

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081318\
 Data File : VD059755.D
 Acq On : 14 Aug 2018 1:24
 Operator : VA/AP
 Sample : J4443-01
 Misc : 3.34g/5ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

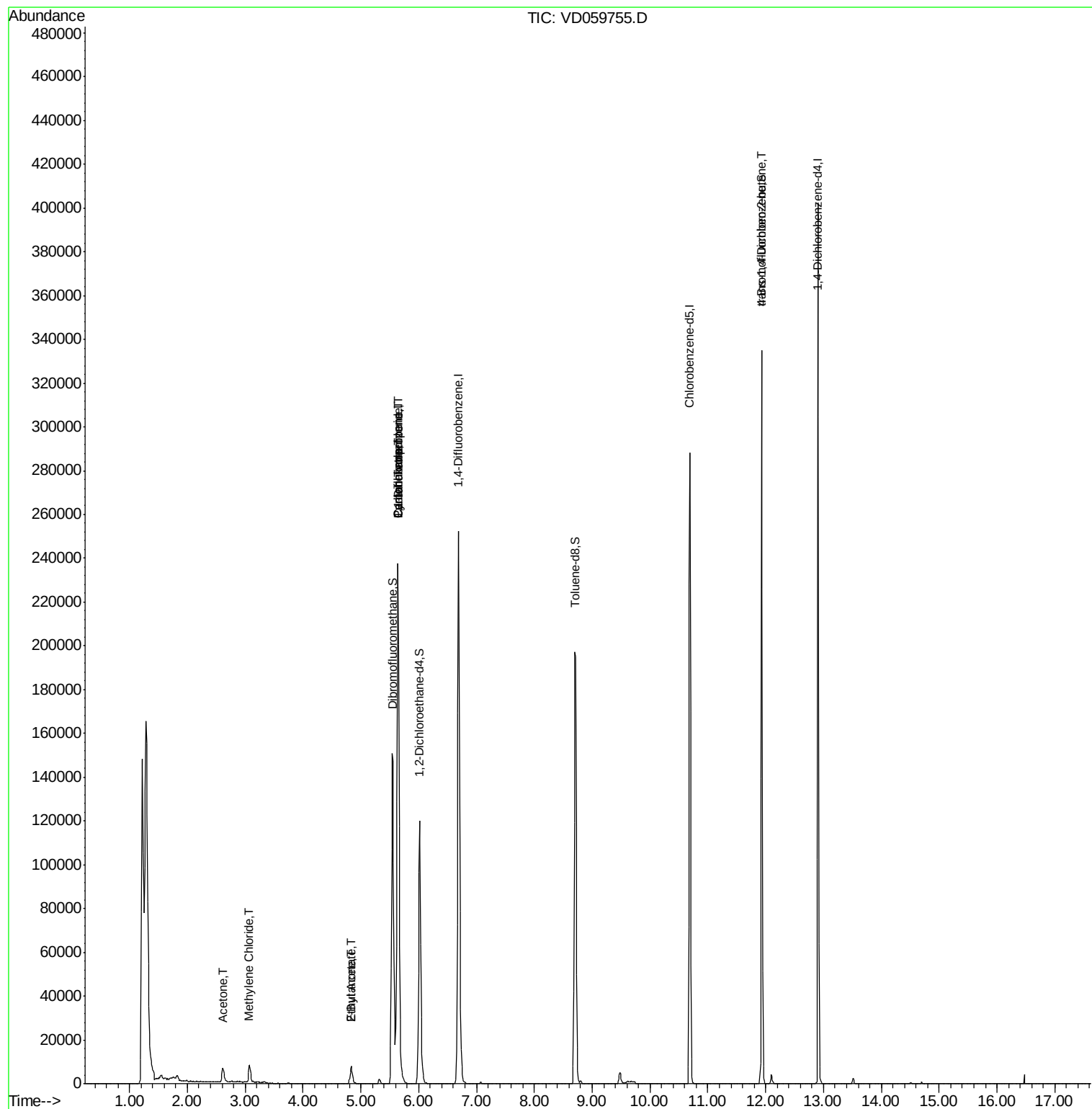
Quant Time: Aug 14 03:53:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

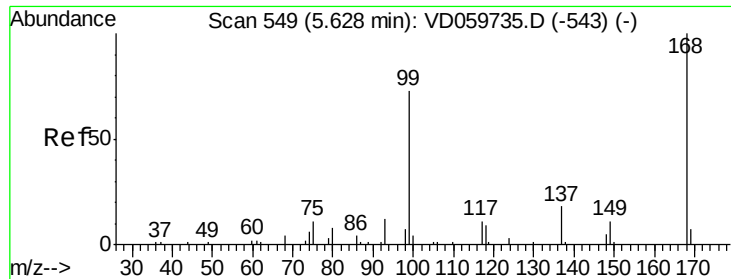
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	202442	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	235050	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.69	117	139804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	77683	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	140456	44.33	ug/l	0.02
Spiked Amount 50.000			Recovery	=	88.66%	
35) Dibromofluoromethane	5.54	113	121358	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	8.71	98	153388	31.95	ug/l	0.02
Spiked Amount 50.000			Recovery	=	63.90%	
62) 4-Bromofluorobenzene	11.93	95	85225	35.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.78%	
Target Compounds						
16) Acetone	2.61	43	14271	27.570	ug/l	94
20) Methylene Chloride	3.07	84	4442	2.973	ug/l	91
25) 2-Butanone	4.83	43	1426	2.563	ug/l #	62
31) Cyclohexane	5.63	56	5131	2.513	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	19645	7.201	ug/l #	51
37) Ethyl Acetate	4.83	43	1426	1.188	ug/l #	77
38) Carbon Tetrachloride	5.64	117	21553	5.021	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.93	75	49836	192.543	ug/l #	1

