Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
Data File : VY021009.D
Acq On : 31 Jan 2025 14:59
Operator : SY/MD
Sample : Q1239-04RE
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 31 22:25:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 16:50:06 2025
Response via : Initial Calibration

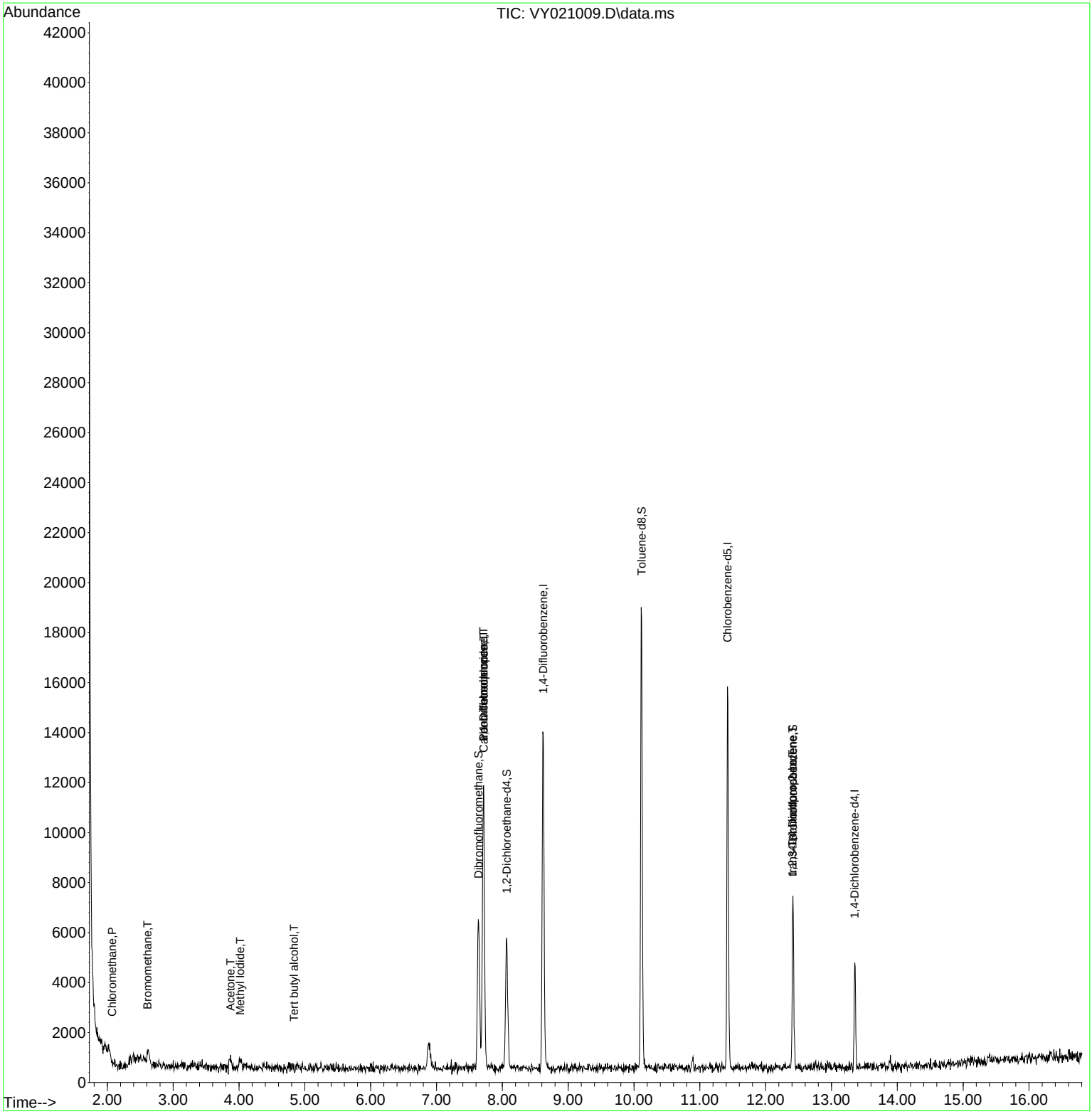
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	9943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	13078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	9108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	1491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	4667	55.129	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.260%			
35) Dibromofluoromethane	7.640	113	4668	59.372	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.740%			
50) Toluene-d8	10.115	98	13519	44.055	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 88.100%			
62) 4-Bromofluorobenzene	12.414	95	2387	23.181	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 46.360%			
Target Compounds						Qvalue
3) Chloromethane	2.074	50	152	2.828	ug/l	93
5) Bromomethane	2.611	94	312	8.316	ug/l #	49
10) Methyl Iodide	4.019	142	380	3.687	ug/l #	79
11) Tert butyl alcohol	4.836	59	20	3.234	ug/l #	73
16) Acetone	3.873	43	709	61.448	ug/l #	81
36) 1,1-Dichloropropene	7.713	75	613	5.465	ug/l #	41
38) Carbon Tetrachloride	7.719	117	915	6.592	ug/l #	13
76) 1,2,3-Trichloropropane	12.408	75	1060	89.807	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	1060	186.423	ug/l #	15

