Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
Data File : VY020992.D
Acq On : 30 Jan 2025 17:42
Operator : SY/MD
Sample : Q1216-05
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 31 04:43:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 02:19:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	10578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	14360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	9100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	1262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	4528	50.276	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.560%			
35) Dibromofluoromethane	7.640	113	4518	52.334	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.660%			
50) Toluene-d8	10.109	98	13231	39.267	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 78.540%			
62) 4-Bromofluorobenzene	12.408	95	1740	15.389	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 30.780%			
Target Compounds						Qvalue
3) Chloromethane	2.074	50	123	2.151	ug/l #	42
5) Bromomethane	2.611	94	306	7.667	ug/l	98
10) Methyl Iodide	4.001	142	189	1.724	ug/l #	1
16) Acetone	3.879	43	50	4.073	ug/l #	39
20) Methylene Chloride	4.610	84	105	1.160	ug/l #	48
36) 1,1-Dichloropropene	7.701	75	752	6.106	ug/l #	41
38) Carbon Tetrachloride	7.707	117	1059	6.948	ug/l #	13
76) 1,2,3-Trichloropropane	12.414	75	990	99.096	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	990	205.706	ug/l #	15

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

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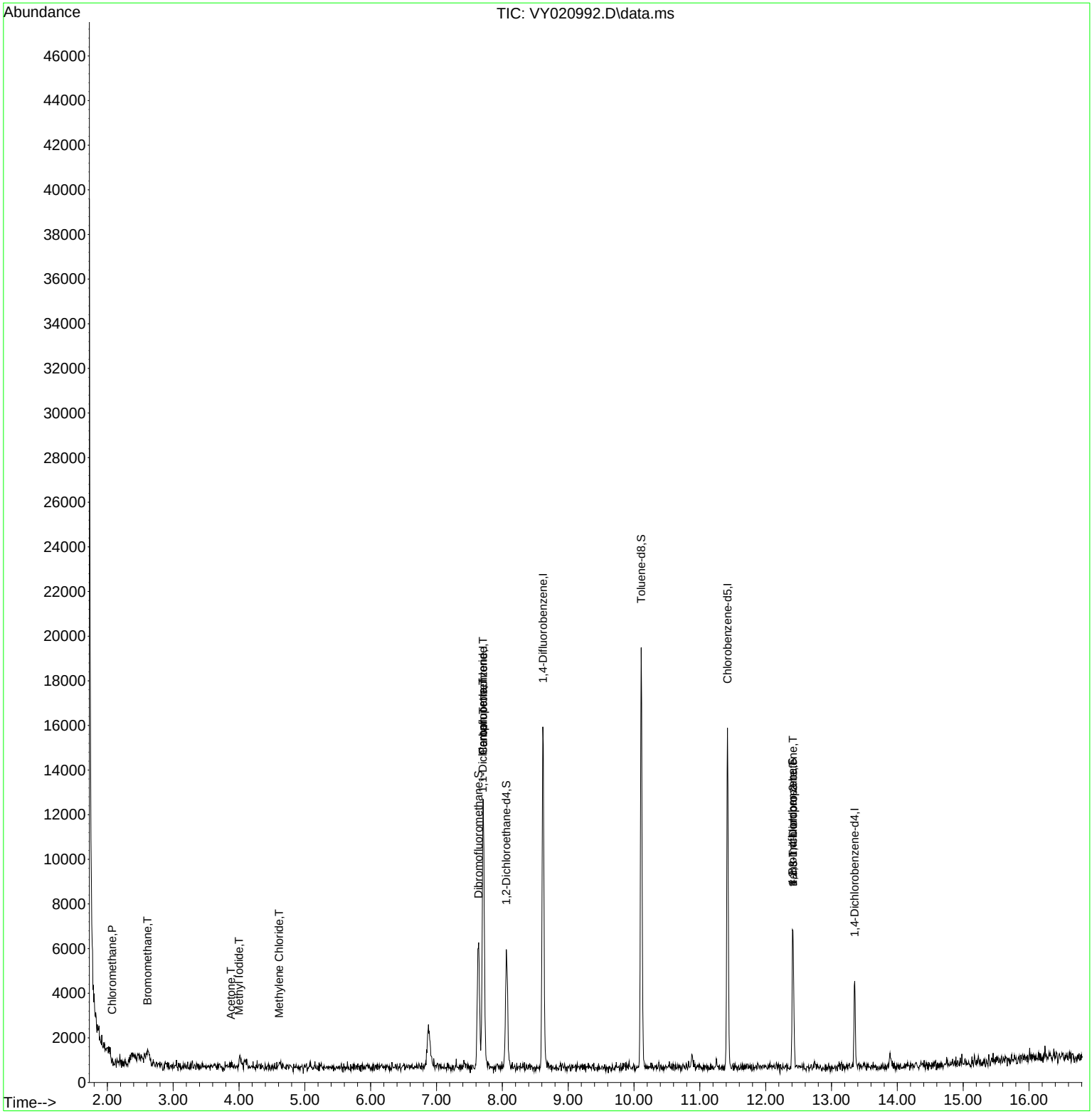
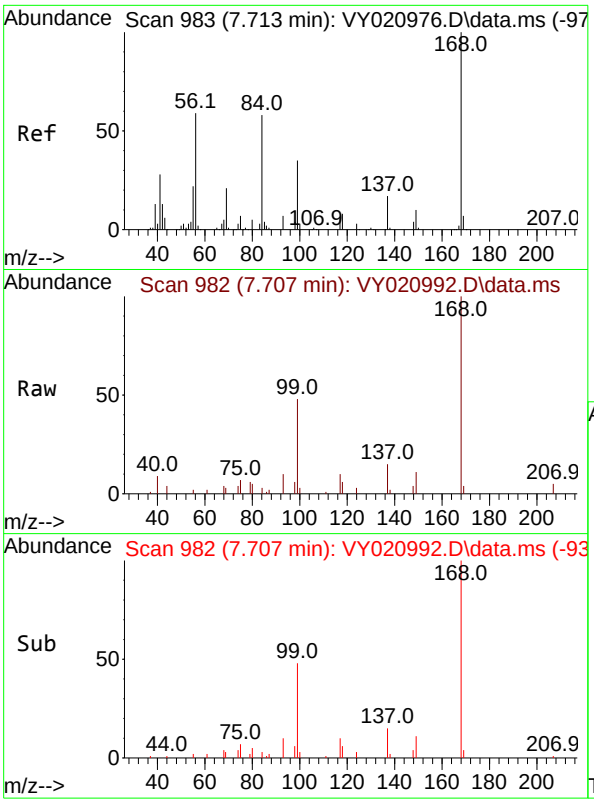


