Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
Data File : VY020861.D
Acq On : 17 Jan 2025 17:30
Operator : SY/MD
Sample : Q1132-04
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 17 23:29:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	7719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	11240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	8293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	1371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	3619	55.160	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.320%			
35) Dibromofluoromethane	7.640	113	4099	58.210	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.420%			
50) Toluene-d8	10.109	98	12542	51.092	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.180%			
62) 4-Bromofluorobenzene	12.408	95	2168	23.916	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 47.840%			
Target Compounds						Qvalue
10) Methyl Iodide	4.019	142	281	3.815	ug/l #	43
16) Acetone	3.854	43	49	5.252	ug/l #	41
25) 2-Butanone	6.878	43	43	2.806	ug/l #	45
36) 1,1-Dichloropropene	7.707	75	267	2.973	ug/l #	40
37) Ethyl Acetate	6.878	43	43	1.203	ug/l #	1
38) Carbon Tetrachloride	7.719	117	751	6.007	ug/l #	12
51) 4-Methyl-2-Pentanone	10.006	43	111	3.056	ug/l #	63
76) 1,2,3-Trichloropropane	12.408	75	1135	94.615	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	1135	199.499	ug/l #	14

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

Quantitation Report (Not Reviewed)

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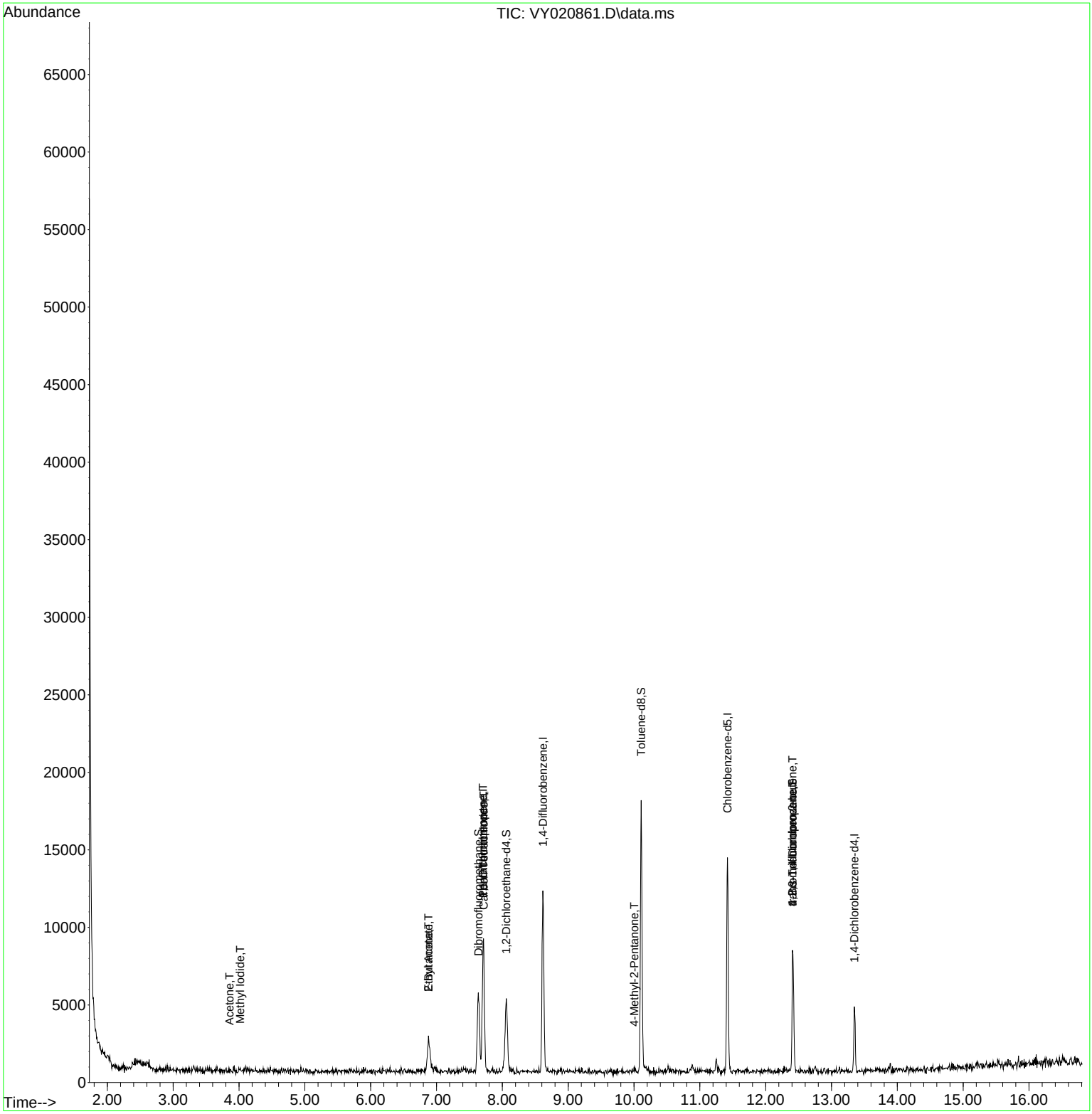
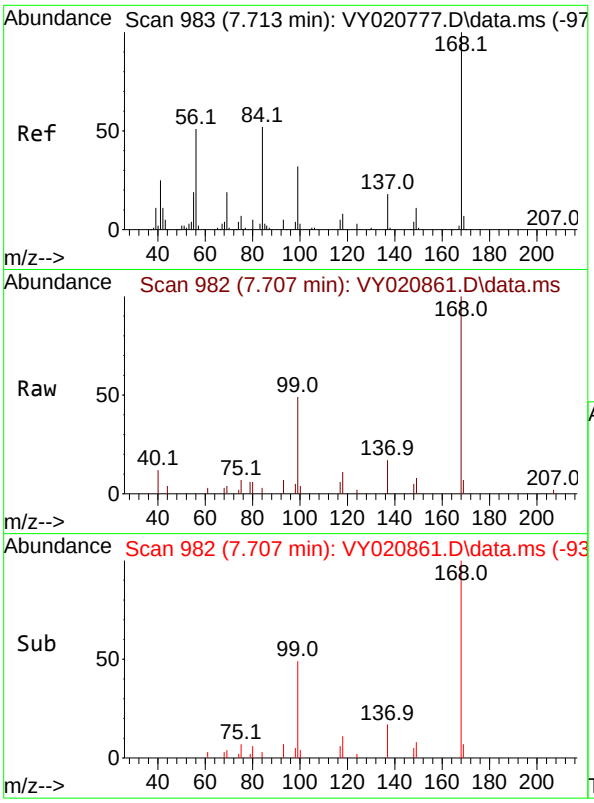


