Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
Data File : VY020857.D
Acq On : 17 Jan 2025 15:57
Operator : SY/MD
Sample : Q1103-02RE
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 17 23:27:31 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	14237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	21373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	16480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	4450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	7649	63.210	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.420%			
35) Dibromofluoromethane	7.634	113	7046	52.621	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.240%			
50) Toluene-d8	10.109	98	23624	50.611	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.220%			
62) 4-Bromofluorobenzene	12.407	95	5926	34.379	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 68.760%			
Target Compounds						Qvalue
10) Methyl Iodide	4.025	142	188	1.384	ug/l #	48
16) Acetone	3.860	43	274	15.923	ug/l #	41
18) Methyl Acetate	4.135	43	68	1.170	ug/l #	46
25) 2-Butanone	6.878	43	212	7.500	ug/l #	45
31) Cyclohexane	7.707	56	258	1.465	ug/l #	20
36) 1,1-Dichloropropene	7.719	75	980	5.738	ug/l #	43
37) Ethyl Acetate	6.878	43	212	3.119	ug/l #	63
38) Carbon Tetrachloride	7.713	117	1338	5.628	ug/l #	12
51) 4-Methyl-2-Pentanone	9.999	43	244	3.533	ug/l #	32
76) 1,2,3-Trichloropropane	12.407	75	2868	73.658	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	2868	155.311	ug/l #	14

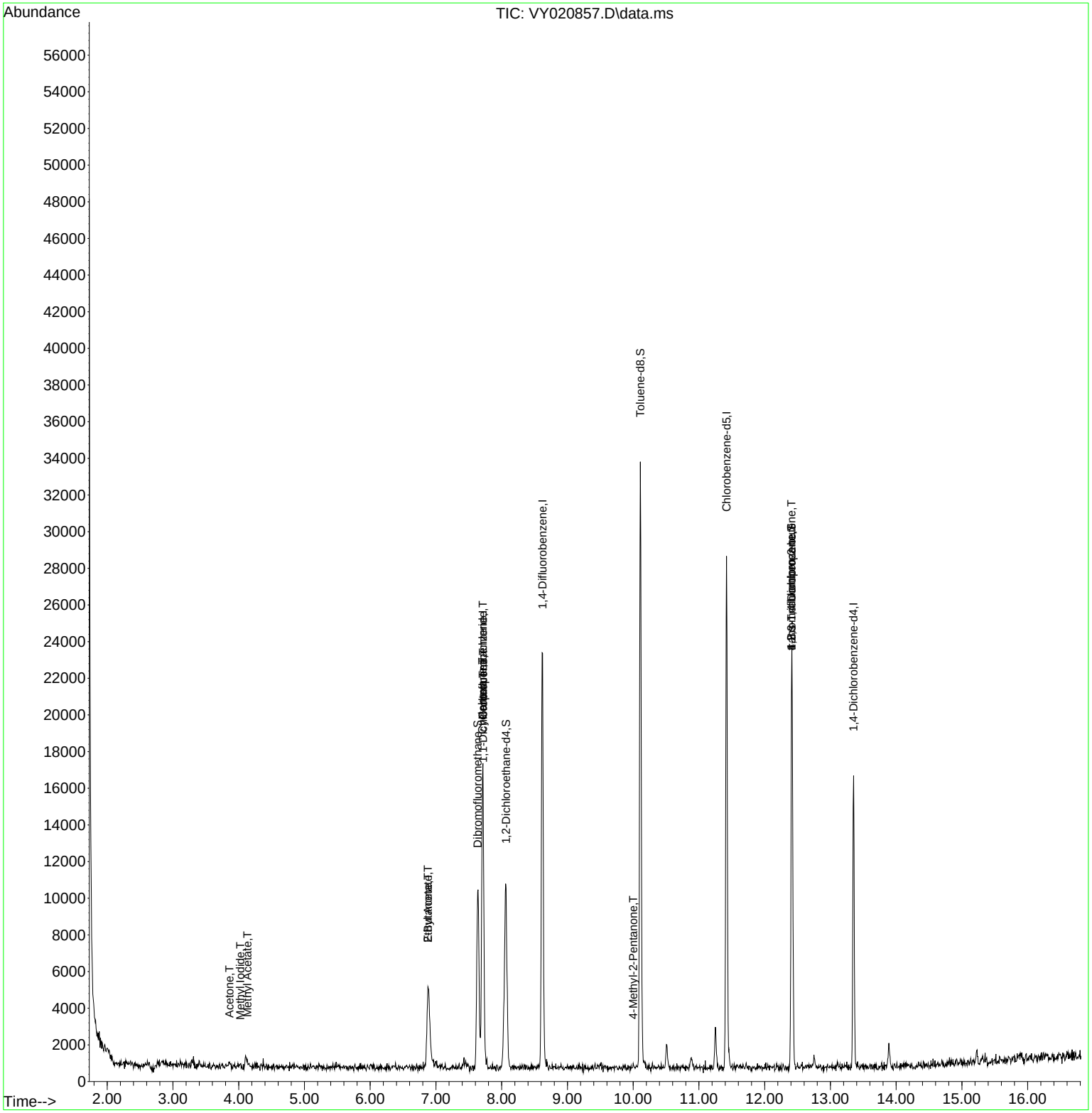
(#) = qualifier out of range (m) = manual integration (+) = signals summed

