Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081318\
Data File : VD059757.D
Acq On : 14 Aug 2018 2:20
Operator : VA/AP
Sample : J4447-16
Misc : 4.44g/5ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 14 03:53:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 11 05:42:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	133535	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.69	114	181334	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.69	117	153600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	81193	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	122479	58.60	ug/l	0.01
Spiked Amount 50.000			Recovery = 117.20%			
35) Dibromofluoromethane	5.55	113	92035	49.29	ug/l	0.01
Spiked Amount 50.000			Recovery = 98.58%			
50) Toluene-d8	8.71	98	156731	42.32	ug/l	0.01
Spiked Amount 50.000			Recovery = 84.64%			
62) 4-Bromofluorobenzene	11.93	95	77584	41.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.54%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.18	59	190	2.623	ug/l #	75
16) Acetone	2.61	43	25997	76.138	ug/l	94
18) Methyl Acetate	2.94	43	4076	6.472	ug/l #	66
20) Methylene Chloride	3.07	84	6660	6.757	ug/l #	89
31) Cyclohexane	5.64	56	2988	2.218	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	13226	6.284	ug/l #	51
38) Carbon Tetrachloride	5.64	117	13723	4.144	ug/l #	11
81) trans-1,4-Dichloro-2-buten	11.93	75	44749	165.415	ug/l #	1

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

Quantitation Report (Not Reviewed)

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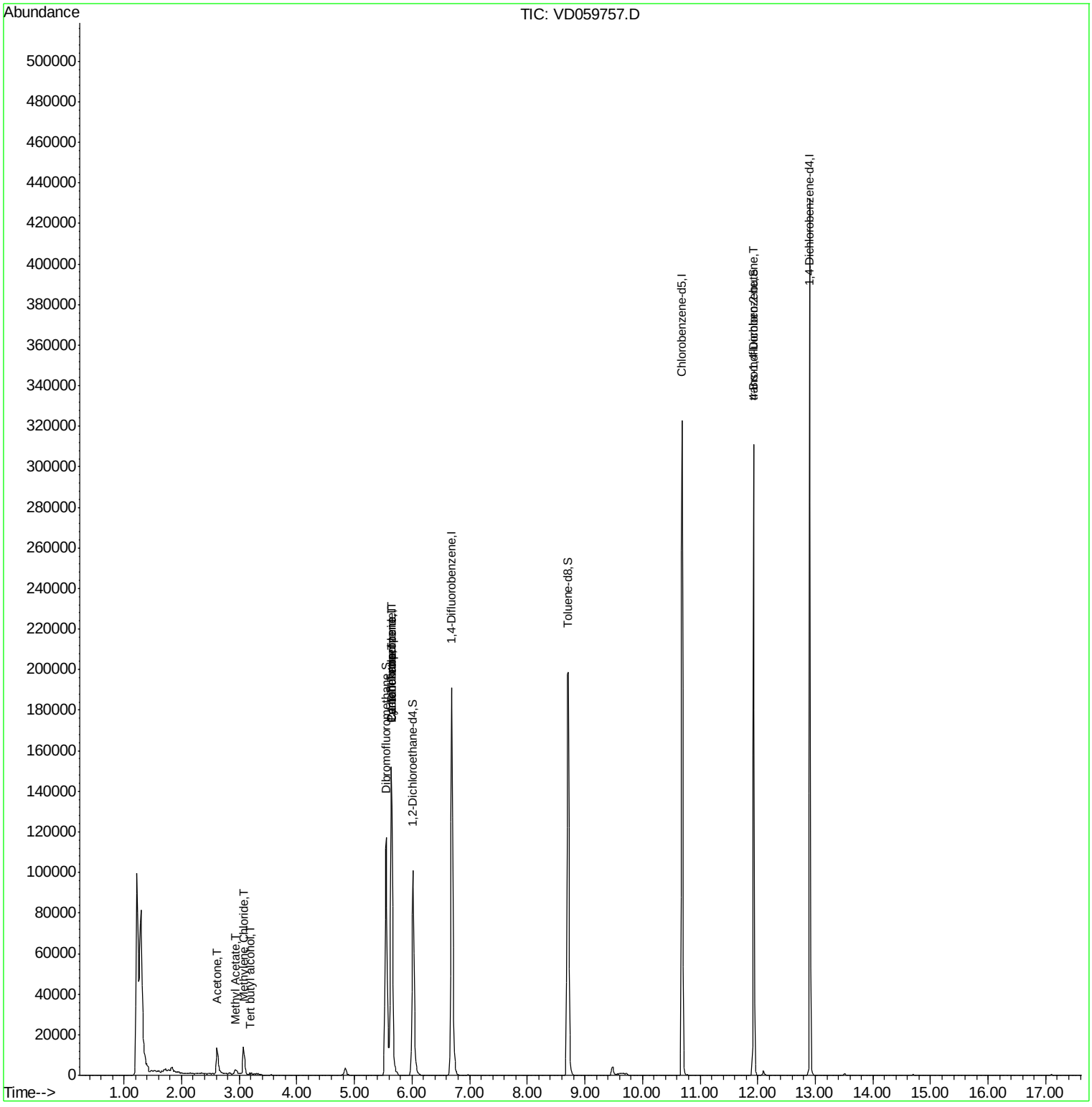
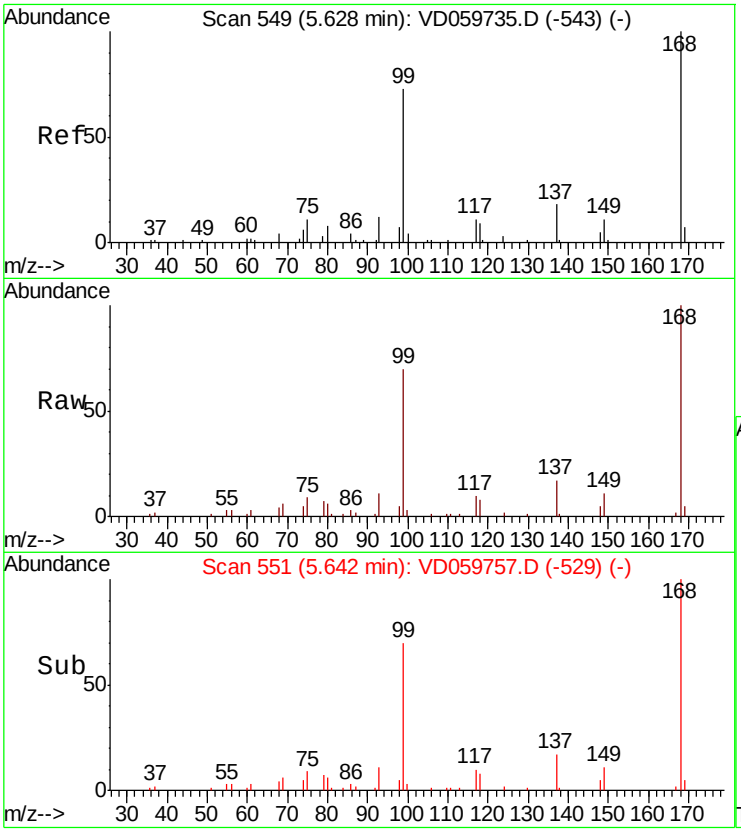
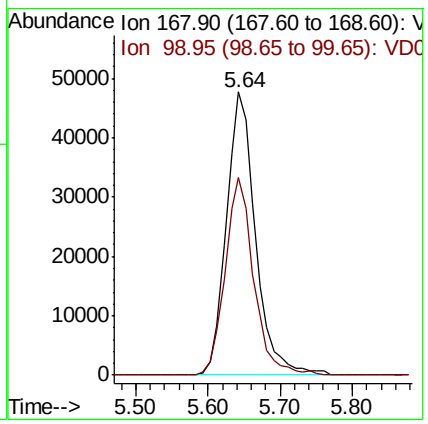


