Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081318\
Data File : VD059745.D
Acq On : 13 Aug 2018 20:41
Operator : VA/AP
Sample : J4409-05RE
Misc : 5.09g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 14 03:52:14 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	5.63	168	148630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	194832	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	110820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	33157	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	116605	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.24%			
35) Dibromofluoromethane	5.54	113	99857	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.54%			
50) Toluene-d8	8.69	98	156767	39.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.80%			
62) 4-Bromofluorobenzene	11.93	95	44489	22.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 44.58%			
Target Compounds						Qvalue
20) Methylene Chloride	3.06	84	4312	3.930	ug/l	81
31) Cyclohexane	5.63	56	3882	2.590	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	13771	6.090	ug/l #	51
38) Carbon Tetrachloride	5.62	117	15647	4.398	ug/l #	11
51) 4-Methyl-2-Pentanone	8.70	43	1068	1.106	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.93	75	24467	221.471	ug/l #	1

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081318\
Data File : VD059745.D
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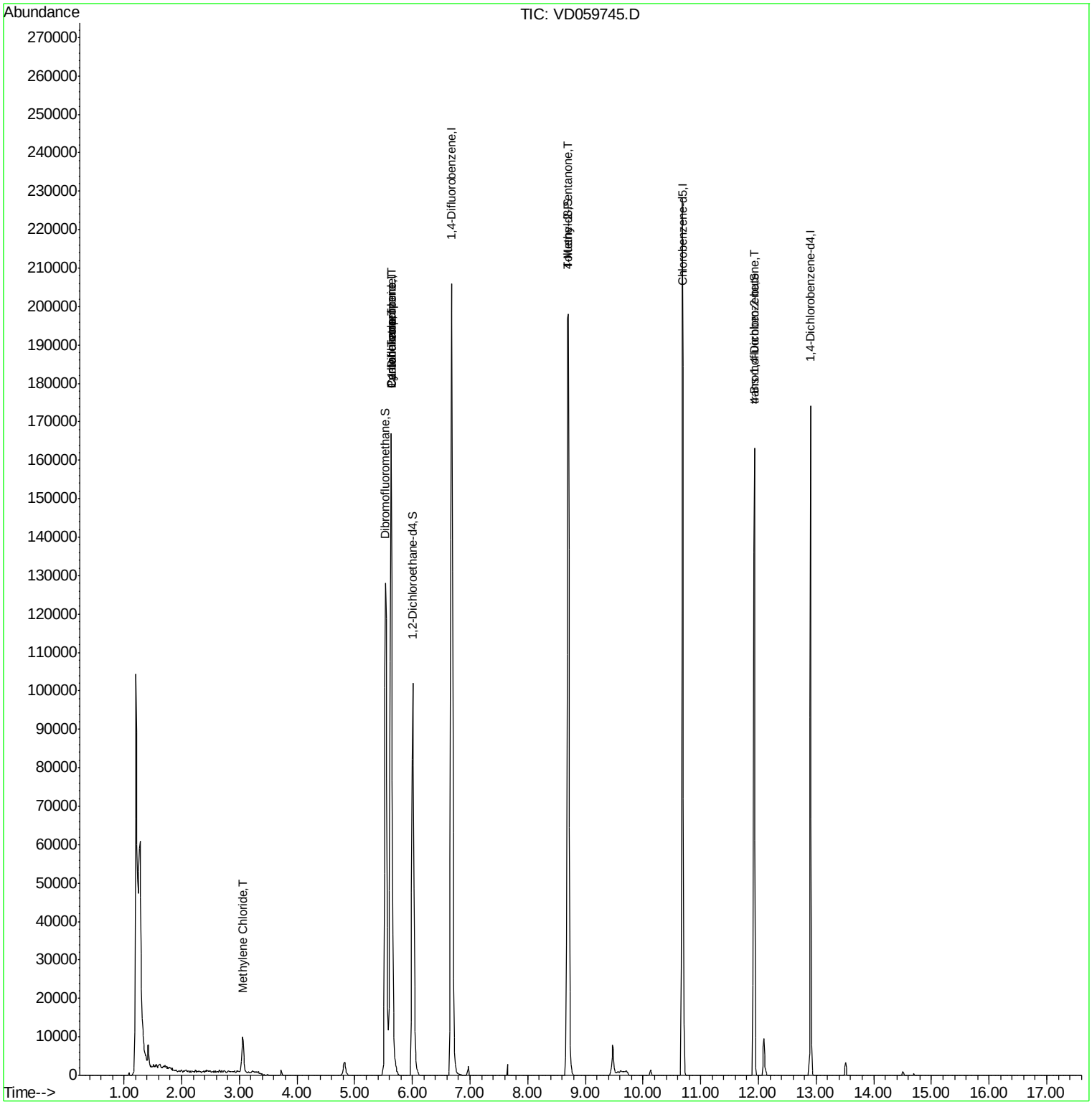
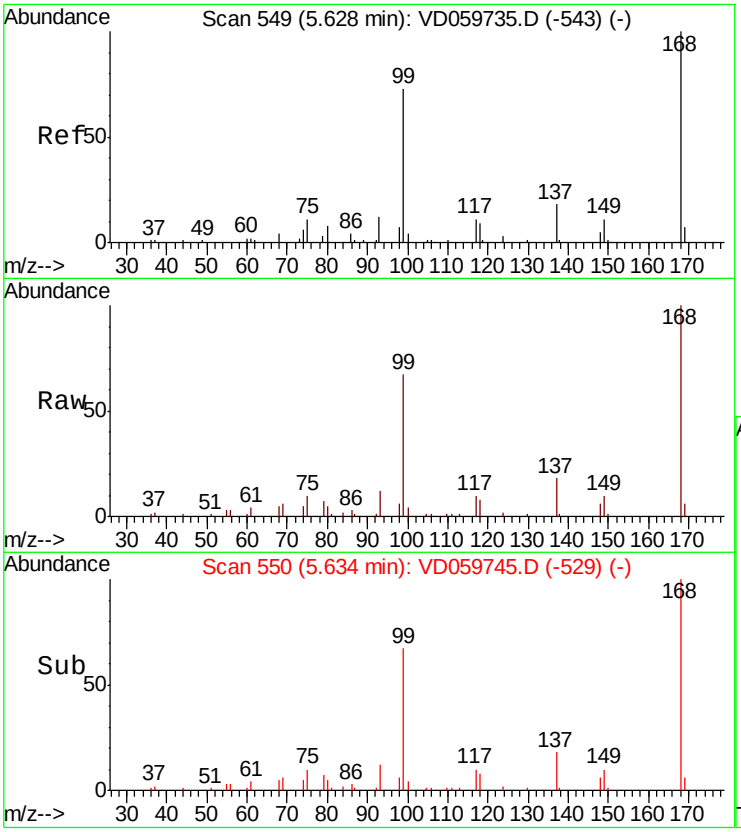
Response via : Initial Calibration

