Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
Data File : VY020851.D
Acq On : 17 Jan 2025 13:36
Operator : SY/MD
Sample : Q1115-03
Misc : 3.96g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 17 23:25:10 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	3798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	5548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	3068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	2081	64.464	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.920%			
35) Dibromofluoromethane	7.634	113	1984	57.081	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.160%			
50) Toluene-d8	10.109	98	5547	45.780	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 91.560%			
62) 4-Bromofluorobenzene	12.420	95	489	10.929	ug/l	0.01
Spiked Amount 50.000	Range 29 - 146		Recovery = 21.860%#			
Target Compounds						Qvalue
5) Bromomethane	2.598	94	20	1.721	ug/l #	4
10) Methyl Iodide	4.019	142	413	11.397	ug/l #	54
16) Acetone	3.872	43	90	19.606	ug/l #	41
36) 1,1-Dichloropropene	7.707	75	231	5.211	ug/l #	40
38) Carbon Tetrachloride	7.707	117	313	5.072	ug/l #	12
51) 4-Methyl-2-Pentanone	10.006	43	22	1.227	ug/l #	32
76) 1,2,3-Trichloropropane	12.414	75	280	85.335	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	280	179.933	ug/l #	14
95) Naphthalene	15.151	128	121	10.963	ug/l #	69

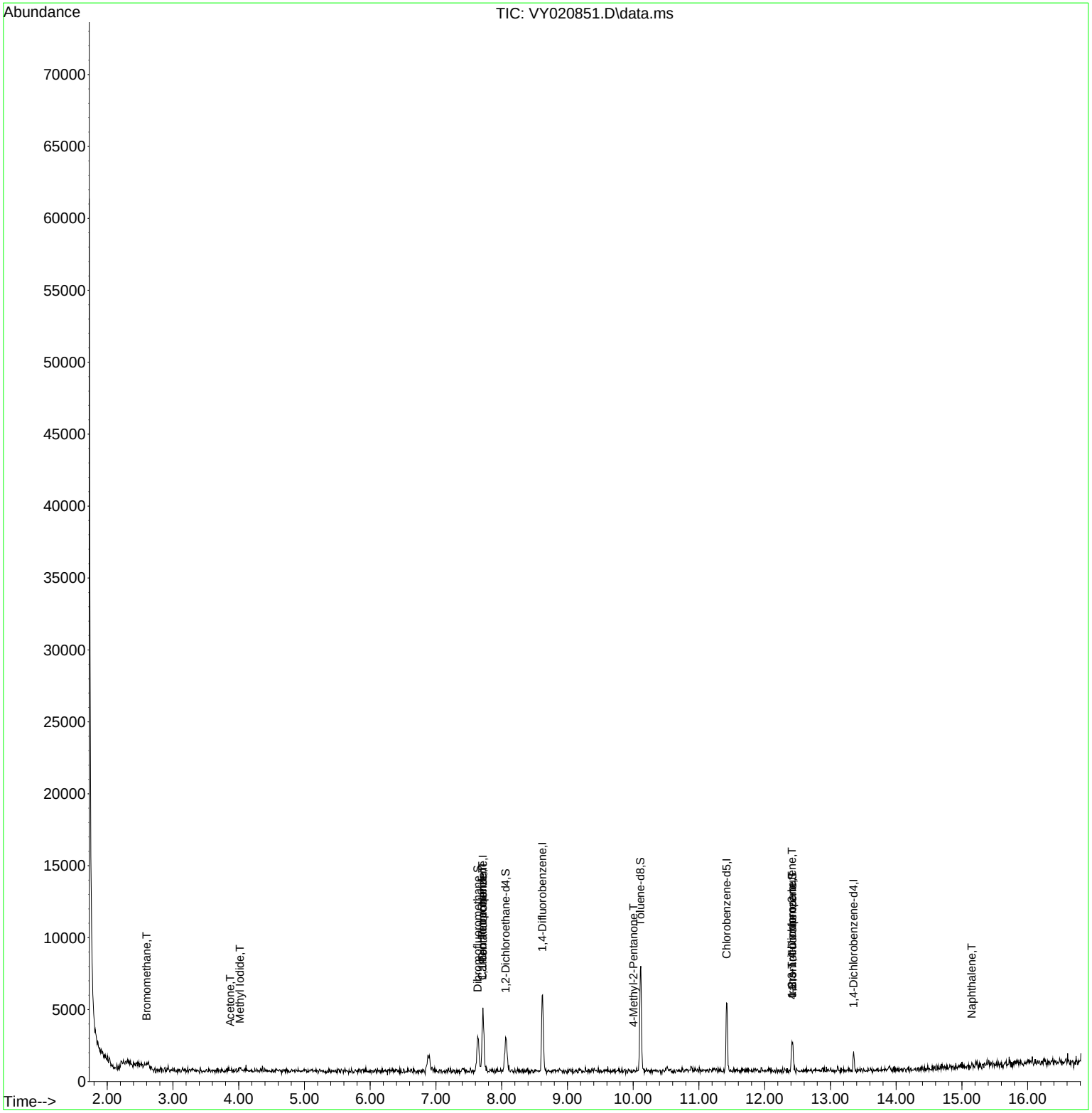
(#) = qualifier out of range (m) = manual integration (+) = signals summed