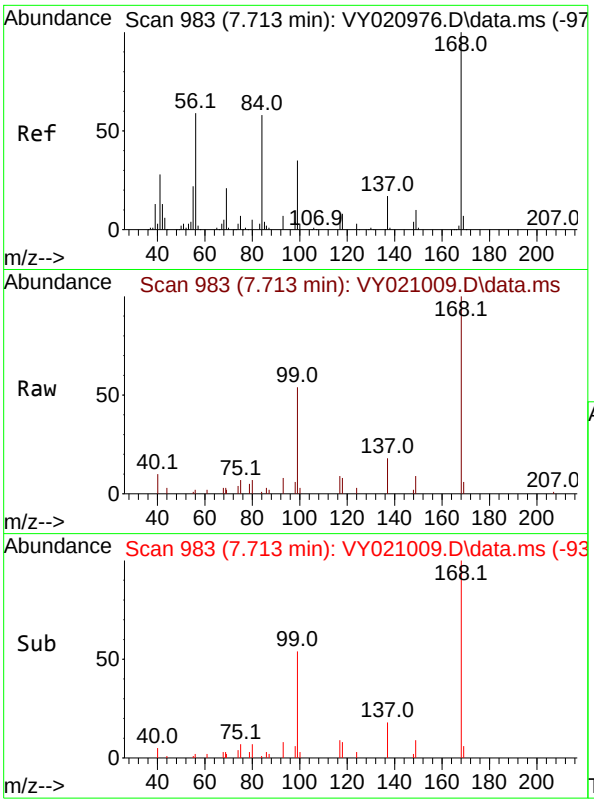
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
Data File : VY021009.D
Acq On : 31 Jan 2025 14:59
Operator : SY/MD
Sample : Q1239-04RE
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 31 22:25:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 16:50:06 2025
Response via : Initial Calibration



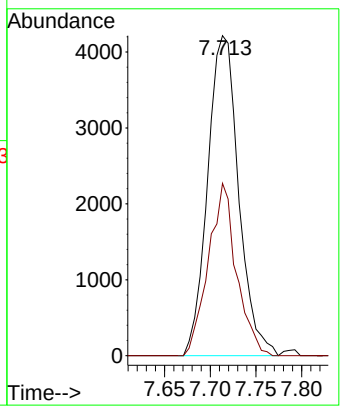


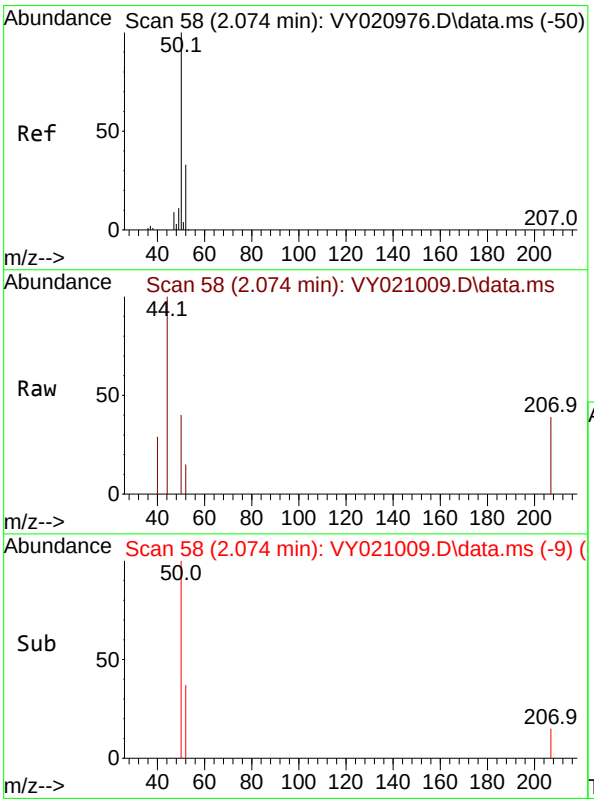
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 9943

Ion	Ratio	Lower	Upper
168	100		
99	53.9	42.2	63.2

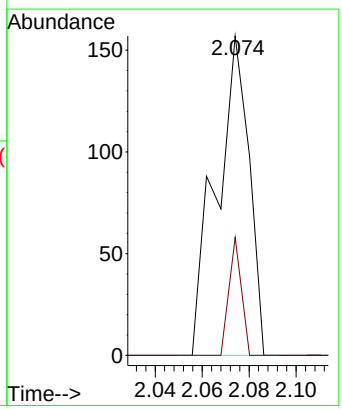


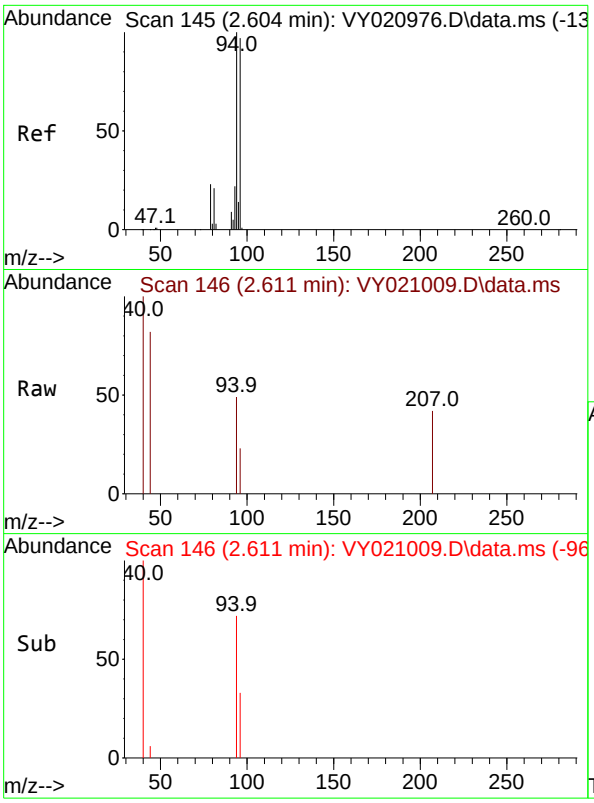


#3
Chloromethane
Concen: 2.828 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

