

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081318\
 Data File : VD059752.D
 Acq On : 13 Aug 2018 23:59
 Operator : VA/AP
 Sample : J4442-31
 Misc : 5.96g/5ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

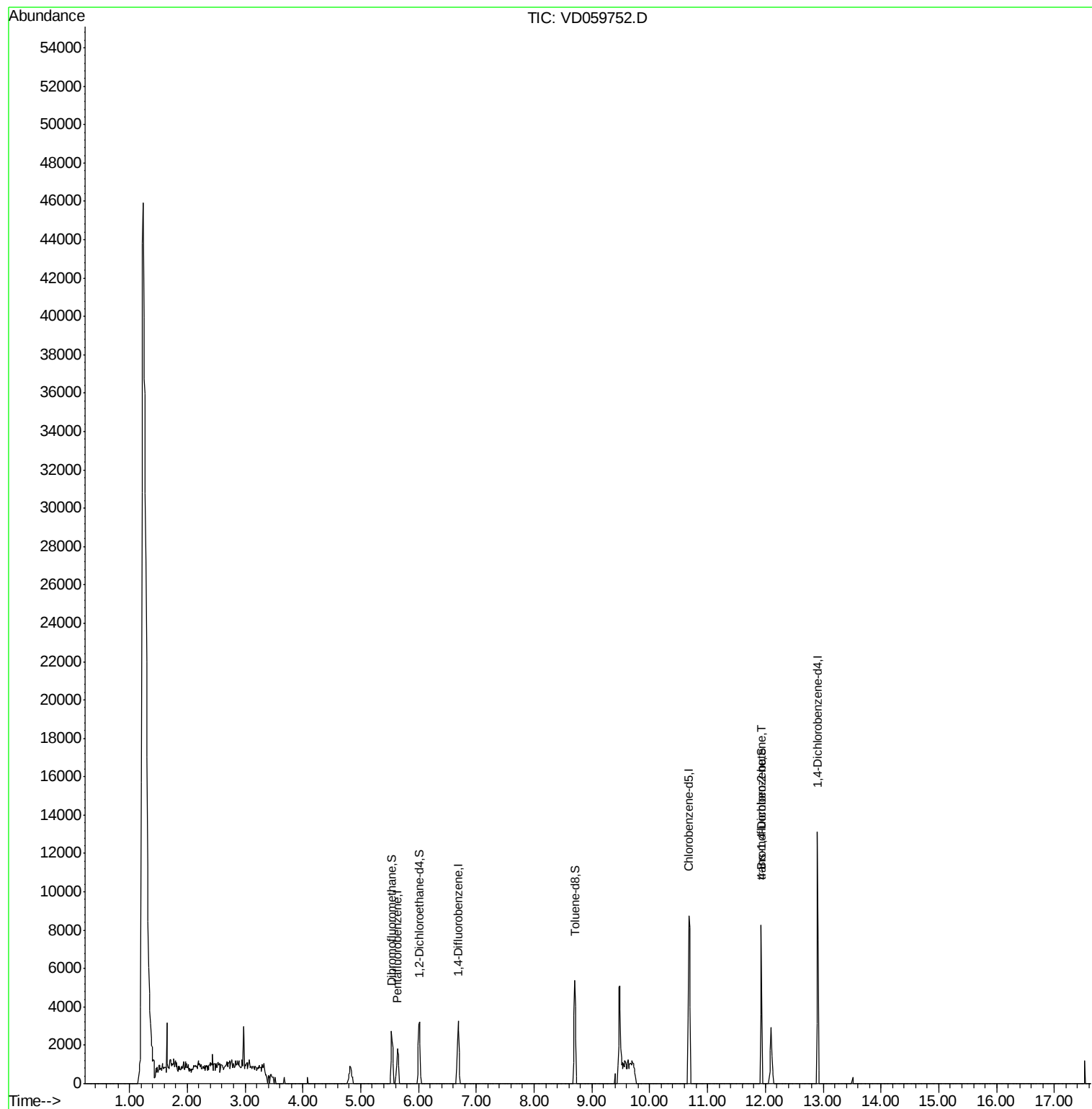
Quant Time: Aug 14 03:53:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

