Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
Data File : VY020836.D
Acq On : 15 Jan 2025 16:50
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 16 01:00:21 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	7.713	168	192448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	332709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	296007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	126917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	101641	62.138	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.280%			
35) Dibromofluoromethane	7.640	113	106126	50.915	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.820%			
50) Toluene-d8	10.109	98	390267	53.710	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.420%			
62) 4-Bromofluorobenzene	12.408	95	133202	49.641	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 99.280%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.848	59	775	6.270	ug/l #	73
16) Acetone	3.879	43	770	3.310	ug/l #	78
25) 2-Butanone	6.902	43	1189	3.112	ug/l #	73
31) Cyclohexane	7.713	56	3250	1.365	ug/l #	1
36) 1,1-Dichloropropene	7.719	75	13313	5.007	ug/l #	50
38) Carbon Tetrachloride	7.713	117	18665	5.043	ug/l #	16
51) 4-Methyl-2-Pentanone	9.993	43	1705	1.586	ug/l	93
76) 1,2,3-Trichloropropane	12.408	75	66499	59.882	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	66499	126.264	ug/l #	14

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

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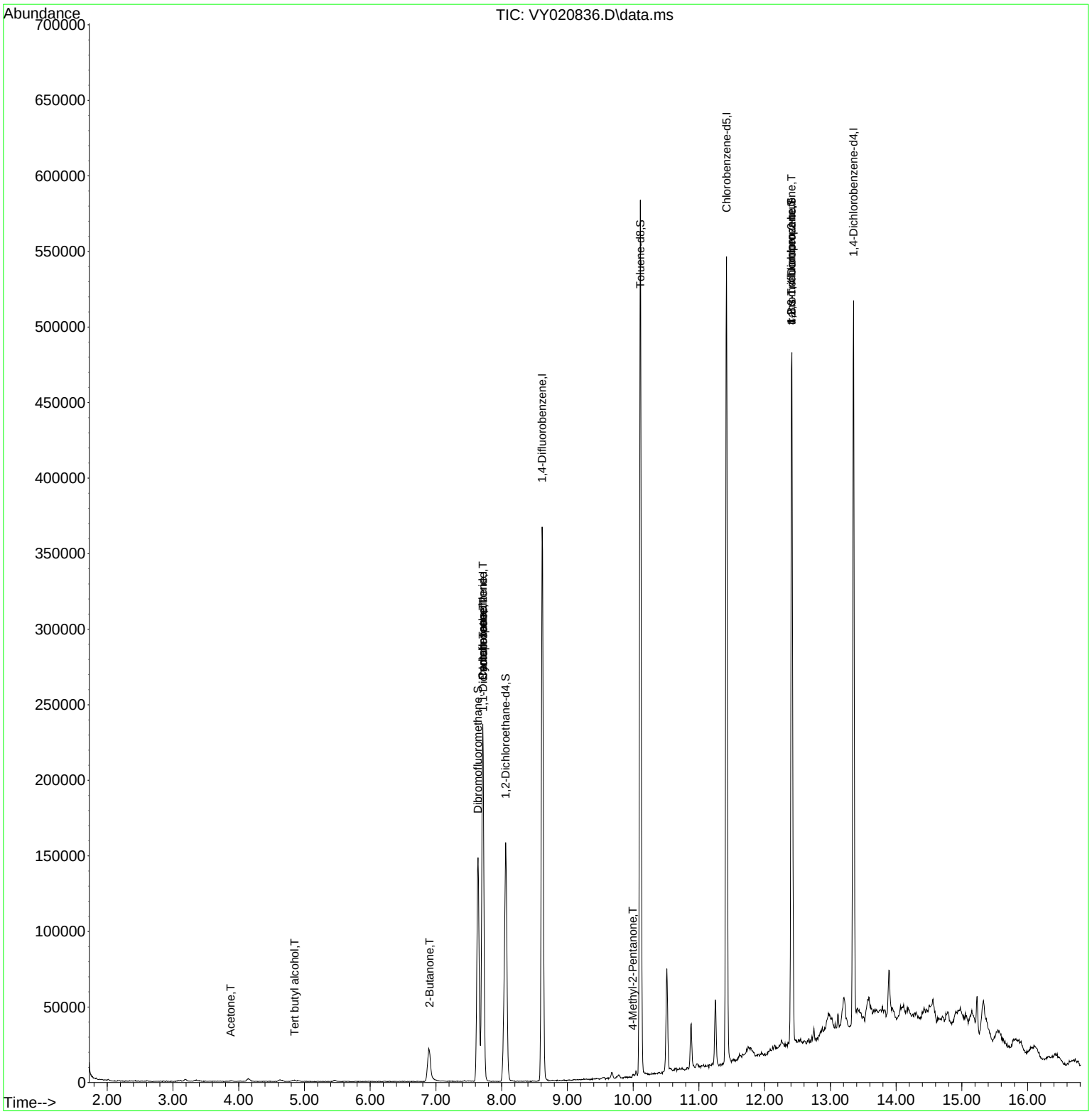
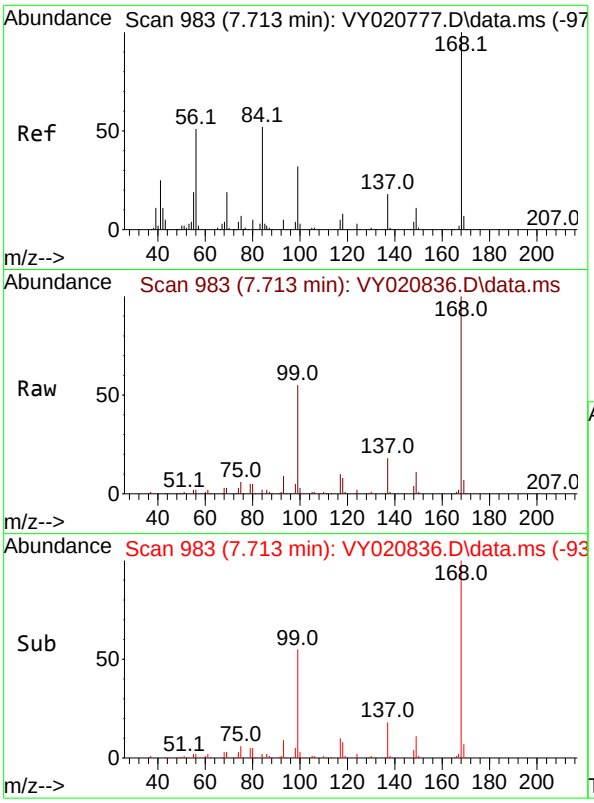


