Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
Data File : VY020070.D
Acq On : 29 Oct 2024 18:43
Operator : SY/MD
Sample : P4594-15
Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 30 01:29:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	16184	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	27779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	19681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	4286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	9105	45.691	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.380%			
35) Dibromofluoromethane	7.640	113	9009	49.146	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.300%			
50) Toluene-d8	10.109	98	31517	46.558	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.120%			
62) 4-Bromofluorobenzene	12.408	95	6168	25.217	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 50.440%			
Target Compounds						Qvalue
13) Acrolein	3.659	56	42	2.868	ug/l #	15
16) Acetone	3.879	43	686	13.224	ug/l #	36
20) Methylene Chloride	4.616	84	357	1.074	ug/l #	52
25) 2-Butanone	6.890	43	118	1.699	ug/l #	41
29) Tetrahydrofuran	7.274	42	54	1.362	ug/l #	26
36) 1,1-Dichloropropene	7.713	75	2041	7.728	ug/l #	43
38) Carbon Tetrachloride	7.719	117	1925	6.799	ug/l #	13
75) 1,1,2,2-Tetrachloroethane	12.718	83	81	1.264	ug/l #	26
76) 1,2,3-Trichloropropane	12.408	75	3817	45.461	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	3817	183.497	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.255	75	67	6.554	ug/l #	1

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

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Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/A
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Quant Time: Oct 30 01:29:13 2024
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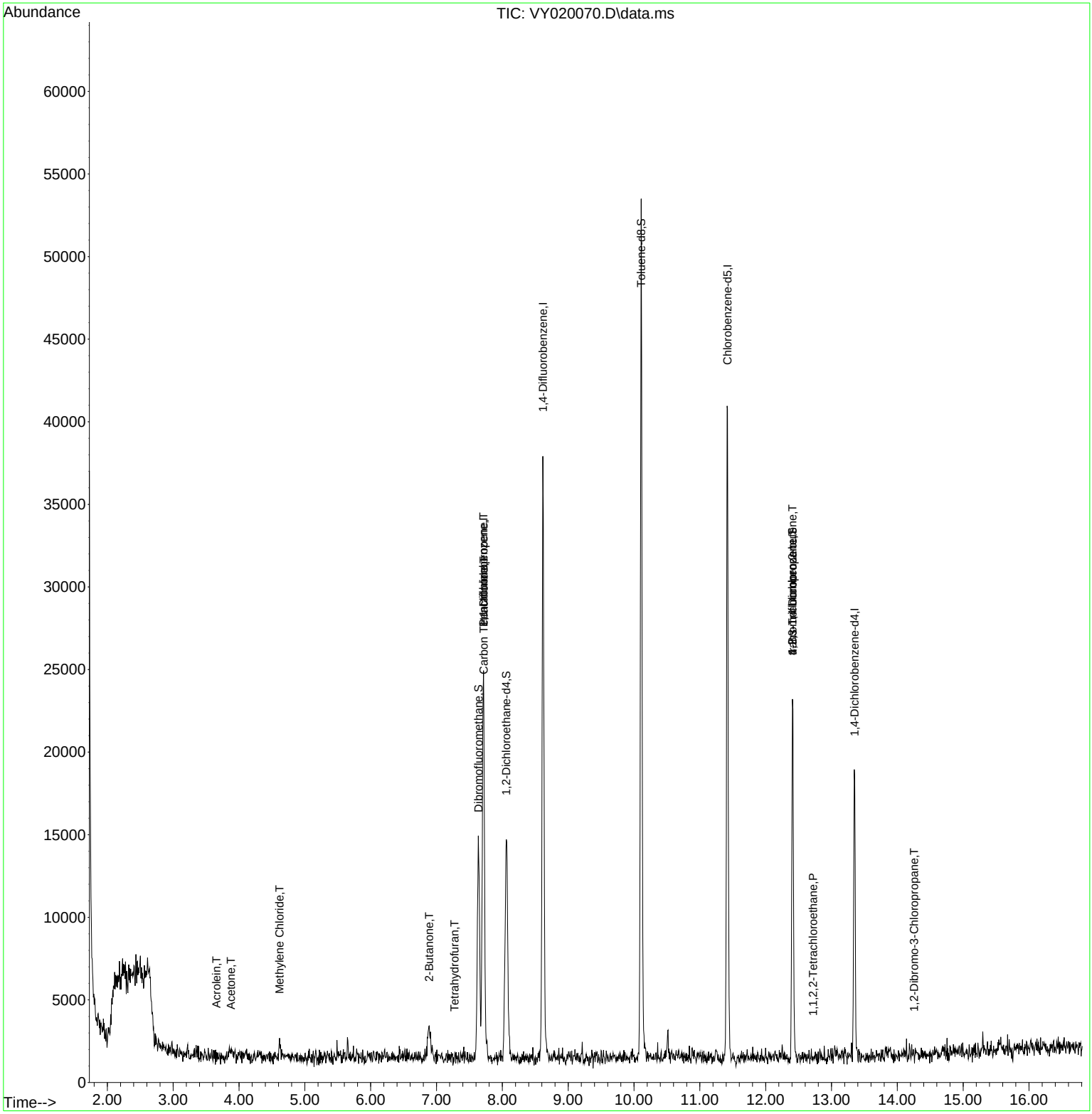
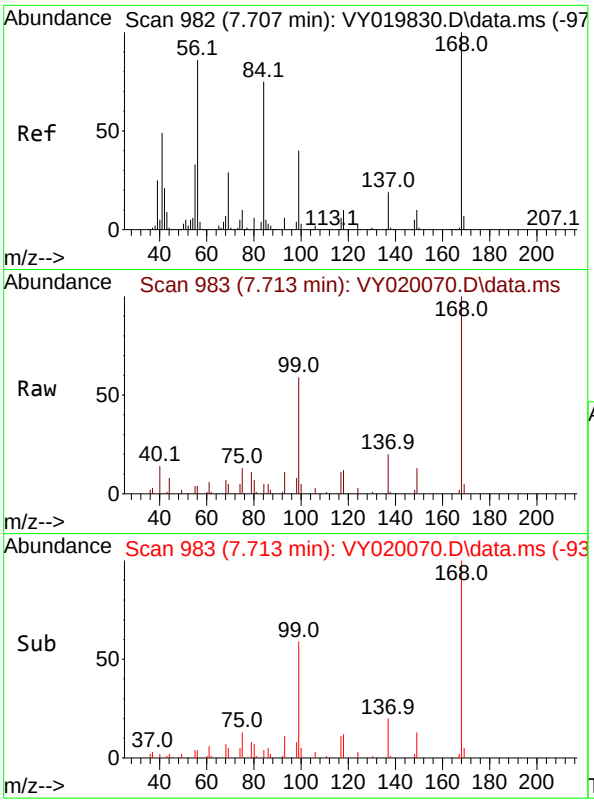
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration



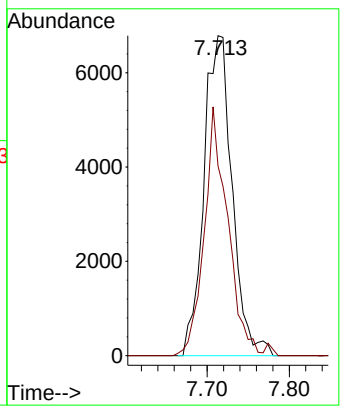


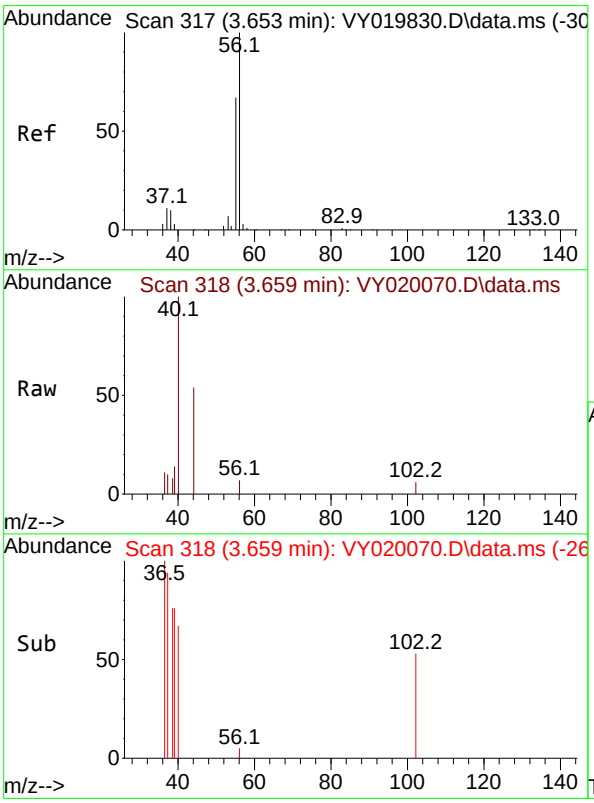
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 16184

Ion	Ratio	Lower	Upper
168	100		
99	59.2	39.1	58.7#

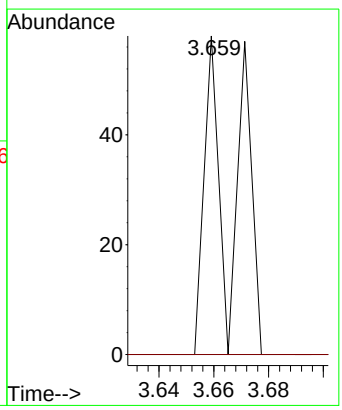


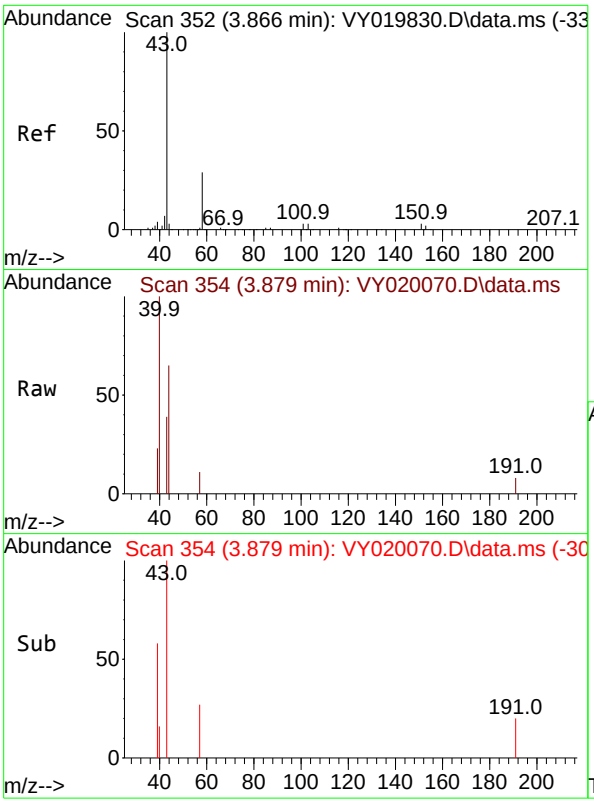


#13
Acrolein
Concen: 2.868 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Tgt Ion: 56 Resp: 42

