Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
Data File : VY020907.D
Acq On : 23 Jan 2025 10:12
Operator : SY/MD
Sample : VY0122SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 24 00:15:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 2025
Response via : Initial Calibration

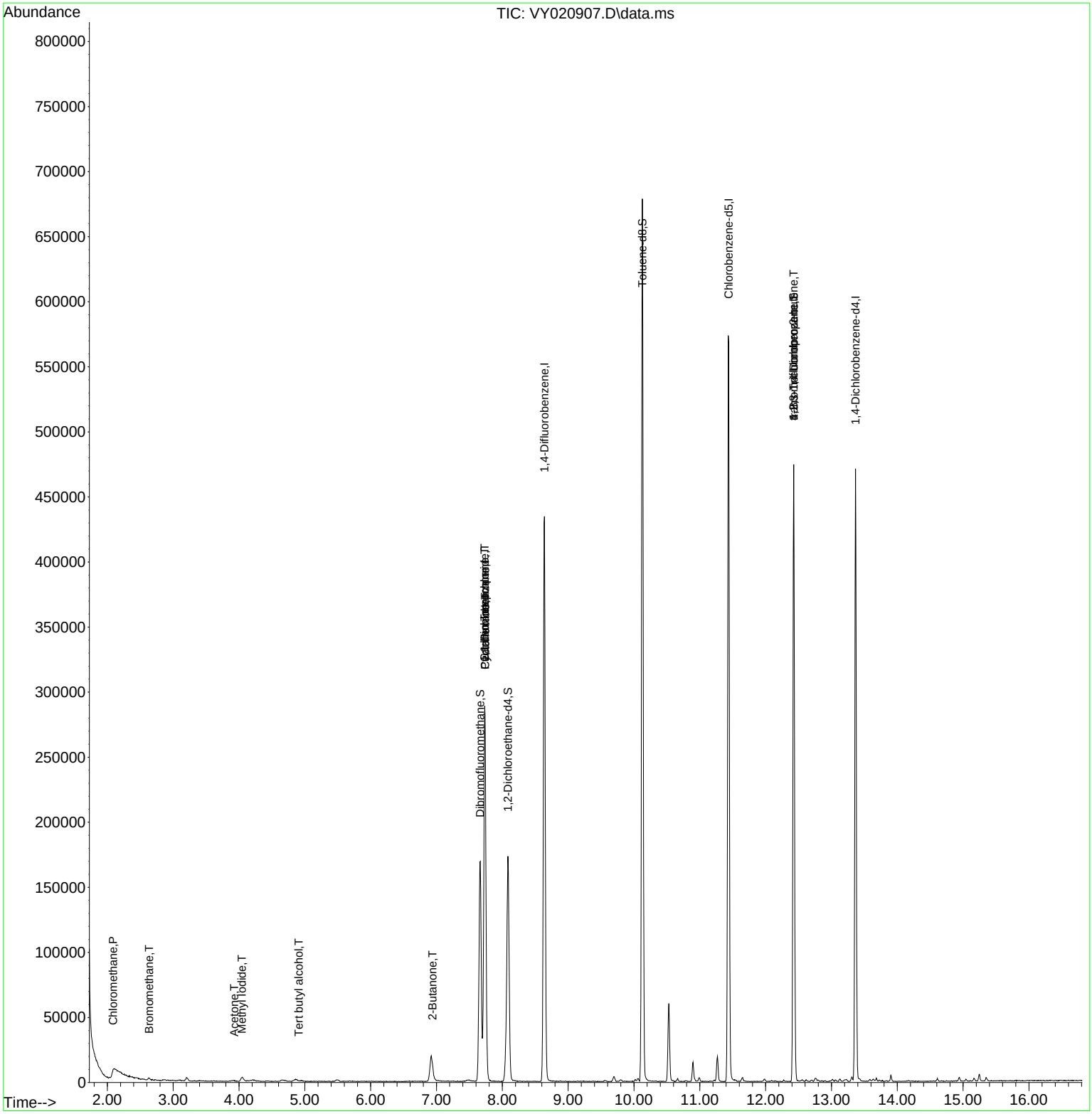
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.738	168	236656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.640	114	386599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.438	117	335125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	126911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.085	65	129454	64.357	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.720%			
35) Dibromofluoromethane	7.665	113	125518	51.824	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.640%			
50) Toluene-d8	10.128	98	448501	53.120	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.240%			
62) 4-Bromofluorobenzene	12.426	95	140173	44.957	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 89.920%			
Target Compounds						Qvalue
3) Chloromethane	2.086	50	1031	1.127	ug/l #	77
5) Bromomethane	2.635	94	968	1.337	ug/l #	79
10) Methyl Iodide	4.043	142	5566	2.465	ug/l	98
11) Tert butyl alcohol	4.909	59	414	2.724	ug/l #	73
16) Acetone	3.928	43	1222	4.272	ug/l	92
25) 2-Butanone	6.939	43	1221	2.599	ug/l #	45
31) Cyclohexane	7.738	56	3904	1.334	ug/l #	1
36) 1,1-Dichloropropene	7.732	75	16411	5.312	ug/l #	49
38) Carbon Tetrachloride	7.732	117	22444	5.219	ug/l #	16
76) 1,2,3-Trichloropropane	12.426	75	69901	62.949	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.426	75	69901	132.729	ug/l #	14