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

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Operator : VA/AP
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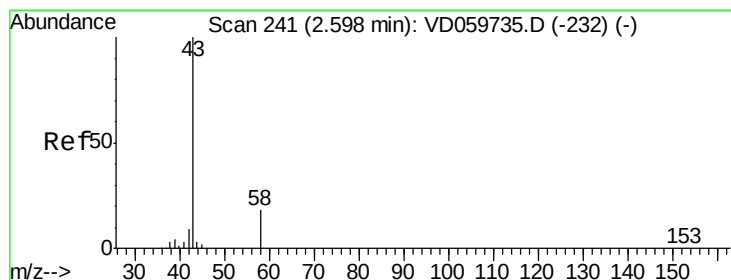
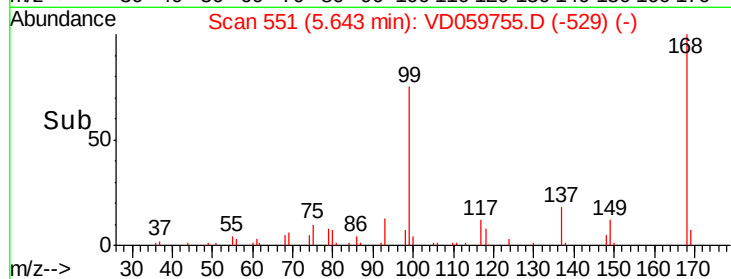
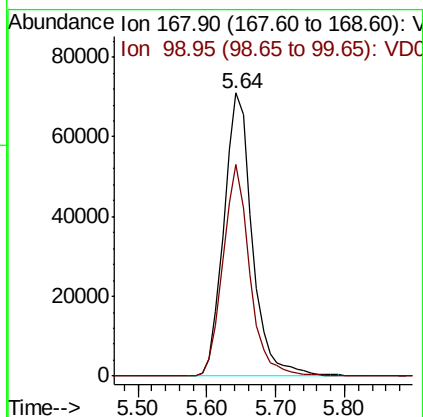
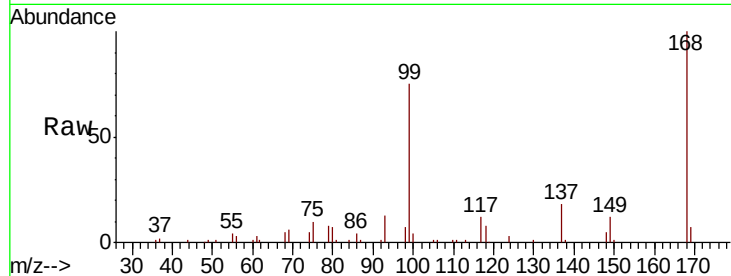
Quant Time: Aug 14 03:53:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 11 05:42:24 2018
Response via : Initial Calibration





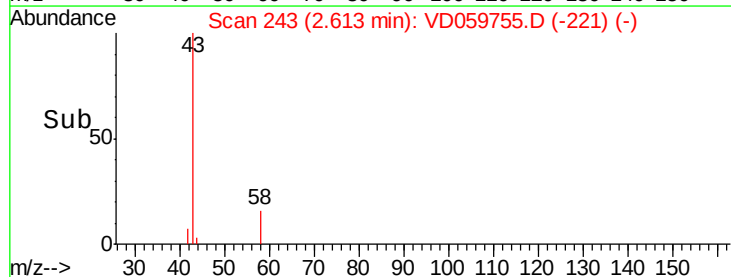
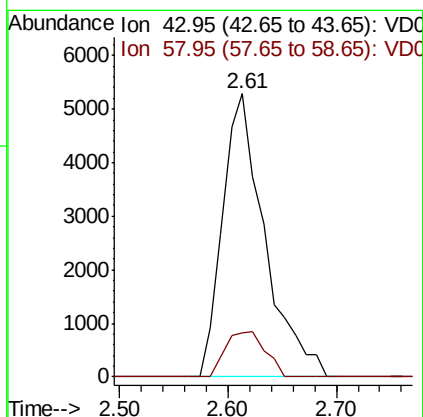
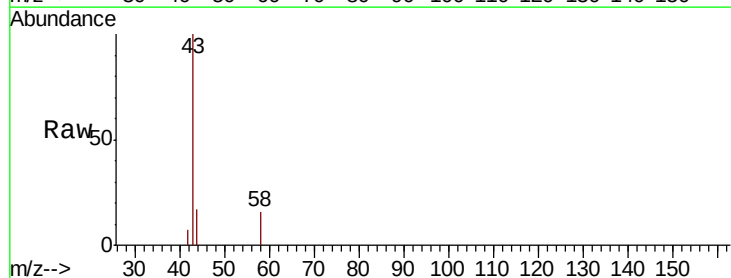
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 551
Delta R.T. 0.02 min
Lab File: VD059755.D
Acq: 14 Aug 2018 1:24

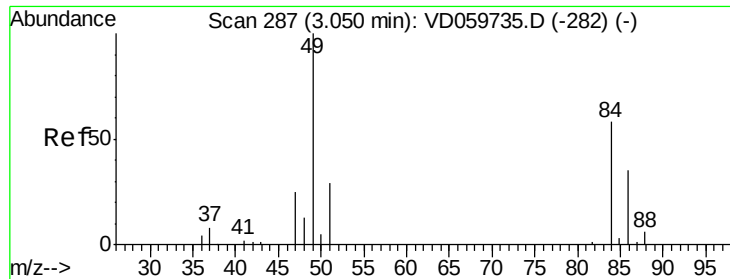
Tgt Ion: 168 Resp: 202442
Ion Ratio Lower Upper
168 100
99 74.6 61.4 92.2



#16
Acetone
Concen: 27.570 ug/l
RT: 2.61 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD059755.D
Acq: 14 Aug 2018 1:24