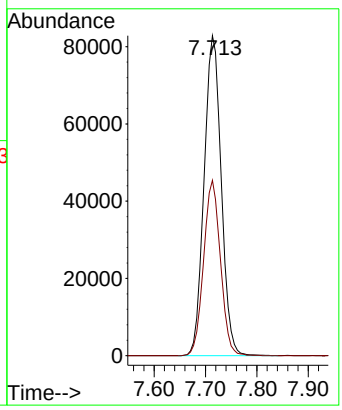


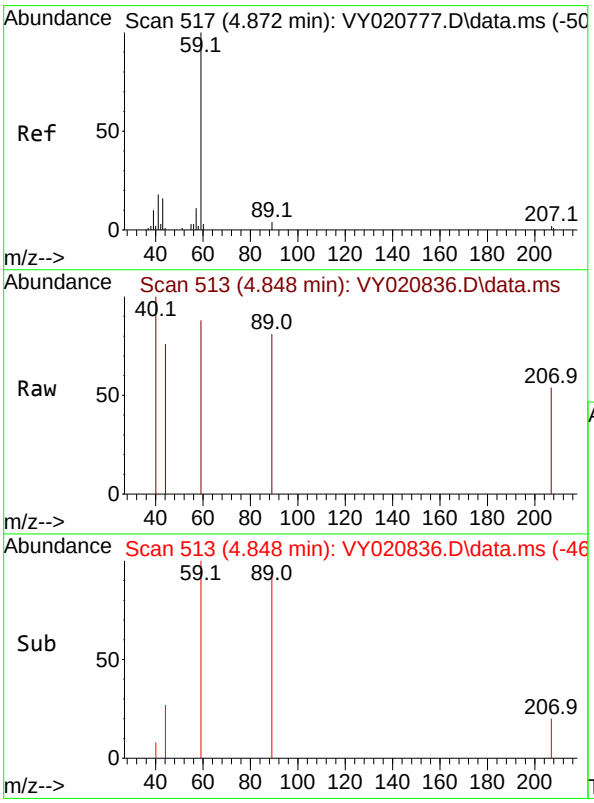
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 192448

Ion	Ratio	Lower	Upper
168	100		
99	54.8	44.3	66.5

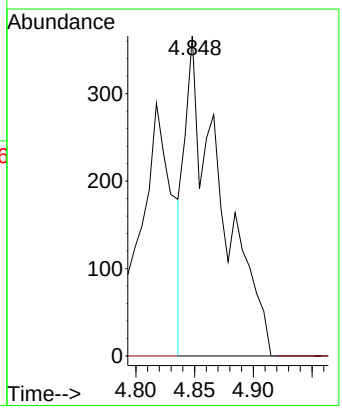


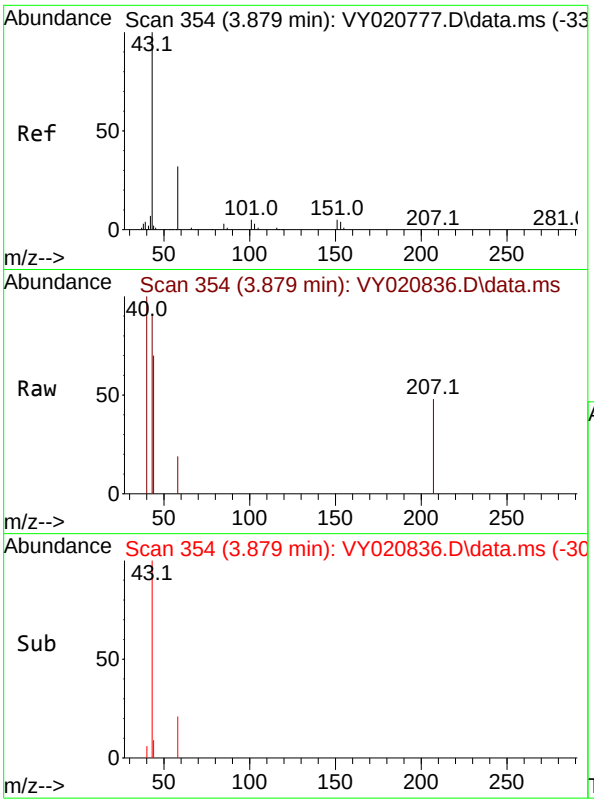


#11
Tert butyl alcohol
Concen: 6.270 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