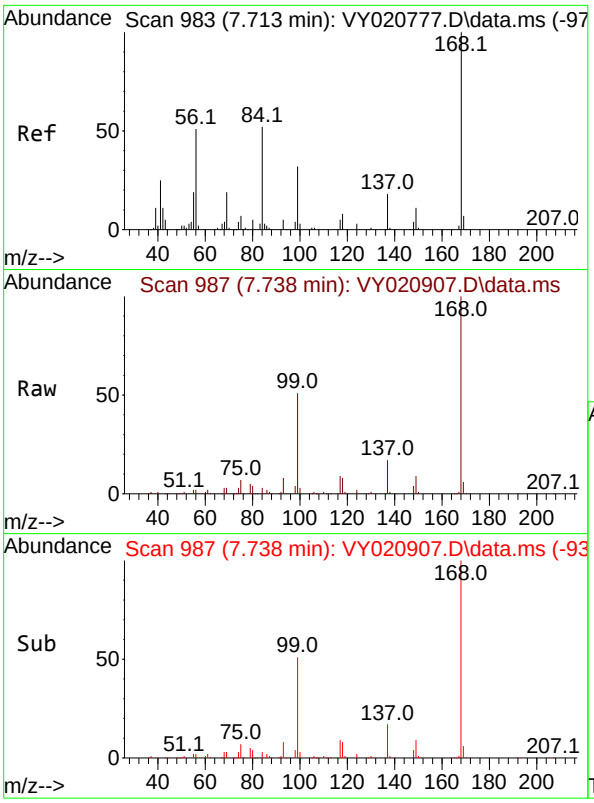
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
Data File : VY020907.D
Acq On : 23 Jan 2025 10:12
Operator : SY/MD
Sample : VY0122SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 24 00:15:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 2025
Response via : Initial Calibration



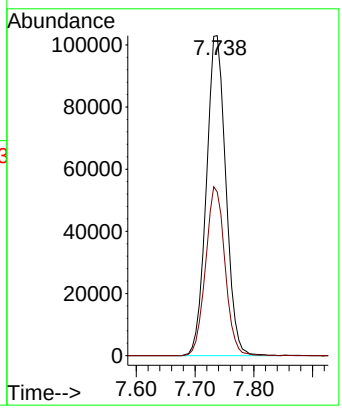


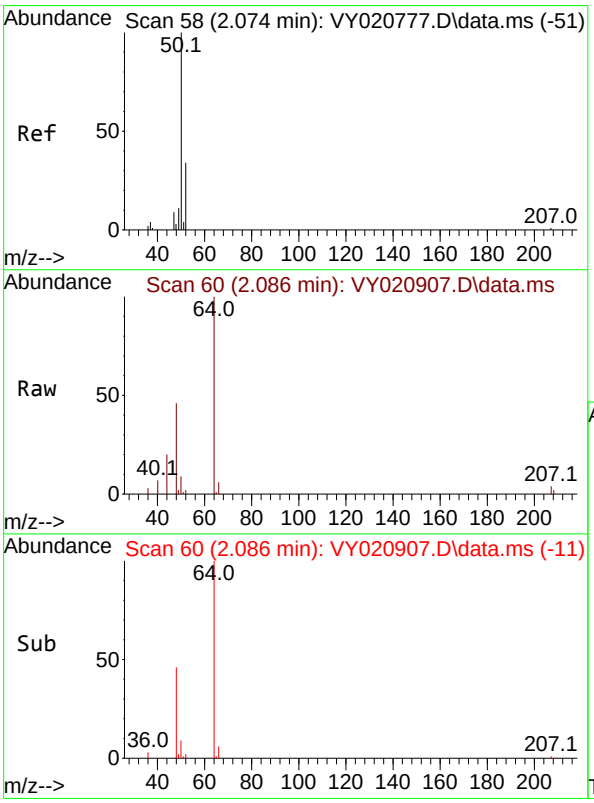
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.738 min Scan# 9
Delta R.T. 0.001 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 236656

Ion	Ratio	Lower	Upper
168	100		
99	51.2	44.3	66.5

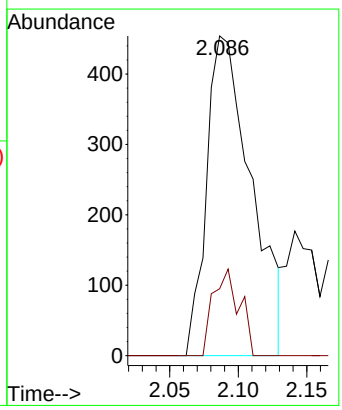


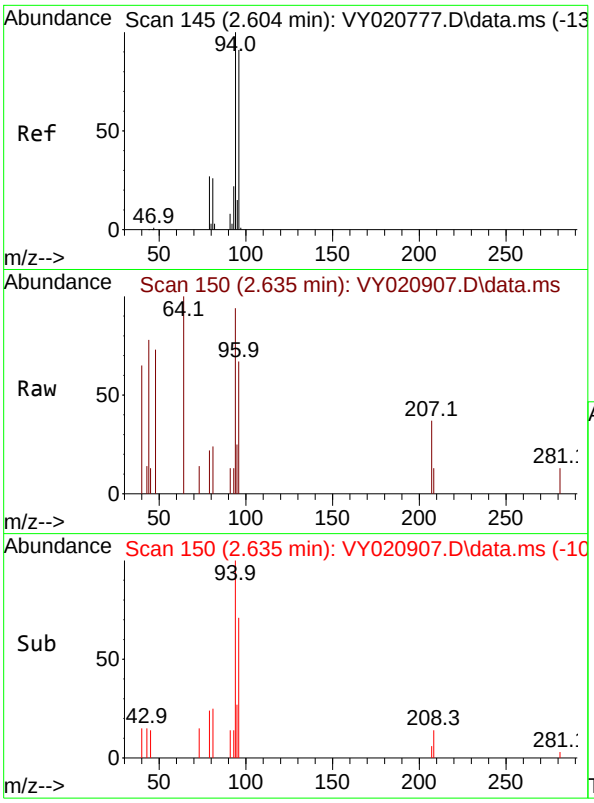


#3
Chloromethane
Concen: 1.127 ug/l
RT: 2.086 min Scan# 60
Delta R.T. 0.000 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

