

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

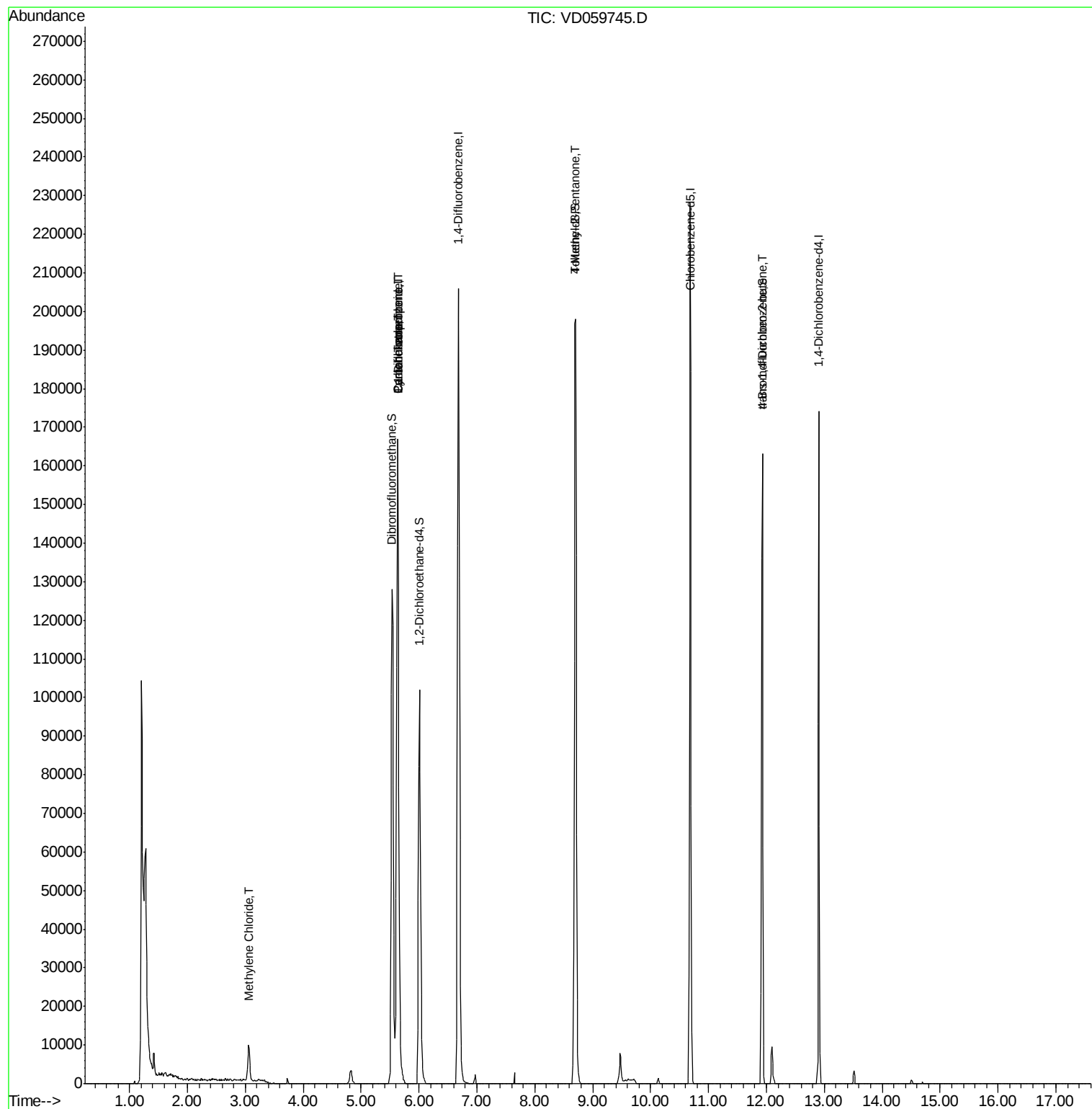
Quant Time: Aug 14 03:52:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

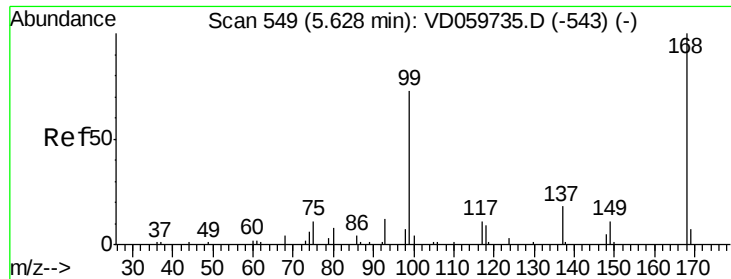
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	148630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	194832	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	110820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	33157	50.00	ug/l	0.00
System Monitoring Compounds						
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						
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

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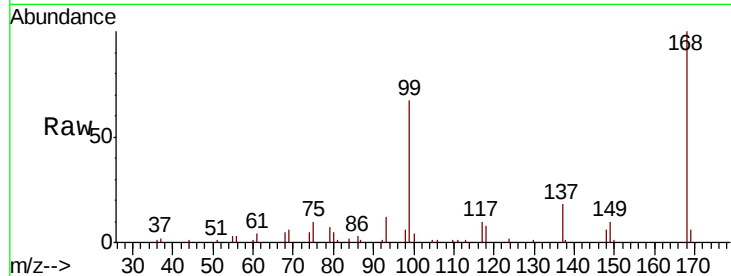
Quant Time: Aug 14 03:52:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 11 05:42:24 2018
Response via : Initial Calibration



