

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081318\
 Data File : VD059750.D
 Acq On : 13 Aug 2018 23:03
 Operator : VA/AP
 Sample : J4442-11
 Misc : 6.20g/5ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 14 03:52:57 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	200439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	240306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	190271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	91097	50.00	ug/l	0.00

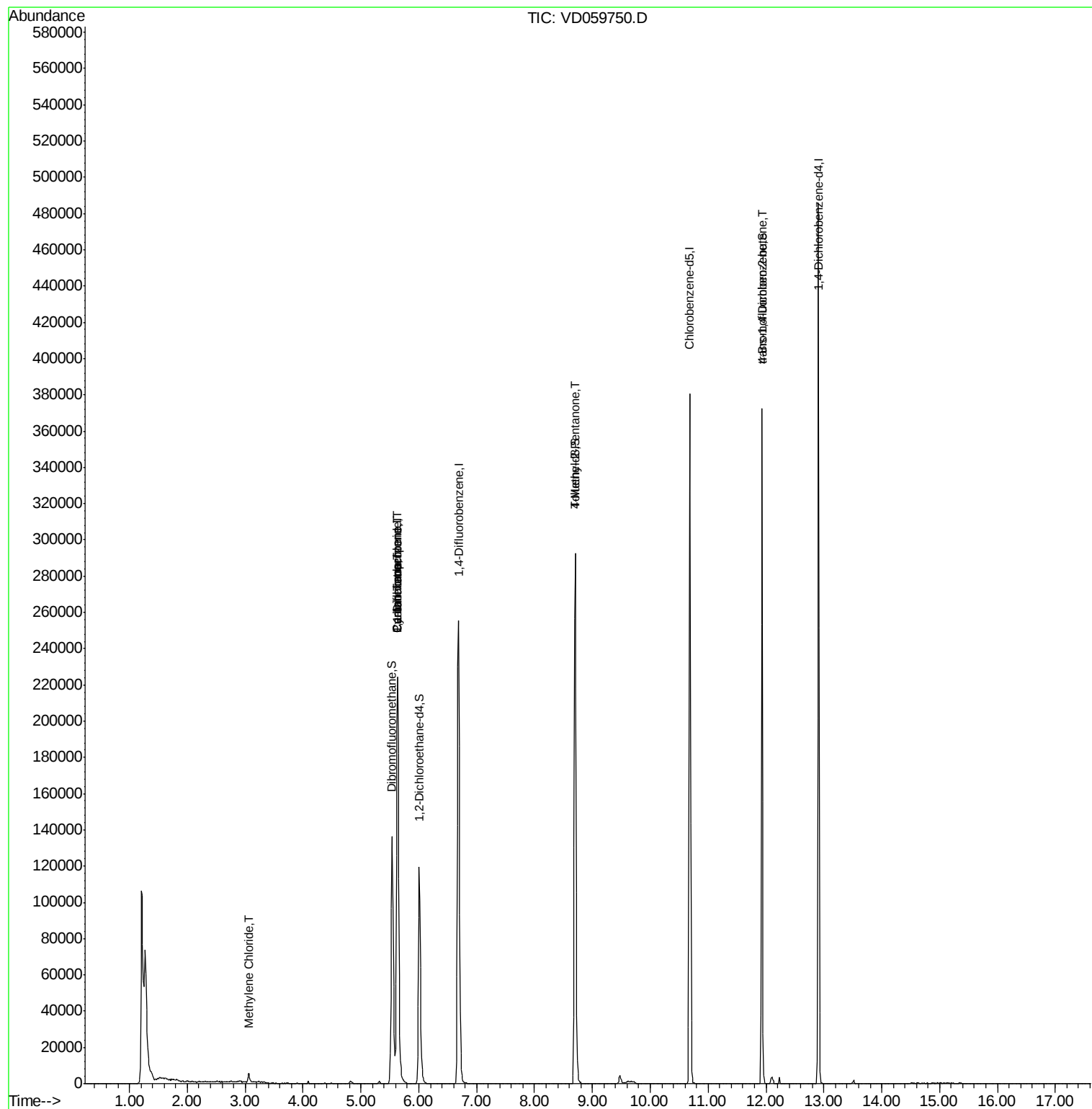
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	131232	41.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.66%	
35) Dibromofluoromethane	5.54	113	109818	44.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.76%	
50) Toluene-d8	8.70	98	227685	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
62) 4-Bromofluorobenzene	11.93	95	96178	39.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.14%	

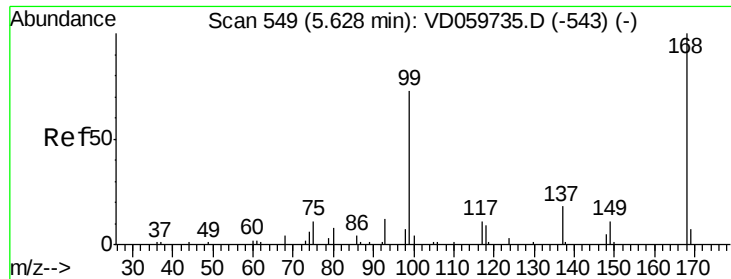
Target Compounds						Qvalue
20) Methylene Chloride	3.07	84	2437	1.647	ug/l	99
31) Cyclohexane	5.63	56	4995	2.471	ug/l #	9
36) 1,1-Dichloropropene	5.63	75	17149	6.148	ug/l #	51
38) Carbon Tetrachloride	5.63	117	20740	4.726	ug/l #	11
51) 4-Methyl-2-Pentanone	8.69	43	1449	1.216	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.93	75	50960	167.894	ug/l #	1

