Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD083120\
Data File : VD066475.D
Acq On : 31 Aug 2020 11:11
Operator : VA/SY
Sample : VD0831SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 01 01:00:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	199954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	273047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	243062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	130081	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	104502	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.62%			
35) Dibromofluoromethane	7.91	113	84745	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.26%			
50) Toluene-d8	10.34	98	309975	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.24%			
62) 4-Bromofluorobenzene	12.63	95	107304	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.82%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.19	59	1133	Below Cal	#	71
16) Acetone	4.17	43	639	1.808	ug/l #	46
20) Methylene Chloride	4.96	84	4762	Below Cal		93
31) Cyclohexane	7.97	56	5517	2.027	ug/l #	28
51) 4-Methyl-2-Pentanone	10.23	43	1229	1.494	ug/l #	57
76) 1,2,3-Trichloropropane	12.63	75	65842	71.949	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	65842	152.724	ug/l #	6

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

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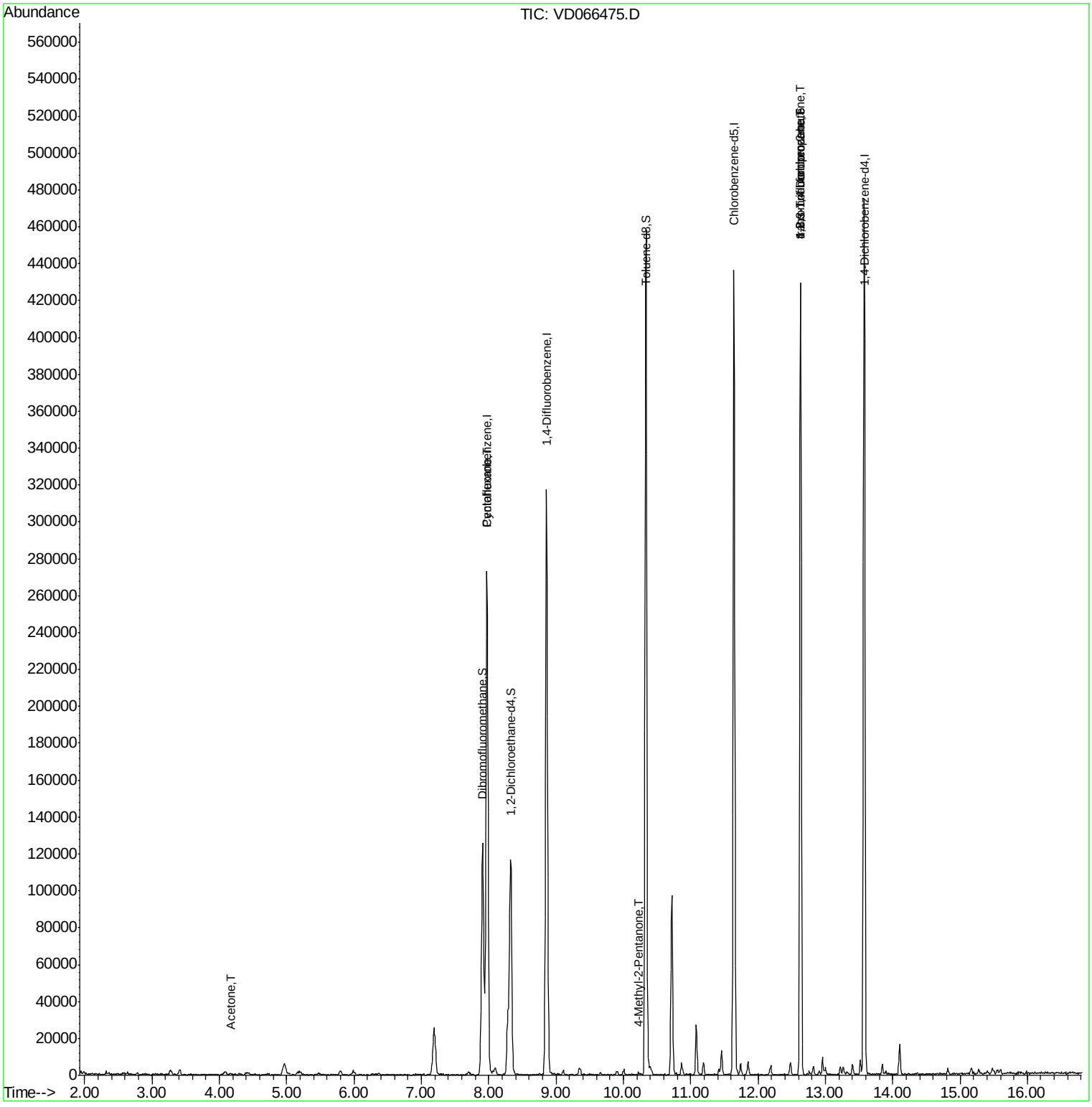
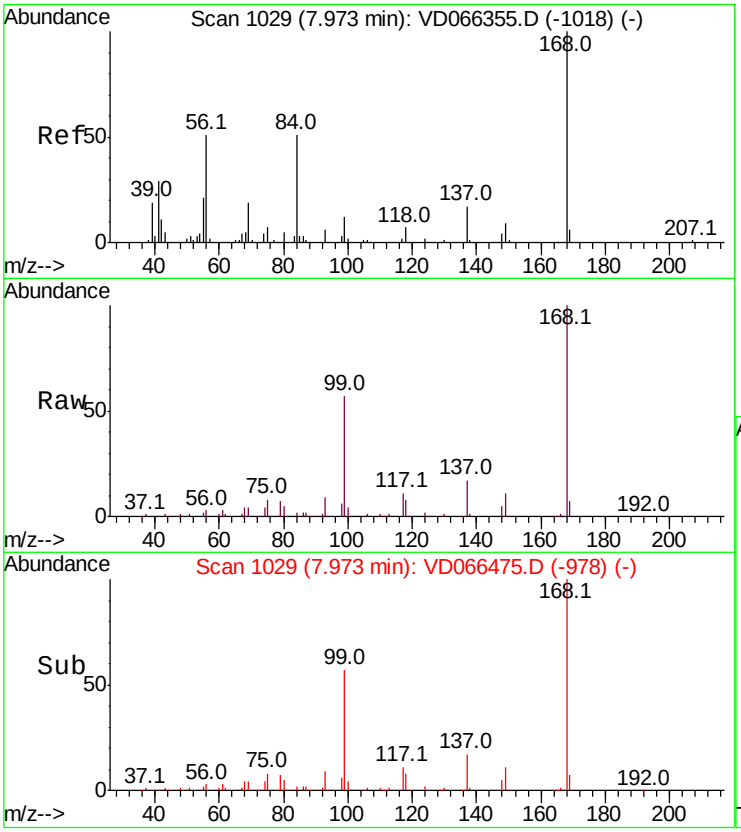
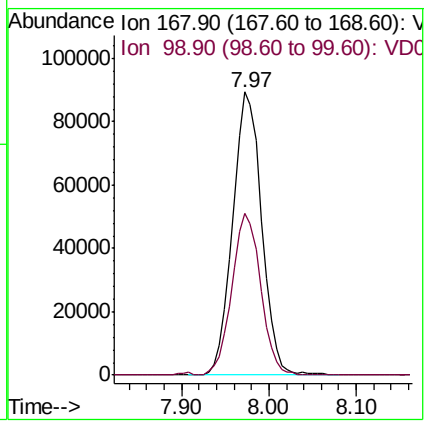