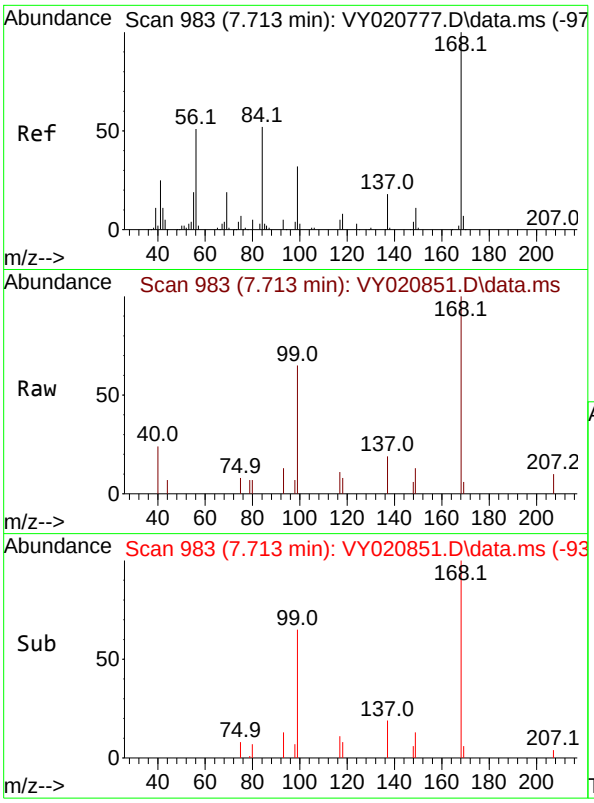
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
Data File : VY020851.D
Acq On : 17 Jan 2025 13:36
Operator : SY/MD
Sample : Q1115-03
Misc : 3.96g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 17 23:25:10 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



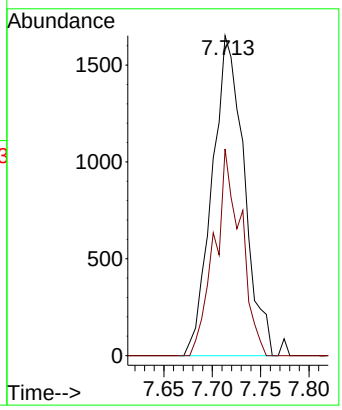


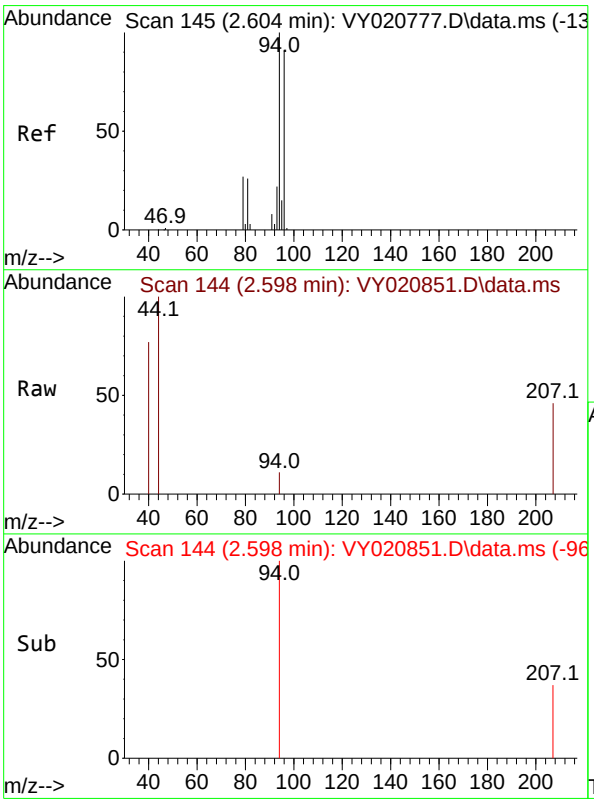
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY020851.D
Acq: 17 Jan 2025 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 3798

Ion	Ratio	Lower	Upper
168	100		
99	64.6	44.3	66.5

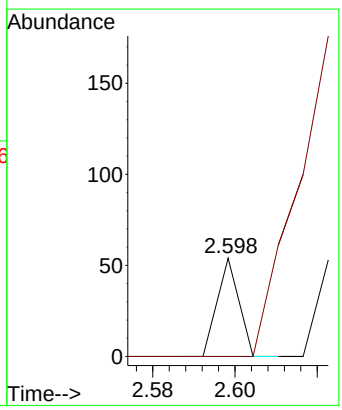


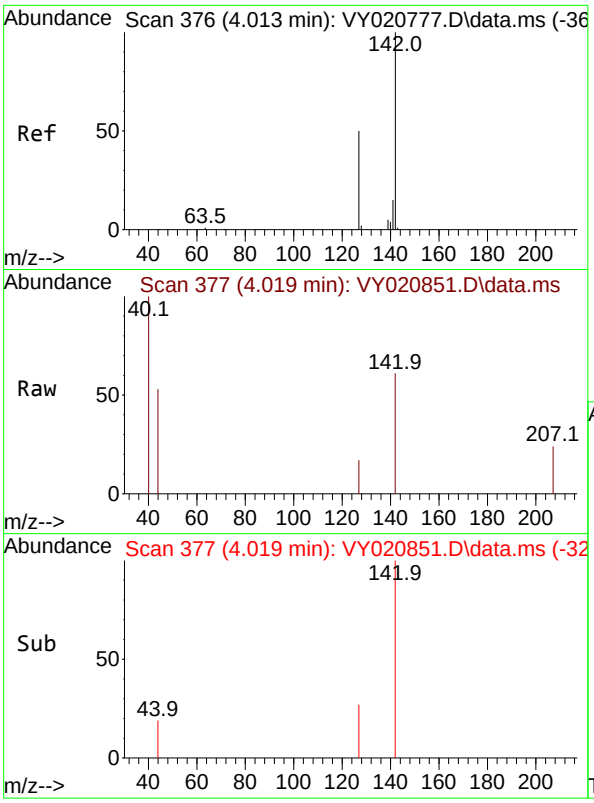


#5
Bromomethane
Concen: 1.721 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY020851.D
Acq: 17 Jan 2025 13:36

