Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
Data File : VY020837.D
Acq On : 15 Jan 2025 17:13
Operator : SY/MD
Sample : 01094-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 16 01:00:46 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	80893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	129085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	105955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	39675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	36845	53.588	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.180%			
35) Dibromofluoromethane	7.640	113	41429	51.229	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.460%			
50) Toluene-d8	10.109	98	146156	51.844	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.680%			
62) 4-Bromofluorobenzene	12.408	95	43330	41.621	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 83.240%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.878	59	107	2.060	ug/l #	73
16) Acetone	3.879	43	513	5.247	ug/l #	41
31) Cyclohexane	7.707	56	1289	1.288	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	5455	5.288	ug/l #	49
38) Carbon Tetrachloride	7.707	117	7500	5.223	ug/l #	17
51) 4-Methyl-2-Pentanone	10.006	43	607	1.455	ug/l	92
76) 1,2,3-Trichloropropane	12.408	75	20898	60.199	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	20898	126.932	ug/l #	14
95) Naphthalene	15.151	128	8021	6.869	ug/l #	95

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

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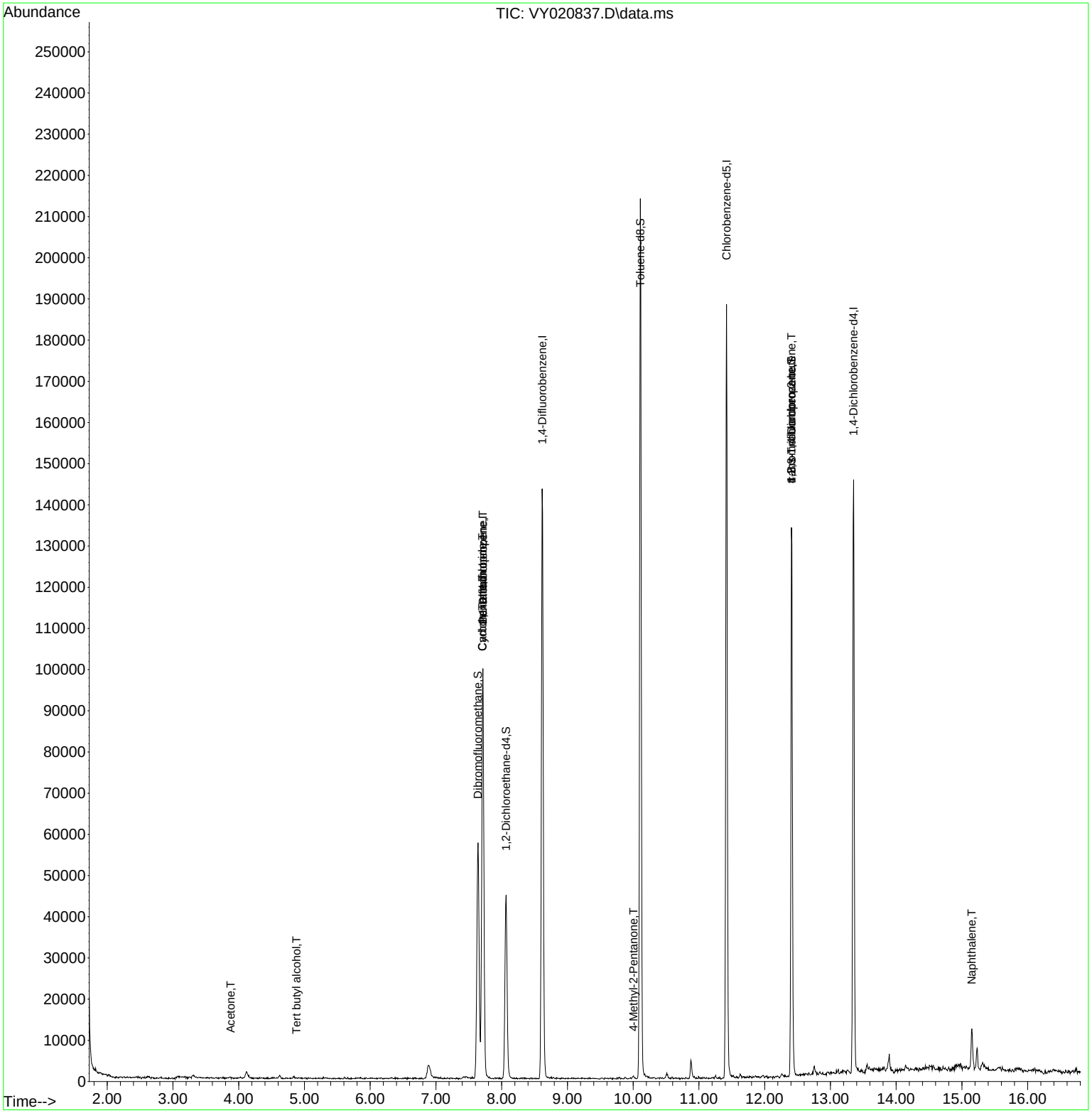
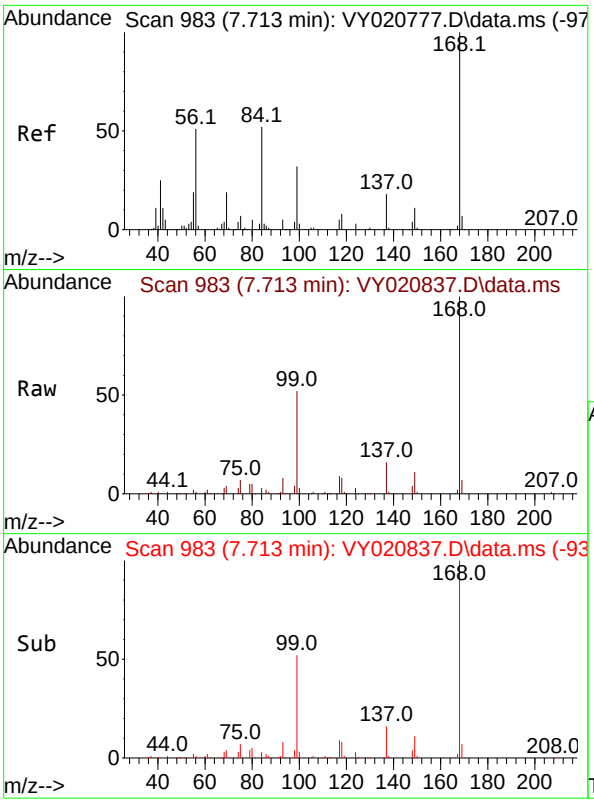