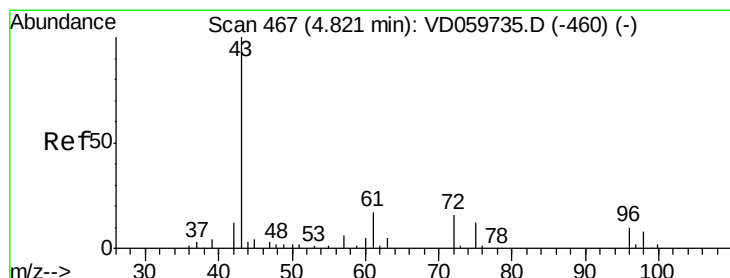
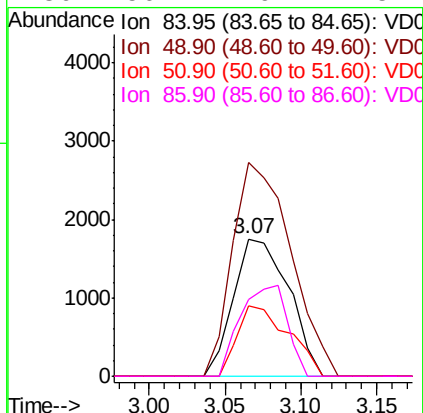
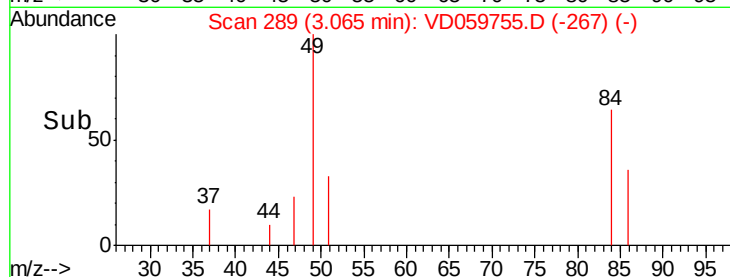
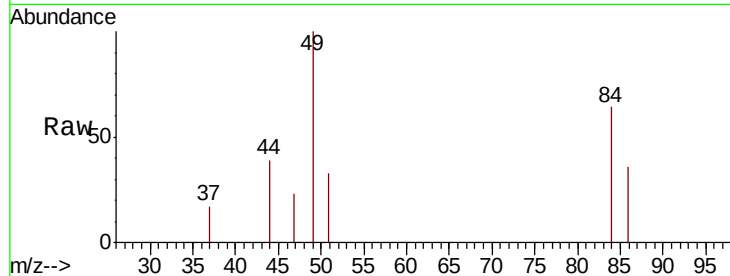
Tgt Ion: 43 Resp: 14271
Ion Ratio Lower Upper
43 100
58 15.6 14.6 21.8





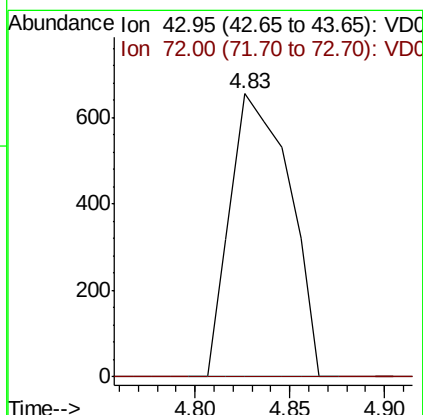
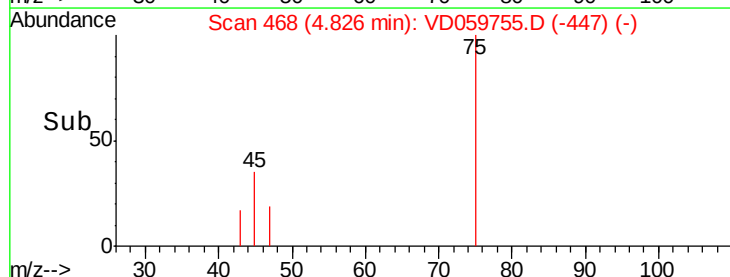
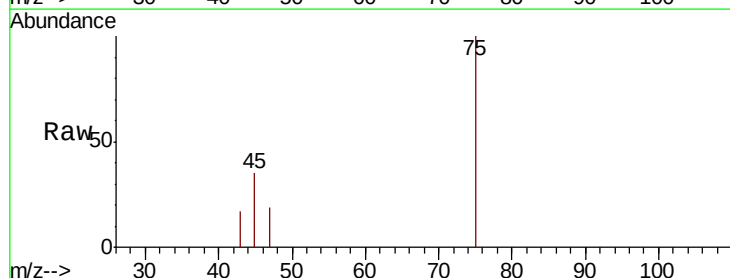
#20
Methylene Chloride
Concen: 2.973 ug/l
RT: 3.07 min Scan# 289
Delta R.T. 0.02 min
Lab File: VD059755.D
Acq: 14 Aug 2018 1:24

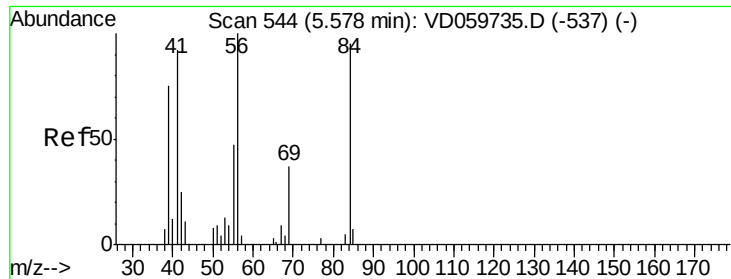
Tgt Ion: 84 Resp: 4442
Ion Ratio Lower Upper
84 100
49 155.8 138.9 208.3
51 51.3 40.2 60.2
86 56.4 49.1 73.7



#25
2-Butanone
Concen: 2.563 ug/l
RT: 4.83 min Scan# 468
Delta R.T. 0.01 min
Lab File: VD059755.D
Acq: 14 Aug 2018 1:24

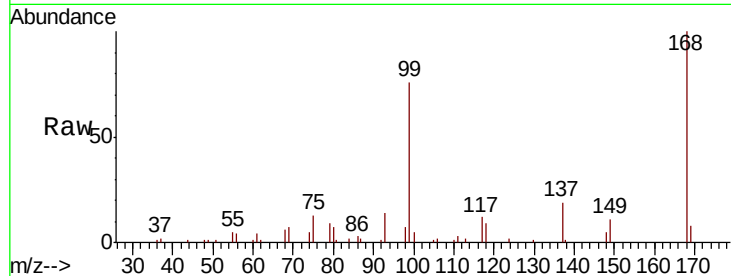
Tgt Ion: 43 Resp: 1426
Ion Ratio Lower Upper
43 100
72 0.0 13.1 19.7#