Tgt Ion: 50 Resp: 152

Ion	Ratio	Lower	Upper
50	100		
52	36.9	26.3	39.5



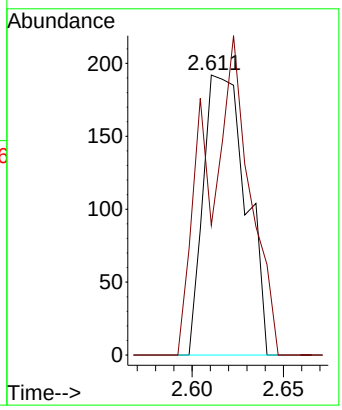


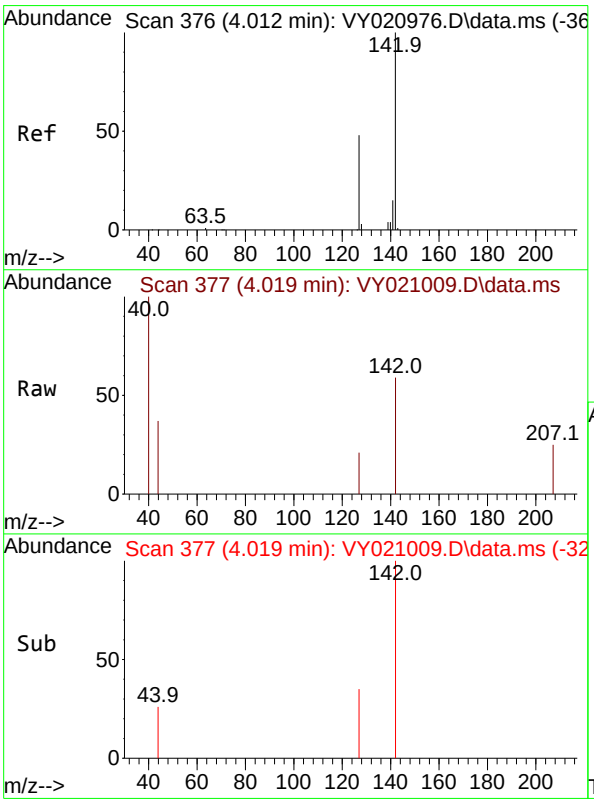
#5
Bromomethane
Concen: 8.316 ug/l
RT: 2.611 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 312

Ion	Ratio	Lower	Upper
94	100		
96	46.4	77.4	116.0#

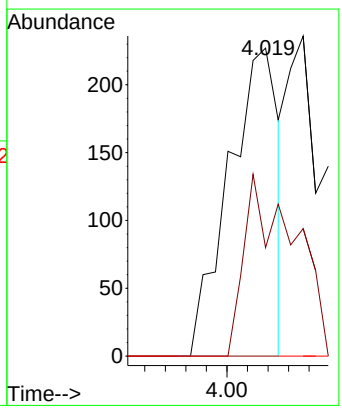


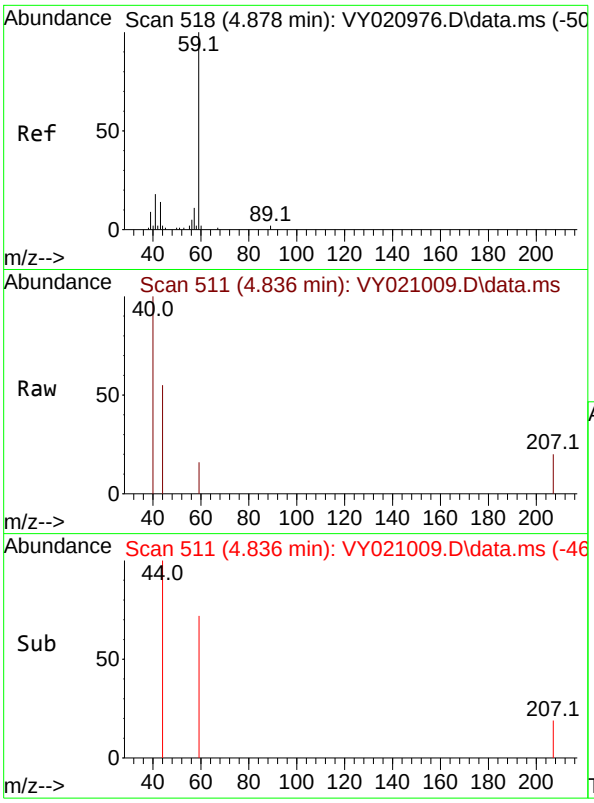


#10
Methyl Iodide
Concen: 3.687 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

