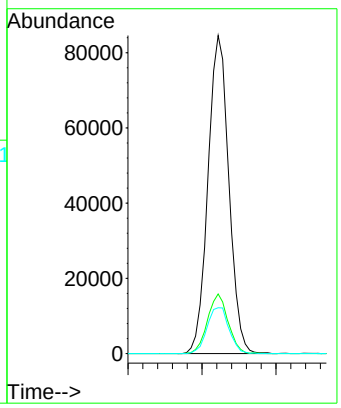


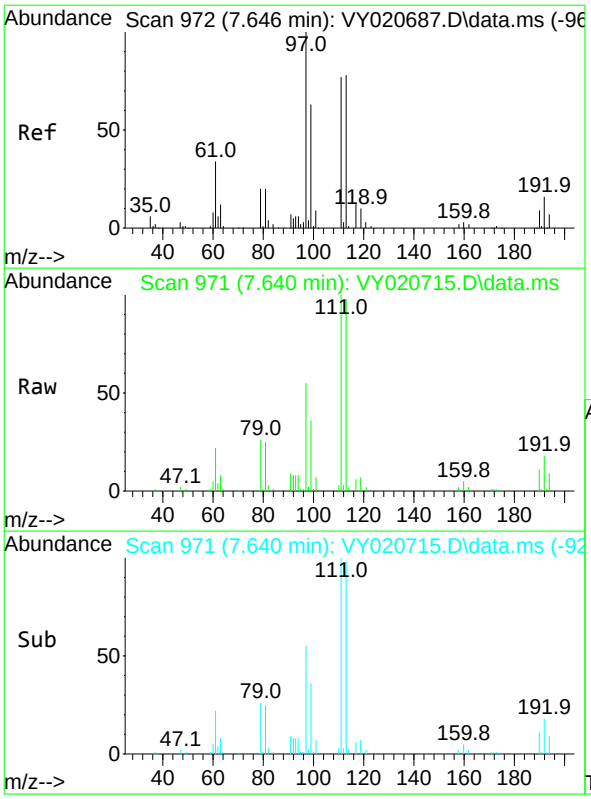


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:114 Resp: 165739

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.4
88	14.4	0.0	30.4

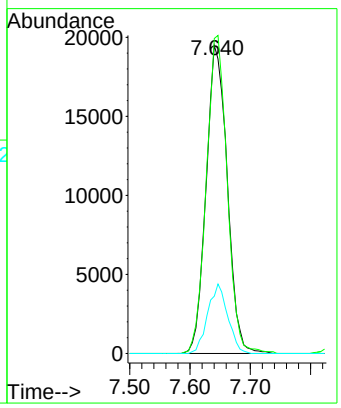




#35
Dibromofluoromethane
Concen: 52.103 ug/l
RT: 7.640 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:113 Resp: 47566

Ion	Ratio	Lower	Upper
113	100		
111	101.7	79.8	119.8
192	21.3	17.0	25.6



Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

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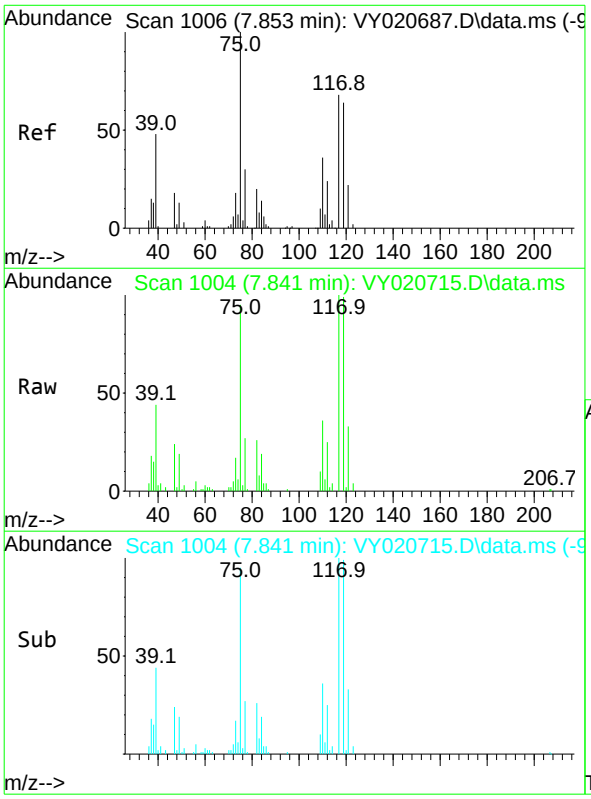
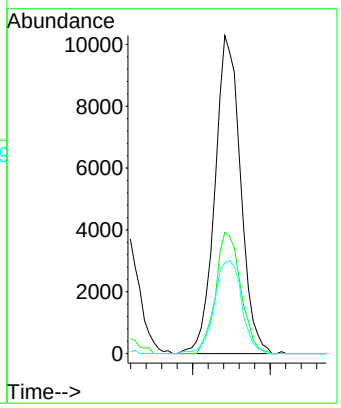
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

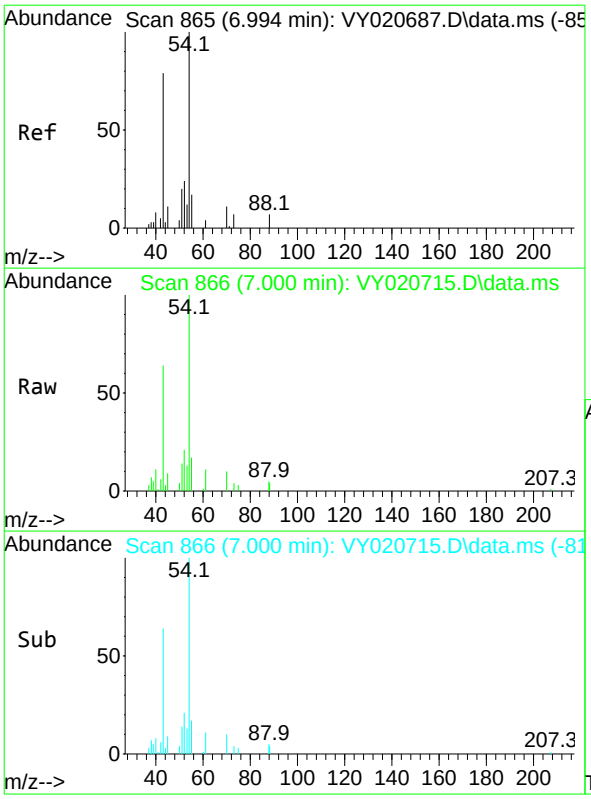


#36
1,1-Dichloropropene
Concen: 19.569 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.012 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 75 Resp: 23598

Ion	Ratio	Lower	Upper
75	100		
110	37.5	19.6	58.7
77	31.3	25.1	37.7

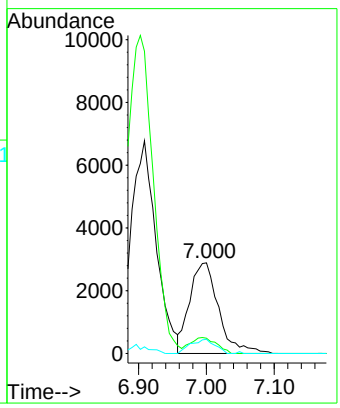




#37
Ethyl Acetate
Concen: 21.556 ug/l
RT: 7.000 min Scan# 86
Delta R.T. 0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 43 Resp: 8566

Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.7	17.5
70	13.2	11.0	16.4



Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

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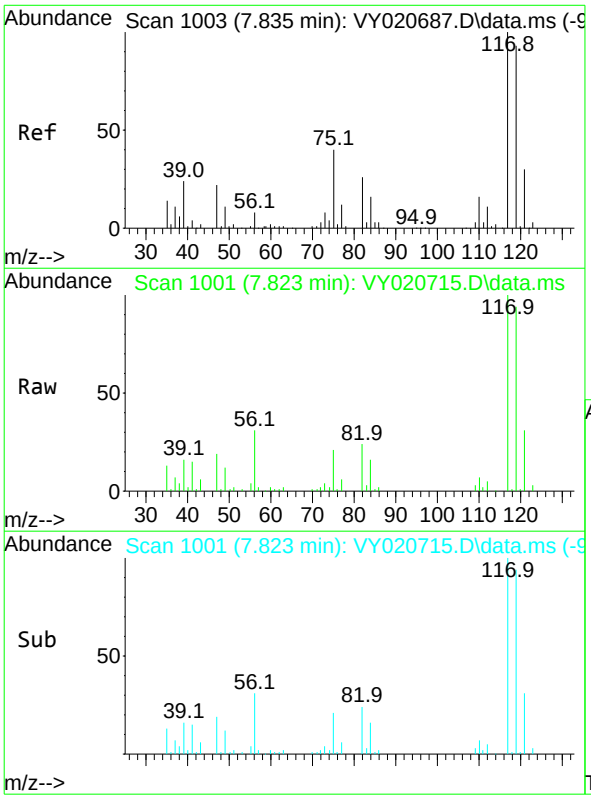
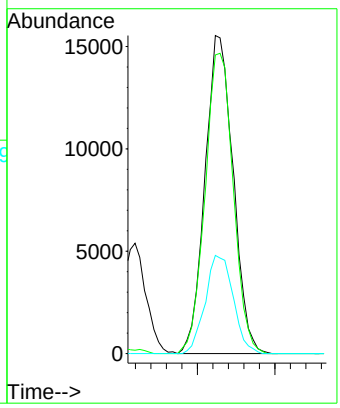
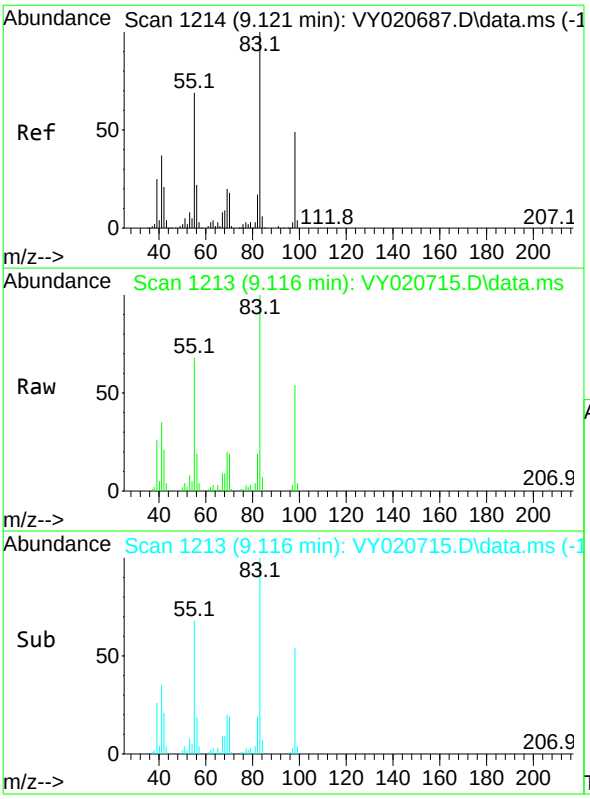


#38
Carbon Tetrachloride
Concen: 19.734 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.012 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:117 Resp: 39187

Ion	Ratio	Lower	Upper
117	100		
119	93.9	74.4	111.6
121	30.9	24.2	36.2





#39
Methylcyclohexane
Concen: 19.742 ug/l
RT: 9.116 min Scan# 12
Delta R.T. -0.005 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 83 Resp: 30514

Ion	Ratio	Lower	Upper
83	100		
55	68.0	55.0	82.4
98	53.7	39.0	58.6

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

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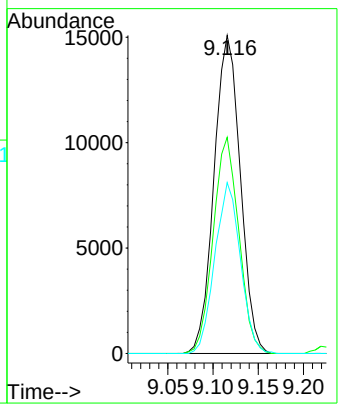
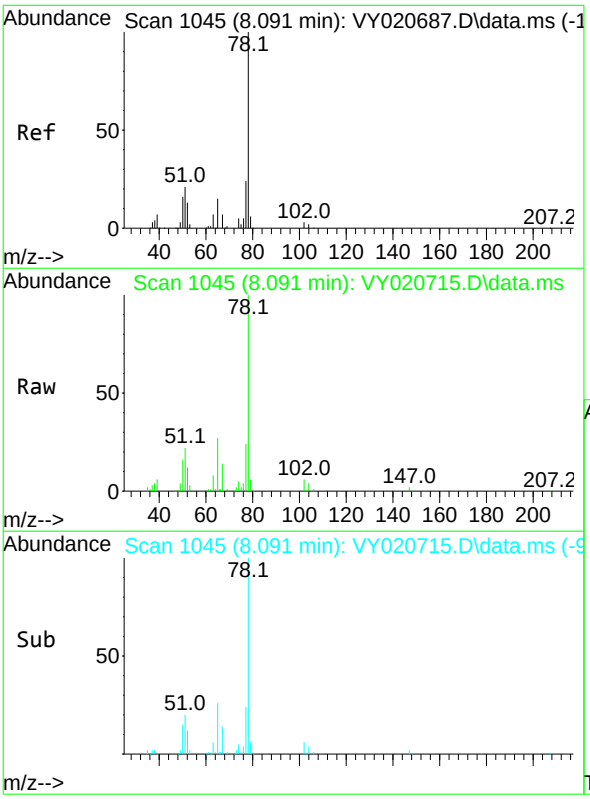
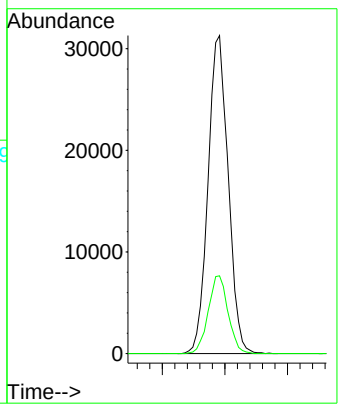


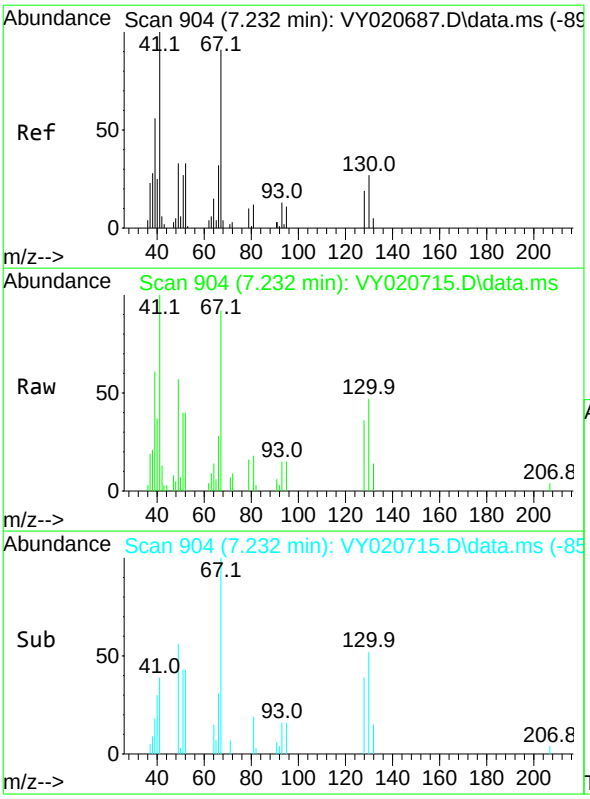


#40
Benzene
Concen: 19.987 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 78 Resp: 69851

Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.2	28.8





#41
Methacrylonitrile
Concen: 18.637 ug/l m
RT: 7.232 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tgt Ion: 41 Resp: 3741

Ion	Ratio	Lower	Upper
41	100		
39	99.4	46.6	70.0#
67	0.0	74.7	112.1#
52	0.0	32.2	48.4#

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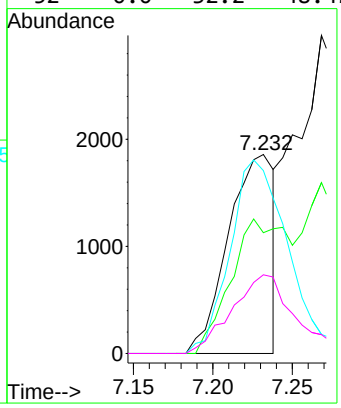
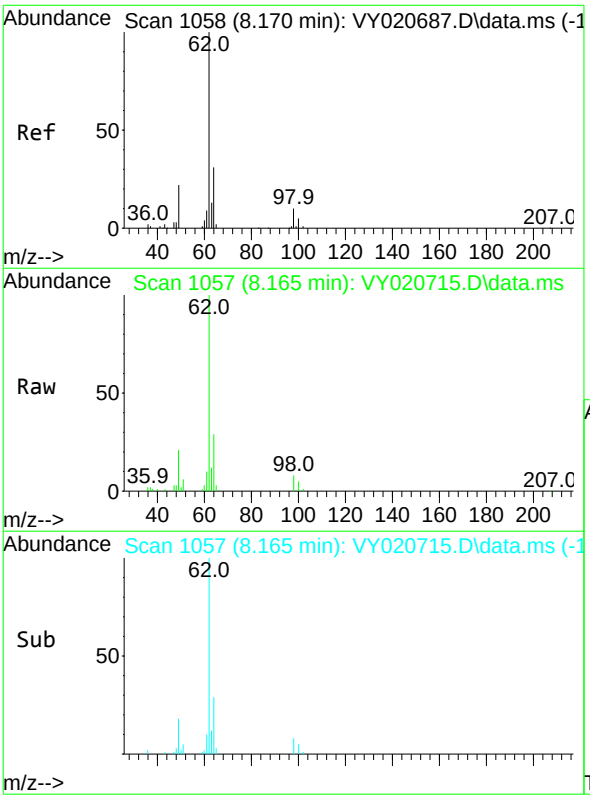
Supervised By :Semsettin Yesilyurt 12/27/2024