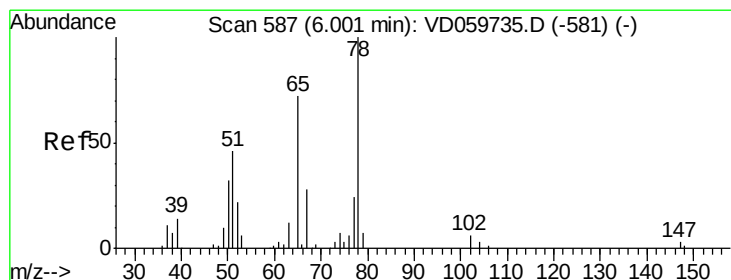
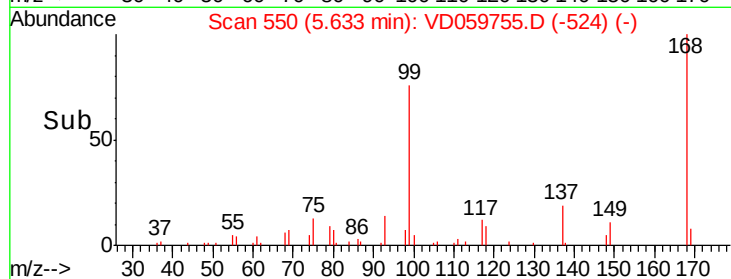
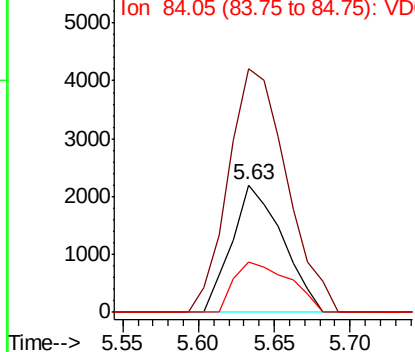


#31
Cyclohexane
Concen: 2.513 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.05 min
Lab File: VD059755.D
Acq: 14 Aug 2018 1:24

Tgt Ion: 56 Resp: 5131
Ion Ratio Lower Upper
56 100
69 191.3 29.3 43.9#
84 39.3 76.2 114.2#

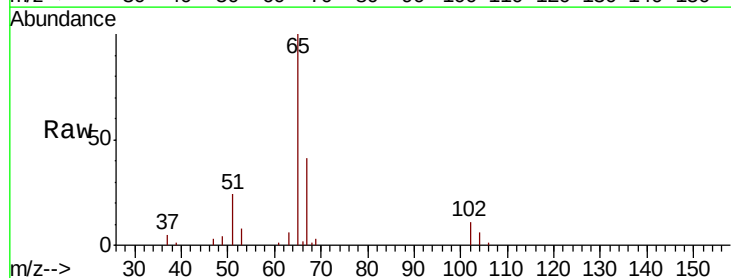


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

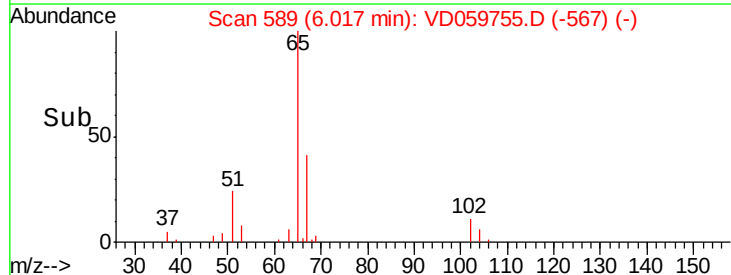
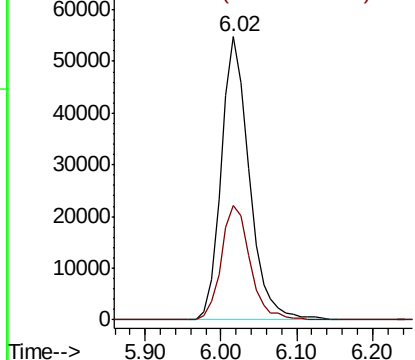


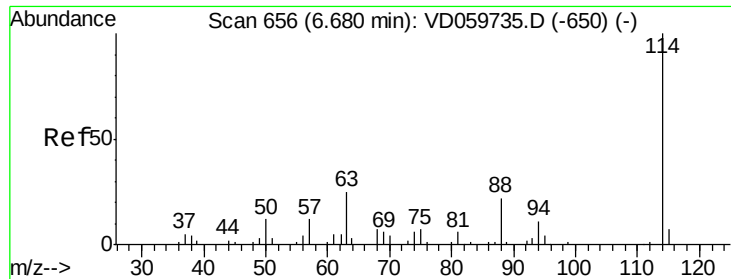
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.02 min Scan# 589
Delta R.T. 0.02 min
Lab File: VD059755.D
Acq: 14 Aug 2018 1:24

Tgt Ion: 65 Resp: 140456
Ion Ratio Lower Upper
65 100
67 40.6 0.0 77.4



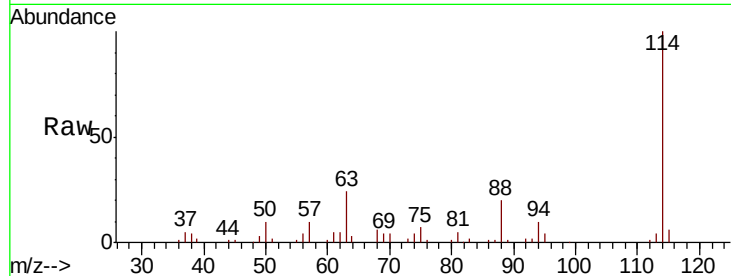
Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.02 min
 Lab File: VD059755.D
 Acq: 14 Aug 2018 1:24