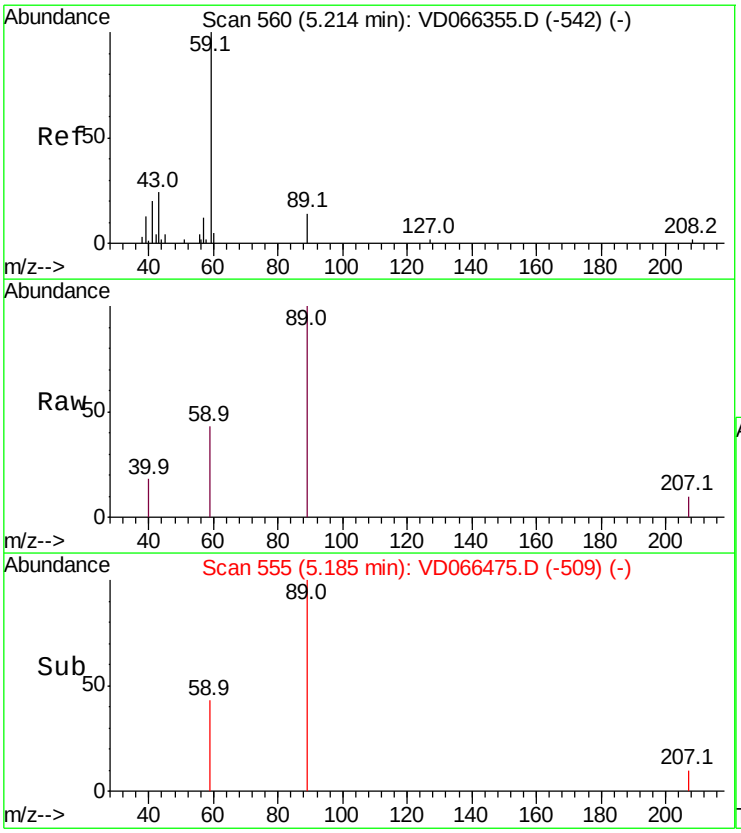


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VD066475.D
Acq: 31 Aug 2020 11:11

Tgt Ion:168 Resp: 199954

Ion	Ratio	Lower	Upper
168	100		
99	57.2	45.4	68.0

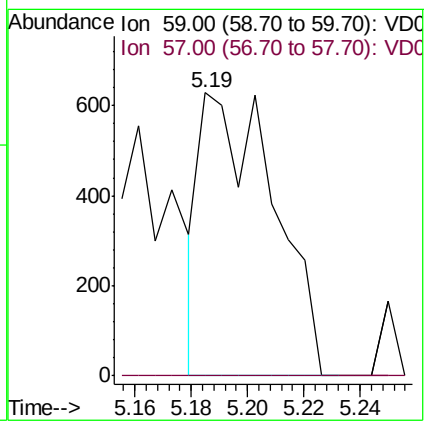


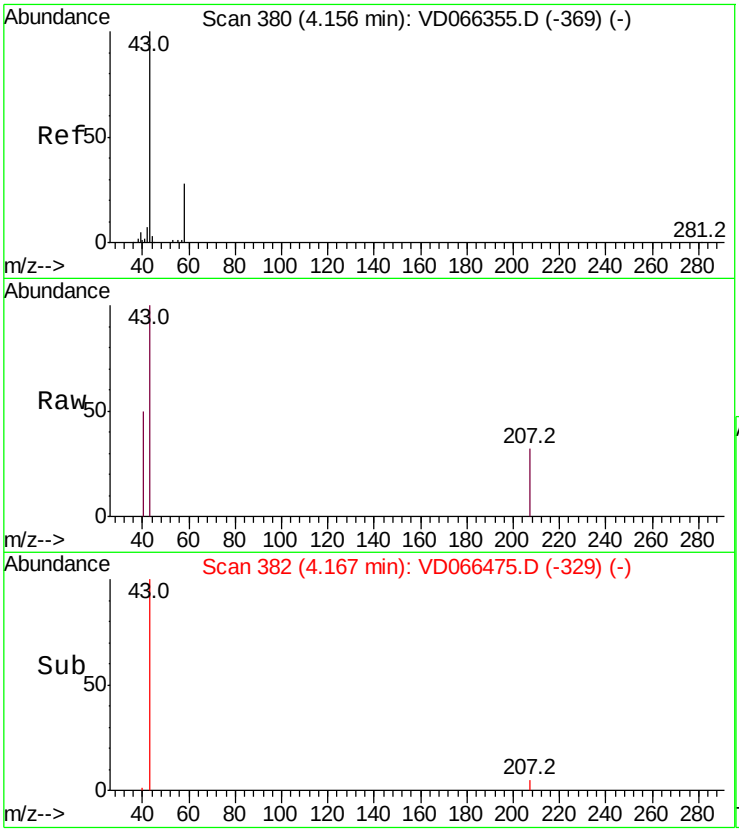


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.19 min Scan# 555
Delta R.T. -0.03 min
Lab File: VD066475.D
Acq: 31 Aug 2020 11:11