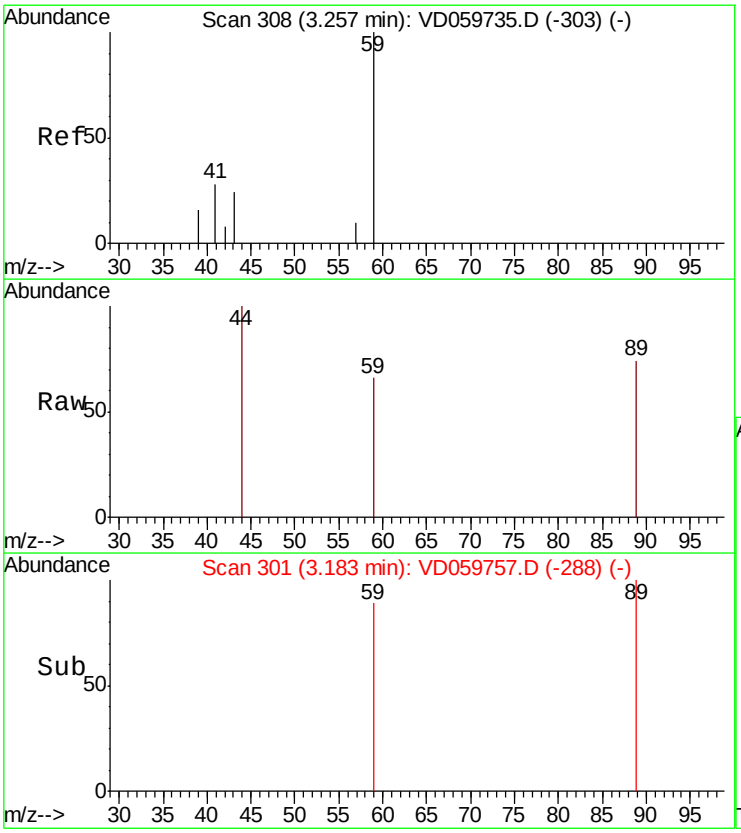


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 551
Delta R.T. 0.01 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

Tgt Ion:168 Resp: 133535

Ion	Ratio	Lower	Upper
168	100		
99	69.9	61.4	92.2

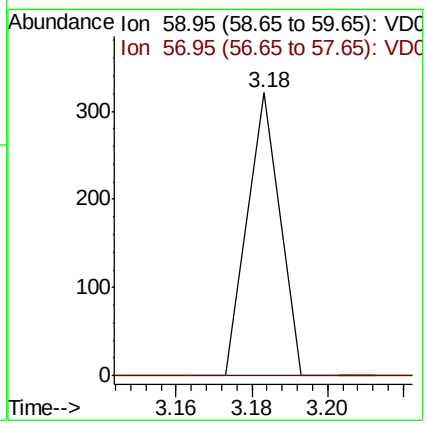


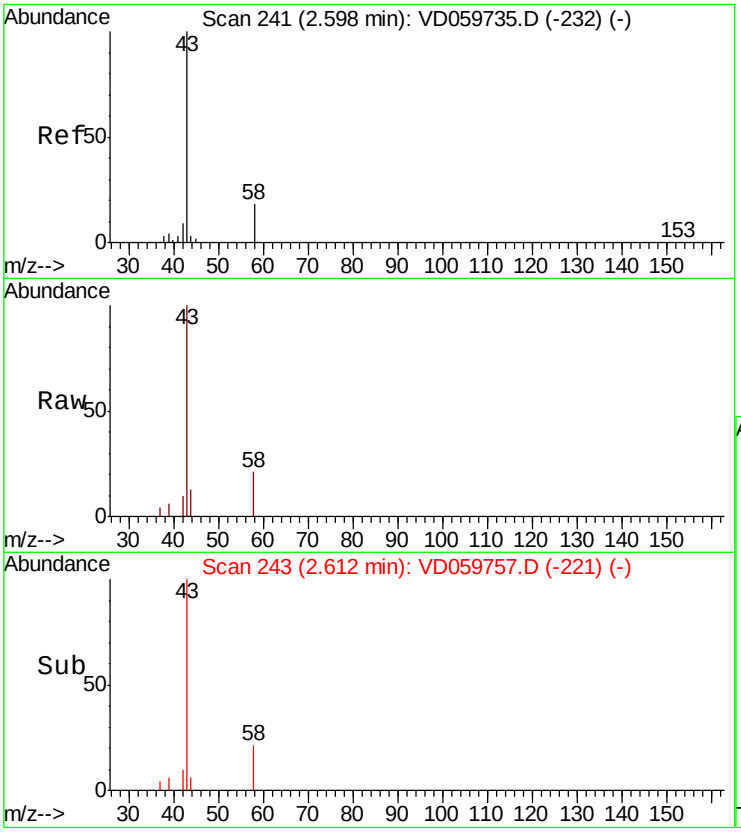


#11
Tert butyl alcohol
Concen: 2.623 ug/l
RT: 3.18 min Scan# 301
Delta R.T. -0.07 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