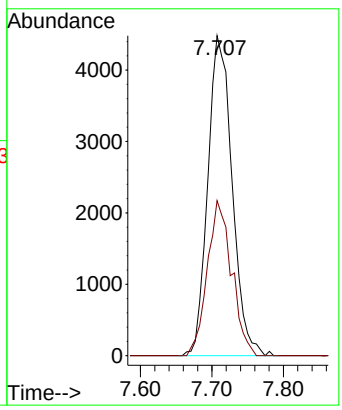


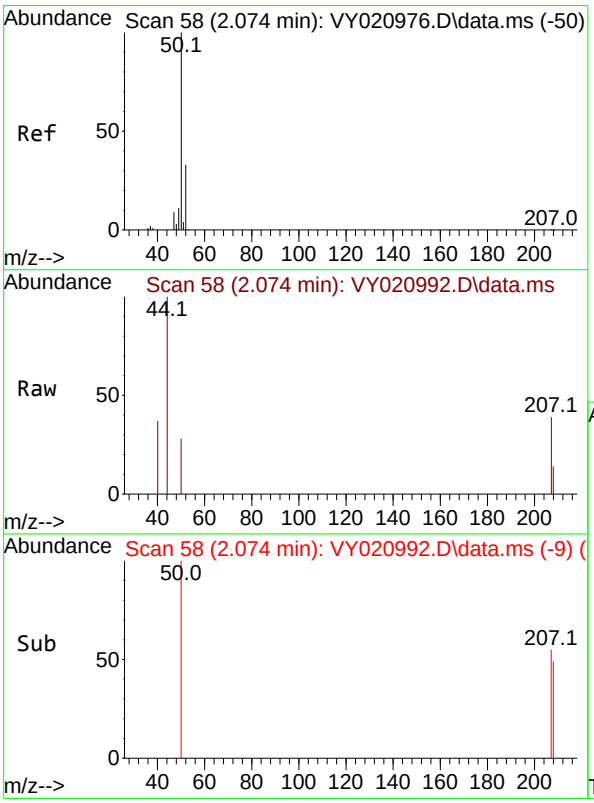
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY020992.D
Acq: 30 Jan 2025 17:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 10578

Ion	Ratio	Lower	Upper
168	100		
99	48.4	42.2	63.2

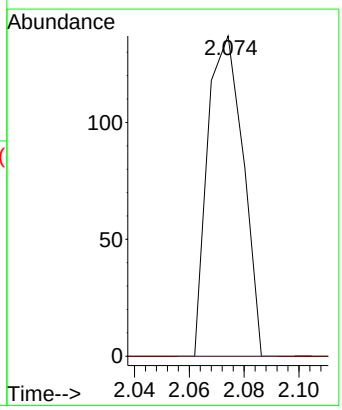


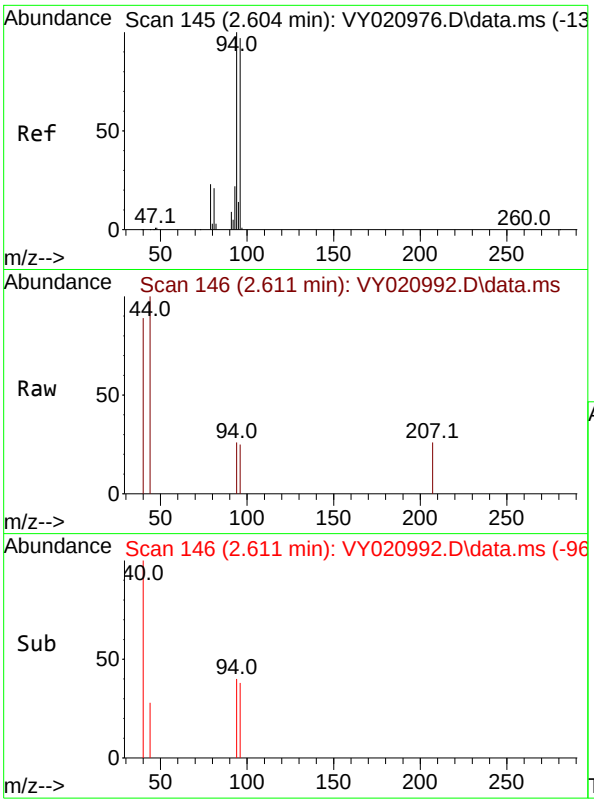


#3
Chloromethane
Concen: 2.151 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY020992.D
Acq: 30 Jan 2025 17:42