Tgt Ion: 94 Resp: 20

Ion	Ratio	Lower	Upper
94	100		
96	0.0	72.6	109.0#



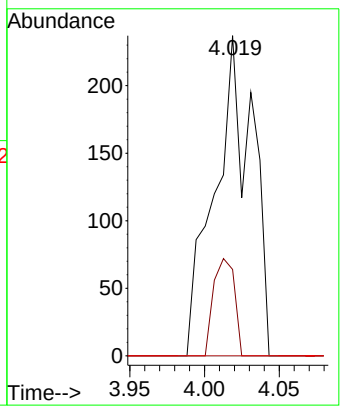


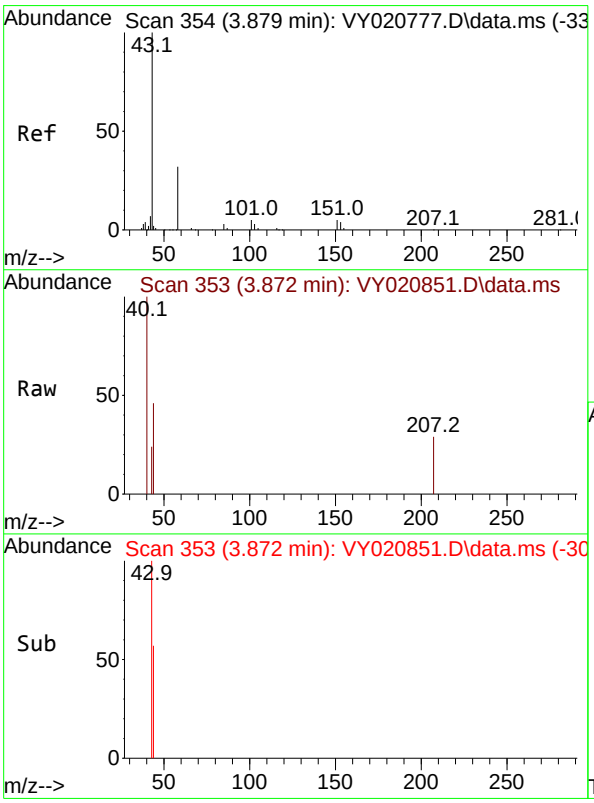
#10
Methyl Iodide
Concen: 11.397 ug/l
RT: 4.019 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY020851.D
Acq: 17 Jan 2025 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:142 Resp: 413

Ion	Ratio	Lower	Upper
142	100		
127	16.9	41.0	61.6#
141	0.0	11.6	17.4#

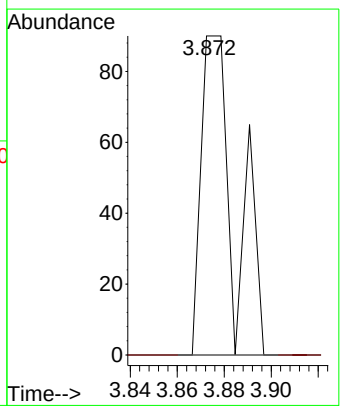


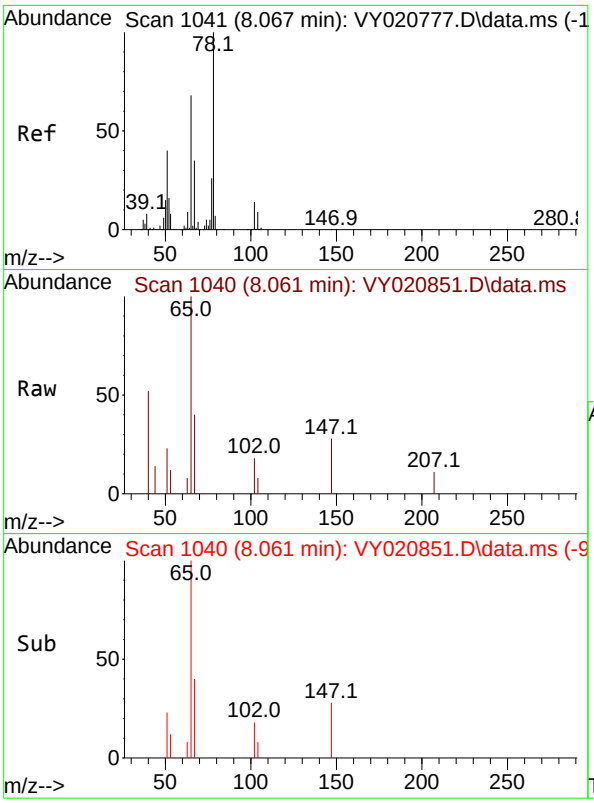


#16
Acetone
Concen: 19.606 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY020851.D
Acq: 17 Jan 2025 13:36