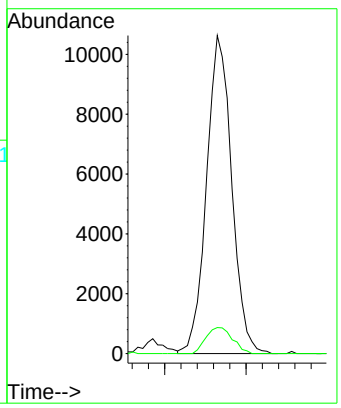


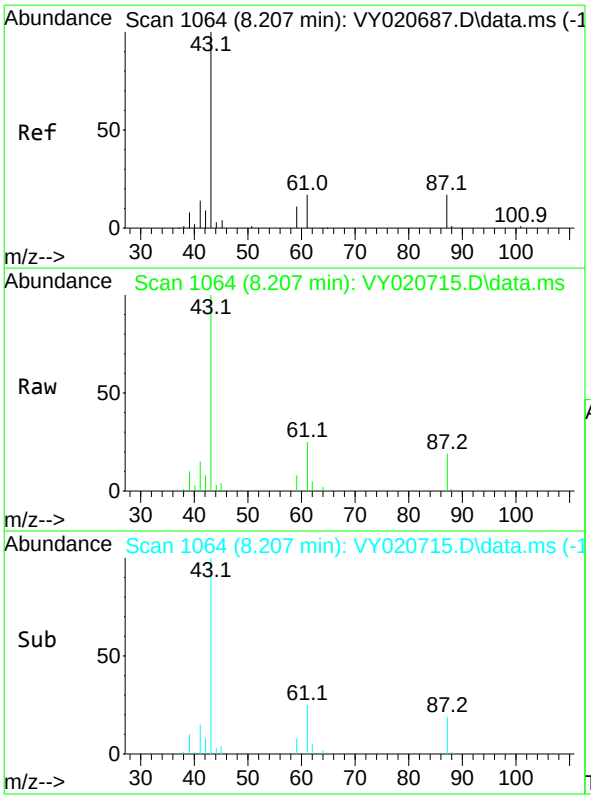


#42
1,2-Dichloroethane
Concen: 20.396 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 62 Resp: 22857

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6

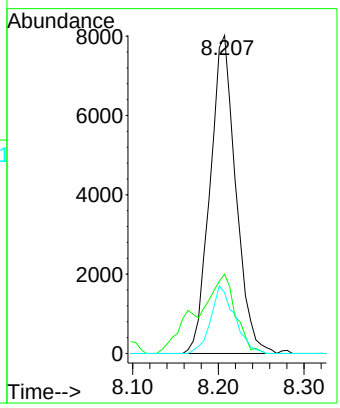




#43
Isopropyl Acetate
Concen: 19.754 ug/l
RT: 8.207 min Scan# 10
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 43 Resp: 16685

Ion	Ratio	Lower	Upper
43	100		
61	26.3	27.0	40.4#
87	19.9	14.2	21.4



Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Manual Integrations
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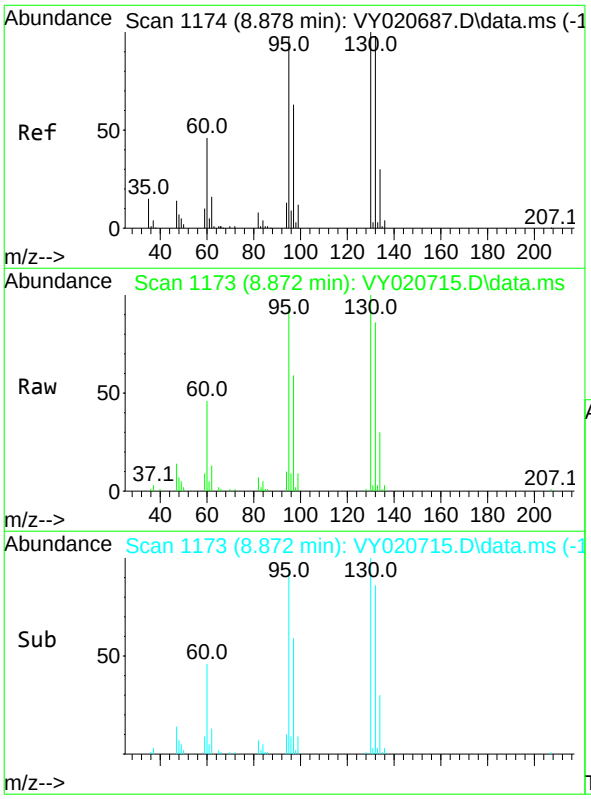
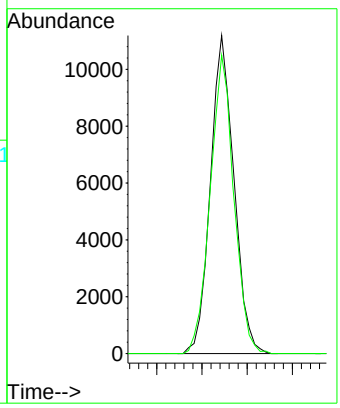
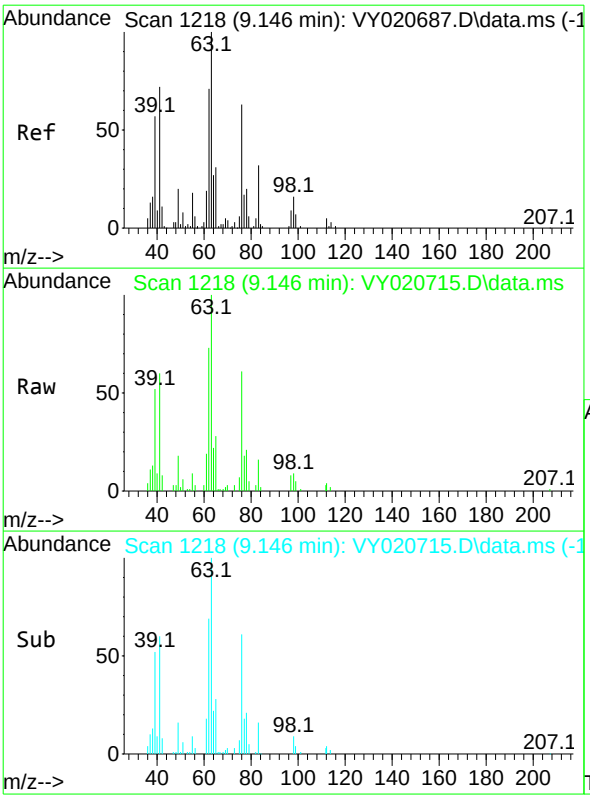


#44
Trichloroethene
Concen: 19.365 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:130 Resp: 20214

Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	194.8

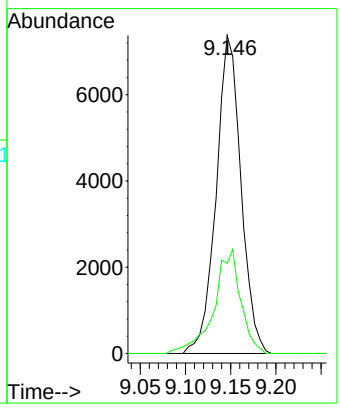




#45
1,2-Dichloropropane
Concen: 19.891 ug/l
RT: 9.146 min Scan# 12
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 63 Resp: 14072

Ion	Ratio	Lower	Upper
63	100		
65	28.3	24.6	36.8



Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

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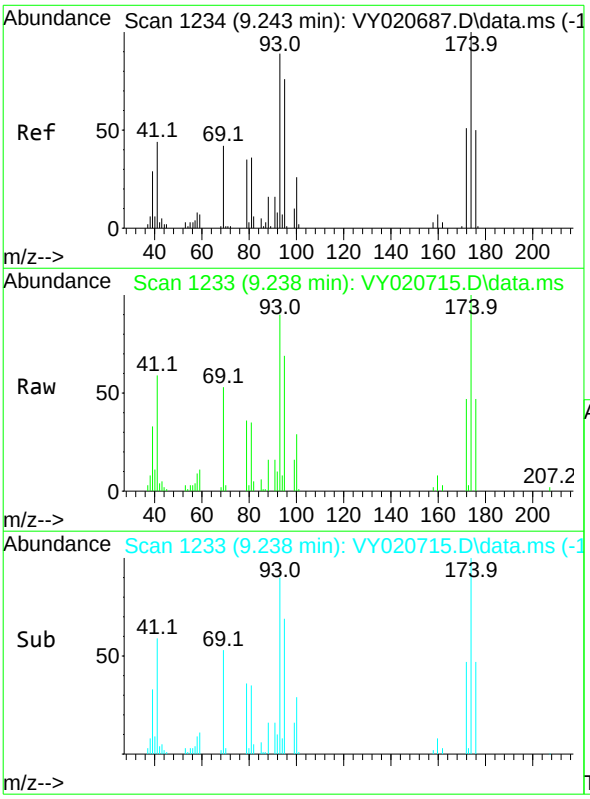
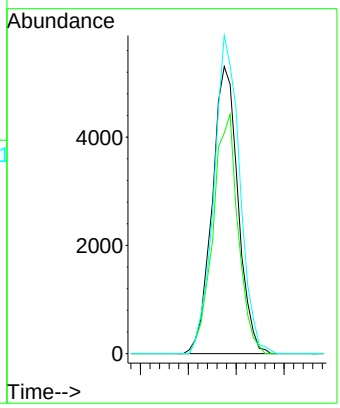
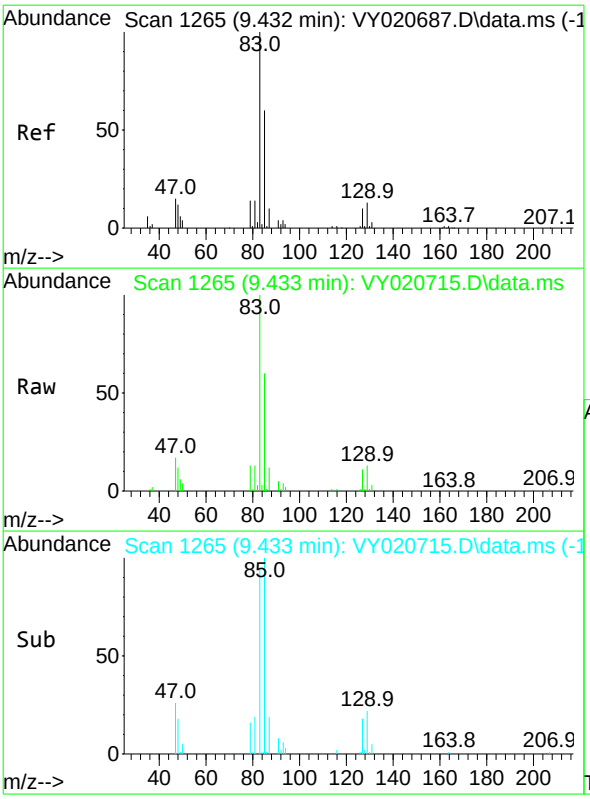


#46
Dibromomethane
Concen: 20.339 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. -0.005 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 93 Resp: 9956

Ion	Ratio	Lower	Upper
93	100		
95	80.6	67.8	101.8
174	110.8	89.4	134.0

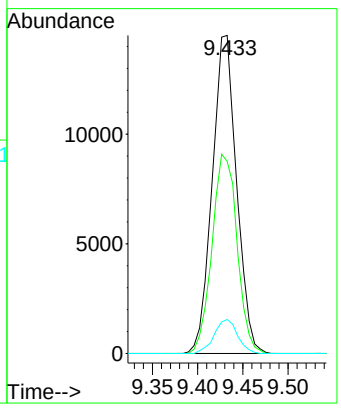




#47
Bromodichloromethane
Concen: 19.608 ug/l
RT: 9.433 min Scan# 12
Delta R.T. 0.001 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 83 Resp: 27211

Ion	Ratio	Lower	Upper
83	100		
85	60.4	47.6	71.4
127	10.7	7.9	11.9



Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Manual Integrations
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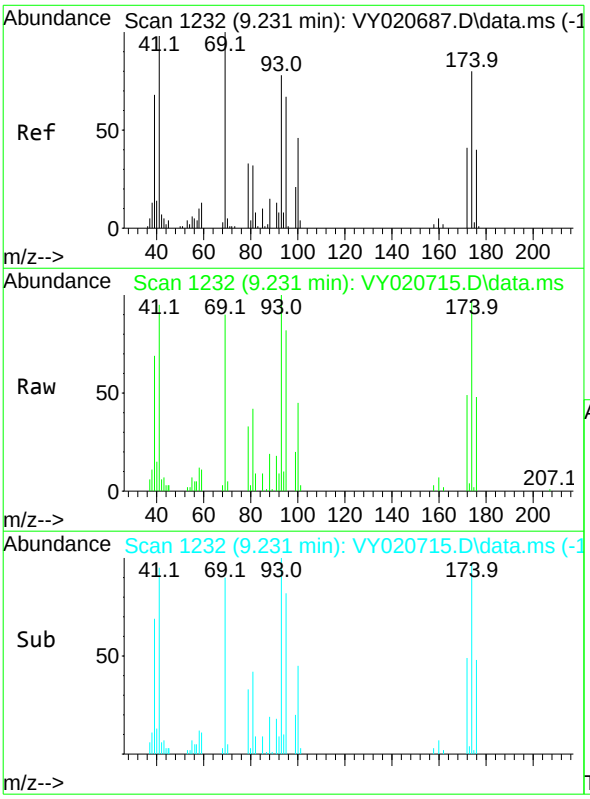
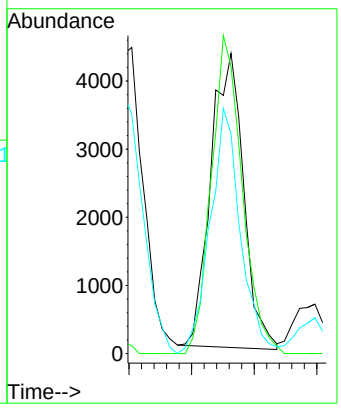
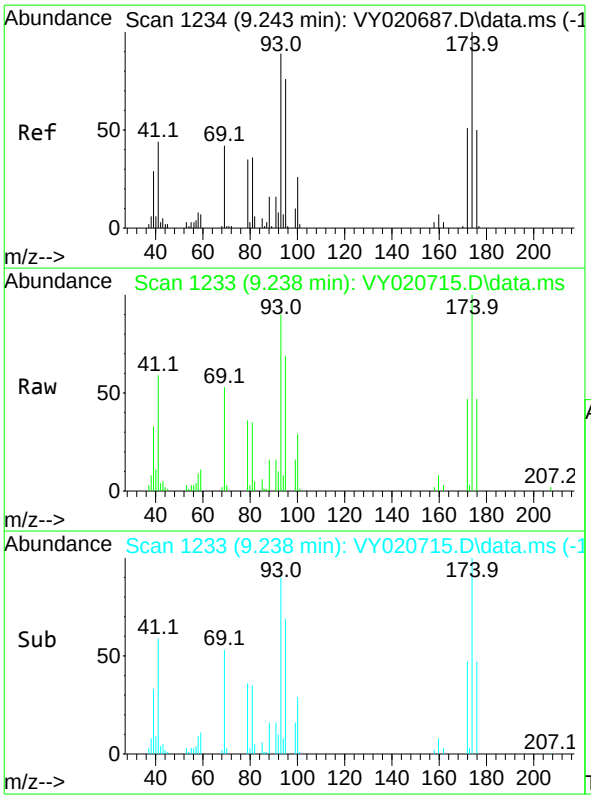


#48
Methyl methacrylate
Concen: 19.912 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 41 Resp: 7854

Ion	Ratio	Lower	Upper
41	100		
69	101.9	83.1	124.7
39	76.9	57.3	85.9





#49
1,4-Dioxane
Concen: 445.671 ug/l
RT: 9.238 min Scan# 12
Delta R.T. -0.005 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tgt Ion: 88 Resp: 2078

Ion	Ratio	Lower	Upper
88	100		
43	29.7	22.1	33.1
58	62.4	46.7	70.1

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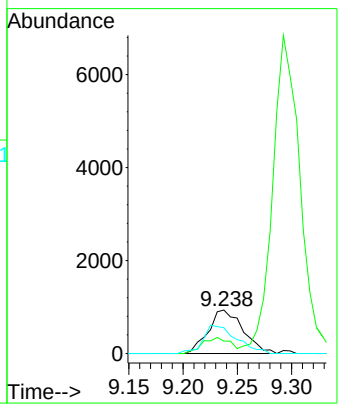
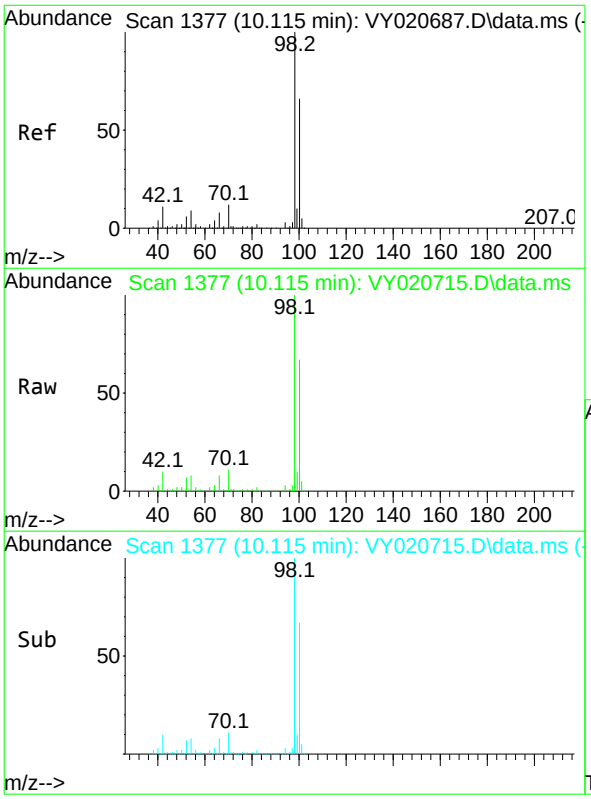
Supervised By :Semsettin Yesilyurt 12/27/2024

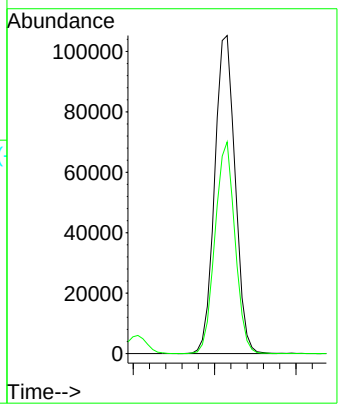


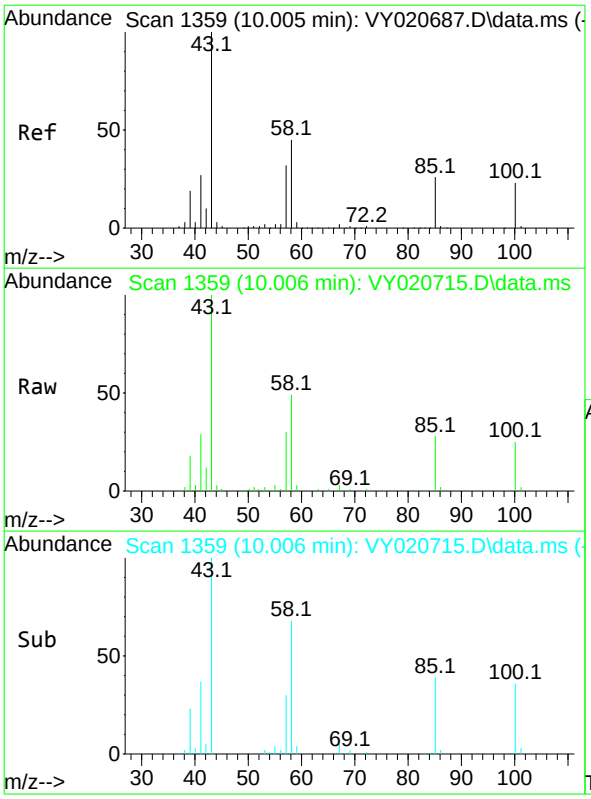


#50
Toluene-d8
Concen: 50.606 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 98 Resp: 183793