Tgt Ion: 59 Resp: 1133

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#

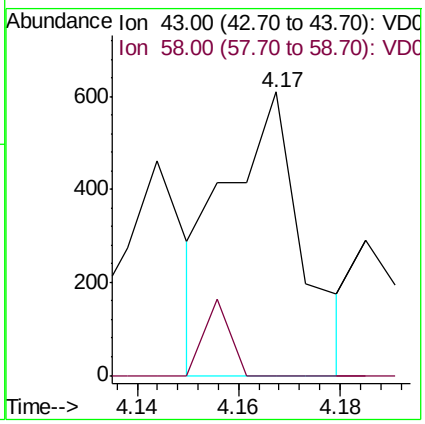


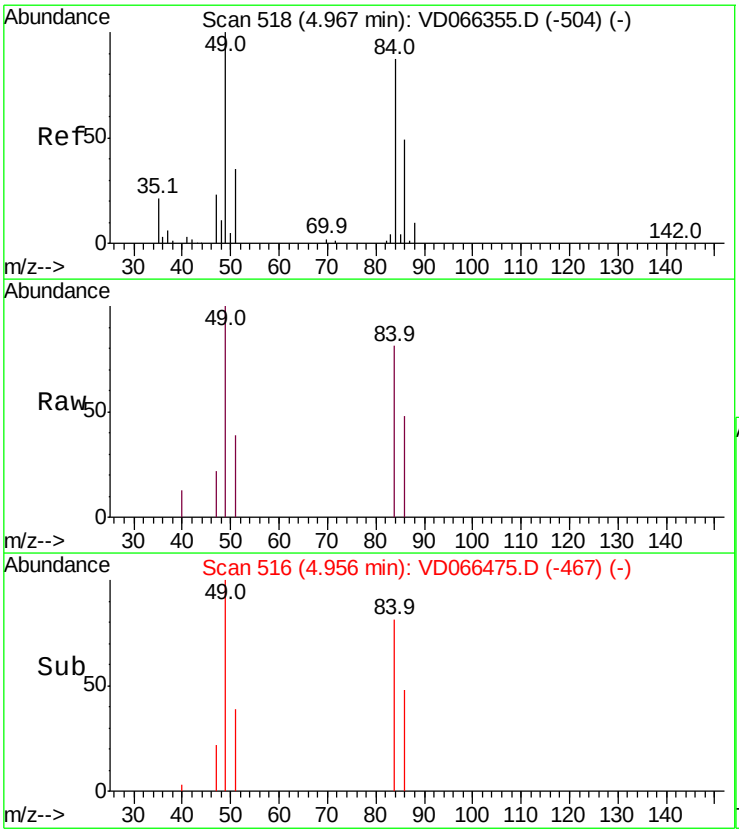


#16
Acetone
Concen: 1.808 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.01 min
Lab File: VD066475.D
Acq: 31 Aug 2020 11:11

Tgt Ion: 43 Resp: 639

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.7	34.1#

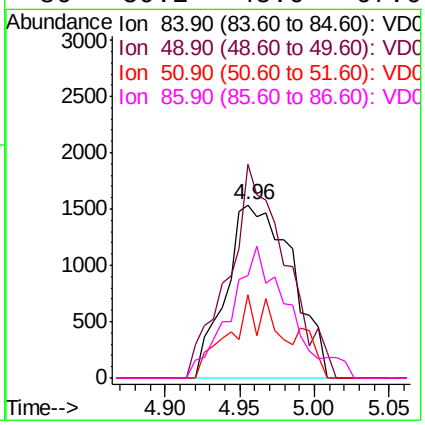


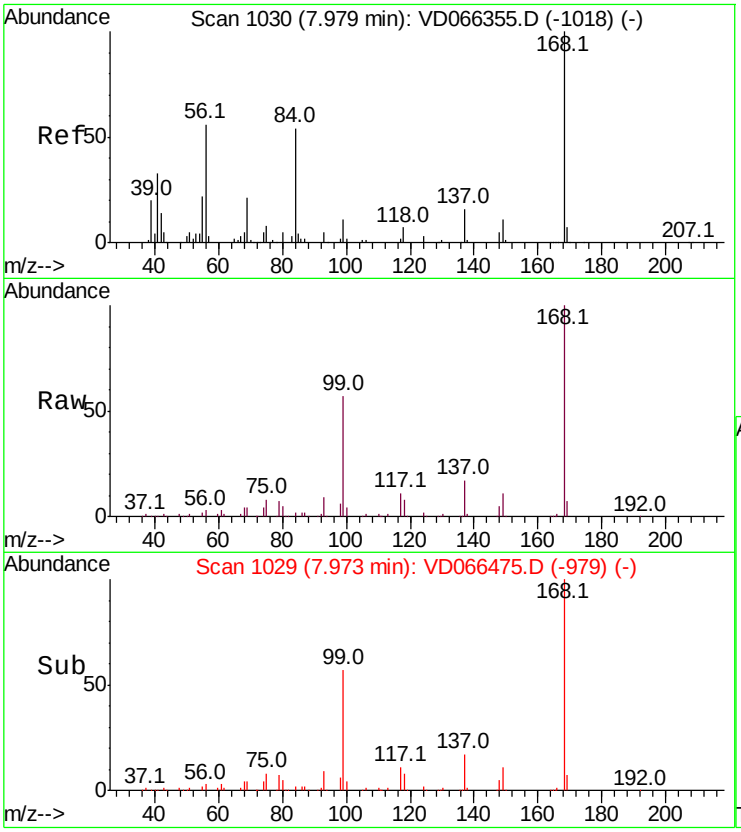


#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066475.D
Acq: 31 Aug 2020 11:11

