

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081318\
 Data File : VD059753.D
 Acq On : 14 Aug 2018 00:27
 Operator : VA/AP
 Sample : J4442-41
 Misc : 3.39g/5ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

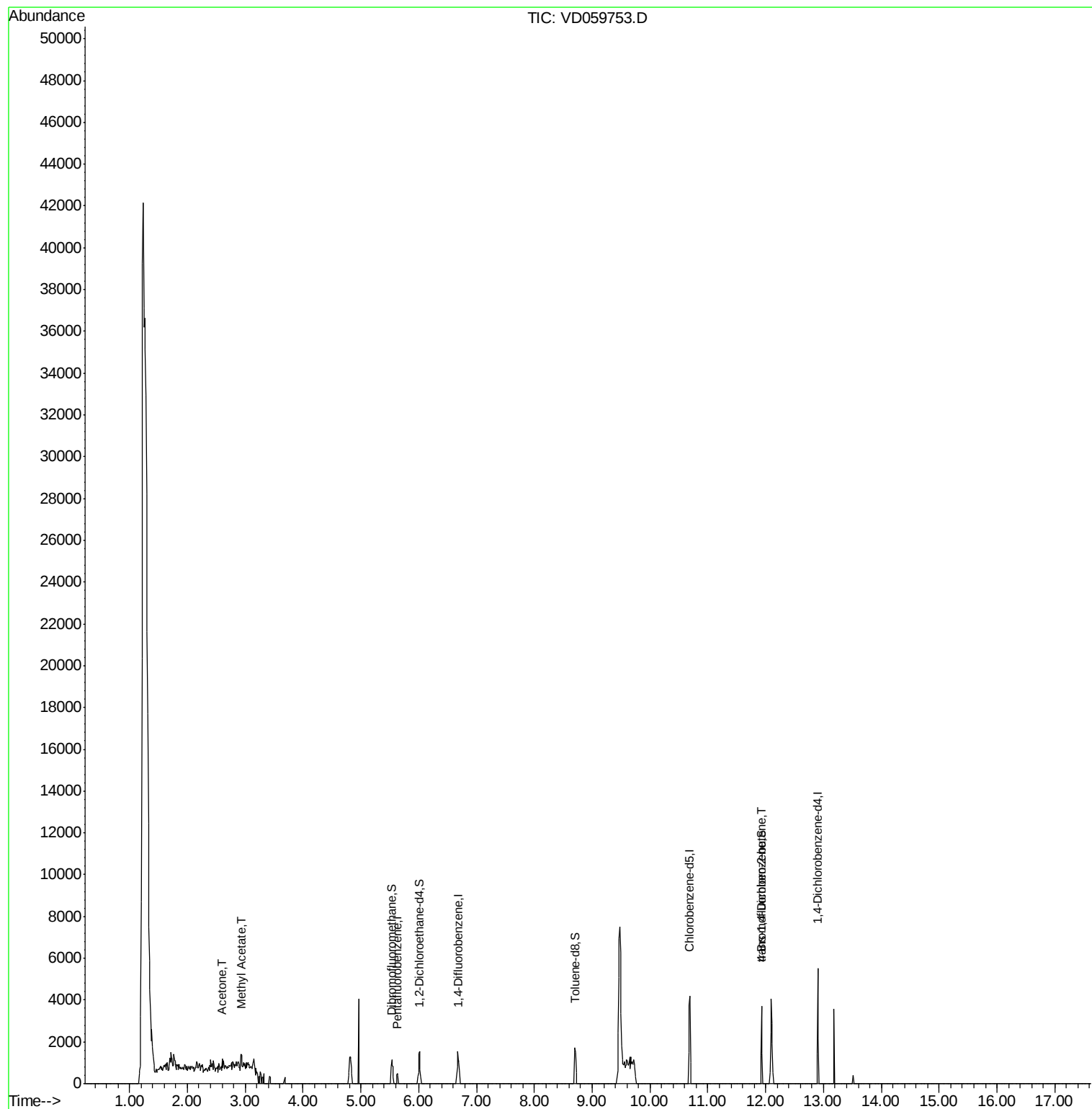
Quant Time: Aug 14 03:53:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