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4





#51
4-Methyl-2-Pentanone
Concen: 105.031 ug/l
RT: 10.006 min Scan# 13
Delta R.T. 0.001 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 43 Resp: 42819

Ion	Ratio	Lower	Upper
43	100		
58	43.7	35.1	52.7

Instrument :
MSVOA_Y
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VY1226SBS01

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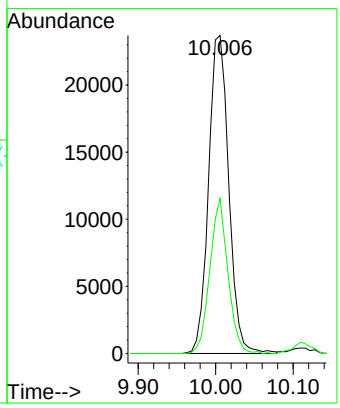
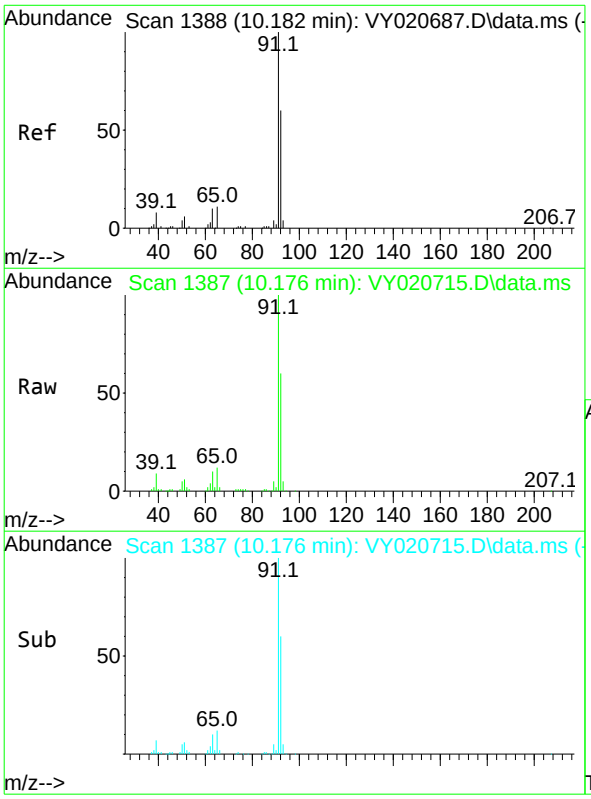
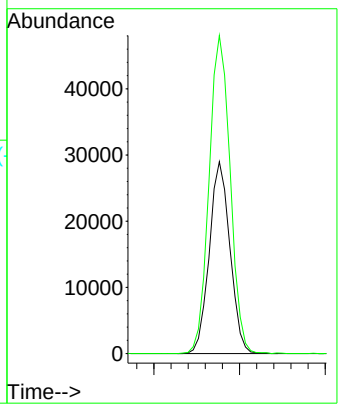


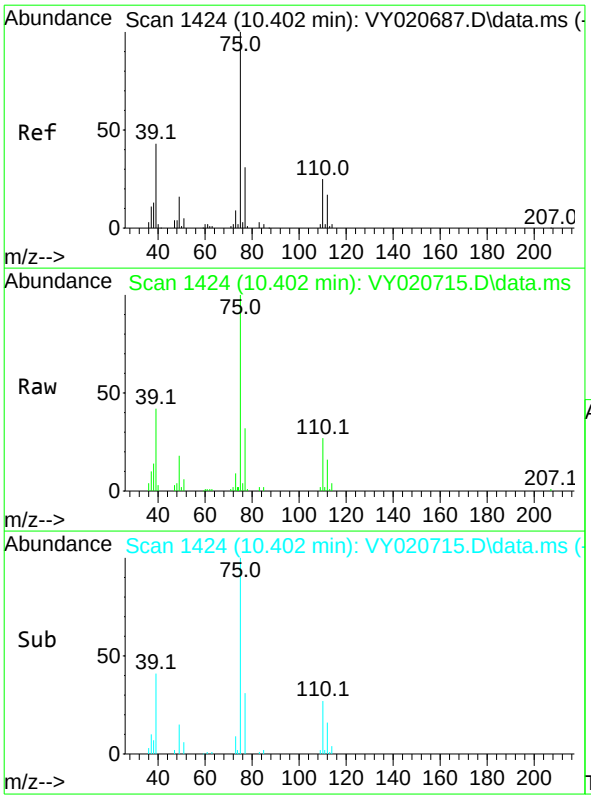


#52
Toluene
Concen: 20.266 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 92 Resp: 48544

Ion	Ratio	Lower	Upper
92	100		
91	169.4	137.7	206.5

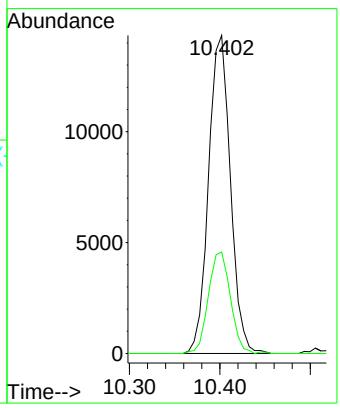




#53
t-1,3-Dichloropropene
Concen: 19.744 ug/l
RT: 10.402 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 75 Resp: 24065

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.1	37.7



Instrument :
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ClientSampleId :
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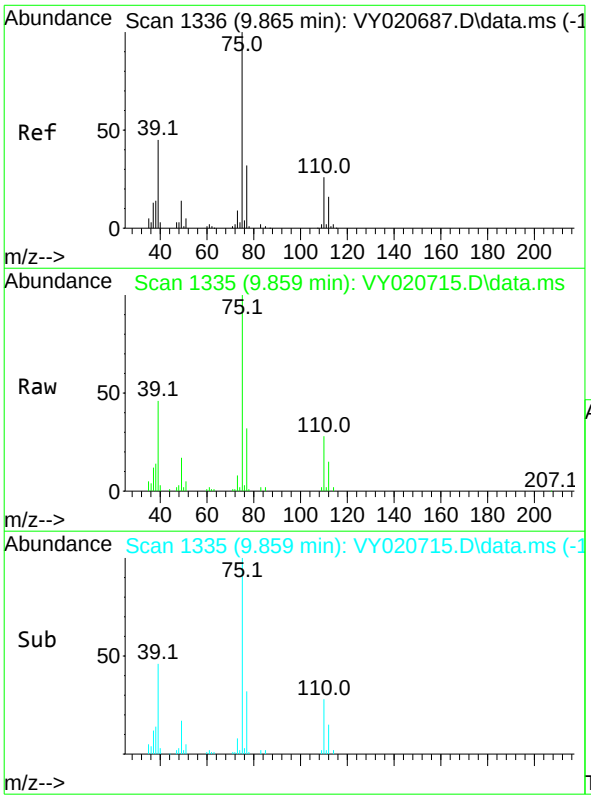
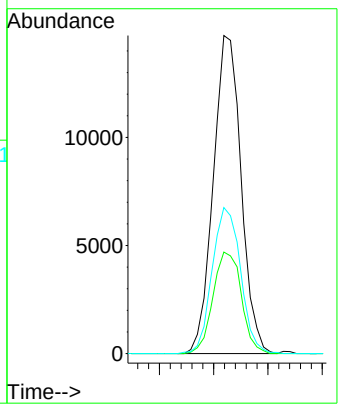
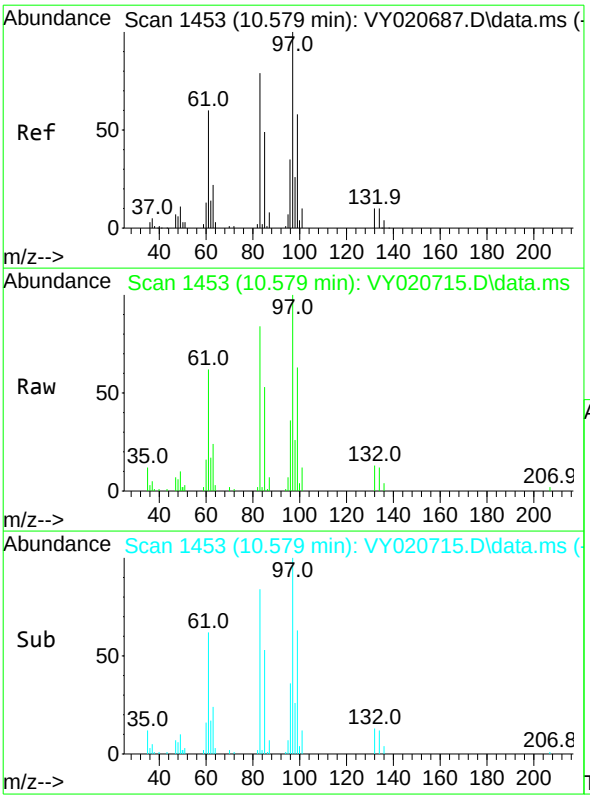


#54
cis-1,3-Dichloropropene
Concen: 19.616 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 75 Resp: 26207

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.6	38.4
39	45.9	36.2	54.2

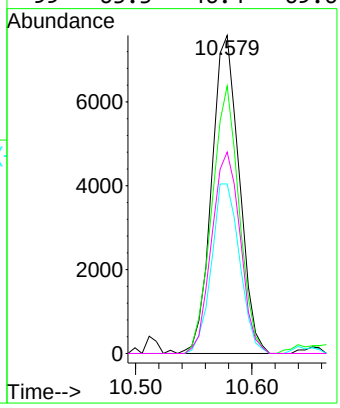




#55
1,1,2-Trichloroethane
Concen: 20.014 ug/l
RT: 10.579 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 97 Resp: 12505

Ion	Ratio	Lower	Upper
97	100		
83	84.1	63.1	94.7
85	53.3	39.5	59.3
99	63.3	46.4	69.6



Instrument :
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ClientSampleId :
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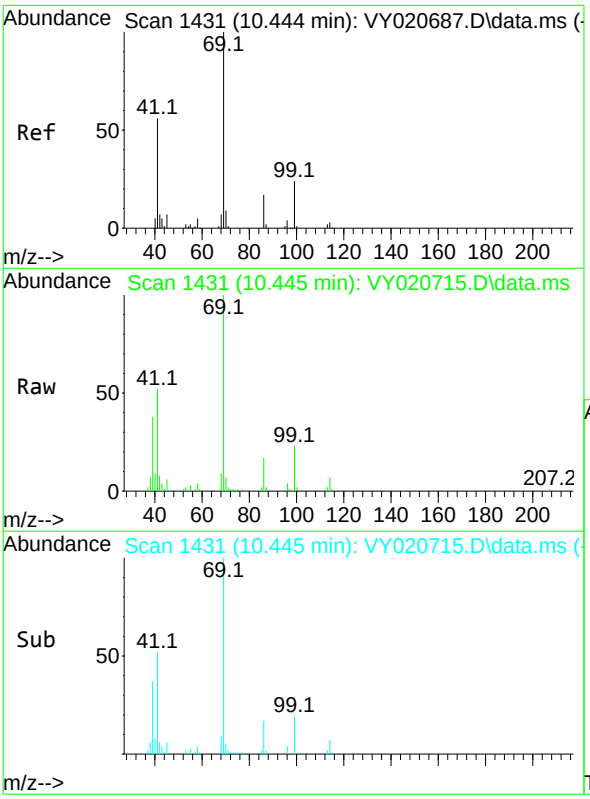
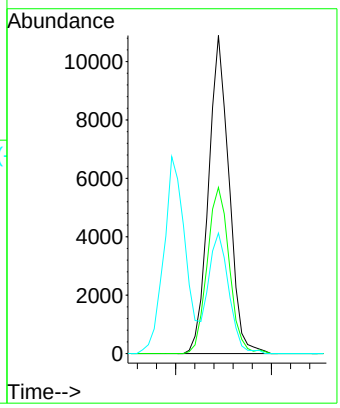
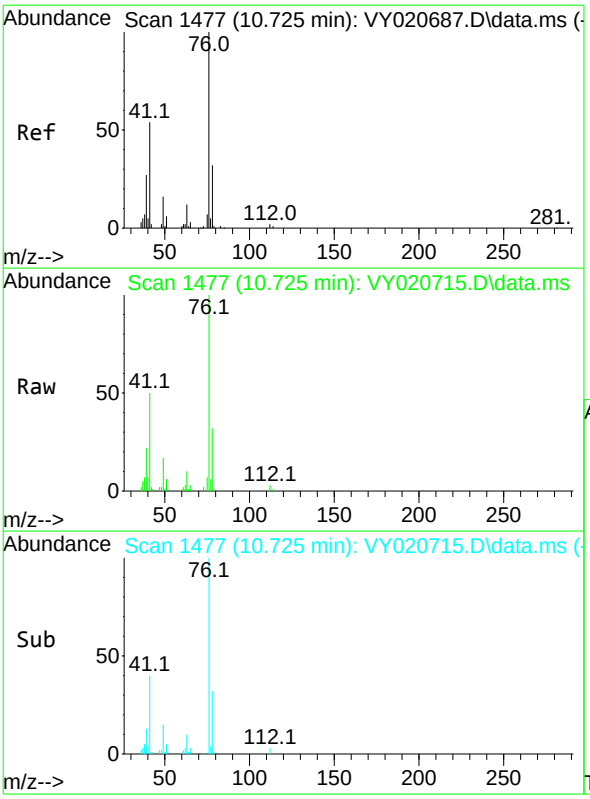


#56
Ethyl methacrylate
Concen: 19.708 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 69 Resp: 16177

Ion	Ratio	Lower	Upper
69	100		
41	56.5	43.8	65.6
39	37.1	32.0	48.0

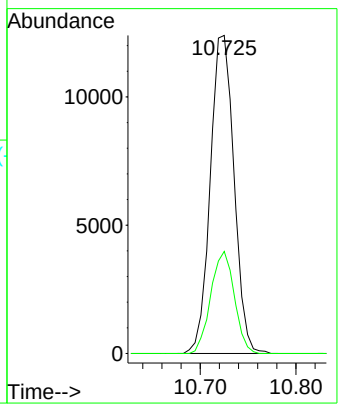




#57
1,3-Dichloropropane
Concen: 21.046 ug/l
RT: 10.725 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 76 Resp: 21343

Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.0	37.6



Instrument :
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ClientSampleId :
VY1226SBS01

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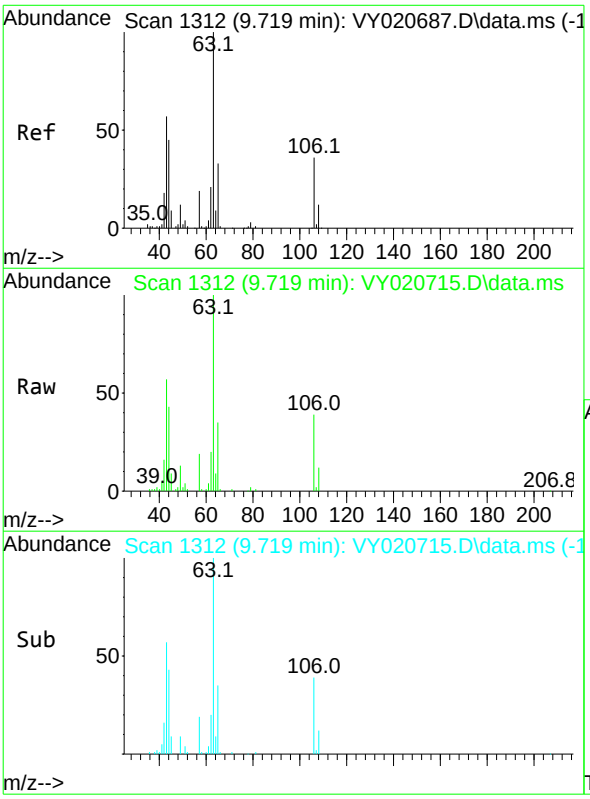
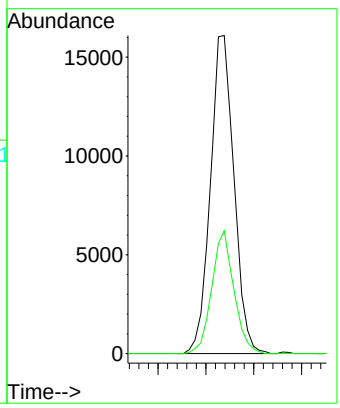
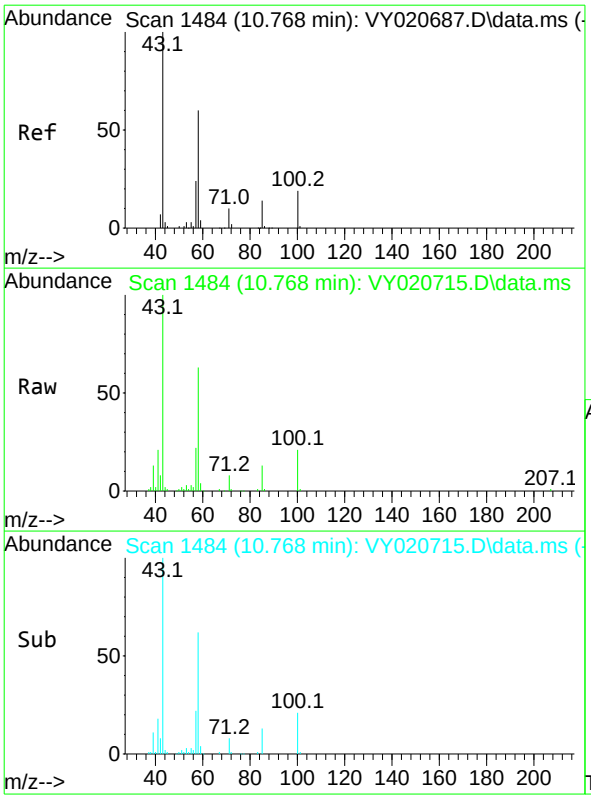