Tgt Ion:142 Resp: 380

Ion	Ratio	Lower	Upper
142	100		
127	60.0	38.9	58.3#
141	0.0	11.7	17.5#



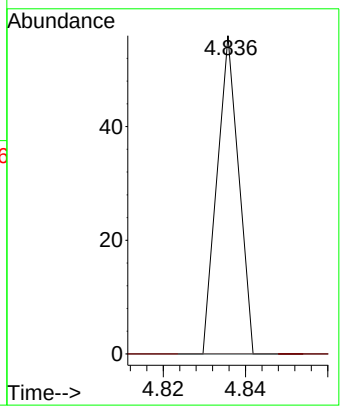


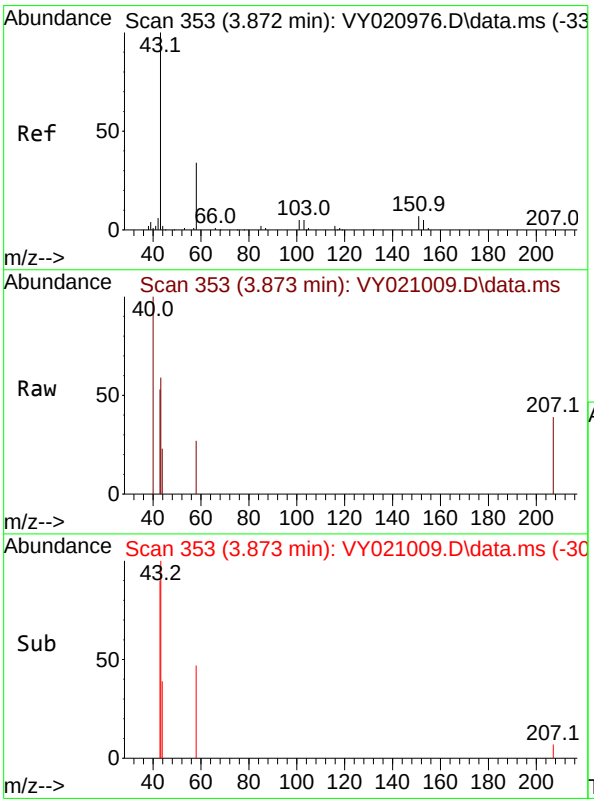
#11
Tert butyl alcohol
Concen: 3.234 ug/l
RT: 4.836 min Scan# 5
Delta R.T. -0.042 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 20