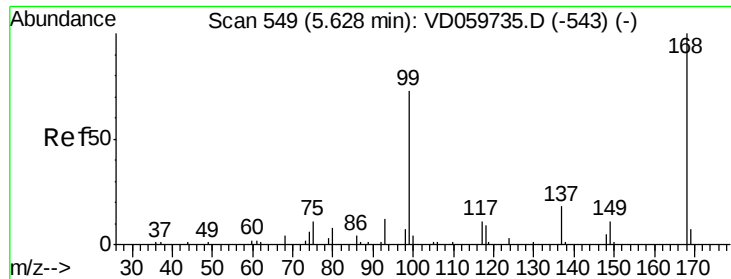
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	2857	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	2747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	1419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	2387	194.02	ug/l	0.02
Spiked Amount 50.000			Recovery	=	388.04%	
35) Dibromofluoromethane	5.54	113	1350	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
50) Toluene-d8	8.70	98	1936	33.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.36%	
62) 4-Bromofluorobenzene	11.93	95	1284	43.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.74%	
Target Compounds						
16) Acetone	2.60	43	181	90.060	ug/l #	59
18) Methyl Acetate	2.94	43	562	144.982	ug/l #	64
81) trans-1,4-Dichloro-2-buten	11.93	75	503	106.389	ug/l #	1

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

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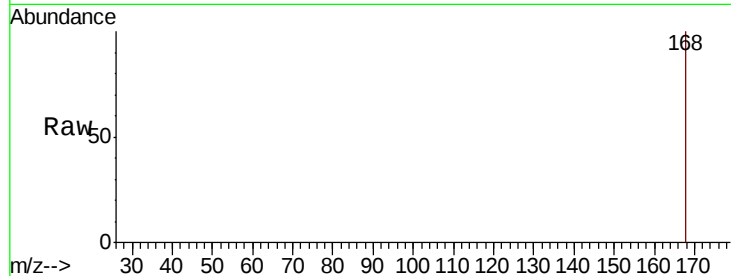
Quant Time: Aug 14 03:53:16 2018
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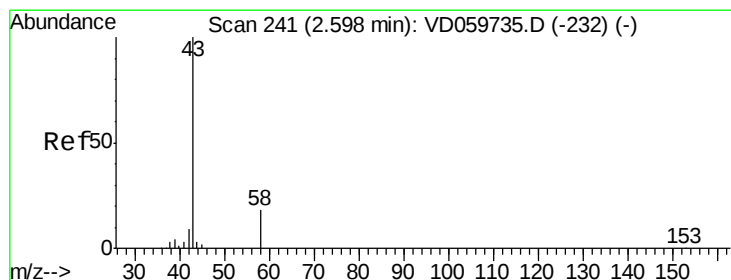
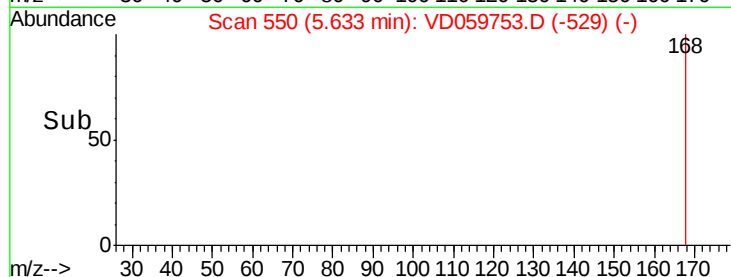
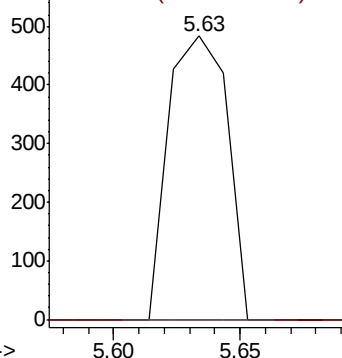


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059753.D
Acq: 14 Aug 2018 00:27