Tgt Ion: 59 Resp: 190

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.3	10.9#

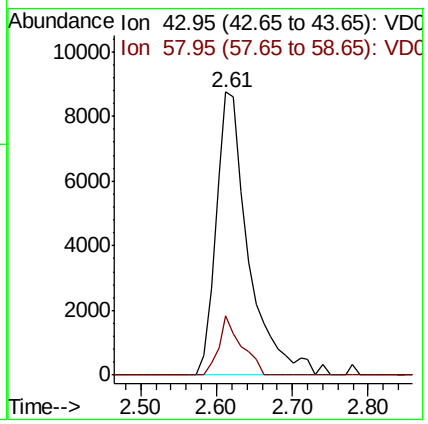


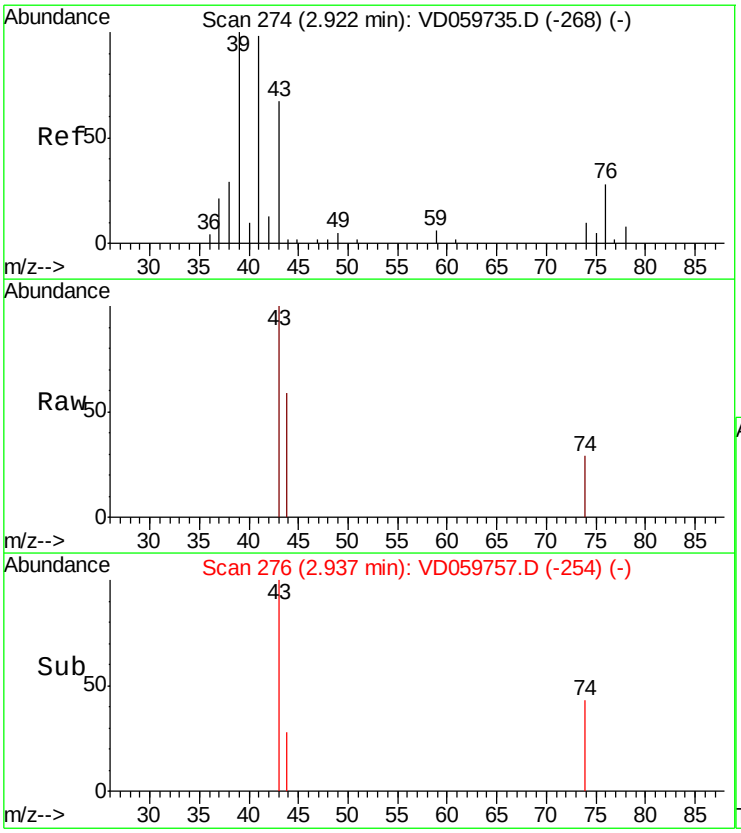


#16
Acetone
Concen: 76.138 ug/l
RT: 2.61 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

Tgt Ion: 43 Resp: 25997

Ion	Ratio	Lower	Upper
43	100		
58	20.9	14.6	21.8

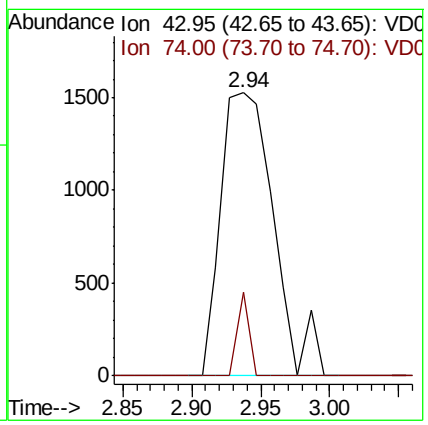


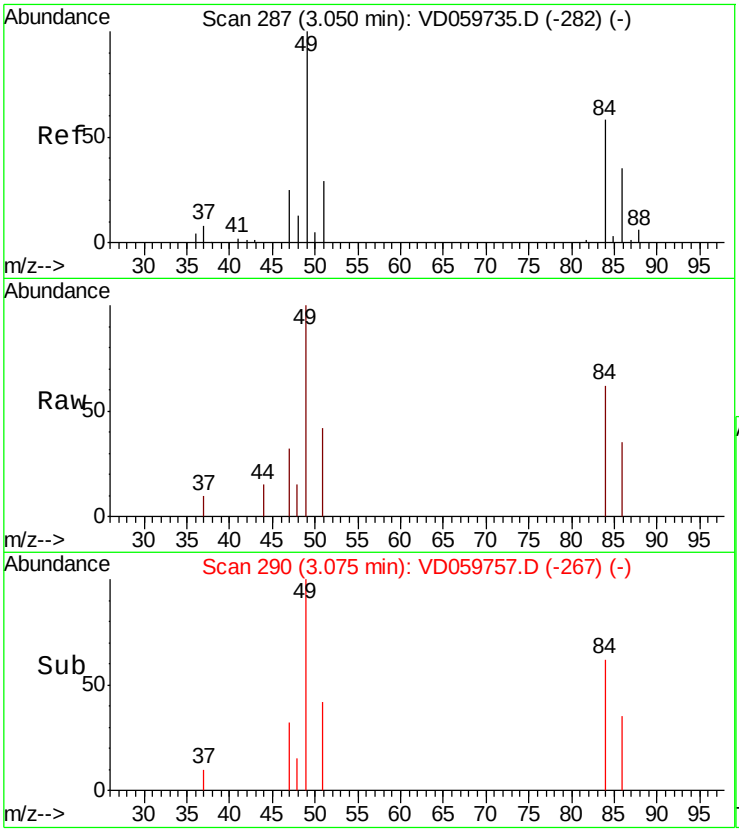


#18
Methyl Acetate
Concen: 6.472 ug/l
RT: 2.94 min Scan# 276
Delta R.T. 0.02 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