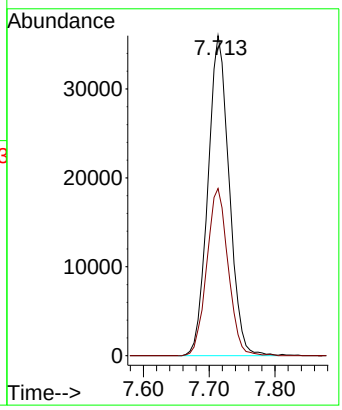


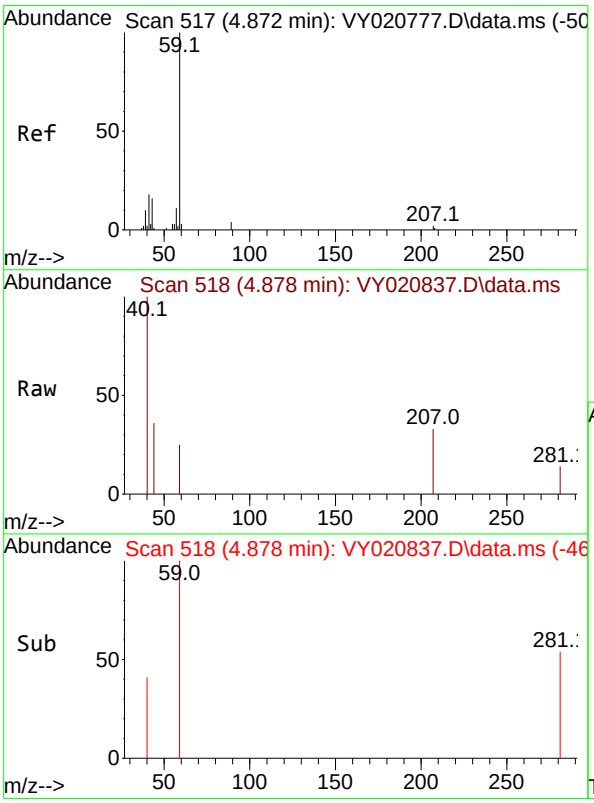
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY020837.D
Acq: 15 Jan 2025 17:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 80893

Ion	Ratio	Lower	Upper
168	100		
99	52.3	44.3	66.5

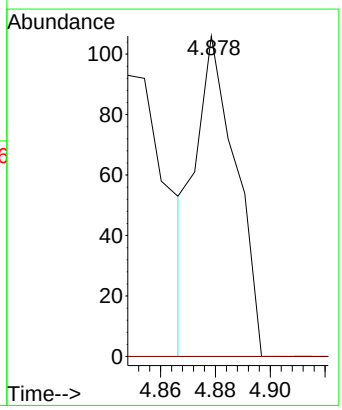


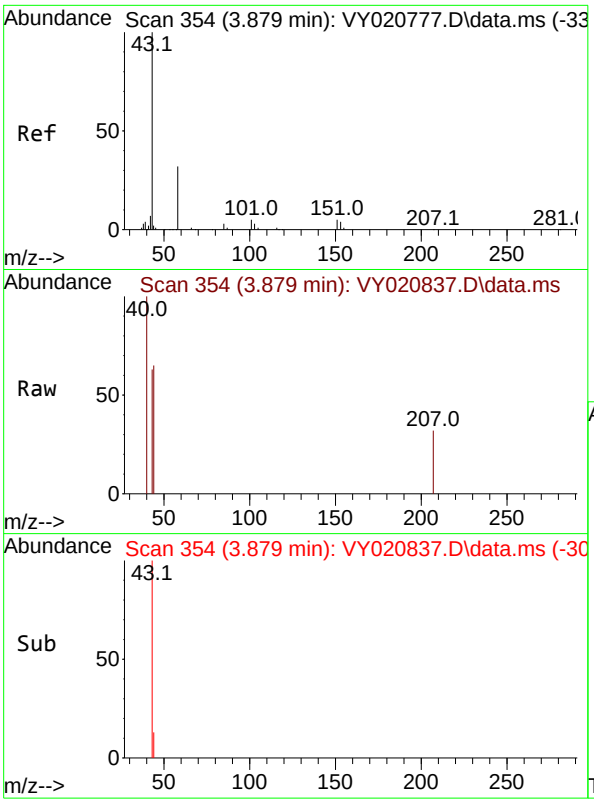


#11
Tert butyl alcohol
Concen: 2.060 ug/l
RT: 4.878 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY020837.D
Acq: 15 Jan 2025 17:13