Tgt Ion: 59 Resp: 775

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



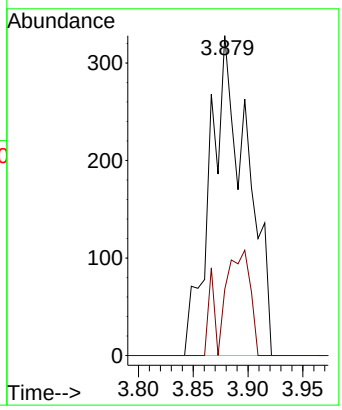


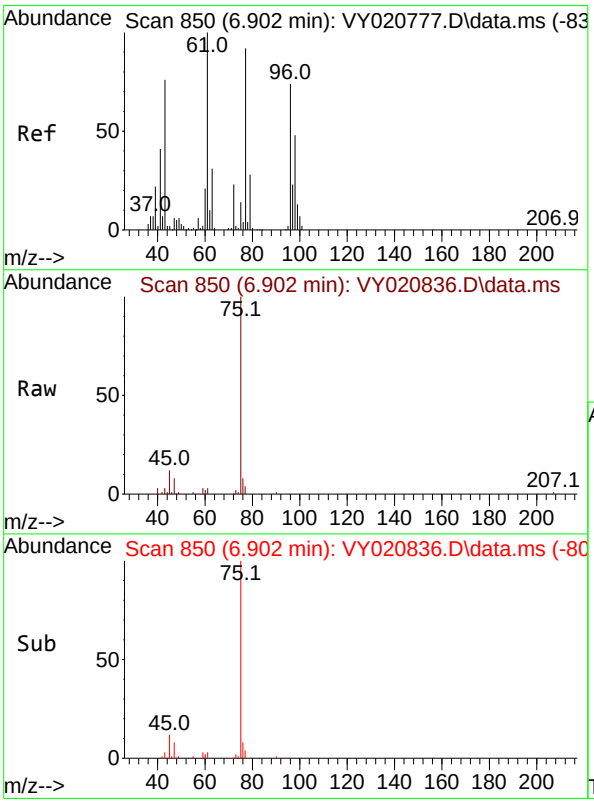
#16
Acetone
Concen: 3.310 ug/l
RT: 3.879 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 770

Ion	Ratio	Lower	Upper
43	100		
58	20.7	26.7	40.1#

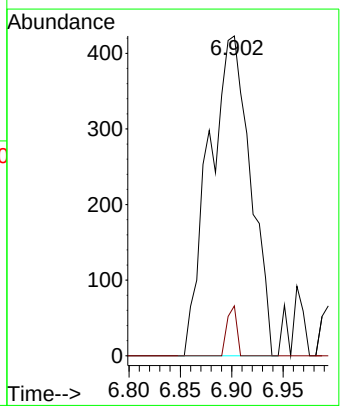


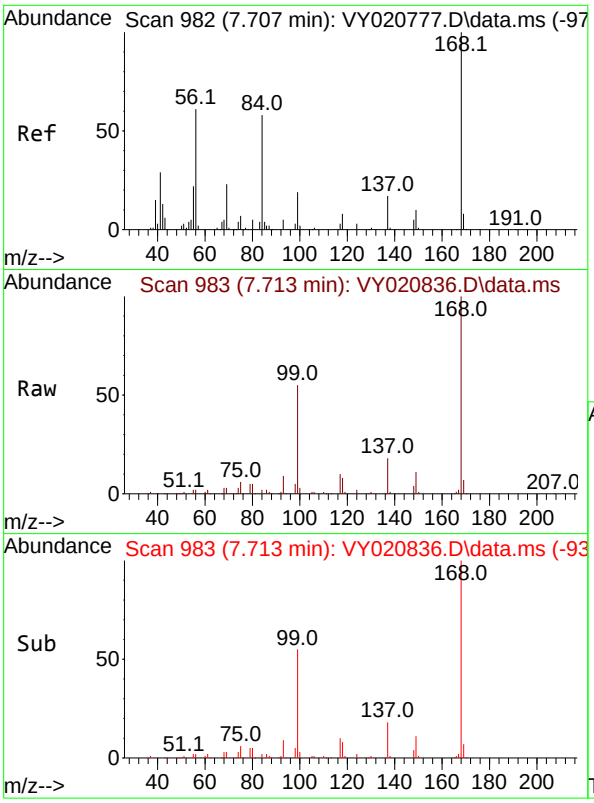


#25
2-Butanone
Concen: 3.112 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