Tgt Ion: 50 Resp: 123

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.3	39.5#



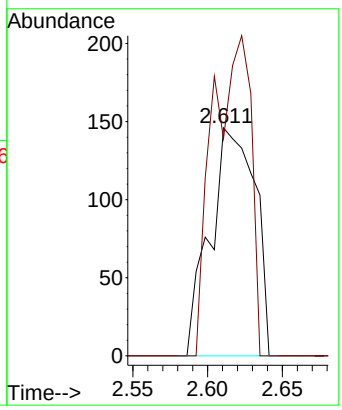


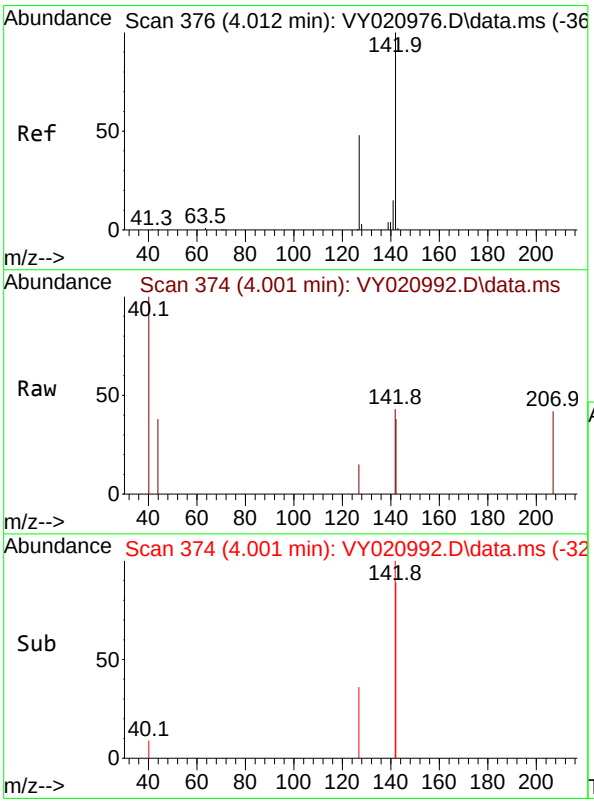
#5
Bromomethane
Concen: 7.667 ug/l
RT: 2.611 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY020992.D
Acq: 30 Jan 2025 17:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 306

Ion	Ratio	Lower	Upper
94	100		
96	95.2	77.4	116.0

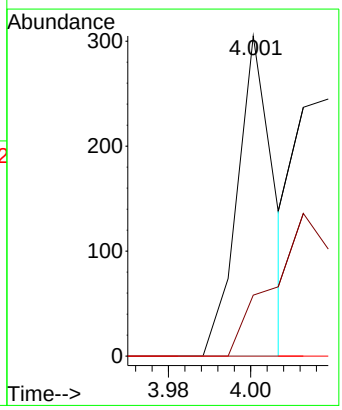


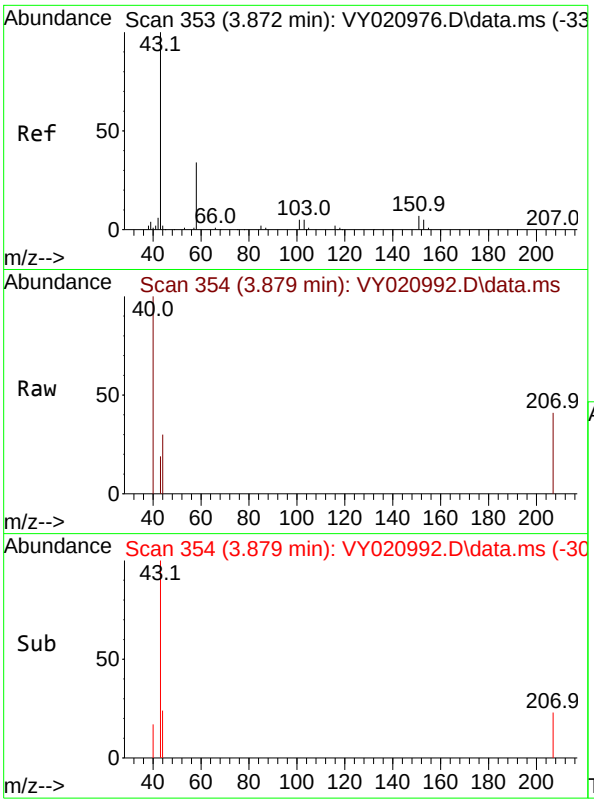


#10
Methyl Iodide
Concen: 1.724 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY020992.D
Acq: 30 Jan 2025 17:42