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

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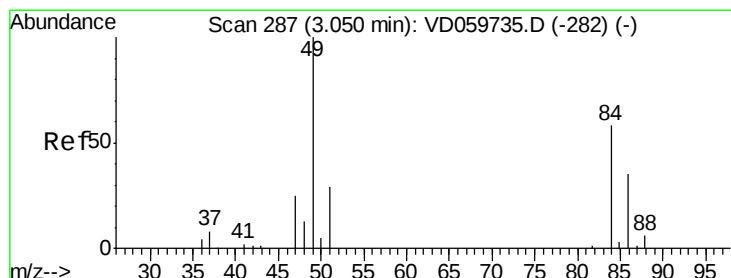
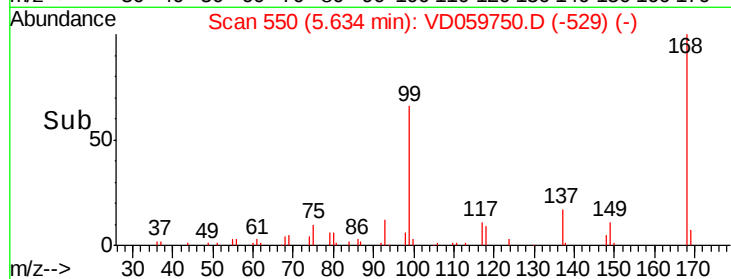
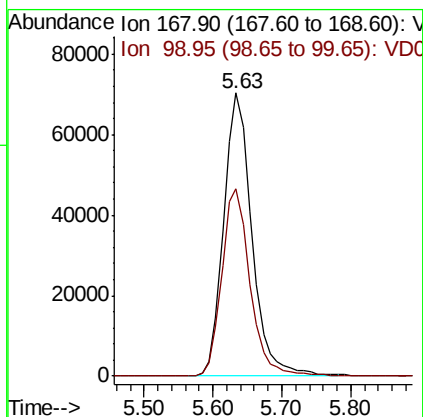
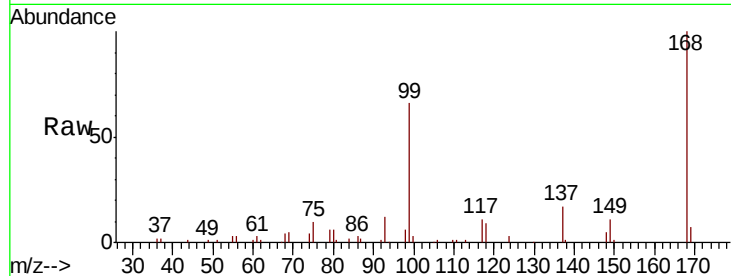
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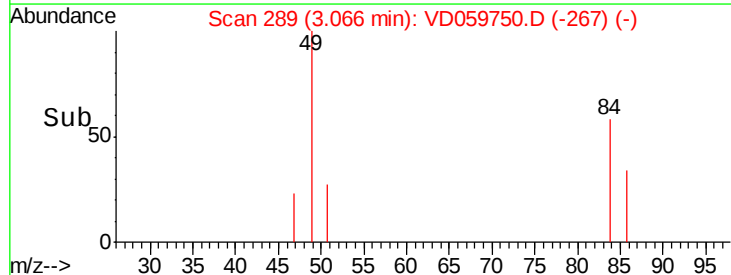
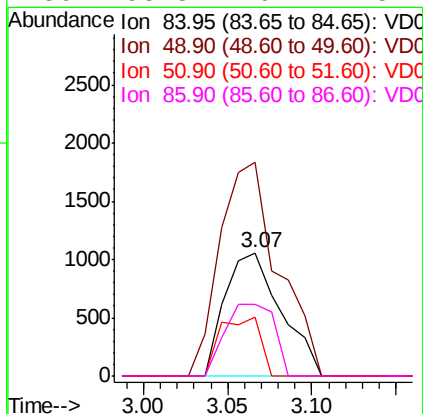
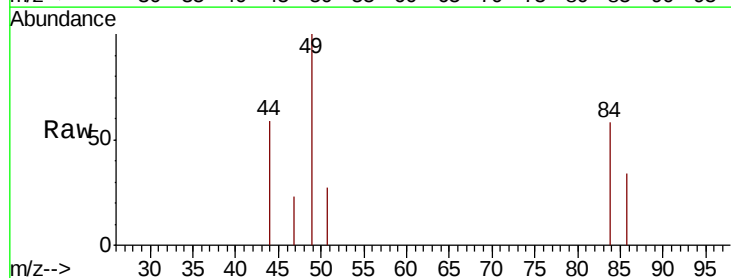
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059750.D
Acq: 13 Aug 2018 23:03

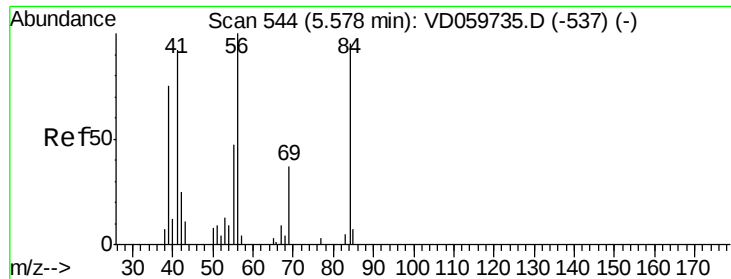
Tgt Ion: 168 Resp: 200439
Ion Ratio Lower Upper
168 100
99 66.1 61.4 92.2