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.7	83.5#



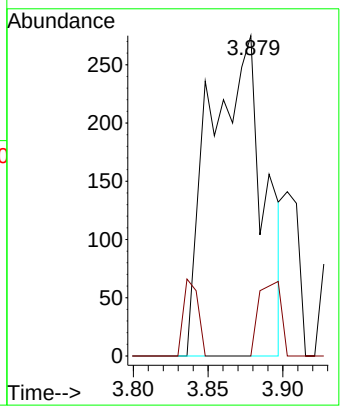


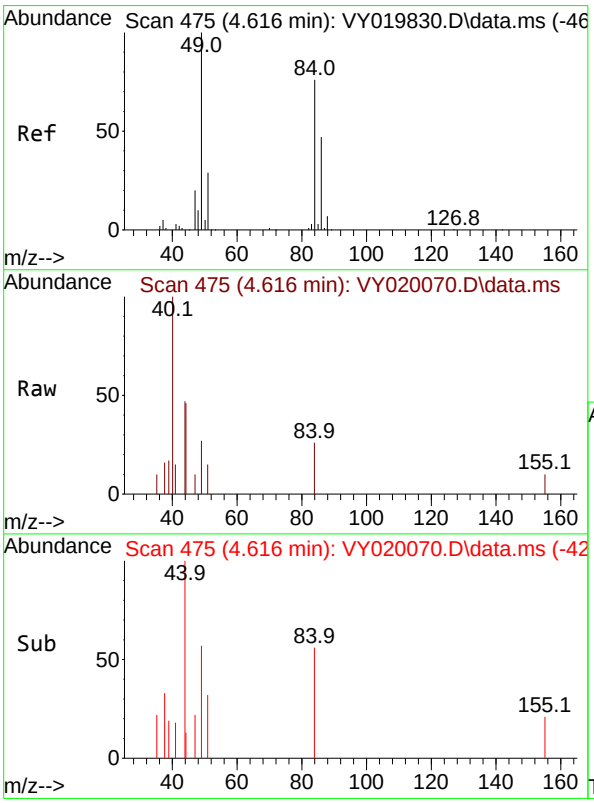
#16
Acetone
Concen: 13.224 ug/l
RT: 3.879 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 686

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.7	47.5#

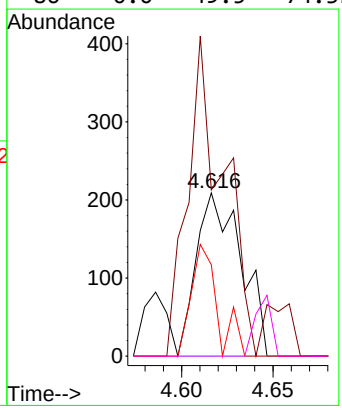


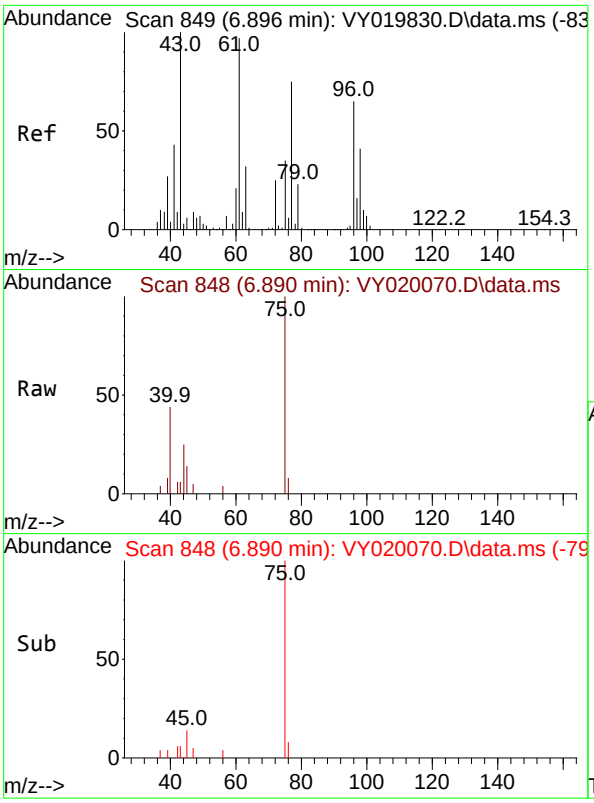


#20
Methylene Chloride
Concen: 1.074 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Tgt Ion: 84 Resp: 357

Ion	Ratio	Lower	Upper
84	100		
49	74.6	84.4	126.6#
51	56.0	26.0	39.0#
86	0.0	49.5	74.3#



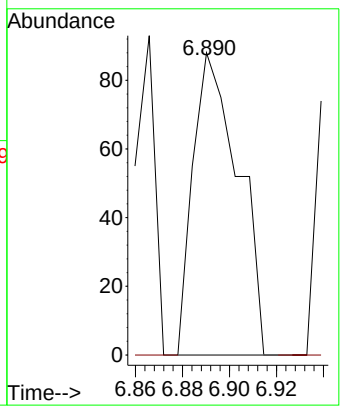


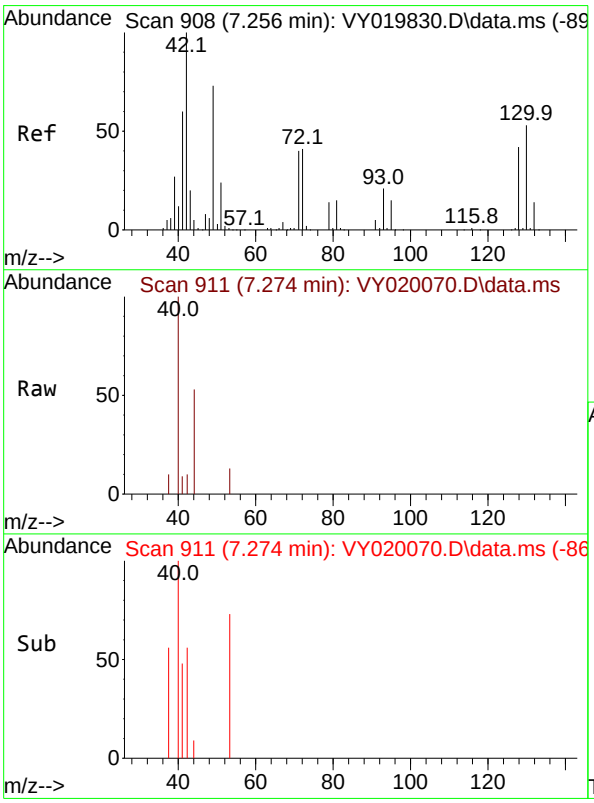
#25
2-Butanone
Concen: 1.699 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 118

Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#

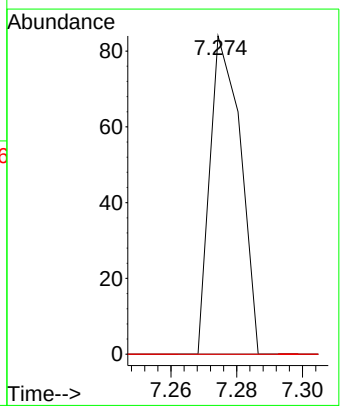


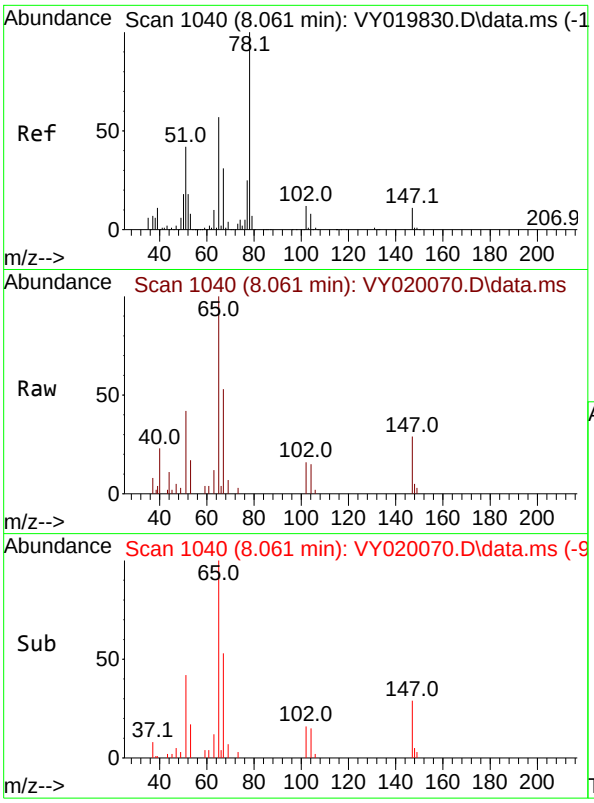


#29
Tetrahydrofuran
Concen: 1.362 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Tgt Ion: 42 Resp: 54

Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	0.0	40.8	61.2#



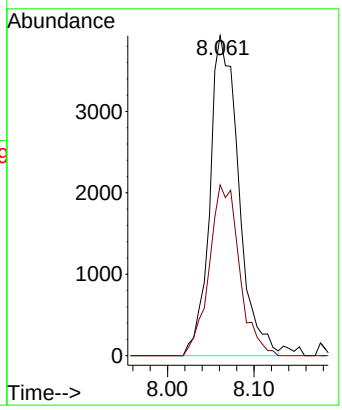


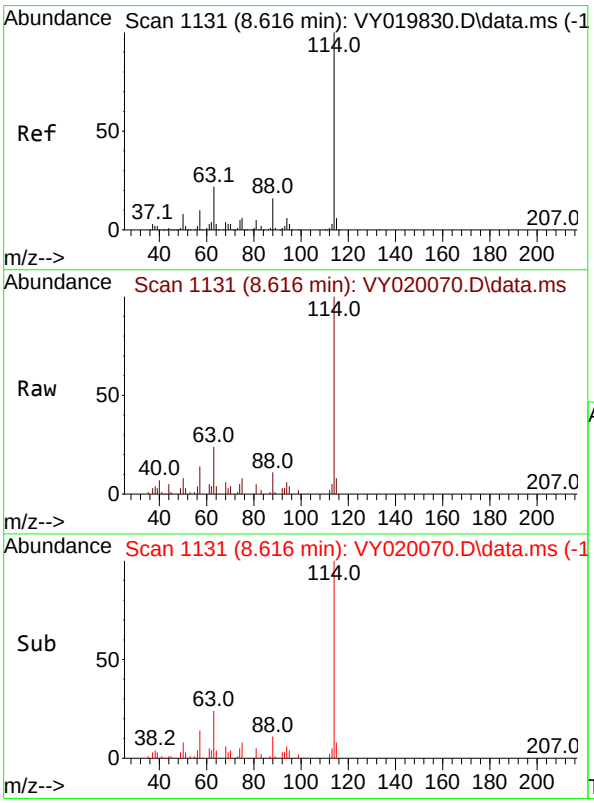
#33
1,2-Dichloroethane-d4
Concen: 45.691 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 9105