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

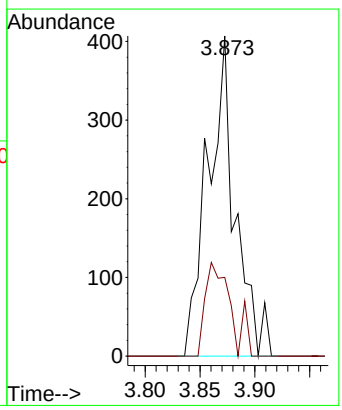


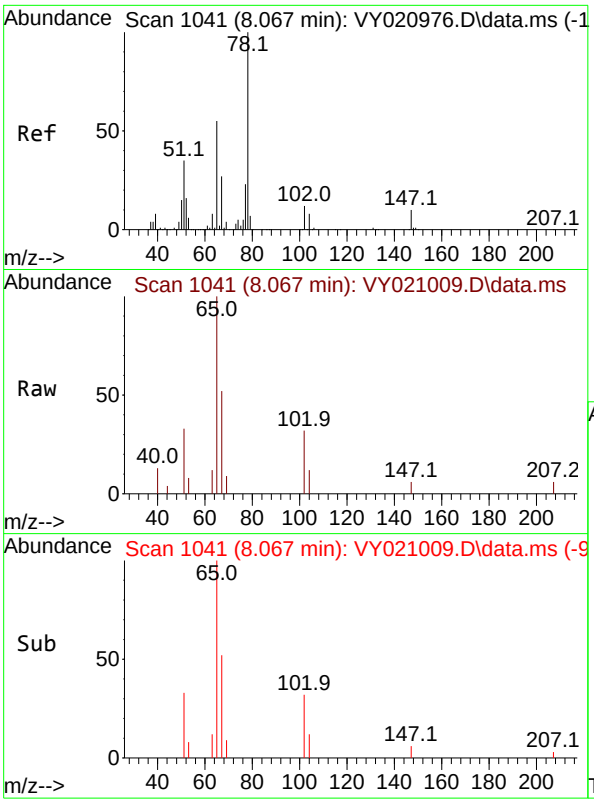


#16
Acetone
Concen: 61.448 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

Tgt Ion: 43 Resp: 709

Ion	Ratio	Lower	Upper
43	100		
58	24.6	28.4	42.6#



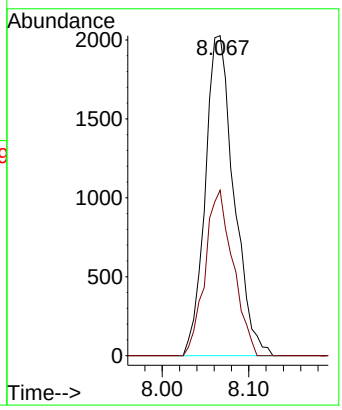


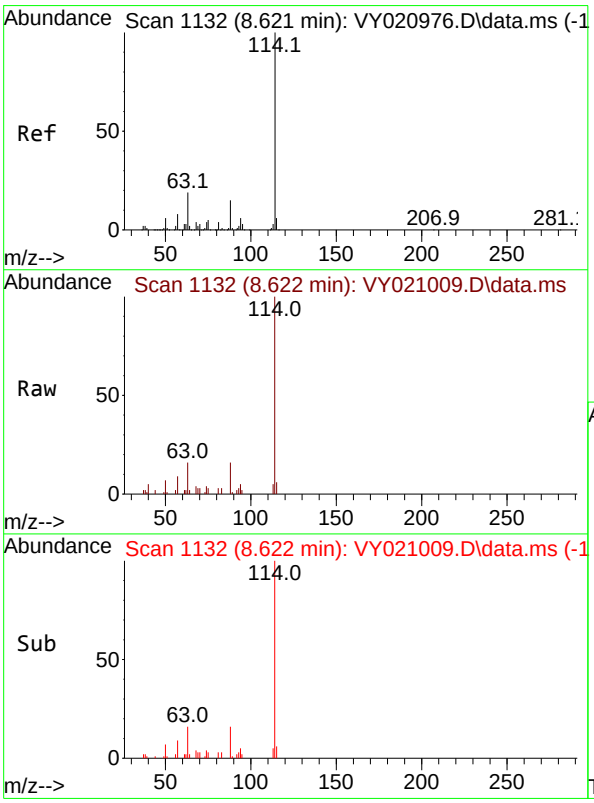
#33
1,2-Dichloroethane-d4
Concen: 55.129 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 4667

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	104.4

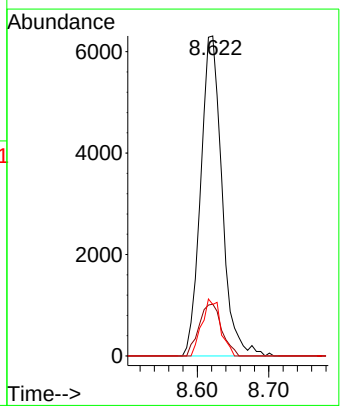


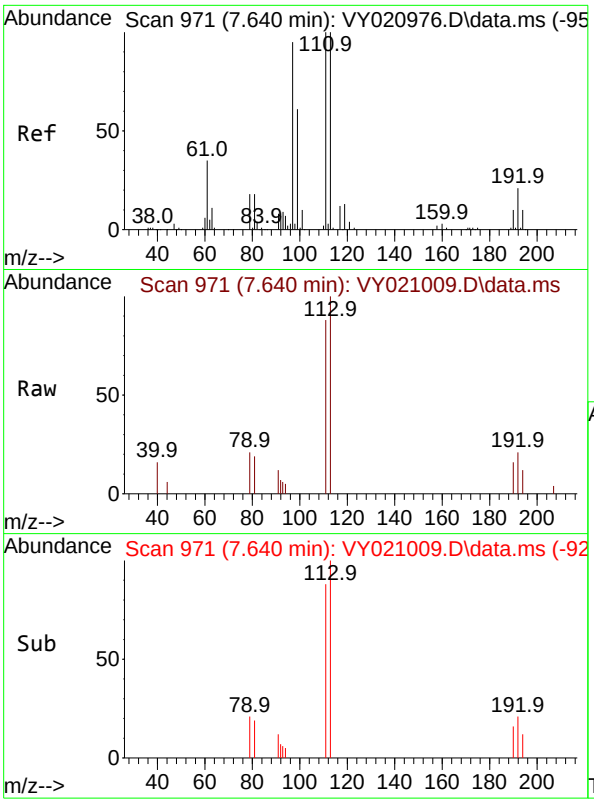


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

Tgt Ion:114 Resp: 13078

Ion	Ratio	Lower	Upper
114	100		
63	16.2	0.0	37.2
88	16.1	0.0	29.6



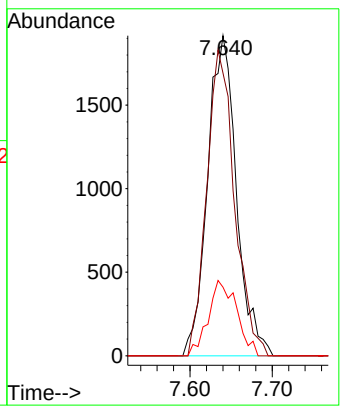


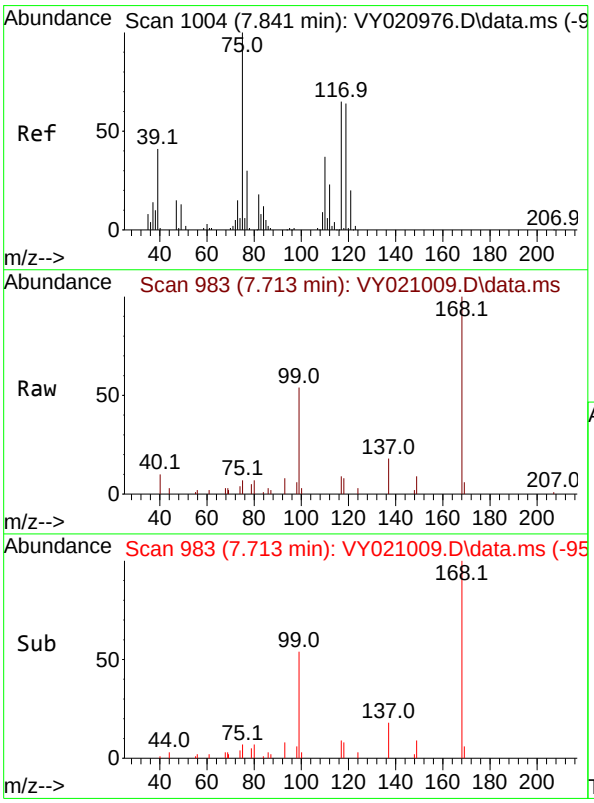
#35
Dibromofluoromethane
Concen: 59.372 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 4668