Tgt Ion: 43 Resp: 90

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.7	40.1#



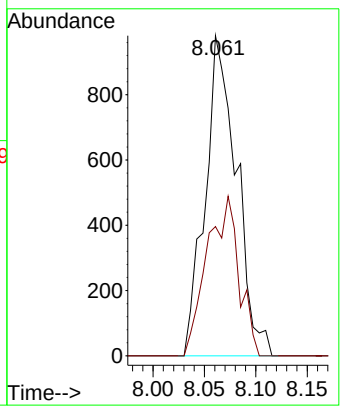


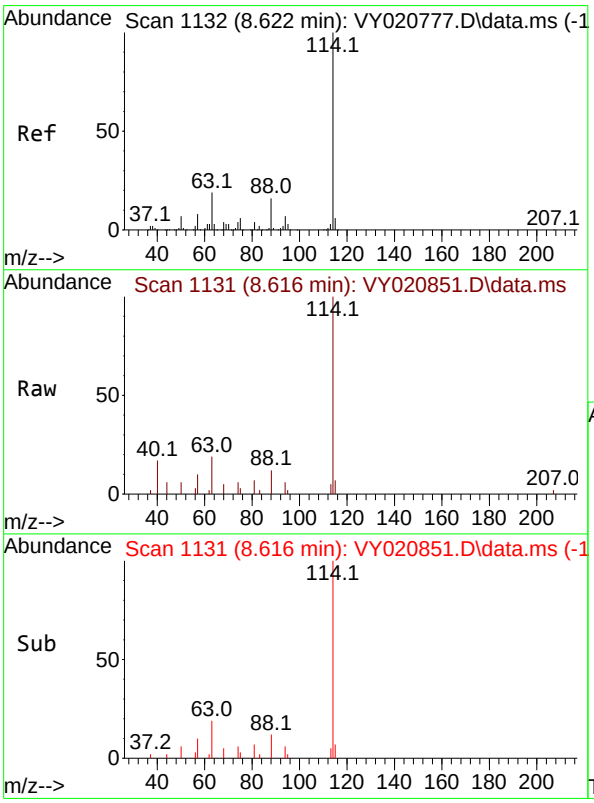
#33
1,2-Dichloroethane-d4
Concen: 64.464 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY020851.D
Acq: 17 Jan 2025 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 2081

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.8

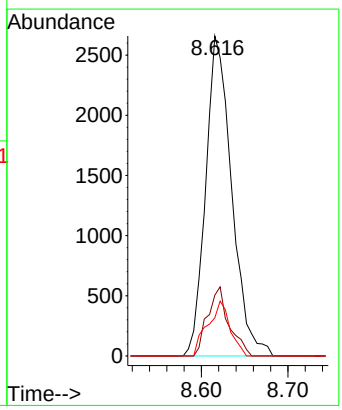


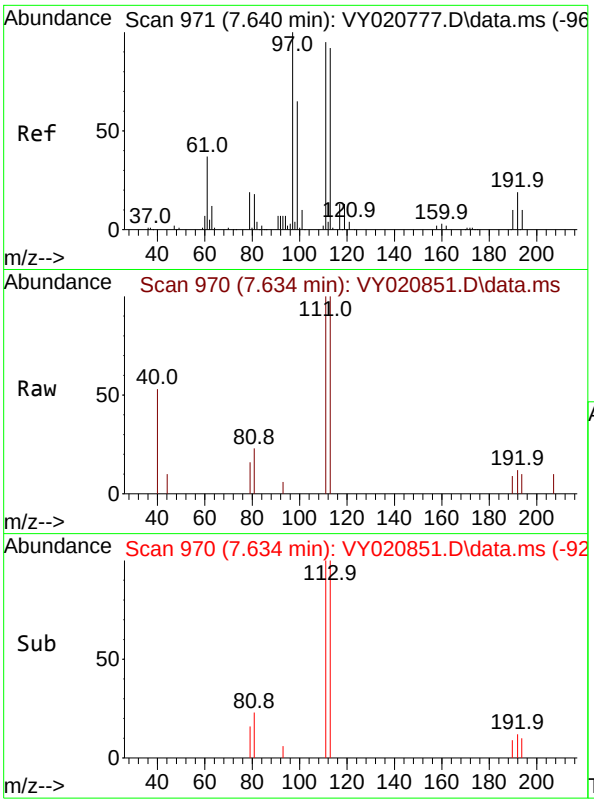


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020851.D
Acq: 17 Jan 2025 13:36