Tgt Ion: 43 Resp: 4076

Ion	Ratio	Lower	Upper
43	100		
74	29.4	12.1	18.1#

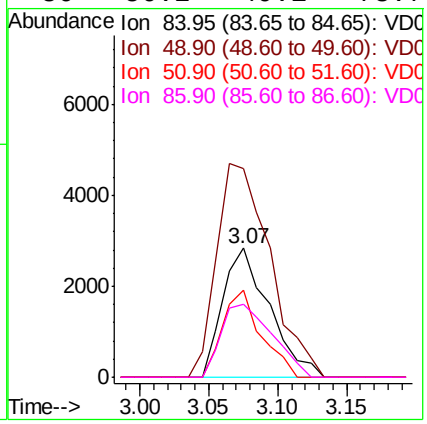


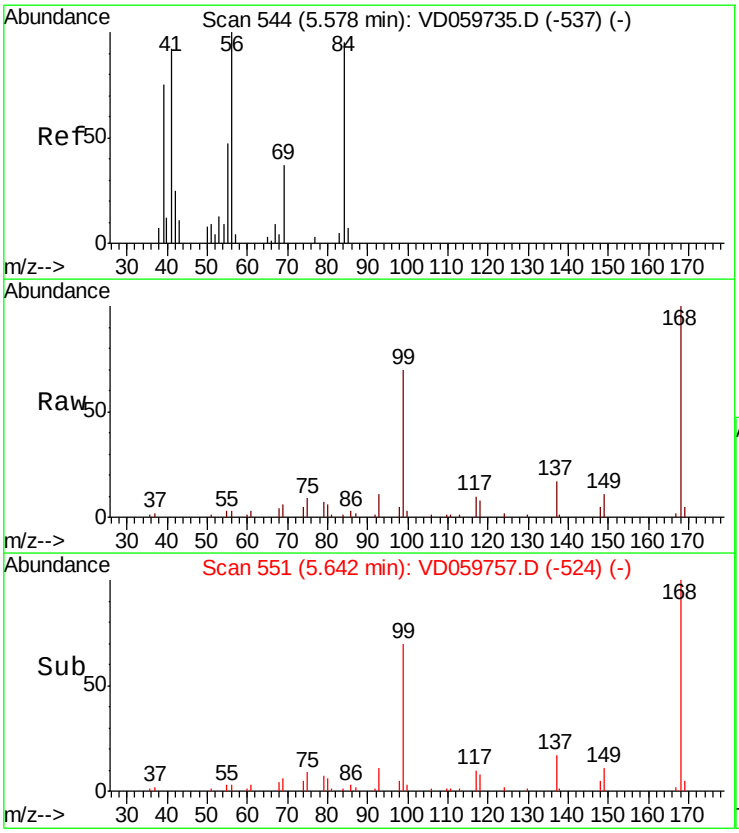


#20
Methylene Chloride
Concen: 6.757 ug/l
RT: 3.07 min Scan# 290
Delta R.T. 0.02 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

Tgt Ion: 84 Resp: 6660

Ion	Ratio	Lower	Upper
84	100		
49	161.7	138.9	208.3
51	67.3	40.2	60.2#
86	56.2	49.1	73.7

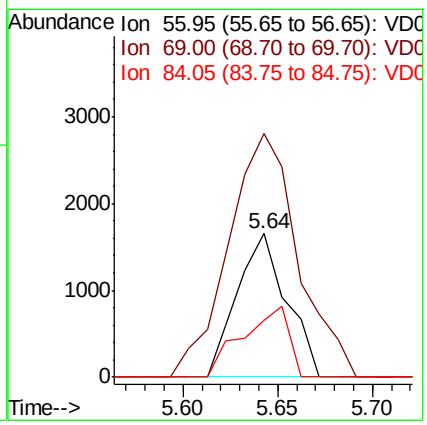


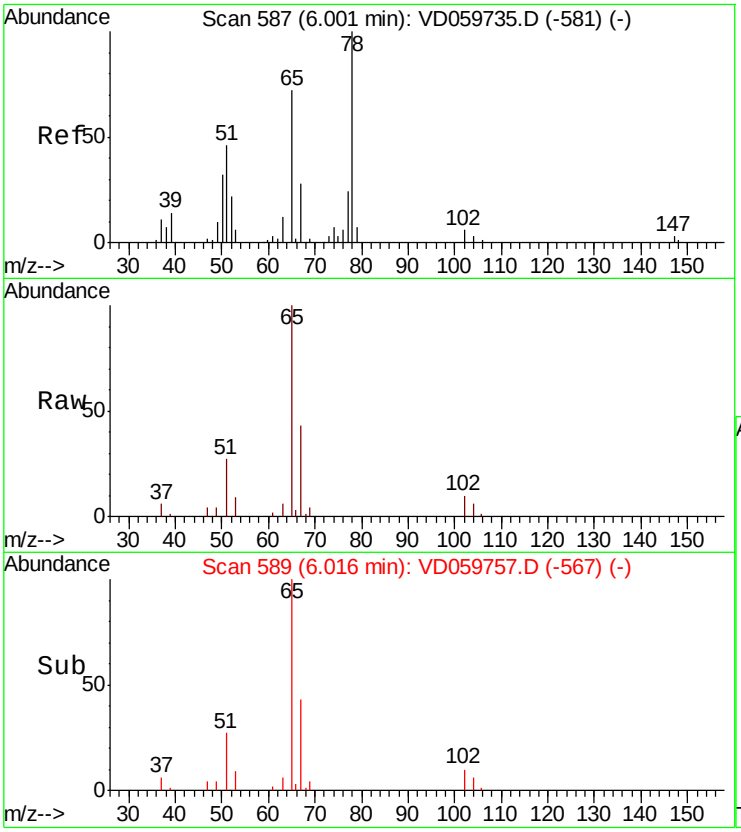


#31
Cyclohexane
Concen: 2.218 ug/l
RT: 5.64 min Scan# 551
Delta R.T. 0.06 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