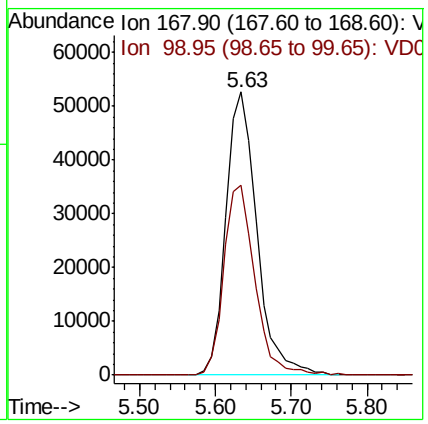


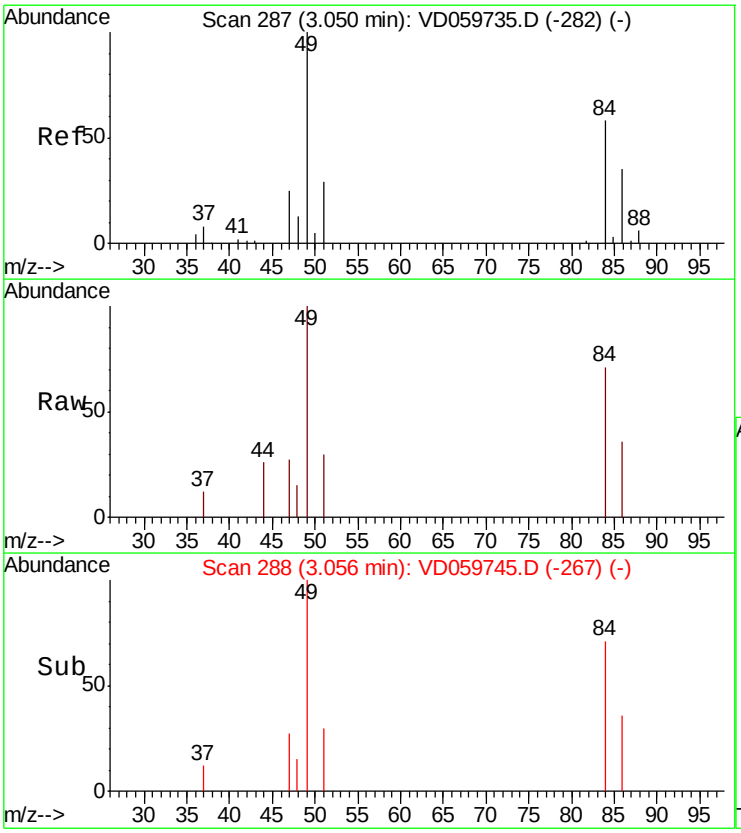


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059745.D
Acq: 13 Aug 2018 20:41