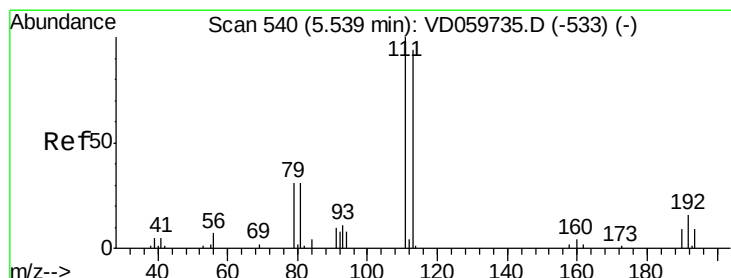
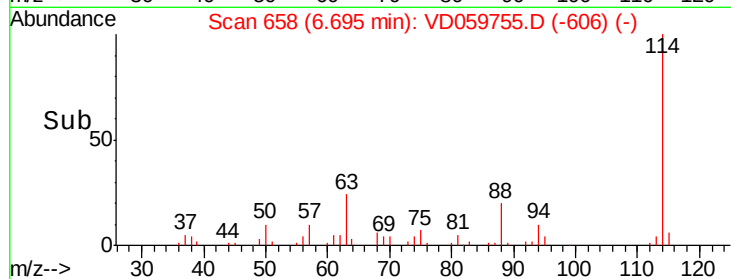
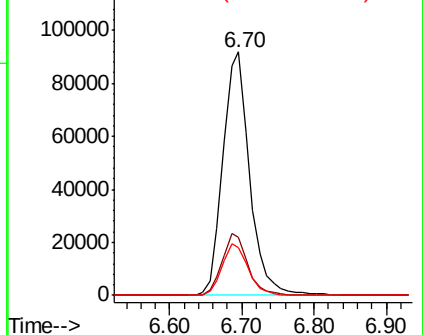
Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	50.6
88	19.9	0.0	43.4



Abundance Ion 114.00 (113.70 to 114.70): V

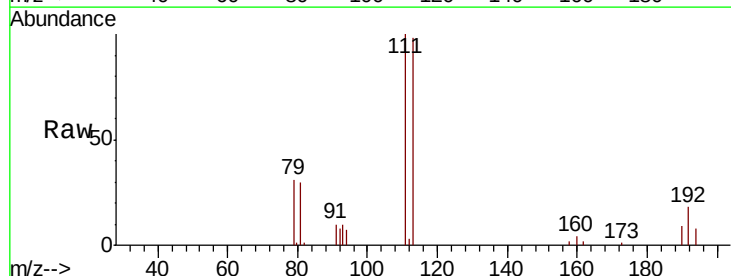
Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: VD059755.D
 Acq: 14 Aug 2018 1:24

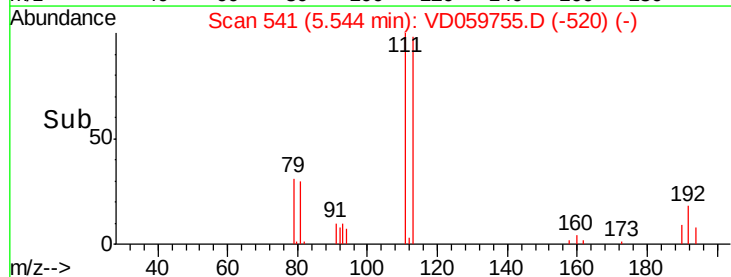
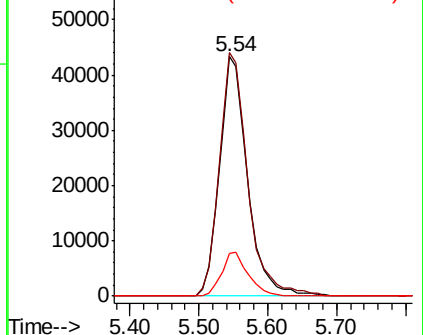
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	85.3	127.9
192	18.0	13.9	20.9

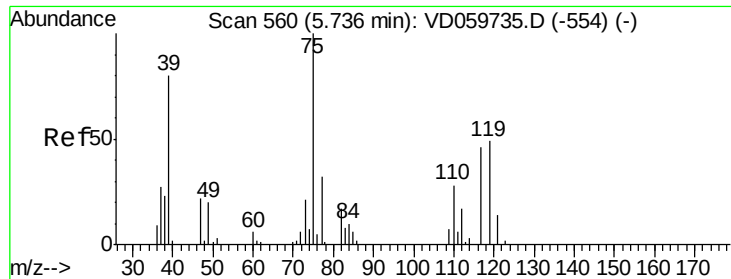


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

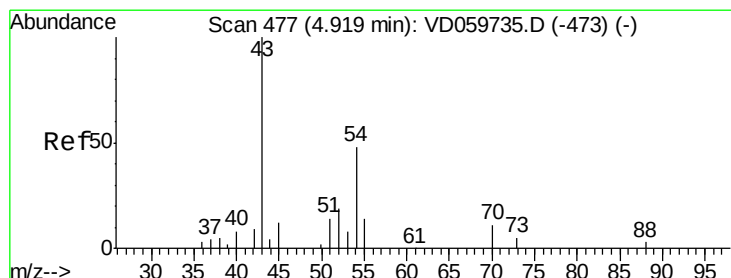
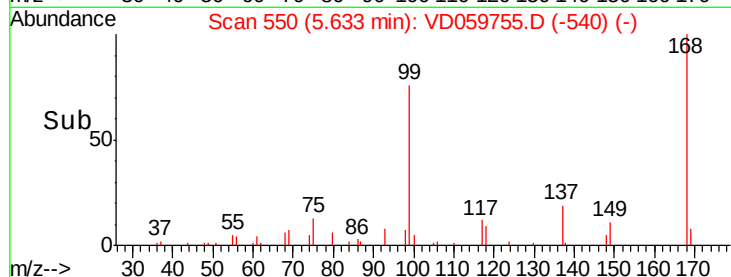
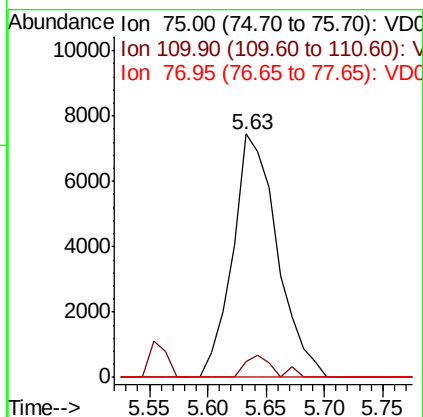
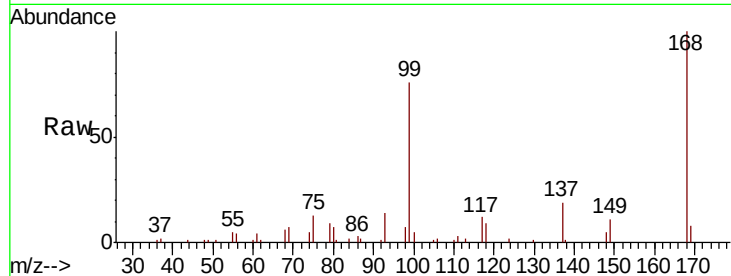
Ion 191.80 (191.50 to 192.50): V