Tgt Ion: 43 Resp: 1189

Ion	Ratio	Lower	Upper
43	100		
72	15.6	24.0	36.0#



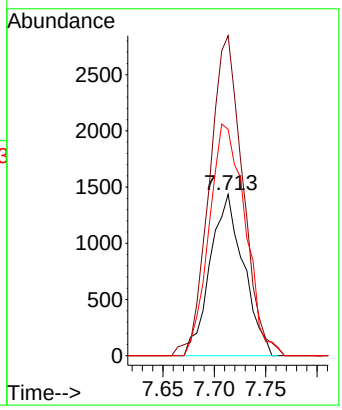


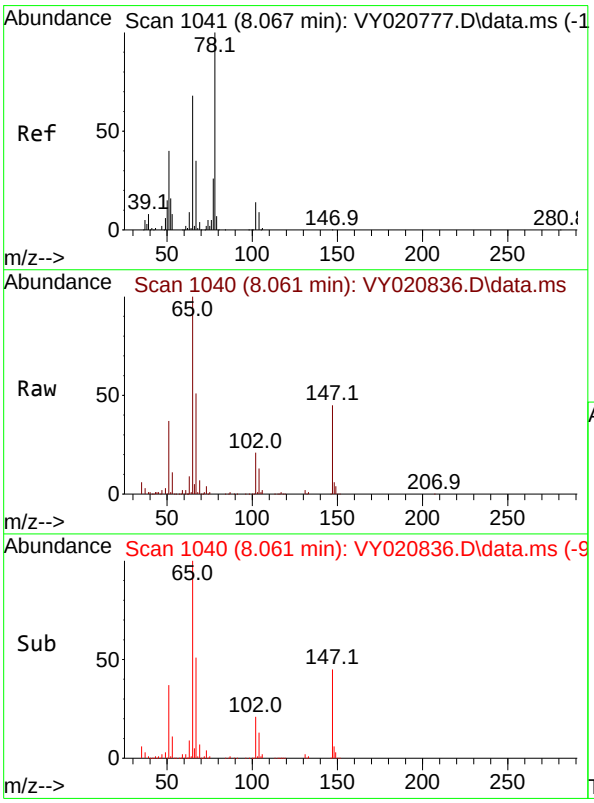
#31
Cyclohexane
Concen: 1.365 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 3250

Ion	Ratio	Lower	Upper
56	100		
69	193.9	30.5	45.7#
84	140.3	76.6	115.0#

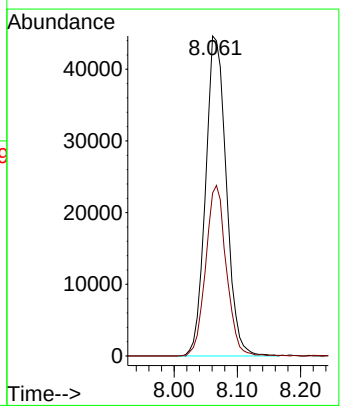


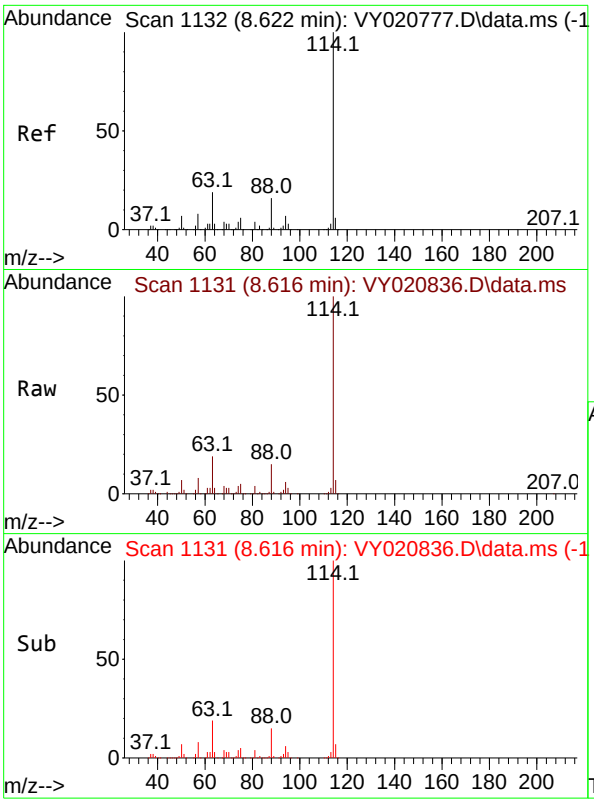


#33
1,2-Dichloroethane-d4
Concen: 62.138 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