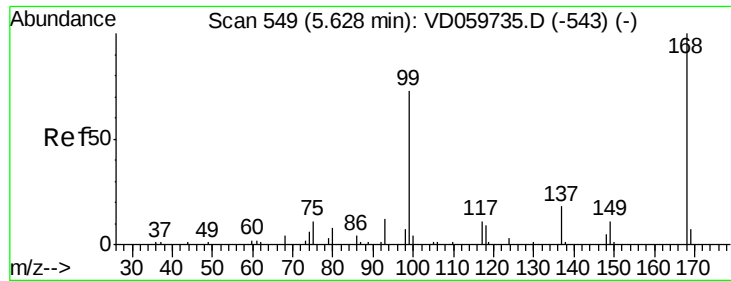
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	2478	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.69	114	5077	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	6069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	3100	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	4229	109.03	ug/l	0.01
Spiked Amount 50.000			Recovery	=	218.06%	
35) Dibromofluoromethane	5.53	113	2487	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
50) Toluene-d8	8.70	98	5602	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
62) 4-Bromofluorobenzene	11.93	95	2445	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
Target Compounds						
81) trans-1,4-Dichloro-2-buten	11.93	75	1324	128.185	ug/l #	Qvalue 1

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 551

Delta R.T. 0.01 min

Lab File: VD059752.D

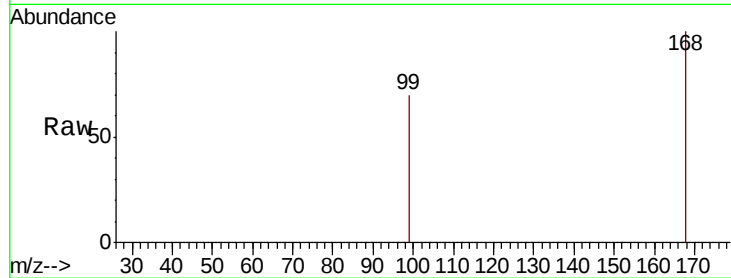
Acq: 13 Aug 2018 23:59

Tgt Ion: 168 Resp: 2478

Ion Ratio Lower Upper

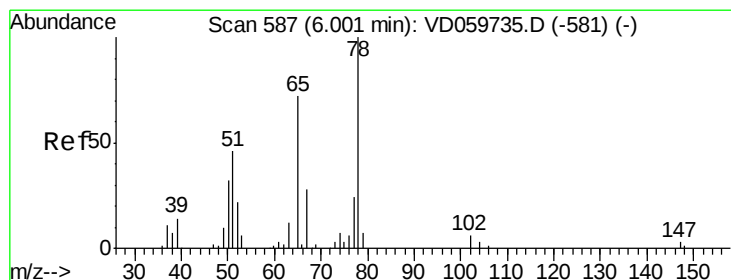
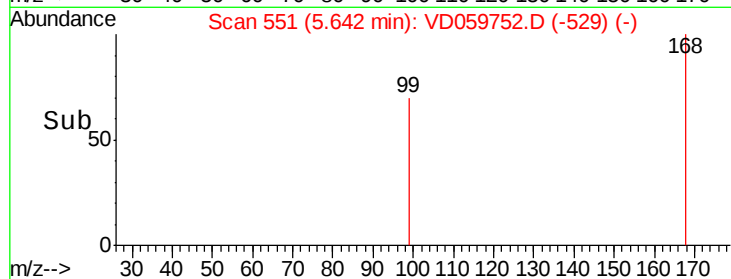
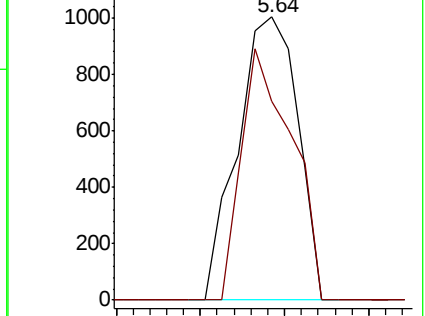
168 100

99 70.4 61.4 92.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.02 min Scan# 589