#20
Methylene Chloride
Concen: 1.647 ug/l
RT: 3.07 min Scan# 289
Delta R.T. 0.02 min
Lab File: VD059750.D
Acq: 13 Aug 2018 23:03

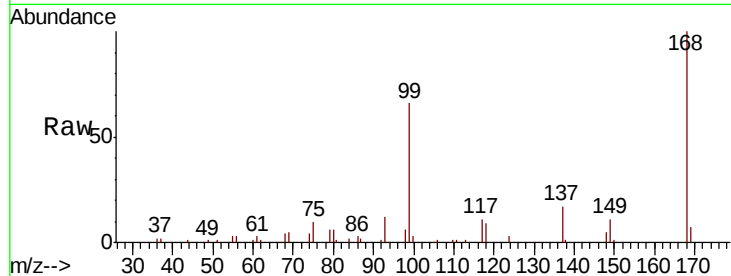
Tgt Ion: 84 Resp: 2437
Ion Ratio Lower Upper
84 100
49 173.8 138.9 208.3
51 47.8 40.2 60.2
86 58.8 49.1 73.7



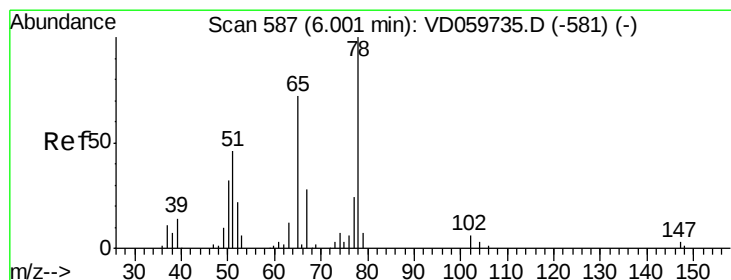
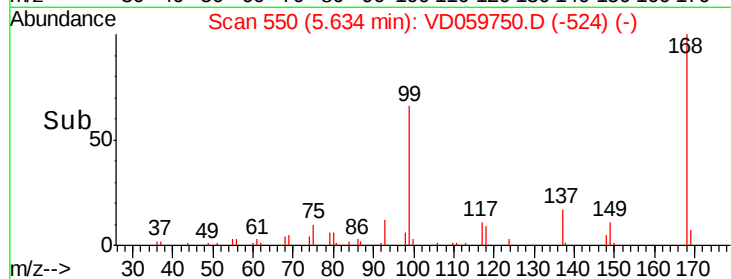
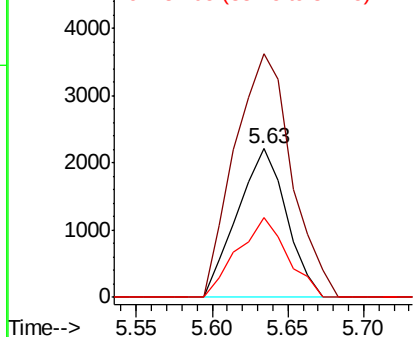


#31
Cyclohexane
Concen: 2.471 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.06 min
Lab File: VD059750.D
Acq: 13 Aug 2018 23:03

Tgt Ion: 56 Resp: 4995
Ion Ratio Lower Upper
56 100
69 164.2 29.3 43.9#
84 53.4 76.2 114.2#

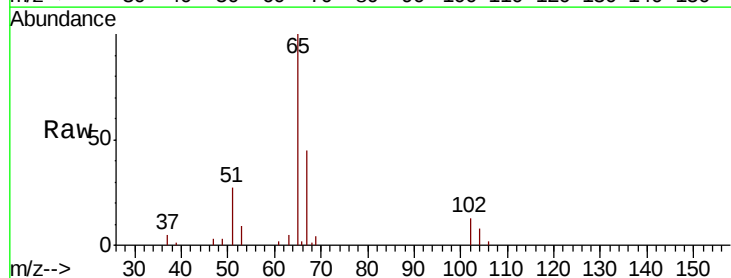


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

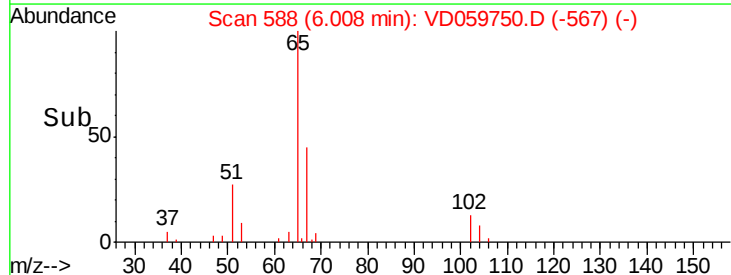
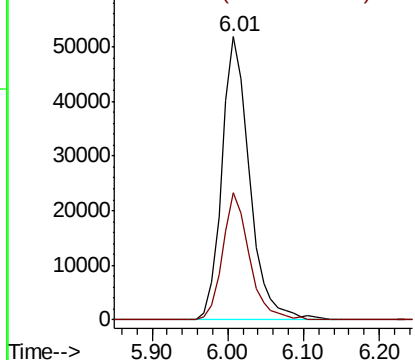