Tgt Ion: 59 Resp: 107

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



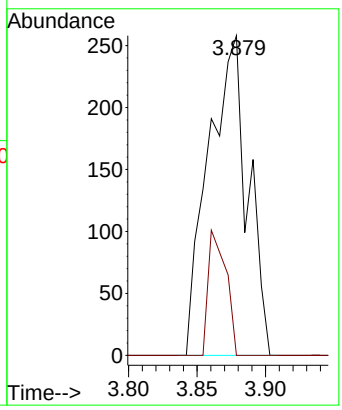


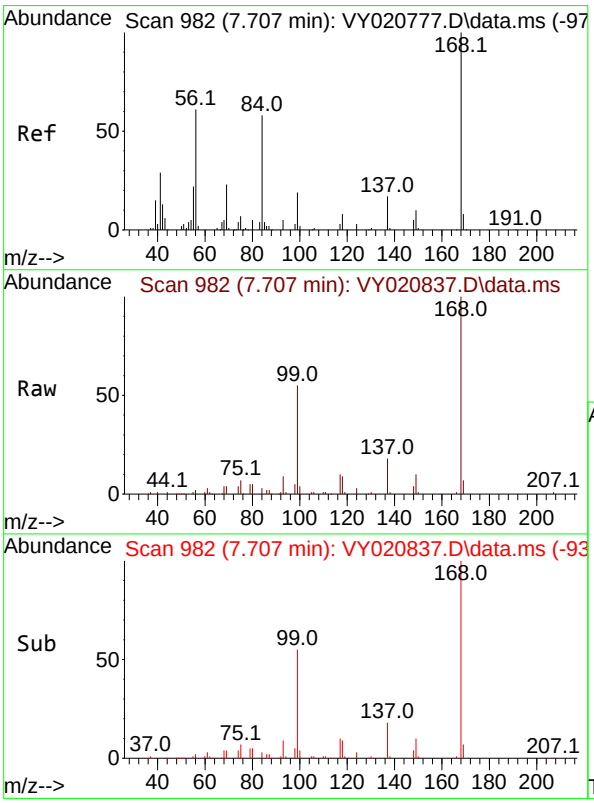
#16
Acetone
Concen: 5.247 ug/l
RT: 3.879 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY020837.D
Acq: 15 Jan 2025 17:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 513

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.7	40.1#

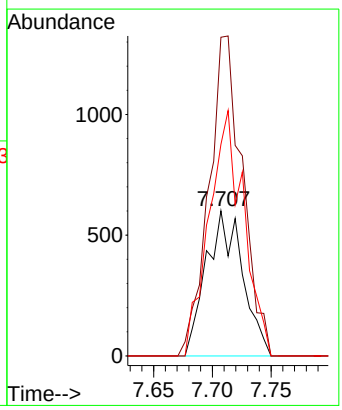


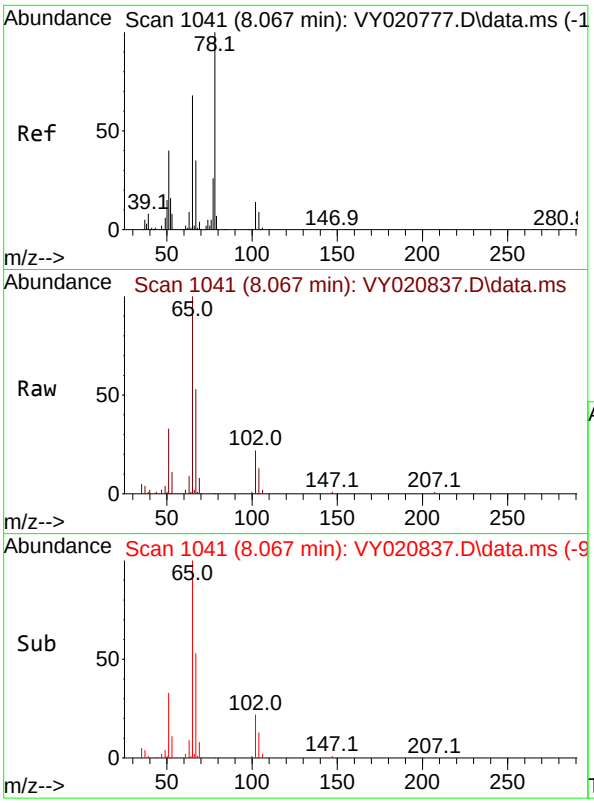


#31
Cyclohexane
Concen: 1.288 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020837.D
Acq: 15 Jan 2025 17:13