Tgt Ion:114 Resp: 5548

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.4
88	12.0	0.0	31.2



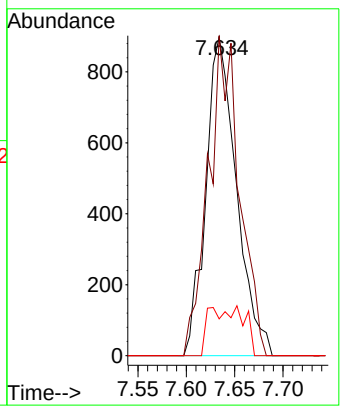


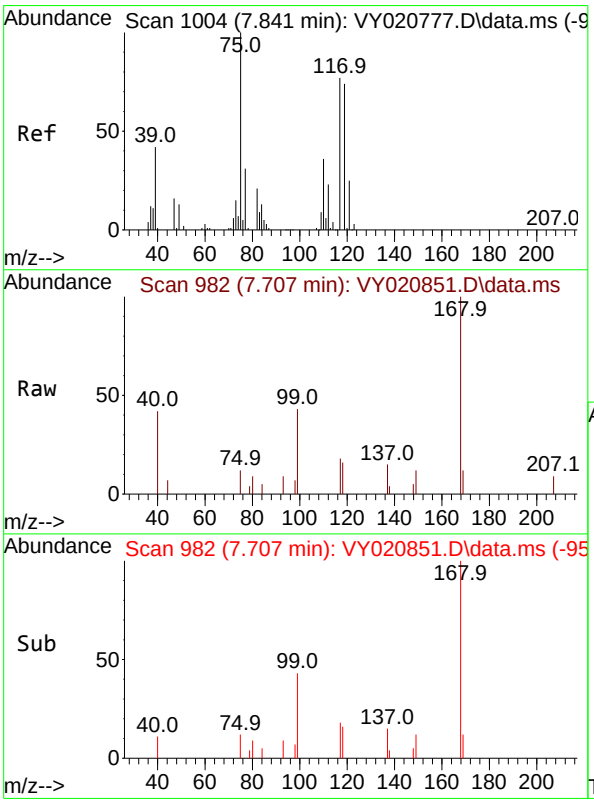
#35
Dibromofluoromethane
Concen: 57.081 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY020851.D
Acq: 17 Jan 2025 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 1984

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.7	122.5
192	6.9	16.7	25.1#

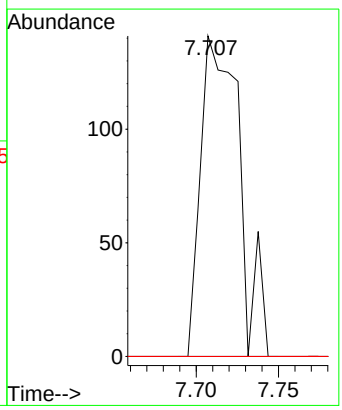


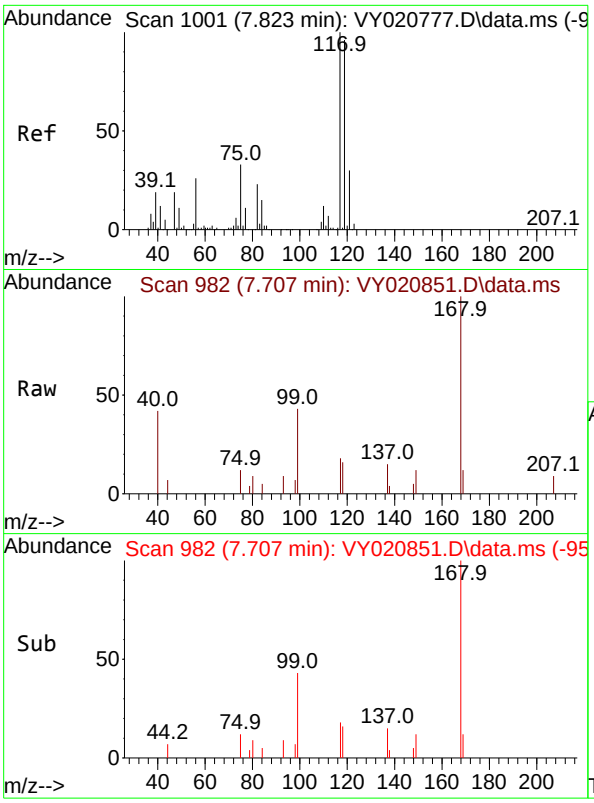


#36
1,1-Dichloropropene
Concen: 5.211 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY020851.D
Acq: 17 Jan 2025 13:36

Tgt Ion: 75 Resp: 231

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



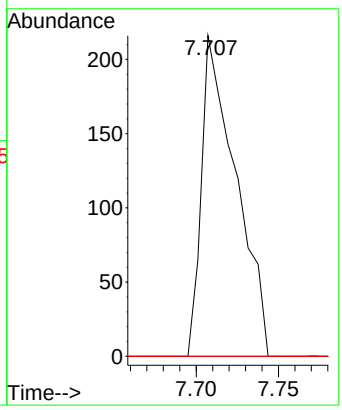


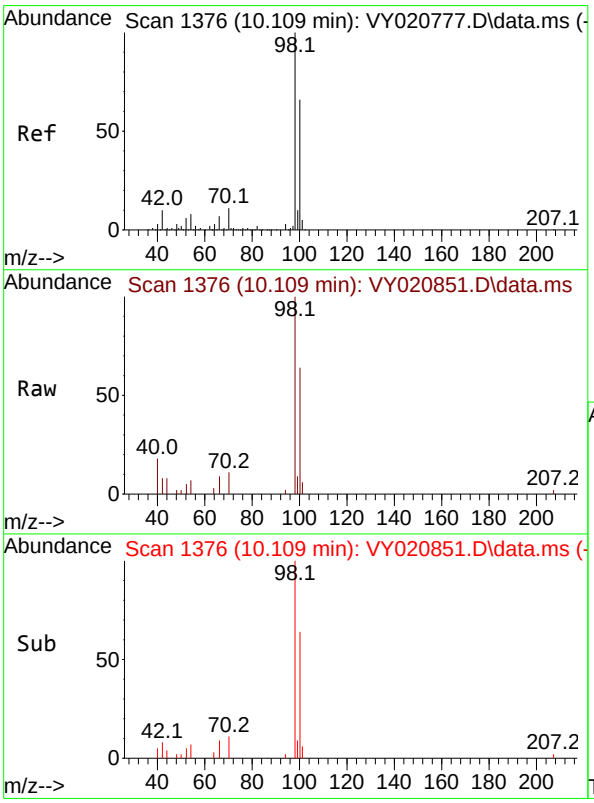
#38
Carbon Tetrachloride
Concen: 5.072 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.116 min
Lab File: VY020851.D
Acq: 17 Jan 2025 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 313