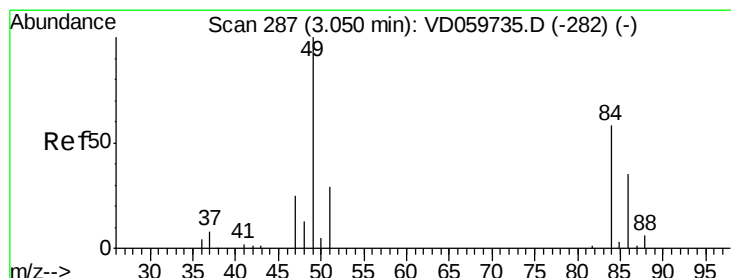
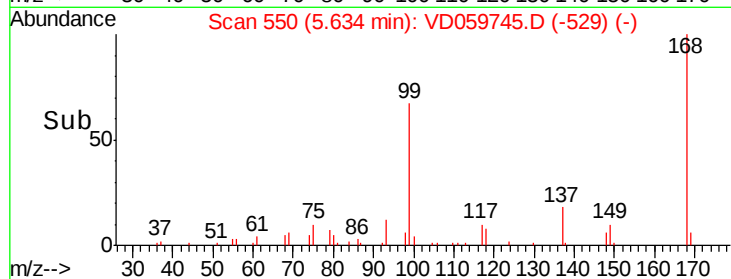
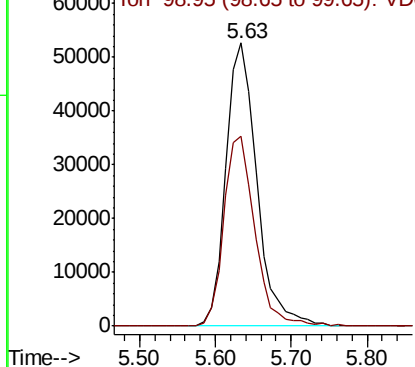


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059745.D
Acq: 13 Aug 2018 20:41

Tgt Ion: 168 Resp: 148630
Ion Ratio Lower Upper
168 100
99 67.3 61.4 92.2

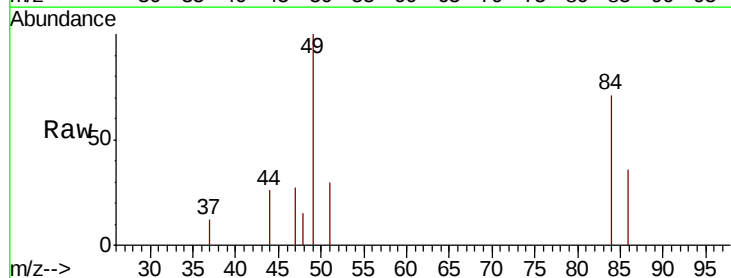


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.95 (98.65 to 99.65): VDC

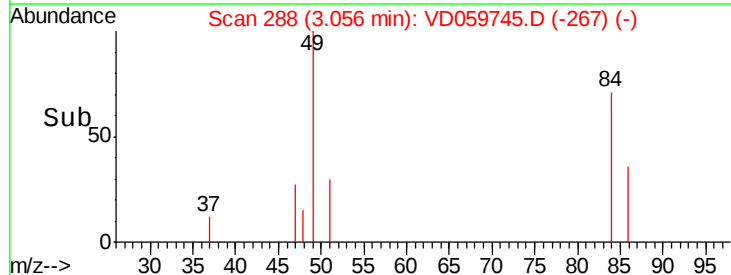
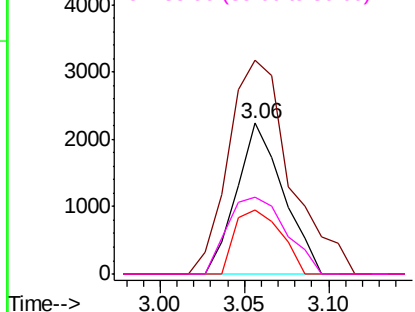


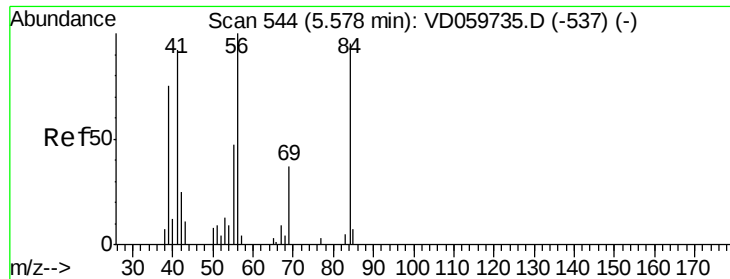
#20
Methylene Chloride
Concen: 3.930 ug/l
RT: 3.06 min Scan# 288
Delta R.T. 0.01 min
Lab File: VD059745.D
Acq: 13 Aug 2018 20:41