Tgt Ion:142 Resp: 189

Ion	Ratio	Lower	Upper
142	100		
127	142.3	38.9	58.3#
141	0.0	11.7	17.5#



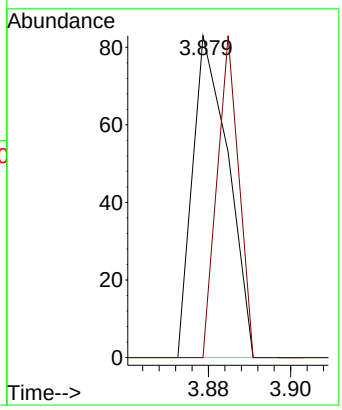


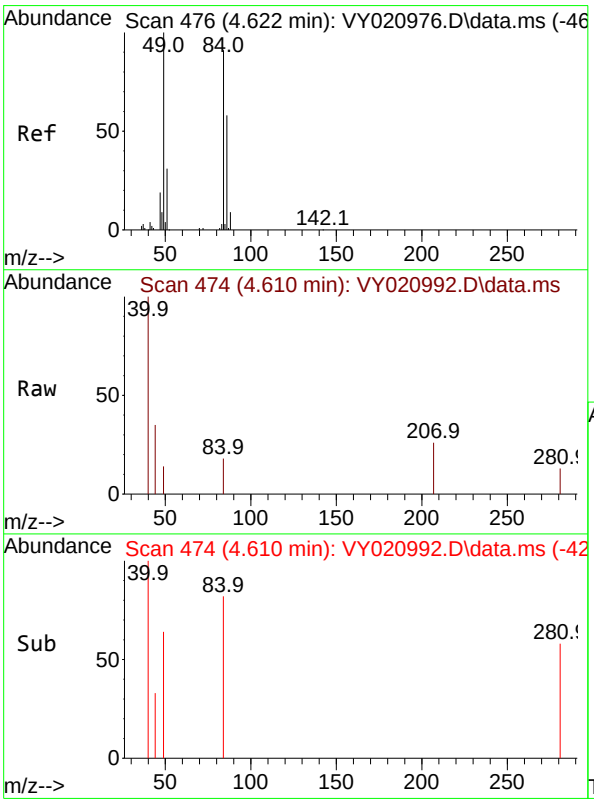
#16
Acetone
Concen: 4.073 ug/l
RT: 3.879 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY020992.D
Acq: 30 Jan 2025 17:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 50

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.4	42.6#

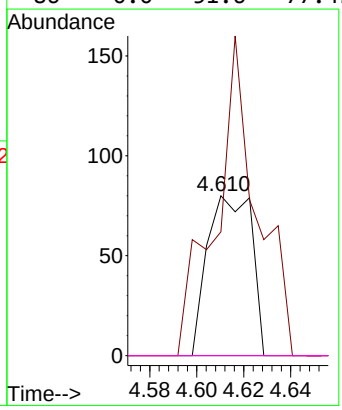


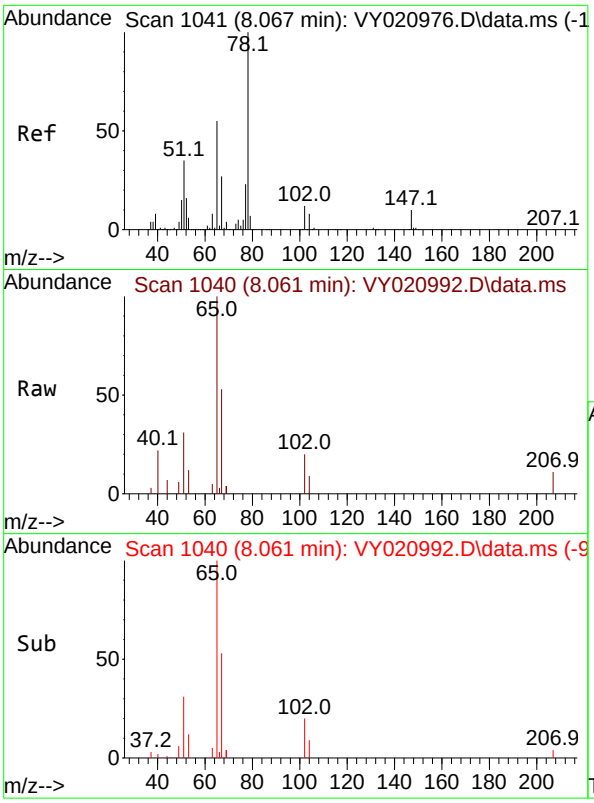


#20
Methylene Chloride
Concen: 1.160 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY020992.D
Acq: 30 Jan 2025 17:42

Tgt Ion: 84 Resp: 105

Ion	Ratio	Lower	Upper
84	100		
49	77.5	88.3	132.5#
51	0.0	27.7	41.5#
86	0.0	51.6	77.4#