Tgt Ion:168 Resp: 148630

Ion	Ratio	Lower	Upper
168	100		
99	67.3	61.4	92.2

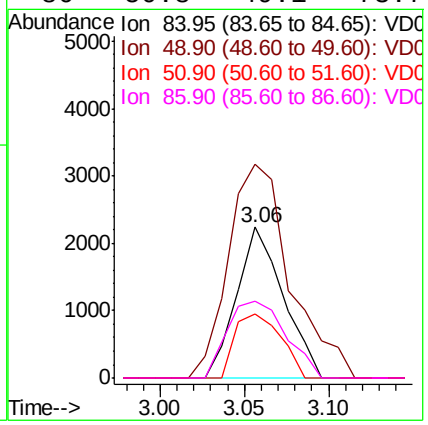


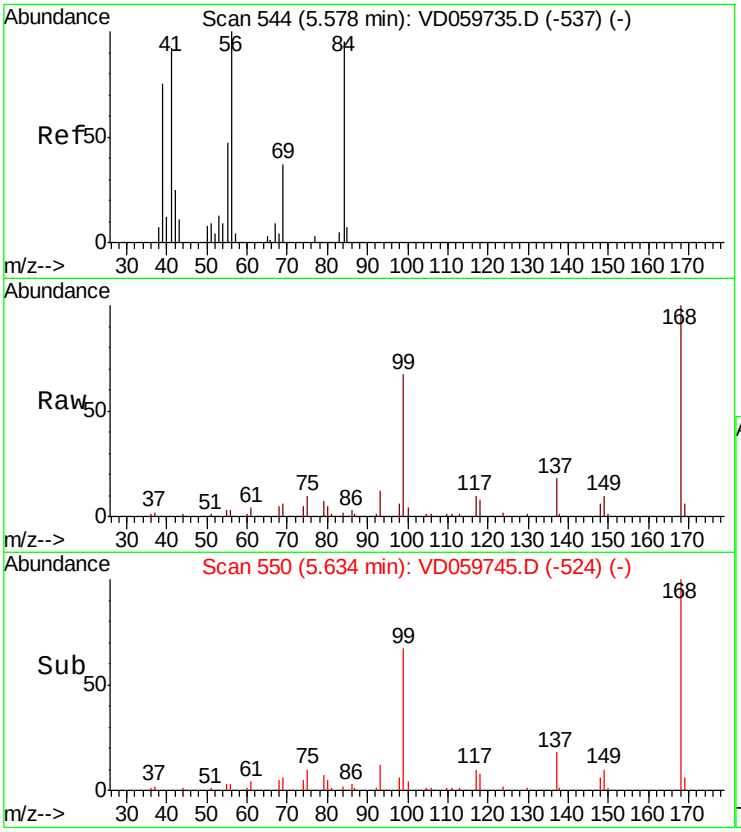


#20
Methylene Chloride
Concen: 3.930 ug/l
RT: 3.06 min Scan# 288
Delta R.T. 0.01 min
Lab File: VD059745.D
Acq: 13 Aug 2018 20:41

Tgt Ion: 84 Resp: 4312

Ion	Ratio	Lower	Upper
84	100		
49	141.5	138.9	208.3
51	42.7	40.2	60.2
86	50.8	49.1	73.7

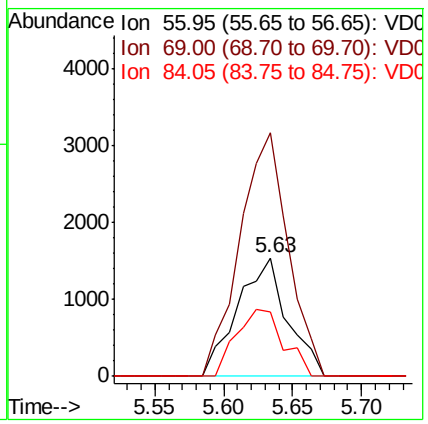


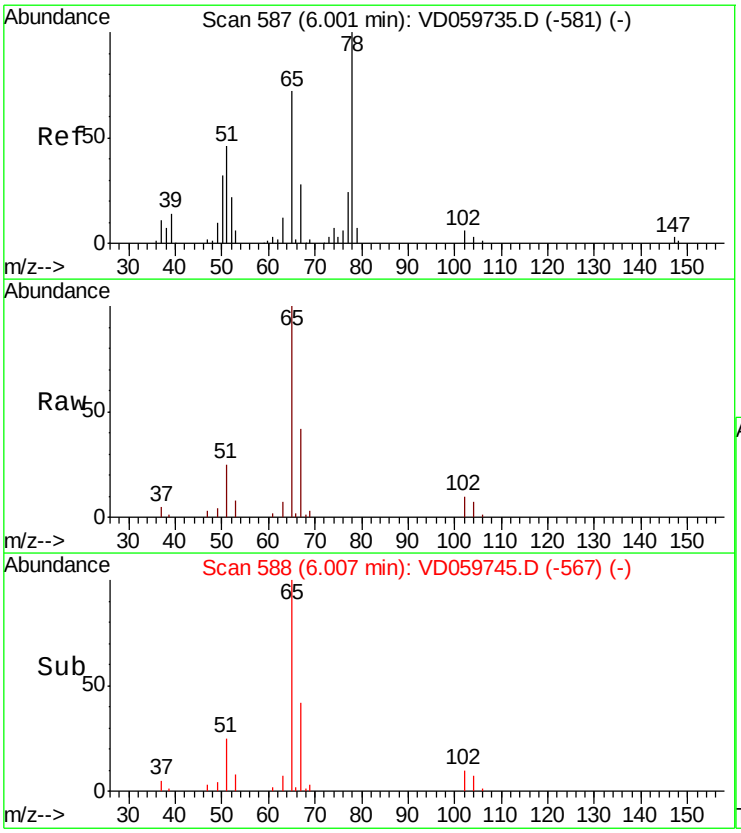


#31
Cyclohexane
Concen: 2.590 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.06 min
Lab File: VD059745.D
Acq: 13 Aug 2018 20:41