Tgt Ion: 84 Resp: 4762

Ion	Ratio	Lower	Upper
84	100		
49	123.5	92.5	138.7
51	48.1	32.5	48.7
86	59.2	45.0	67.6

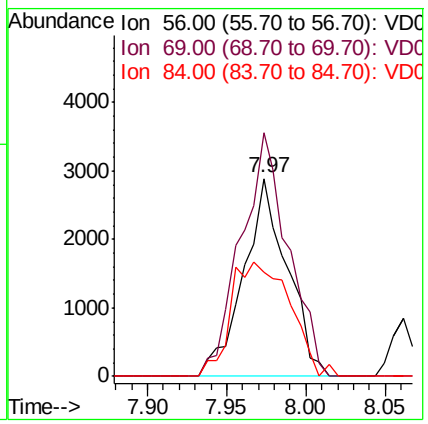


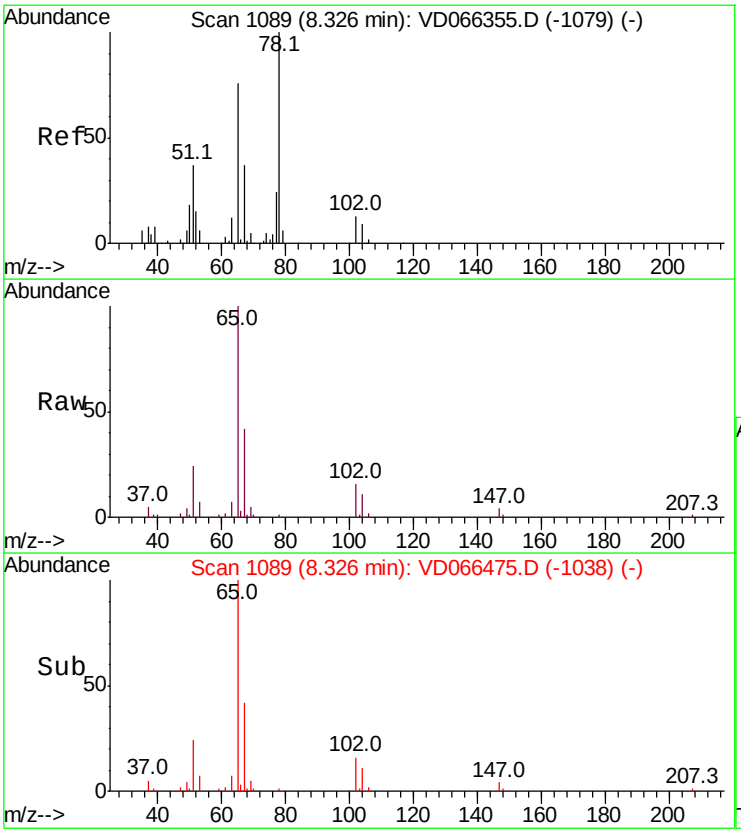


#31
Cyclohexane
Concen: 2.027 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066475.D
Acq: 31 Aug 2020 11:11

Tgt Ion: 56 Resp: 5517

Ion	Ratio	Lower	Upper
56	100		
69	123.0	29.6	44.4#
84	52.9	76.6	115.0#

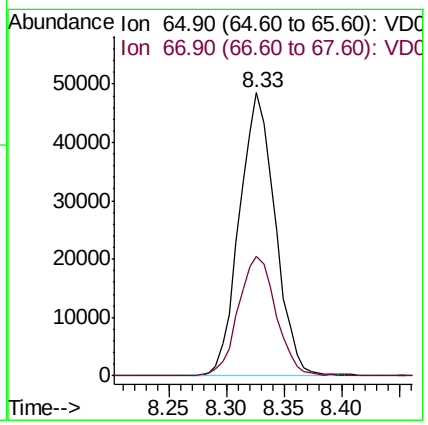


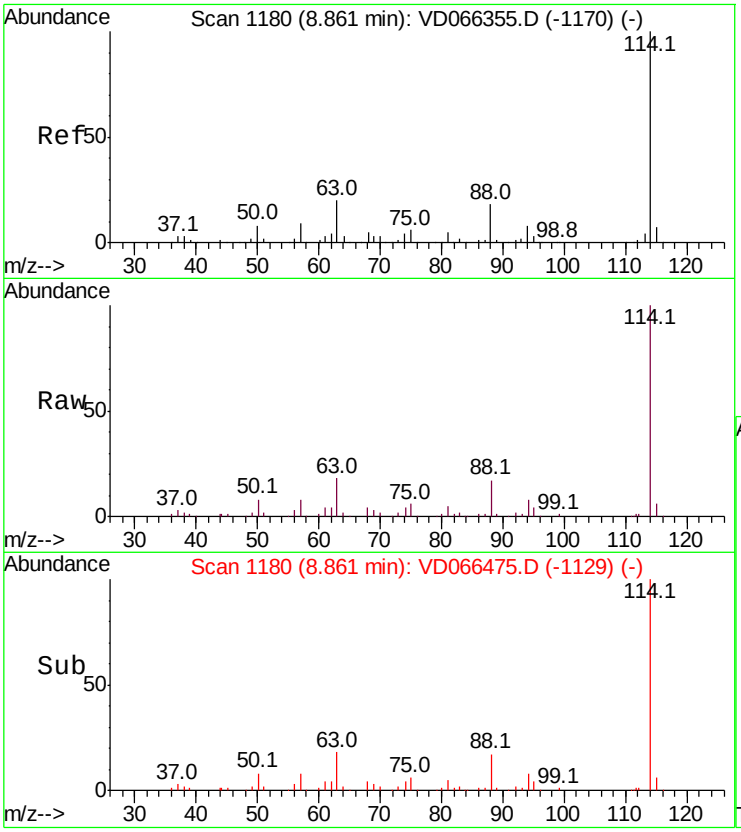


#33
1,2-Dichloroethane-d4
Concen: 53.308 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066475.D
Acq: 31 Aug 2020 11:11