Delta R.T. 0.01 min

Lab File: VD059752.D

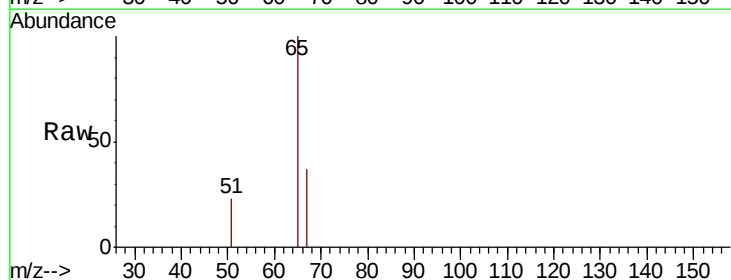
Acq: 13 Aug 2018 23:59

Tgt Ion: 65 Resp: 4229

Ion Ratio Lower Upper

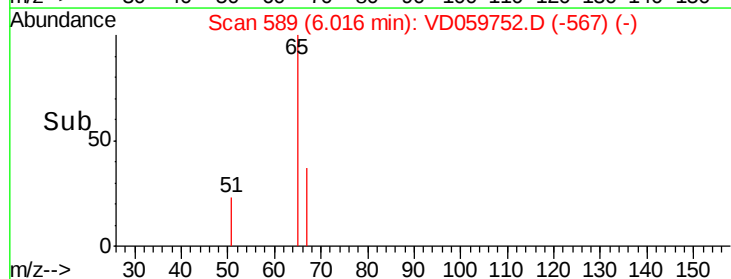
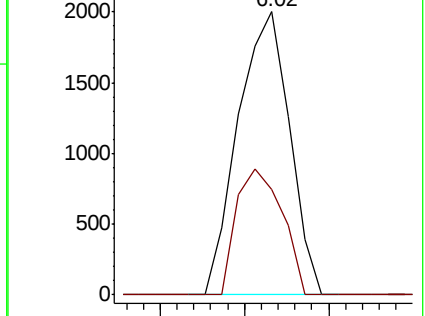
65 100

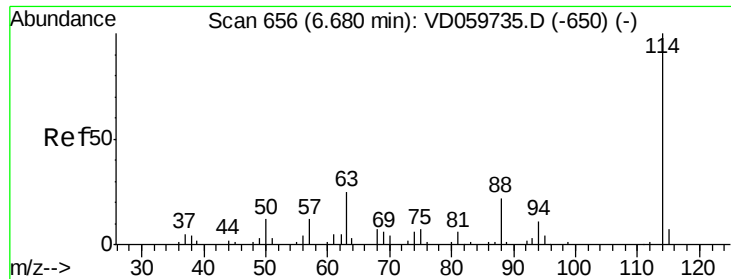
67 37.5 0.0 77.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

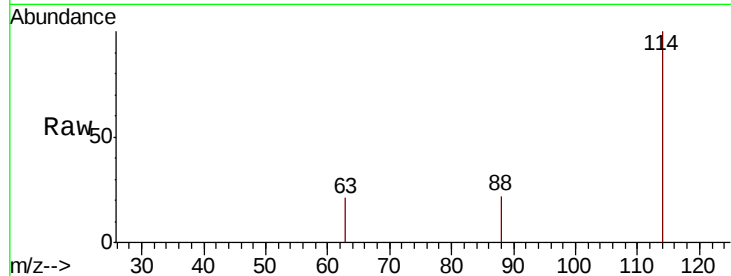
Ion 66.90 (66.60 to 67.60): VDC



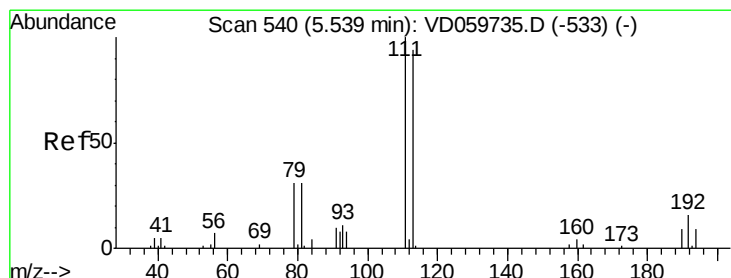
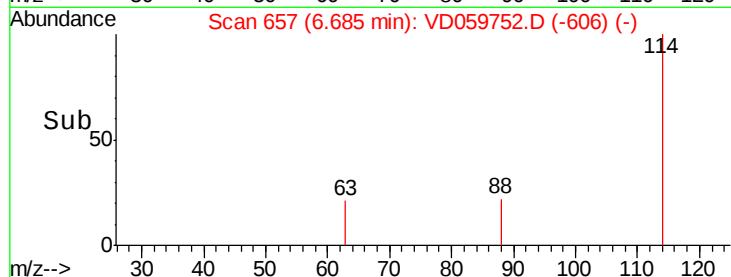
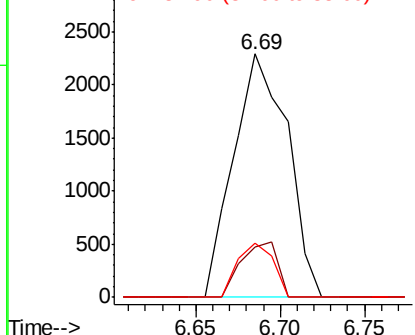