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

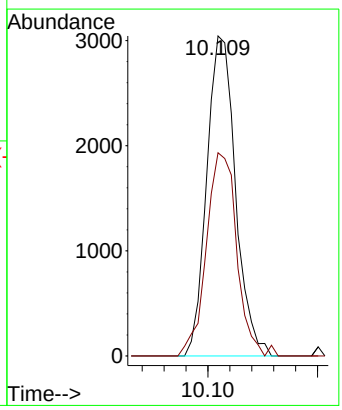


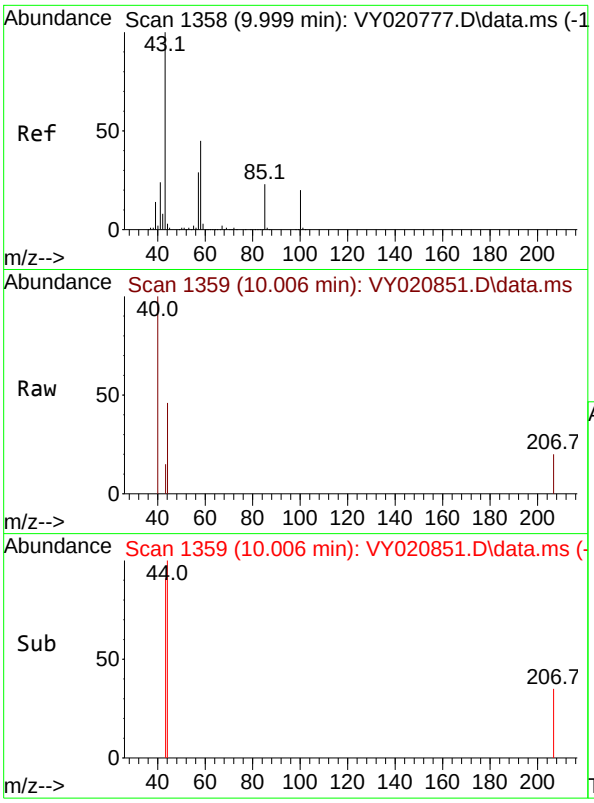


#50
Toluene-d8
Concen: 45.780 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020851.D
Acq: 17 Jan 2025 13:36

Tgt Ion: 98 Resp: 5547

Ion	Ratio	Lower	Upper
98	100		
100	67.2	52.5	78.7



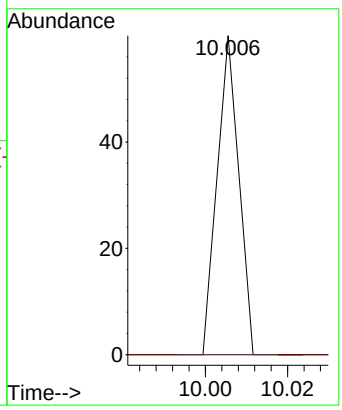


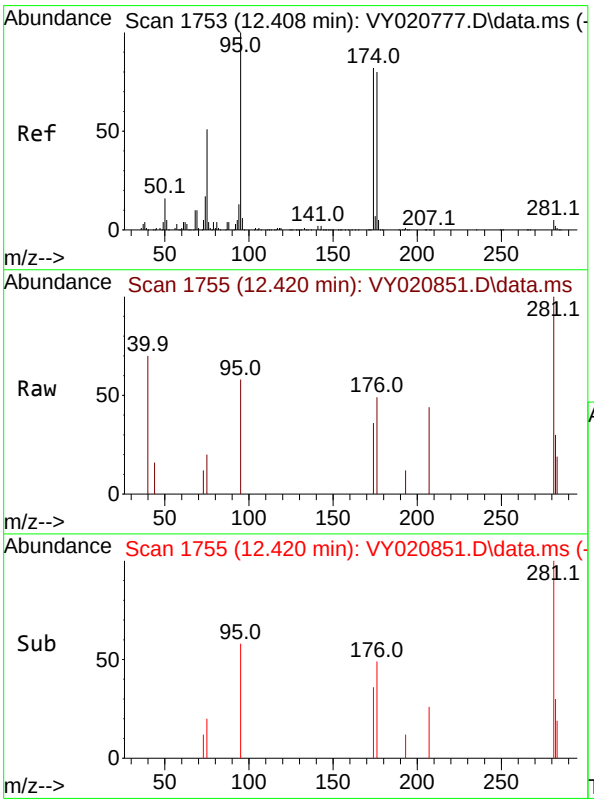
#51
4-Methyl-2-Pentanone
Concen: 1.227 ug/l
RT: 10.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY020851.D
Acq: 17 Jan 2025 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 22