#58
2-Chloroethyl Vinyl ether
Concen: 96.265 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 63 Resp: 27555

Ion	Ratio	Lower	Upper
63	100		
106	36.1	29.1	43.7





#59
2-Hexanone
Concen: 104.703 ug/l
RT: 10.768 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 43 Resp: 28183

Ion	Ratio	Lower	Upper
43	100		
58	61.5	30.1	90.5

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

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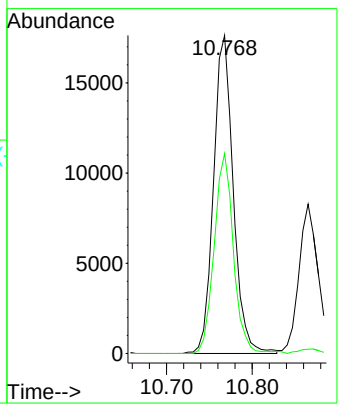
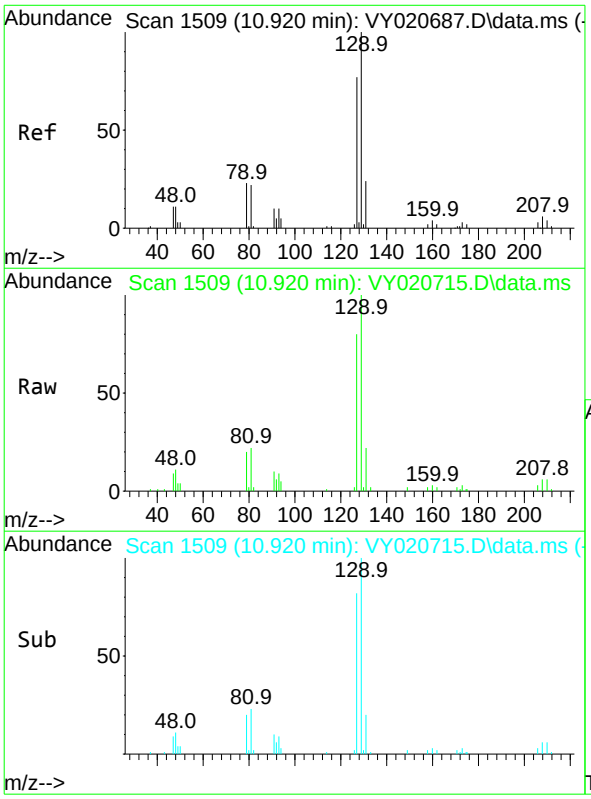
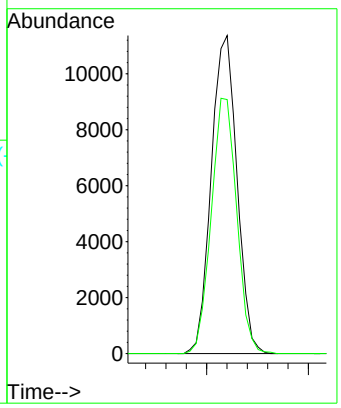


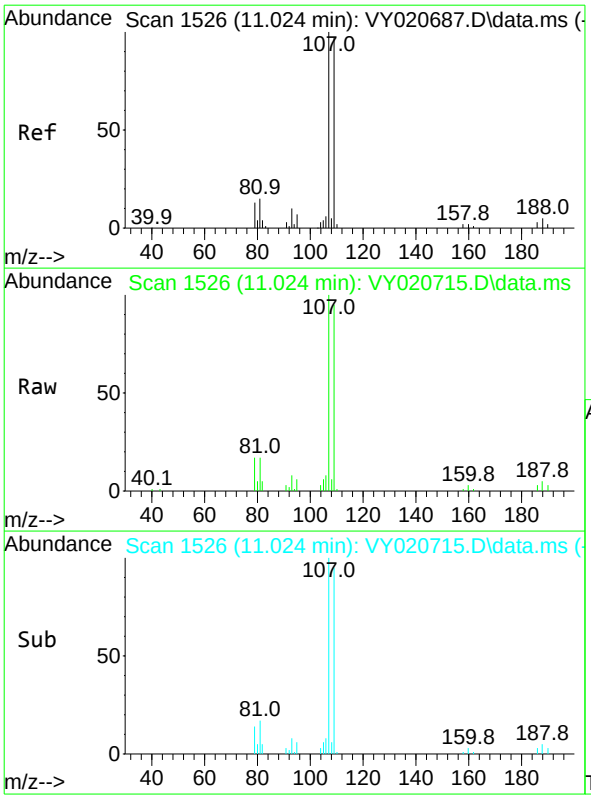


#60
Dibromochloromethane
Concen: 19.763 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:129 Resp: 19953

Ion	Ratio	Lower	Upper
129	100		
127	79.5	38.5	115.5





#61
1,2-Dibromoethane
Concen: 20.222 ug/l
RT: 11.024 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:107 Resp: 11889

Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.5	113.3

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

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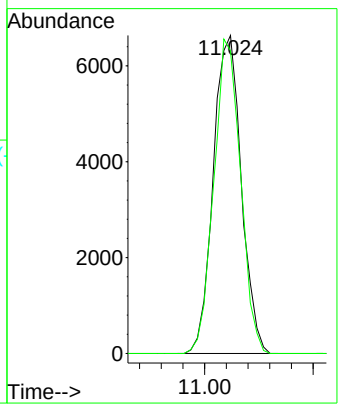
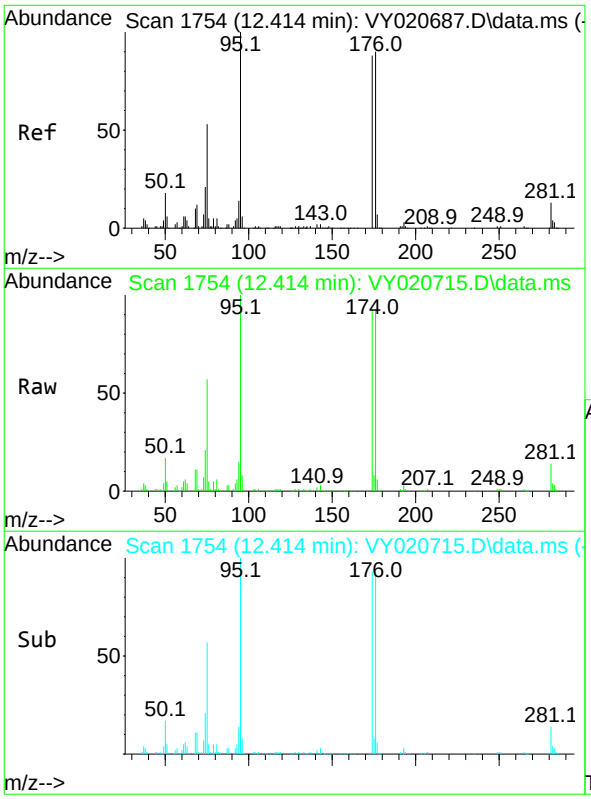
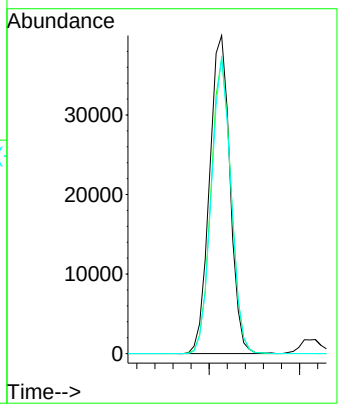


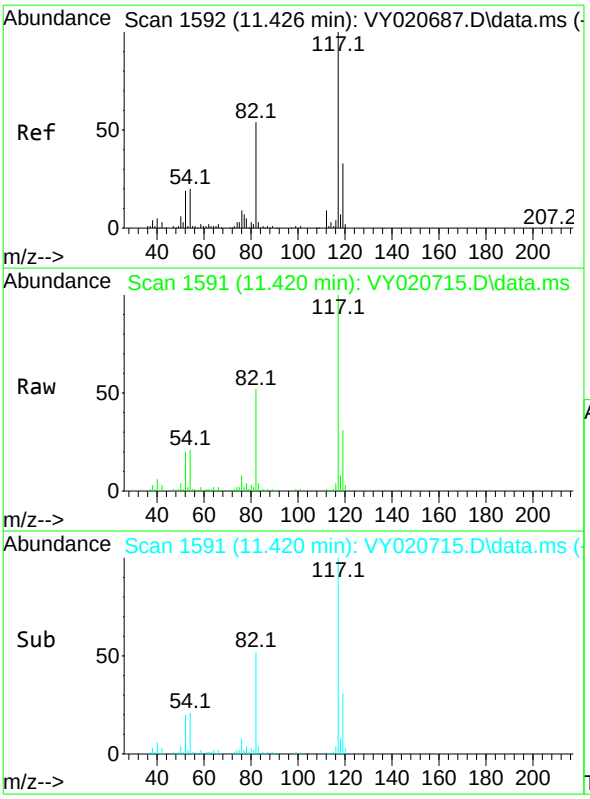


#62
4-Bromofluorobenzene
Concen: 51.825 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 95 Resp: 62876

Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	179.2
176	89.4	0.0	179.8

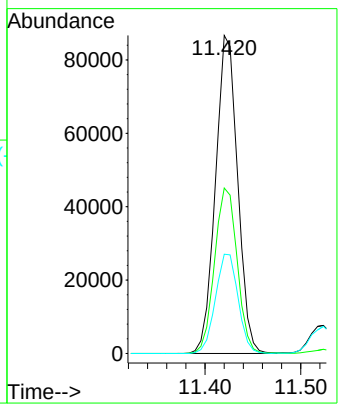




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:117 Resp: 139363

Ion	Ratio	Lower	Upper
117	100		
82	52.0	43.4	65.2
119	31.2	26.6	39.8



Instrument :
MSVOA_Y
ClientSampleId :
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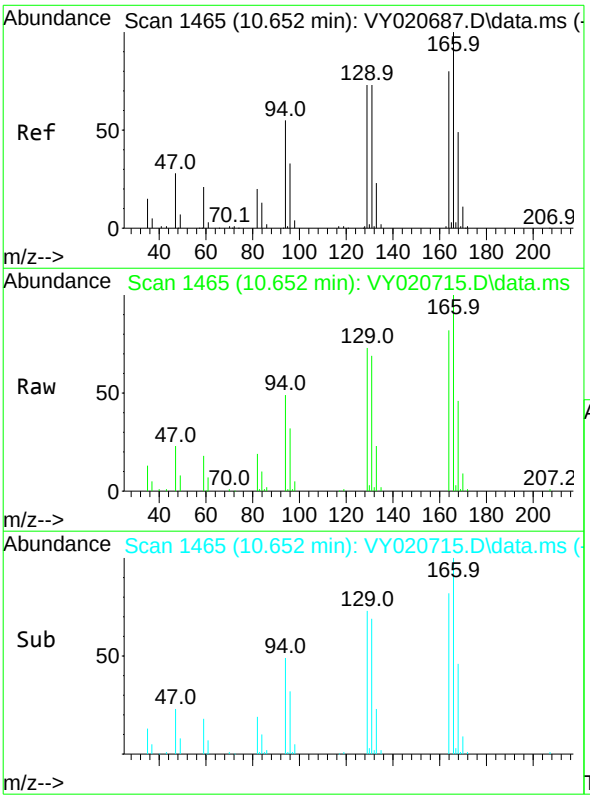
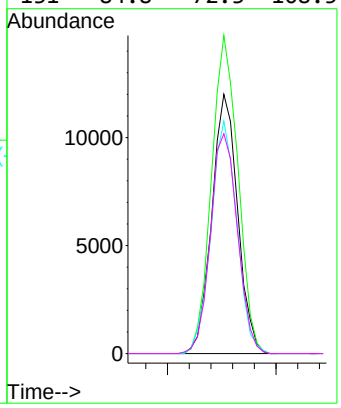
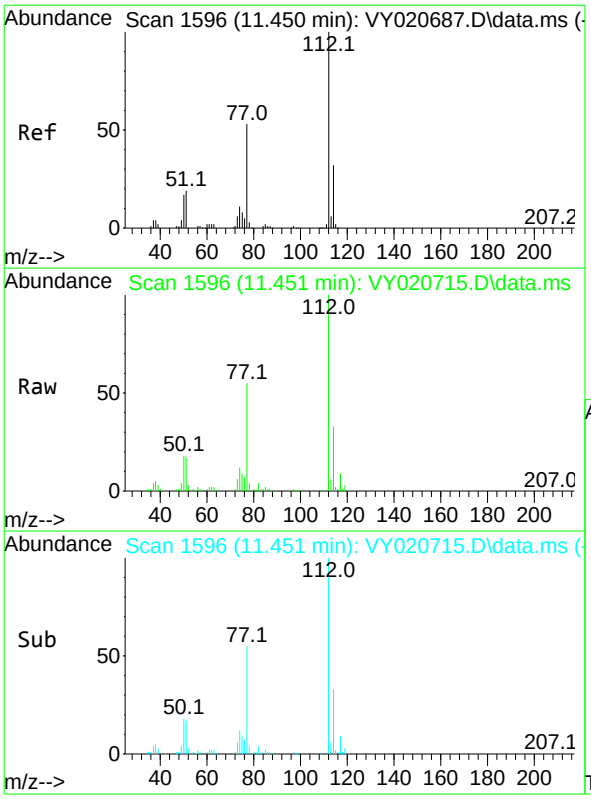


#64
Tetrachloroethene
Concen: 20.877 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:164 Resp: 19878

Ion	Ratio	Lower	Upper
164	100		
166	122.7	99.6	149.4
129	89.6	73.0	109.4
131	84.8	72.3	108.5

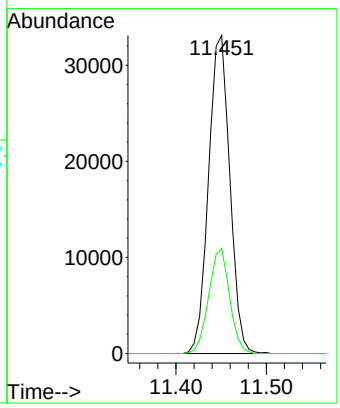




#65
Chlorobenzene
Concen: 19.832 ug/l
RT: 11.451 min Scan# 15
Delta R.T. 0.001 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:112 Resp: 54119

Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.4	38.0



Instrument :
MSVOA_Y
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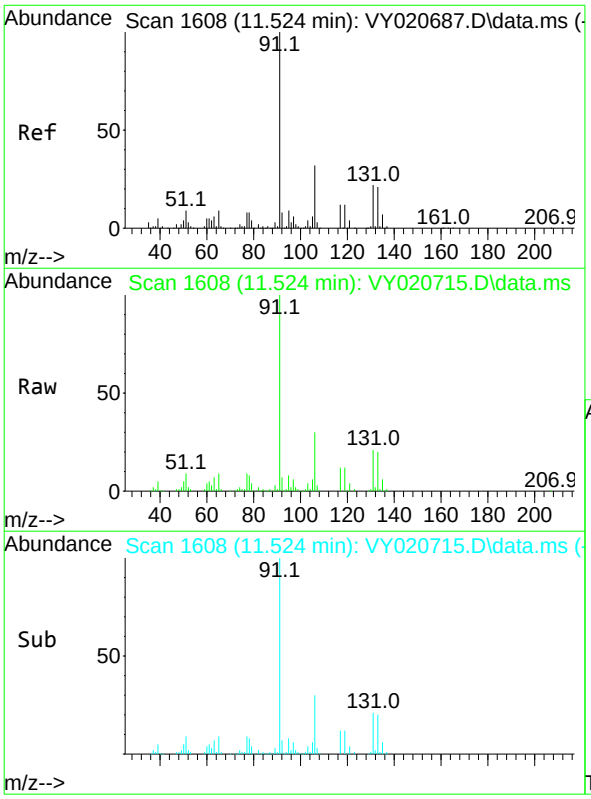
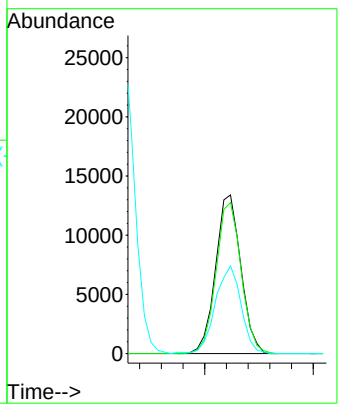
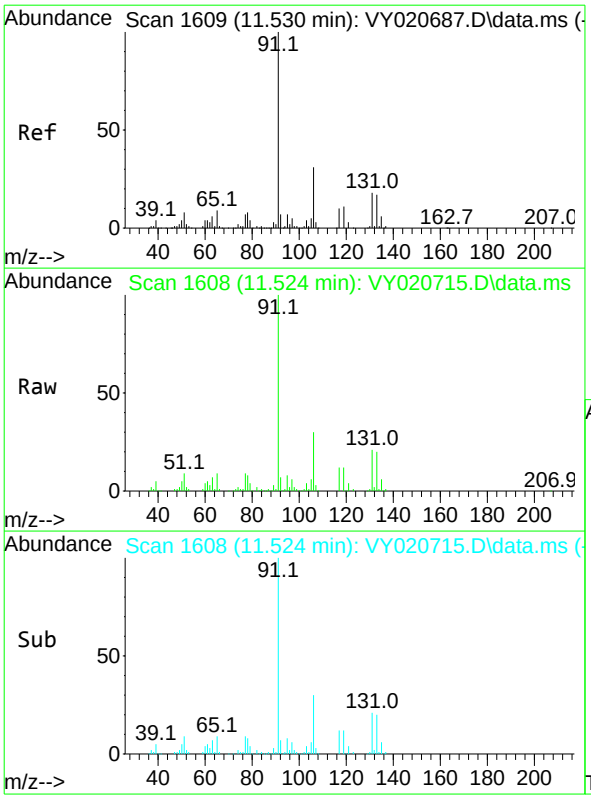


#66
1,1,1,2-Tetrachloroethane
Concen: 20.493 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:131 Resp: 21666

Ion	Ratio	Lower	Upper
131	100		
133	94.5	48.6	145.9
119	56.2	28.4	85.3

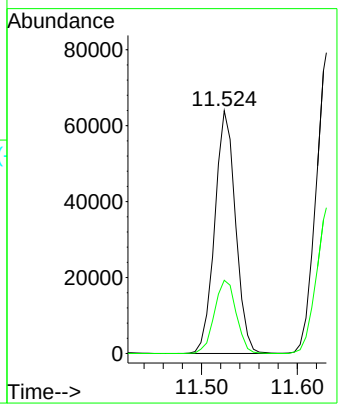




#67
Ethyl Benzene
Concen: 20.244 ug/l
RT: 11.524 min Scan# 16
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 91 Resp: 96550