Tgt Ion: 65 Resp: 101641

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	102.8



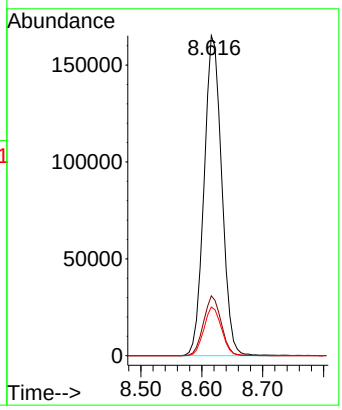


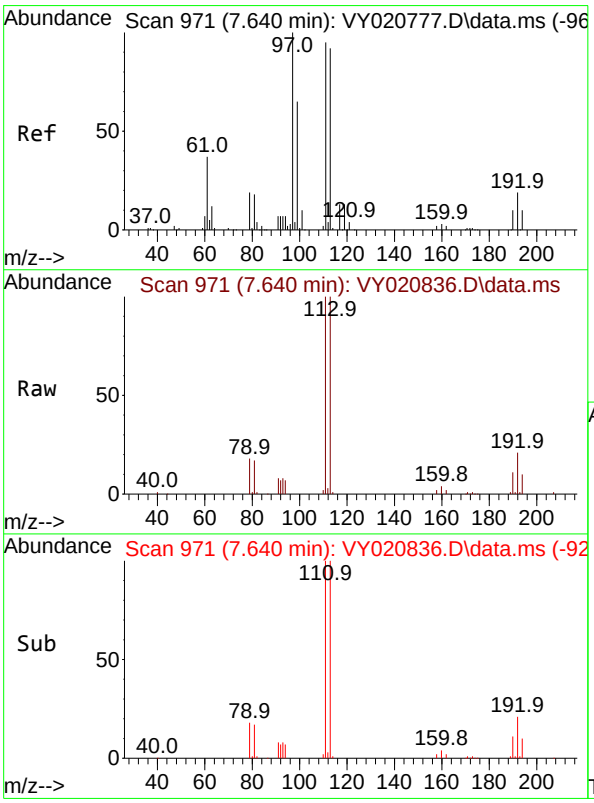
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 332709

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.4
88	15.2	0.0	31.2

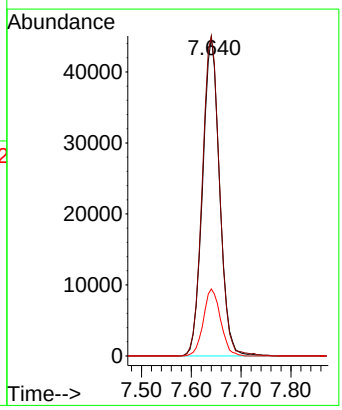


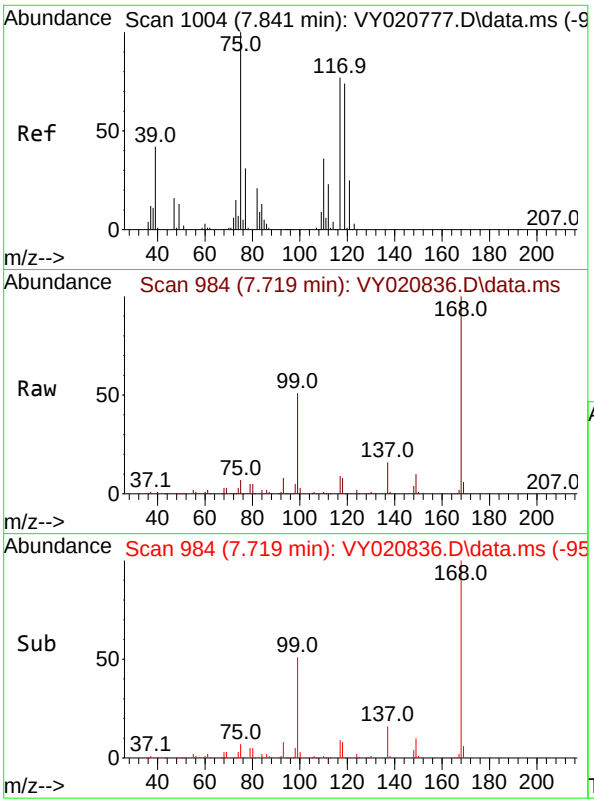


#35
Dibromofluoromethane
Concen: 50.915 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

Tgt Ion:113 Resp: 106126

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.7	122.5
192	21.3	16.7	25.1



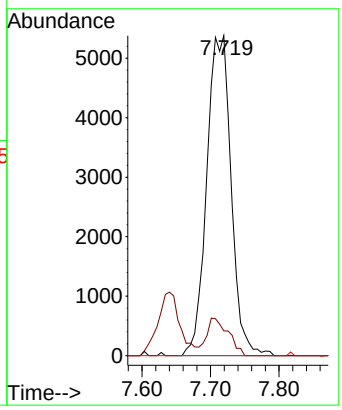


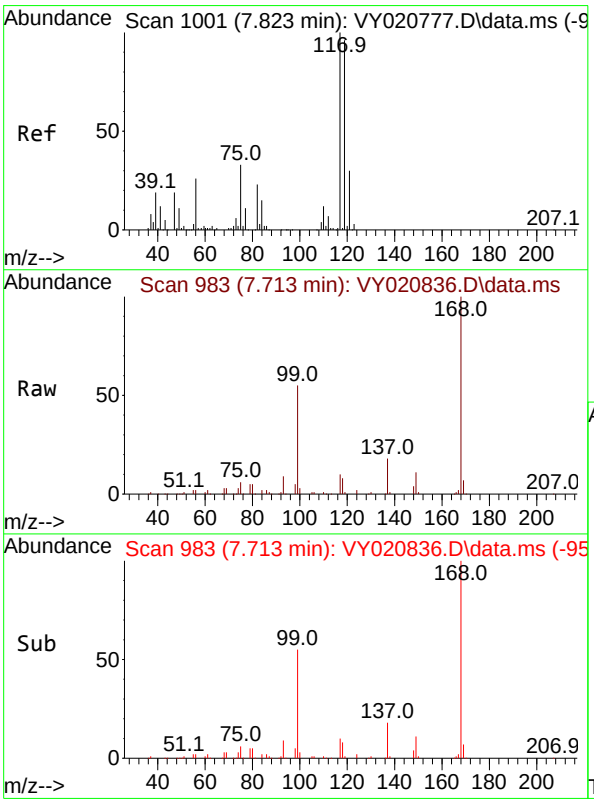
#36
1,1-Dichloropropene
Concen: 5.007 ug/l
RT: 7.719 min Scan# 9
Delta R.T. -0.122 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 13313

Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.5	55.5#
77	0.0	25.0	37.4#

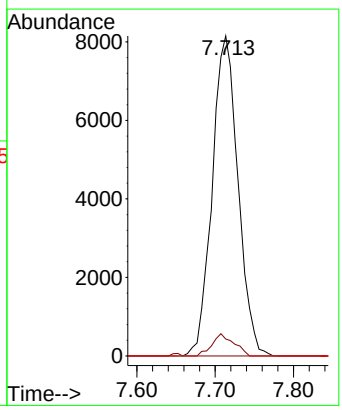


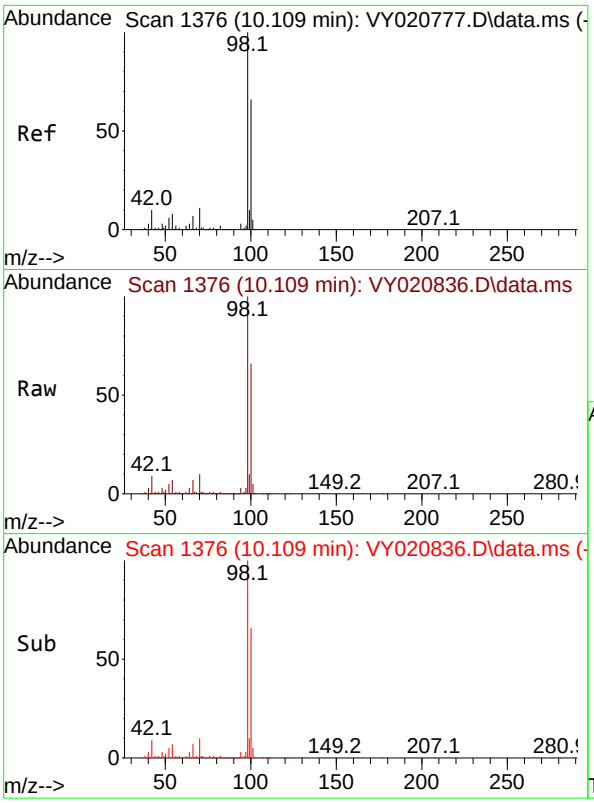


#38
Carbon Tetrachloride
Concen: 5.043 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

Tgt Ion:117 Resp: 18665

Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.5	114.7#
121	0.0	24.3	36.5#



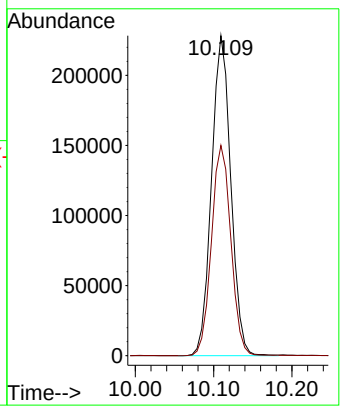


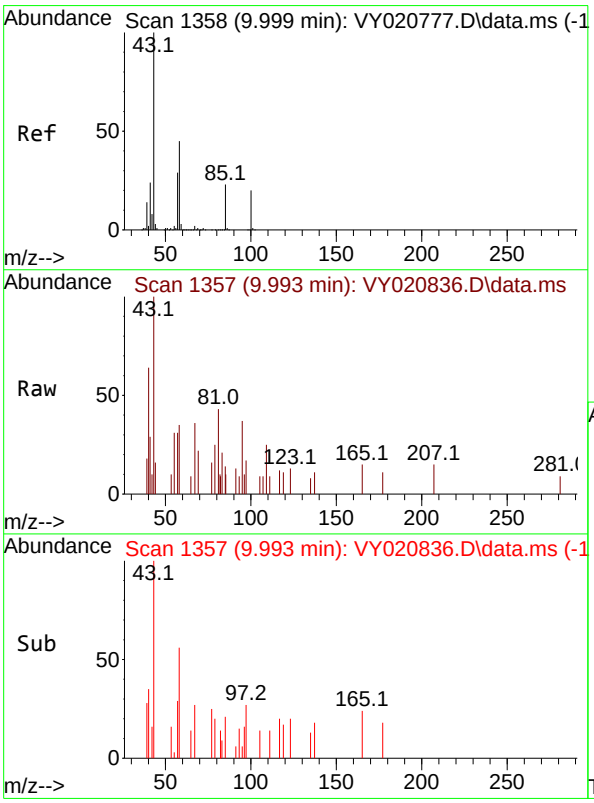
#50
Toluene-d8
Concen: 53.710 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 390267