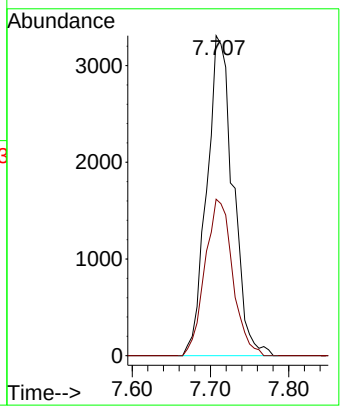


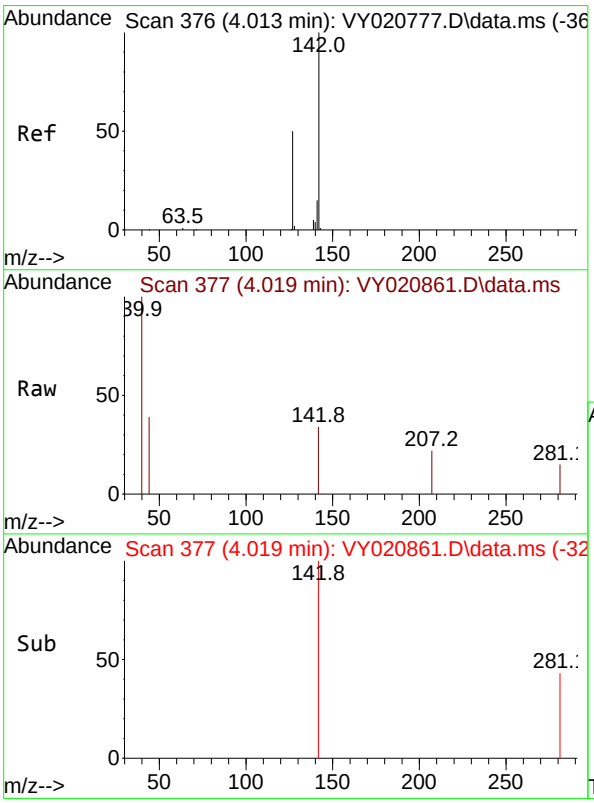
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY020861.D
Acq: 17 Jan 2025 17:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 7719

Ion	Ratio	Lower	Upper
168	100		
99	48.9	44.3	66.5

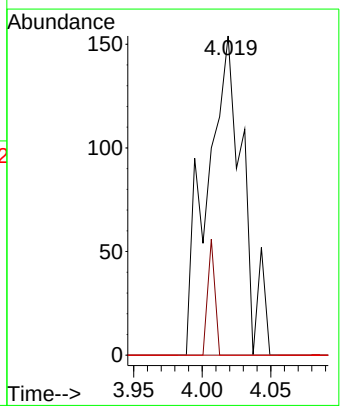


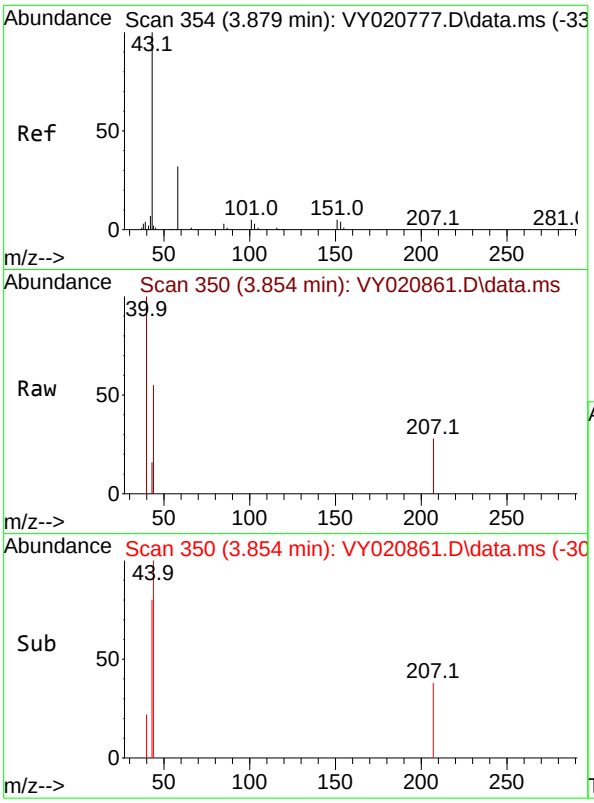


#10
Methyl Iodide
Concen: 3.815 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY020861.D
Acq: 17 Jan 2025 17:30