Tgt Ion: 56 Resp: 1289

Ion	Ratio	Lower	Upper
56	100		
69	219.6	30.5	45.7#
84	145.8	76.6	115.0#



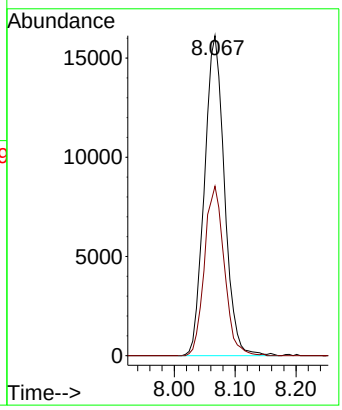


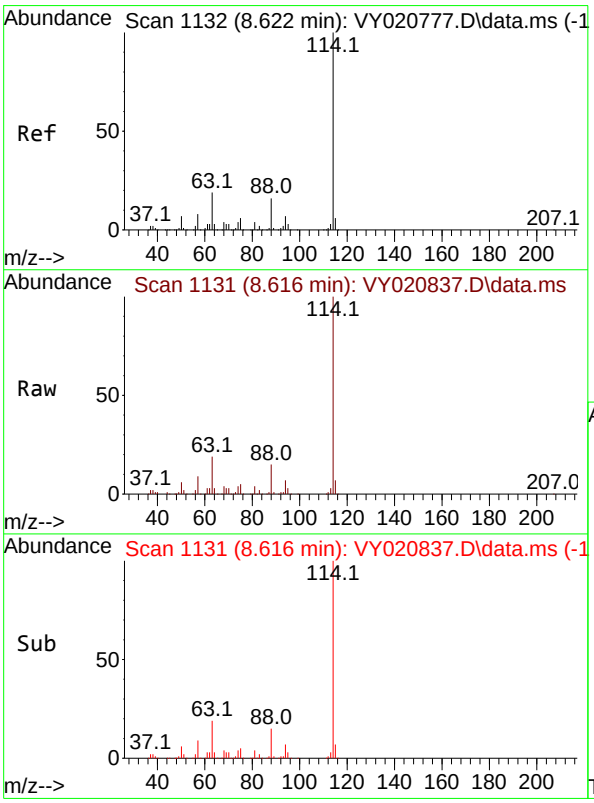
#33
1,2-Dichloroethane-d4
Concen: 53.588 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020837.D
Acq: 15 Jan 2025 17:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 36845

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	102.8

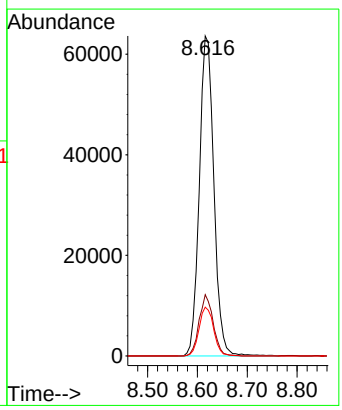


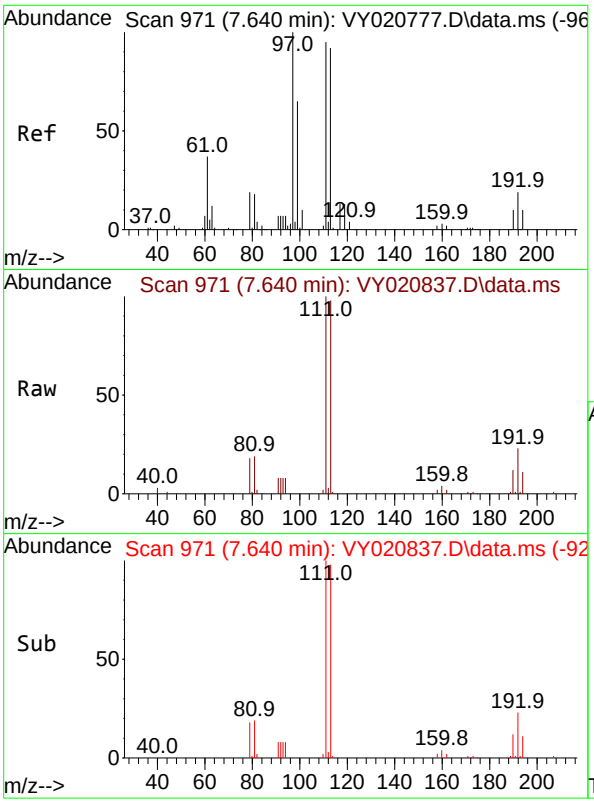


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020837.D
Acq: 15 Jan 2025 17:13

Tgt Ion:114 Resp: 129085

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.4
88	15.2	0.0	31.2



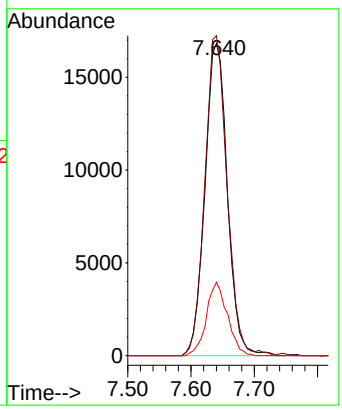


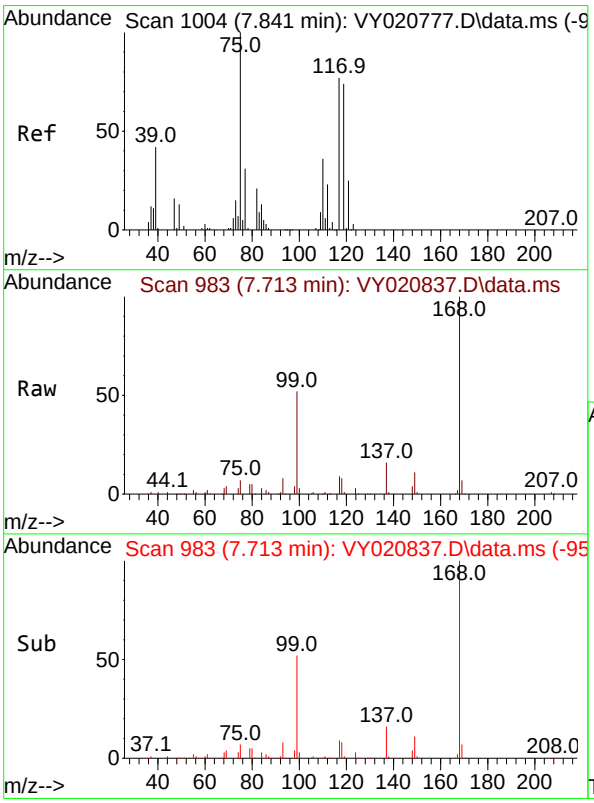
#35
Dibromofluoromethane
Concen: 51.229 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY020837.D
Acq: 15 Jan 2025 17:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 41429