Ion	Ratio	Lower	Upper
43	100		
58	0.0	34.8	52.2#

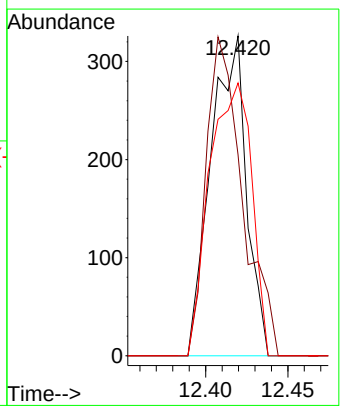


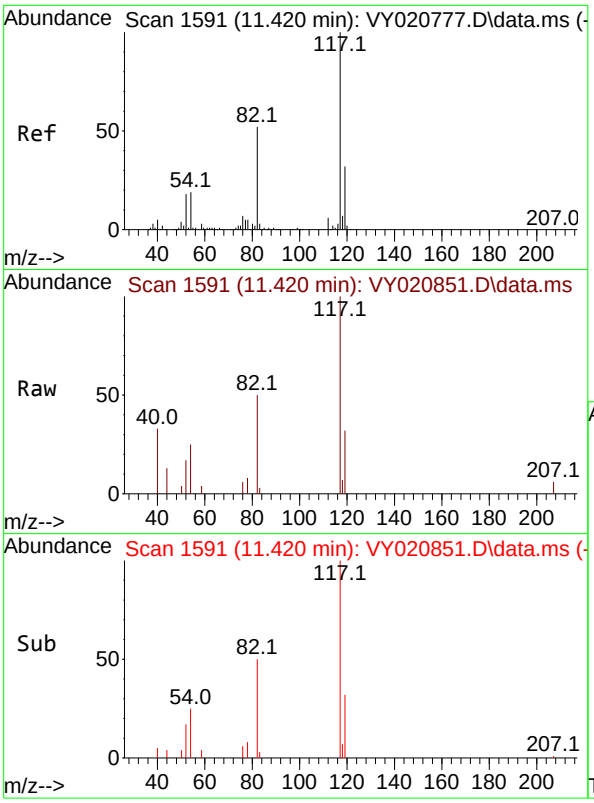


#62
4-Bromofluorobenzene
Concen: 10.929 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.012 min
Lab File: VY020851.D
Acq: 17 Jan 2025 13:36

Tgt Ion: 95 Resp: 489

Ion	Ratio	Lower	Upper
95	100		
174	102.0	0.0	178.0
176	101.2	0.0	172.0



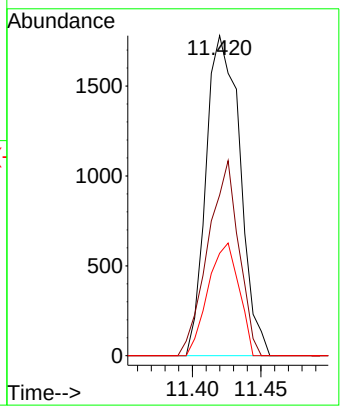


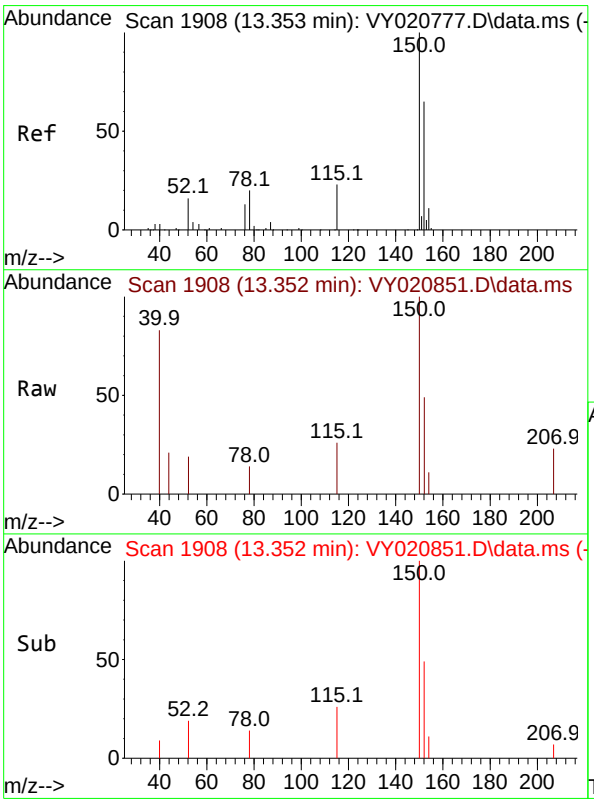
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY020851.D
Acq: 17 Jan 2025 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 3068

Ion	Ratio	Lower	Upper
117	100		
82	50.2	41.8	62.6
119	32.0	25.8	38.8

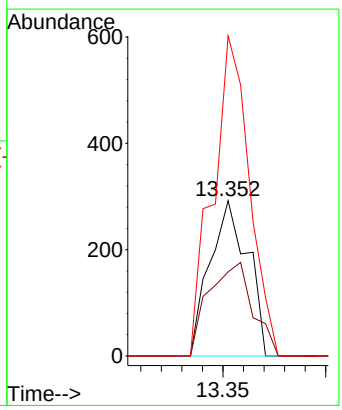


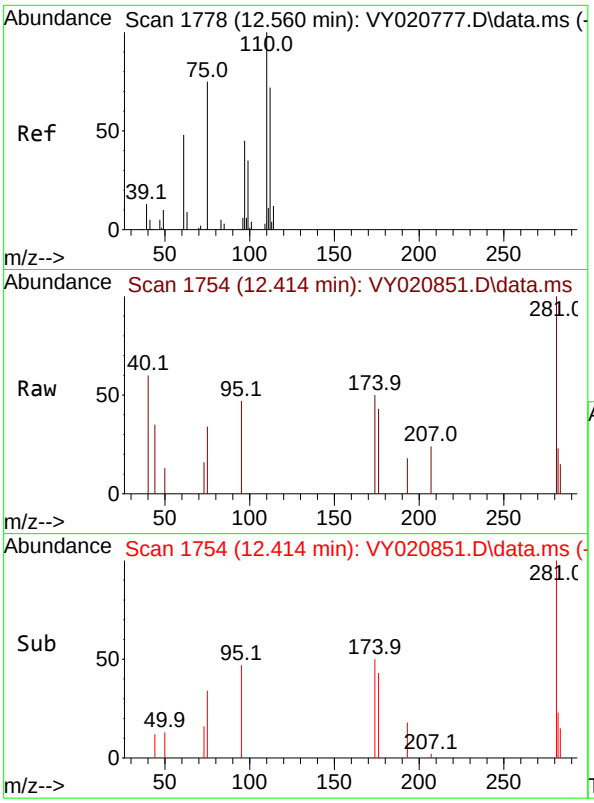


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY020851.D
Acq: 17 Jan 2025 13:36