Tgt Ion: 168 Resp: 786
Ion Ratio Lower Upper
168 100
99 0.0 61.4 92.2#

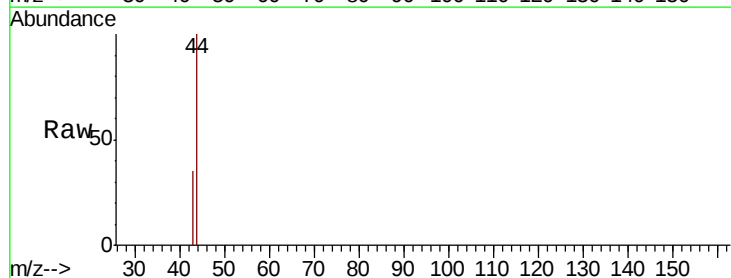


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.95 (98.65 to 99.65): VDC

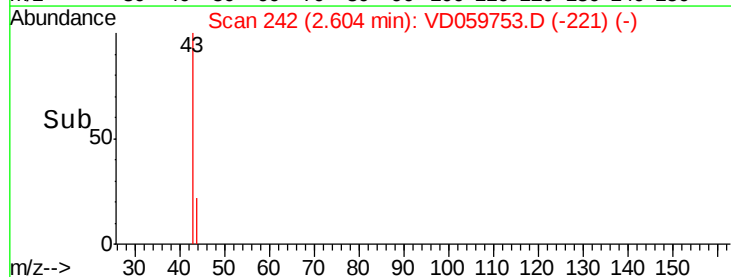
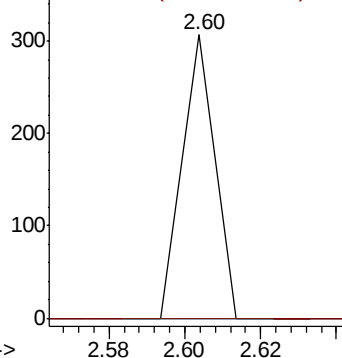


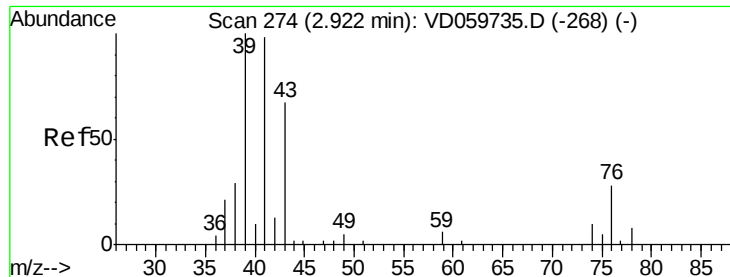
#16
Acetone
Concen: 90.060 ug/l
RT: 2.60 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD059753.D
Acq: 14 Aug 2018 00:27

Tgt Ion: 43 Resp: 181
Ion Ratio Lower Upper
43 100
58 0.0 14.6 21.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC





#18

Methyl Acetate

Concen: 144.982 ug/l

RT: 2.94 min Scan# 276

Delta R.T. 0.02 min

Lab File: VD059753.D

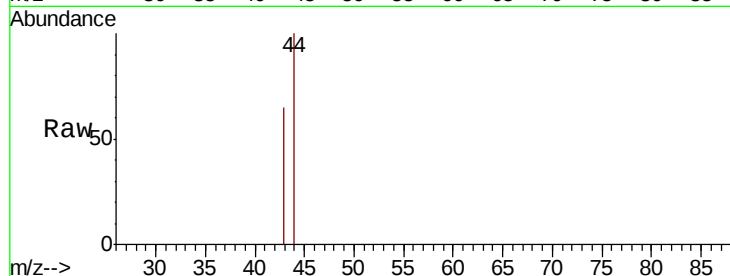
Acq: 14 Aug 2018 00:27

Tgt Ion: 43 Resp: 562

Ion Ratio Lower Upper

43 100

74 0.0 12.1 18.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

2.94

500

400

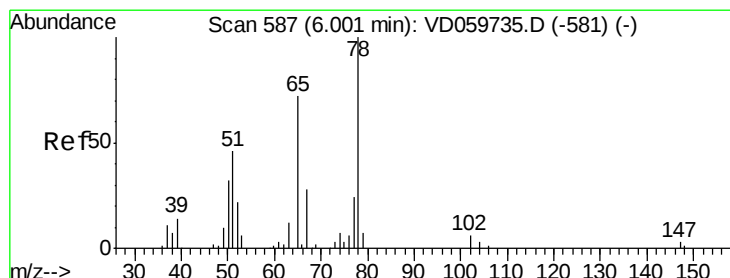
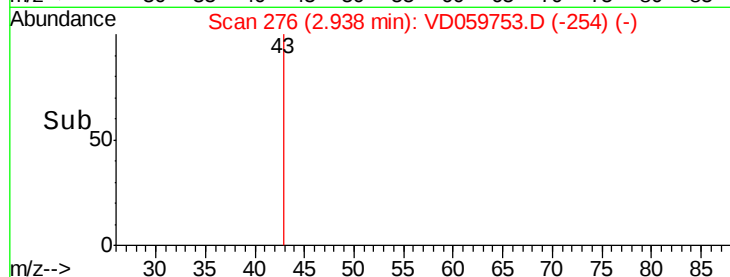
300