Tgt Ion: 56 Resp: 3882

Ion	Ratio	Lower	Upper
56	100		
69	204.9	29.3	43.9#
84	54.0	76.2	114.2#

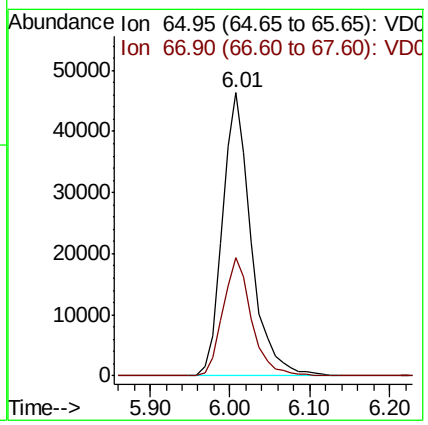


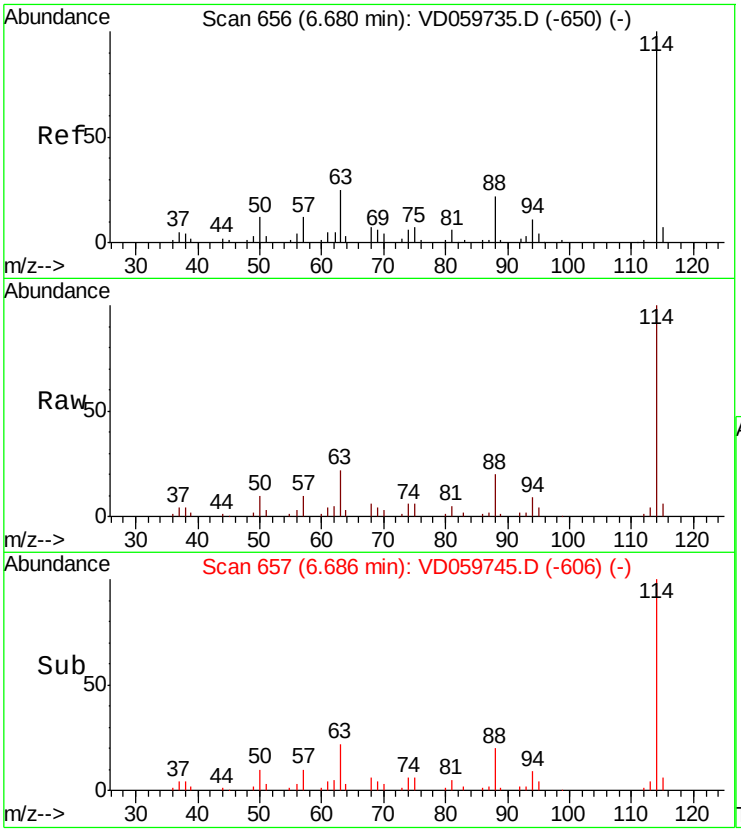


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. 0.01 min
Lab File: VD059745.D
Acq: 13 Aug 2018 20:41

Tgt Ion: 65 Resp: 116605

Ion	Ratio	Lower	Upper
65	100		
67	41.9	0.0	77.4

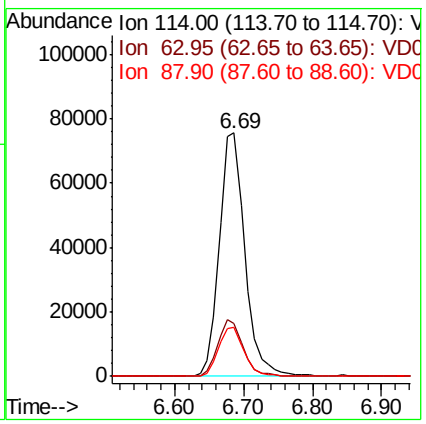


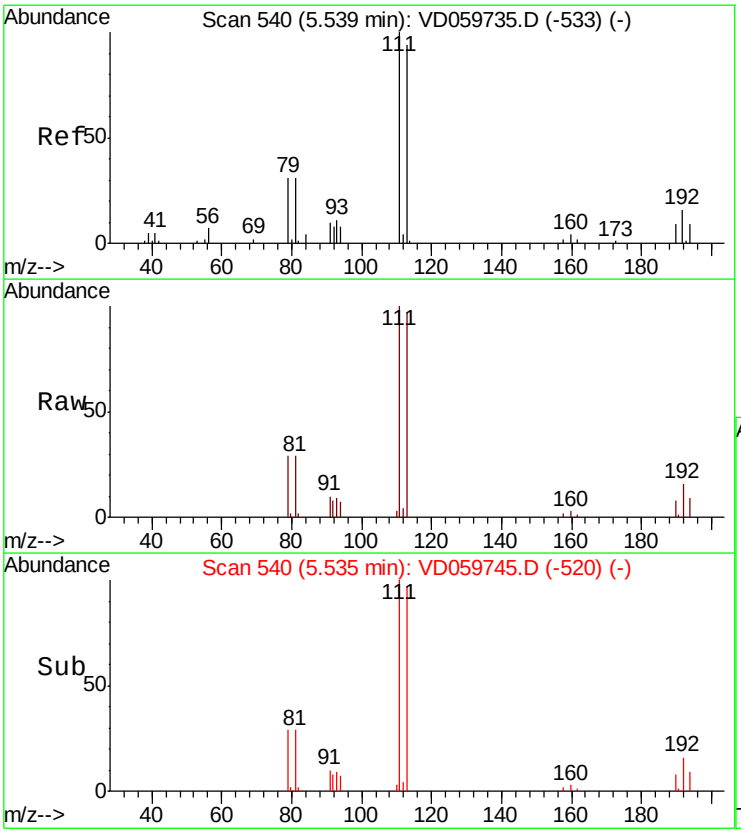


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.69 min Scan# 657
Delta R.T. 0.01 min
Lab File: VD059745.D
Acq: 13 Aug 2018 20:41