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.69 min Scan# 657
Delta R.T. 0.00 min
Lab File: VD059752.D
Acq: 13 Aug 2018 23:59

Tgt Ion:114 Resp: 5077
Ion Ratio Lower Upper
114 100
63 20.8 0.0 50.6
88 22.0 0.0 43.4

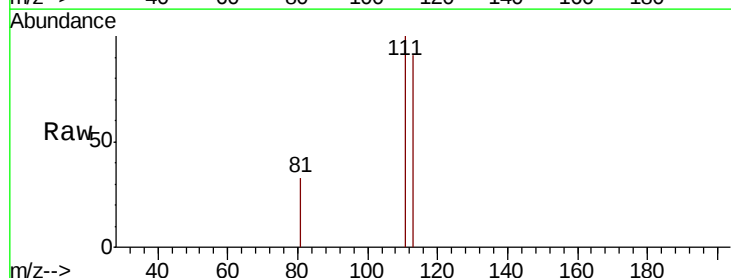


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

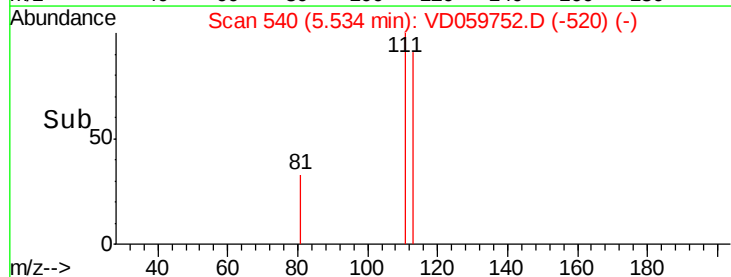
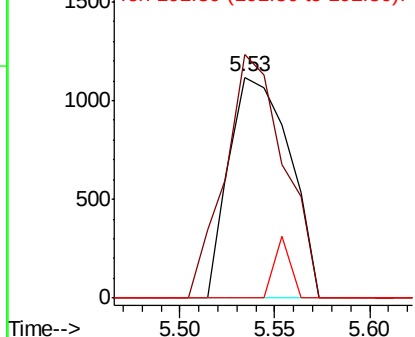


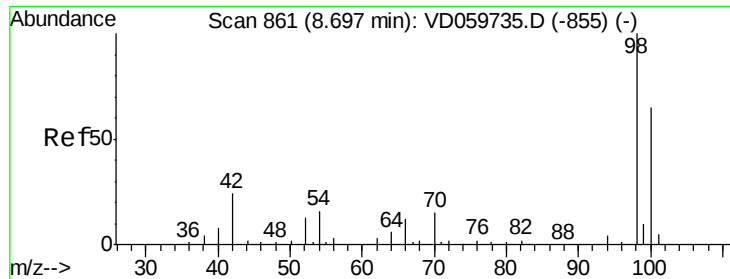
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.53 min Scan# 540
Delta R.T. -0.00 min
Lab File: VD059752.D
Acq: 13 Aug 2018 23:59

Tgt Ion:113 Resp: 2487
Ion Ratio Lower Upper
113 100
111 110.2 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. 0.00 min