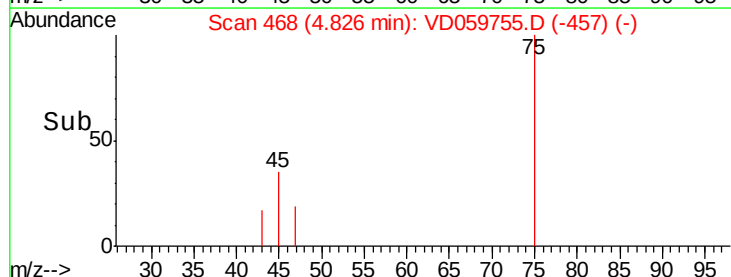
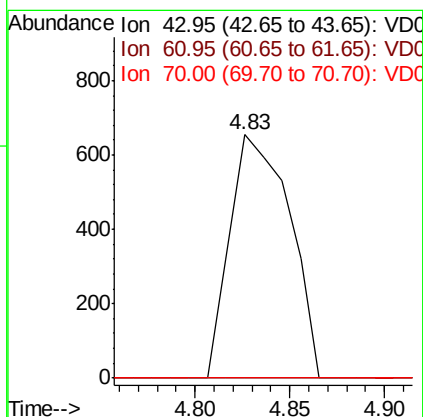
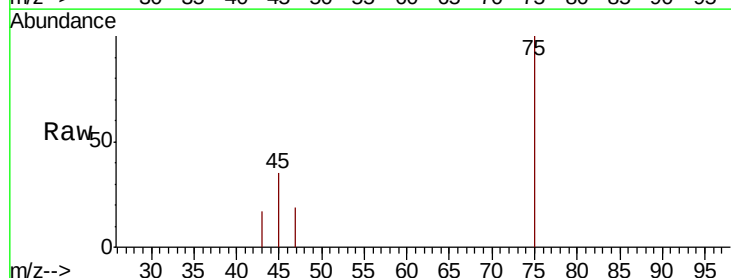
#36
 1,1-Dichloropropene
 Concen: 7.201 ug/l
 RT: 5.63 min Scan# 550
 Delta R.T. -0.10 min
 Lab File: VD059755.D
 Acq: 14 Aug 2018 1:24

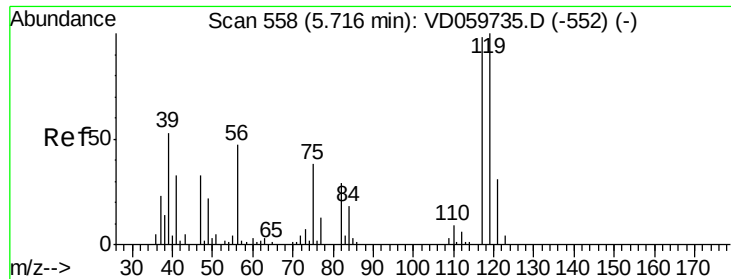
Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.7	13.7	41.0#
77	0.0	25.4	38.2#



#37
 Ethyl Acetate
 Concen: 1.188 ug/l
 RT: 4.83 min Scan# 468
 Delta R.T. -0.09 min
 Lab File: VD059755.D
 Acq: 14 Aug 2018 1:24

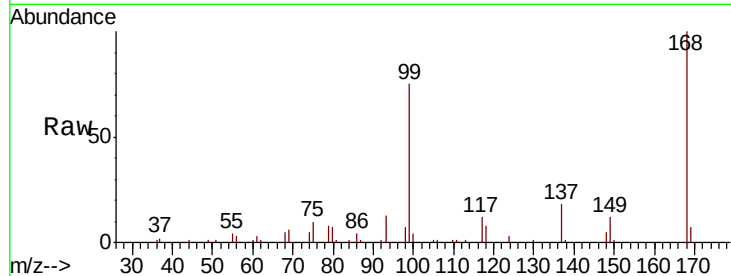
Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	7.4	11.0#
70	0.0	5.8	8.8#



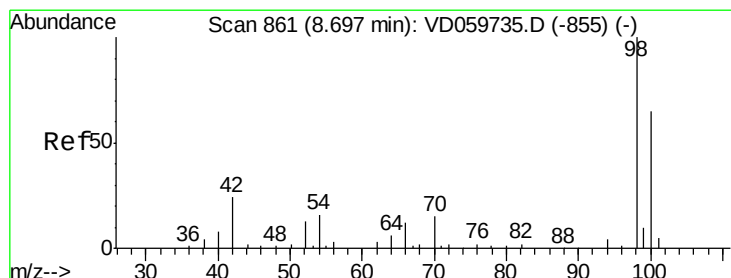
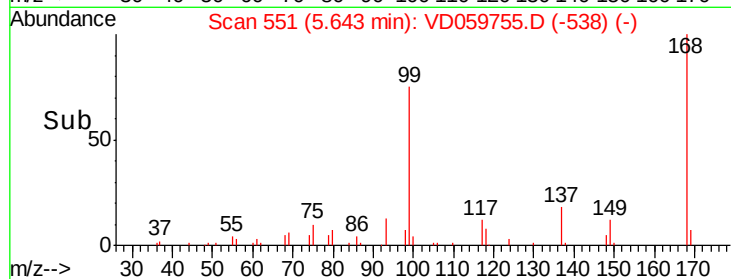
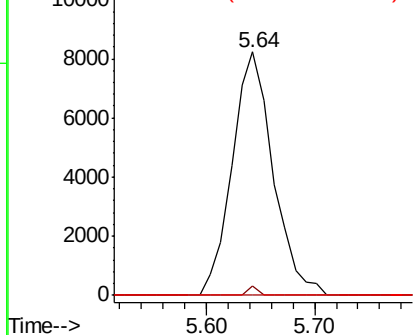