200

100

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.02 min Scan# 589

Delta R.T. 0.02 min

Lab File: VD059753.D

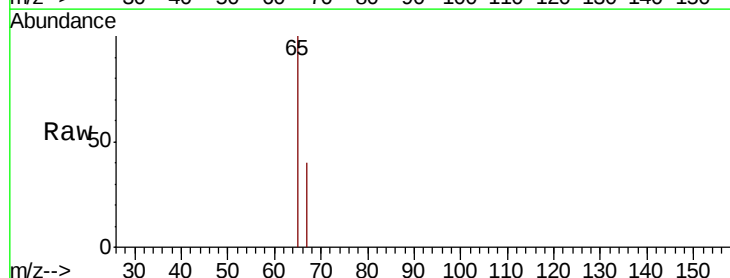
Acq: 14 Aug 2018 00:27

Tgt Ion: 65 Resp: 2387

Ion Ratio Lower Upper

65 100

67 40.3 0.0 77.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.02

1200

1000

800

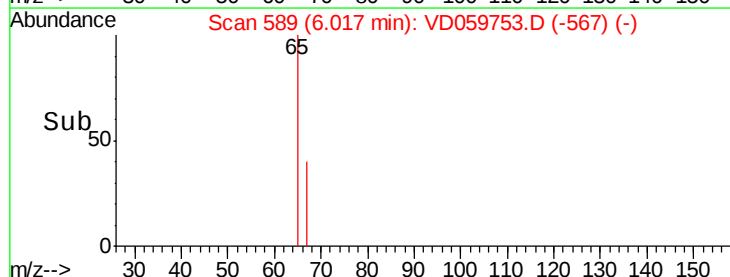
600

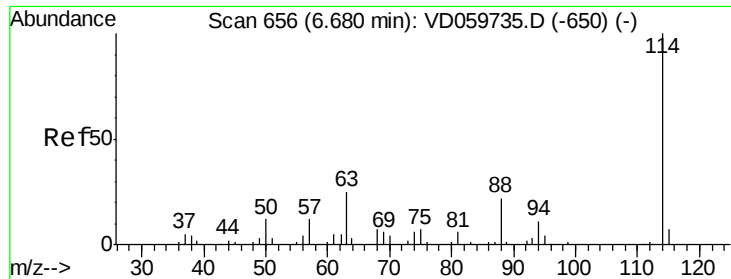
400

200

0

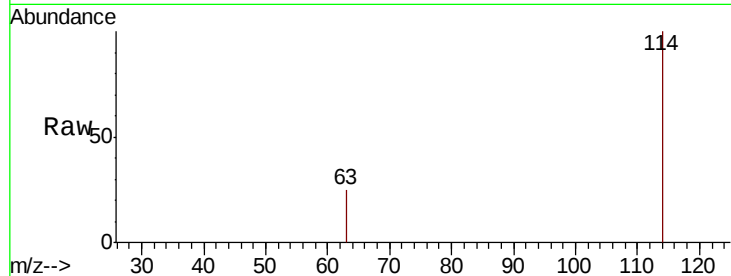
Time-->



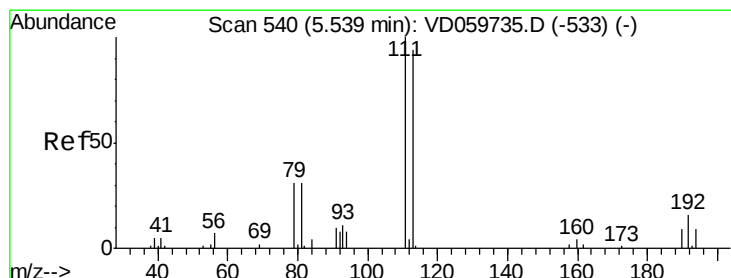
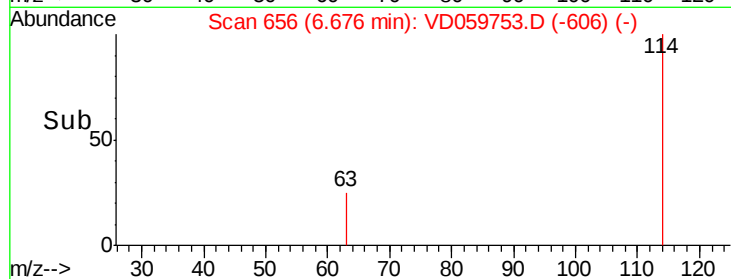
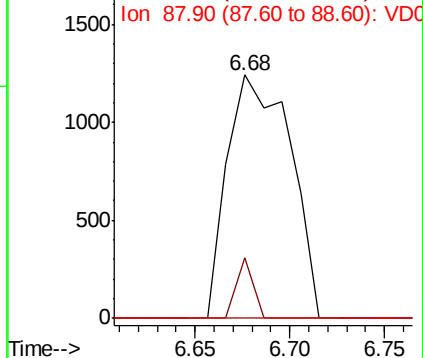


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.68 min Scan# 656
Delta R.T. -0.00 min
Lab File: VD059753.D
Acq: 14 Aug 2018 00:27

Tgt Ion:114 Resp: 2857
Ion Ratio Lower Upper
114 100
63 24.6 0.0 50.6
88 0.0 0.0 43.4

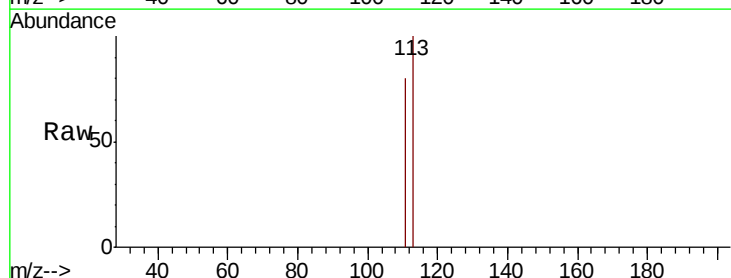


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

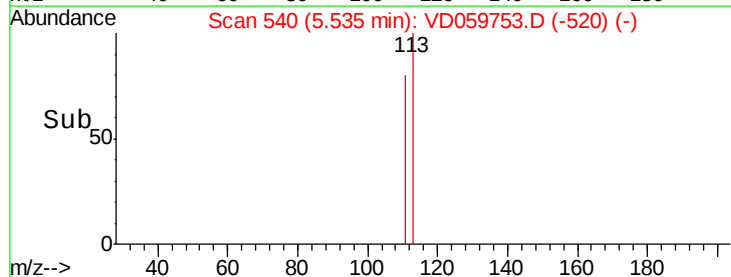
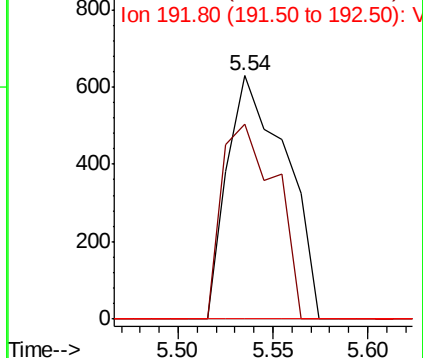