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.5	78.7

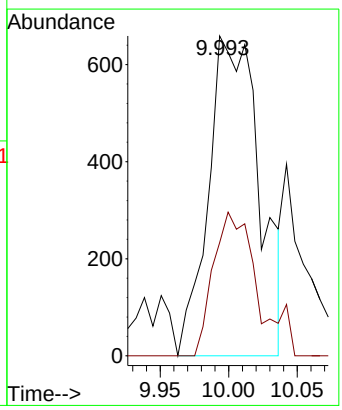


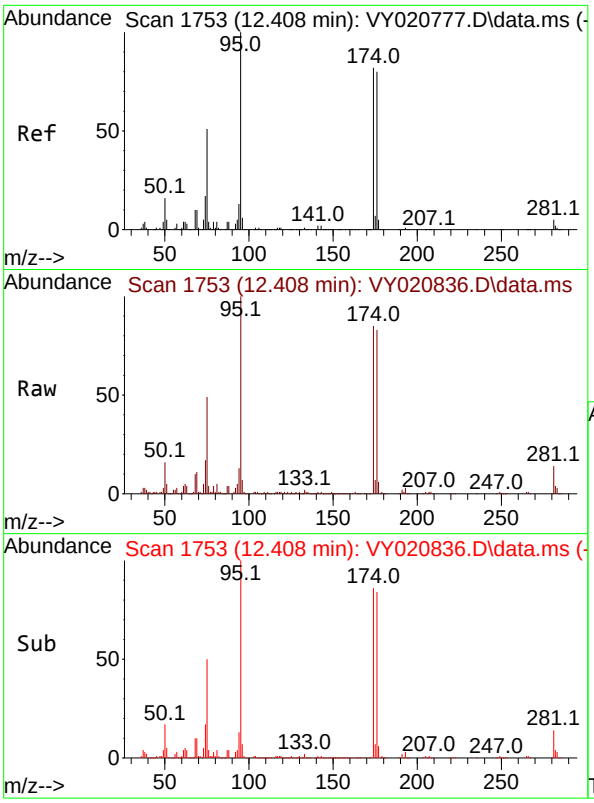


#51
4-Methyl-2-Pentanone
Concen: 1.586 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

Tgt Ion: 43 Resp: 1705

Ion	Ratio	Lower	Upper
43	100		
58	38.7	34.8	52.2



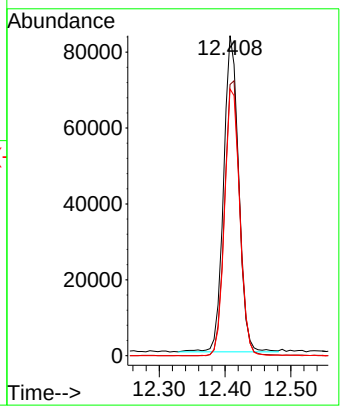


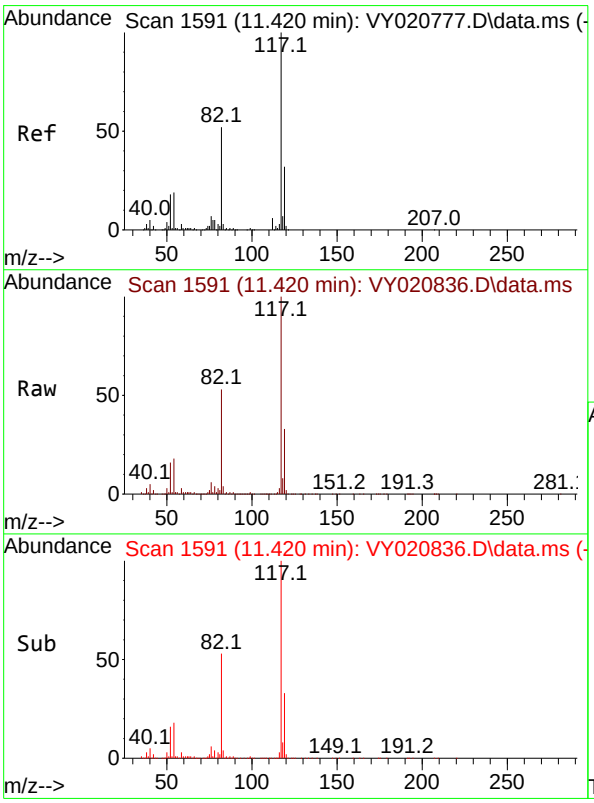
#62
4-Bromofluorobenzene
Concen: 49.641 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 133202

Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	178.0
176	84.6	0.0	172.0

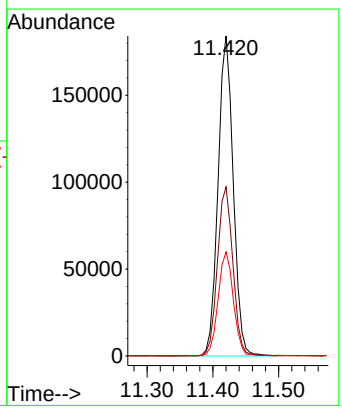


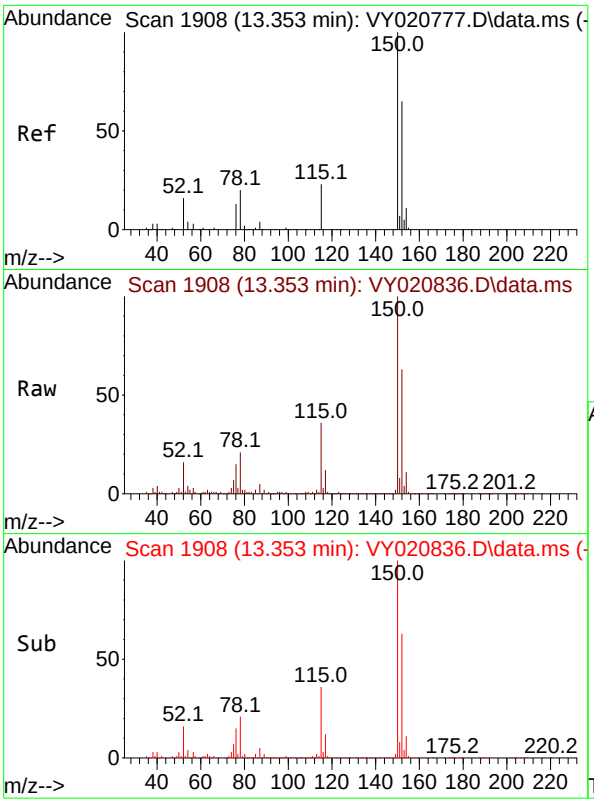


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

Tgt Ion:117 Resp: 296007

Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.8	62.6
119	32.5	25.8	38.8



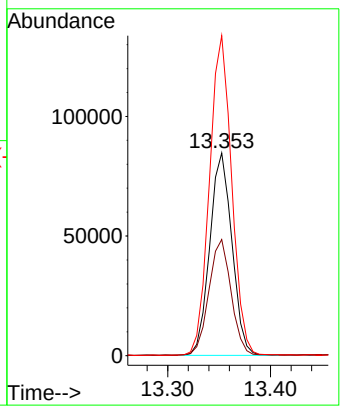


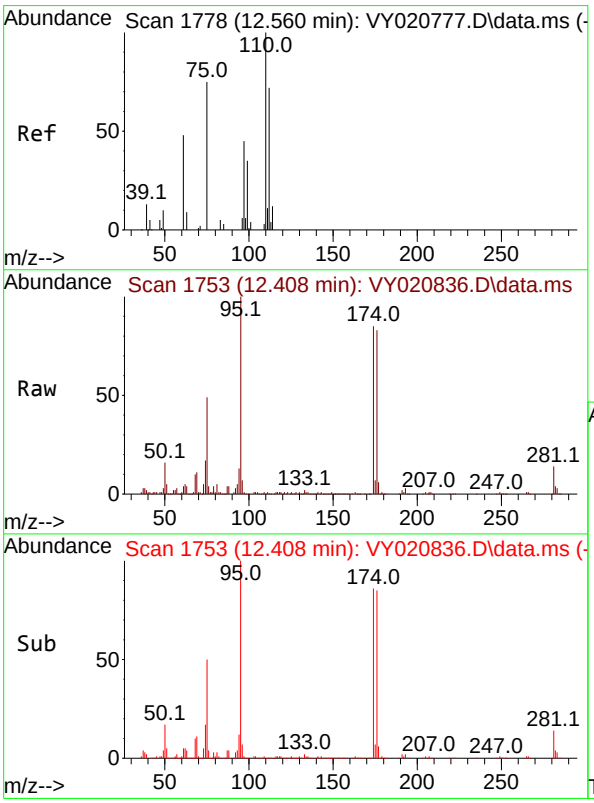
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 126917

Ion	Ratio	Lower	Upper
152	100		
115	57.4	29.0	87.0
150	157.9	0.0	347.4

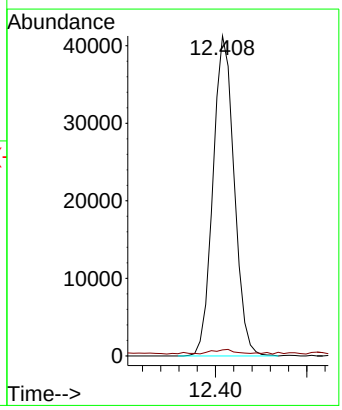


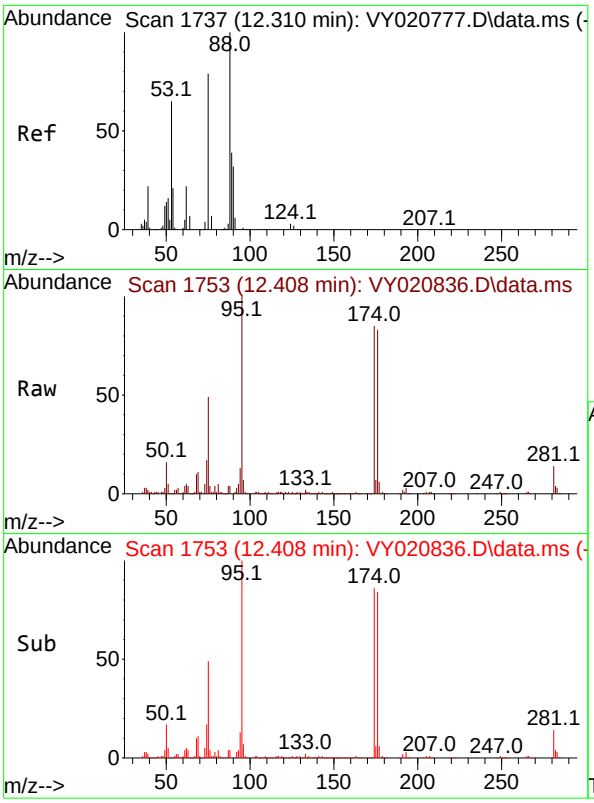


#76
1,2,3-Trichloropropane
Concen: 59.882 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

Tgt Ion: 75 Resp: 66499

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 126.264 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.098 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 66499

Ion	Ratio	Lower	Upper
75	100		
53	0.2	69.4	104.0#
89	0.4	39.6	59.4#