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



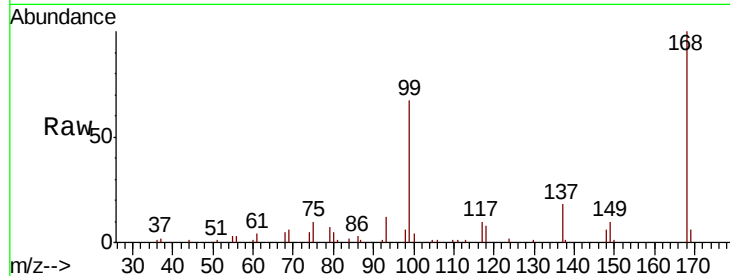
Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC



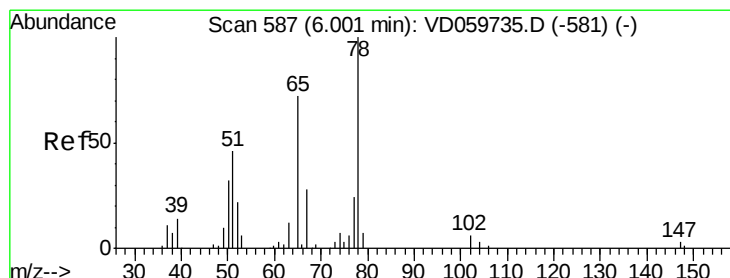
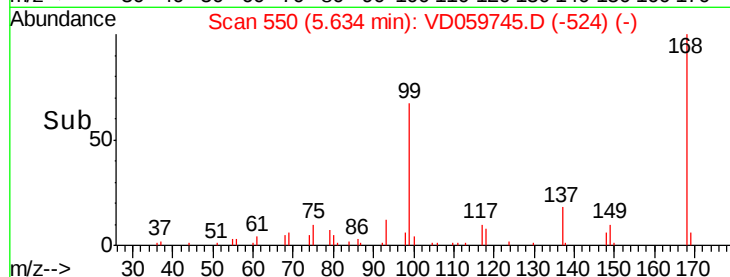
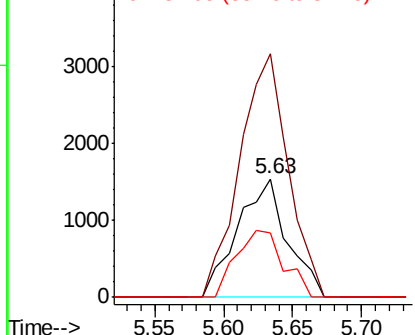


#31
Cyclohexane
Concen: 2.590 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.06 min
Lab File: VD059745.D
Acq: 13 Aug 2018 20:41

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#

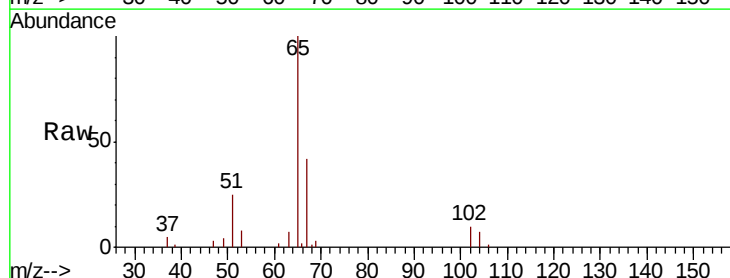


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

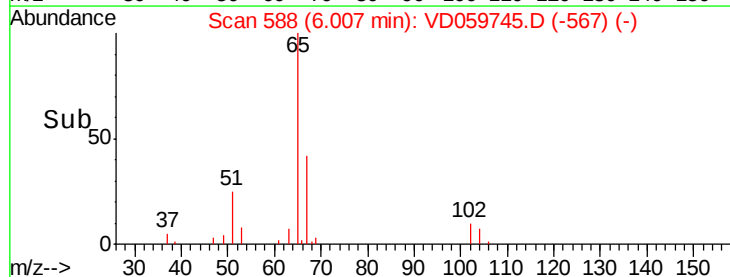
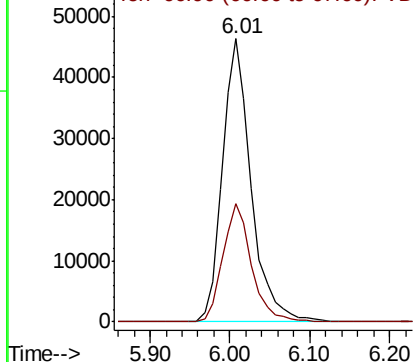


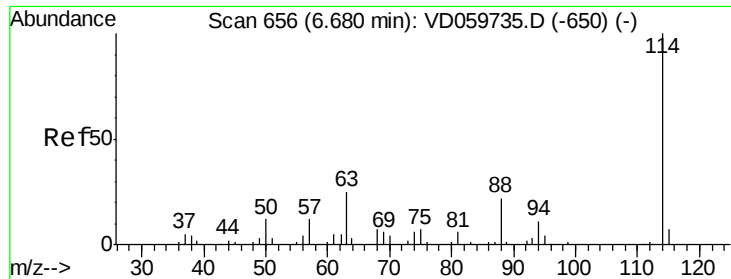
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. 0.01 min
Lab File: VD059745.D
Acq: 13 Aug 2018 20:41