Tgt Ion:114 Resp: 194832

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	50.6
88	20.3	0.0	43.4

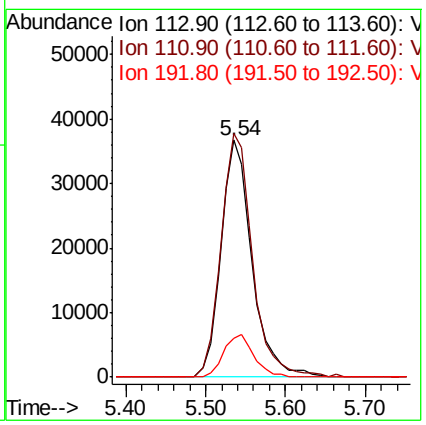


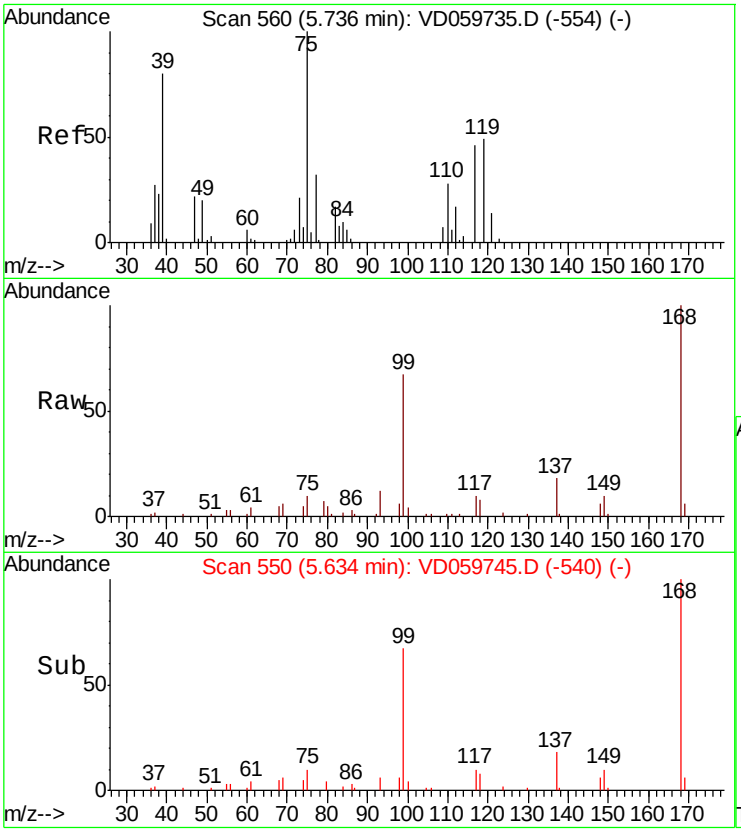


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.00 min
Lab File: VD059745.D
Acq: 13 Aug 2018 20:41

Tgt Ion:113 Resp: 99857

Ion	Ratio	Lower	Upper
113	100		
111	102.9	85.3	127.9
192	16.4	13.9	20.9

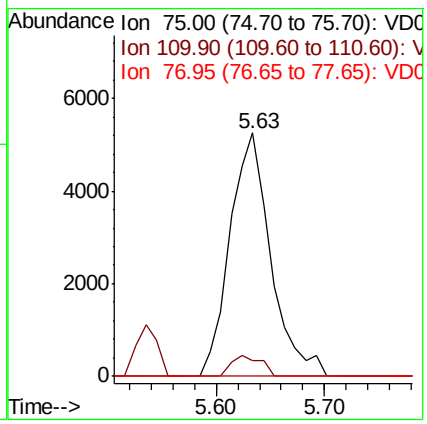


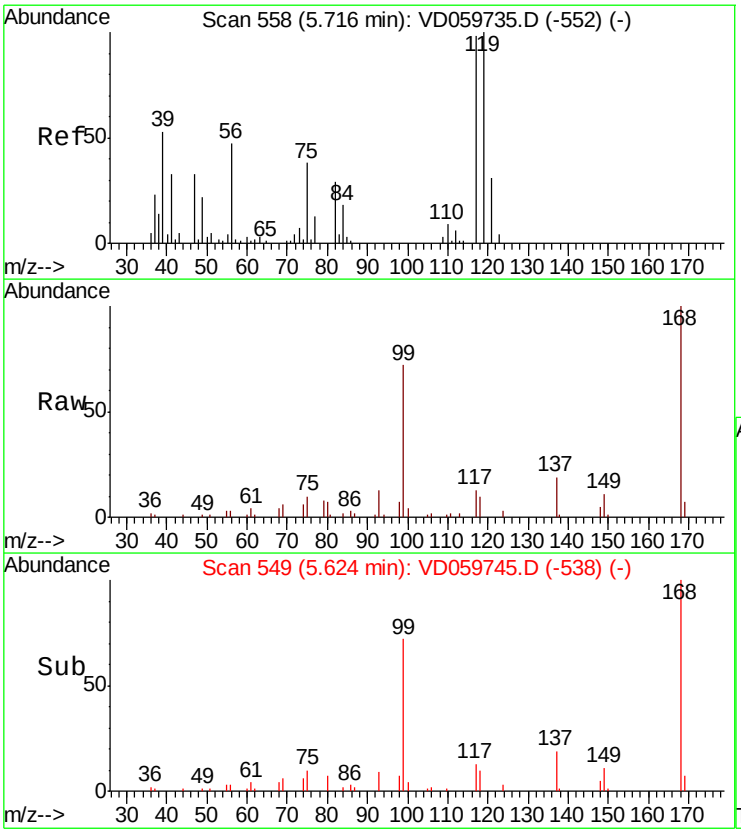


#36
1,1-Dichloropropene
Concen: 6.090 ug/l
RT: 5.63 min Scan# 550
Delta R.T. -0.10 min
Lab File: VD059745.D
Acq: 13 Aug 2018 20:41