Tgt Ion:152 Resp: 375

Ion	Ratio	Lower	Upper
152	100		
115	69.3	29.0	87.0
150	198.7	0.0	347.4



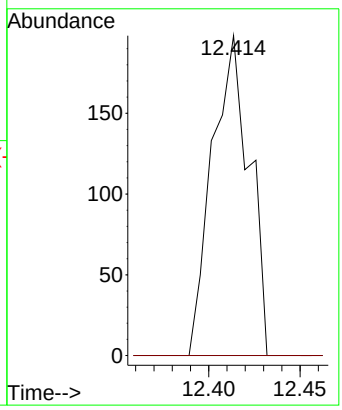


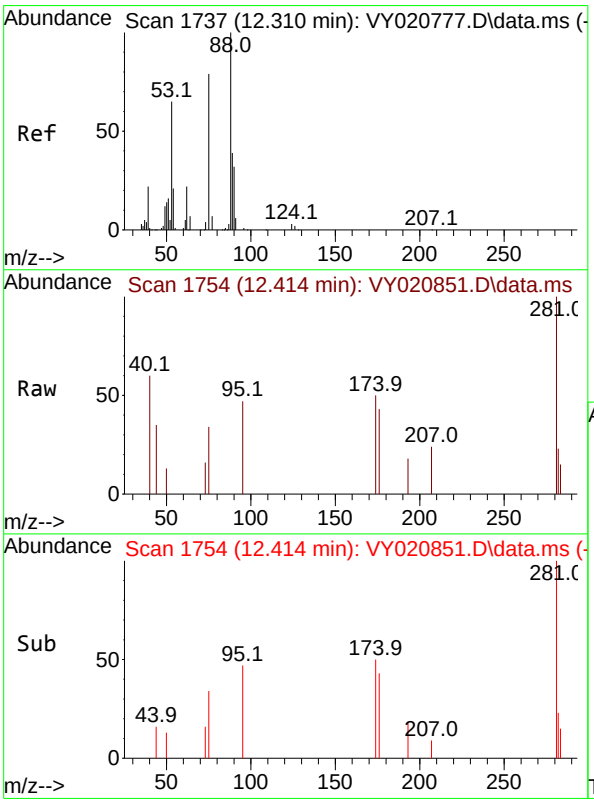
#76
1,2,3-Trichloropropane
Concen: 85.335 ug/l
RT: 12.414 min Scan# 1
Delta R.T. -0.146 min
Lab File: VY020851.D
Acq: 17 Jan 2025 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 280

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

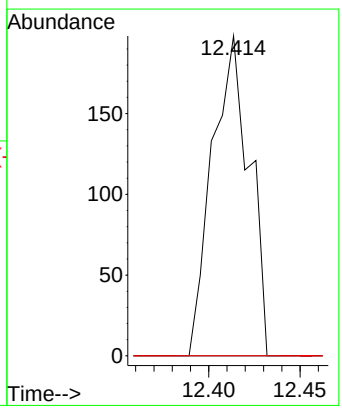


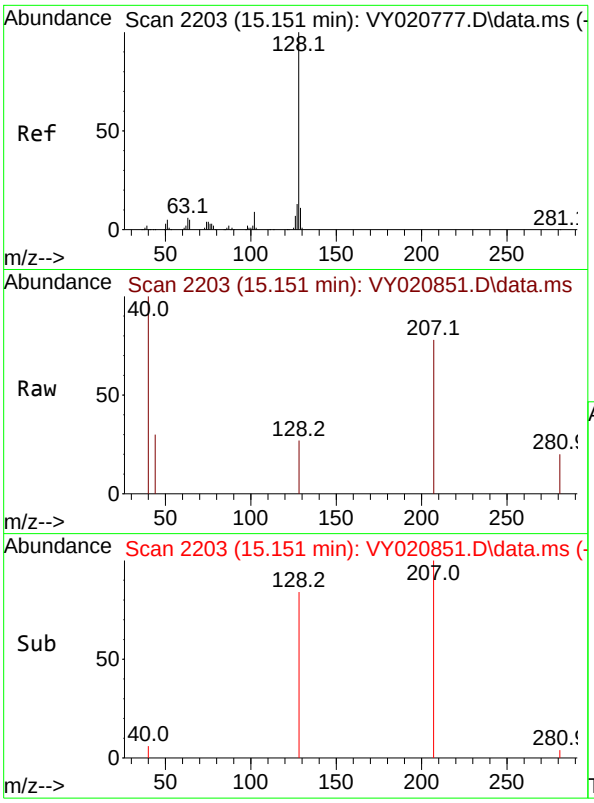


#81
trans-1,4-Dichloro-2-butene
Concen: 179.933 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.104 min
Lab File: VY020851.D
Acq: 17 Jan 2025 13:36

Tgt Ion: 75 Resp: 280

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





#95
Naphthalene
Concen: 10.963 ug/l
RT: 15.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY020851.D
Acq: 17 Jan 2025 13:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 121

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.6	12.8#