Tgt Ion: 65 Resp: 104502

Ion	Ratio	Lower	Upper
65	100		
67	44.4	0.0	101.6

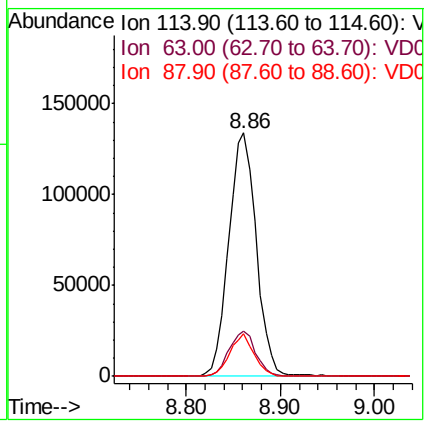


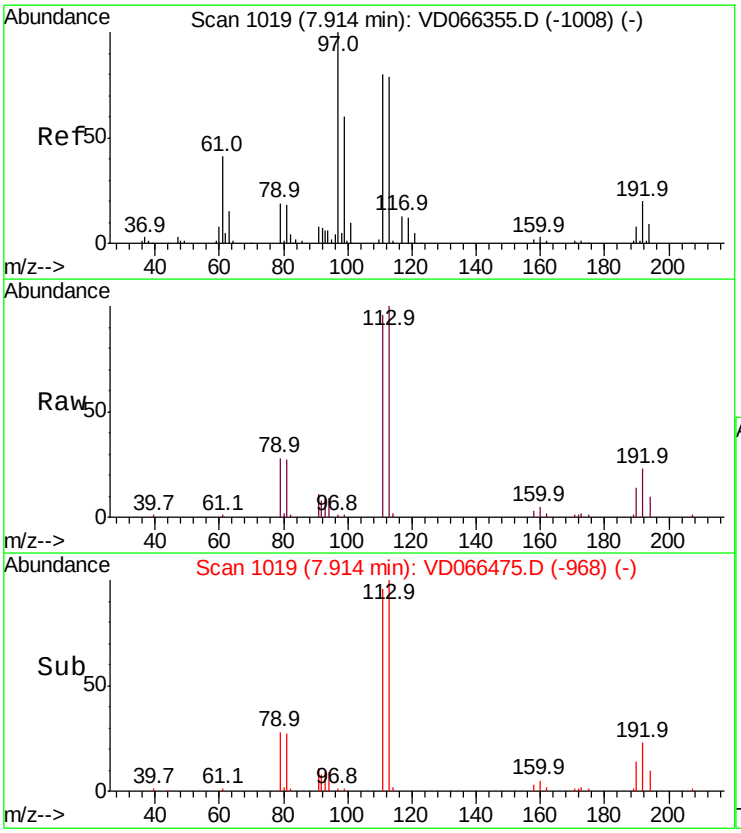


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD066475.D
Acq: 31 Aug 2020 11:11

Tgt Ion:114 Resp: 273047

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	40.8
88	17.3	0.0	35.4

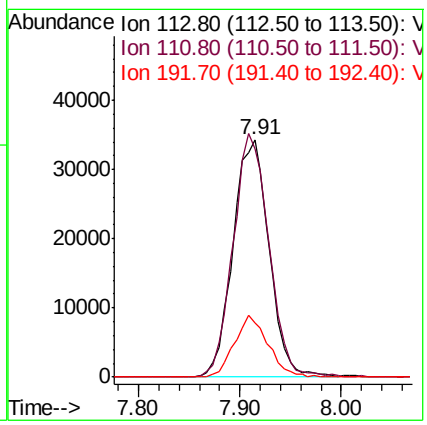


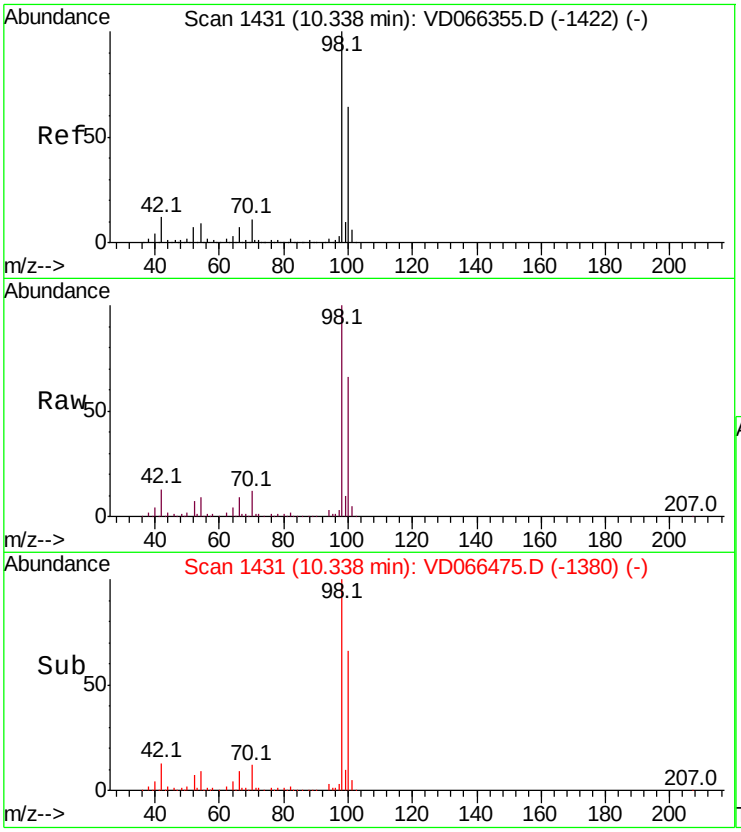


#35
Dibromofluoromethane
Concen: 49.634 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD066475.D
Acq: 31 Aug 2020 11:11