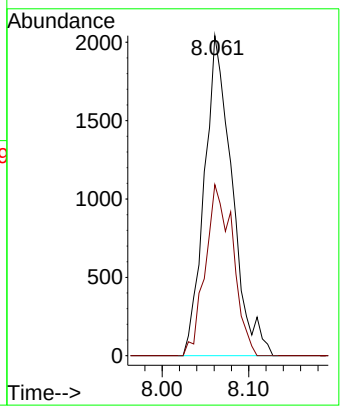


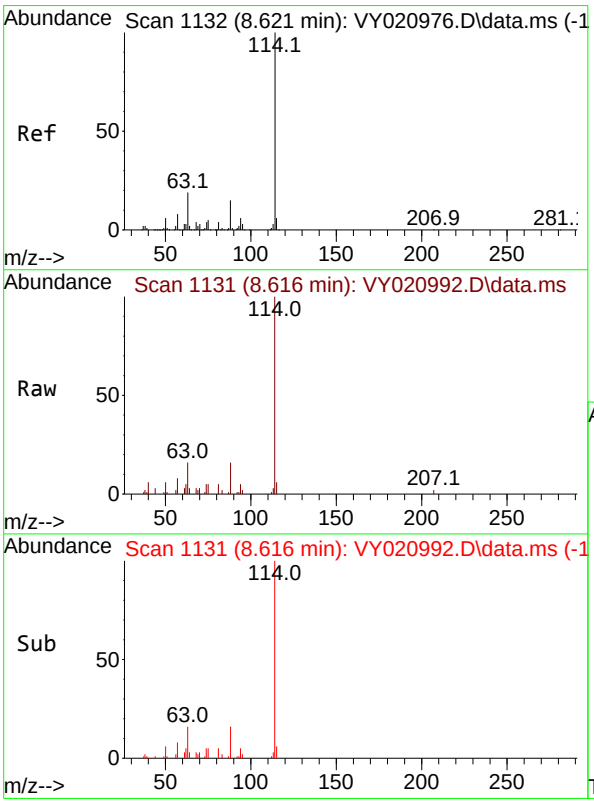
#33
1,2-Dichloroethane-d4
Concen: 50.276 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY020992.D
Acq: 30 Jan 2025 17:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 4528

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	104.4

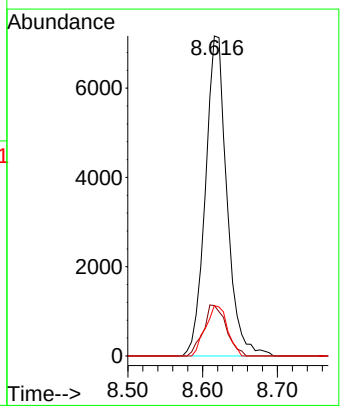


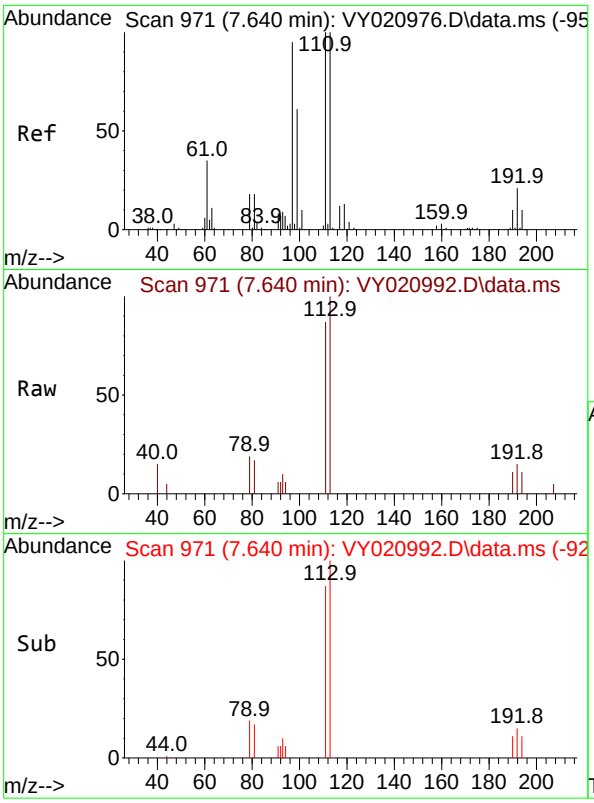


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020992.D
Acq: 30 Jan 2025 17:42

Tgt Ion:114 Resp: 14360

Ion	Ratio	Lower	Upper
114	100		
63	15.8	0.0	37.2
88	15.7	0.0	29.6



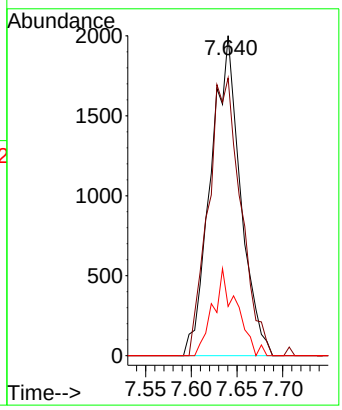


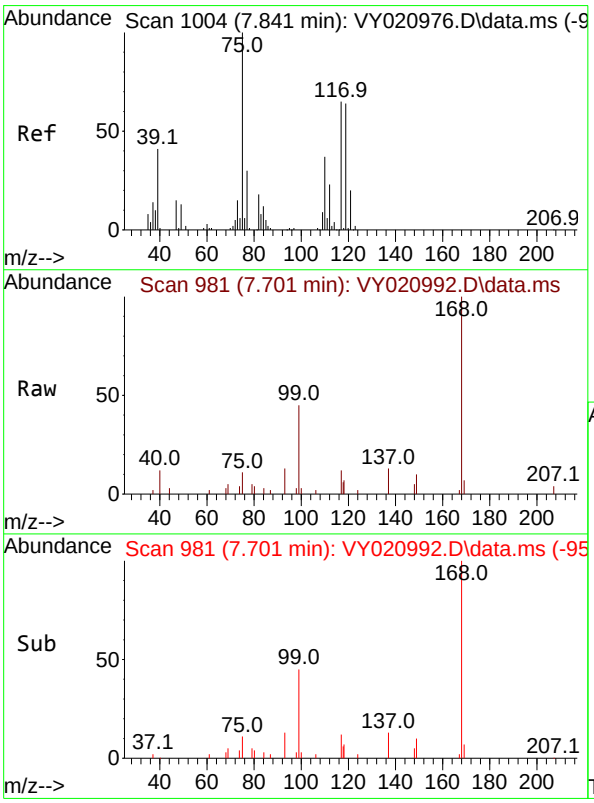
#35
Dibromofluoromethane
Concen: 52.334 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY020992.D
Acq: 30 Jan 2025 17:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 4518