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.5	36.7



Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

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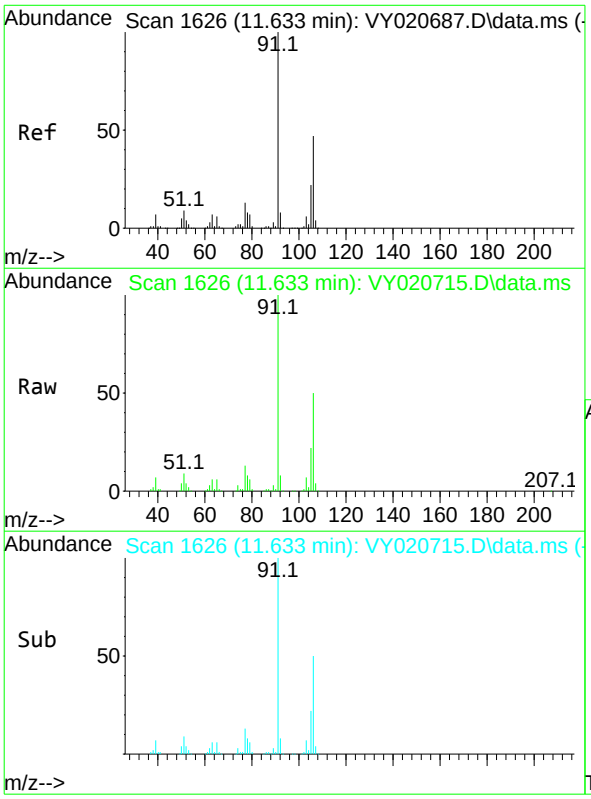
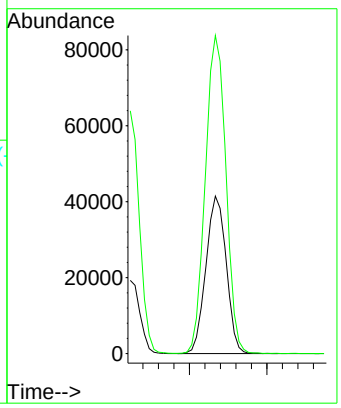
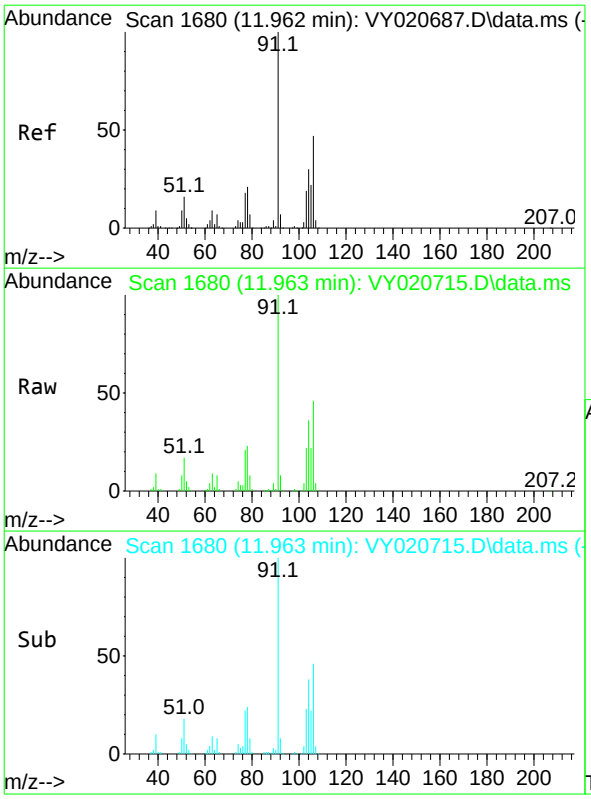


#68
m/p-Xylenes
Concen: 41.573 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:106 Resp: 75635

Ion	Ratio	Lower	Upper
106	100		
91	204.2	166.6	250.0

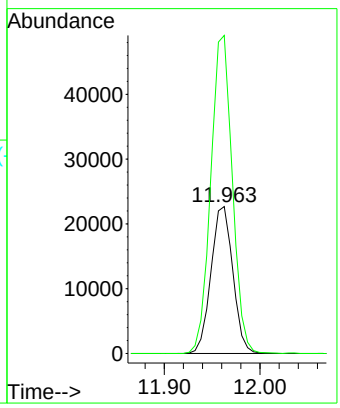




#69
o-Xylene
Concen: 20.693 ug/l
RT: 11.963 min Scan# 16
Delta R.T. 0.001 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:106 Resp: 35970

Ion	Ratio	Lower	Upper
106	100		
91	213.9	108.6	325.8



Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

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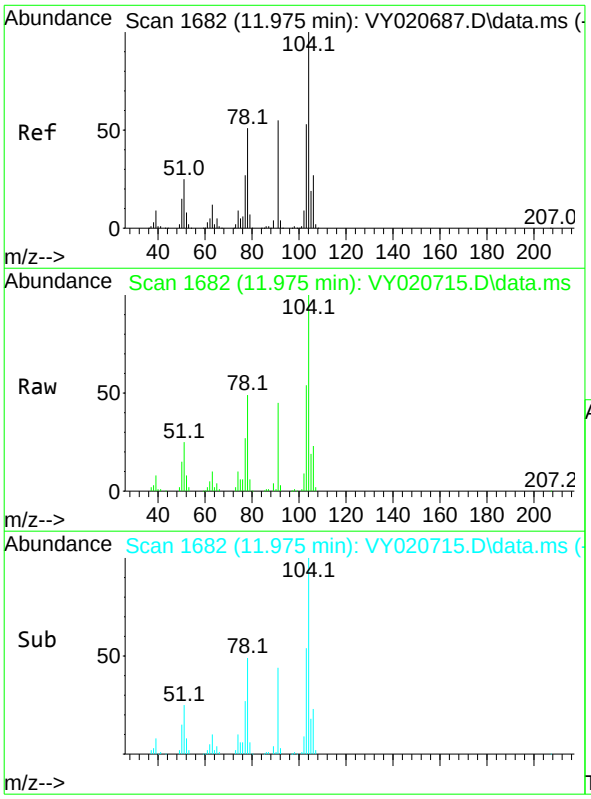
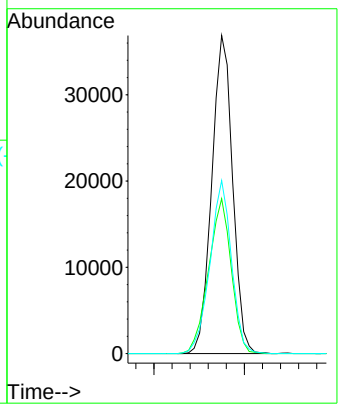
Supervised By :Semsettin Yesilyurt 12/27/2024

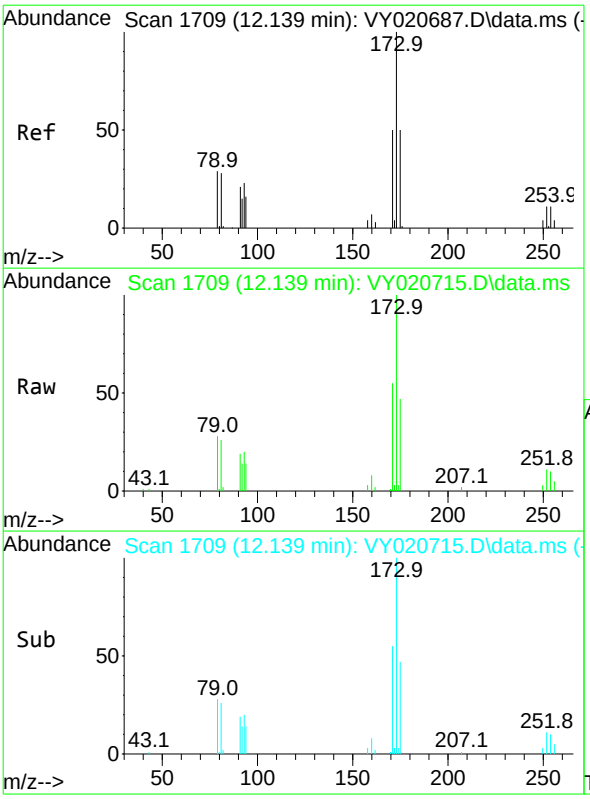


#70
Styrene
Concen: 20.228 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:104 Resp: 59026

Ion	Ratio	Lower	Upper
104	100		
78	53.0	43.0	64.4
103	56.3	44.4	66.6

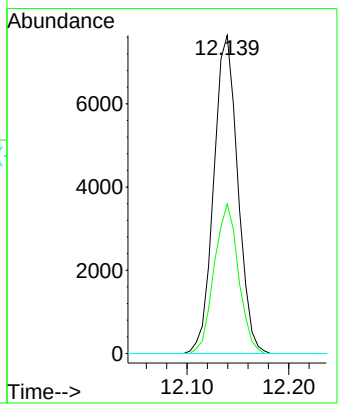




#71
Bromoform
Concen: 20.623 ug/l
RT: 12.139 min Scan# 17
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:173 Resp: 12535

Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.2	72.6
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
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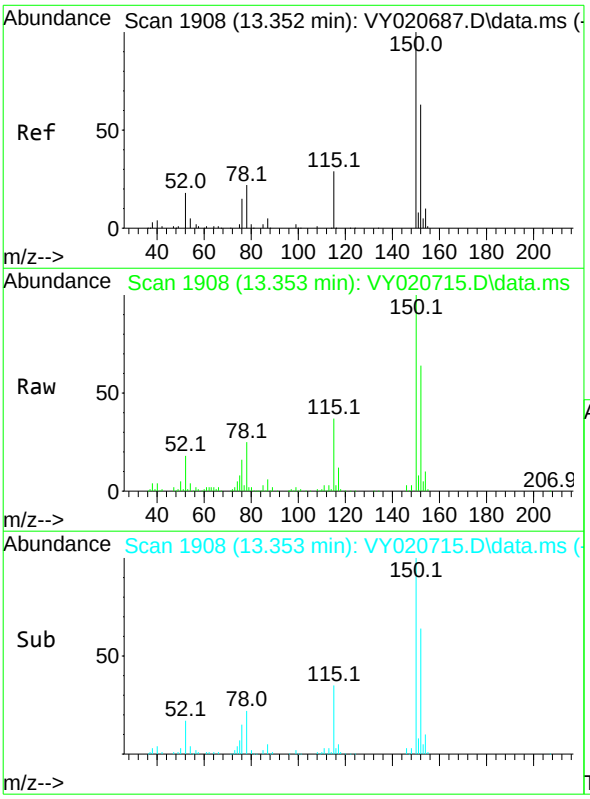
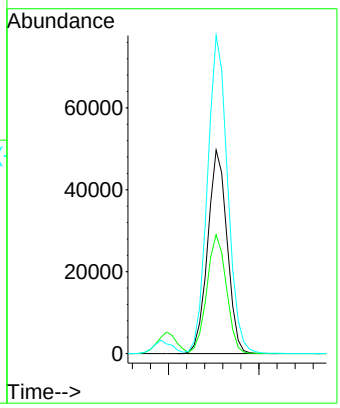
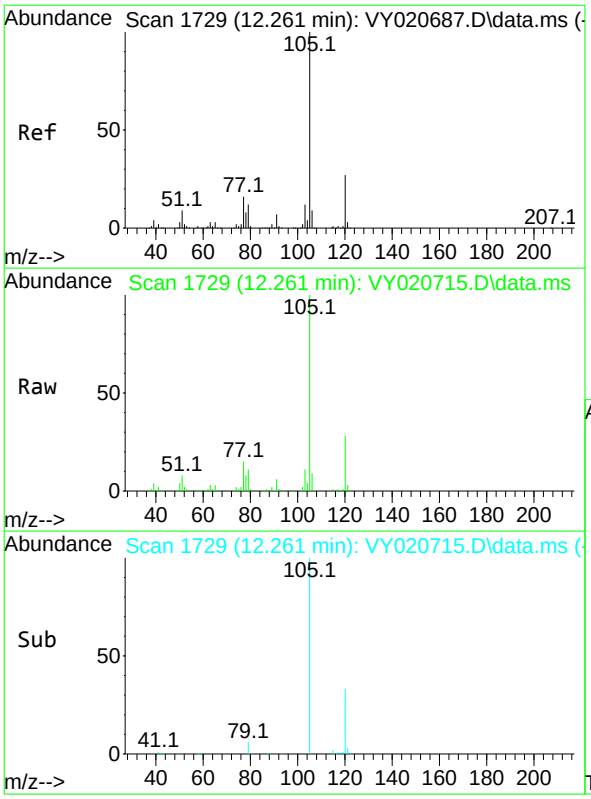


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.001 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:152 Resp: 74040

Ion	Ratio	Lower	Upper
152	100		
115	58.7	30.3	90.9
150	162.5	0.0	349.0





#73
Isopropylbenzene
Concen: 19.780 ug/l
RT: 12.261 min Scan# 17
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tgt Ion:105 Resp: 101462

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.3	39.9

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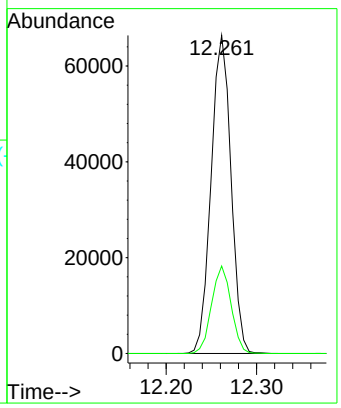
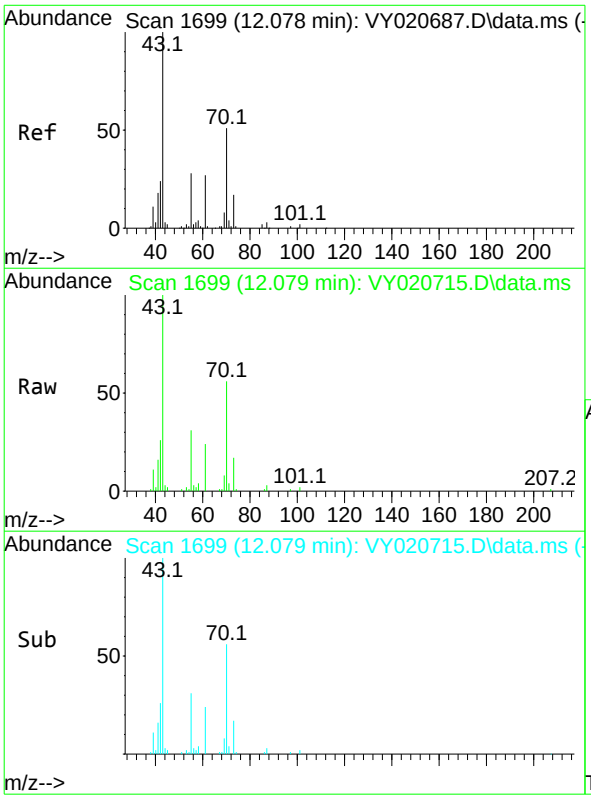
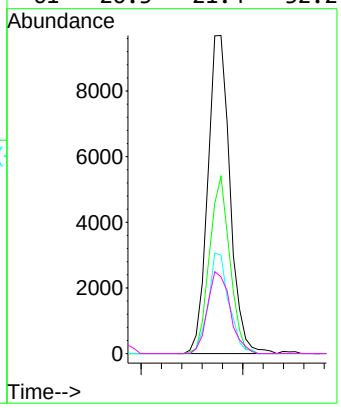


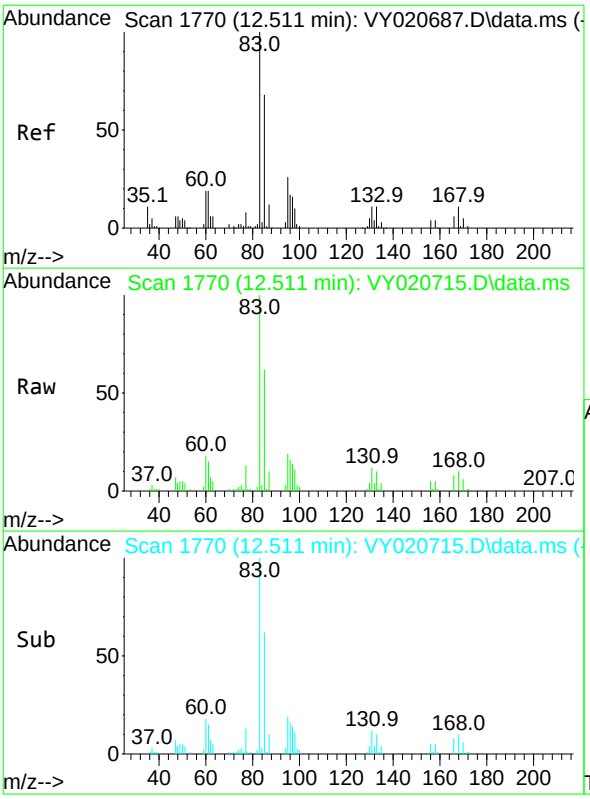


#74
N-amyl acetate
Concen: 20.191 ug/l
RT: 12.079 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 43 Resp: 14718

Ion	Ratio	Lower	Upper
43	100		
70	50.8	39.7	59.5
55	29.3	21.5	32.3
61	26.3	21.4	32.2

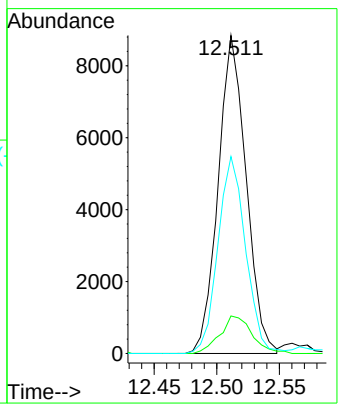




#75
1,1,2,2-Tetrachloroethane
Concen: 20.903 ug/l
RT: 12.511 min Scan# 17
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 83 Resp: 13746