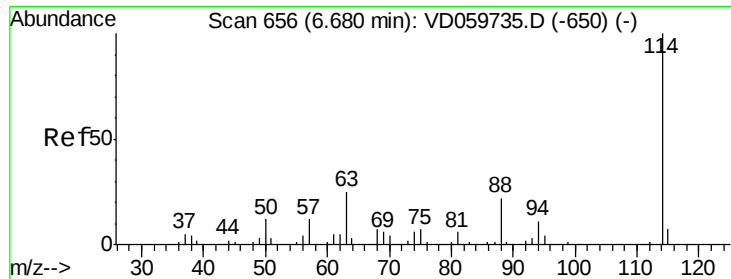
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. 0.01 min
Lab File: VD059750.D
Acq: 13 Aug 2018 23:03

Tgt Ion: 65 Resp: 131232
Ion Ratio Lower Upper
65 100
67 45.0 0.0 77.4



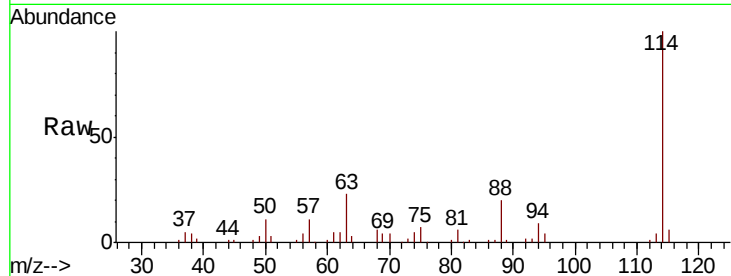
Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059750.D
 Acq: 13 Aug 2018 23:03

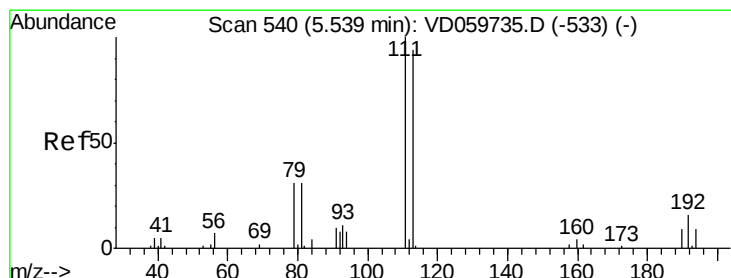
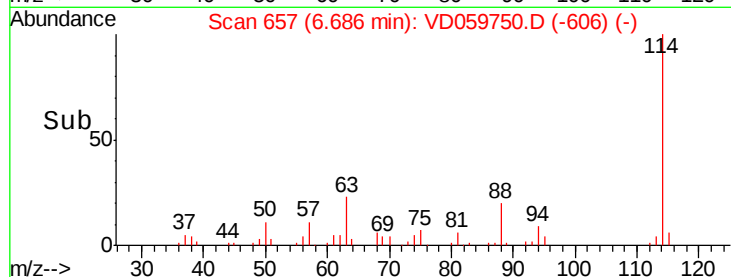
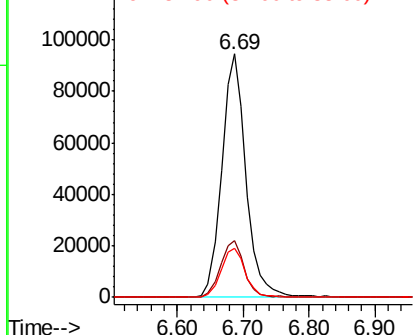
Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	50.6
88	20.0	0.0	43.4



Abundance Ion 114.00 (113.70 to 114.70): V

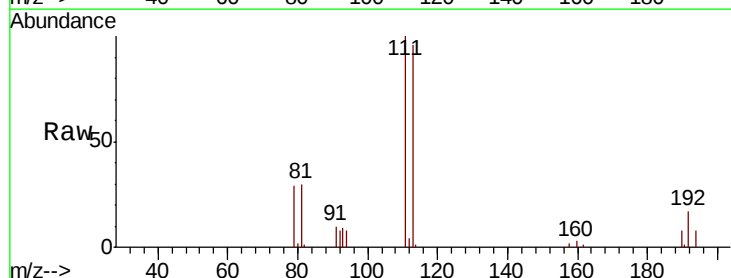
Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: VD059750.D
 Acq: 13 Aug 2018 23:03

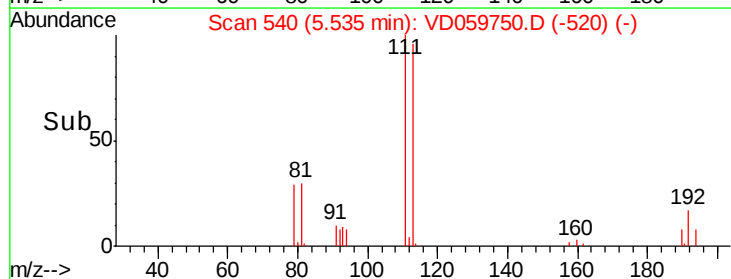
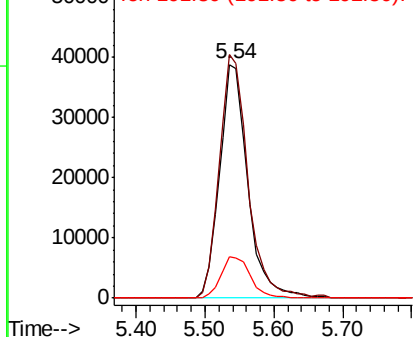
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	85.3	127.9
192	17.8	13.9	20.9