#38
Carbon Tetrachloride
Concen: 5.021 ug/l
RT: 5.64 min Scan# 551
Delta R.T. -0.07 min
Lab File: VD059755.D
Acq: 14 Aug 2018 1:24

Tgt Ion: 117 Resp: 21553
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 23.9 35.9#

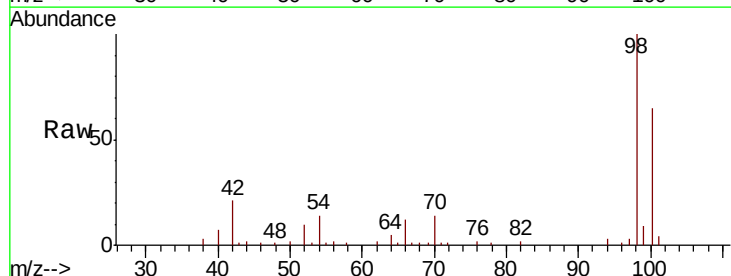


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

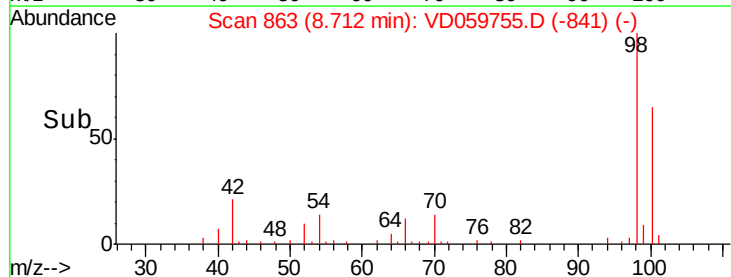
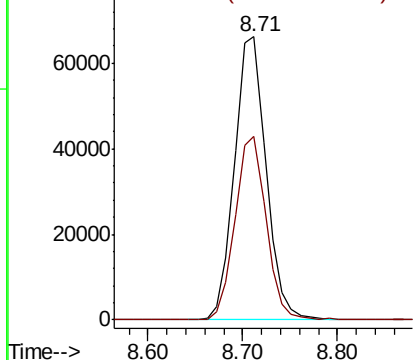


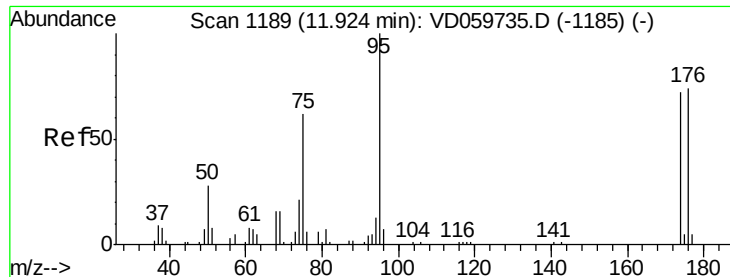
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 863
Delta R.T. 0.02 min
Lab File: VD059755.D
Acq: 14 Aug 2018 1:24

Tgt Ion: 98 Resp: 153388
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD059755.D

Acq: 14 Aug 2018 1:24

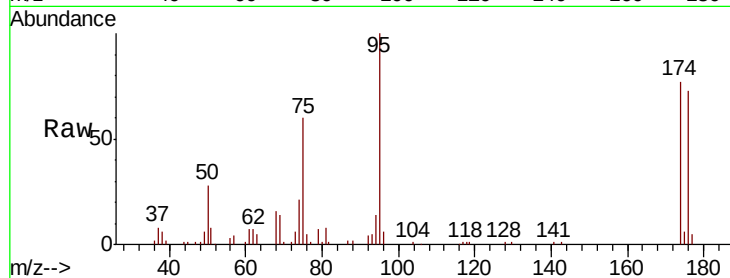
Tgt Ion: 95 Resp: 85225

Ion Ratio Lower Upper

95 100

174 77.3 0.0 143.2

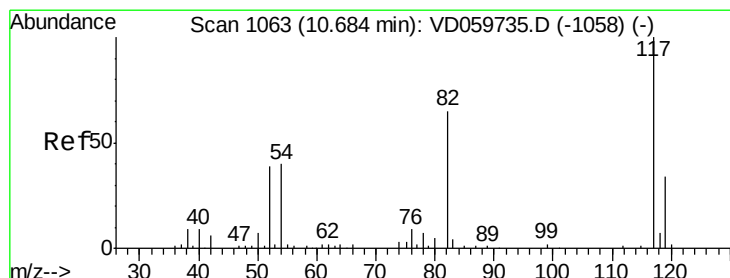
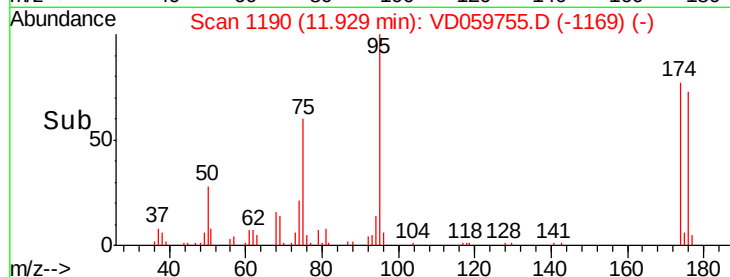
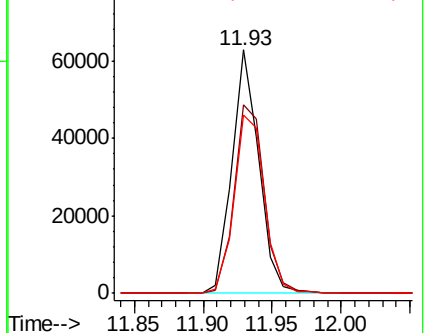
176 73.2 0.0 147.2



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: 10.69 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD059755.D