Ion	Ratio	Lower	Upper
83	100		
131	13.5	6.9	20.7
85	61.3	32.5	97.4



Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

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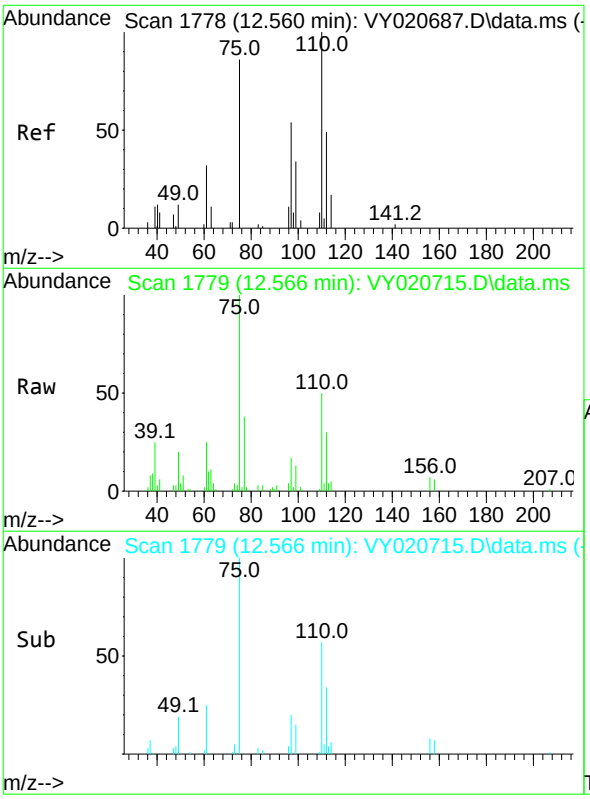
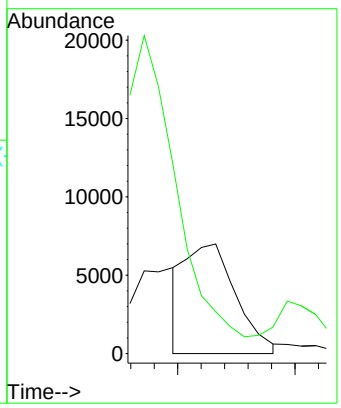
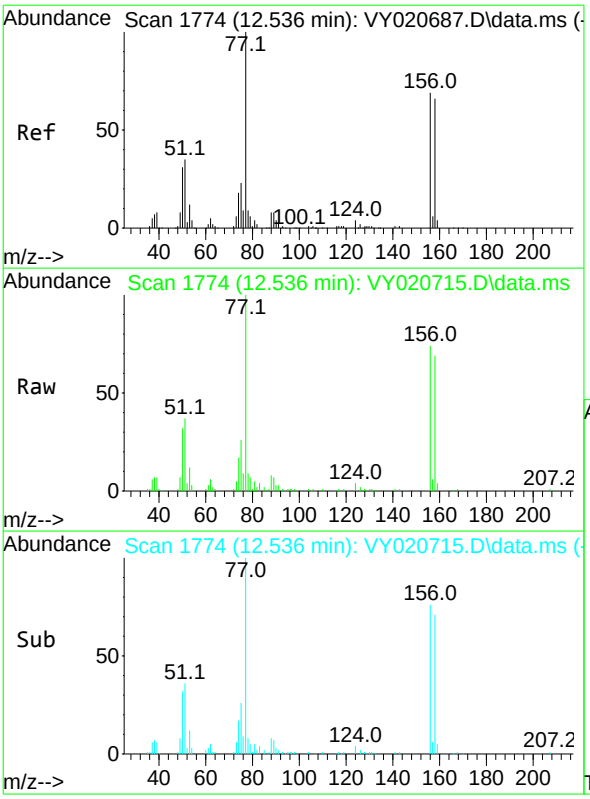


#76
1,2,3-Trichloropropane
Concen: 22.380 ug/l m
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 75 Resp: 10539

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 19.276 ug/l
RT: 12.536 min Scan# 17
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tgt Ion:156 Resp: 22761

Ion	Ratio	Lower	Upper
156	100		
77	154.2	78.3	235.0
158	97.1	48.3	144.9

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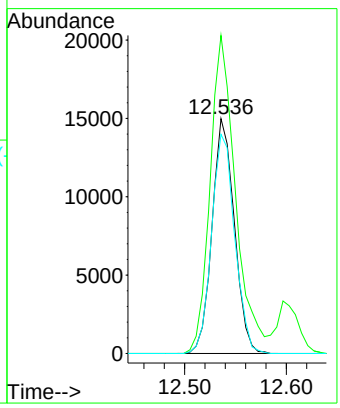
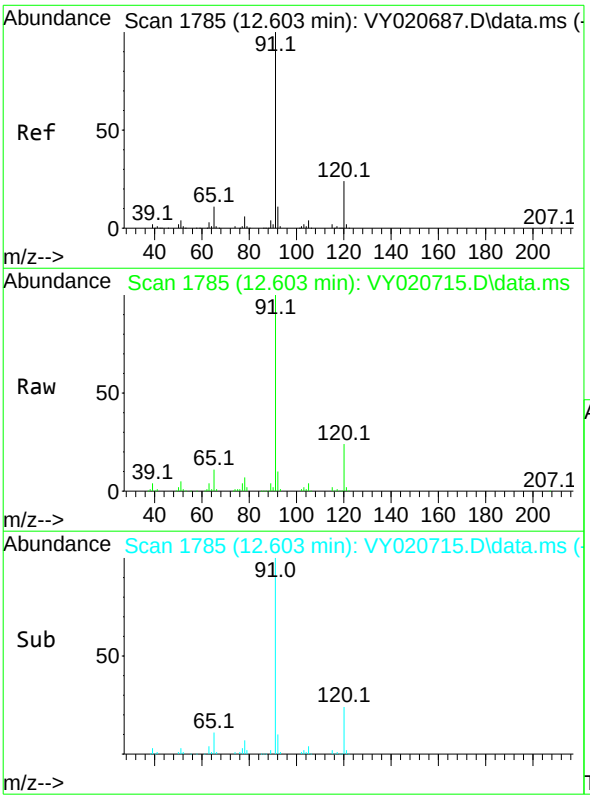
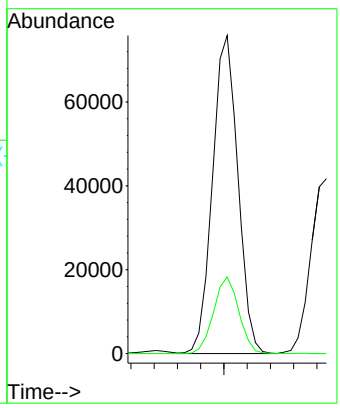


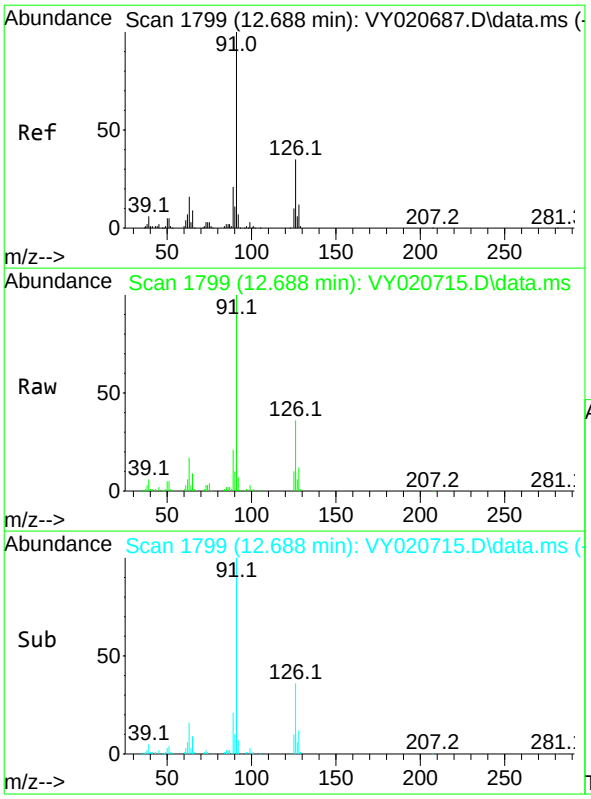


#78
n-propylbenzene
Concen: 19.993 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 91 Resp: 114949

Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.3	36.8

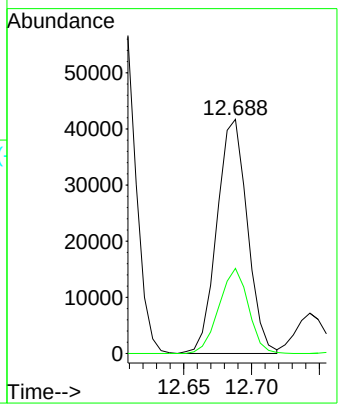




#79
2-Chlorotoluene
Concen: 19.862 ug/l
RT: 12.688 min Scan# 17
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 91 Resp: 65099

Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.8	53.3



Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

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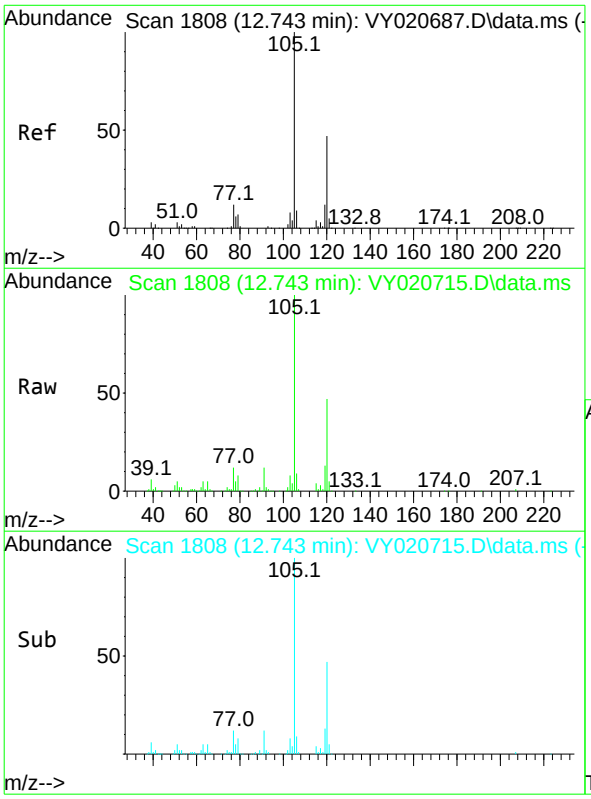
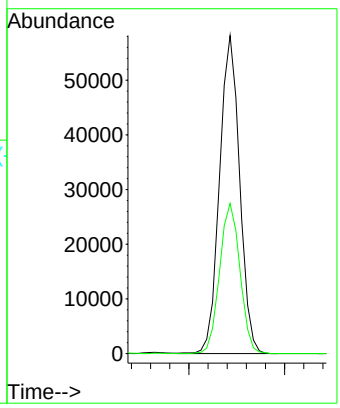
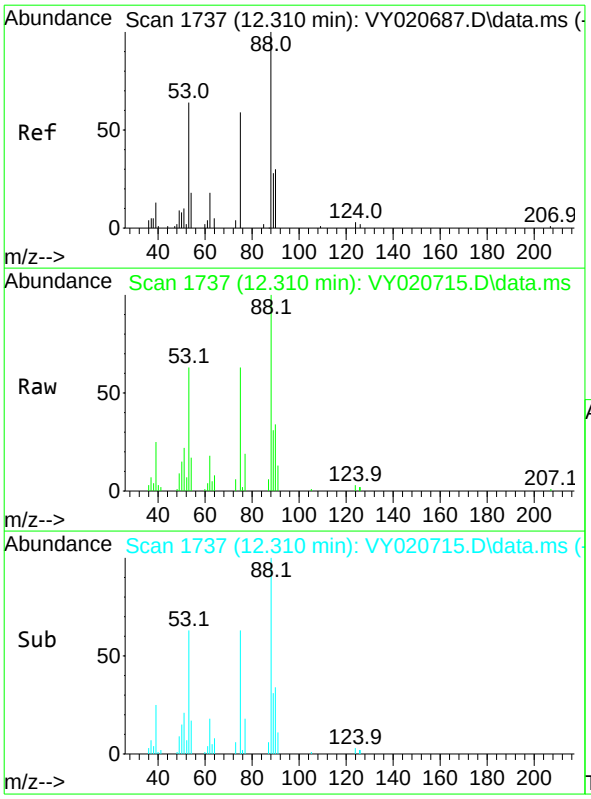


#80
1,3,5-Trimethylbenzene
Concen: 19.855 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:105 Resp: 84854

Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.9	71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.601 ug/l
RT: 12.310 min Scan# 17
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 75 Resp: 4908

Ion	Ratio	Lower	Upper
75	100		
53	100.3	83.1	124.7
89	50.8	40.6	61.0

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

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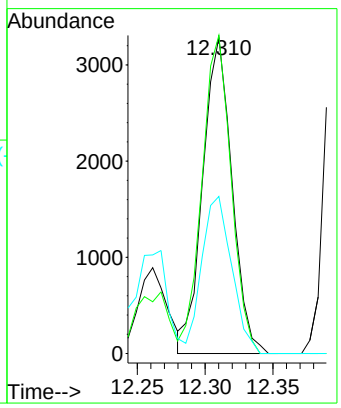
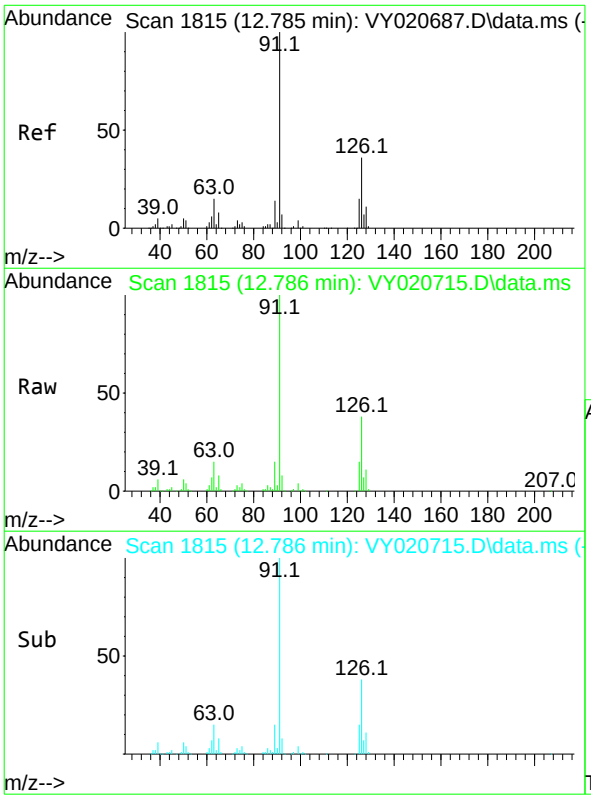
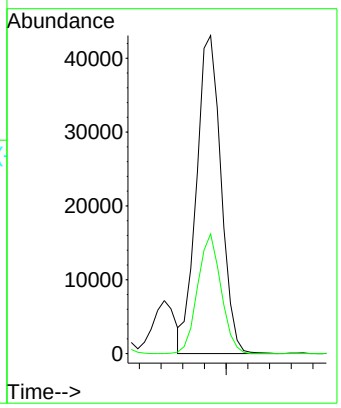


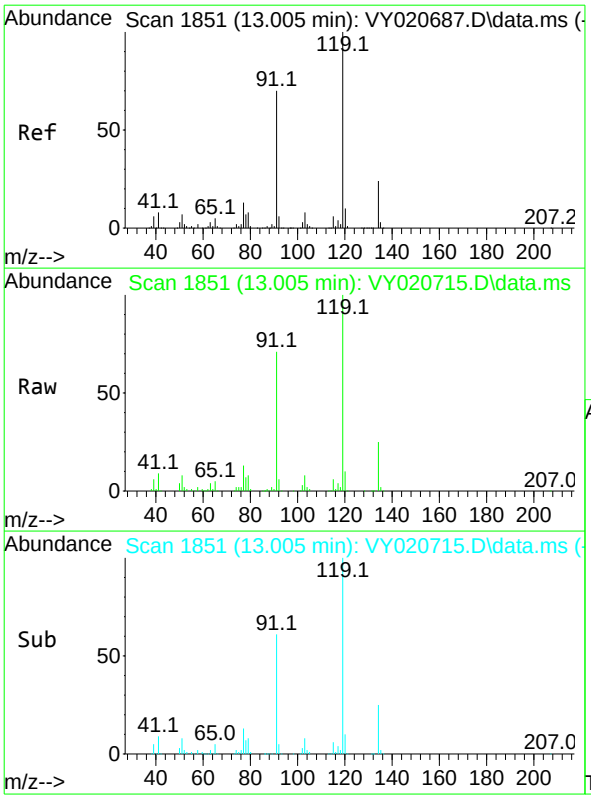


#82
4-Chlorotoluene
Concen: 19.951 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.001 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 91 Resp: 67579

Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.8	53.5





#83
tert-Butylbenzene
Concen: 19.784 ug/l
RT: 13.005 min Scan# 18
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Tgt Ion:119 Resp: 78963

Ion	Ratio	Lower	Upper
119	100		
91	67.1	33.6	100.8
134	26.7	13.4	40.2

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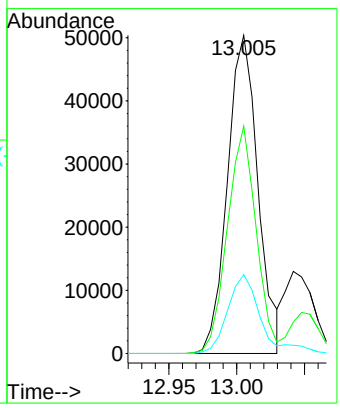
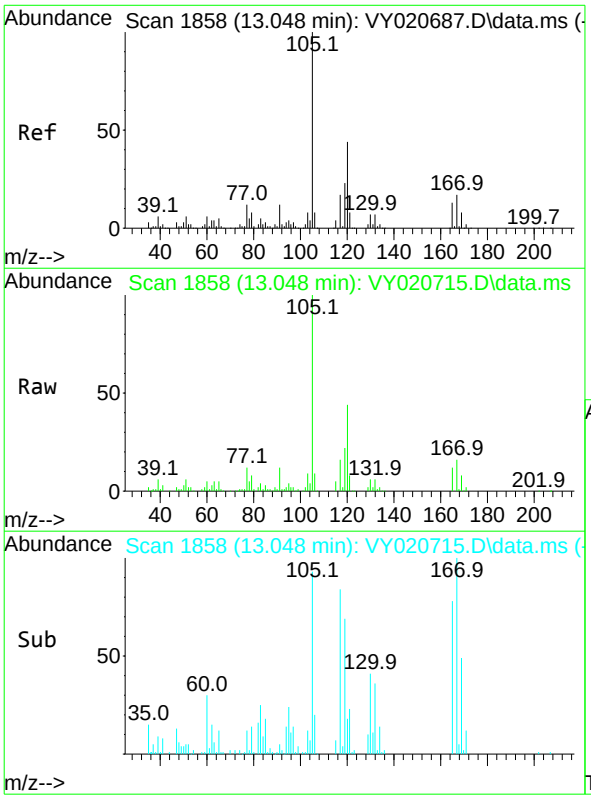
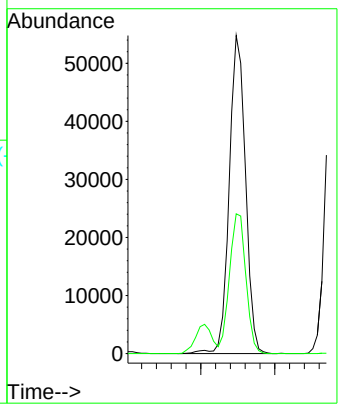