Tgt Ion: 65 Resp: 116605
Ion Ratio Lower Upper
65 100
67 41.9 0.0 77.4



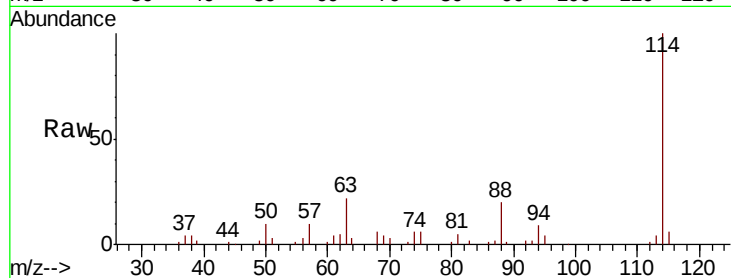
Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





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

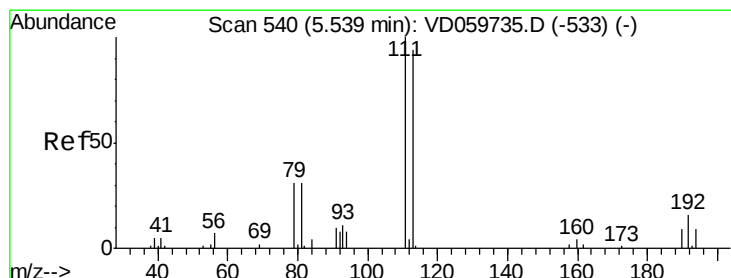
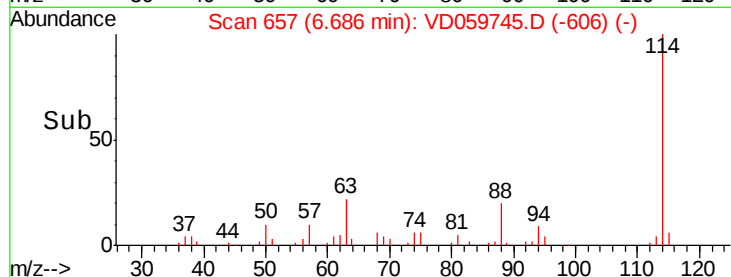
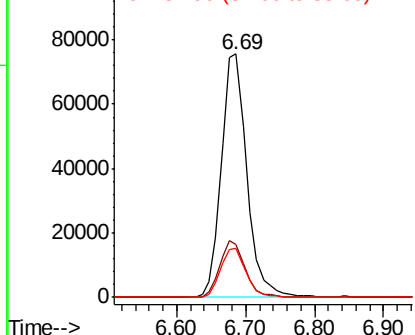
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	50.6
88	20.3	0.0	43.4



Abundance Ion 114.00 (113.70 to 114.70): V

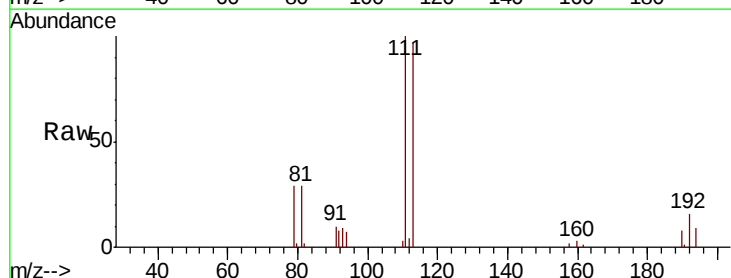
Ion 62.95 (62.65 to 63.65): V

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: VD059745.D
 Acq: 13 Aug 2018 20:41

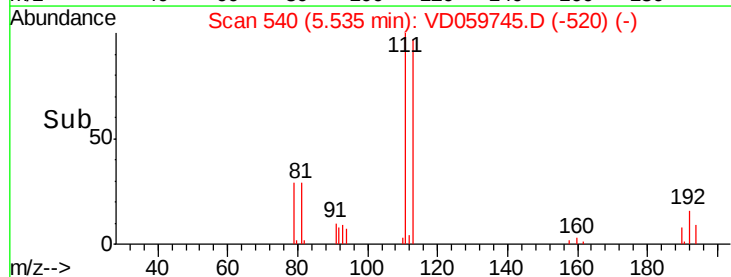
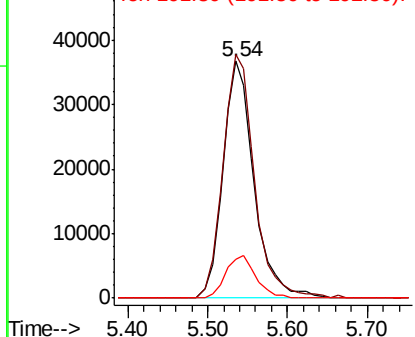
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	85.3	127.9
192	16.4	13.9	20.9