Tgt Ion:142 Resp: 281

Ion	Ratio	Lower	Upper
142	100		
127	7.1	41.0	61.6#
141	0.0	11.6	17.4#



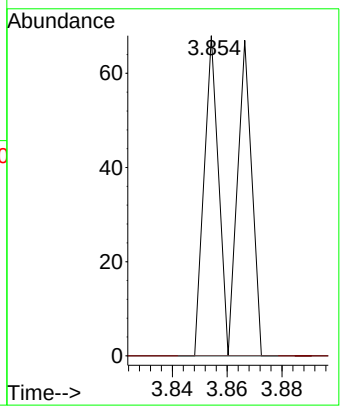


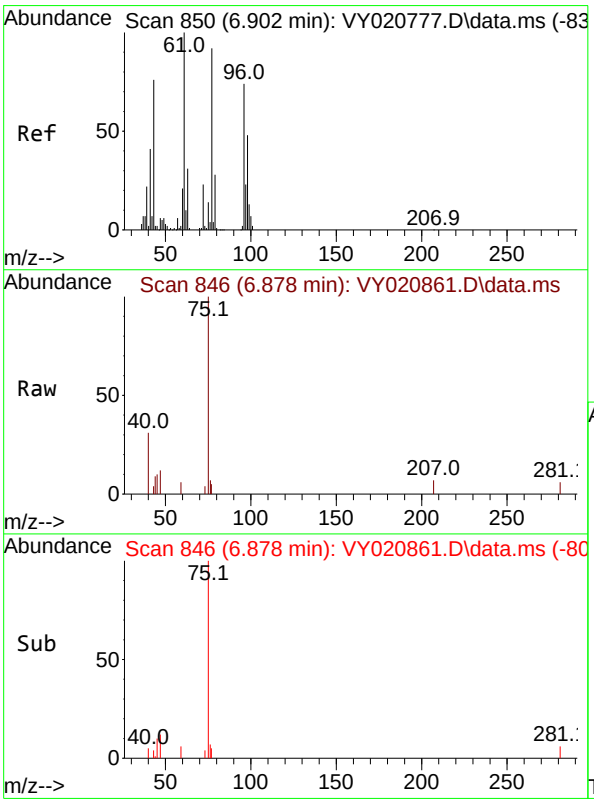
#16
Acetone
Concen: 5.252 ug/l
RT: 3.854 min Scan# 3
Delta R.T. -0.024 min
Lab File: VY020861.D
Acq: 17 Jan 2025 17:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 49

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.7	40.1#

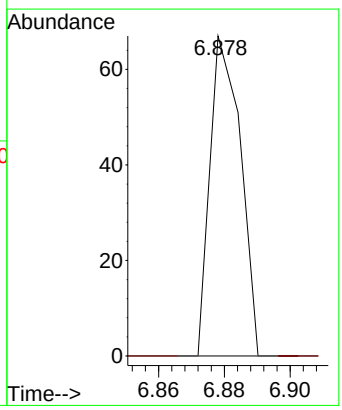


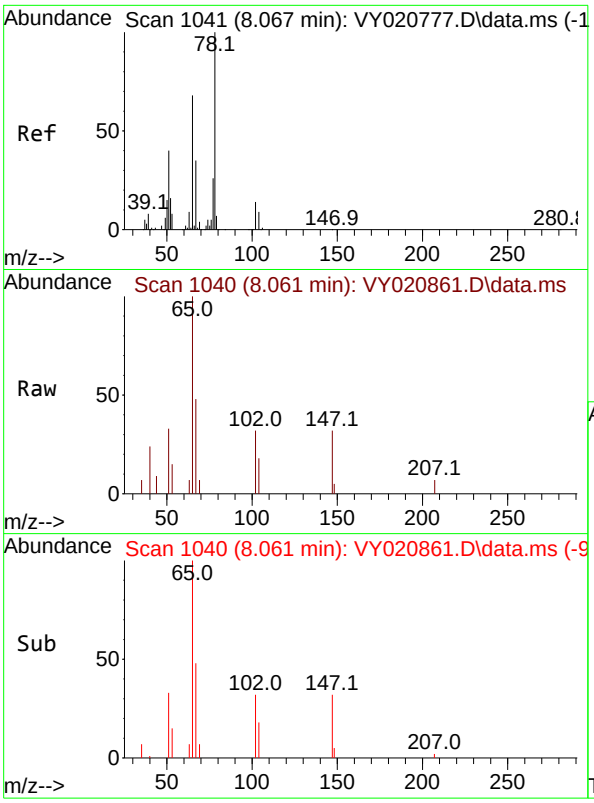


#25
2-Butanone
Concen: 2.806 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.024 min
Lab File: VY020861.D
Acq: 17 Jan 2025 17:30