Tgt Ion: 50 Resp: 1031

Ion	Ratio	Lower	Upper
50	100		
52	20.9	27.3	40.9#



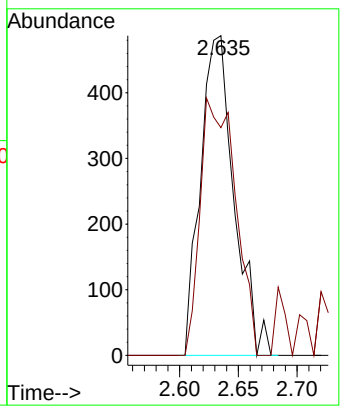


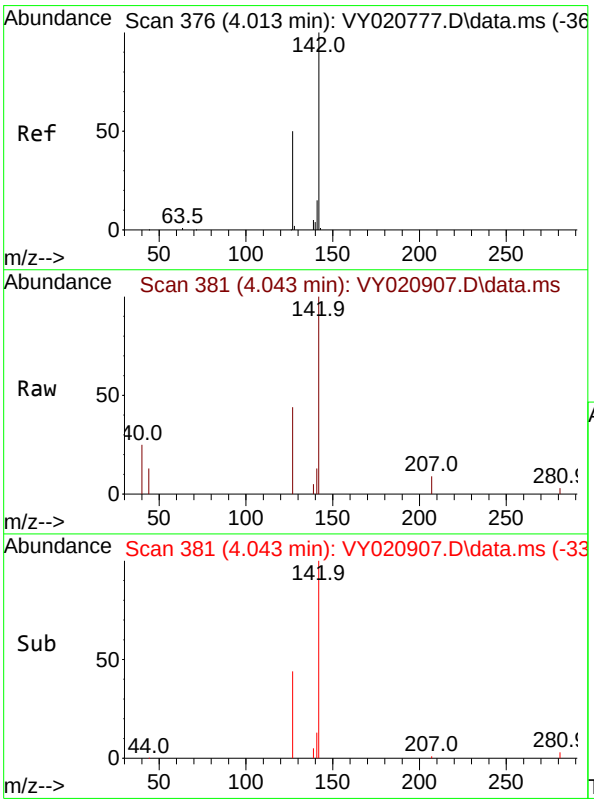
#5
Bromomethane
Concen: 1.337 ug/l
RT: 2.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 968

Ion	Ratio	Lower	Upper
94	100		
96	71.3	72.6	109.0#

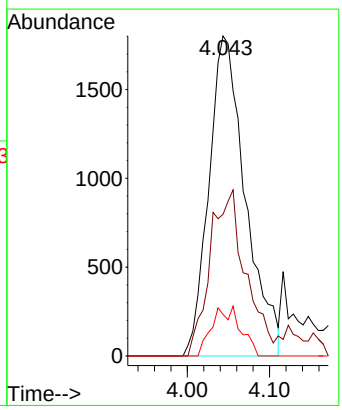


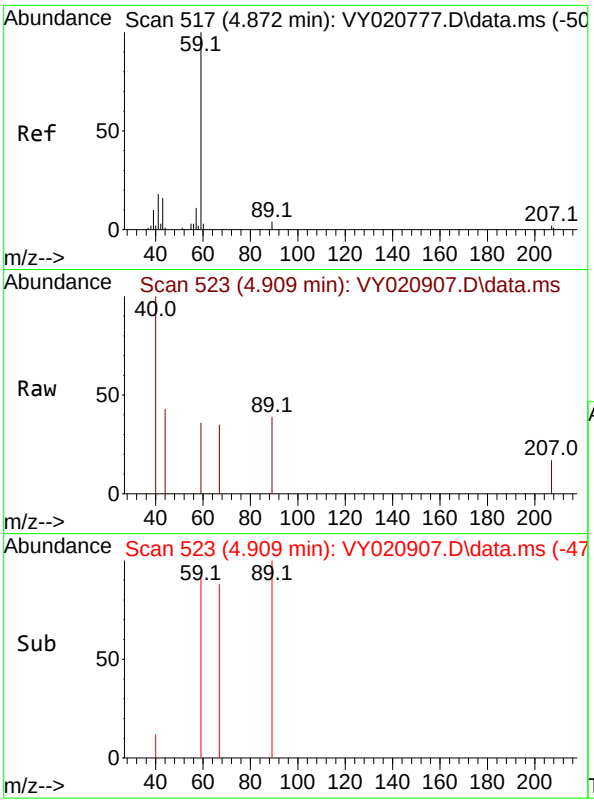


#10
Methyl Iodide
Concen: 2.465 ug/l
RT: 4.043 min Scan# 381
Delta R.T. 0.000 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

Tgt Ion:142 Resp: 5566

Ion	Ratio	Lower	Upper
142	100		
127	50.5	41.0	61.6
141	12.0	11.6	17.4



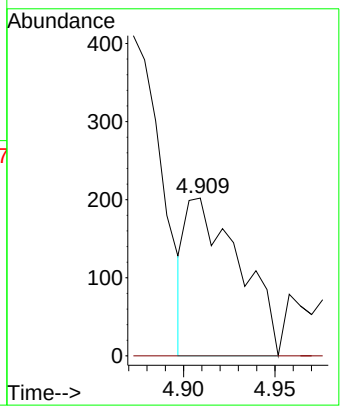


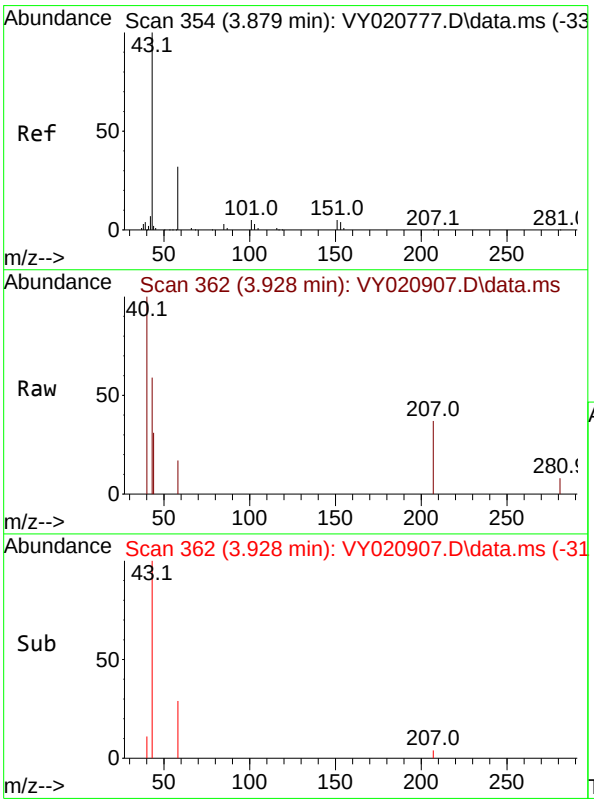
#11
Tert butyl alcohol
Concen: 2.724 ug/l
RT: 4.909 min Scan# 5
Delta R.T. -0.018 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 414