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.7	122.5
192	22.2	16.7	25.1

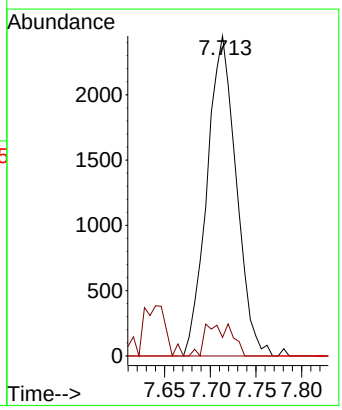


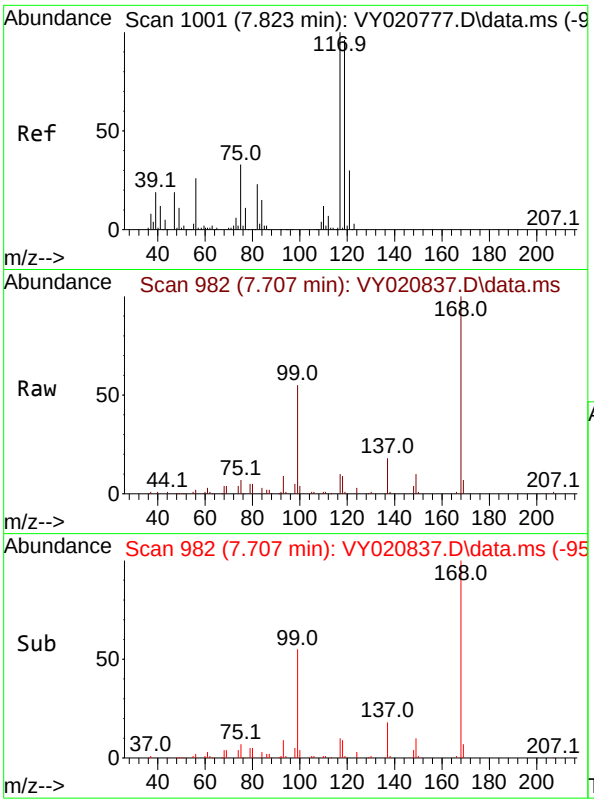


#36
1,1-Dichloropropene
Concen: 5.288 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020837.D
Acq: 15 Jan 2025 17:13

Tgt Ion: 75 Resp: 5455

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.5	55.5#
77	0.0	25.0	37.4#



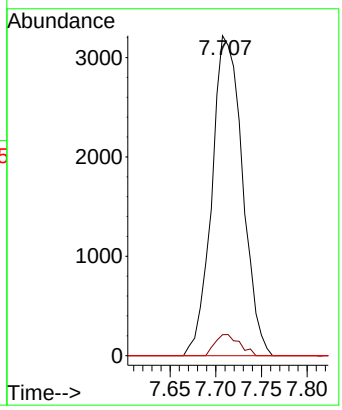


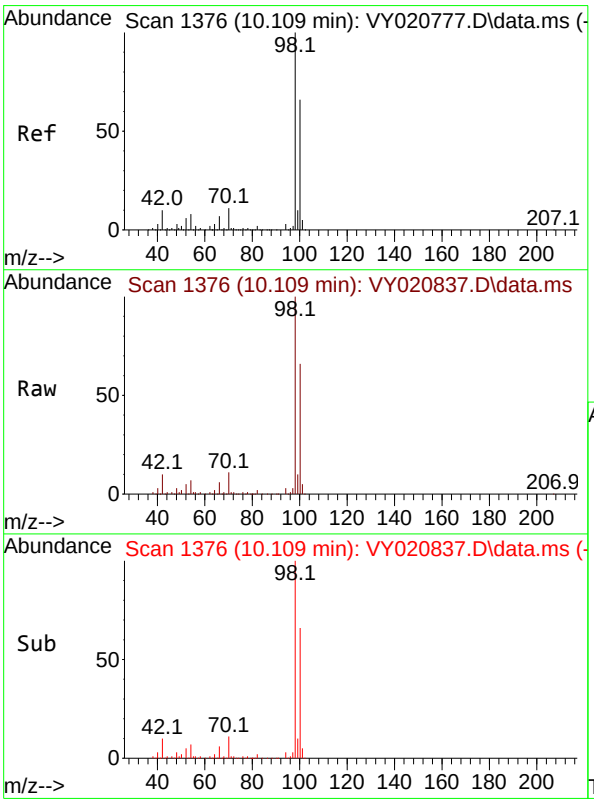
#38
Carbon Tetrachloride
Concen: 5.223 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.116 min
Lab File: VY020837.D
Acq: 15 Jan 2025 17:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 7500