Ion	Ratio	Lower	Upper
113	100		
111	95.2	82.6	123.8
192	21.8	16.8	25.2

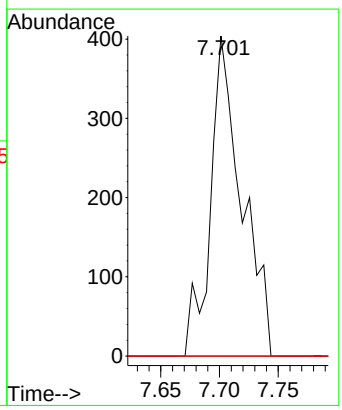


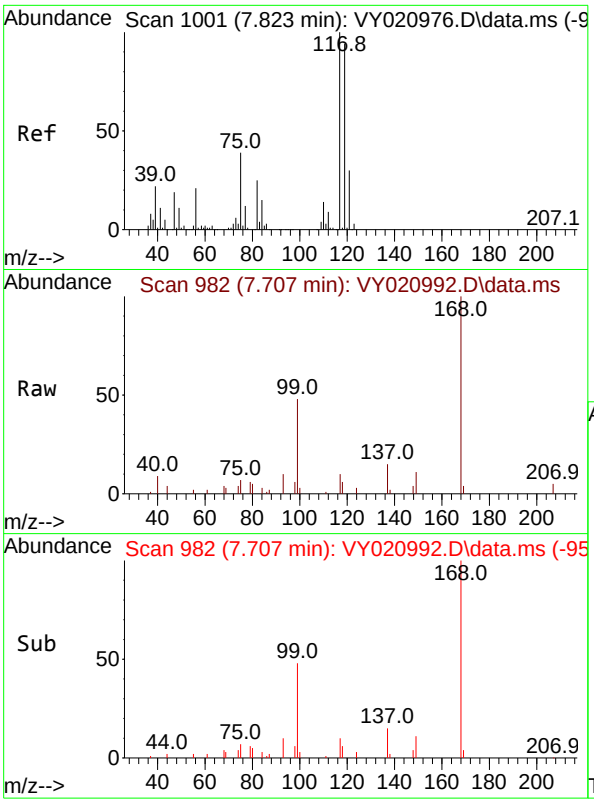


#36
1,1-Dichloropropene
Concen: 6.106 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY020992.D
Acq: 30 Jan 2025 17:42

Tgt Ion: 75 Resp: 752

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.4	55.2#
77	0.0	24.9	37.3#



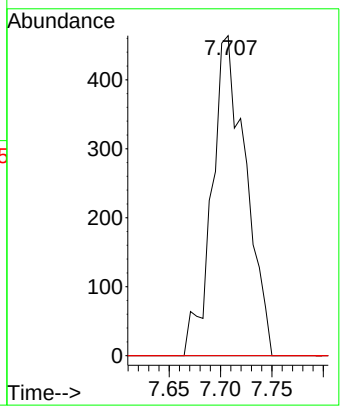


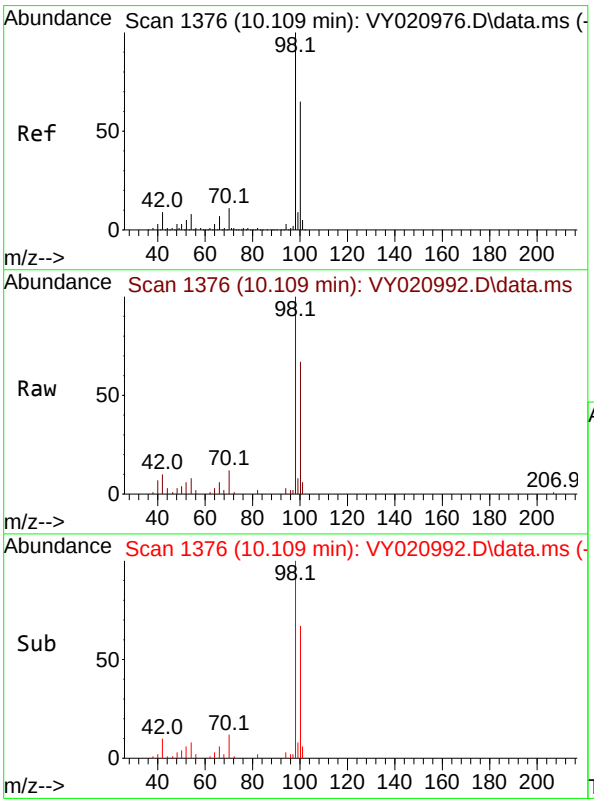
#38
Carbon Tetrachloride
Concen: 6.948 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.115 min
Lab File: VY020992.D
Acq: 30 Jan 2025 17:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 1059

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.0	112.6#
121	0.0	24.2	36.2#