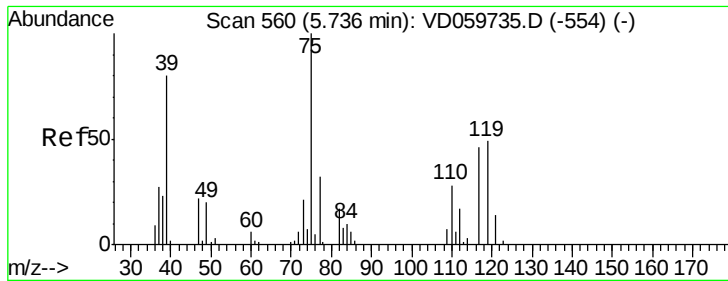


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

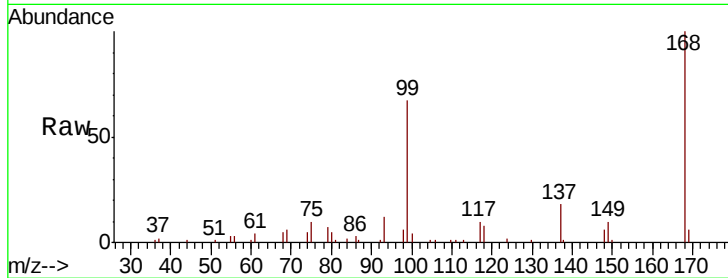
Ion 191.80 (191.50 to 192.50): V



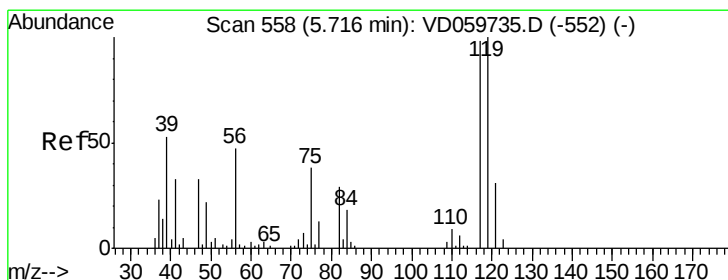
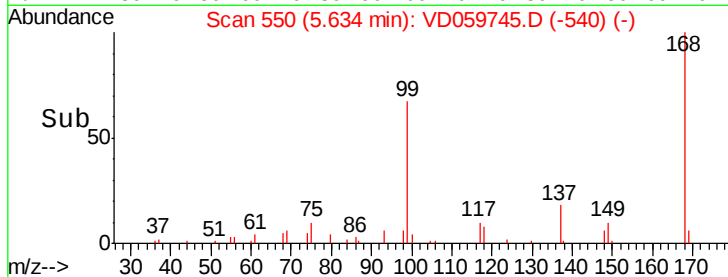
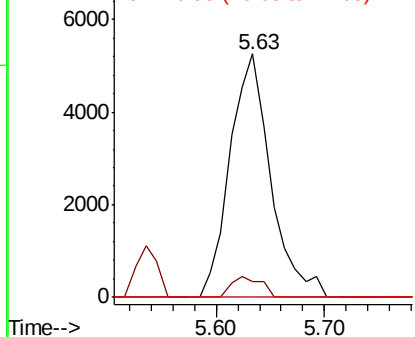


#36
 1,1-Dichloropropene
 Concen: 6.090 ug/l
 RT: 5.63 min Scan# 550
 Delta R.T. -0.10 min
 Lab File: VD059745.D
 Acq: 13 Aug 2018 20:41

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

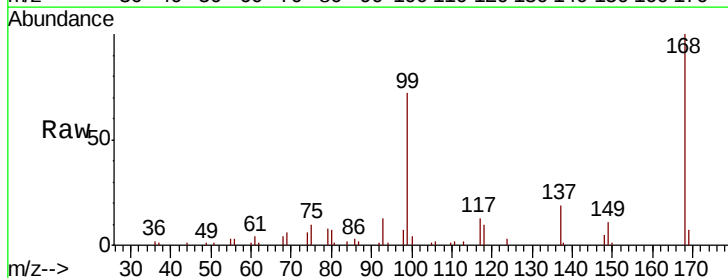


Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): V

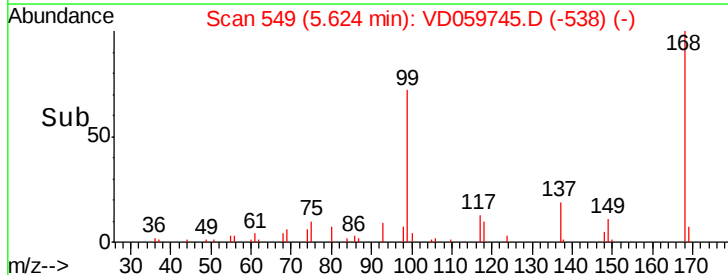
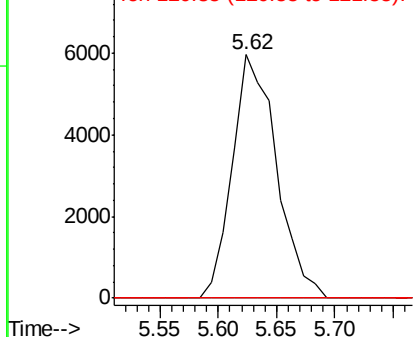