Ion	Ratio	Lower	Upper
65	100		
67	55.9	0.0	109.6

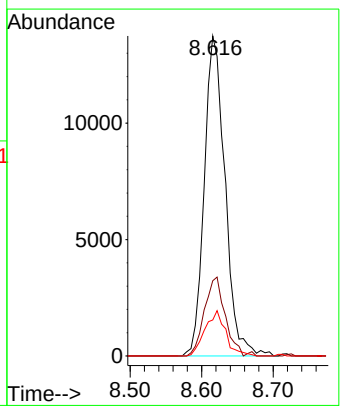


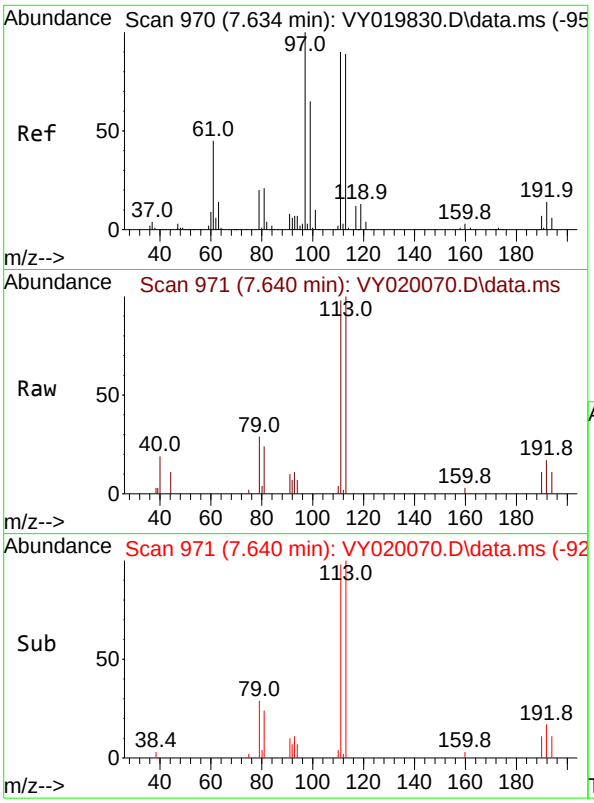


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Tgt Ion:114 Resp: 27779

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	35.0
88	11.3	0.0	27.2



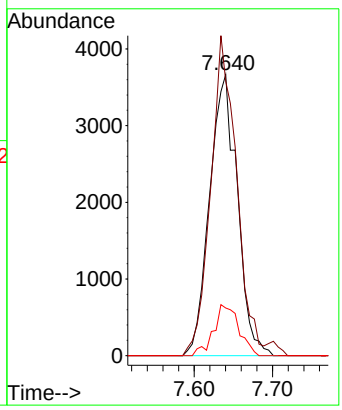


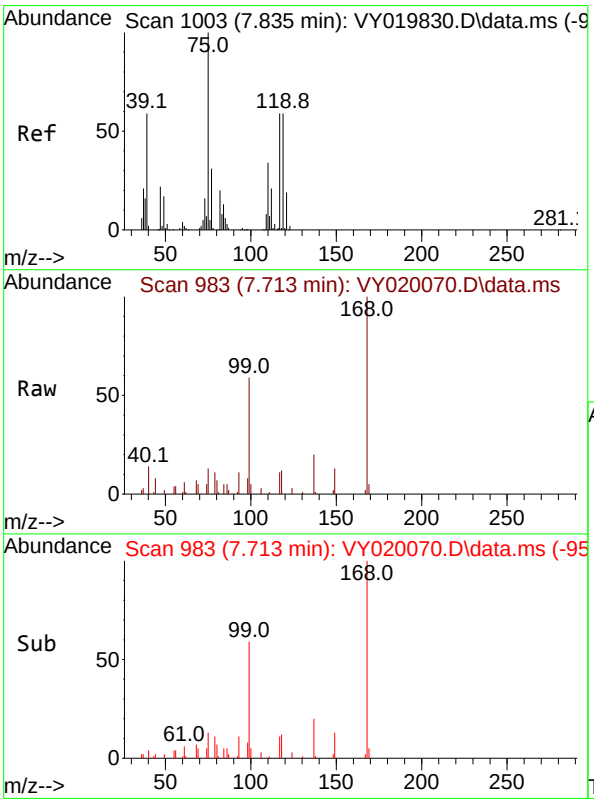
#35
Dibromofluoromethane
Concen: 49.146 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 9009

Ion	Ratio	Lower	Upper
113	100		
111	106.1	82.2	123.4
192	16.5	15.9	23.9

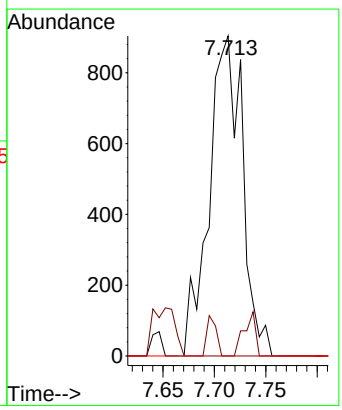


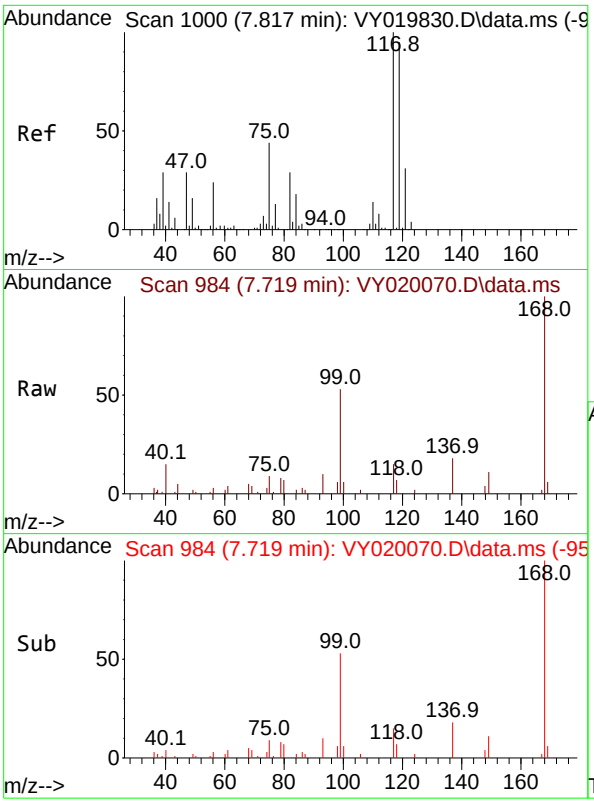


#36
1,1-Dichloropropene
Concen: 7.728 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Tgt Ion: 75 Resp: 2041