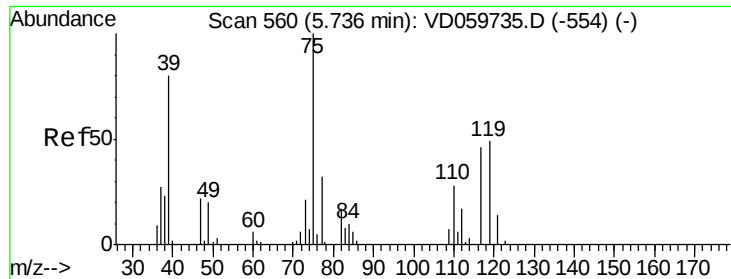


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 6.148 ug/l

RT: 5.63 min Scan# 550

Delta R.T. -0.10 min

Lab File: VD059750.D

Acq: 13 Aug 2018 23:03

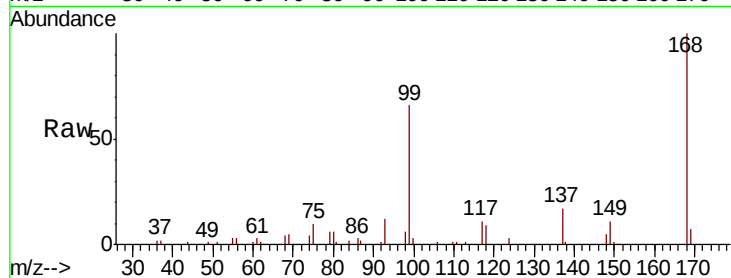
Tgt Ion: 75 Resp: 17149

Ion Ratio Lower Upper

75 100

110 7.1 13.7 41.0#

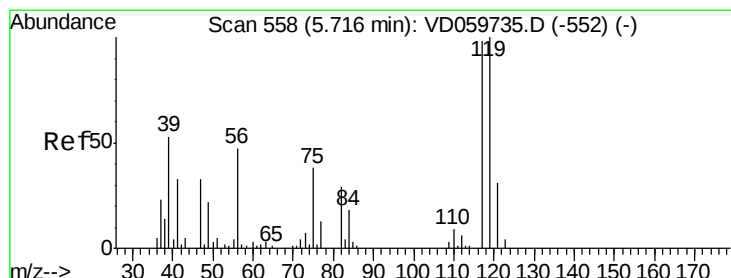
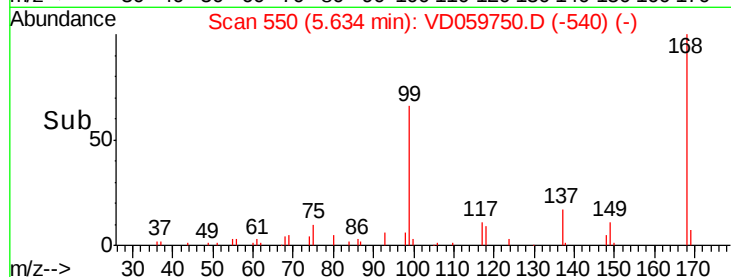
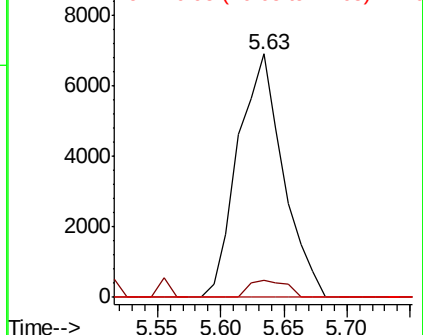
77 0.0 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V



#38

Carbon Tetrachloride

Concen: 4.726 ug/l

RT: 5.63 min Scan# 550

Delta R.T. -0.08 min

Lab File: VD059750.D

Acq: 13 Aug 2018 23:03

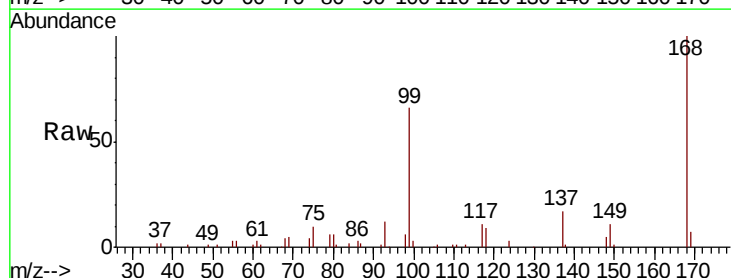
Tgt Ion: 117 Resp: 20740

Ion Ratio Lower Upper

117 100

119 0.0 78.2 117.2#

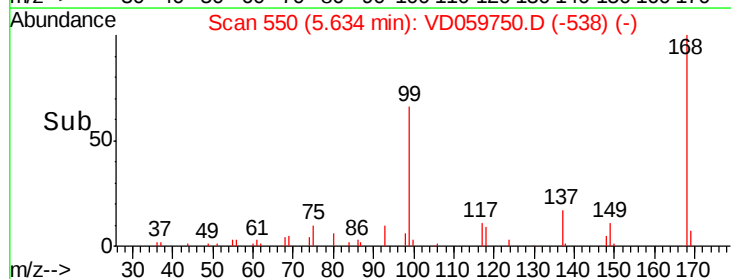
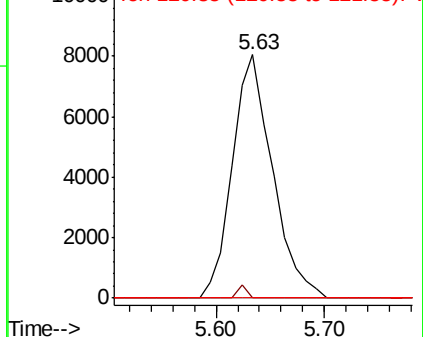
121 0.0 23.9 35.9#