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

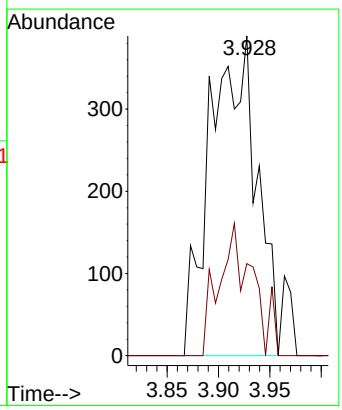


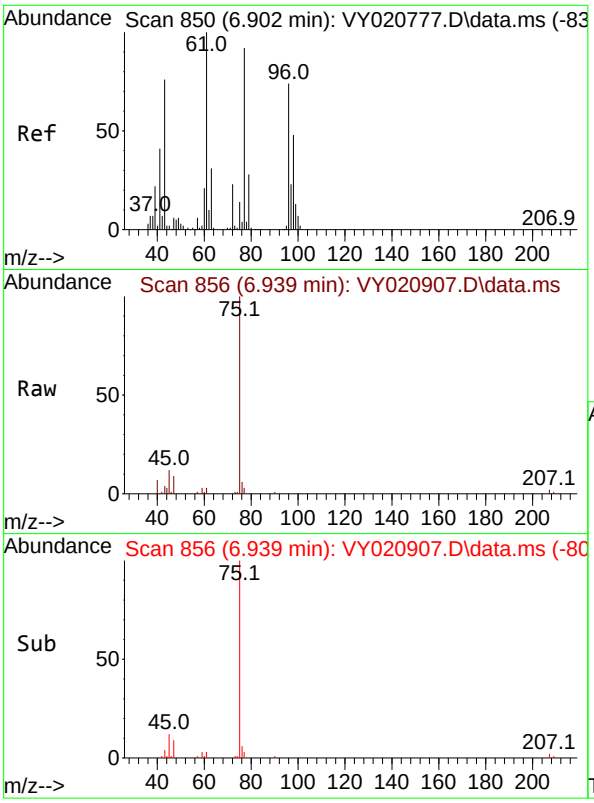


#16
Acetone
Concen: 4.272 ug/l
RT: 3.928 min Scan# 362
Delta R.T. 0.013 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

Tgt Ion: 43 Resp: 1222

Ion	Ratio	Lower	Upper
43	100		
58	28.8	26.7	40.1



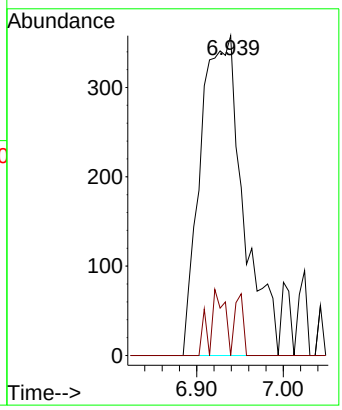


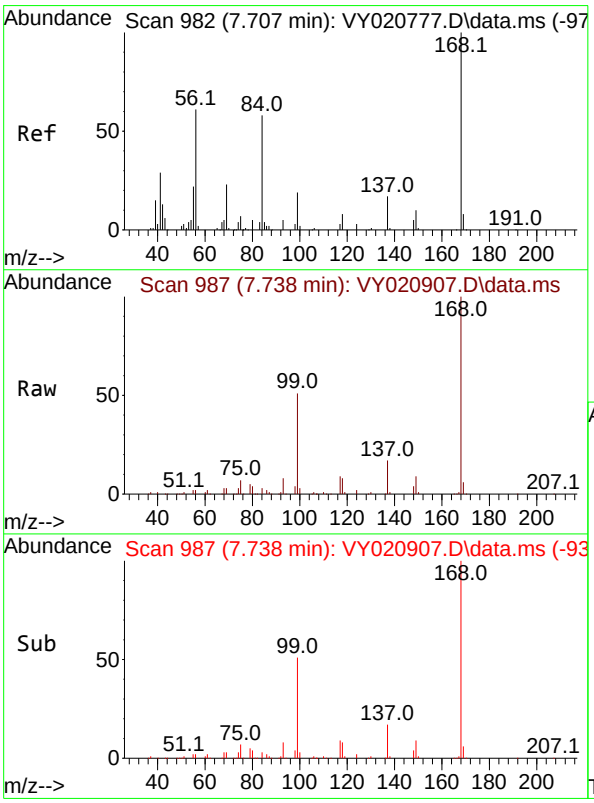
#25
2-Butanone
Concen: 2.599 ug/l
RT: 6.939 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1221

Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.0	36.0#

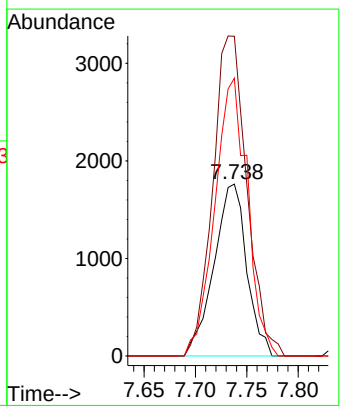


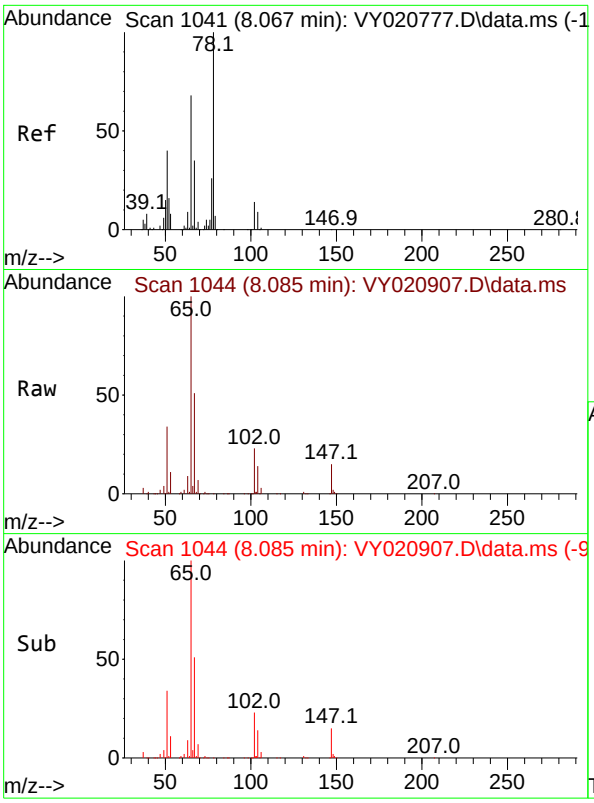


#31
Cyclohexane
Concen: 1.334 ug/l
RT: 7.738 min Scan# 987
Delta R.T. 0.000 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

Tgt Ion: 56 Resp: 3904

Ion	Ratio	Lower	Upper
56	100		
69	186.0	30.5	45.7#
84	161.6	76.6	115.0#



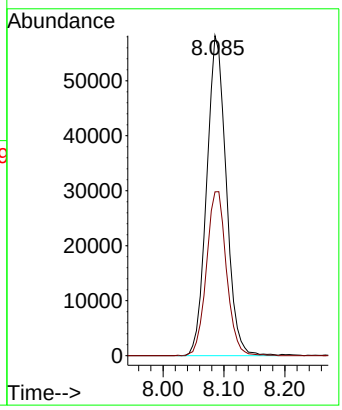


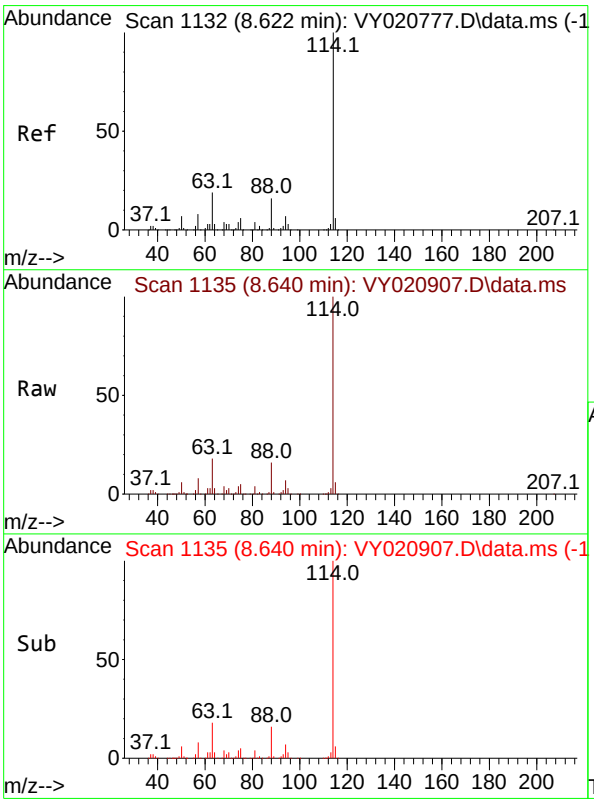
#33
1,2-Dichloroethane-d4
Concen: 64.357 ug/l
RT: 8.085 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 129454

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	102.8

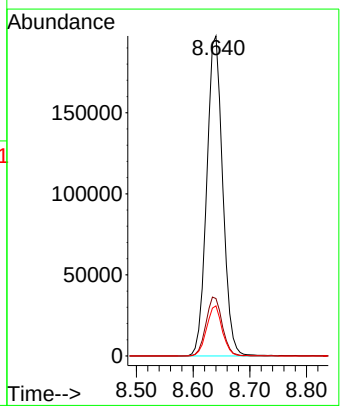


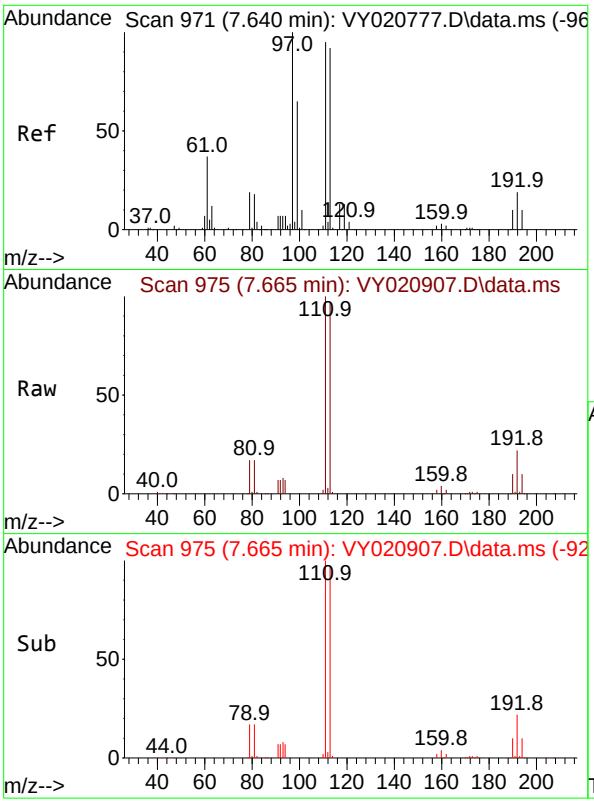


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.640 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