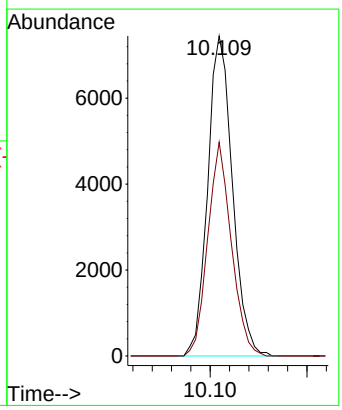


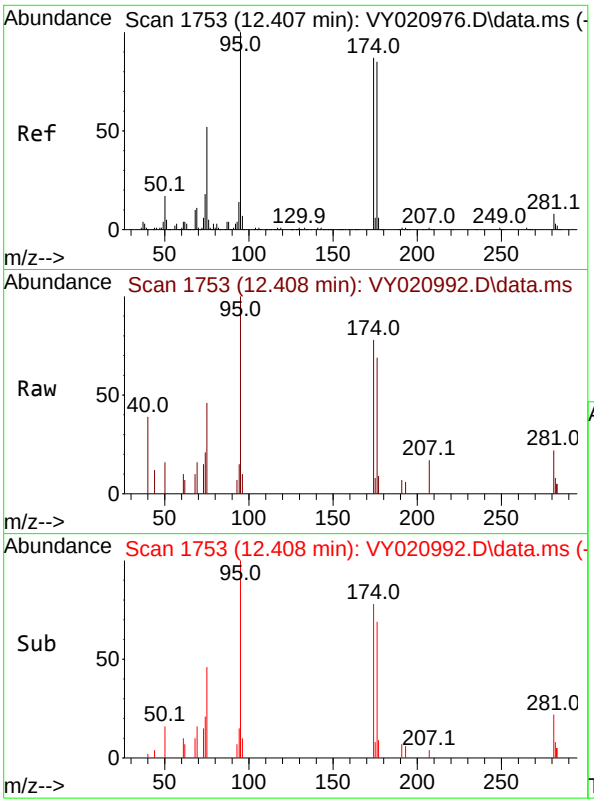


#50
Toluene-d8
Concen: 39.267 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020992.D
Acq: 30 Jan 2025 17:42

Tgt Ion: 98 Resp: 13231

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.6	79.0



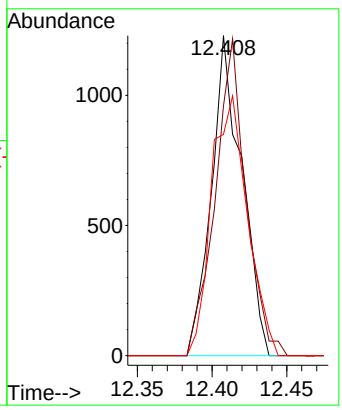


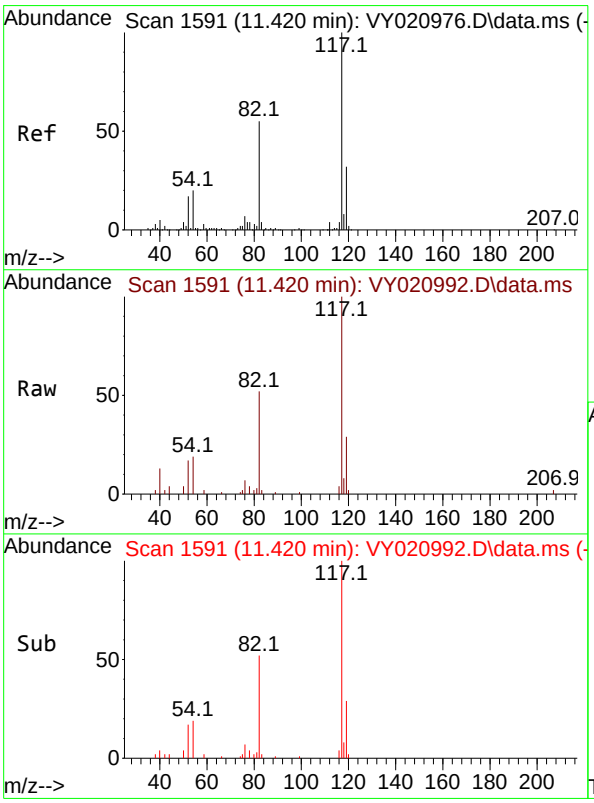
#62
4-Bromofluorobenzene
Concen: 15.389 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020992.D
Acq: 30 Jan 2025 17:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 1740

Ion	Ratio	Lower	Upper
95	100		
174	100.2	0.0	181.2
176	96.0	0.0	175.2

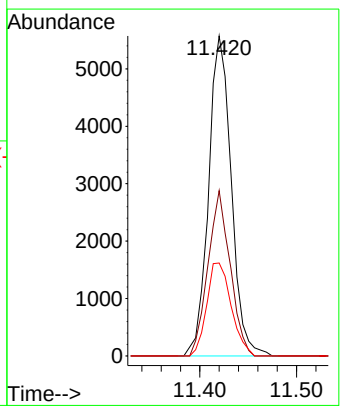


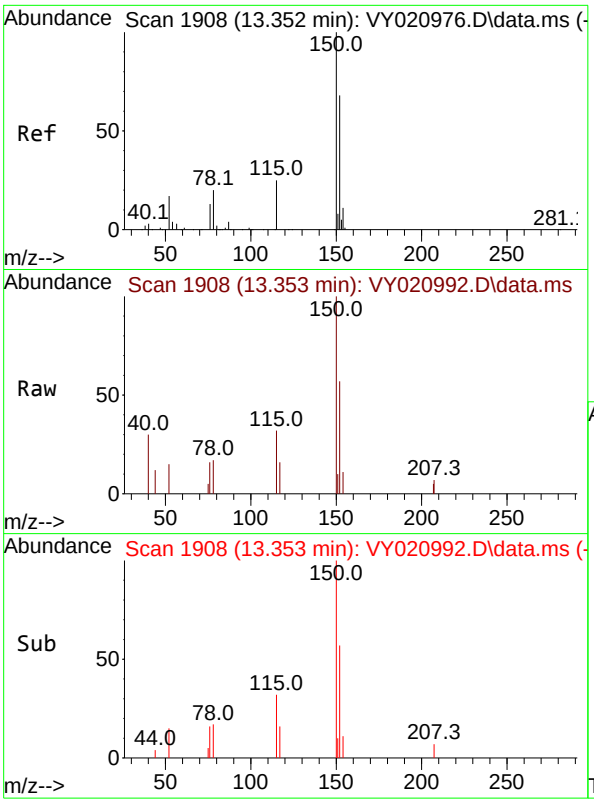


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020992.D
Acq: 30 Jan 2025 17:42