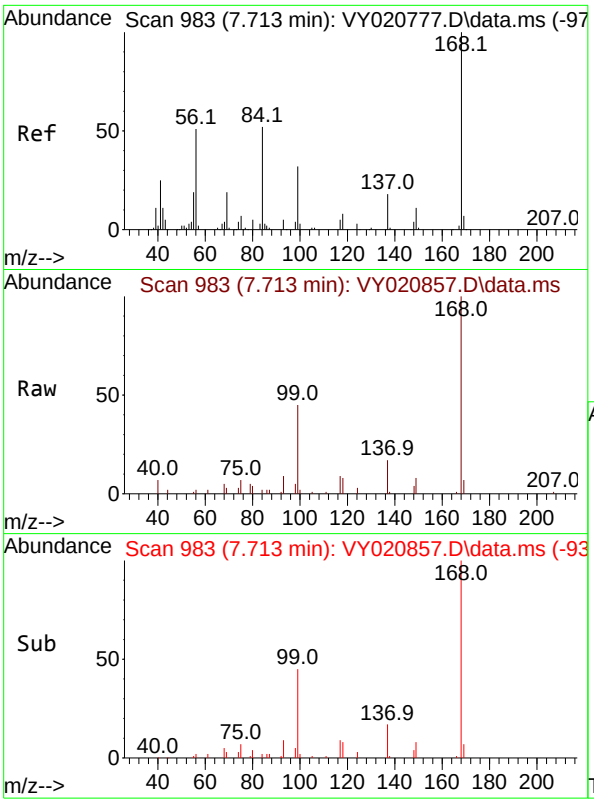
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
Data File : VY020857.D
Acq On : 17 Jan 2025 15:57
Operator : SY/MD
Sample : Q1103-02RE
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 17 23:27:31 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



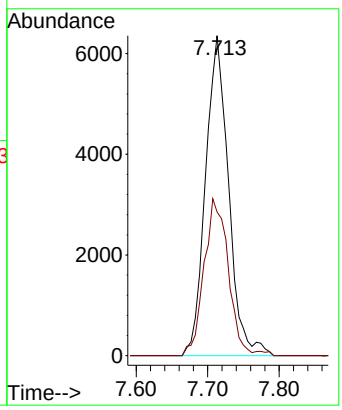


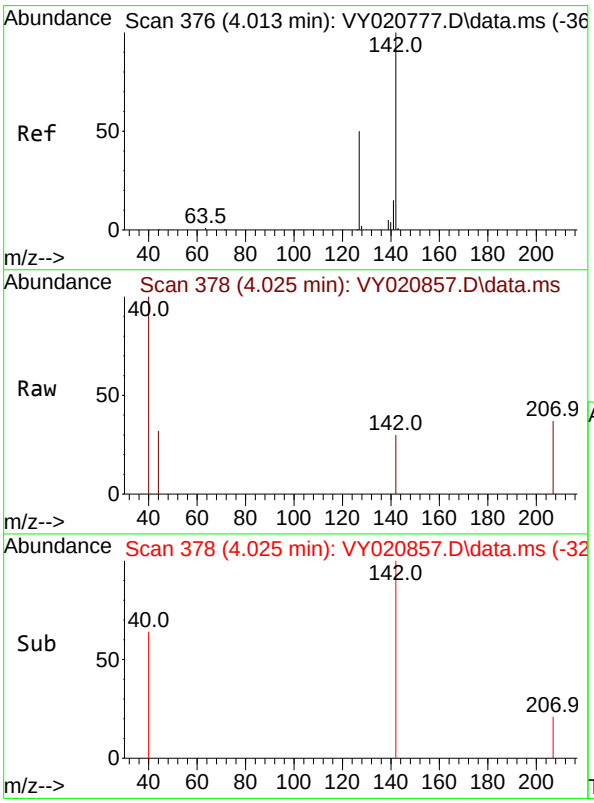
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 14237

Ion	Ratio	Lower	Upper
168	100		
99	44.9	44.3	66.5

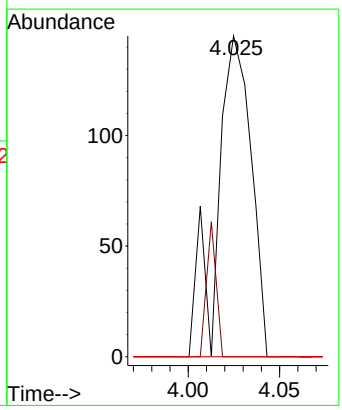


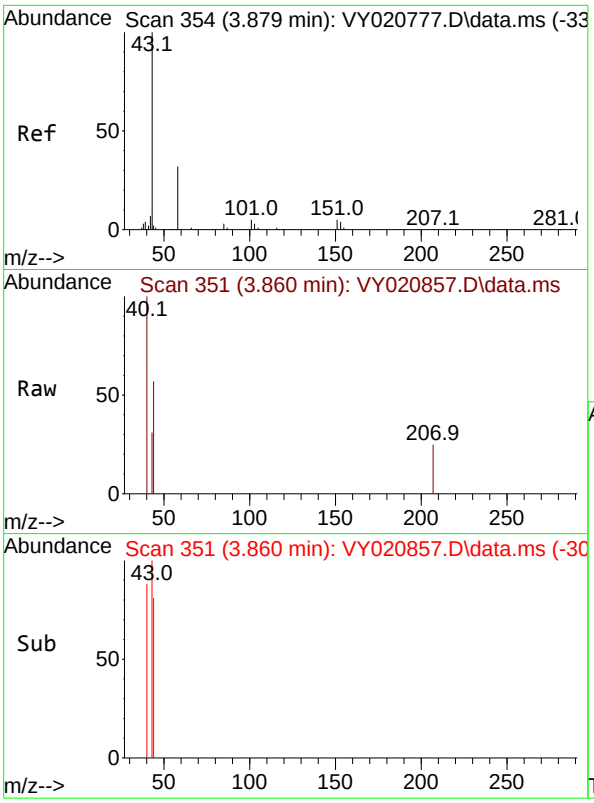


#10
Methyl Iodide
Concen: 1.384 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Tgt Ion:142 Resp: 188