Tgt Ion:114 Resp: 386599

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	38.4
88	15.6	0.0	31.2



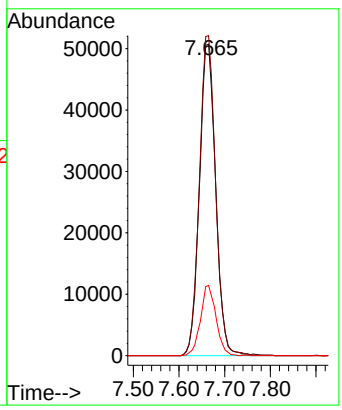


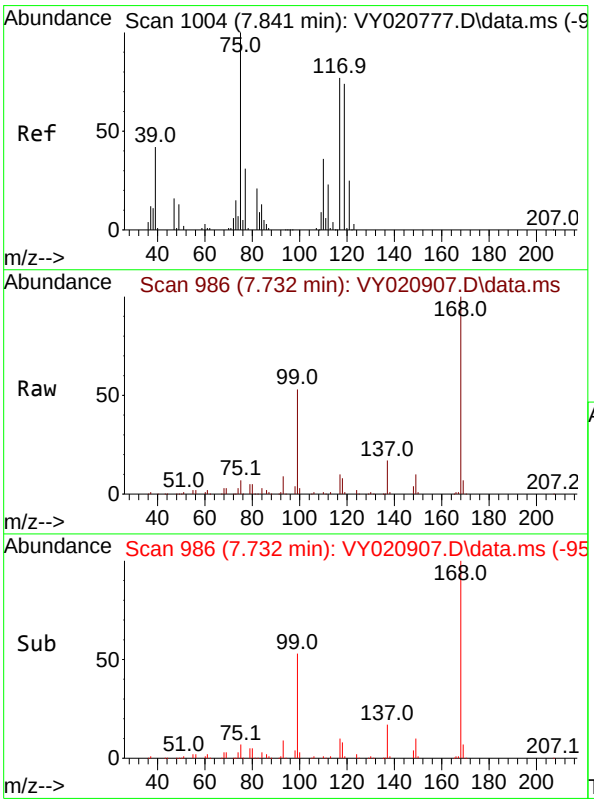
#35
Dibromofluoromethane
Concen: 51.824 ug/l
RT: 7.665 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 125518

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.7	122.5
192	21.5	16.7	25.1

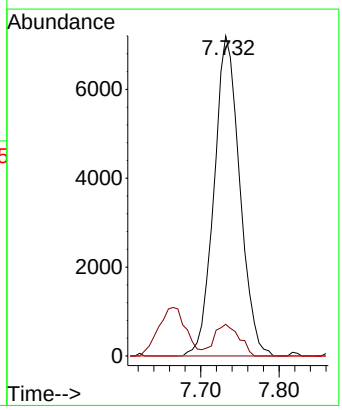


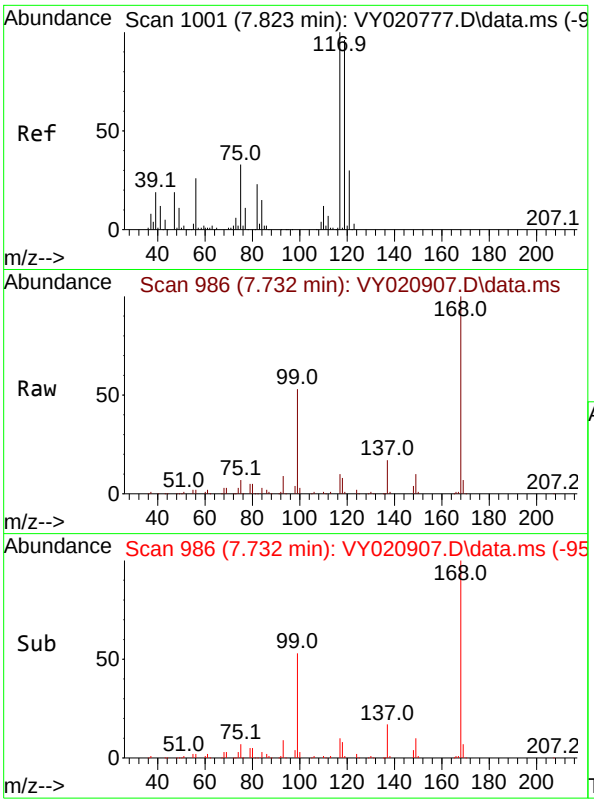


#36
1,1-Dichloropropene
Concen: 5.312 ug/l
RT: 7.732 min Scan# 986
Delta R.T. -0.134 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

Tgt Ion: 75 Resp: 16411

Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.5	55.5#
77	0.0	25.0	37.4#



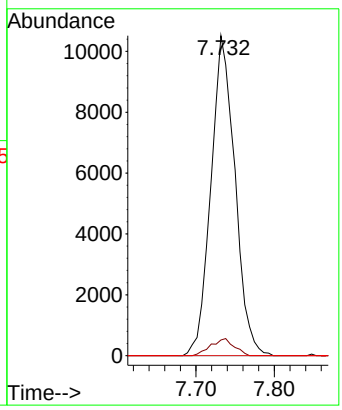


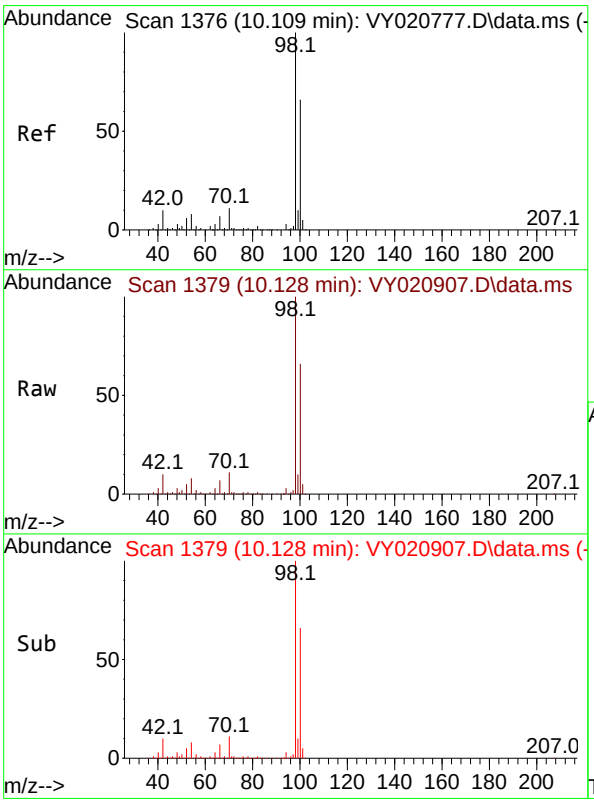
#38
Carbon Tetrachloride
Concen: 5.219 ug/l
RT: 7.732 min Scan# 9
Delta R.T. -0.115 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 22444

Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.5	114.7#
121	0.0	24.3	36.5#

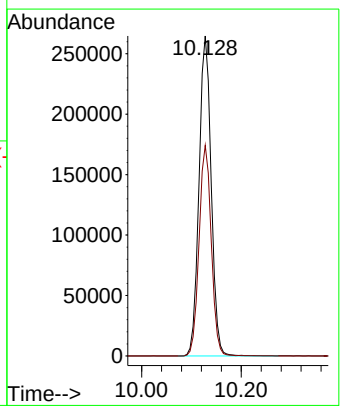


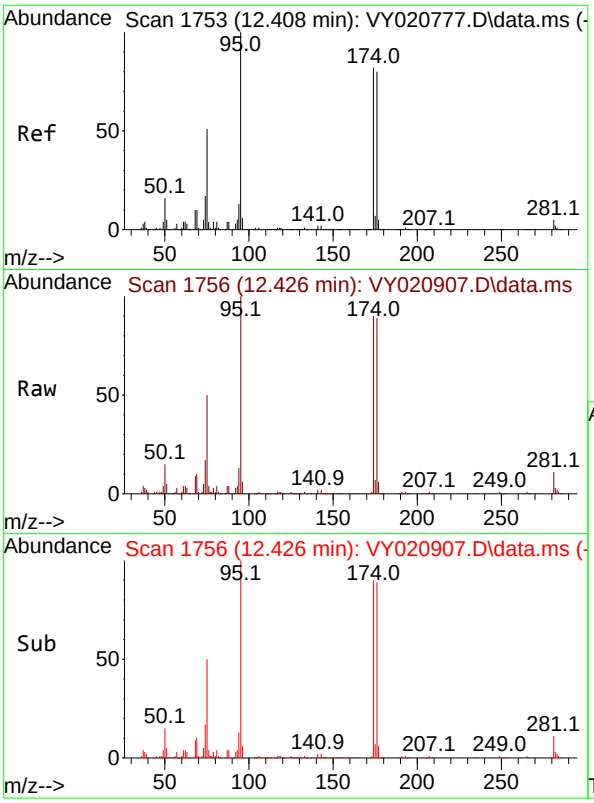


#50
Toluene-d8
Concen: 53.120 ug/l
RT: 10.128 min Scan# 1379
Delta R.T. -0.006 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

Tgt Ion: 98 Resp: 448501

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.5	78.7



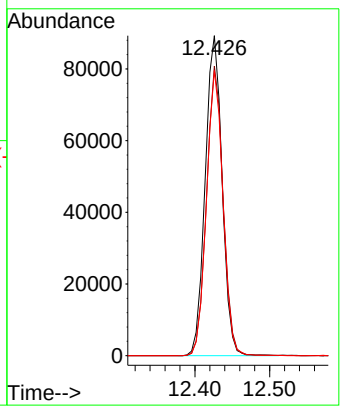


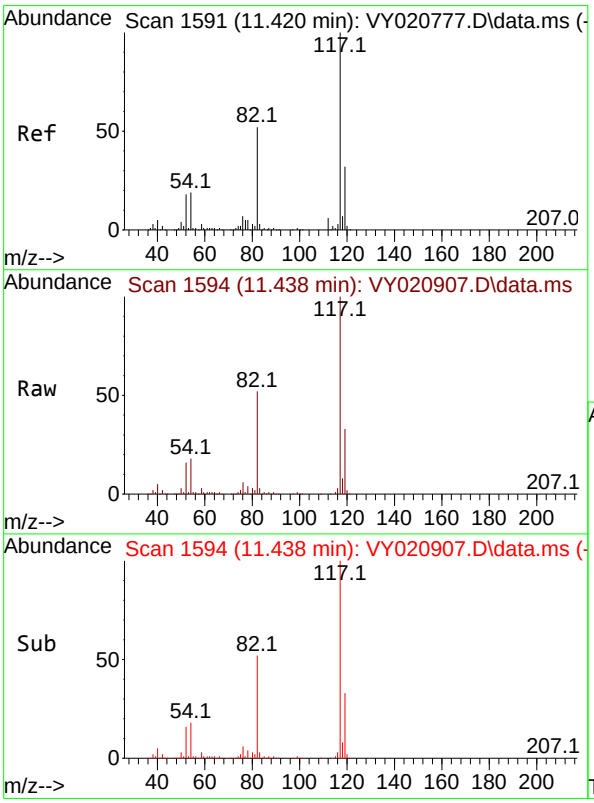
#62
4-Bromofluorobenzene
Concen: 44.957 ug/l
RT: 12.426 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 140173

Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	178.0
176	87.1	0.0	172.0

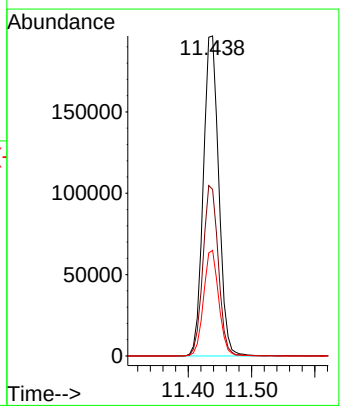


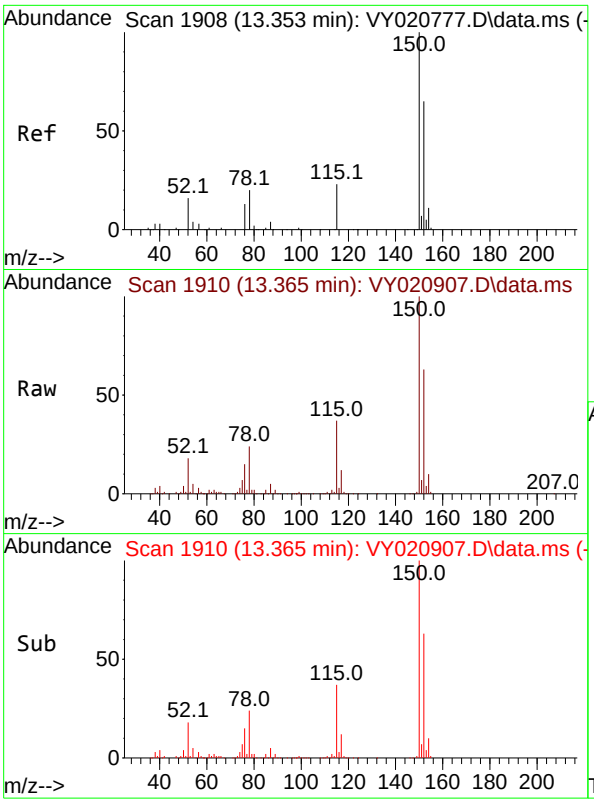


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

Tgt Ion:117 Resp: 335125

Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.8	62.6
119	33.0	25.8	38.8



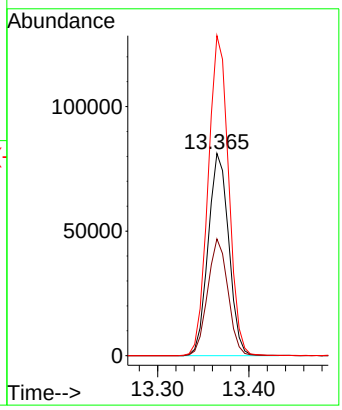


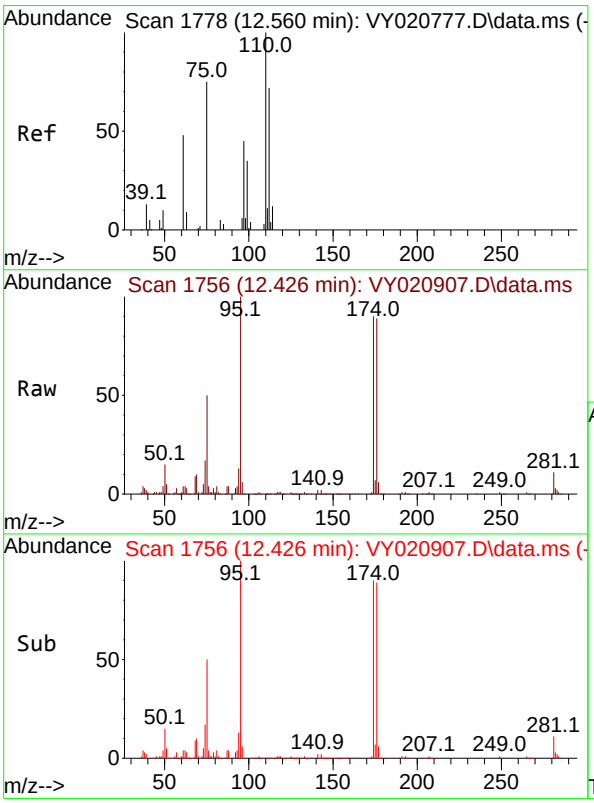
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.365 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 126911

Ion	Ratio	Lower	Upper
152	100		
115	56.8	29.0	87.0
150	157.5	0.0	347.4

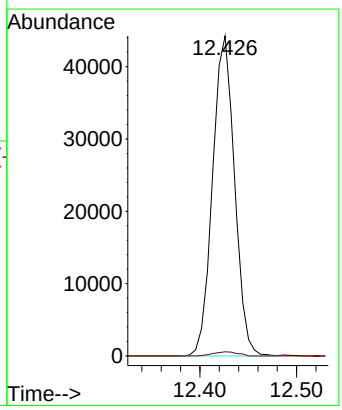


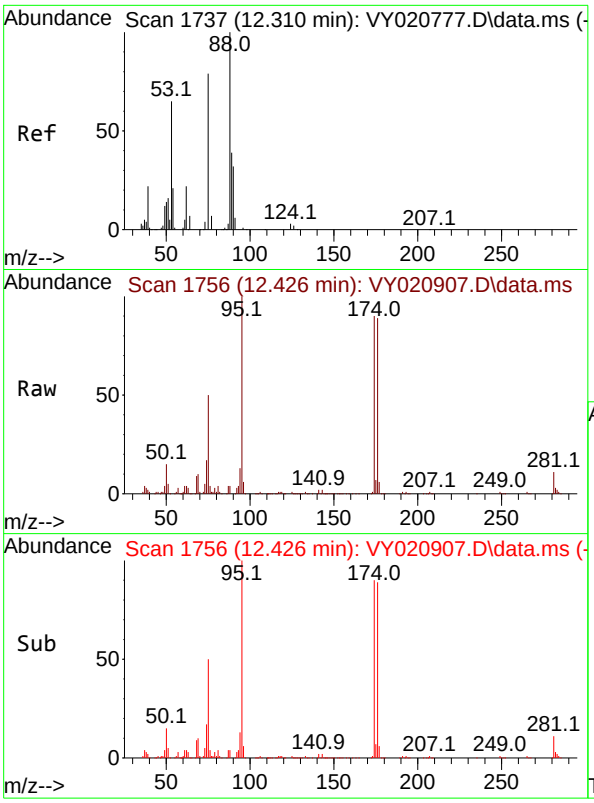


#76
1,2,3-Trichloropropane
Concen: 62.949 ug/l
RT: 12.426 min Scan# 1756
Delta R.T. -0.152 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

Tgt Ion: 75 Resp: 69901

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 132.729 ug/l
RT: 12.426 min Scan# 1
Delta R.T. 0.098 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 69901

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