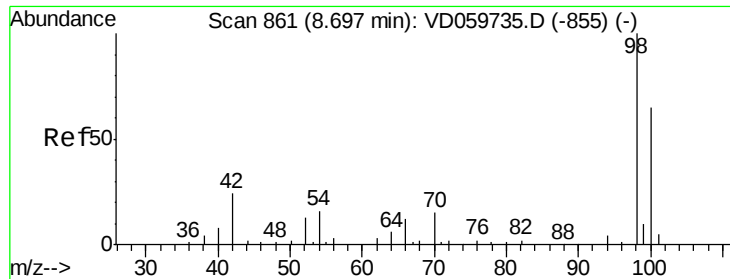
#38
 Carbon Tetrachloride
 Concen: 4.398 ug/l
 RT: 5.62 min Scan# 549
 Delta R.T. -0.09 min
 Lab File: VD059745.D
 Acq: 13 Aug 2018 20:41

Tgt Ion	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: 8.69 min Scan# 861

Delta R.T. -0.00 min

Lab File: VD059745.D

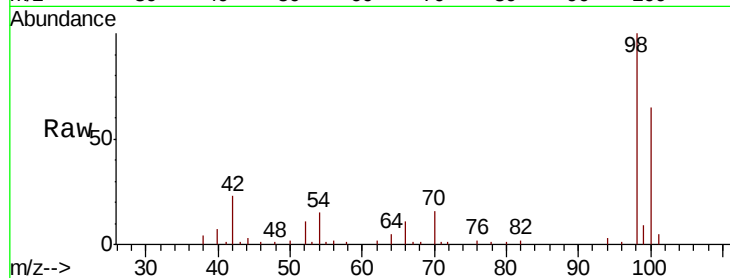
Acq: 13 Aug 2018 20:41

Tgt Ion: 98 Resp: 156767

Ion Ratio Lower Upper

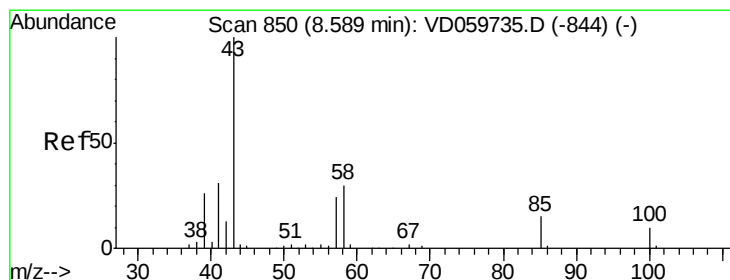
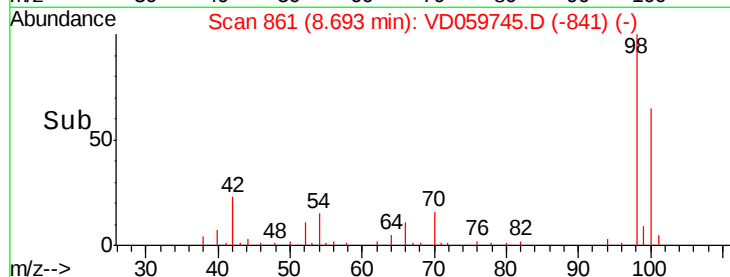
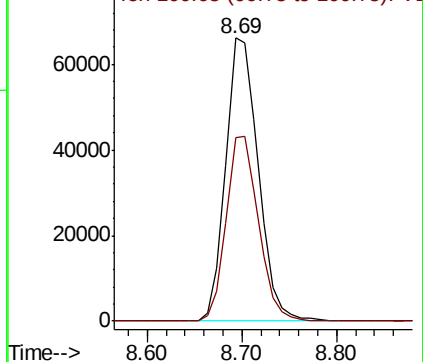
98 100

100 64.7 52.2 78.2



Abundance Ion 98.05 (97.75 to 98.75): VD0

Ion 100.05 (99.75 to 100.75): VD



#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

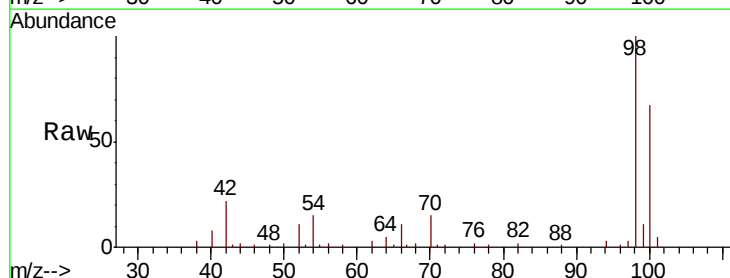
Acq: 13 Aug 2018 20:41

Tgt Ion: 43 Resp: 1068

Ion Ratio Lower Upper

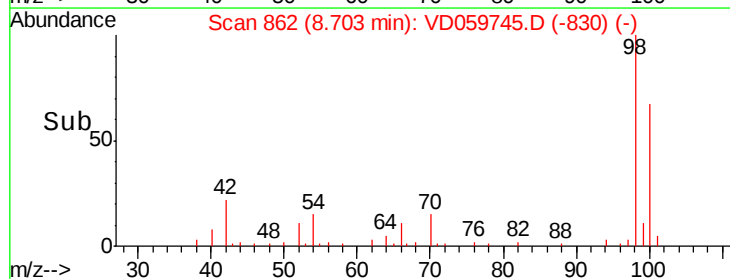
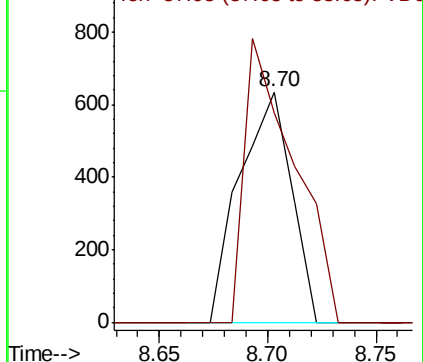
43 100