Tgt Ion: 43 Resp: 43

Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.0	36.0#



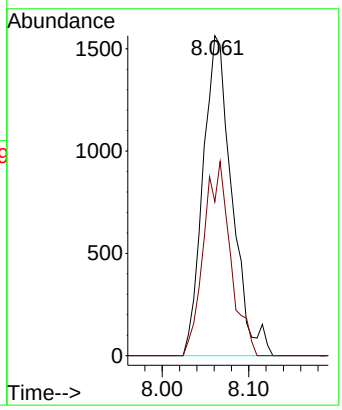


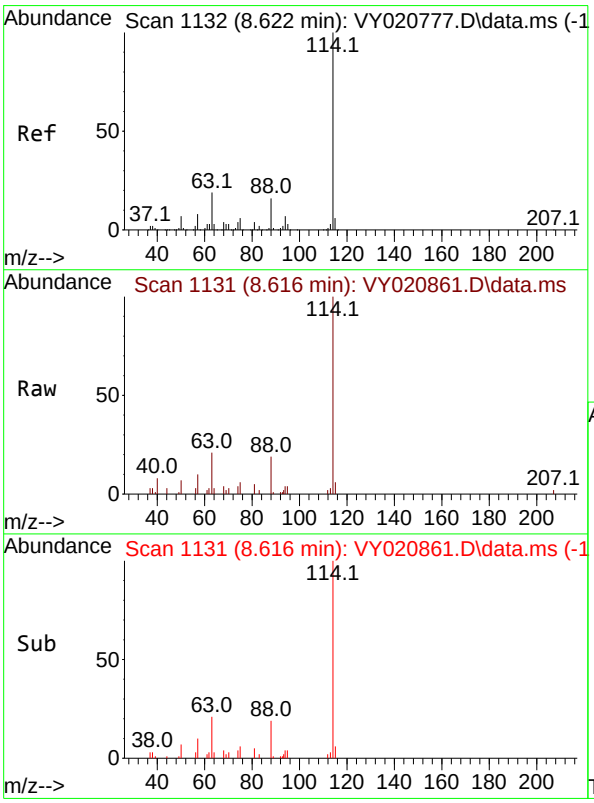
#33
1,2-Dichloroethane-d4
Concen: 55.160 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY020861.D
Acq: 17 Jan 2025 17:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 3619

Ion	Ratio	Lower	Upper
65	100		
67	56.4	0.0	102.8

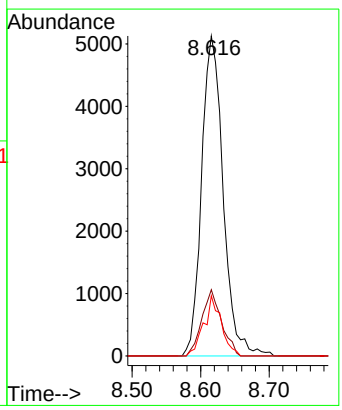


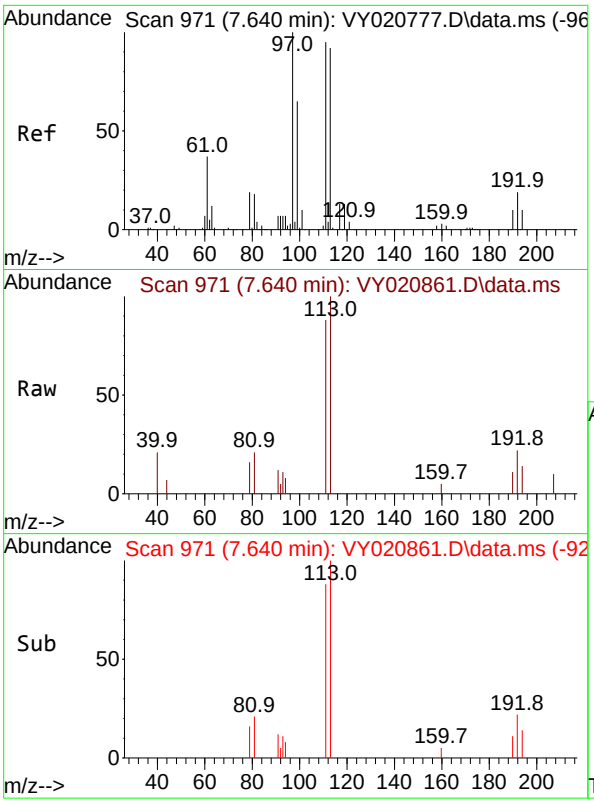


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020861.D
Acq: 17 Jan 2025 17:30

Tgt Ion:114 Resp: 11240

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	38.4
88	18.8	0.0	31.2



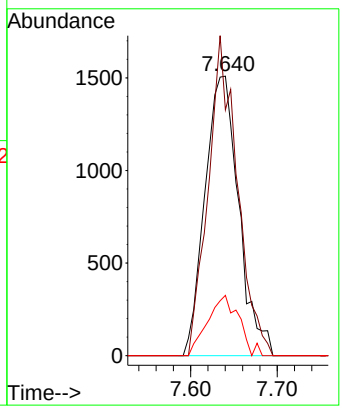


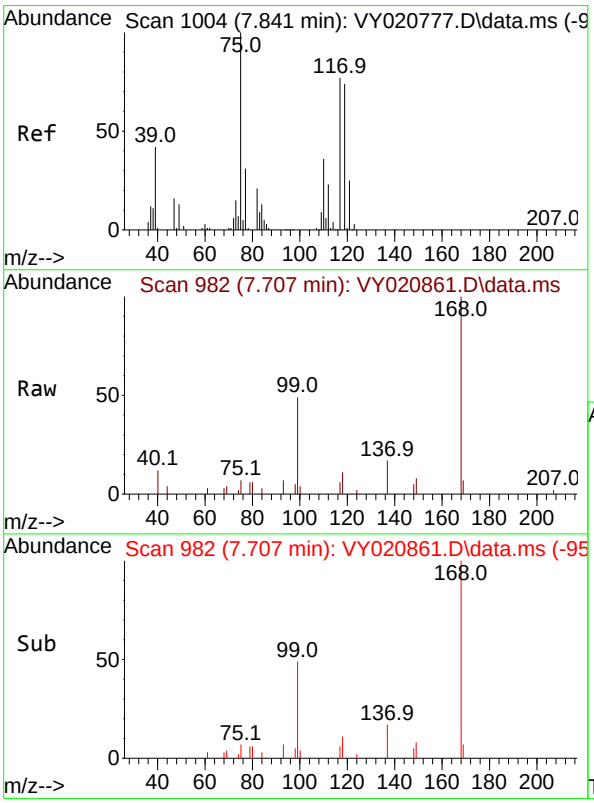
#35
Dibromofluoromethane
Concen: 58.210 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY020861.D
Acq: 17 Jan 2025 17:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 4099