Ion	Ratio	Lower	Upper
113	100		
111	92.3	82.6	123.8
192	23.1	16.8	25.2

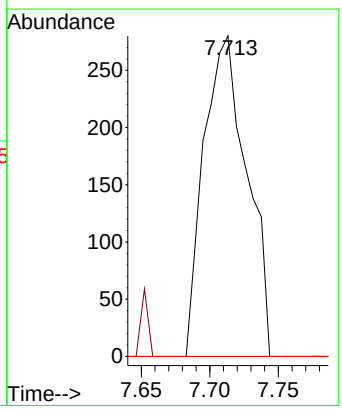


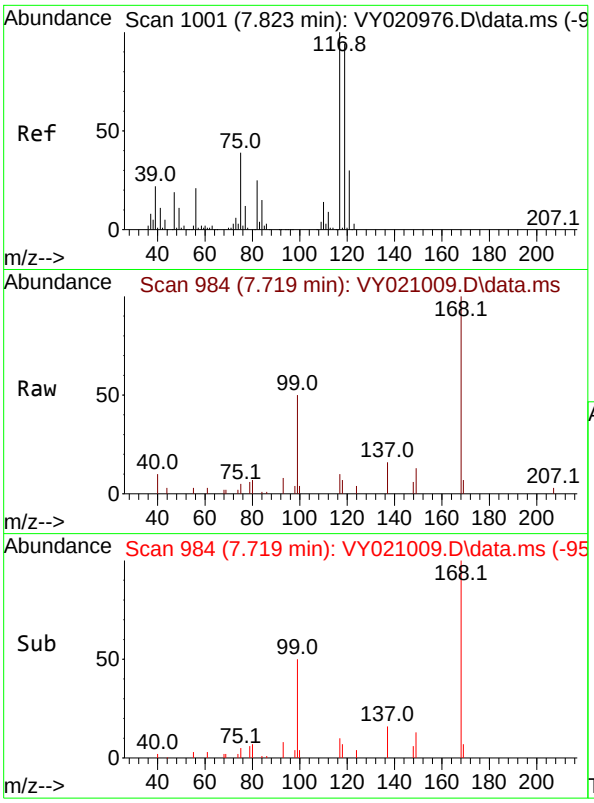


#36
1,1-Dichloropropene
Concen: 5.465 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

Tgt Ion: 75 Resp: 613

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



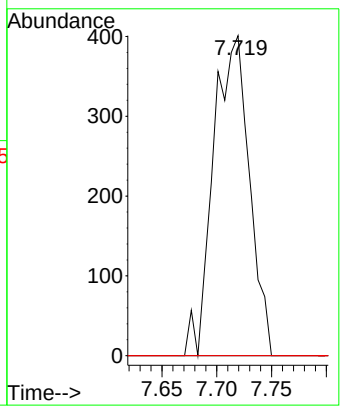


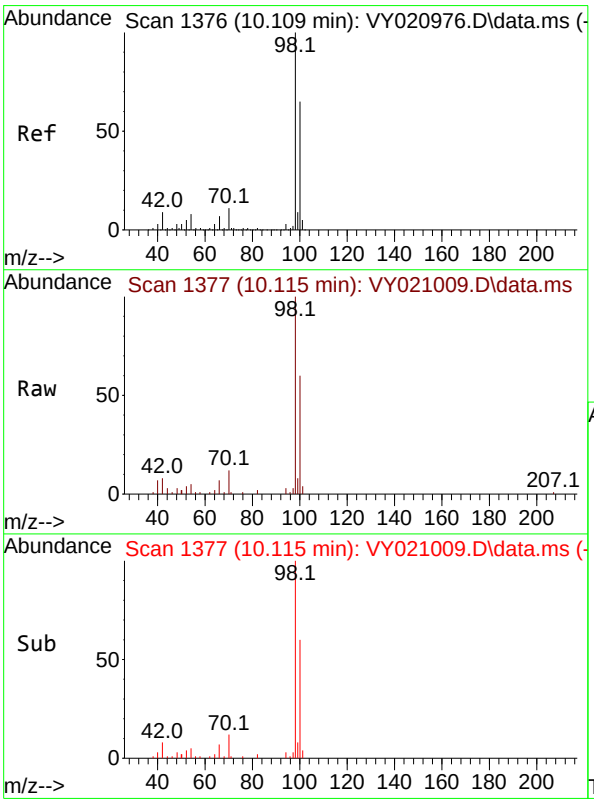
#38
Carbon Tetrachloride
Concen: 6.592 ug/l
RT: 7.719 min Scan# 9
Delta R.T. -0.103 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 915