Tgt Ion: 75 Resp: 13771

Ion	Ratio	Lower	Upper
75	100		
110	6.7	13.7	41.0#
77	0.0	25.4	38.2#

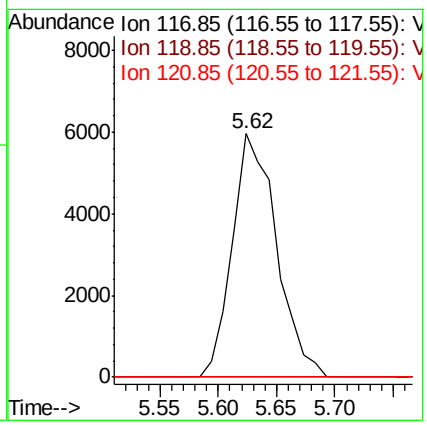


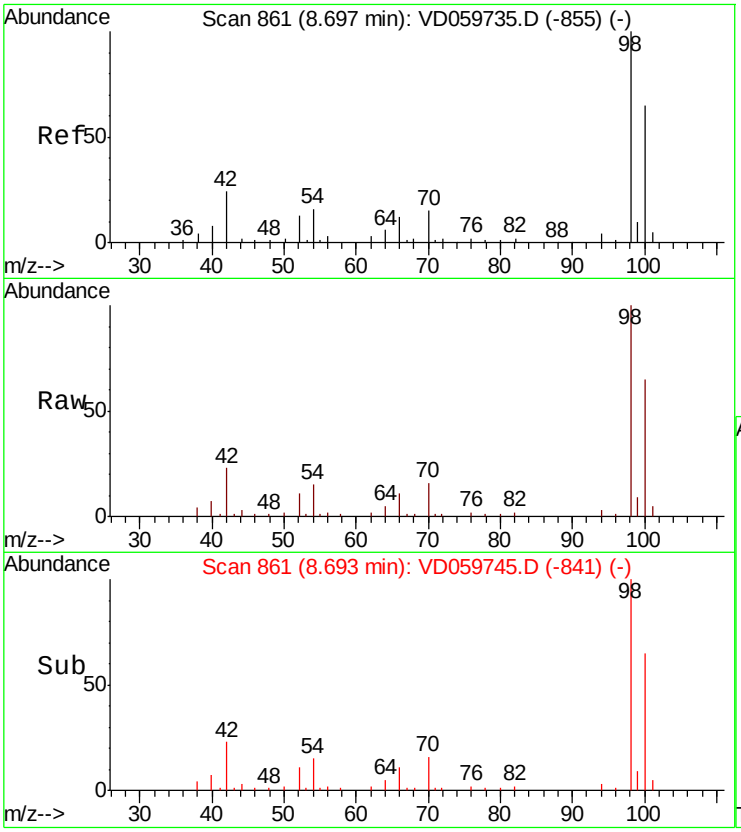


#38
Carbon Tetrachloride
Concen: 4.398 ug/l
RT: 5.62 min Scan# 549
Delta R.T. -0.09 min
Lab File: VD059745.D
Acq: 13 Aug 2018 20:41

Tgt Ion:117 Resp: 15647

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

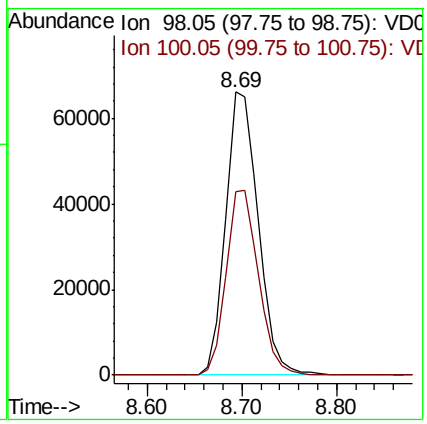


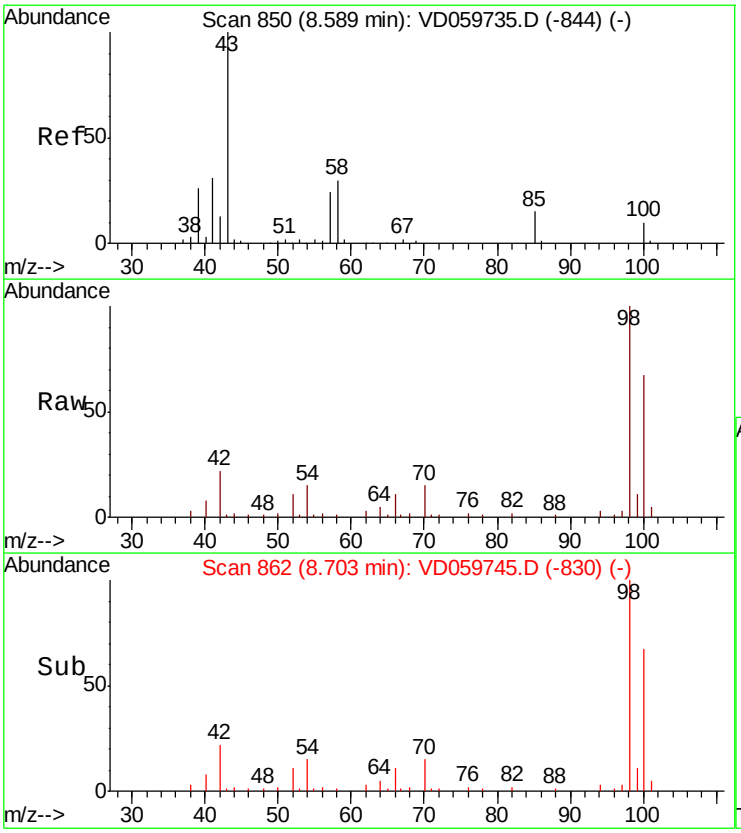


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. -0.00 min
Lab File: VD059745.D
Acq: 13 Aug 2018 20:41