Tgt Ion:113 Resp: 84745

Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.3	120.5
192	23.9	19.0	28.6

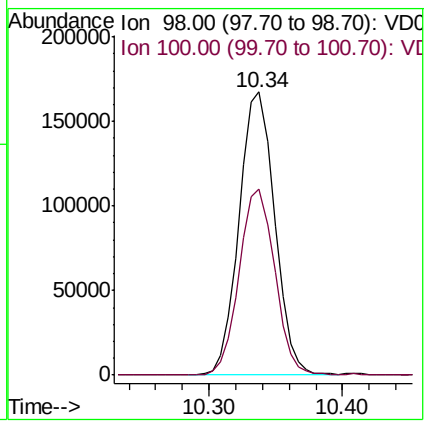


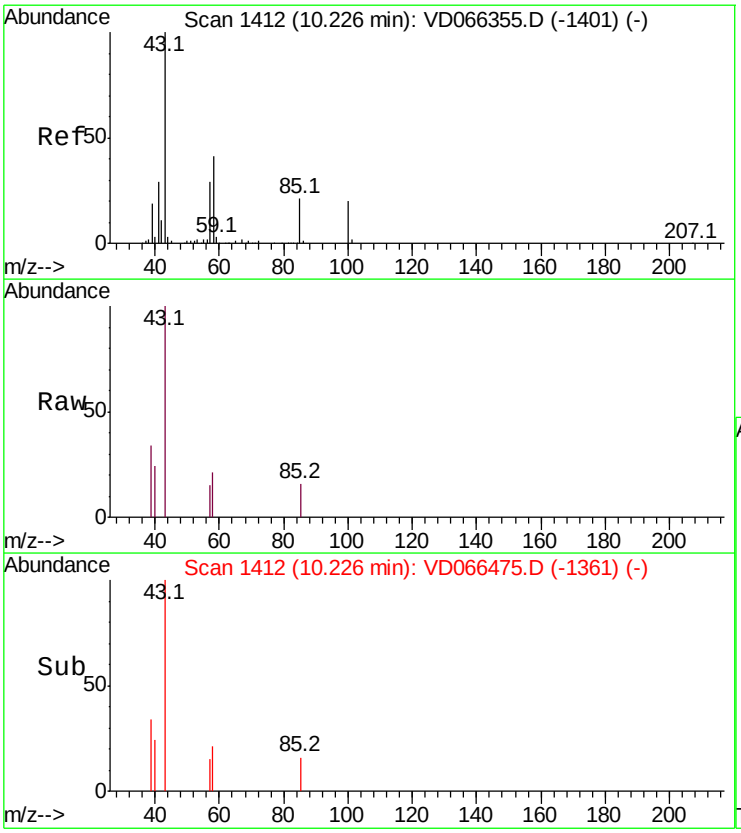


#50
Toluene-d8
Concen: 49.619 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066475.D
Acq: 31 Aug 2020 11:11

Tgt Ion: 98 Resp: 309975

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.4

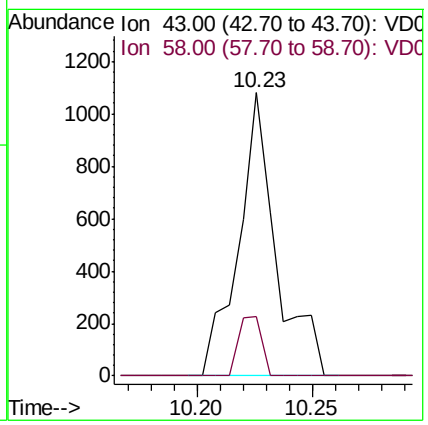


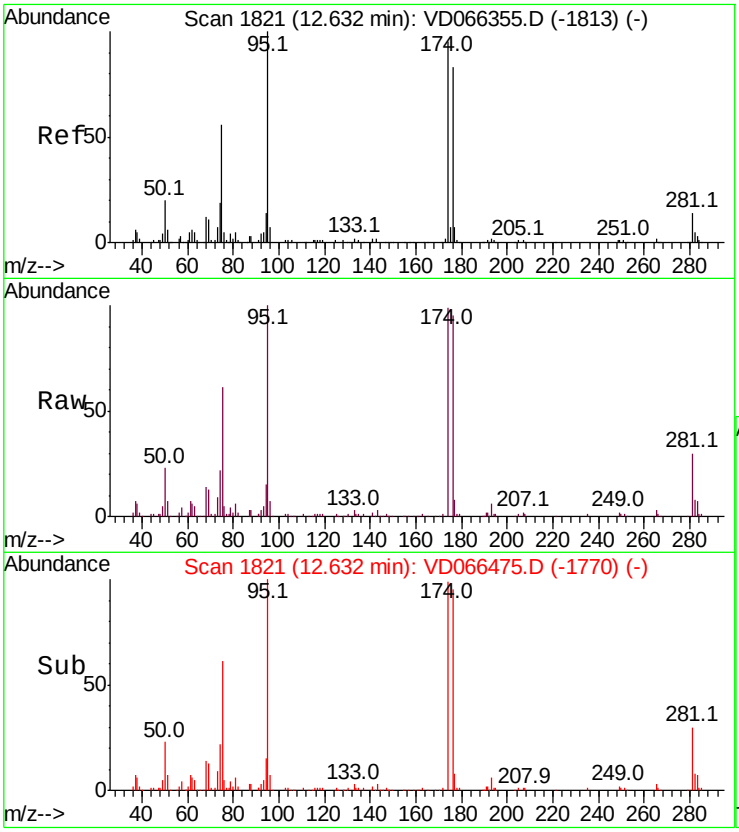


#51
4-Methyl-2-Pentanone
Concen: 1.494 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066475.D
Acq: 31 Aug 2020 11:11