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

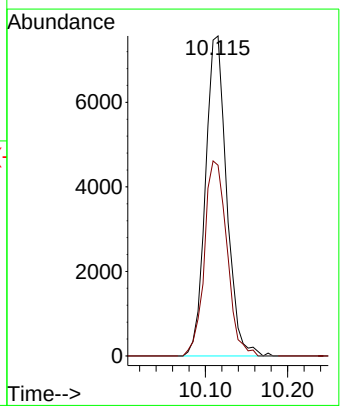


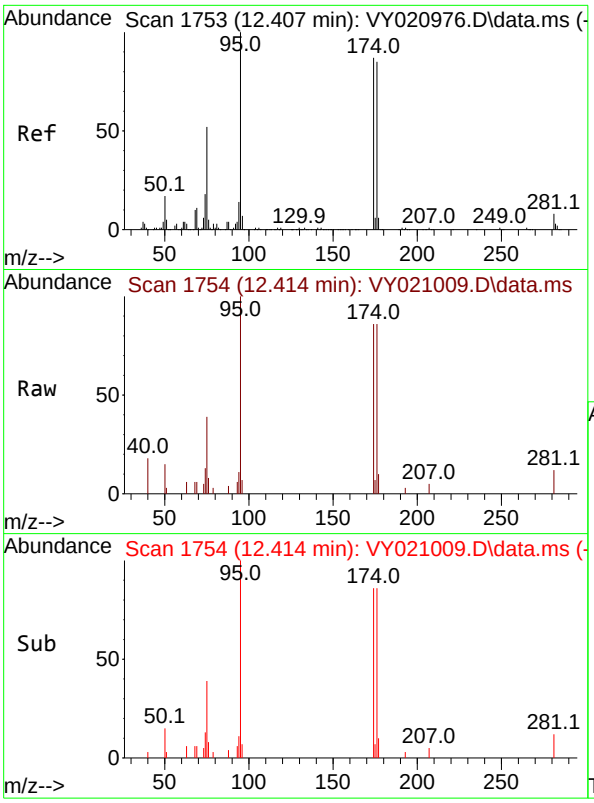


#50
Toluene-d8
Concen: 44.055 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

Tgt Ion: 98 Resp: 13519

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	79.0



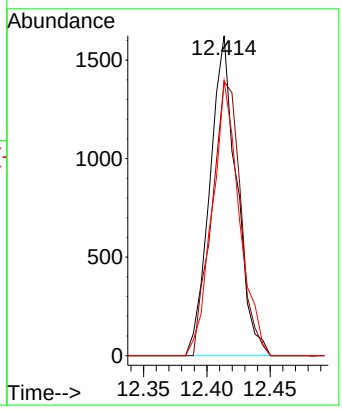


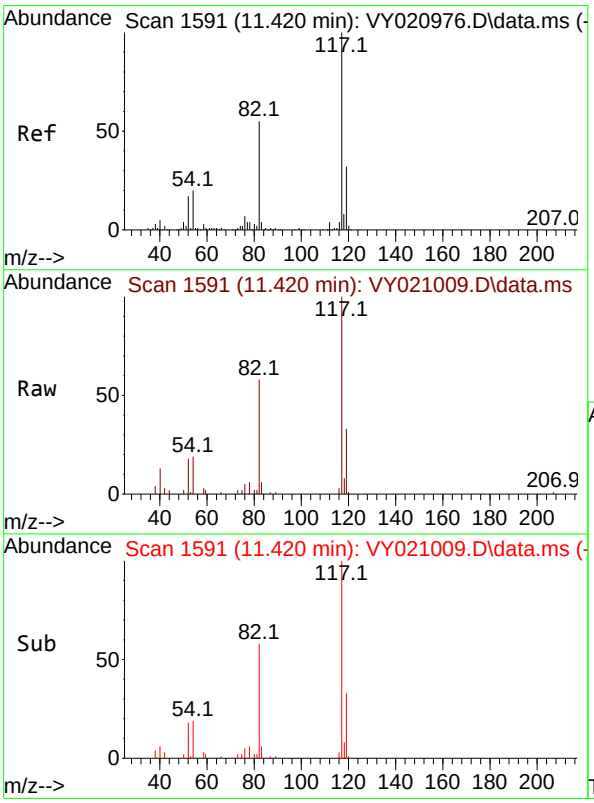
#62
4-Bromofluorobenzene
Concen: 23.181 ug/l
RT: 12.414 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 2387