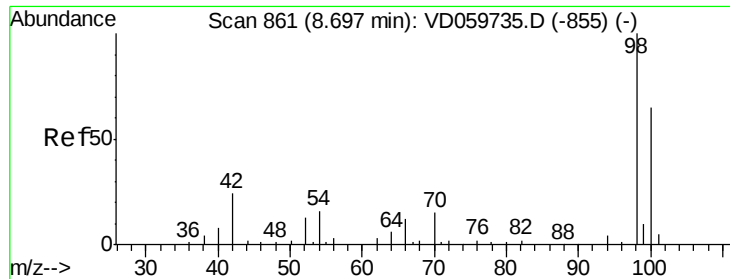
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.00 min
Lab File: VD059753.D
Acq: 14 Aug 2018 00:27

Tgt Ion:113 Resp: 1350
Ion Ratio Lower Upper
113 100
111 80.1 85.3 127.9#
192 0.0 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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.70 min Scan# 862

Delta R.T. 0.01 min

Lab File: VD059753.D

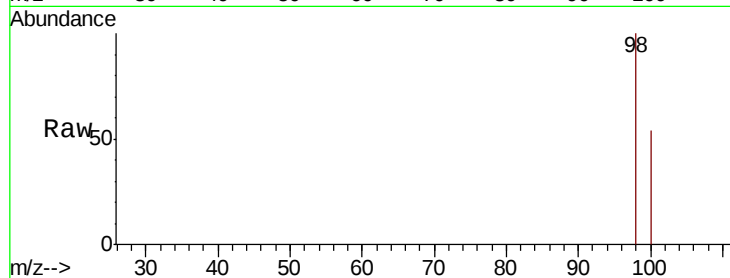
Acq: 14 Aug 2018 00:27

Tgt Ion: 98 Resp: 1936

Ion Ratio Lower Upper

98 100

100 54.1 52.2 78.2



Abundance Ion 98.05 (97.75 to 98.75): VD059735.D (-855) (-)

Ion 100.05 (99.75 to 100.75): VD059735.D (-855) (-)

8.70

1200

1000

800

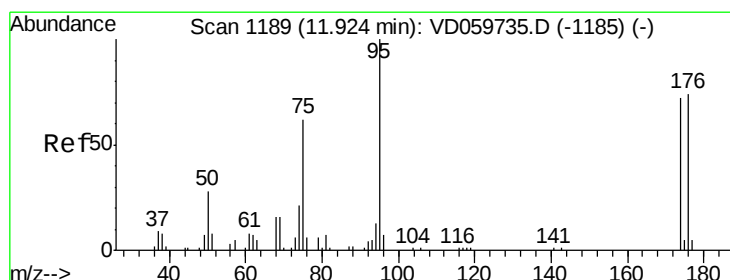
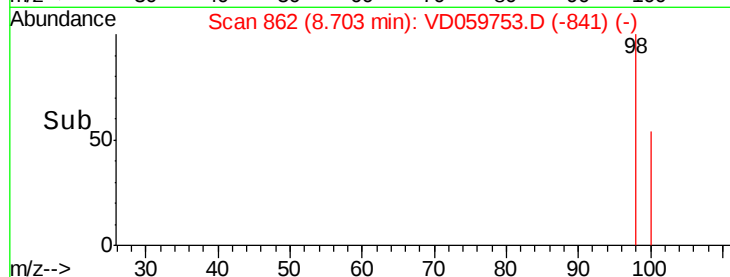
600