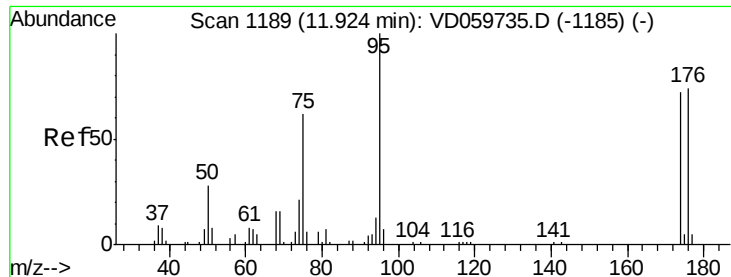
58 91.0 24.3 36.5#



Abundance Ion 42.95 (42.65 to 43.65): VD0

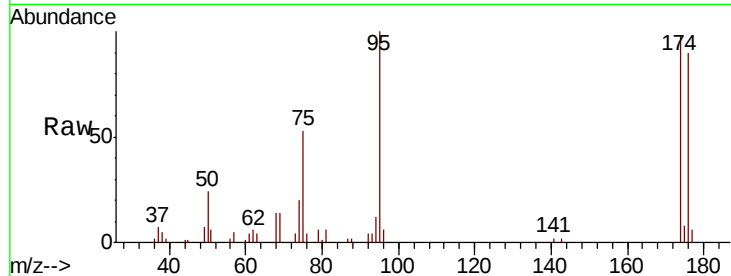
Ion 57.95 (57.65 to 58.65): VD0





#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	Resp	Ion Ratio	Lower	Upper
95	44489	100		
174		98.1	0.0	143.2
176		90.0	0.0	147.2

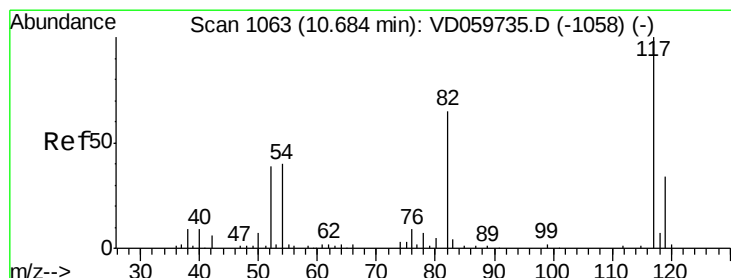
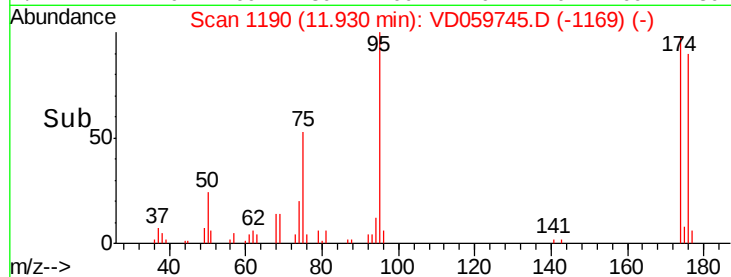
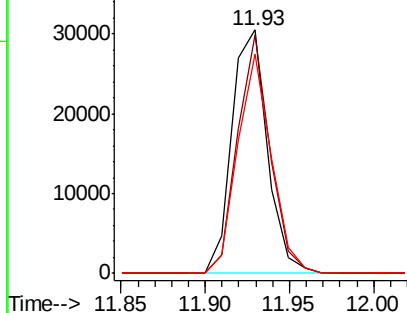


Abundance

Ion 95.00 (94.70 to 95.70): V

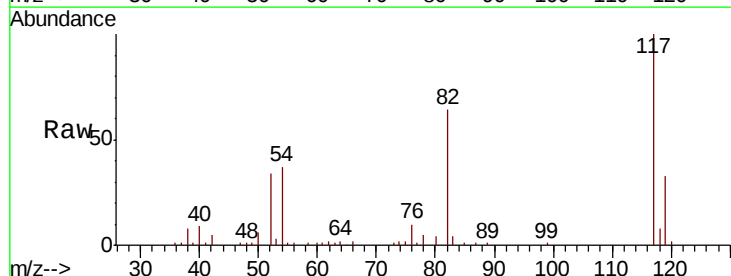
Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#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	Resp	Ion Ratio	Lower	Upper
117	110820	100		
82		64.0	51.9	77.9
119		32.8	27.4	41.0