Ion	Ratio	Lower	Upper
113	100		
111	98.4	81.7	122.5
192	19.9	16.7	25.1

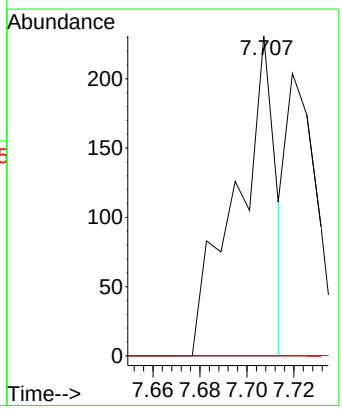


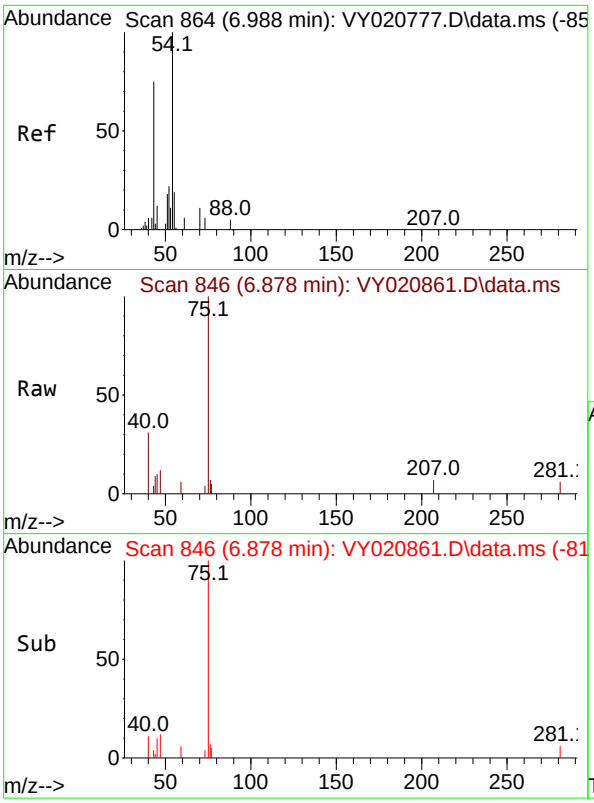


#36
1,1-Dichloropropene
Concen: 2.973 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY020861.D
Acq: 17 Jan 2025 17:30

Tgt Ion: 75 Resp: 267

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.5	55.5#
77	0.0	25.0	37.4#



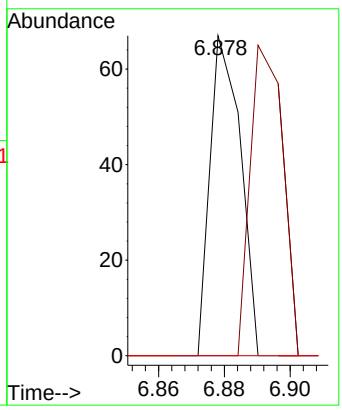


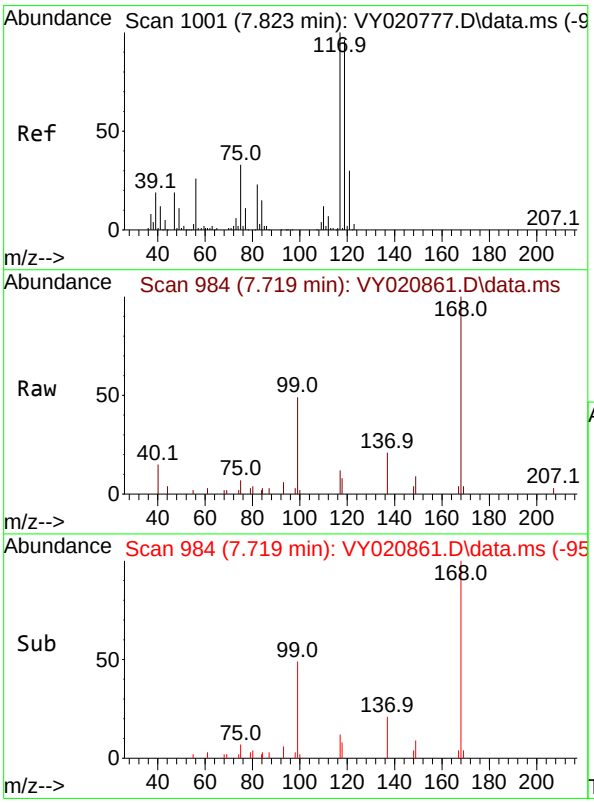
#37
Ethyl Acetate
Concen: 1.203 ug/l
RT: 6.878 min Scan# 84
Delta R.T. -0.110 min
Lab File: VY020861.D
Acq: 17 Jan 2025 17:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 43