400

200

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD059753.D

Acq: 14 Aug 2018 00:27

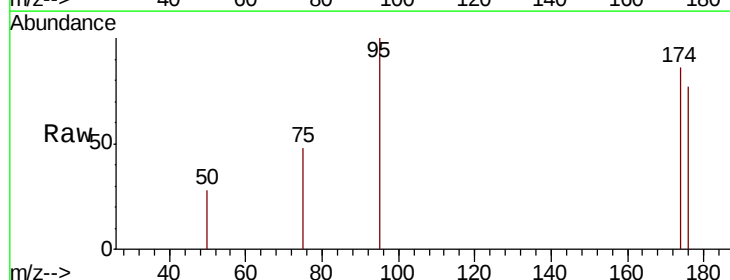
Tgt Ion: 95 Resp: 1284

Ion Ratio Lower Upper

95 100

174 86.4 0.0 143.2

176 76.8 0.0 147.2



Abundance Ion 95.00 (94.70 to 95.70): VD059735.D (-1185) (-)

Ion 173.90 (173.60 to 174.60): VD059735.D (-1185) (-)

Ion 175.90 (175.60 to 176.60): VD059735.D (-1185) (-)

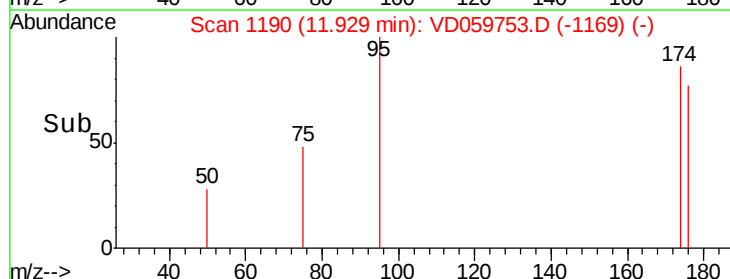
1500

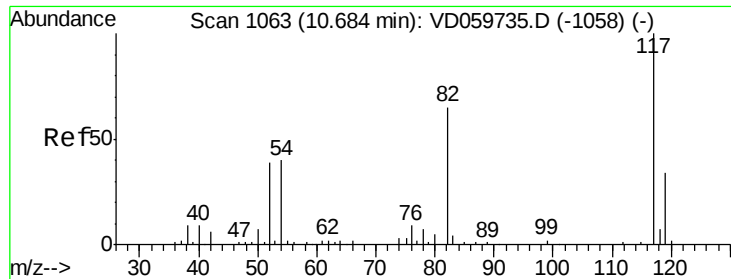
1000

500

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.68 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VD059753.D

Acq: 14 Aug 2018 00:27

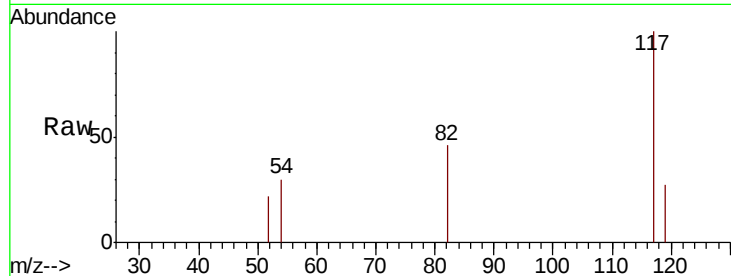
Tgt Ion:117 Resp: 2747

Ion Ratio Lower Upper

117 100

82 45.8 51.9 77.9#

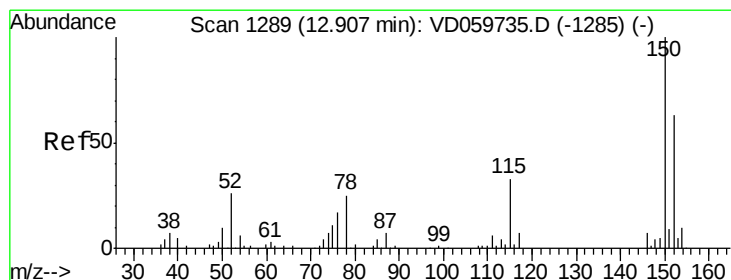
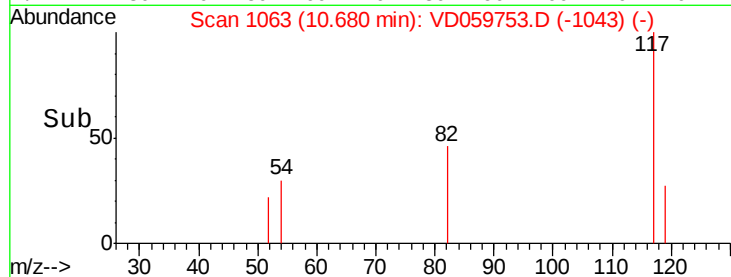
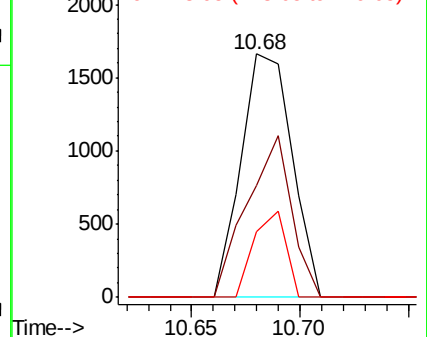
119 26.9 27.4 41.0#