Lab File: VD059752.D

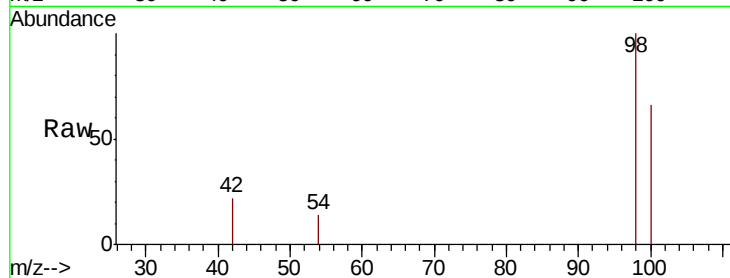
Acq: 13 Aug 2018 23:59

Tgt Ion: 98 Resp: 5602

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2



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

Ion 100.05 (99.75 to 100.75): VD059735.D

8.70

2500

2000

1500

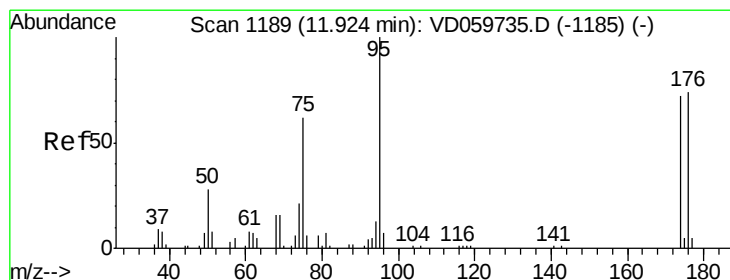
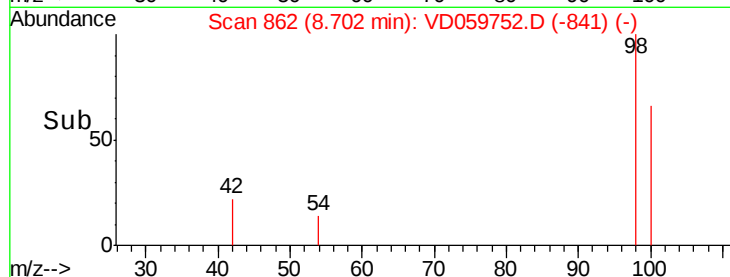
1000