Ion	Ratio	Lower	Upper
43	100		
61	104.7	11.8	17.6#
70	0.0	9.8	14.8#

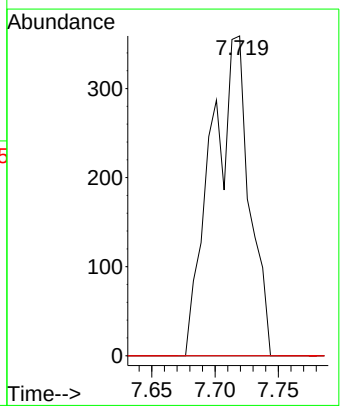


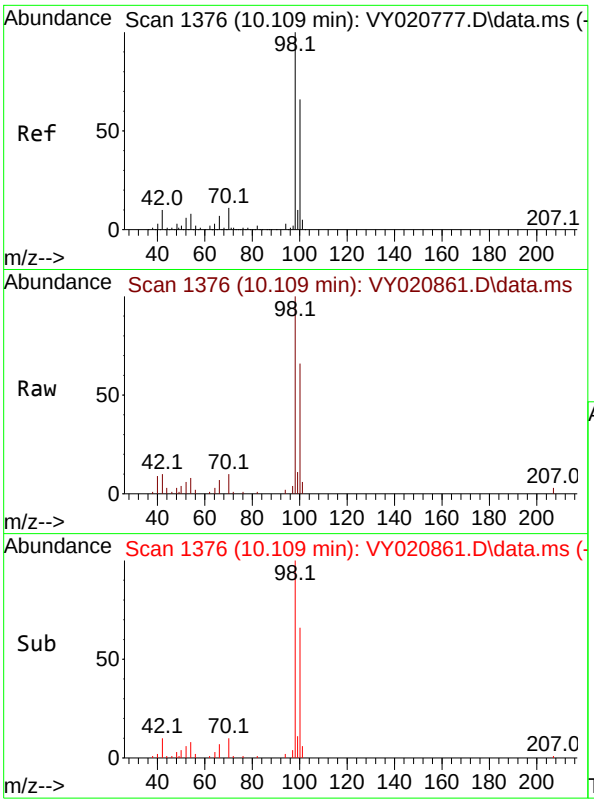


#38
Carbon Tetrachloride
Concen: 6.007 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.104 min
Lab File: VY020861.D
Acq: 17 Jan 2025 17:30

Tgt Ion:117 Resp: 751

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.5	114.7#
121	0.0	24.3	36.5#



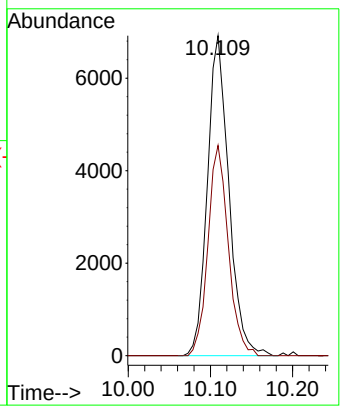


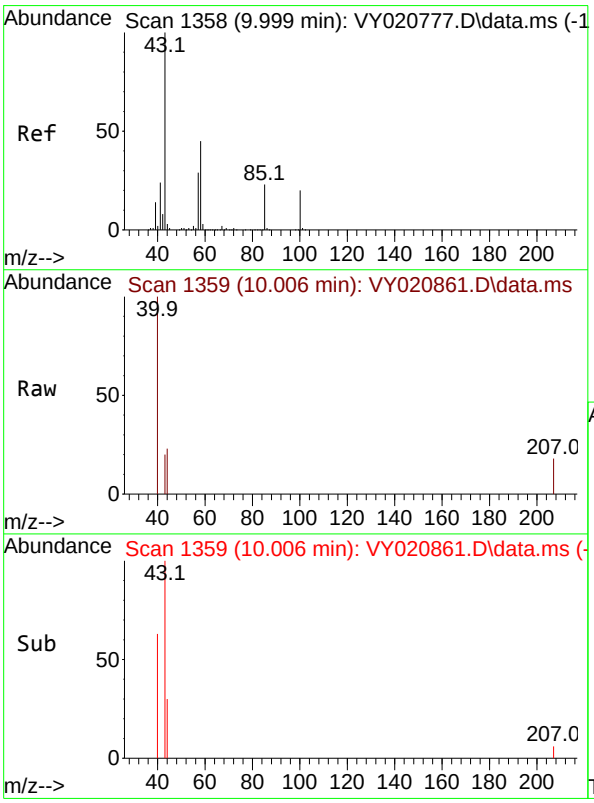
#50
Toluene-d8
Concen: 51.092 ug/l
RT: 10.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY020861.D
Acq: 17 Jan 2025 17:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 12542