Ion	Ratio	Lower	Upper
142	100		
127	11.7	41.0	61.6#
141	0.0	11.6	17.4#



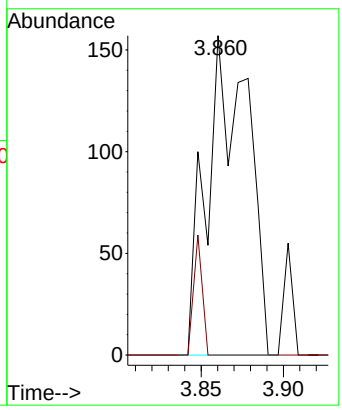


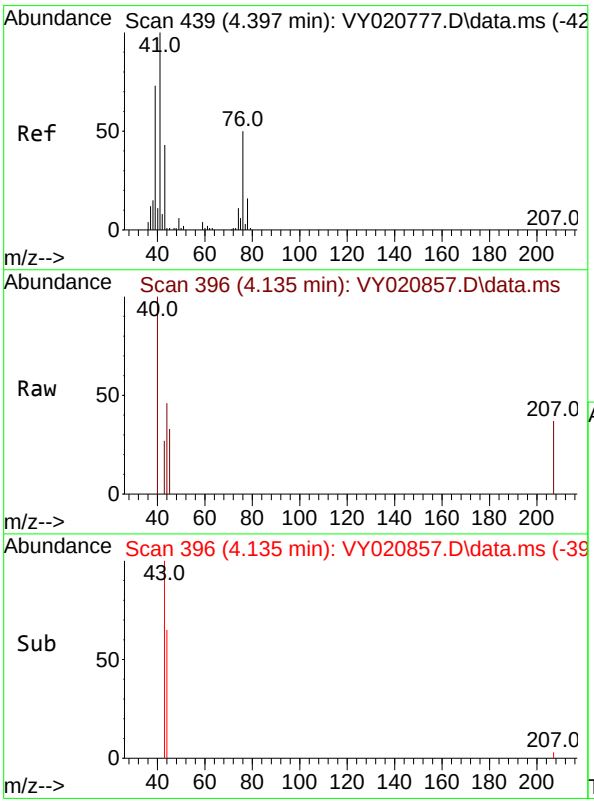
#16
Acetone
Concen: 15.923 ug/l
RT: 3.860 min Scan# 3
Delta R.T. -0.018 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 274

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.7	40.1#

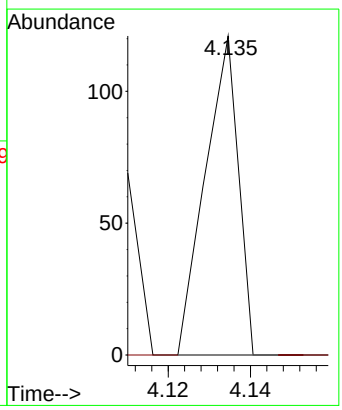


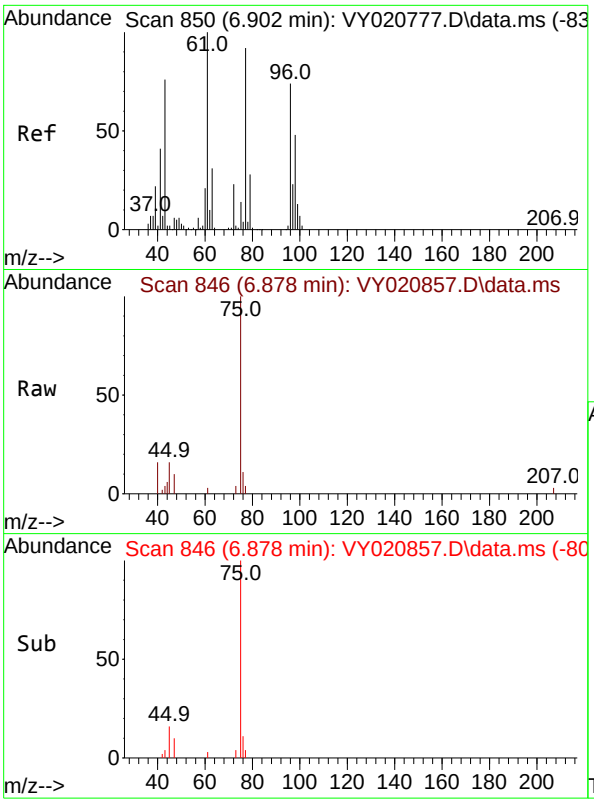


#18
Methyl Acetate
Concen: 1.170 ug/l
RT: 4.135 min Scan# 396
Delta R.T. -0.262 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Tgt Ion: 43 Resp: 68

Ion	Ratio	Lower	Upper
43	100		
74	0.0	23.0	34.6#



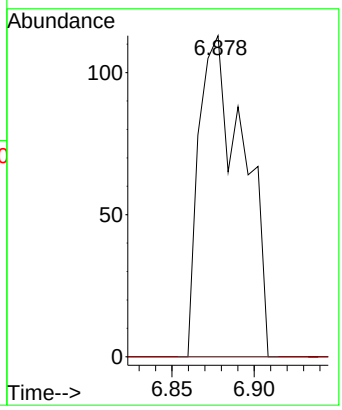


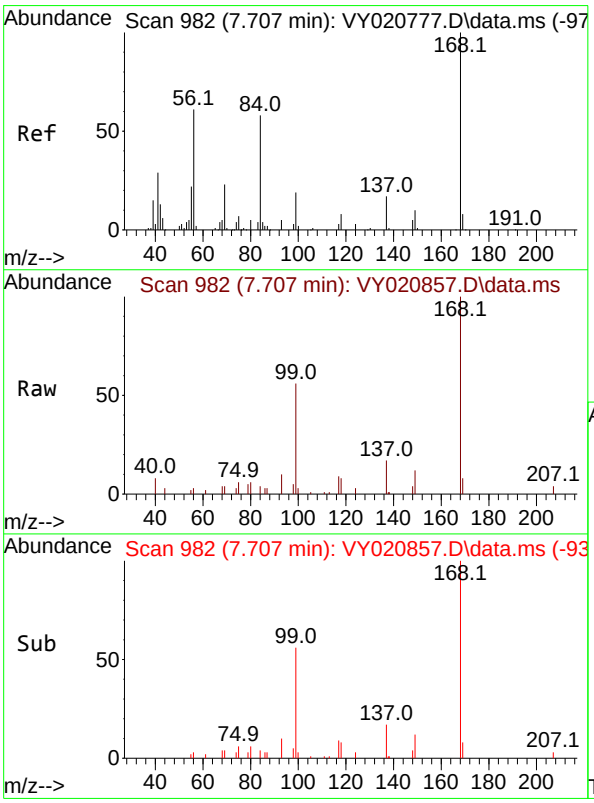
#25
2-Butanone
Concen: 7.500 ug/l
RT: 6.878 min Scan# 84
Delta R.T. -0.025 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 212

Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.0	36.0#

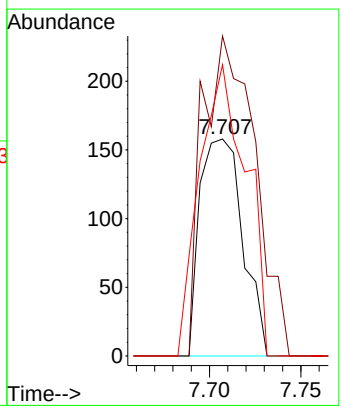


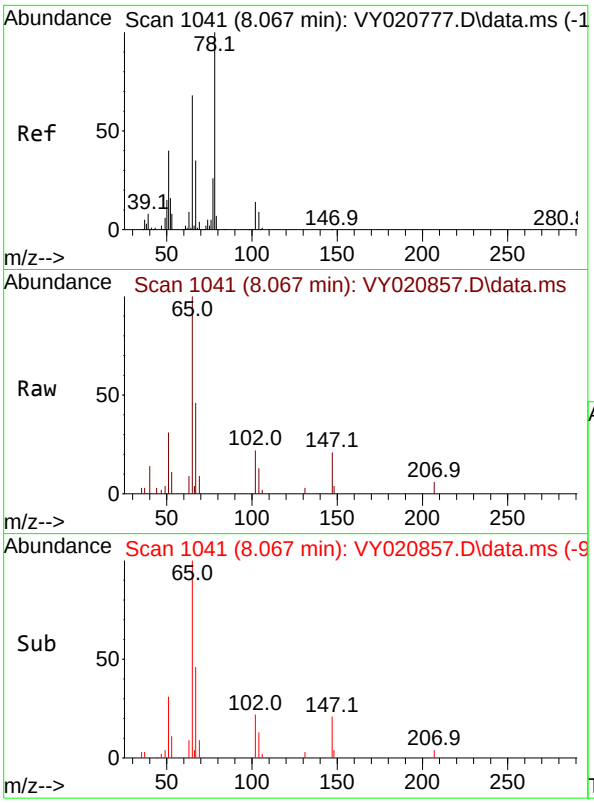


#31
Cyclohexane
Concen: 1.465 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Tgt Ion: 56 Resp: 258

Ion	Ratio	Lower	Upper
56	100		
69	147.5	30.5	45.7#
84	134.2	76.6	115.0#



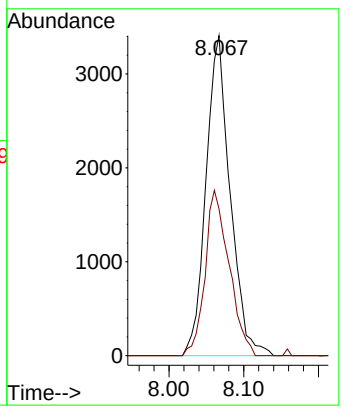


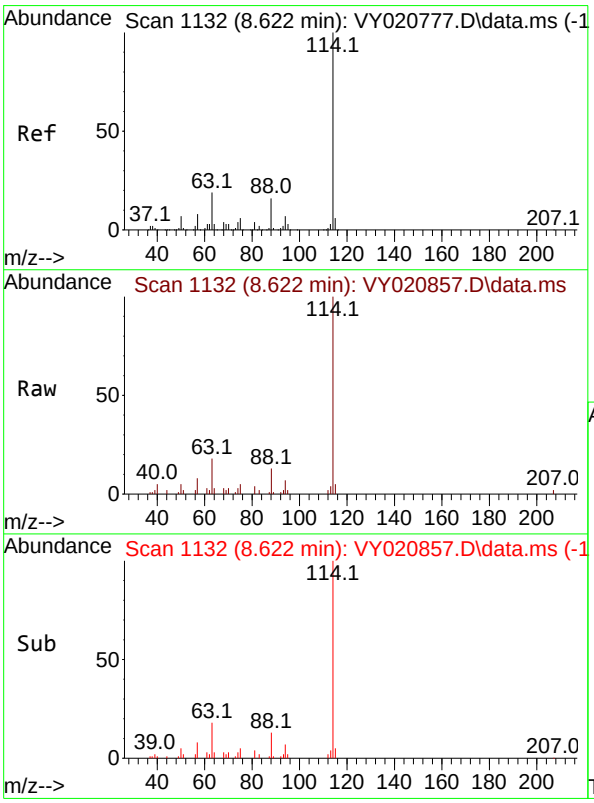
#33
1,2-Dichloroethane-d4
Concen: 63.210 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 7649