Ion	Ratio	Lower	Upper
75	100		
110	3.6	19.0	57.0#
77	0.0	25.3	37.9#



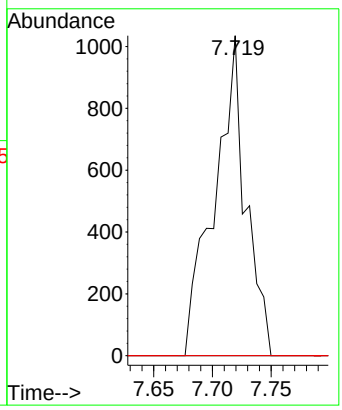


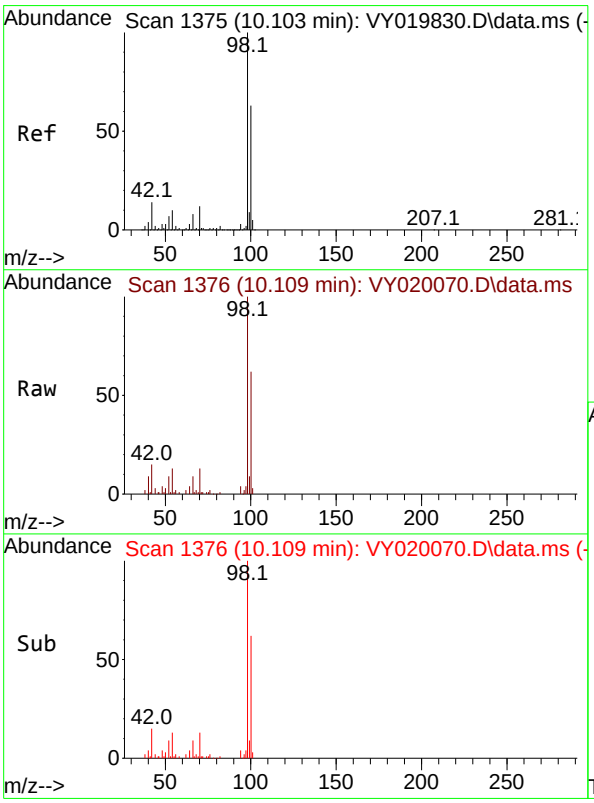
#38
Carbon Tetrachloride
Concen: 6.799 ug/l
RT: 7.719 min Scan# 9
Delta R.T. -0.097 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 1925

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.6#
121	0.0	24.0	36.0#

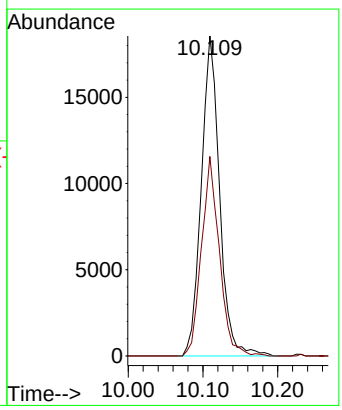


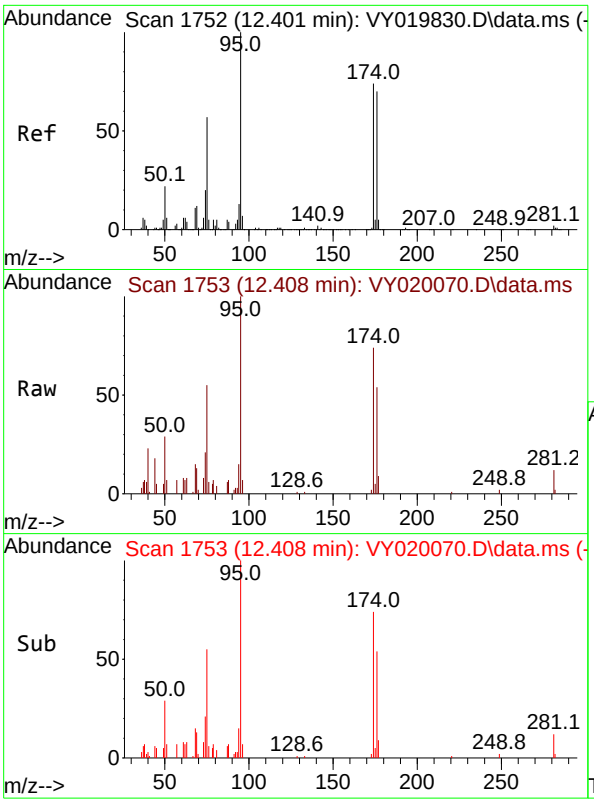


#50
Toluene-d8
Concen: 46.558 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Tgt Ion: 98 Resp: 31517

Ion	Ratio	Lower	Upper
98	100		
100	61.1	52.0	78.0



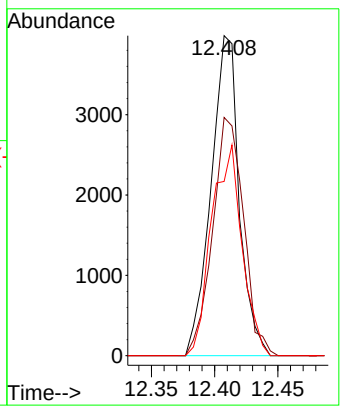


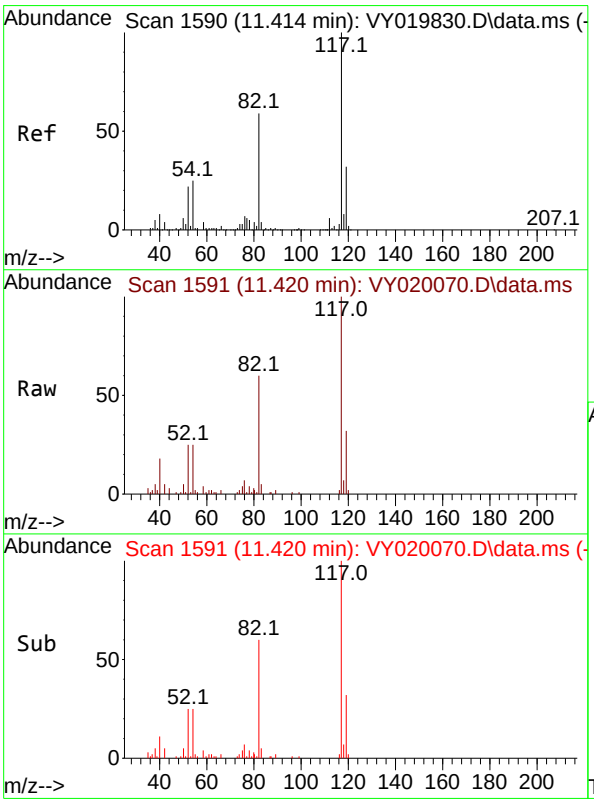
#62
4-Bromofluorobenzene
Concen: 25.217 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 6168

Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	175.6
176	71.4	0.0	171.4

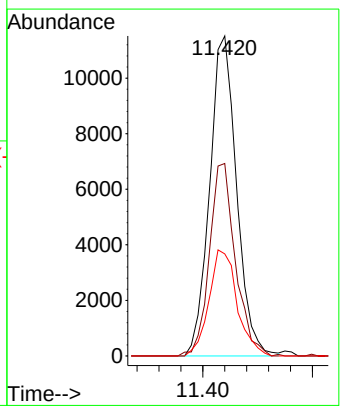


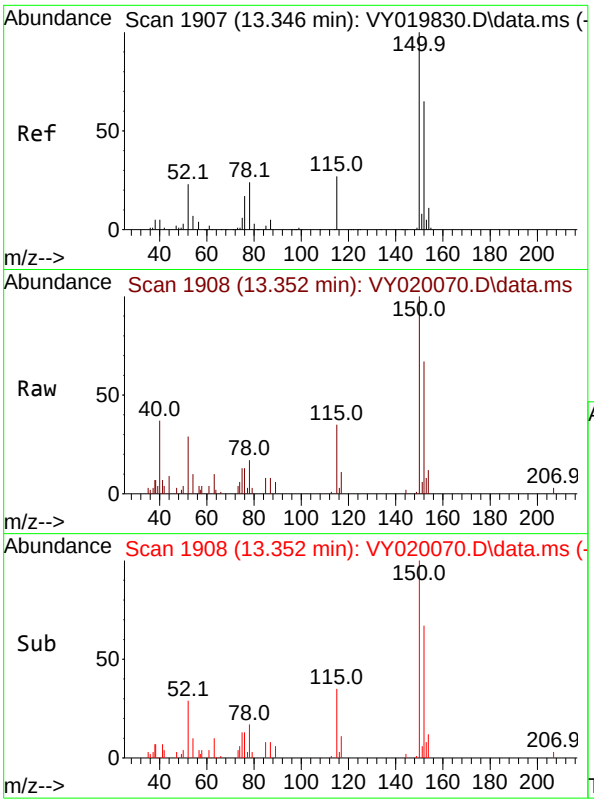


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Tgt Ion:117 Resp: 19681

Ion	Ratio	Lower	Upper
117	100		
82	60.2	42.4	63.6
119	31.9	25.9	38.9



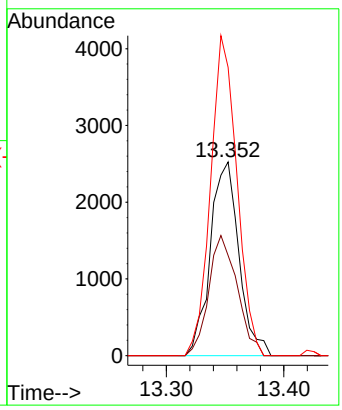


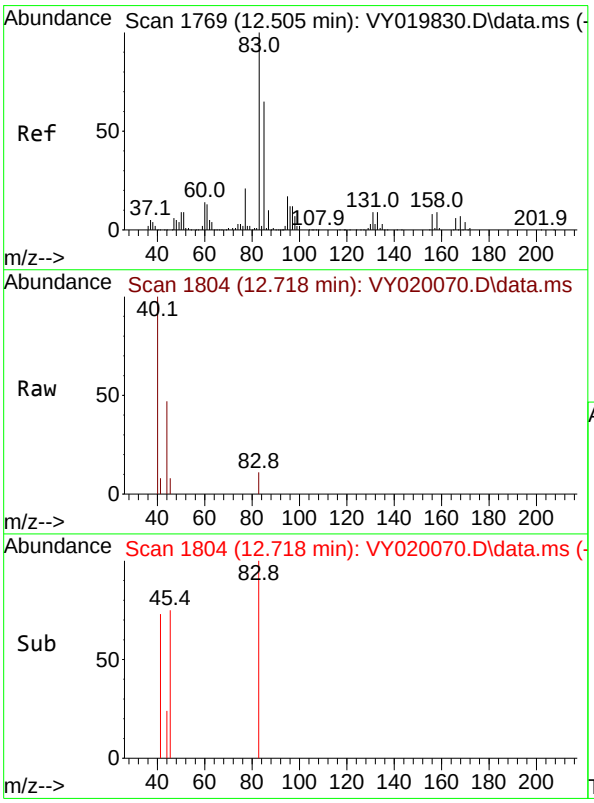
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 4286