Tgt Ion: 56 Resp: 2988

Ion	Ratio	Lower	Upper
56	100		
69	169.4	29.3	43.9#
84	39.8	76.2	114.2#

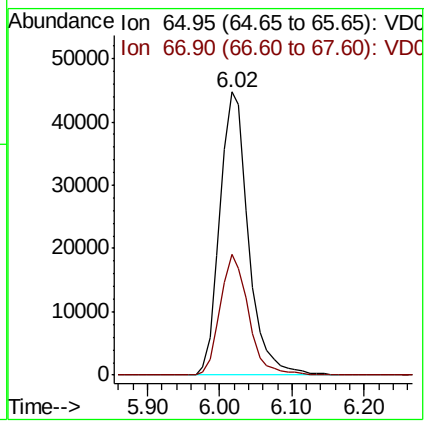


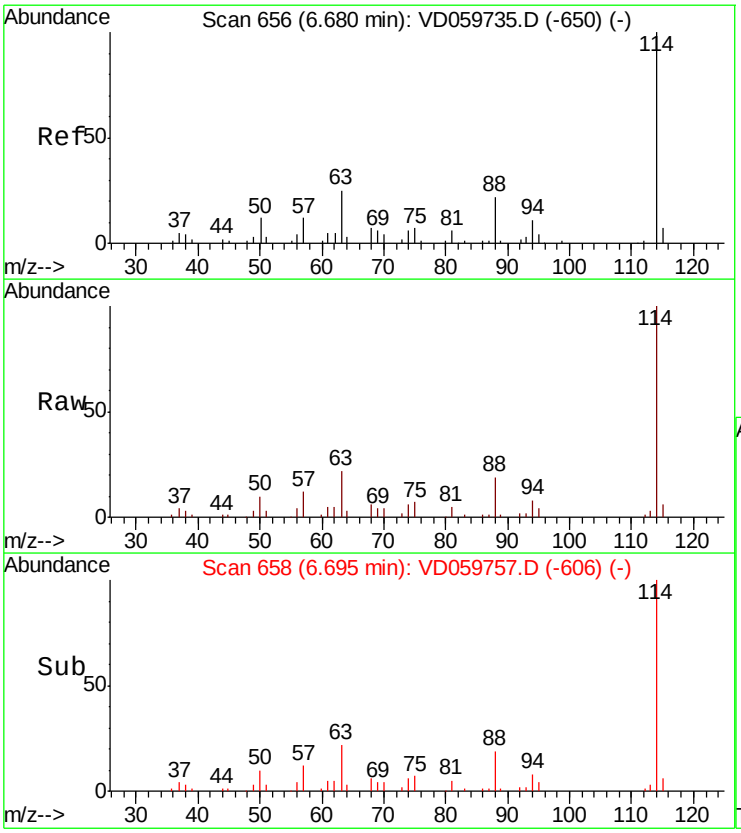


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.02 min Scan# 589
Delta R.T. 0.01 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

Tgt Ion: 65 Resp: 122479

Ion	Ratio	Lower	Upper
65	100		
67	42.9	0.0	77.4

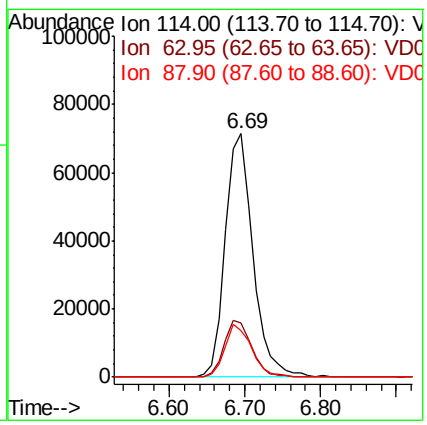


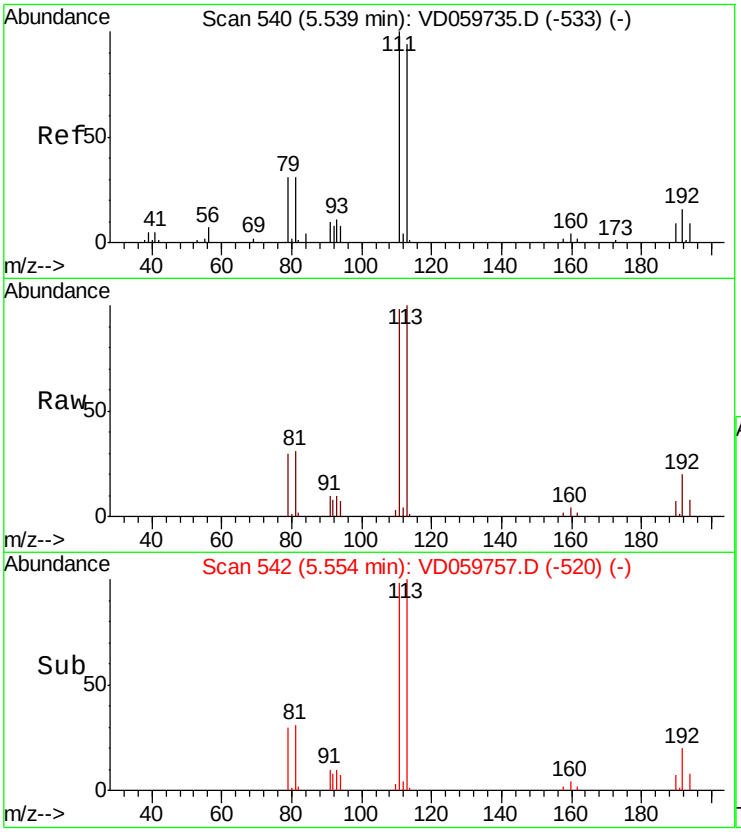


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.69 min Scan# 658
Delta R.T. 0.01 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