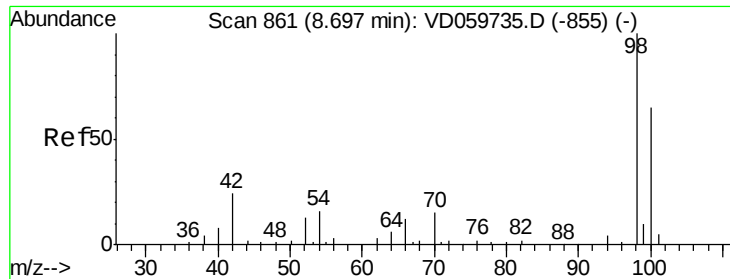


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

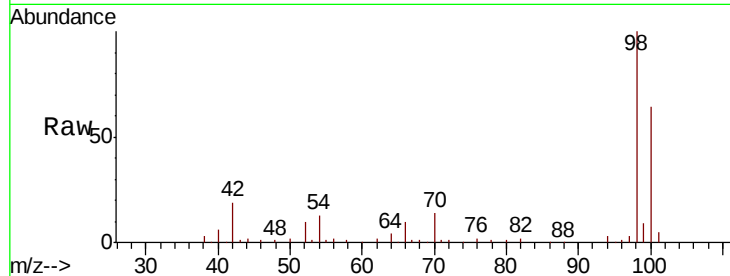
Ion 120.85 (120.55 to 121.55): V



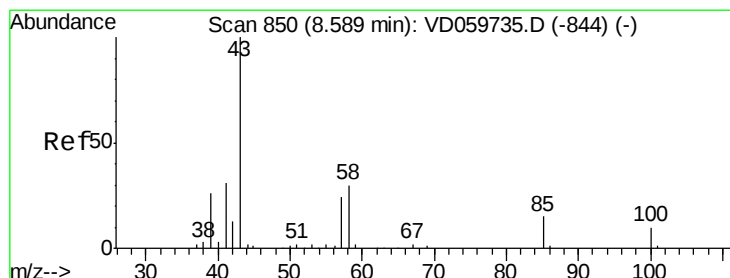
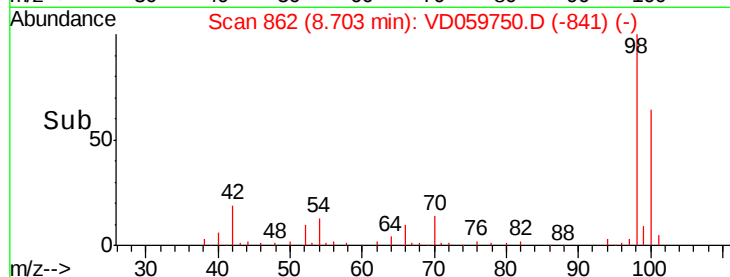
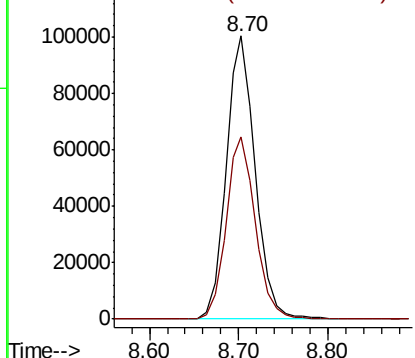


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 862
Delta R.T. 0.01 min
Lab File: VD059750.D
Acq: 13 Aug 2018 23:03

Tgt Ion: 98 Resp: 227685
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2

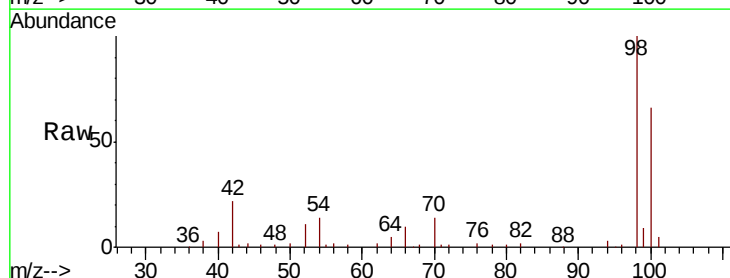


Abundance Ion 98.05 (97.75 to 98.75): VD059750.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD059750.D (-855) (-)

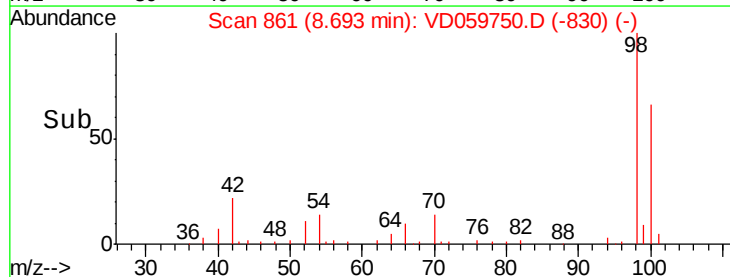
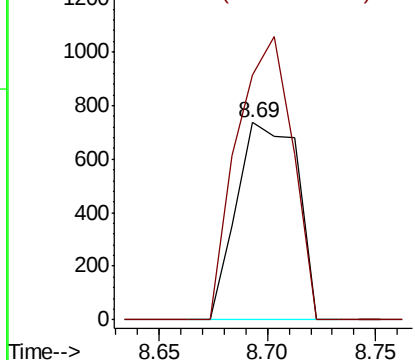