Ion	Ratio	Lower	Upper
98	100		
100	62.3	52.5	78.7

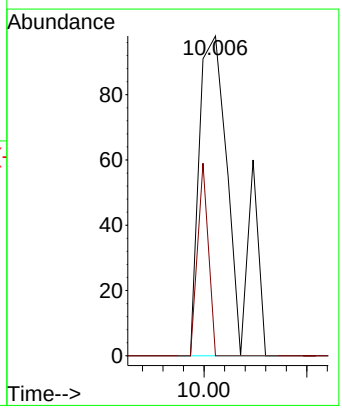


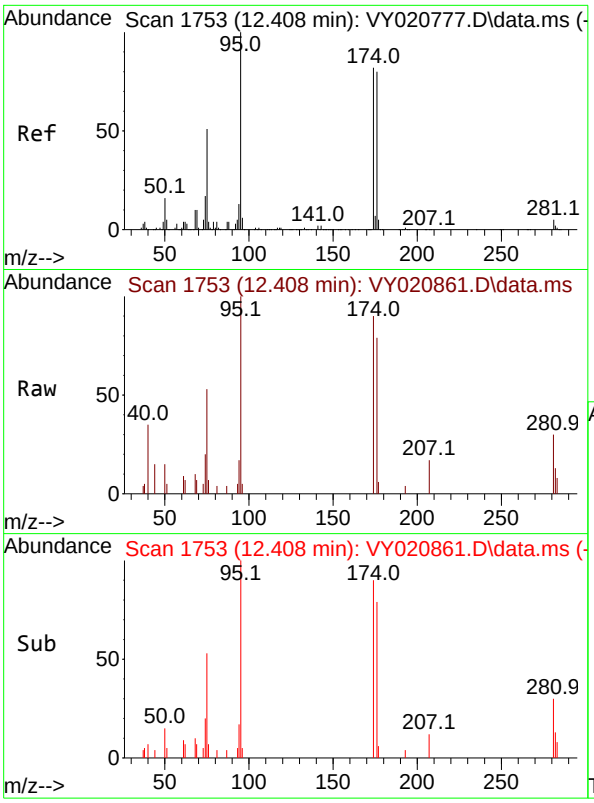


#51
4-Methyl-2-Pentanone
Concen: 3.056 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY020861.D
Acq: 17 Jan 2025 17:30

Tgt Ion: 43 Resp: 111

Ion	Ratio	Lower	Upper
43	100		
58	19.8	34.8	52.2#



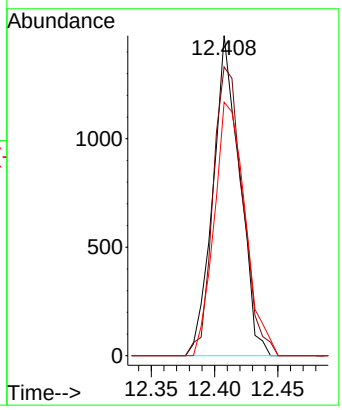


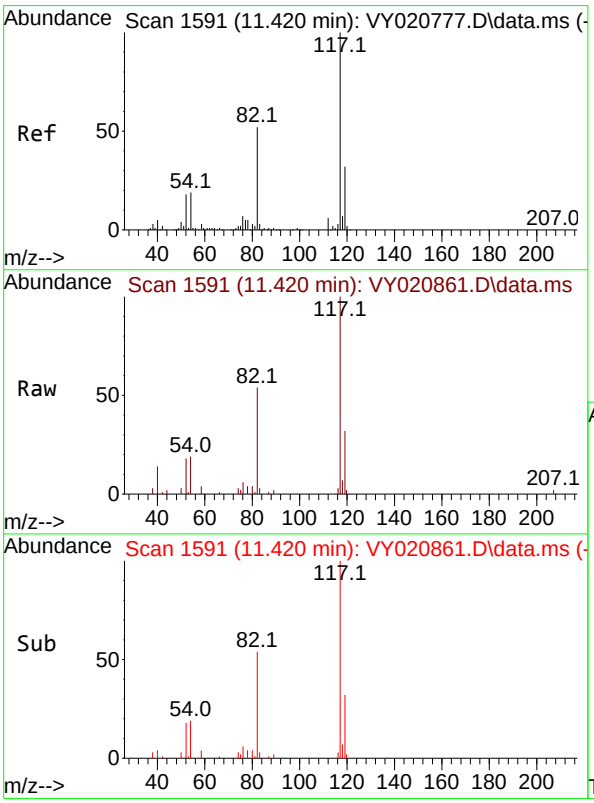
#62
4-Bromofluorobenzene
Concen: 23.916 ug/l
RT: 12.408 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY020861.D
Acq: 17 Jan 2025 17:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 2168

Ion	Ratio	Lower	Upper
95	100		
174	100.1	0.0	178.0
176	91.7	0.0	172.0

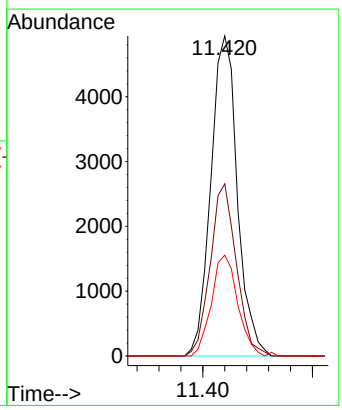


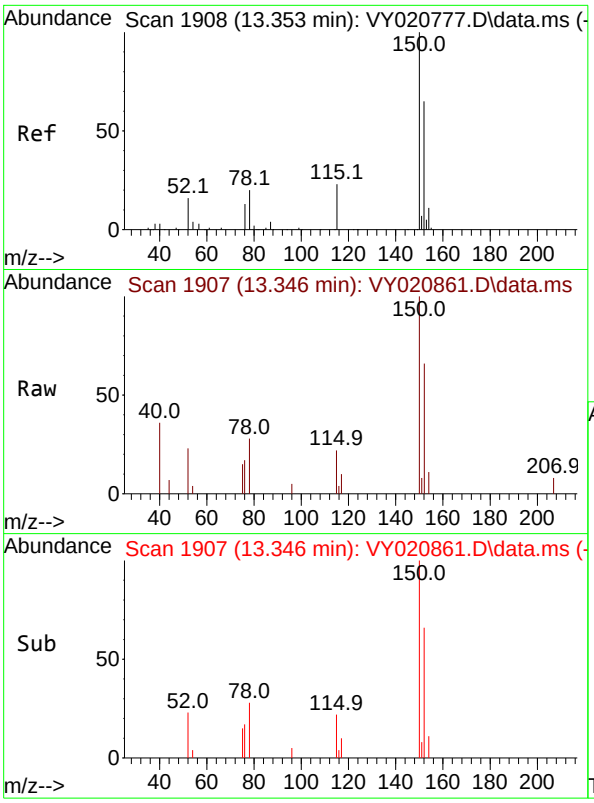


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY020861.D
Acq: 17 Jan 2025 17:30