Tgt Ion:114 Resp: 181334

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	50.6
88	19.0	0.0	43.4

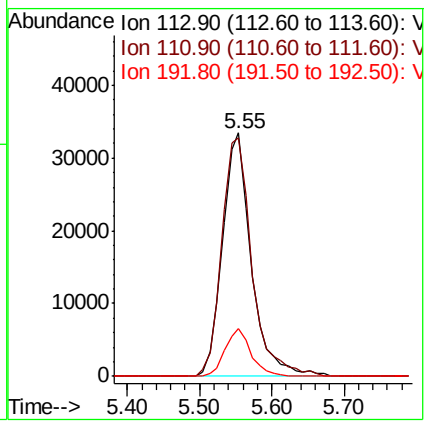


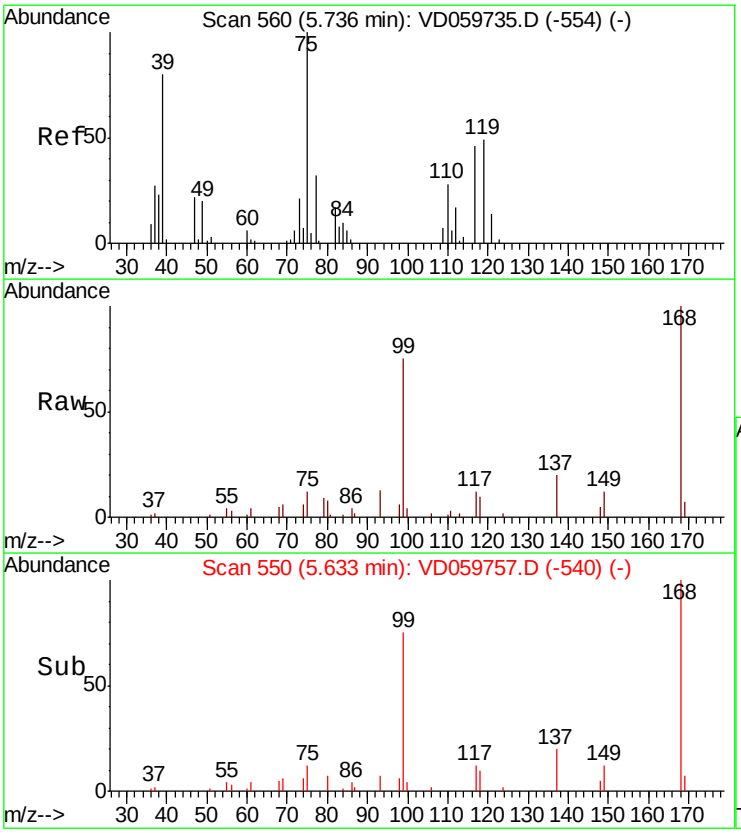


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.55 min Scan# 542
Delta R.T. 0.01 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

Tgt Ion:113 Resp: 92035

Ion	Ratio	Lower	Upper
113	100		
111	97.9	85.3	127.9
192	19.7	13.9	20.9

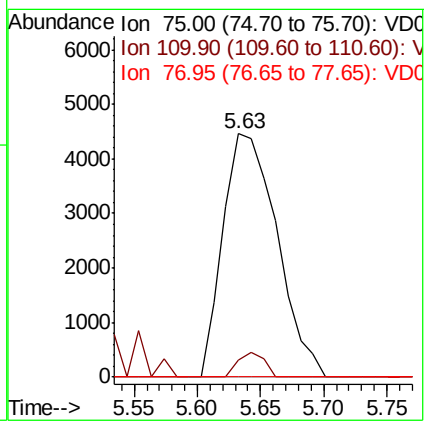


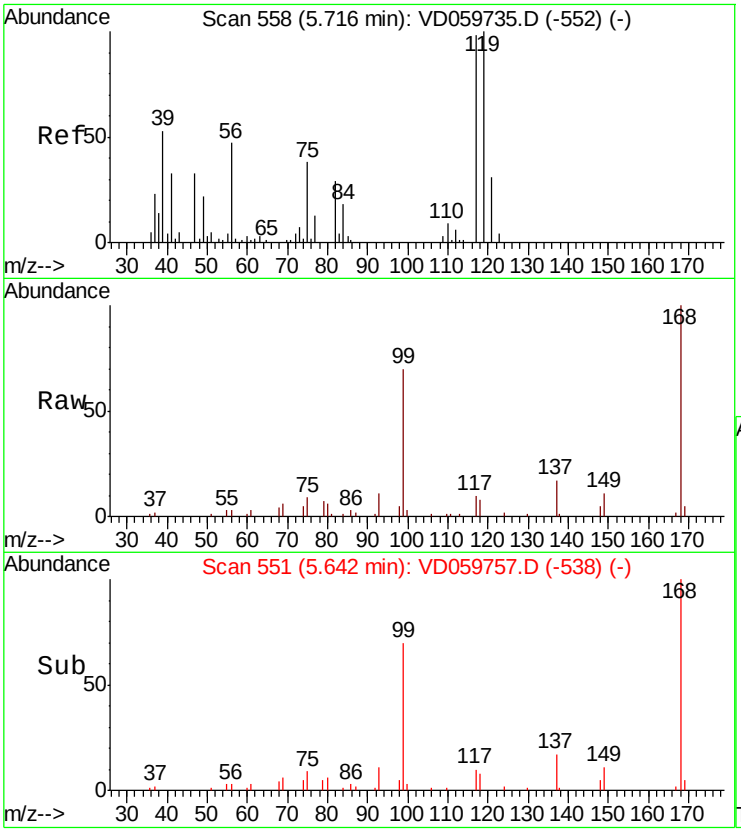


#36
1,1-Dichloropropene
Concen: 6.284 ug/l
RT: 5.63 min Scan# 550
Delta R.T. -0.10 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