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.8

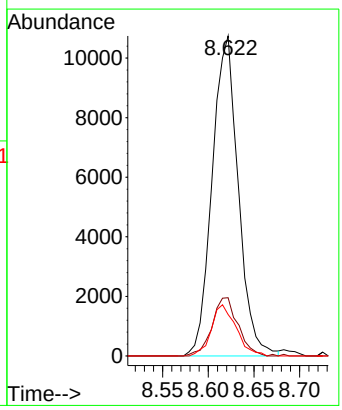


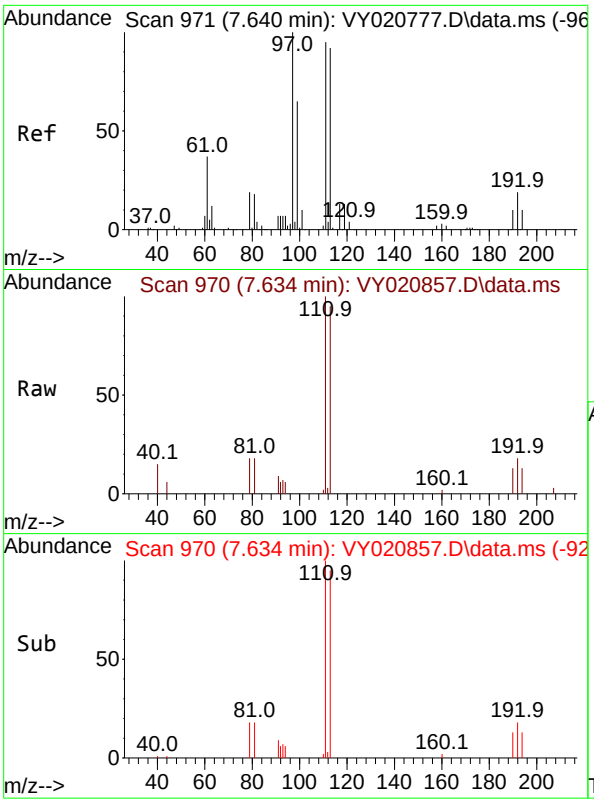


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Tgt Ion:114 Resp: 21373

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.4
88	13.0	0.0	31.2



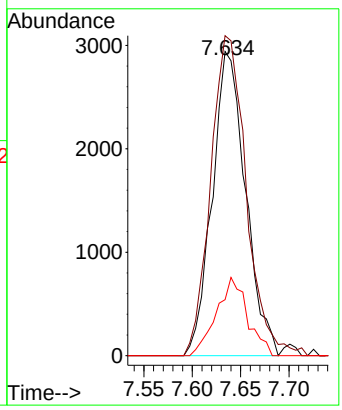


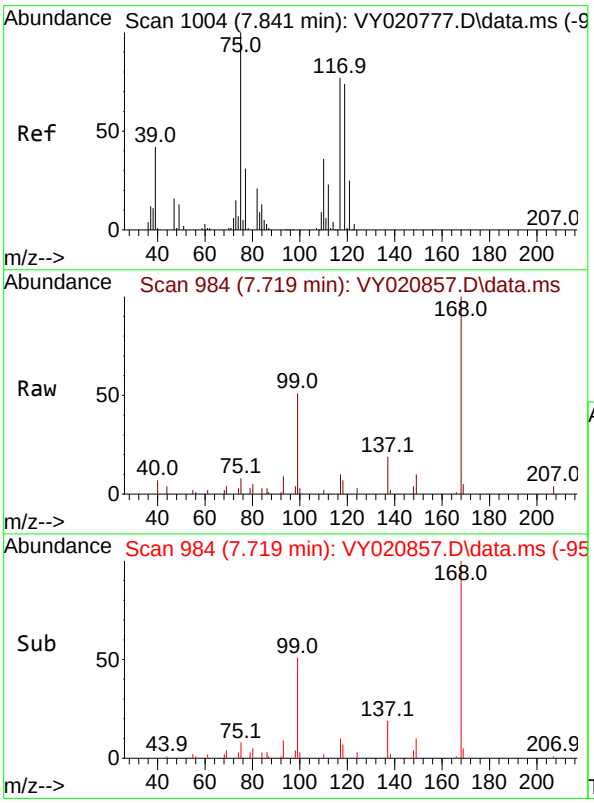
#35
Dibromofluoromethane
Concen: 52.621 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 7046

Ion	Ratio	Lower	Upper
113	100		
111	112.3	81.7	122.5
192	24.0	16.7	25.1

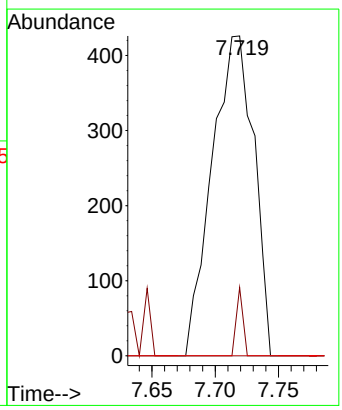


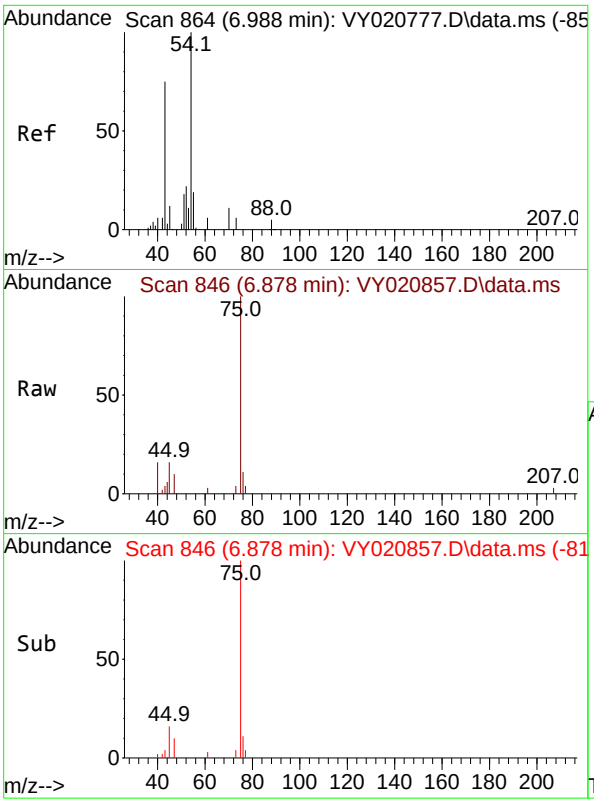


#36
1,1-Dichloropropene
Concen: 5.738 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Tgt Ion: 75 Resp: 980