Tgt Ion:117 Resp: 8293

Ion	Ratio	Lower	Upper
117	100		
82	53.8	41.8	62.6
119	31.5	25.8	38.8



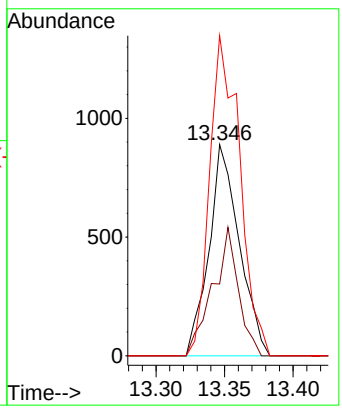


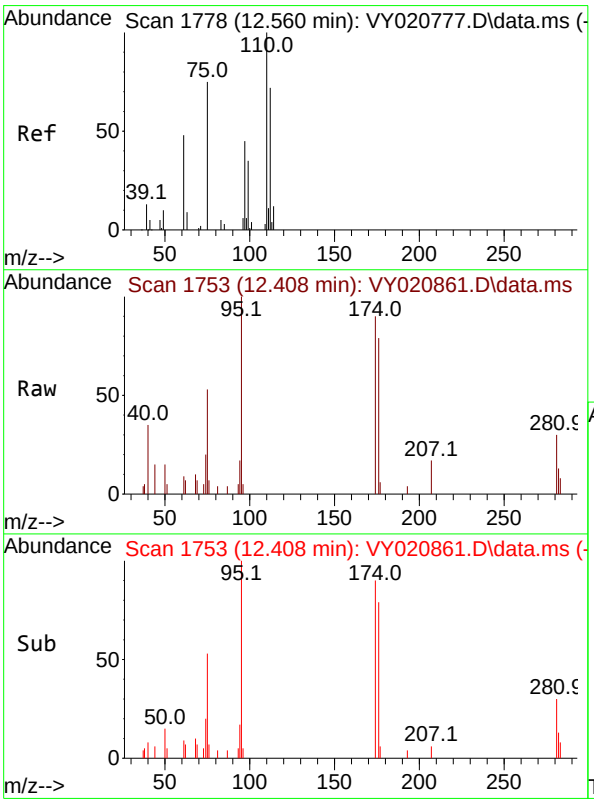
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY020861.D
Acq: 17 Jan 2025 17:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 1371

Ion	Ratio	Lower	Upper
152	100		
115	51.1	29.0	87.0
150	150.2	0.0	347.4

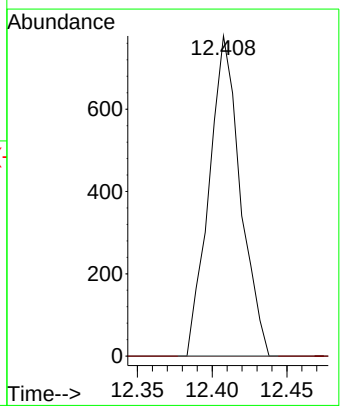


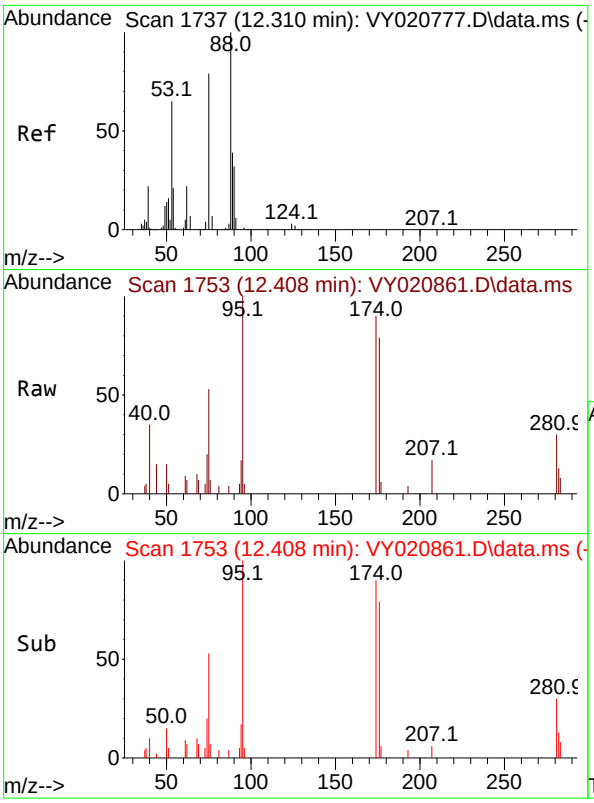


#76
1,2,3-Trichloropropane
Concen: 94.615 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020861.D
Acq: 17 Jan 2025 17:30

Tgt Ion: 75 Resp: 1135

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 199.499 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.098 min
Lab File: VY020861.D
Acq: 17 Jan 2025 17:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1135

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.4	104.0#
89	0.0	39.6	59.4#