Tgt Ion: 75 Resp: 13226

Ion	Ratio	Lower	Upper
75	100		
110	6.9	13.7	41.0#
77	0.0	25.4	38.2#

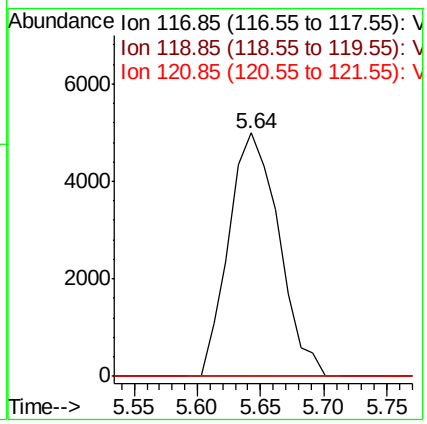


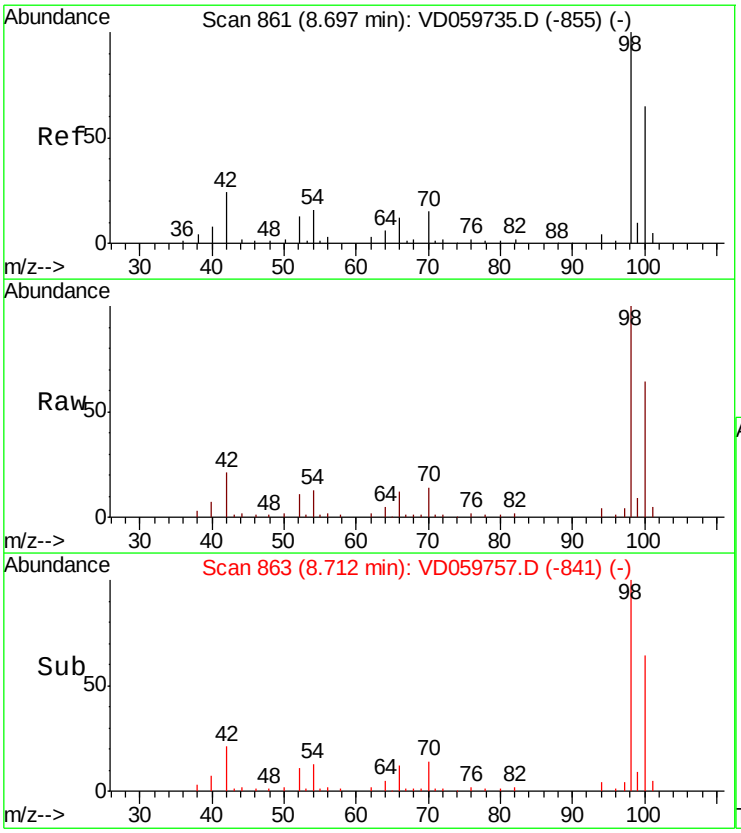


#38
Carbon Tetrachloride
Concen: 4.144 ug/l
RT: 5.64 min Scan# 551
Delta R.T. -0.07 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

Tgt Ion:117 Resp: 13723

Ion	Ratio	Lower	Upper
117	100		
119	0.0	78.2	117.2#
121	0.0	23.9	35.9#

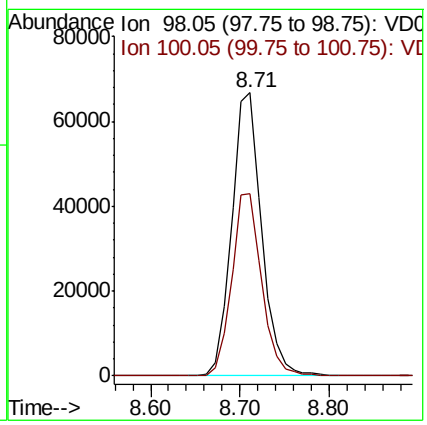


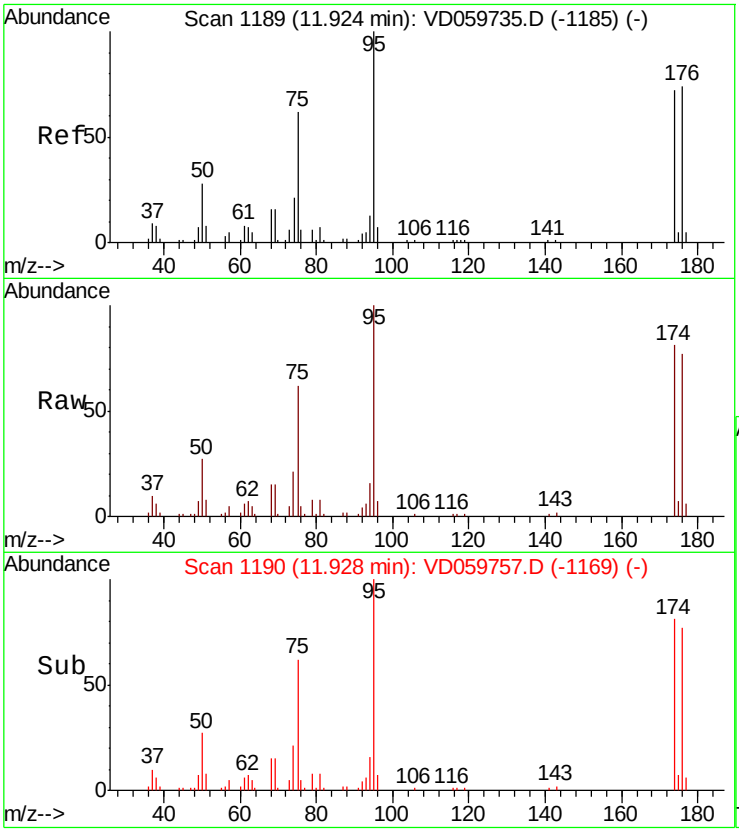


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 863
Delta R.T. 0.01 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