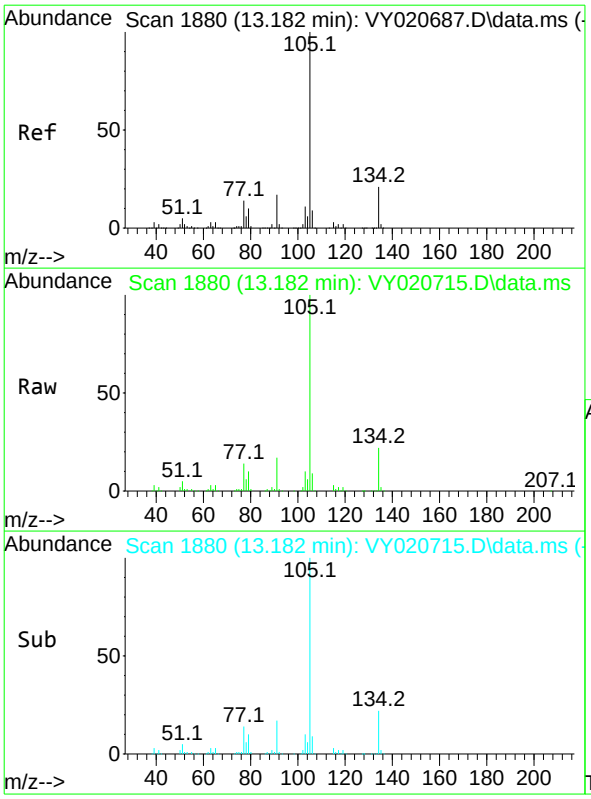


#84
1,2,4-Trimethylbenzene
Concen: 20.030 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:105 Resp: 83301

Ion	Ratio	Lower	Upper
105	100		
120	44.5	21.8	65.3

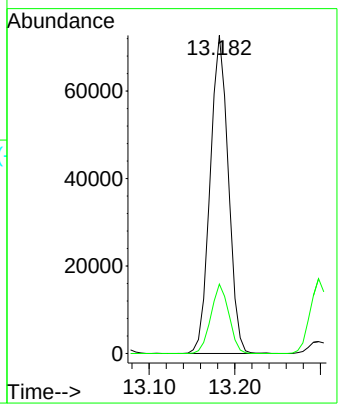




#85
sec-Butylbenzene
Concen: 19.960 ug/l
RT: 13.182 min Scan# 18
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:105 Resp: 107364

Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.7	32.1



Instrument :
MSVOA_Y
ClientSampleId :
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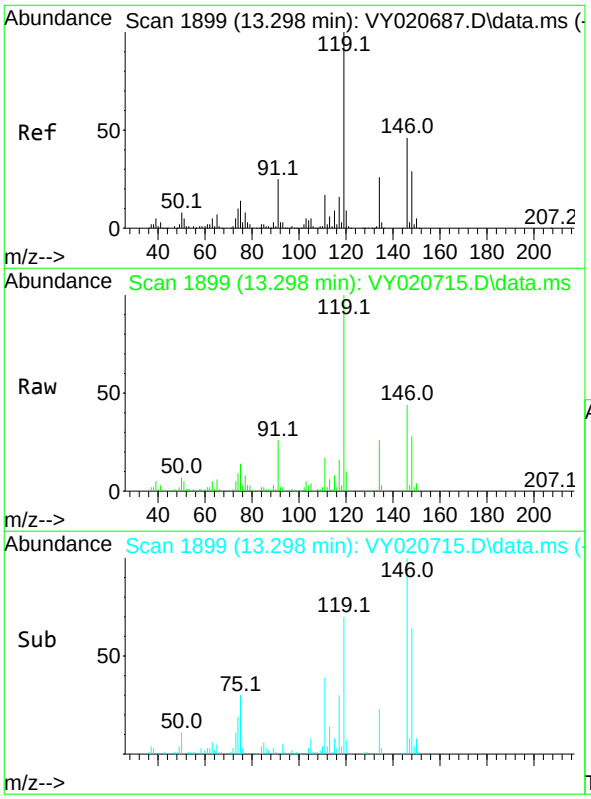
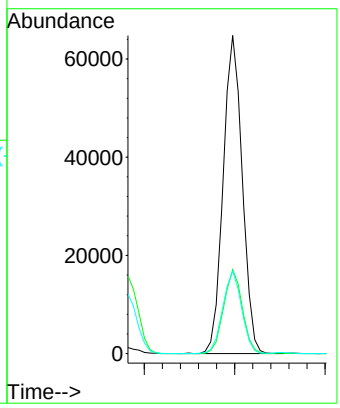
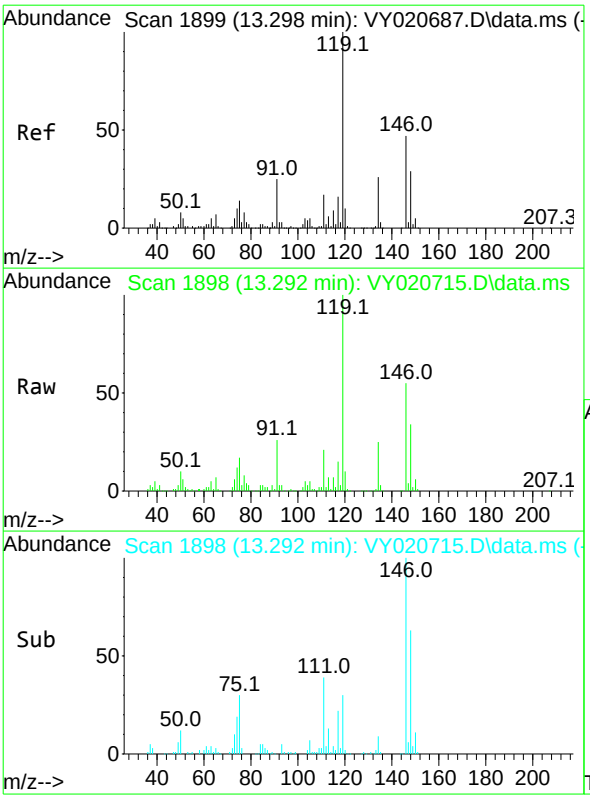


#86
p-Isopropyltoluene
Concen: 19.792 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:119 Resp: 94876

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.4	40.2
91	25.7	12.9	38.6

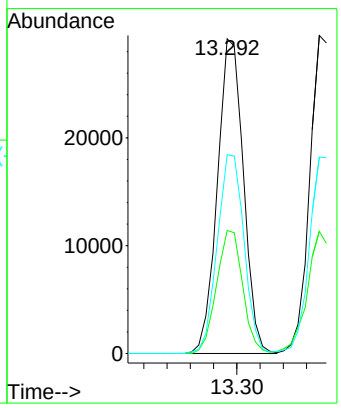




#87
1,3-Dichlorobenzene
Concen: 19.696 ug/l
RT: 13.292 min Scan# 18
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:146 Resp: 45455

Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.3	57.8
148	64.9	31.1	93.5



Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

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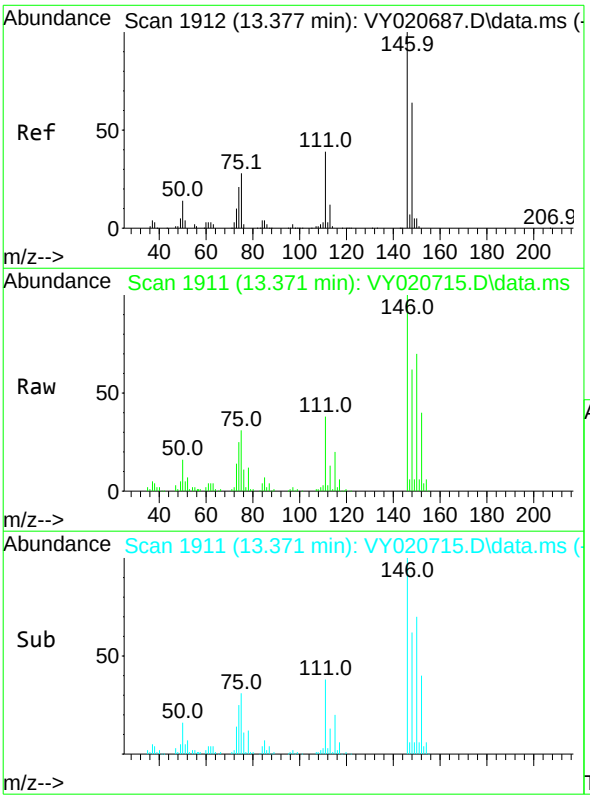
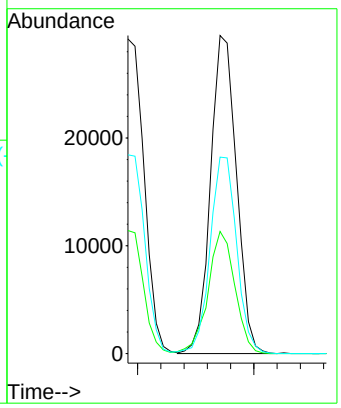
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

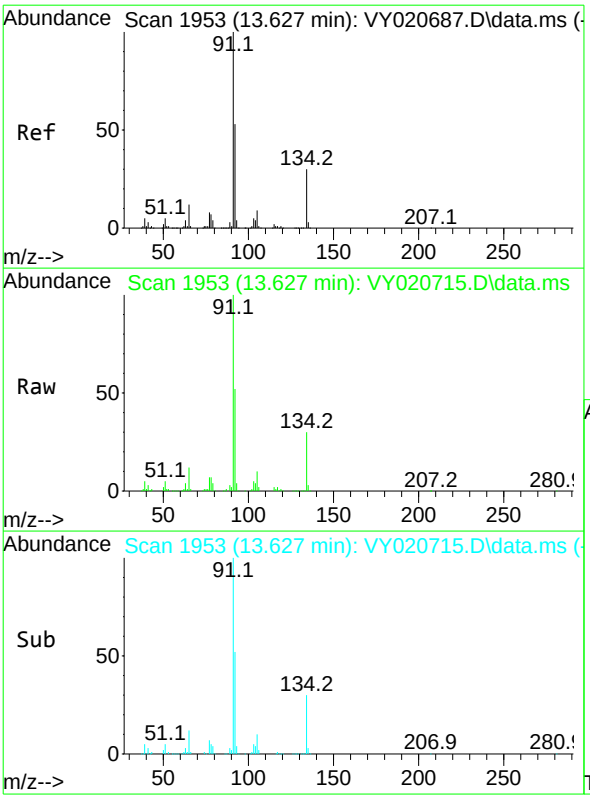


#88
1,4-Dichlorobenzene
Concen: 19.948 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:146 Resp: 45797

Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.7	59.0
148	63.3	32.8	98.3





#89
n-Butylbenzene
Concen: 19.949 ug/l
RT: 13.627 min Scan# 19
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

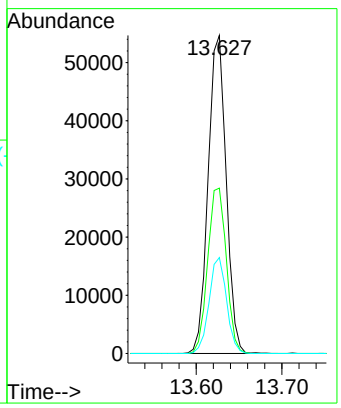
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

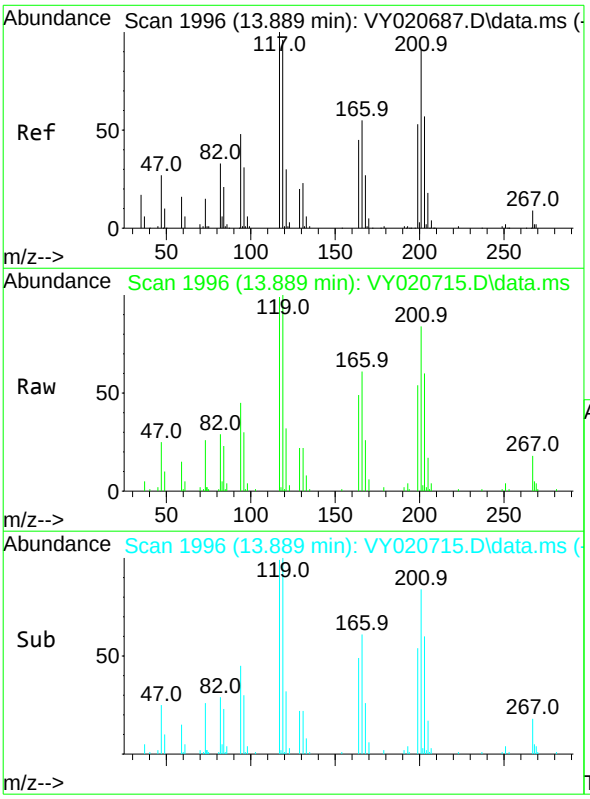
Tgt Ion: 91 Resp: 79827

Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.1	78.2
134	29.3	14.8	44.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

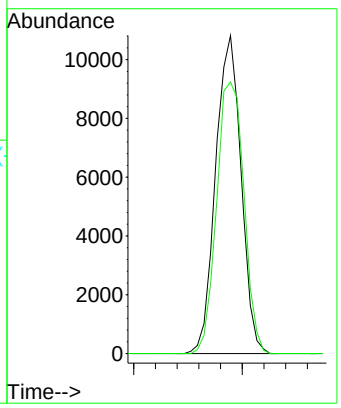


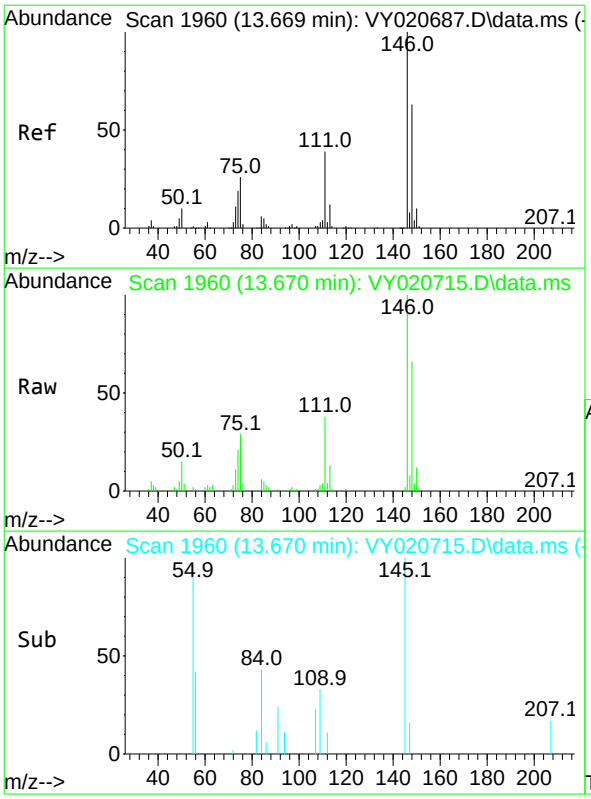


#90
Hexachloroethane
Concen: 19.307 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:117 Resp: 17599

Ion	Ratio	Lower	Upper
117	100		
201	91.6	44.9	134.7

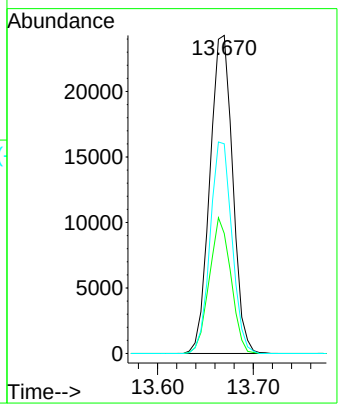




#91
1,2-Dichlorobenzene
Concen: 20.294 ug/l
RT: 13.670 min Scan# 19
Delta R.T. 0.001 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:146 Resp: 40158

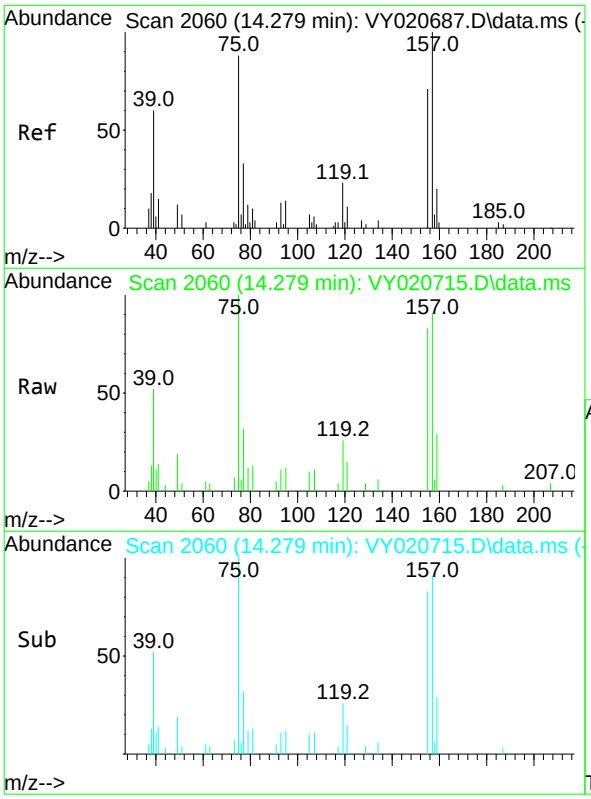
Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.8
148	63.7	31.9	95.5



Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

Manual Integrations
APPROVED

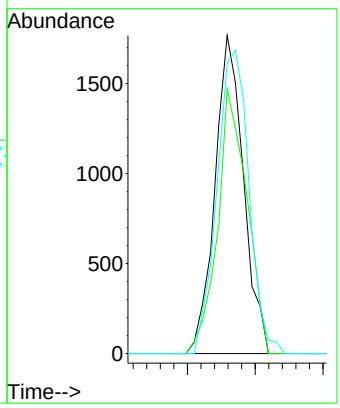
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