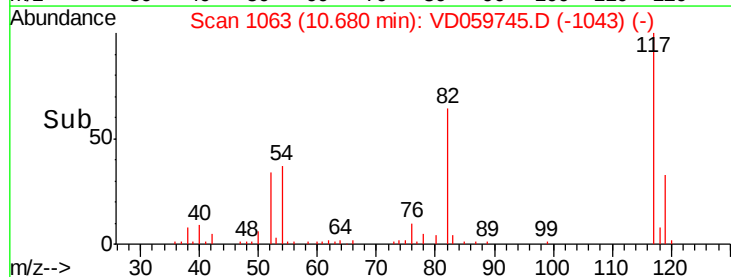
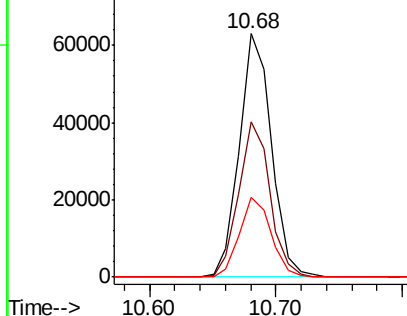


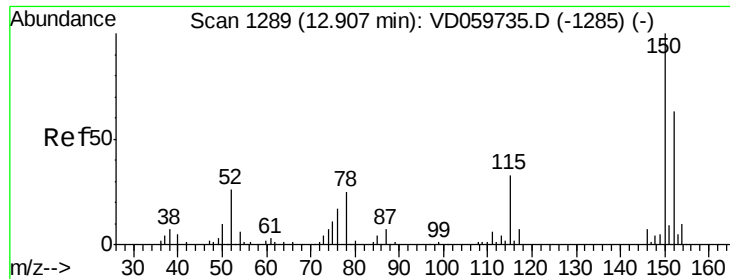
Abundance

Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

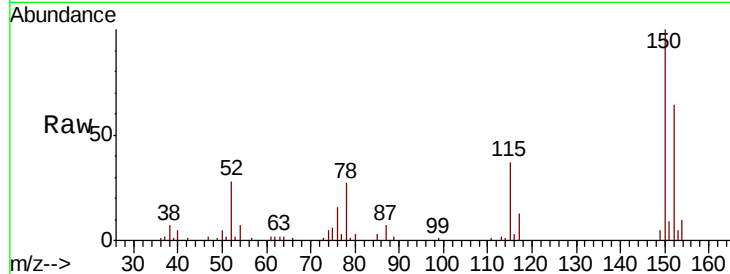




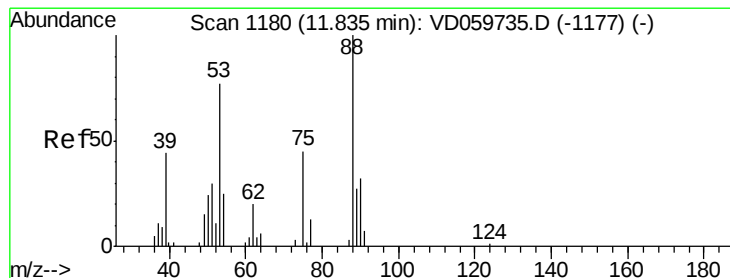
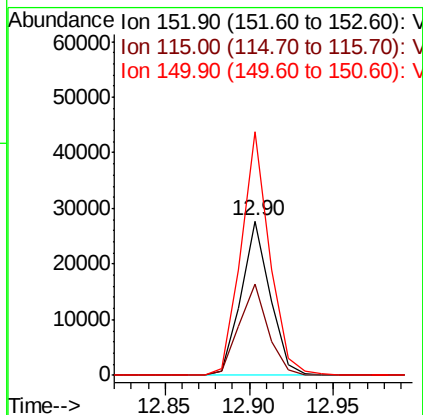
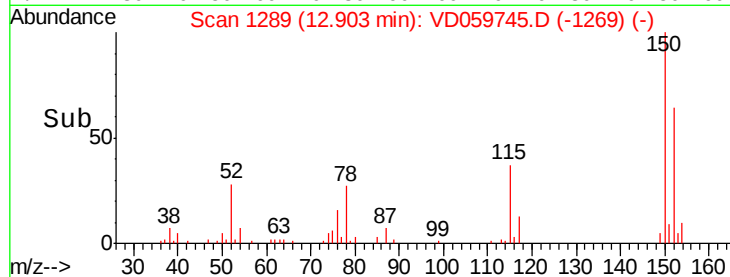
#72

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



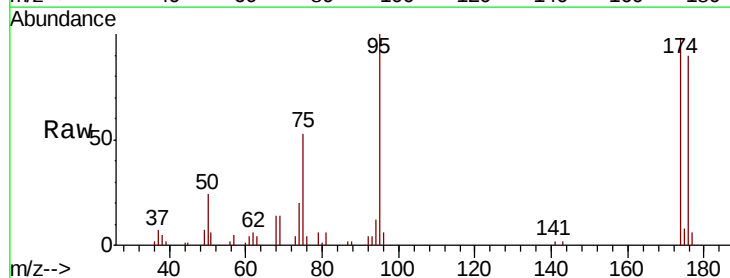
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 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	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