Tgt Ion: 98 Resp: 156731

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2

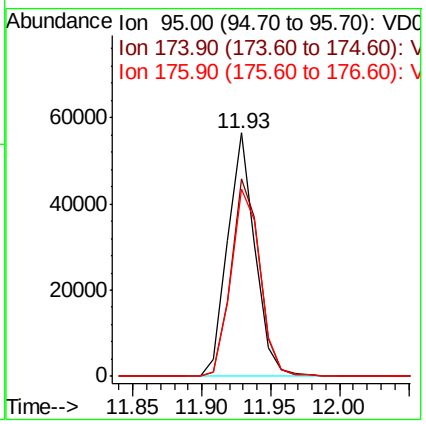


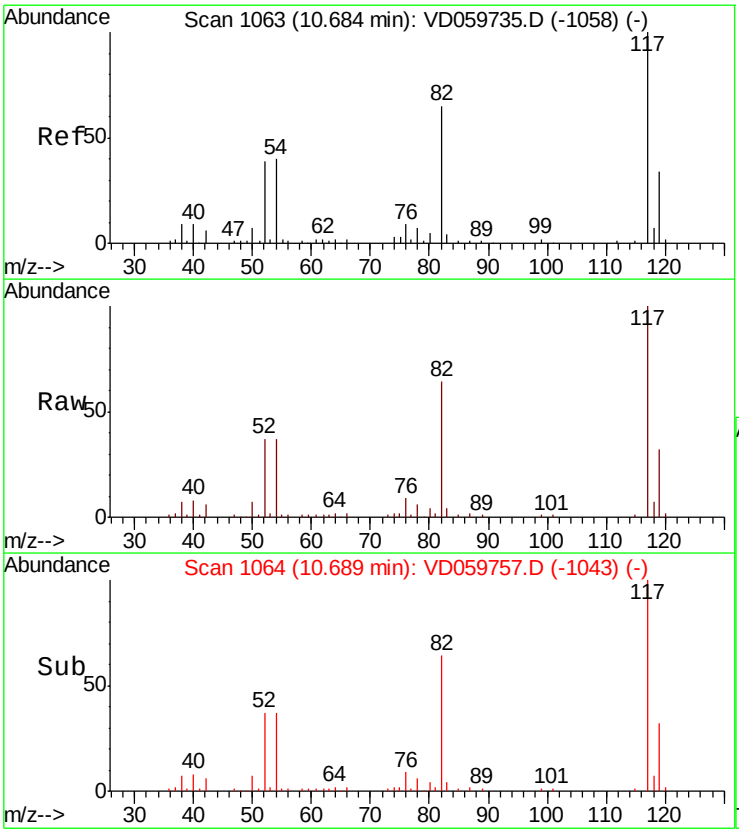


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

Tgt Ion: 95 Resp: 77584

Ion	Ratio	Lower	Upper
95	100		
174	81.2	0.0	143.2
176	77.1	0.0	147.2

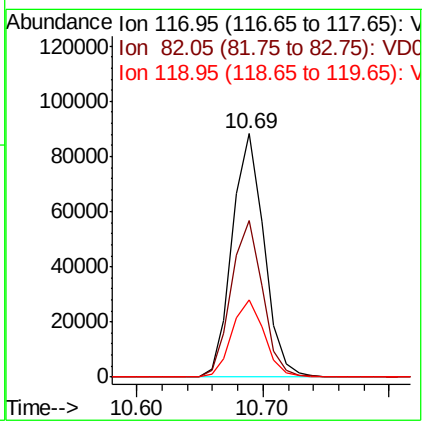


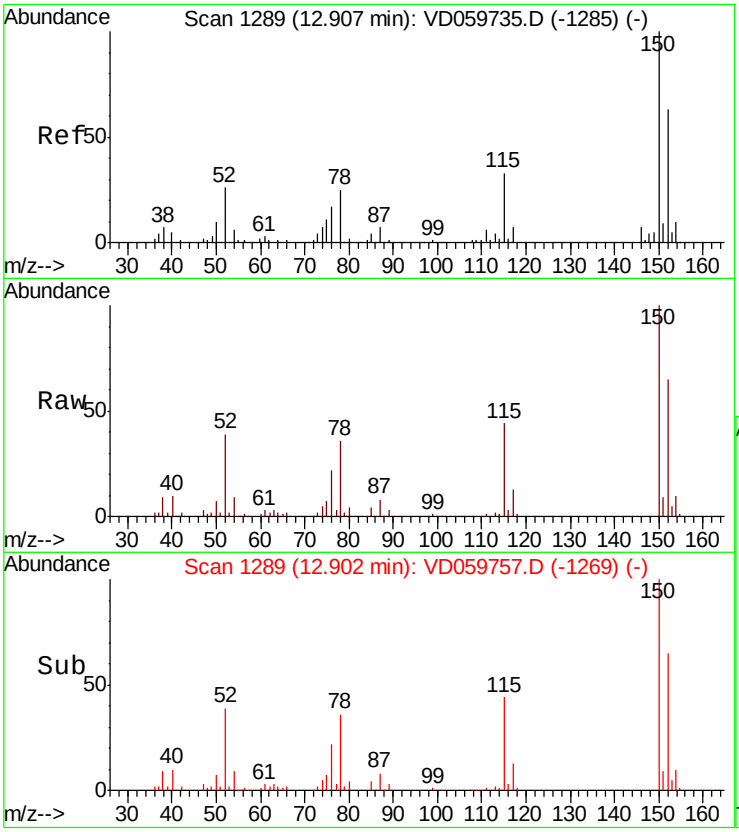


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

Tgt Ion:117 Resp: 153600

Ion	Ratio	Lower	Upper
117	100		
82	64.1	51.9	77.9
119	31.6	27.4	41.0

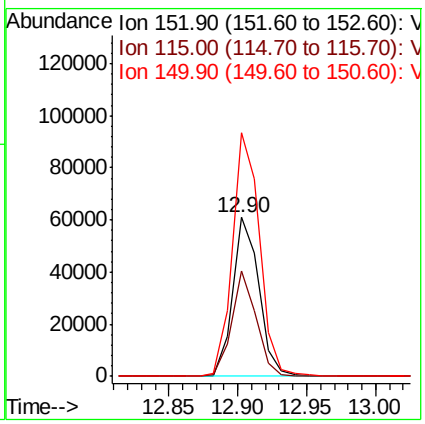


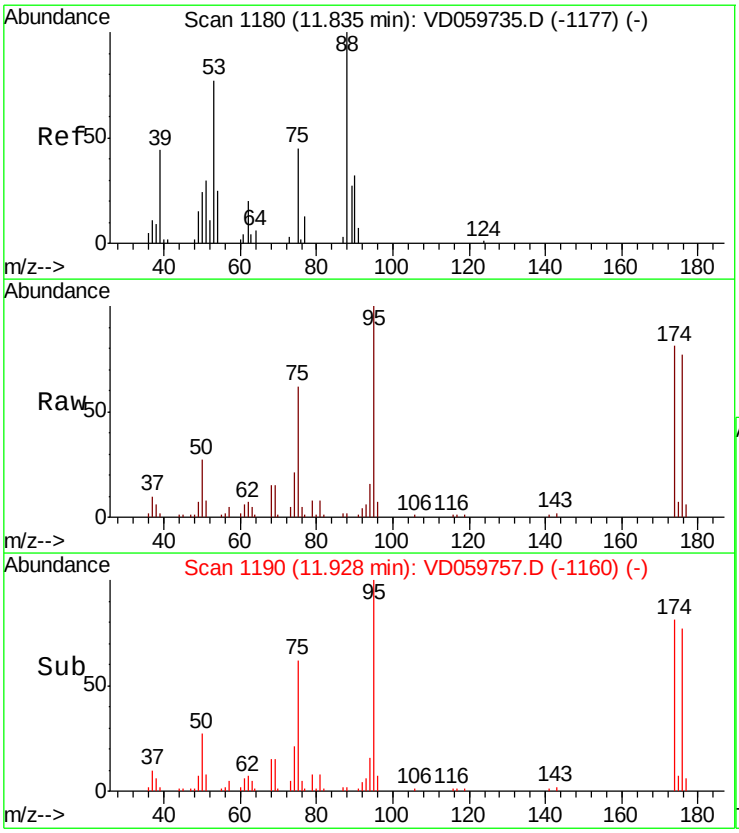


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

Tgt Ion:152 Resp: 81193

Ion	Ratio	Lower	Upper
152	100		
115	66.8	29.8	89.3
150	153.5	0.0	320.4





#81
trans-1,4-Dichloro-2-butene
Concen: 165.415 ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.09 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

Tgt Ion: 75 Resp: 44749

Ion	Ratio	Lower	Upper
75	100		
53	0.0	137.5	206.3#
89	0.0	48.3	72.5#