Ion	Ratio	Lower	Upper
117	100		
119	6.6	76.5	114.7#
121	0.0	24.3	36.5#

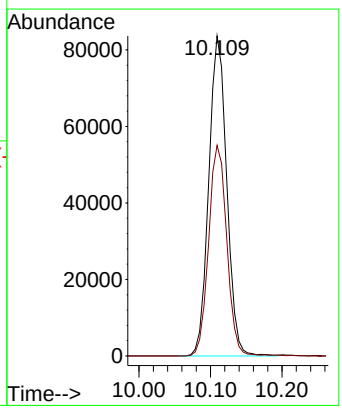


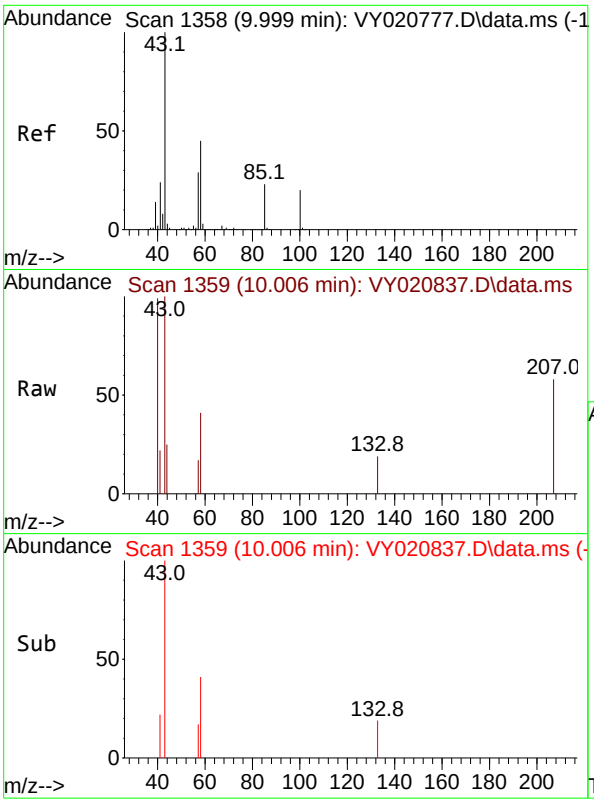


#50
Toluene-d8
Concen: 51.844 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020837.D
Acq: 15 Jan 2025 17:13

Tgt Ion: 98 Resp: 146156

Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.5	78.7



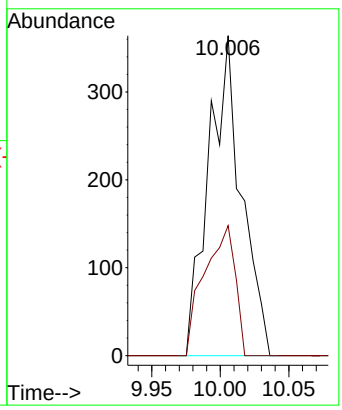


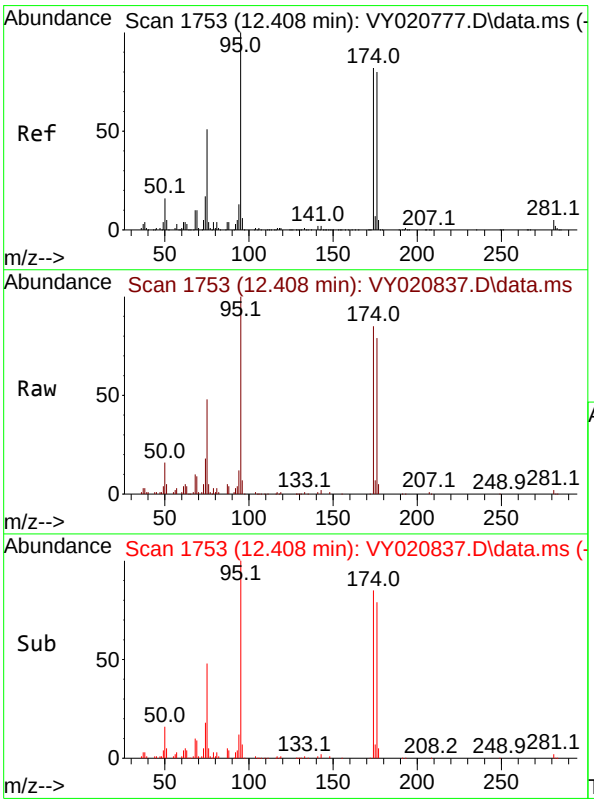
#51
4-Methyl-2-Pentanone
Concen: 1.455 ug/l
RT: 10.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY020837.D
Acq: 15 Jan 2025 17:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 607