Ion	Ratio	Lower	Upper
152	100		
115	61.7	28.2	84.7
150	151.7	0.0	345.6

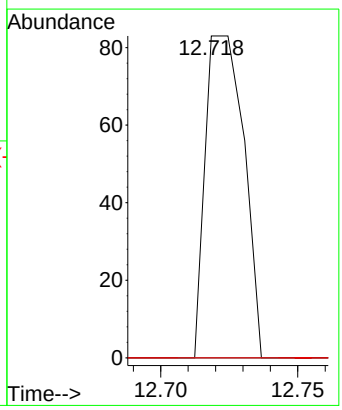


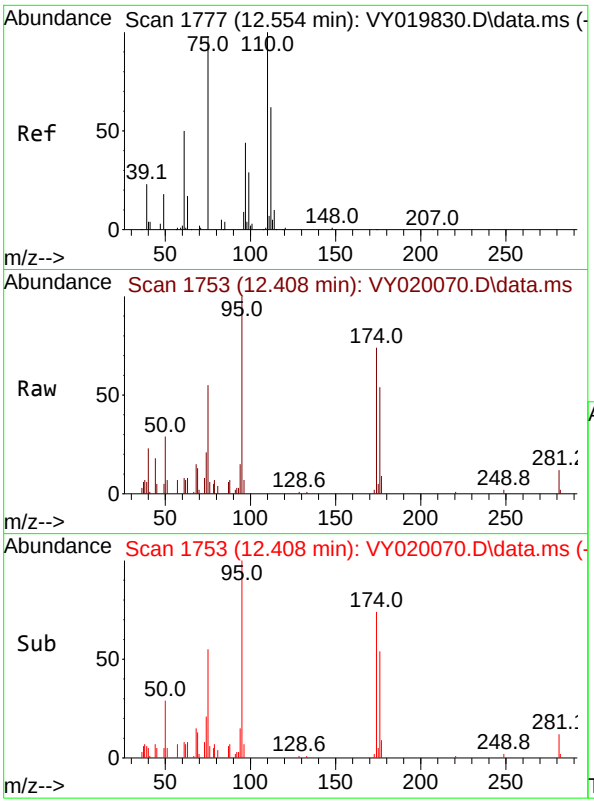


#75
1,1,2,2-Tetrachloroethane
Concen: 1.264 ug/l
RT: 12.718 min Scan# 1804
Delta R.T. 0.208 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Tgt Ion: 83 Resp: 81

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	0.0	32.0	96.0#



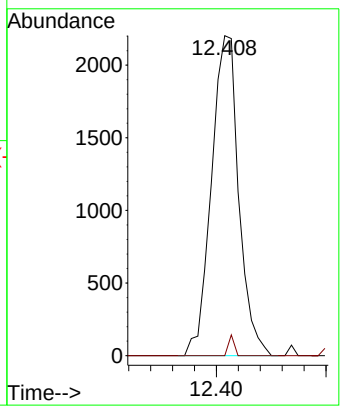


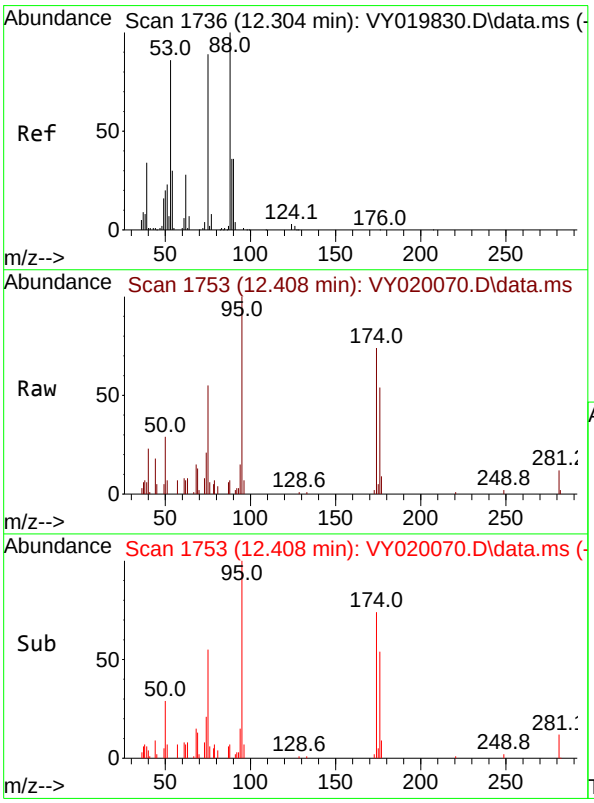
#76
1,2,3-Trichloropropane
Concen: 45.461 ug/l
RT: 12.408 min Scan# 1
Delta R.T. -0.152 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 3817

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

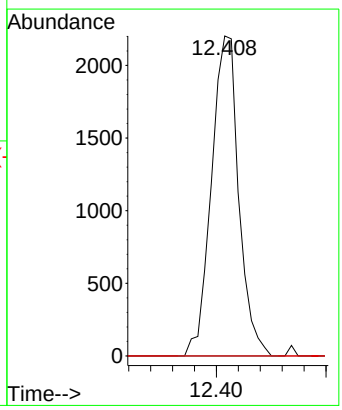


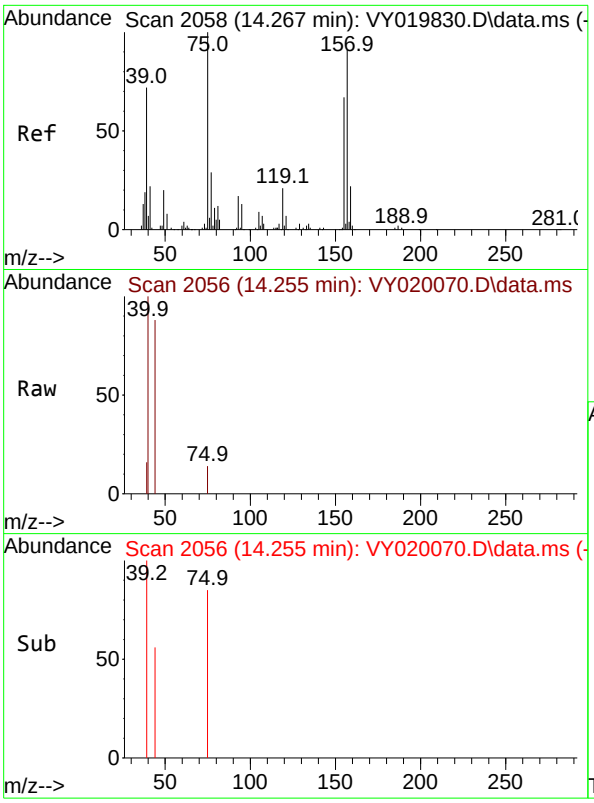


#81
trans-1,4-Dichloro-2-butene
Concen: 183.497 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Tgt Ion: 75 Resp: 3817

Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#





#92
1,2-Dibromo-3-Chloropropane
Concen: 6.554 ug/l
RT: 14.255 min Scan# 2(
Delta R.T. -0.018 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 67

Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.6	145.8#
157	0.0	62.7	188.2#