Tgt Ion: 98 Resp: 156767

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2

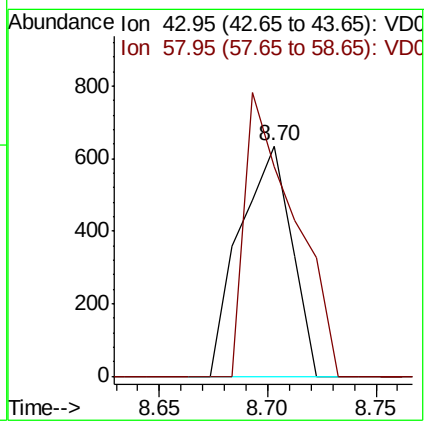


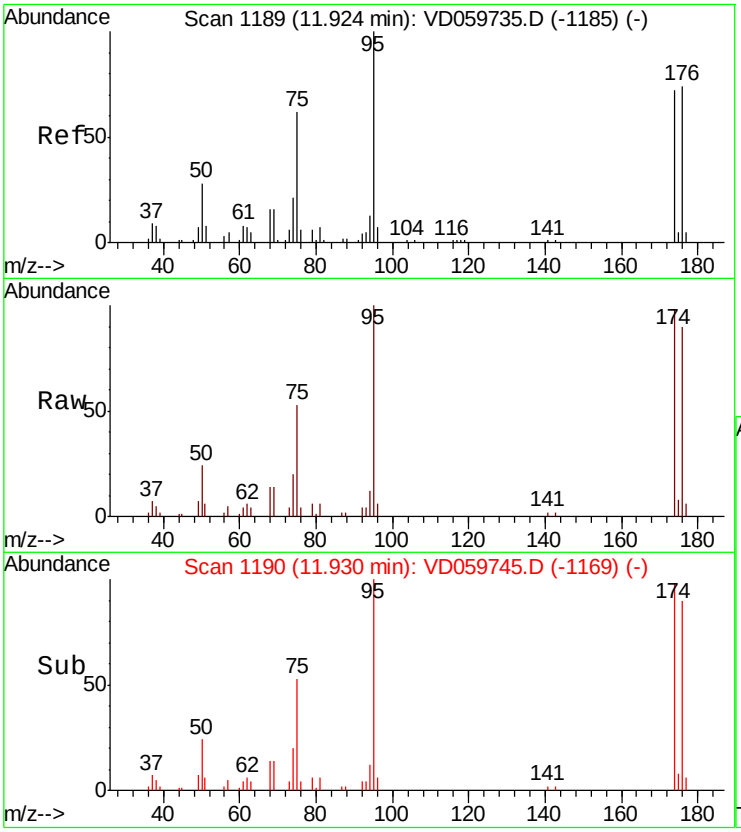


#51
4-Methyl-2-Pentanone
Concen: 1.106 ug/l
RT: 8.70 min Scan# 862
Delta R.T. 0.11 min
Lab File: VD059745.D
Acq: 13 Aug 2018 20:41

Tgt Ion: 43 Resp: 1068

Ion	Ratio	Lower	Upper
43	100		
58	91.0	24.3	36.5#

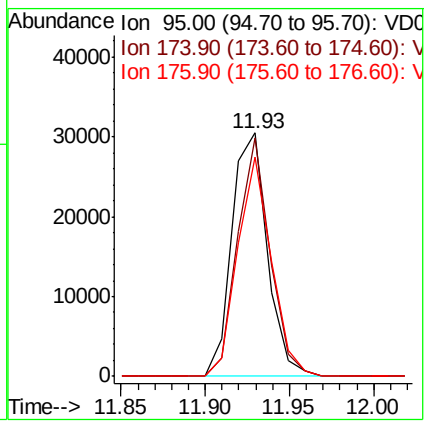


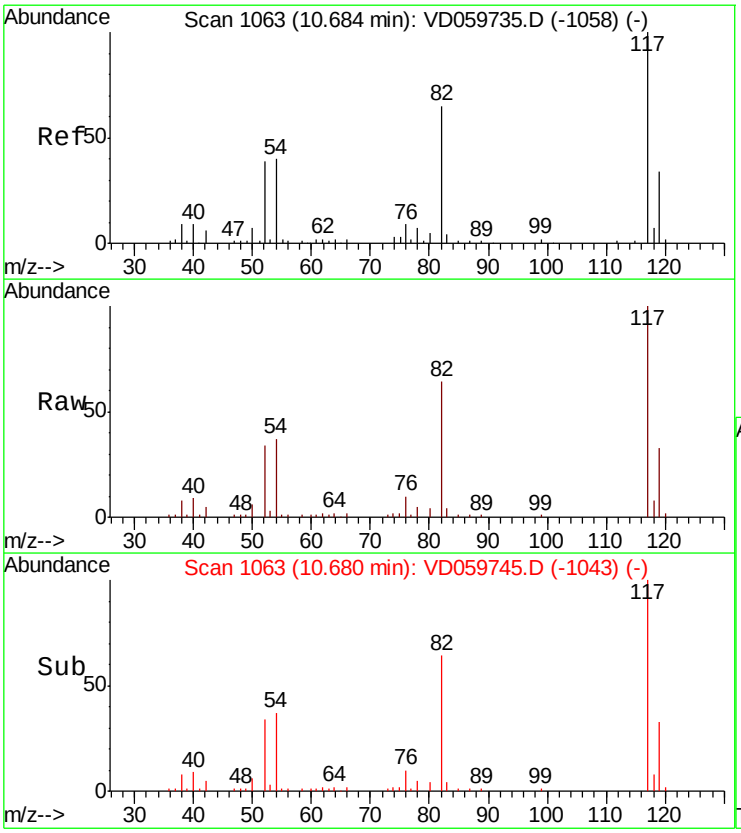


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD059745.D
Acq: 13 Aug 2018 20:41