Ion	Ratio	Lower	Upper
43	100		
58	38.1	34.8	52.2

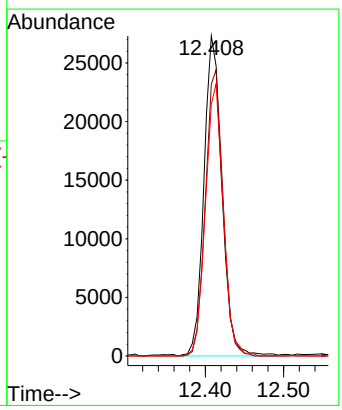


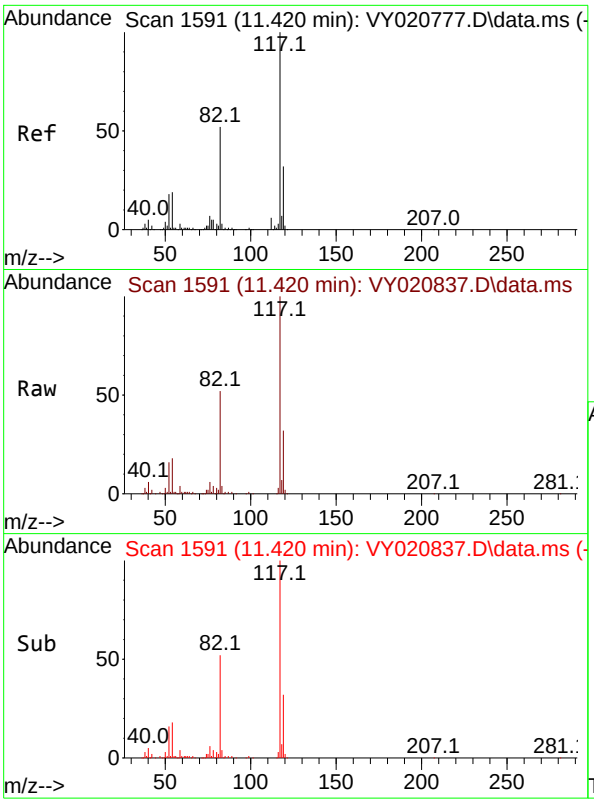


#62
4-Bromofluorobenzene
Concen: 41.621 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020837.D
Acq: 15 Jan 2025 17:13

Tgt Ion: 95 Resp: 43330

Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	178.0
176	84.7	0.0	172.0



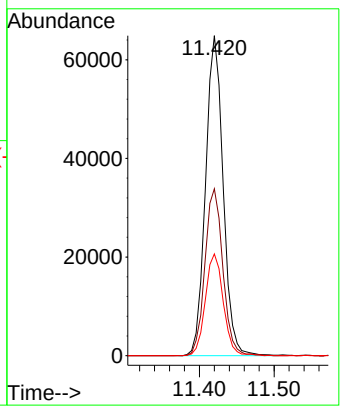


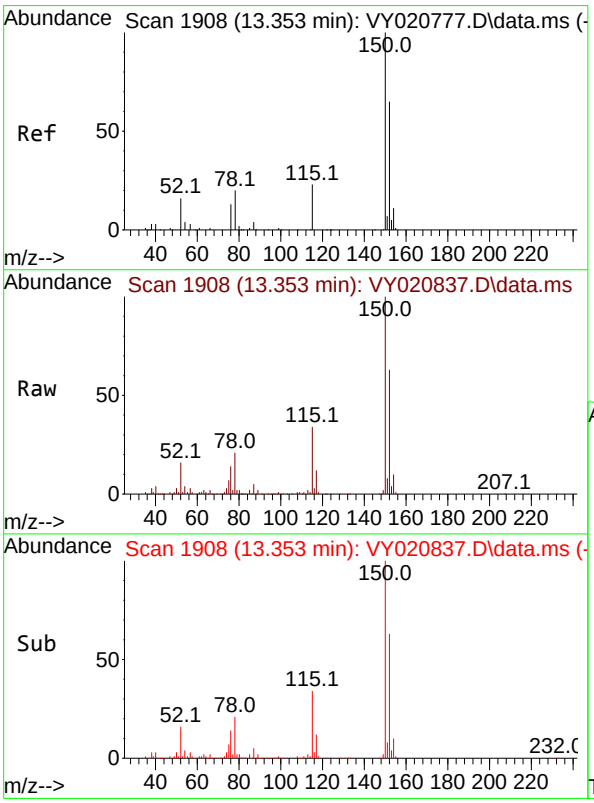
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020837.D
Acq: 15 Jan 2025 17:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 105955

Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.8	62.6
119	31.8	25.8	38.8

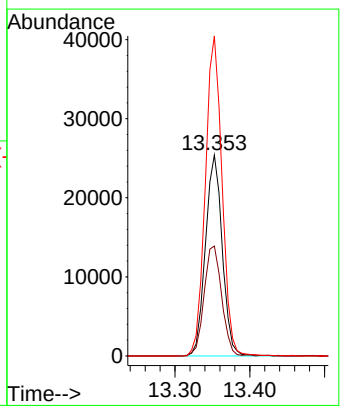


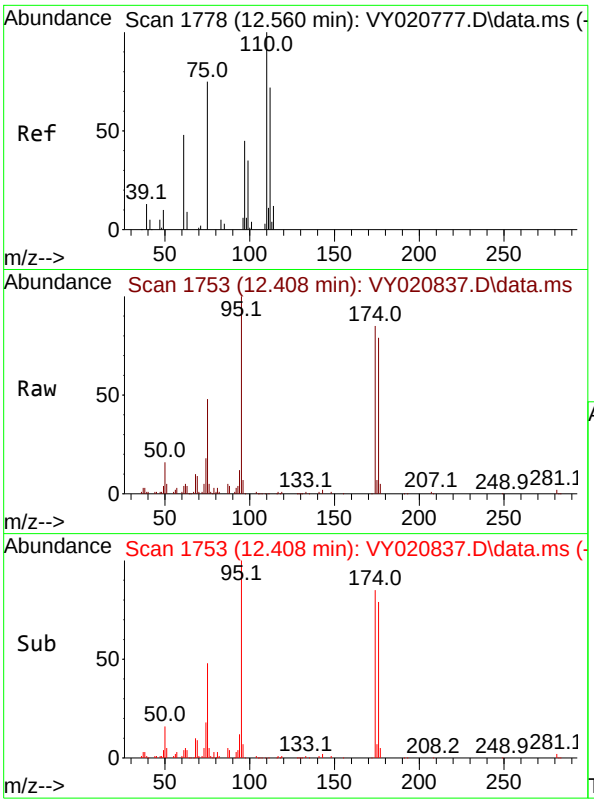


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY020837.D
Acq: 15 Jan 2025 17:13