Tgt Ion:117 Resp: 9100

Ion	Ratio	Lower	Upper
117	100		
82	51.7	44.2	66.2
119	29.1	25.9	38.9



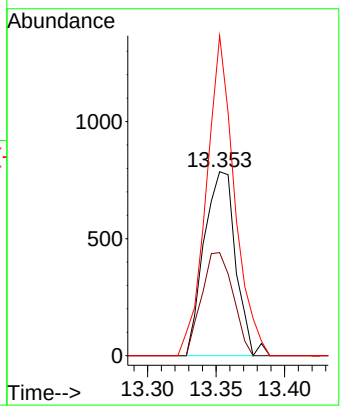


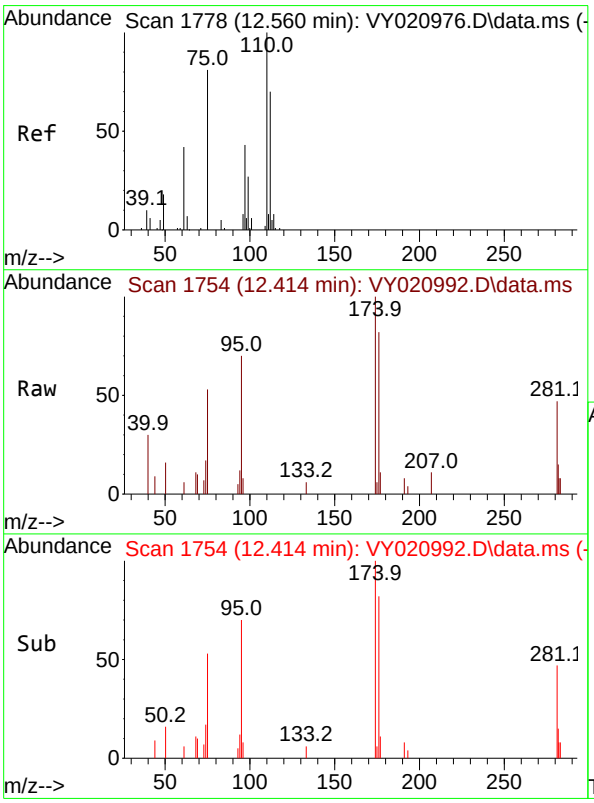
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020992.D
Acq: 30 Jan 2025 17:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 1262

Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.4	85.2
150	154.5	0.0	342.8

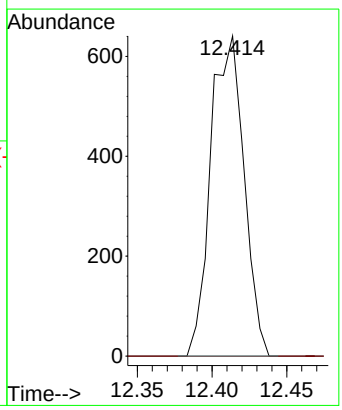


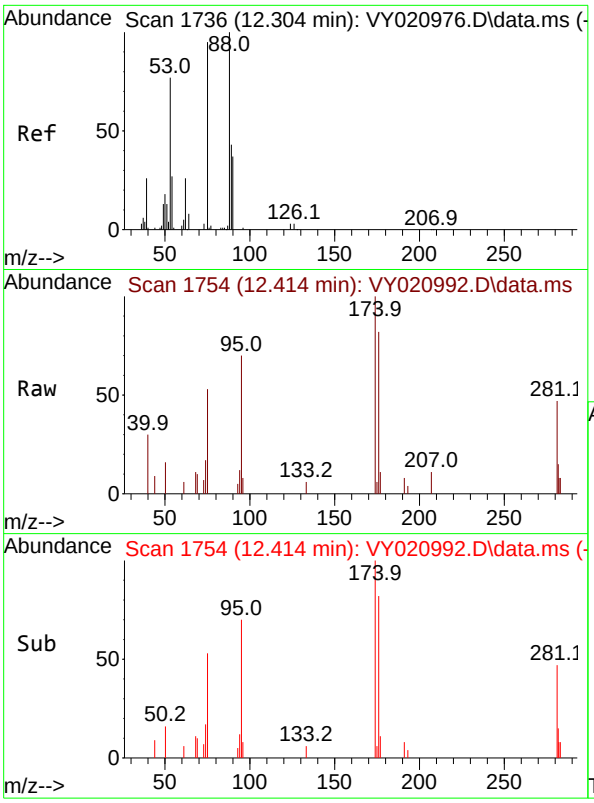


#76
1,2,3-Trichloropropane
Concen: 99.096 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY020992.D
Acq: 30 Jan 2025 17:42

Tgt Ion: 75 Resp: 990

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 205.706 ug/l
RT: 12.414 min Scan# 1
Delta R.T. 0.110 min
Lab File: VY020992.D
Acq: 30 Jan 2025 17:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 990

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.6	103.0#
89	0.0	38.1	57.1#