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: VD059753.D

Acq: 14 Aug 2018 00:27

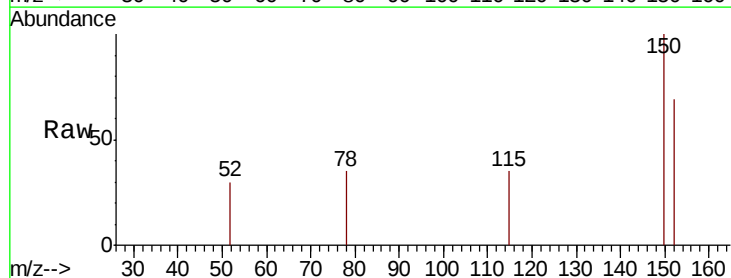
Tgt Ion:152 Resp: 1419

Ion Ratio Lower Upper

152 100

115 50.8 29.8 89.3

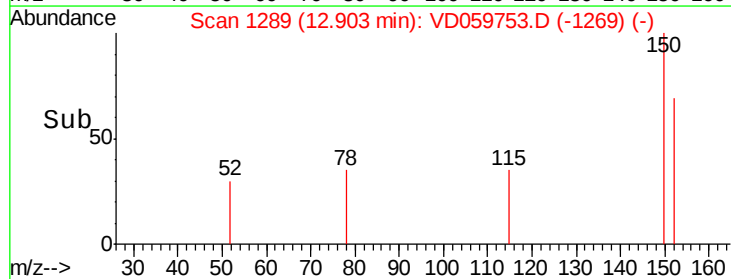
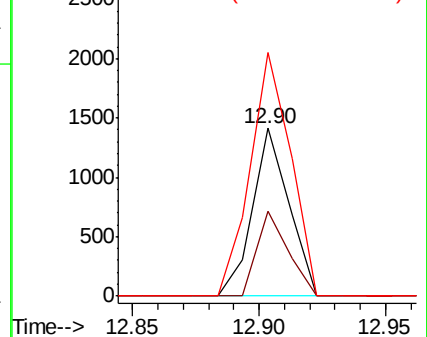
150 144.9 0.0 320.4

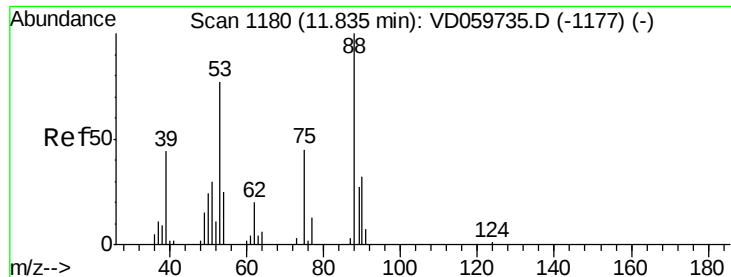


Abundance Ion 151.90 (151.60 to 152.60): V

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: 106.389 ug/l
 RT: 11.93 min Scan# 1190
 Delta R.T. 0.09 min
 Lab File: VD059753.D
 Acq: 14 Aug 2018 00:27

Tgt Ion: 75 Resp: 503
 Ion Ratio Lower Upper
 75 100
 53 0.0 137.5 206.3#
 89 0.0 48.3 72.5#