Tgt Ion: 43 Resp: 1229

Ion	Ratio	Lower	Upper
43	100		
58	13.0	31.4	47.2#

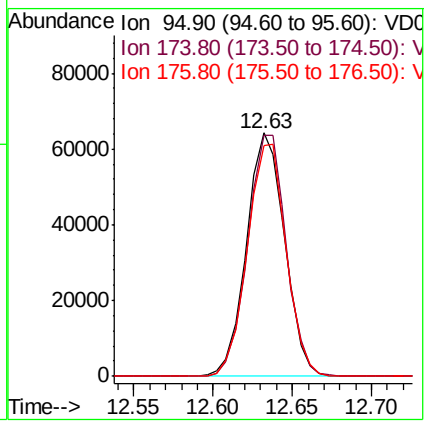


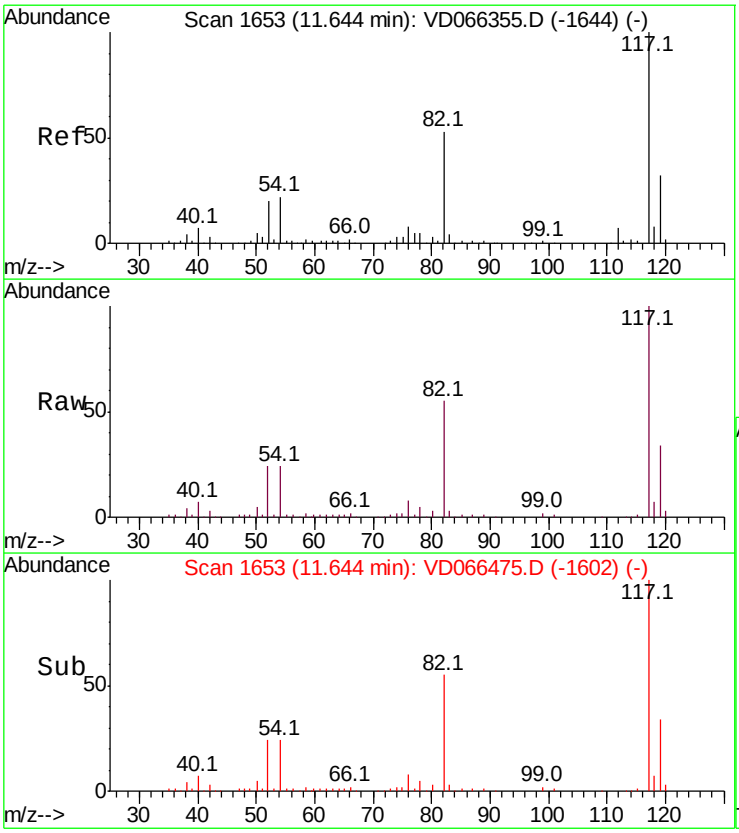


#62
4-Bromofluorobenzene
Concen: 48.406 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066475.D
Acq: 31 Aug 2020 11:11

Tgt Ion: 95 Resp: 107304

Ion	Ratio	Lower	Upper
95	100		
174	99.7	0.0	183.4
176	97.2	0.0	173.8

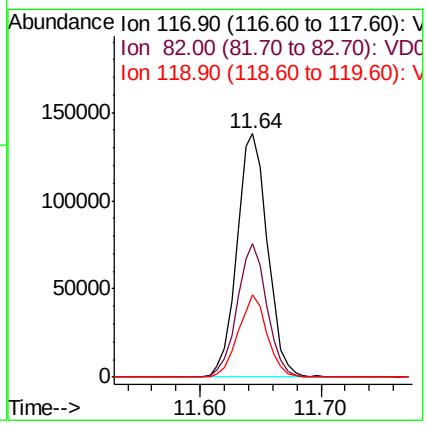


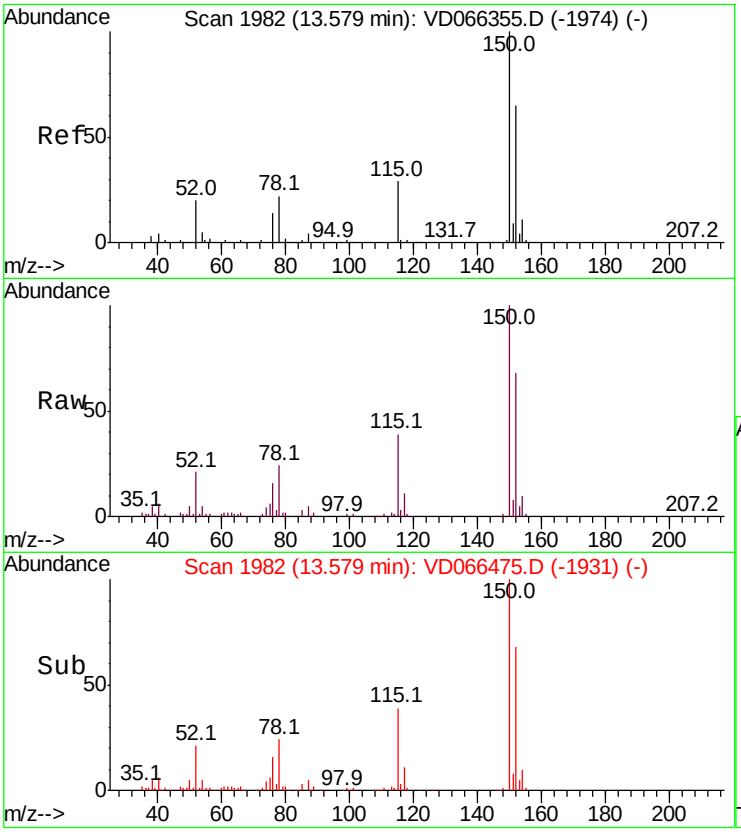


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066475.D
Acq: 31 Aug 2020 11:11