Acq: 14 Aug 2018 1:24

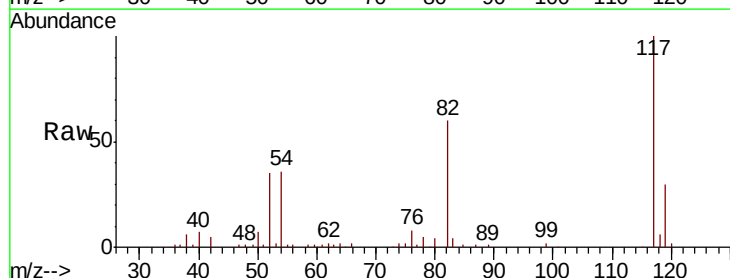
Tgt Ion: 117 Resp: 139804

Ion Ratio Lower Upper

117 100

82 60.5 51.9 77.9

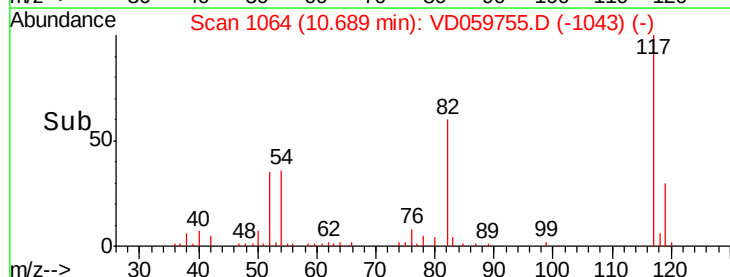
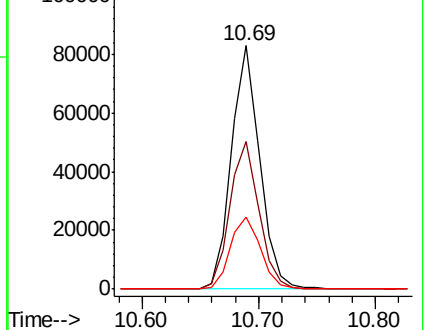
119 29.7 27.4 41.0

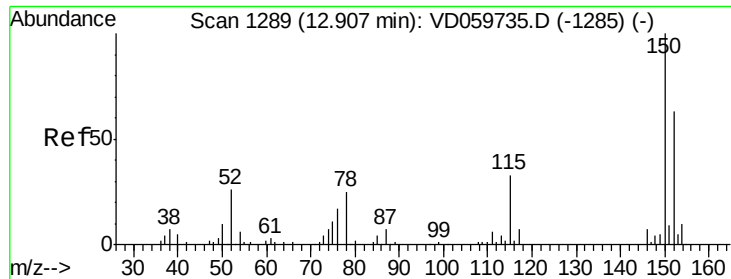


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

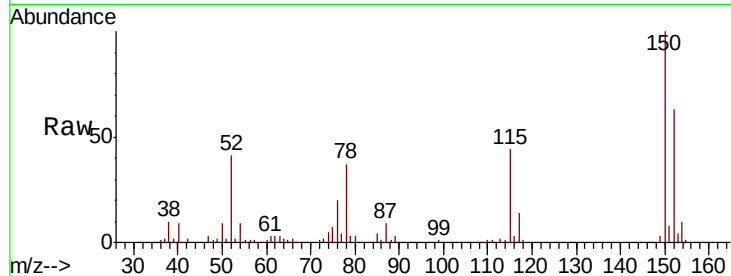
Ion 118.95 (118.65 to 119.65): V



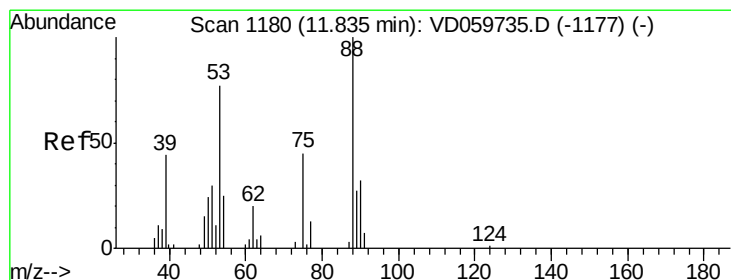
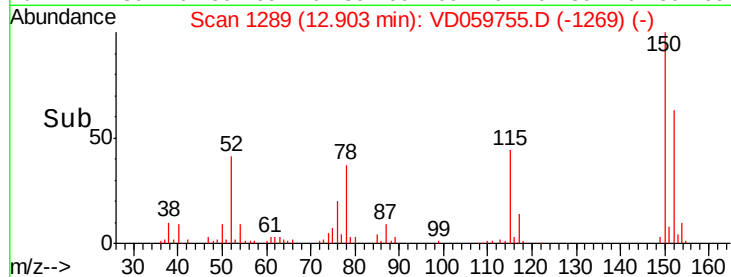
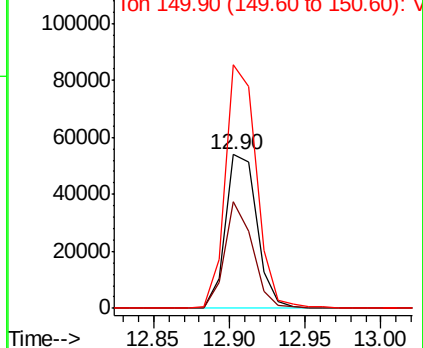


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.90 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VD059755.D
 Acq: 14 Aug 2018 1:24

Tgt Ion: 152 Resp: 77683
 Ion Ratio Lower Upper
 152 100
 115 69.0 29.8 89.3
 150 158.3 0.0 320.4

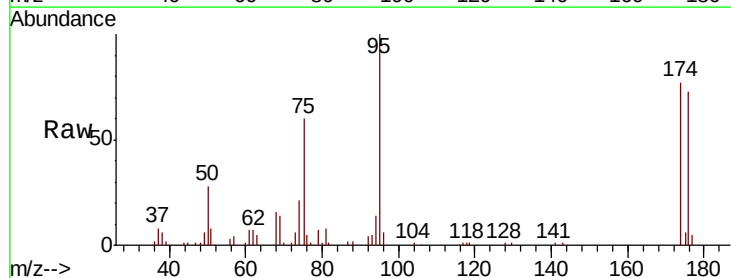


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V



#81
 trans-1,4-Dichloro-2-butene
 Concen: 192.543 ug/l
 RT: 11.93 min Scan# 1190
 Delta R.T. 0.09 min
 Lab File: VD059755.D
 Acq: 14 Aug 2018 1:24

Tgt Ion: 75 Resp: 49836
 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