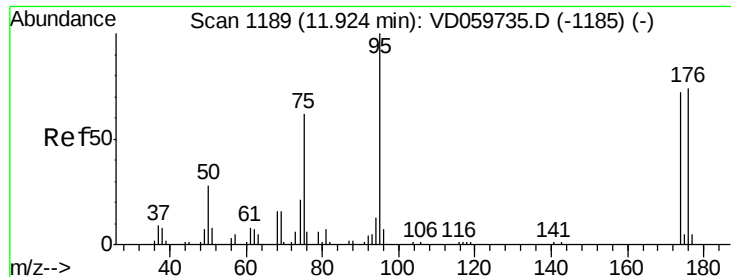
#51
4-Methyl-2-Pentanone
Concen: 1.216 ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.10 min
Lab File: VD059750.D
Acq: 13 Aug 2018 23:03

Tgt Ion: 43 Resp: 1449
Ion Ratio Lower Upper
43 100
58 124.0 24.3 36.5#



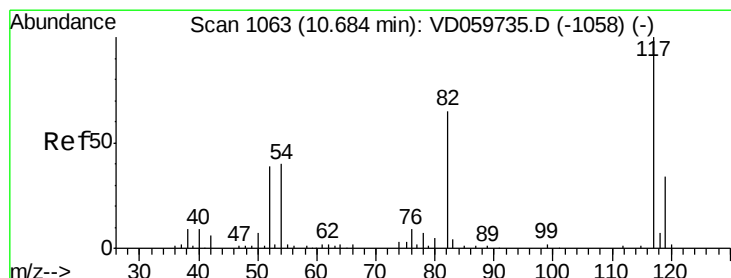
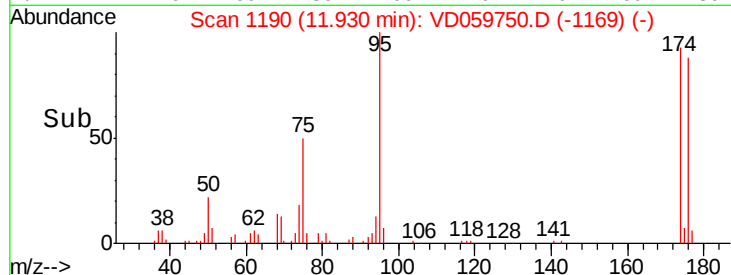
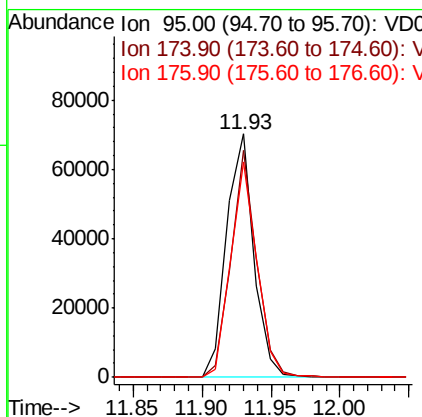
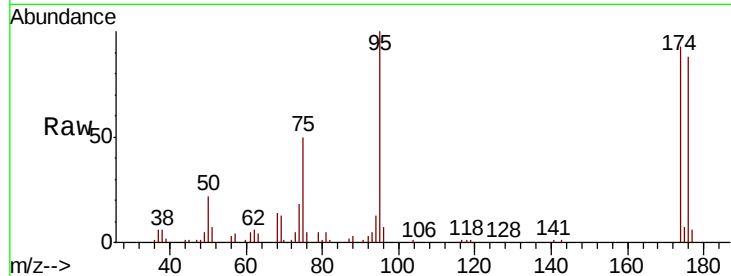
Abundance Ion 42.95 (42.65 to 43.65): VD059750.D (-830) (-)
Ion 57.95 (57.65 to 58.65): VD059750.D (-830) (-)





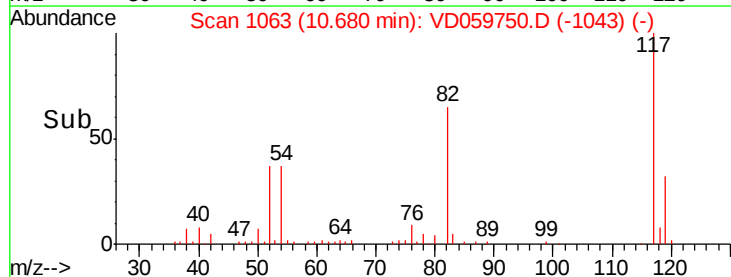
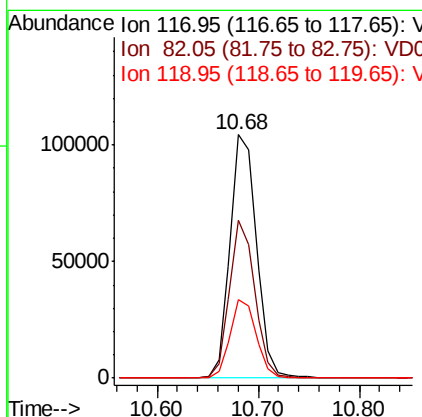
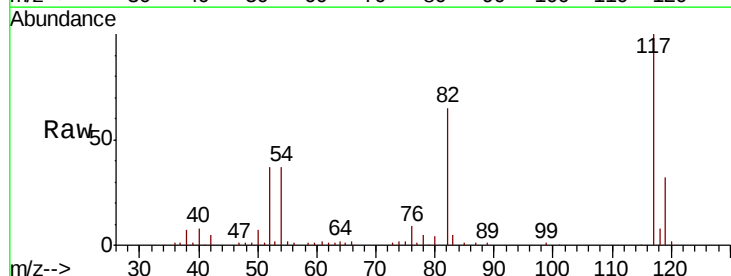
#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 11.93 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: VD059750.D
 Acq: 13 Aug 2018 23:03