Tgt Ion:117 Resp: 243062

Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.8	64.2
119	33.6	25.8	38.8

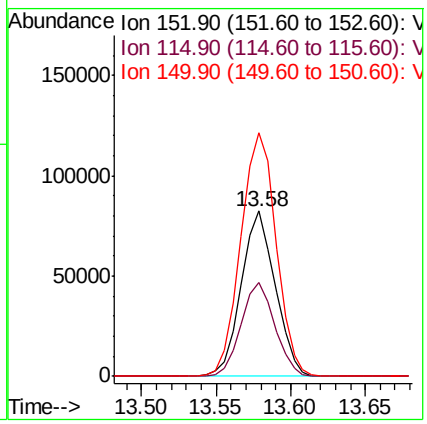


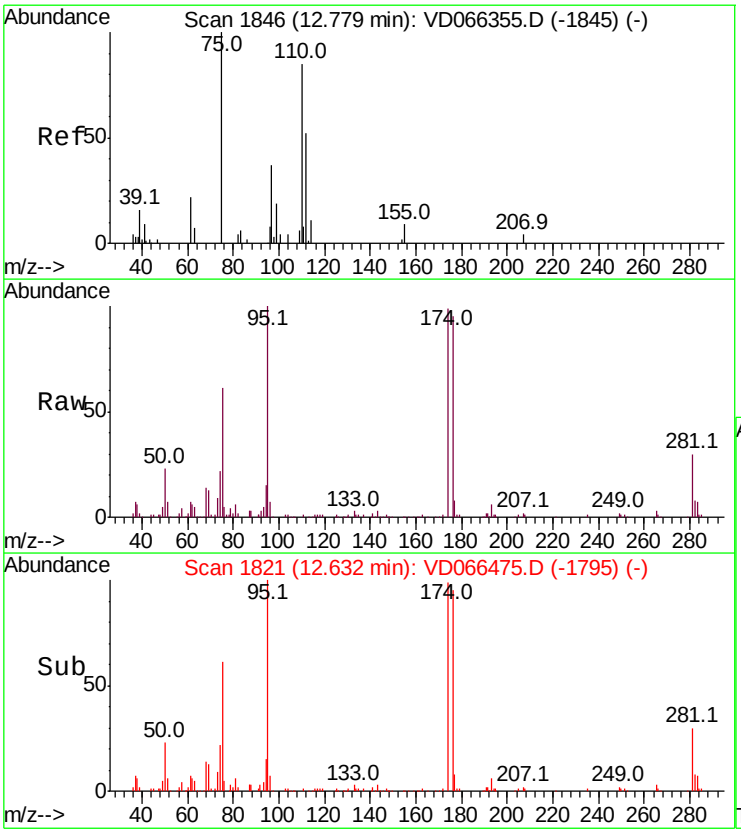


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066475.D
Acq: 31 Aug 2020 11:11

Tgt Ion:152 Resp: 130081

Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.3	85.0
150	153.0	0.0	343.2

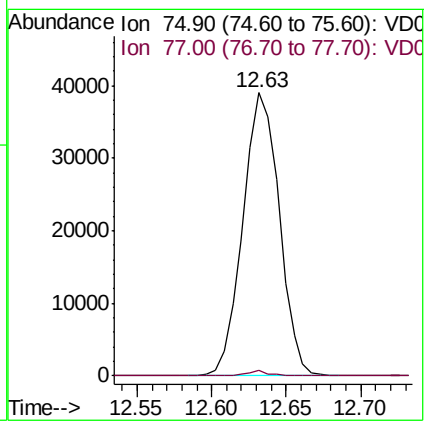


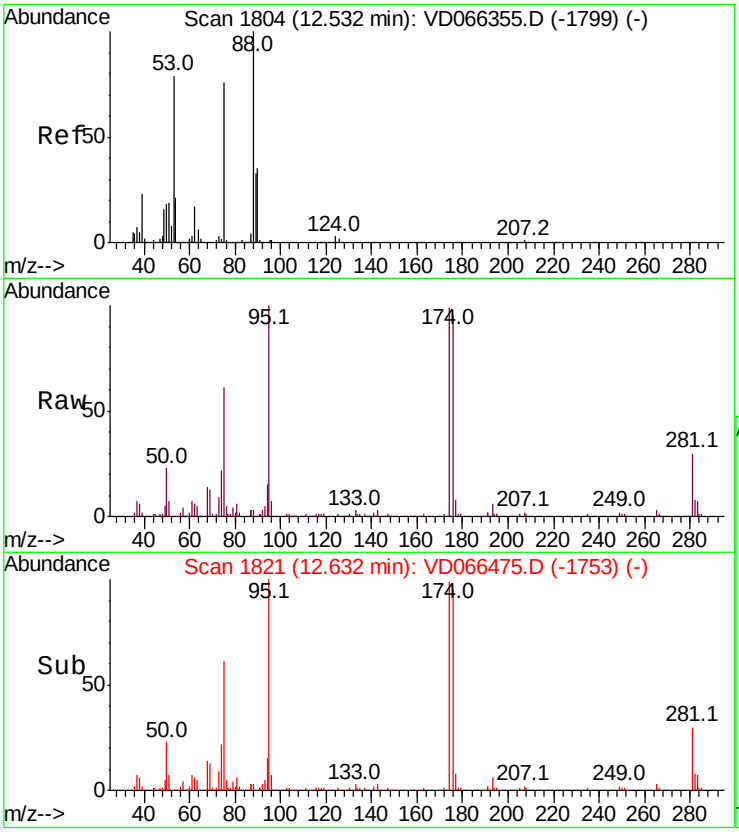


#76
1,2,3-Trichloropropane
Concen: 71.949 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066475.D
Acq: 31 Aug 2020 11:11

Tgt Ion: 75 Resp: 65842

Ion	Ratio	Lower	Upper
75	100		
77	1.0	182.9	548.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 152.724 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD066475.D
Acq: 31 Aug 2020 11:11

Tgt Ion: 75 Resp: 65842

Ion	Ratio	Lower	Upper
75	100		
53	0.0	87.4	131.2#
89	0.1	39.4	59.0#