Tgt Ion:152 Resp: 39675

Ion	Ratio	Lower	Upper
152	100		
115	57.3	29.0	87.0
150	158.0	0.0	347.4



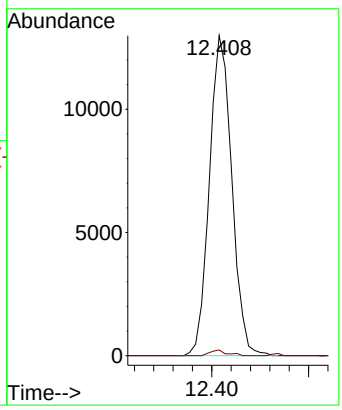


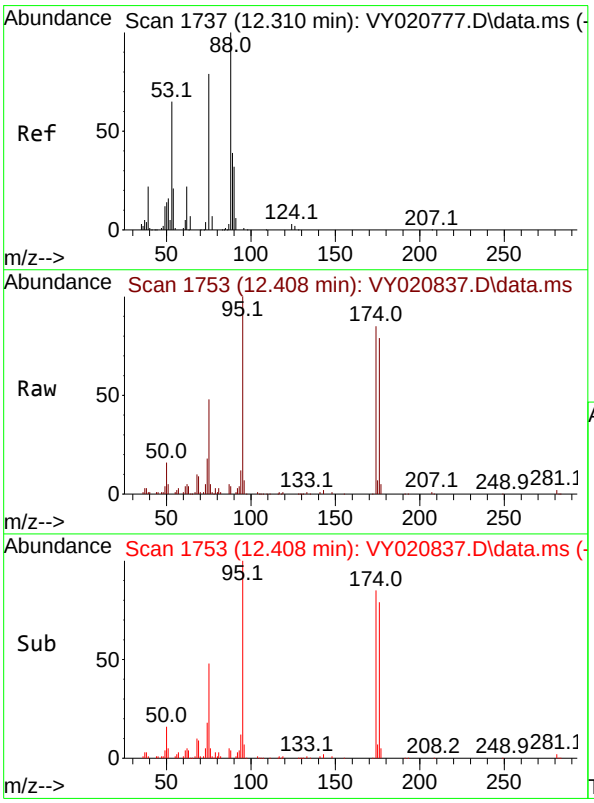
#76
1,2,3-Trichloropropane
Concen: 60.199 ug/l
RT: 12.408 min Scan# 1
Delta R.T. -0.152 min
Lab File: VY020837.D
Acq: 15 Jan 2025 17:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 20898

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

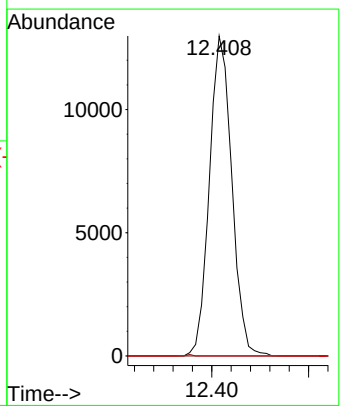


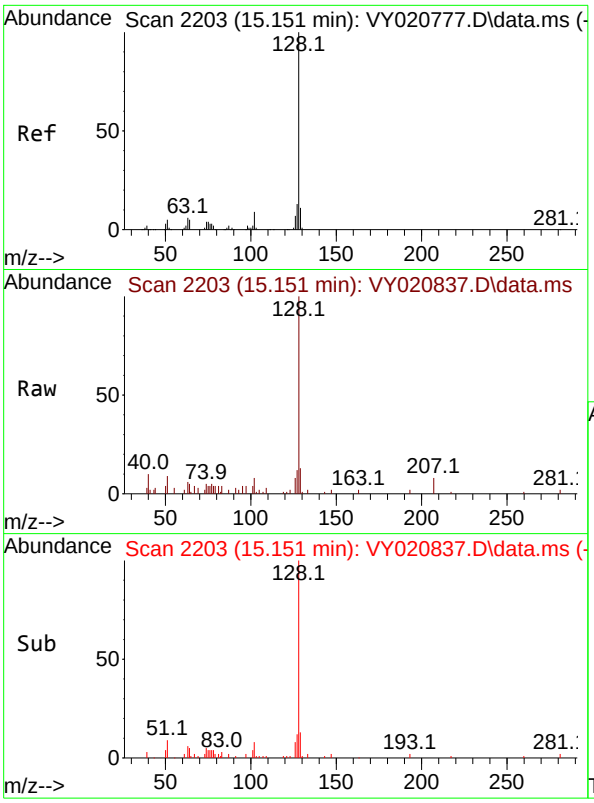


#81
trans-1,4-Dichloro-2-butene
Concen: 126.932 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY020837.D
Acq: 15 Jan 2025 17:13

Tgt Ion: 75 Resp: 20898

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





#95
Naphthalene
Concen: 6.869 ug/l
RT: 15.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY020837.D
Acq: 15 Jan 2025 17:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 8021

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.5	15.7
129	14.0	8.6	12.8#