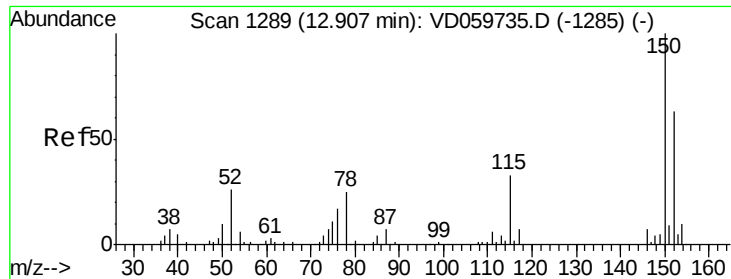
Tgt Ion: 95 Resp: 96178
 Ion Ratio Lower Upper
 95 100
 174 93.1 0.0 143.2
 176 88.4 0.0 147.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.68 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: VD059750.D
 Acq: 13 Aug 2018 23:03

Tgt Ion: 117 Resp: 190271
 Ion Ratio Lower Upper
 117 100
 82 64.9 51.9 77.9
 119 32.0 27.4 41.0

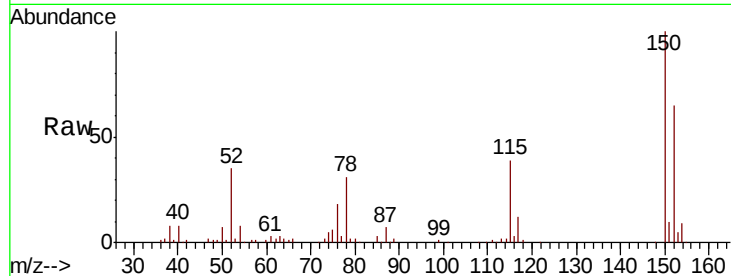




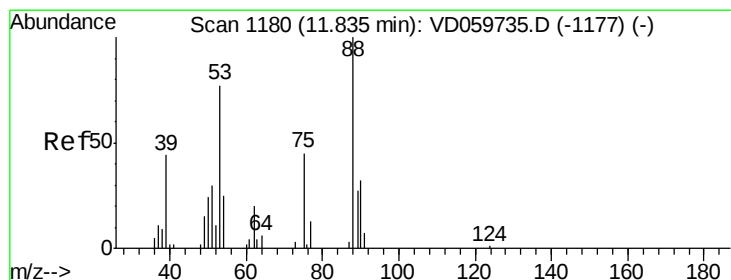
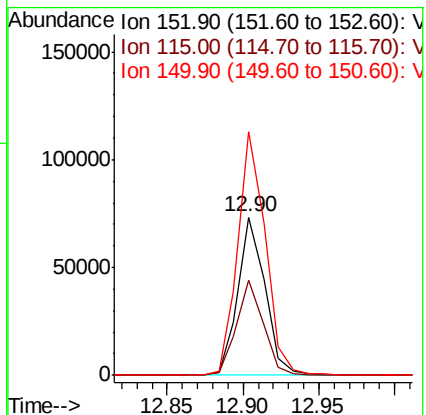
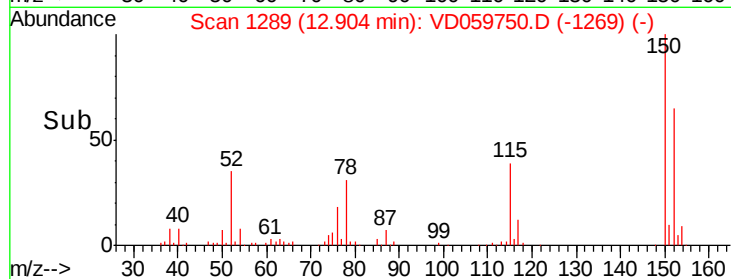
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VD059750.D
Acq: 13 Aug 2018 23:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.8	89.3
150	153.8	0.0	320.4



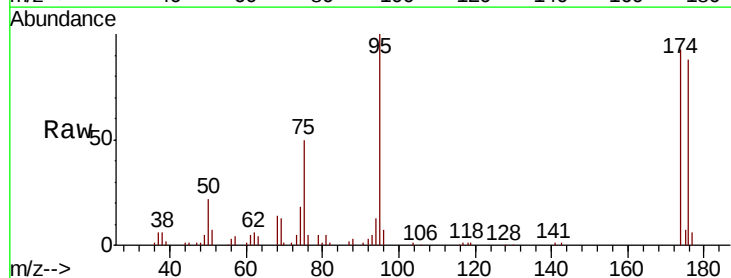
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 167.894 ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.09 min
Lab File: VD059750.D
Acq: 13 Aug 2018 23:03

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



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