Ion	Ratio	Lower	Upper
75	100		
110	3.4	18.5	55.5#
77	0.0	25.0	37.4#



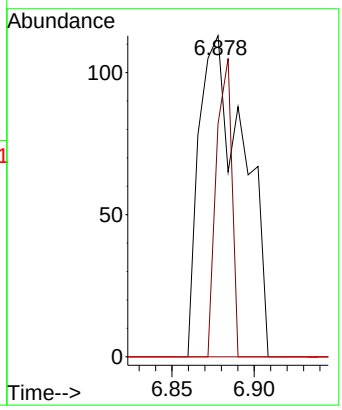


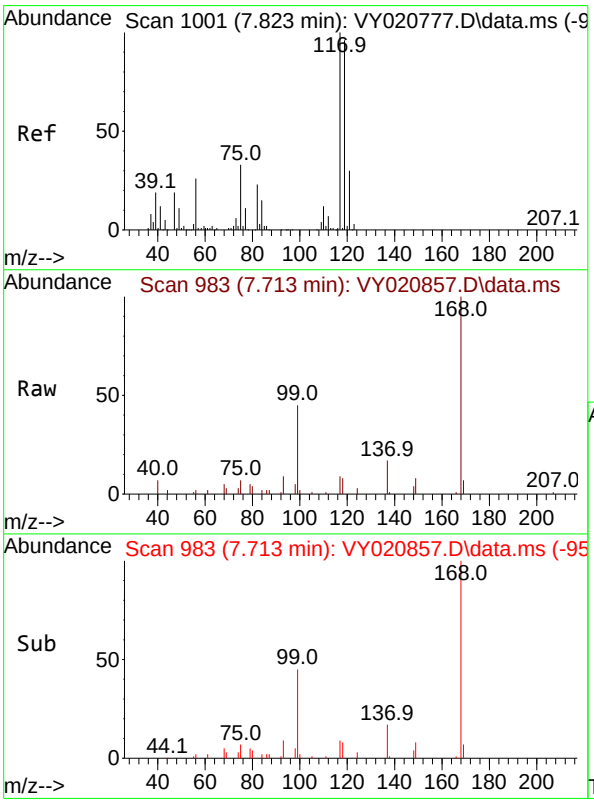
#37
Ethyl Acetate
Concen: 3.119 ug/l
RT: 6.878 min Scan# 84
Delta R.T. -0.110 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 212

Ion	Ratio	Lower	Upper
43	100		
61	32.1	11.8	17.6#
70	0.0	9.8	14.8#

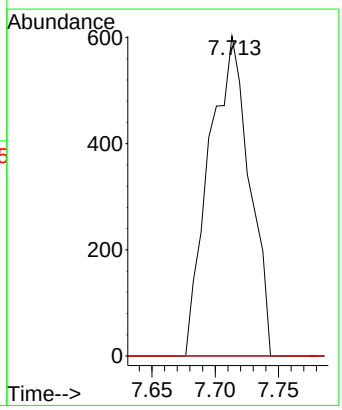


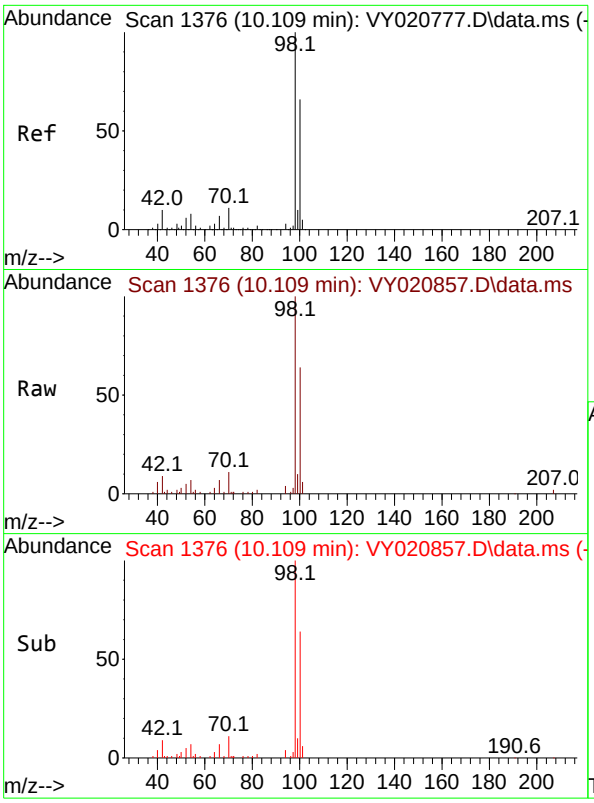


#38
Carbon Tetrachloride
Concen: 5.628 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Tgt Ion:117 Resp: 1338

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



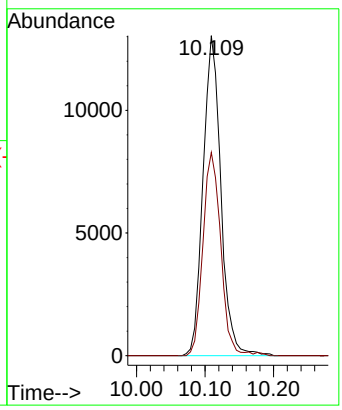


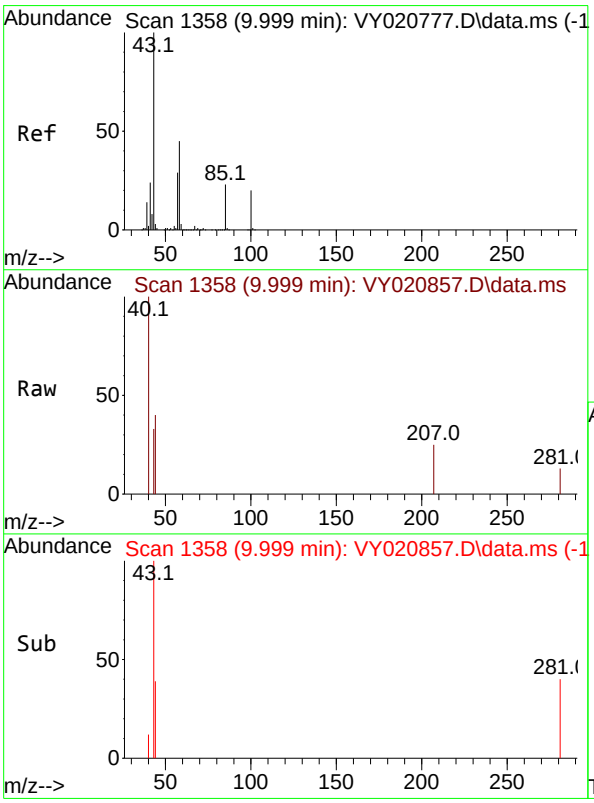
#50
Toluene-d8
Concen: 50.611 ug/l
RT: 10.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 23624

Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.5	78.7

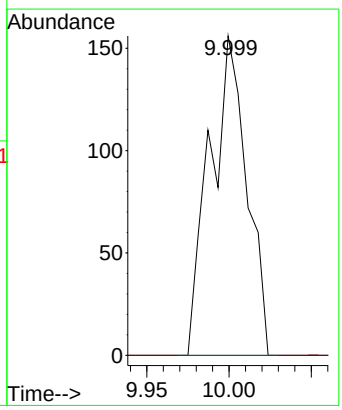


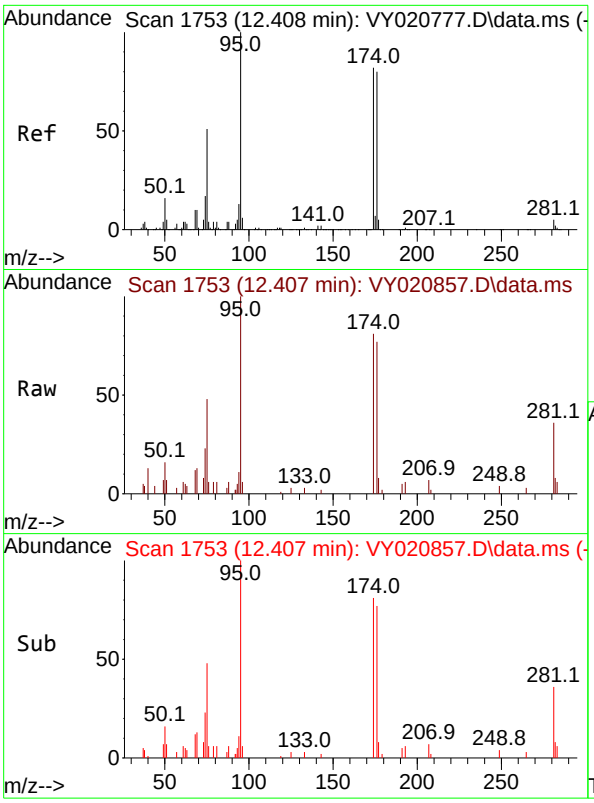


#51
4-Methyl-2-Pentanone
Concen: 3.533 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Tgt Ion: 43 Resp: 244

Ion	Ratio	Lower	Upper
43	100		
58	0.0	34.8	52.2#



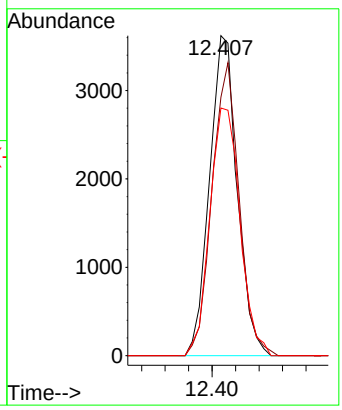


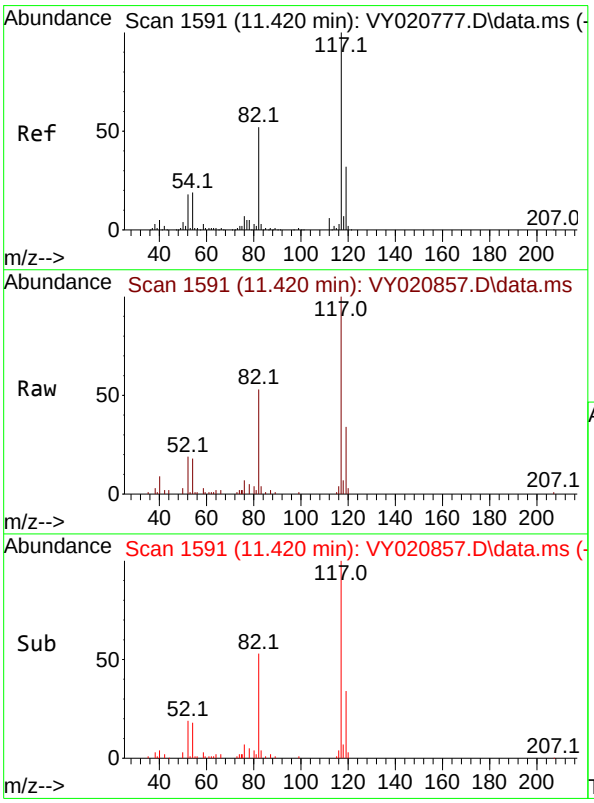
#62
4-Bromofluorobenzene
Concen: 34.379 ug/l
RT: 12.407 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 5926

Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	178.0
176	84.4	0.0	172.0

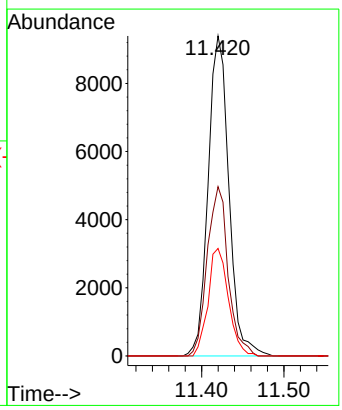


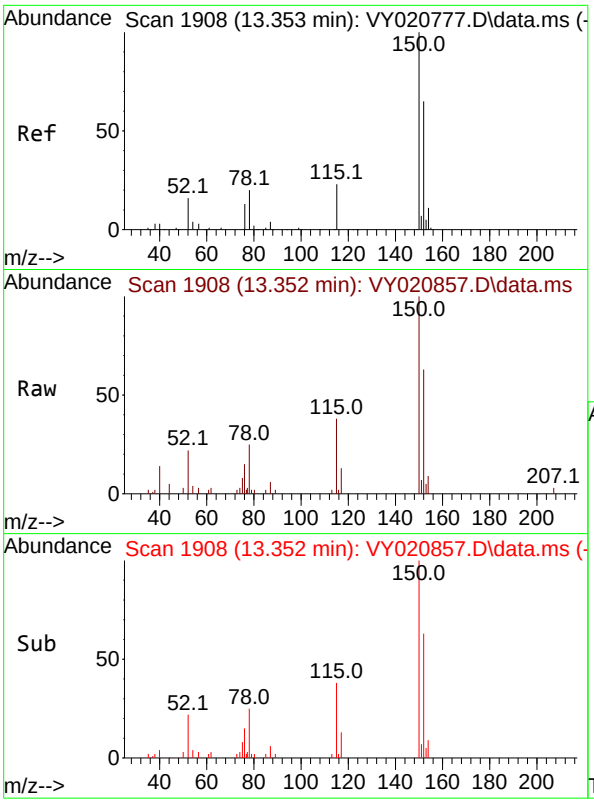


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Tgt Ion:117 Resp: 16480

Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.8	62.6
119	33.6	25.8	38.8



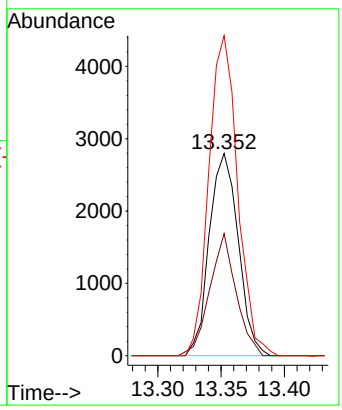


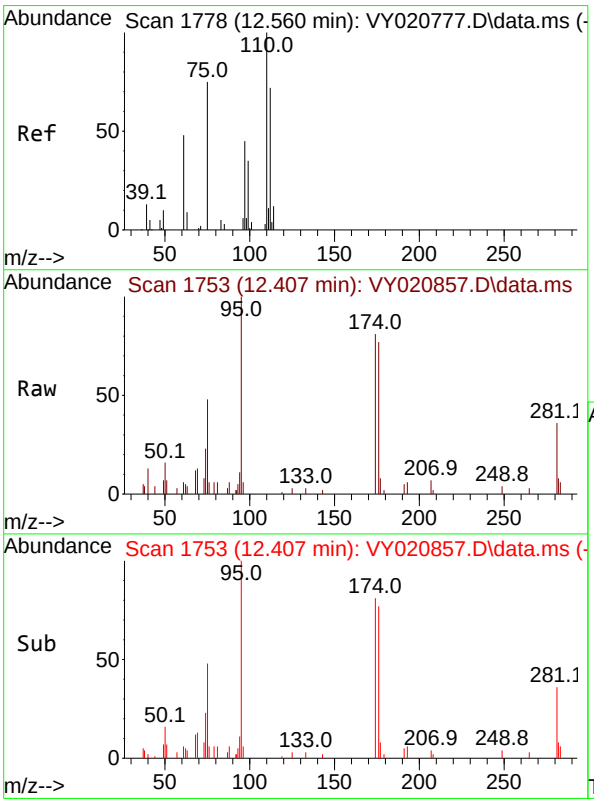
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 4450

Ion	Ratio	Lower	Upper
152	100		
115	55.1	29.0	87.0
150	156.9	0.0	347.4

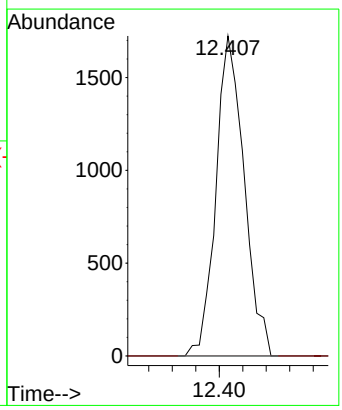


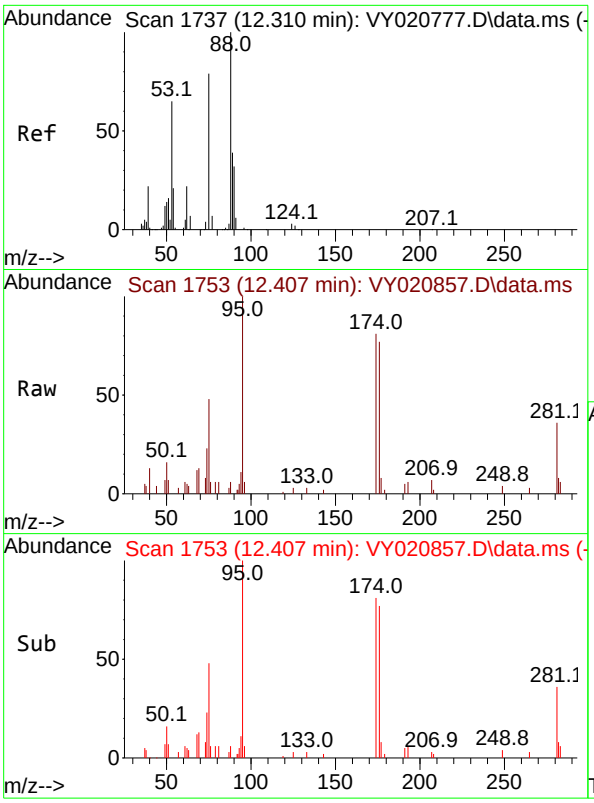


#76
1,2,3-Trichloropropane
Concen: 73.658 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Tgt Ion: 75 Resp: 2868

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 155.311 ug/l
RT: 12.407 min Scan# 1
Delta R.T. 0.097 min
Lab File: VY020857.D
Acq: 17 Jan 2025 15:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 2868

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