Tgt Ion: 95 Resp: 44489

Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	143.2
176	90.0	0.0	147.2

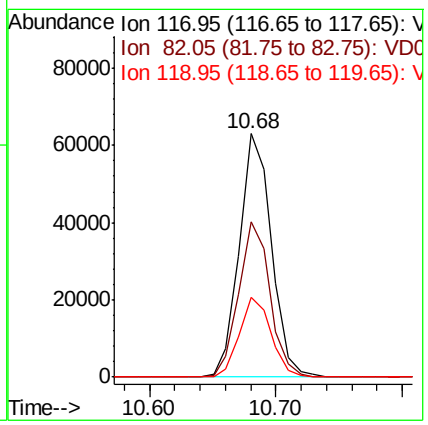


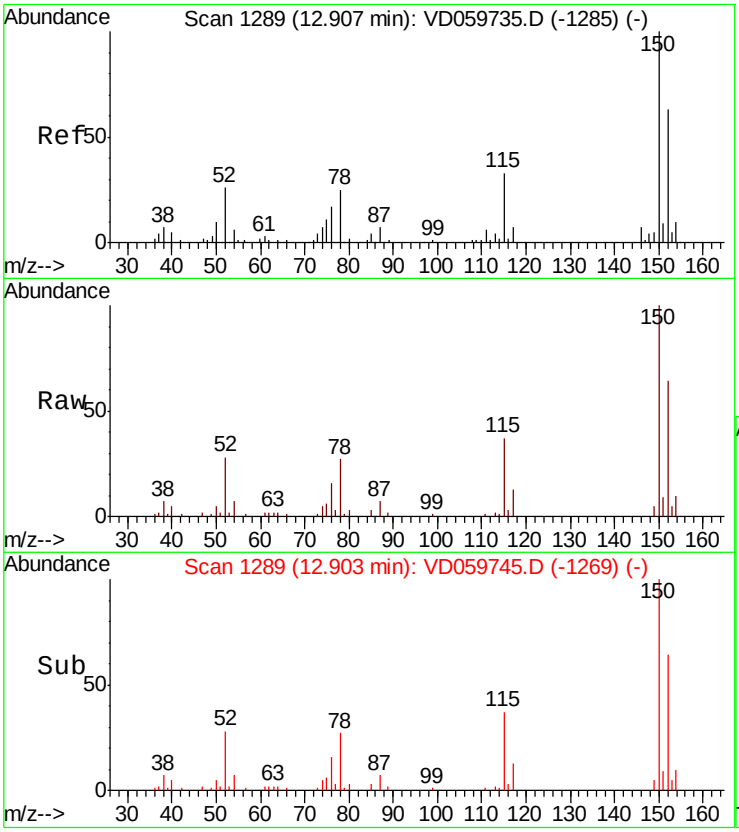


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD059745.D
Acq: 13 Aug 2018 20:41

Tgt Ion:117 Resp: 110820

Ion	Ratio	Lower	Upper
117	100		
82	64.0	51.9	77.9
119	32.8	27.4	41.0

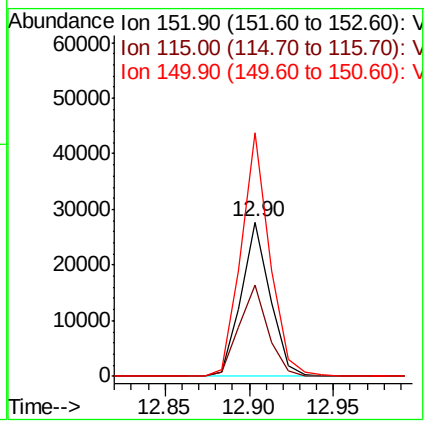


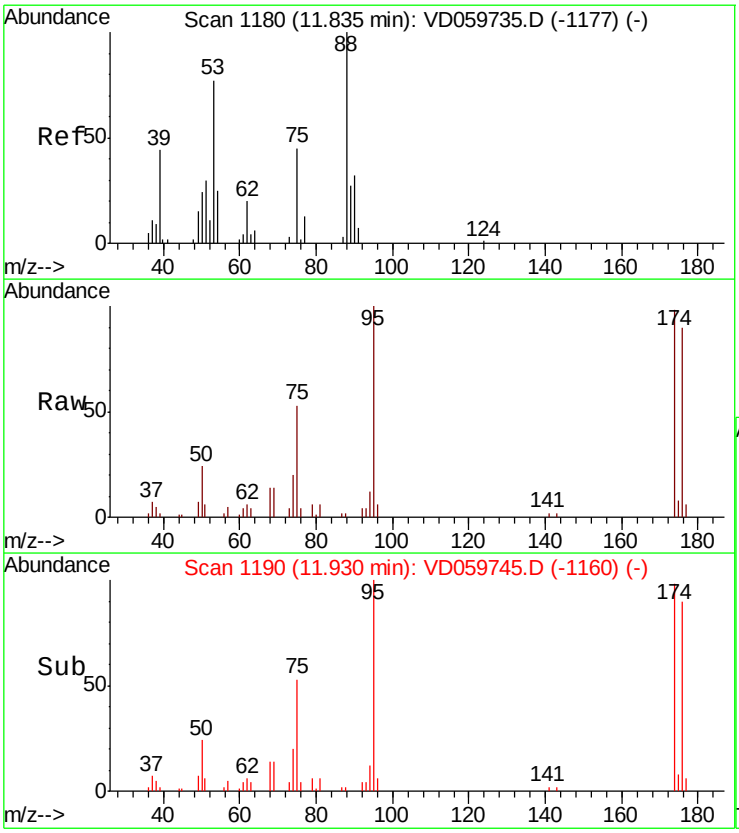


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VD059745.D
Acq: 13 Aug 2018 20:41

Tgt Ion:152 Resp: 33157

Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.8	89.3
150	157.4	0.0	320.4





#81
trans-1,4-Dichloro-2-butene
Concen: 221.471 ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.09 min
Lab File: VD059745.D
Acq: 13 Aug 2018 20:41

Tgt Ion: 75 Resp: 24467

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