Ion	Ratio	Lower	Upper
95	100		
174	91.9	0.0	181.2
176	87.1	0.0	175.2

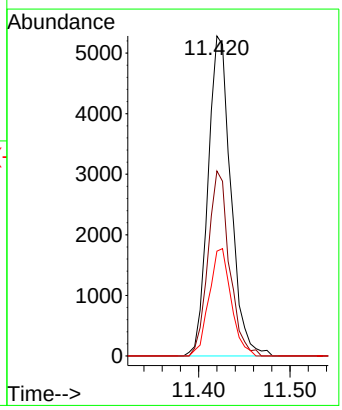


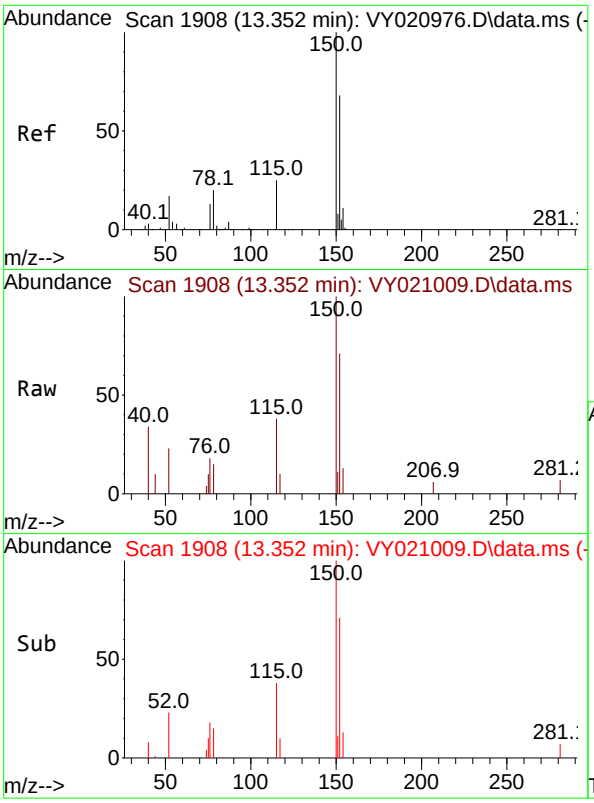


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

Tgt Ion:117 Resp: 9108

Ion	Ratio	Lower	Upper
117	100		
82	57.8	44.2	66.2
119	32.7	25.9	38.9



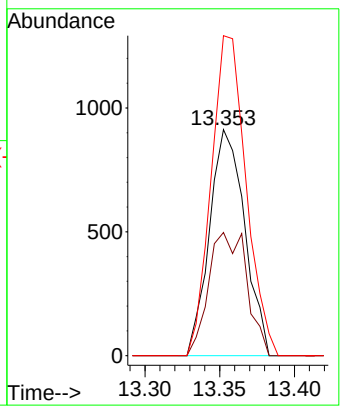


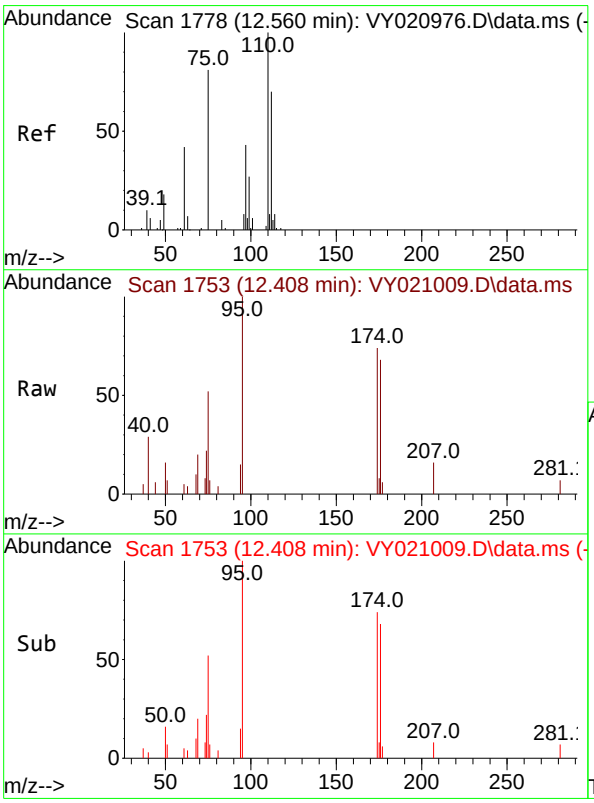
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 1491

Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.4	85.2
150	140.8	0.0	342.8

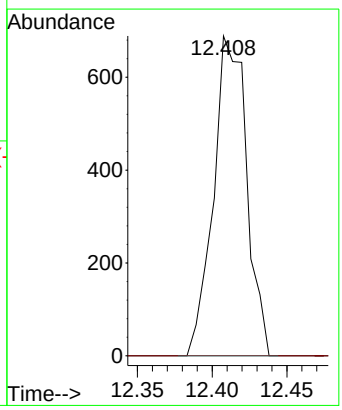


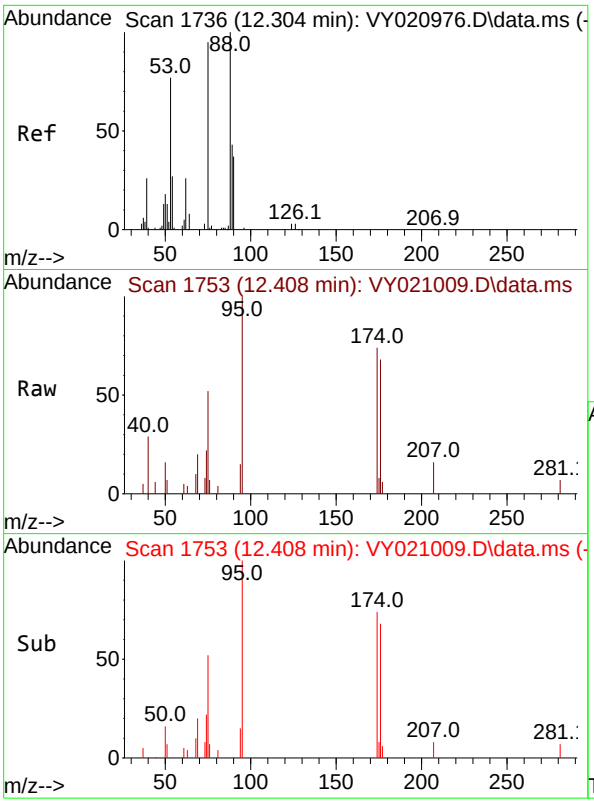


#76
1,2,3-Trichloropropane
Concen: 89.807 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

Tgt Ion: 75 Resp: 1060

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 186.423 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1060

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