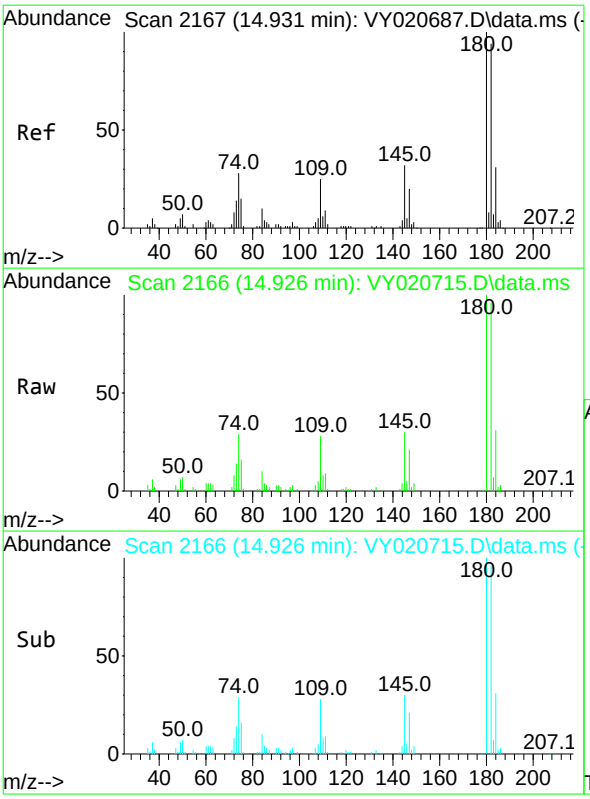


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.237 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion: 75 Resp: 2581

Ion	Ratio	Lower	Upper
75	100		
155	85.5	43.4	130.2
157	107.0	58.6	175.7





#93
1,2,4-Trichlorobenzene
Concen: 19.039 ug/l
RT: 14.926 min Scan# 21
Delta R.T. -0.005 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

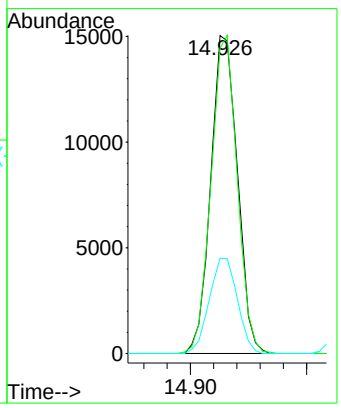
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

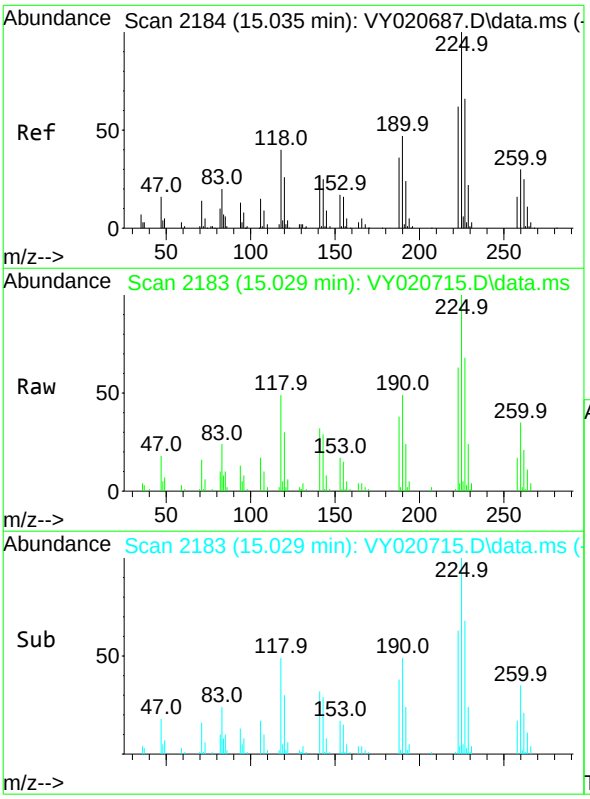
Tgt Ion:180 Resp: 23946

Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.9	143.7
145	31.6	15.6	46.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

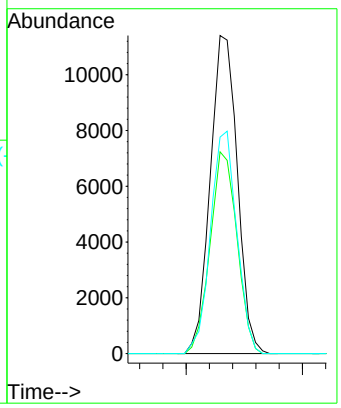


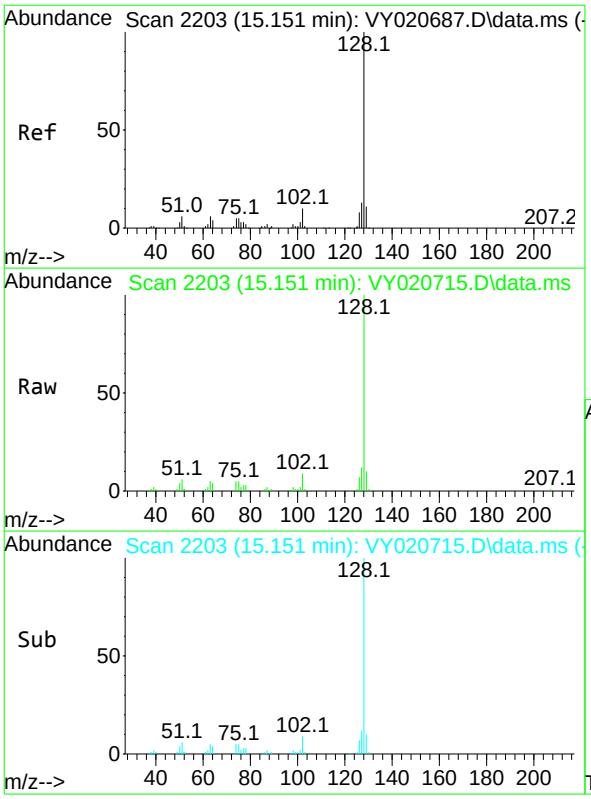


#94
Hexachlorobutadiene
Concen: 20.177 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. -0.006 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:225 Resp: 18496

Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.3	93.8
227	67.7	32.1	96.5





#95
Naphthalene
Concen: 20.005 ug/l
RT: 15.151 min Scan# 22
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

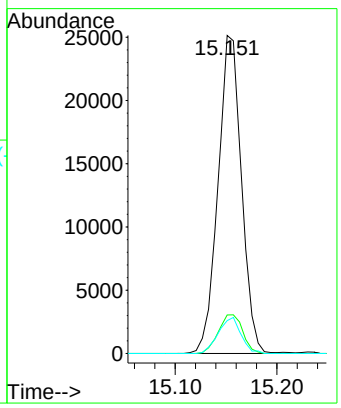
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBS01

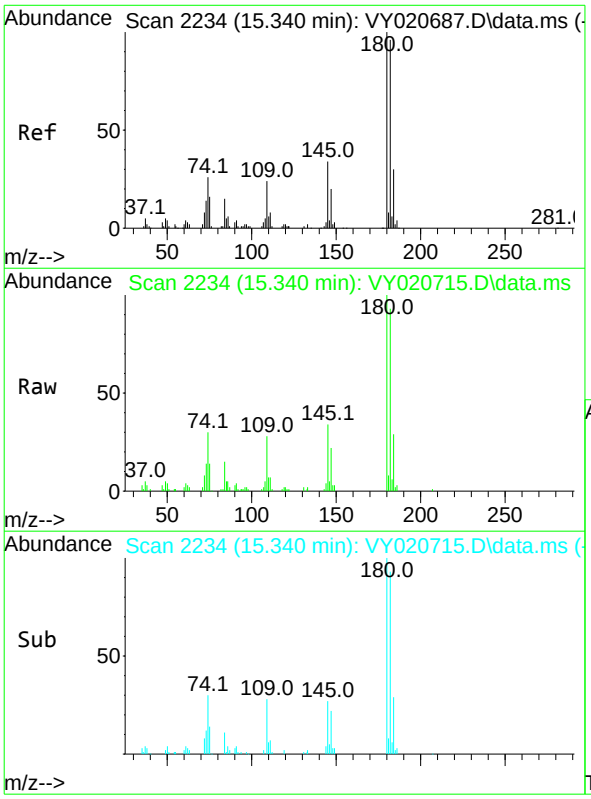
Tgt Ion:128 Resp: 40300

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.7	16.1
129	11.0	8.6	12.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

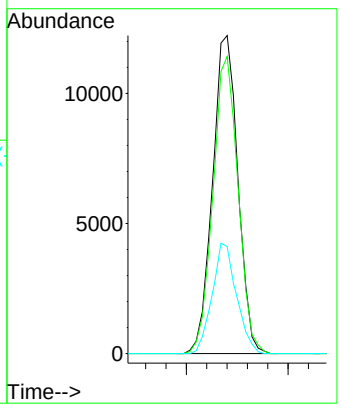




#96
1,2,3-Trichlorobenzene
Concen: 20.151 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.000 min
Lab File: VY020715.D
Acq: 26 Dec 2024 14:32

Tgt Ion:180 Resp: 21103

Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.4	142.2
145	33.4	16.7	50.1



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/19/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:35
In Date: 12/18/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 12/19/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133993

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P5316-01	TT-304-IDWSO-20241217-1	1	1.15	8.64	9.79	7.08	68.6	
P5316-02	TT-304-IDWSO-20241217-2	2	1.19	8.62	9.81	7.6	74.4	
P5316-03	TT-304-IDWSO-20241217-3	3	1.16	8.82	9.98	8.11	78.8	
P5316-04	TT-304-IDWSO-20241217-4	4	1.16	8.58	9.74	7.36	72.3	
P5321-01	SS055P-SD06-121324-00	5	1.16	8.61	9.77	7.14	69.5	
P5321-02	SS050P-SD21-121324-00	6	1.13	8.85	9.98	8.23	80.2	
P5321-03	SS050P-SD22-121724-00	7	1.18	8.77	9.95	8.25	80.6	
P5321-04	SS050P-SD20-121724-00	8	1.14	8.82	9.96	6.56	61.5	
P5330-01	TP-5	9	1.17	8.54	9.71	9.33	95.6	
P5330-02	TP-5-EPH	10	1.11	8.78	9.89	9.5	95.6	
P5330-03	TP-5-VOC	11	1.19	8.61	9.8	9.44	95.8	
P5337-01	ETGI-357	24	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P5338-01	USED-OIL-DEBRIS	25	1.00	1.00	2.00	2.00	100.0	oily-debris
P5338-02	USED-MOBILE-TRANSFORMER-OIL	26	1.00	1.00	2.00	2.00	100.0	oil sample
P5339-01	TR-06-12182024	27	1.16	8.77	9.93	8.74	86.4	
P5339-02	TR-06-12182024-E2	28	1.17	8.82	9.99	9.19	90.9	
P5341-02	STORMWATER-SOLID-COMP	12	1.15	8.81	9.96	5.91	54.0	sludge sample
P5342-01	CHRT26634	13	1.14	8.40	9.54	7.05	70.4	
P5342-02	CHRT26634-E2	14	1.16	8.75	9.91	7.00	66.7	
P5342-03	HT2651	15	1.16	8.75	9.91	8.91	88.6	
P5342-04	HT2651-E2	16	1.19	8.50	9.69	8.82	89.8	
P5342-05	RB21198	17	1.17	8.80	9.97	8.09	78.6	
P5342-06	RB21198-E2	18	1.12	8.87	9.99	7.66	73.7	
P5343-01	VNJ210	19	1.14	8.63	9.77	8.08	80.4	
P5343-02	VNJ210-E2	20	1.15	8.81	9.96	8.9	88.0	
P5343-03	VNJ281	21	1.17	8.53	9.7	8.55	86.5	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/19/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:35
In Date: 12/18/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 12/19/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133993

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P5343-04	VNJ281-E2	22	1.13	8.72	9.85	8.83	88.3	
P5343-05	OILY-RAGS-274	23	1.14	8.58	9.72	9.22	94.2	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB 133993

WorkList Name : %1-121824 **WorkList ID :** 186438 **Department :** Wet-Chemistry **Date :** 12-18-2024 12:12:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5316-01	TT-304-IDWSO-20241217-1	Solid	Percent Solids	Cool 4 deg C	TETR06	L51	12/17/2024	Chemtech -SO
P5316-02	TT-304-IDWSO-20241217-2	Solid	Percent Solids	Cool 4 deg C	TETR06	L51	12/17/2024	Chemtech -SO
P5316-03	TT-304-IDWSO-20241217-3	Solid	Percent Solids	Cool 4 deg C	TETR06	L51	12/17/2024	Chemtech -SO
P5316-04	TT-304-IDWSO-20241217-4	Solid	Percent Solids	Cool 4 deg C	TETR06	L51	12/17/2024	Chemtech -SO
P5321-01	SS055P-SD06-121324-00	Solid	Percent Solids	Cool 4 deg C	TETR06	L51	12/17/2024	Chemtech -SO
P5321-02	SS050P-SD21-121324-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	12/13/2024	Chemtech -SO
P5321-03	SS050P-SD22-121724-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	12/13/2024	Chemtech -SO
P5321-04	SS050P-SD20-121724-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	12/17/2024	Chemtech -SO
P5330-01	TP-5	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	12/17/2024	Chemtech -SO
P5330-02	TP-5-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	12/18/2024	Chemtech -SO
P5330-03	TP-5-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	12/18/2024	Chemtech -SO
P5337-01	ETGI-357	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	12/18/2024	Chemtech -SO
P5338-01	USED-OIL-DEBRIS	Solid	Percent Solids	Cool 4 deg C	PSEG03	N11	12/18/2024	Chemtech -SO
P5338-02	USED-MOBILE-TRANSFORME	Solid	Percent Solids	Cool 4 deg C	PSEG03	N11	12/18/2024	Chemtech -SO
P5339-01	TR-06-12182024	Solid	Percent Solids	Cool 4 deg C	PSEG03	N11	12/18/2024	Chemtech -SO
P5339-02	TR-06-12182024-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	N12	12/18/2024	Chemtech -SO
P5341-02	STORMWATER-SOLID-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG05	N12	12/18/2024	Chemtech -SO
P5342-01	CHRT26634	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	12/18/2024	Chemtech -SO
P5342-02	CHRT26634-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	12/18/2024	Chemtech -SO
P5342-03	HT2651	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	12/18/2024	Chemtech -SO
P5342-04	HT2651-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	12/18/2024	Chemtech -SO

Date/Time 12-18-24 16:30

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

Date/Time 12-18-24 17:40

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

WORKLIST(Hardcopy Internal Chain)

VB 133993

WorkList Name : %1-121824 **WorkList ID :** 186438 **Department :** Wet-Chemistry **Date :** 12-18-2024 12:12:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5342-05	RB21198	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	12/18/2024	Chemtech -SO
P5342-06	RB21198-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	12/18/2024	Chemtech -SO
P5343-01	VNJ210	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	12/18/2024	Chemtech -SO
P5343-02	VNJ210-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	12/18/2024	Chemtech -SO
P5343-03	VNJ281	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	12/18/2024	Chemtech -SO
P5343-04	VNJ281-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	12/18/2024	Chemtech -SO
P5343-05	OILY-RAGS-274	Solid	Percent Solids	Cool 4 deg C	PSEG03	N12	12/18/2024	Chemtech -SO

Date/Time 12-18-24 16:30
Raw Sample Received by: JB WC
Raw Sample Relinquished by: CP SM

Date/Time 12-18-24 17:40
Raw Sample Received by: CP SM
Raw Sample Relinquished by: JB WC

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 78-8922
www.chemtech.net

Chemtech Project Number: P5316

COC Number:

CLIENT INFORMATION

COMPANY: Tetra Tech
ADDRESS: 4433 Corporation Ln, Suite 300
CITY: Virginia Beach STATE: VA ZIP: 23462
ATTENTION: Ernie Wu
PHONE: 757-466-4901 FAX: 757-461-4148

PROJECT INFORMATION

PROJECT NAME: NWIRP Bethpage
PROJECT #: 112G08005-WE13 LOCATION: Soil IDW
PROJECT MANAGER: Ernie Wu
E-MAIL: ernie.wu@tetratech.com
PHONE: 757-466-4901 FAX: 757-461-4148

BILLING INFORMATION

BILL TO: SEE CONTRACT PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: 48hrs DAYS*
HARD COPY: 48hrs DAYS*
EDD 48hrs DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other
- ☐ EDD Format

ANALYSIS

	1	2	3	4	5	6	7	8	9
	NYSDEC 375-6.8(b) VOC	% Solids	NYSDEC 375-6.8(b) Metals	NYSDEC-375-6.8(b) PCB/Pest; NYSDEC 375-6.8(b) SVOCs					

PRESERVATIVES

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	1	2	3	4	5	6	7	8	9
1.	TT-304-IDWSO-20241217-1	SOIL	X		12/17/24	13:00	6	3	1	1	1					
2.	TT-304-IDWSO-20241217-2	SOIL	X		12/17/24	13:05	4	3	1							
3.	TT-304-IDWSO-20241217-3	SOIL	X		12/17/24	13:10	4	3	1							
4.	TT-304-IDWSO-20241217-4	SOIL	X		12/17/24	13:15	4	3	1							
5.	TT-304-IDWSO-20241217-5	SOIL	X		12/17/24	13:20	4	3	1							
6.																
7.																
8.																
9.																
10.																

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	12/17/24 1400	1. 1530 12-17-24
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.	12-17-24 1830	3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 2.9c
MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?:
Comments: 48 hrs TAT - CTO-WE13 Drilling Soil IDW Sampling - NYSDEC 375-6.8(b) VOC

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
CHEMTECH: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPYFOR RETURN TO CLIENT **YELLOW** - CHEMTECH COPY **PINK** - SAMPLER COPY

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P5316 TETR06
Client Name : Tetra Tech NUS, Inc.
Client Contact : Ernie Wu
Invoice Name : Tetra Tech NUS, Inc.
Invoice Contact : Ernie Wu

Order Date : 12/17/2024 3:44:00 PM
Project Name : CTO WE13
Receive DateTime : 12/17/2024 ~~12:00:00~~ 18:30 AM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : ADAPT
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
P5316-01	TT-304-IDWSO-20241217-1	Solid	12/17/2024	13:00						
					VOCMS Group4		8260D	~~10~~ Bus. Days		2 days
P5316-02	TT-304-IDWSO-20241217-2	Solid	12/17/2024	13:05						
					VOCMS Group4		8260D	~~10~~ Bus. Days		
P5316-03	TT-304-IDWSO-20241217-3	Solid	12/17/2024	13:10						
					VOCMS Group4		8260D	~~10~~ Bus. Days		
P5316-04	TT-304-IDWSO-20241217-4	Solid	12/17/2024	13:15						
					VOCMS Group4		8260D	~~10~~ Bus. Days		
~~P5316-05~~	~~TT-304-IDWSO-20241217-5~~	~~Solid~~	~~12/17/2024~~	~~13:20~~						
					~~VOCMS Group4~~		~~8260D~~	~~10 Bus. Days~~		

Relinguished By : cl
Date / Time : 12-18-24 1045

Received By : gl
Date / Time : 12-17-24 10:45

Storage Area : VOA Refridgerator Room