500

0

8.65 8.70 8.75

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.00 min

Lab File: VD059752.D

Acq: 13 Aug 2018 23:59

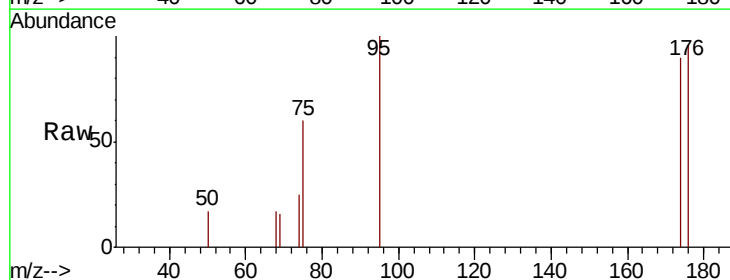
Tgt Ion: 95 Resp: 2445

Ion Ratio Lower Upper

95 100

174 89.5 0.0 143.2

176 96.3 0.0 147.2



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

Ion 173.90 (173.60 to 174.60): VD059735.D

Ion 175.90 (175.60 to 176.60): VD059735.D

11.93

2500

2000

1500

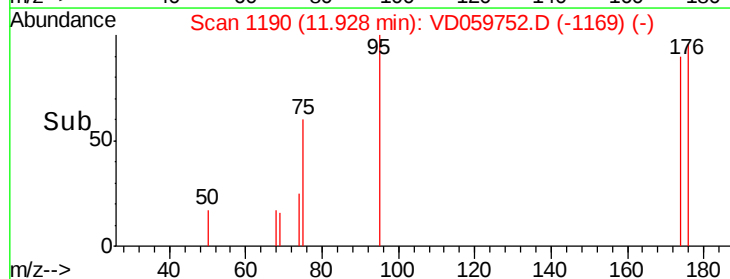
1000

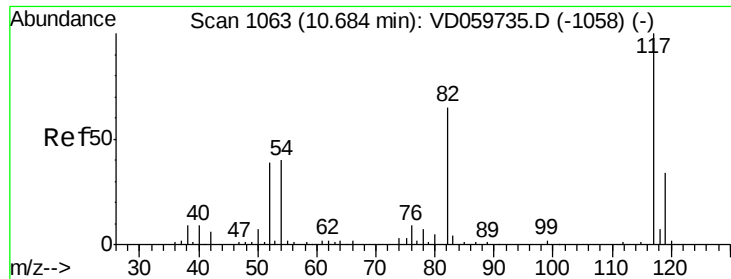
500

0

11.90 11.95

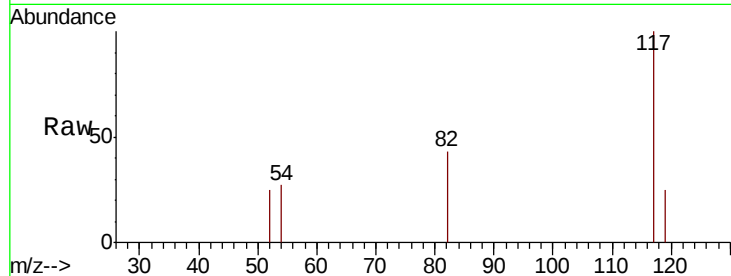
Time-->



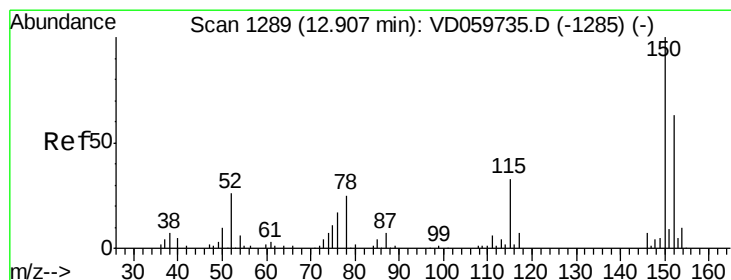
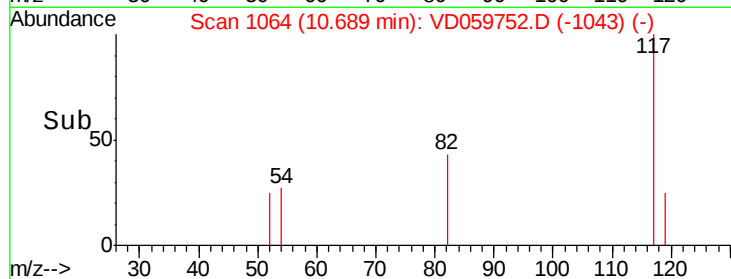
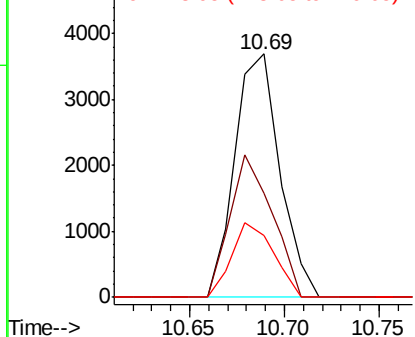


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VD059752.D
Acq: 13 Aug 2018 23:59

Tgt Ion:117 Resp: 6069
Ion Ratio Lower Upper
117 100
82 42.7 51.9 77.9#
119 25.5 27.4 41.0#

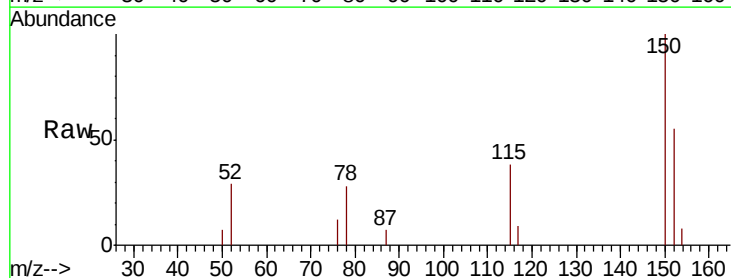


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

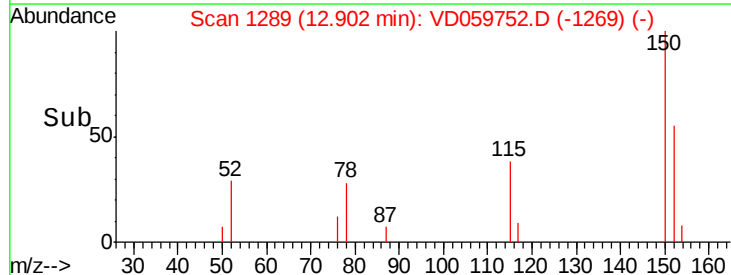
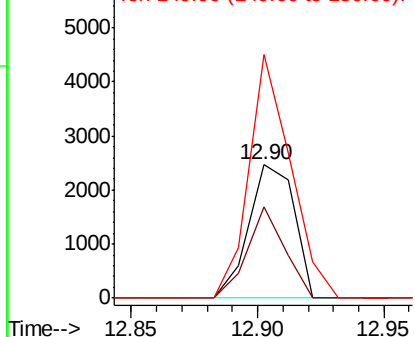


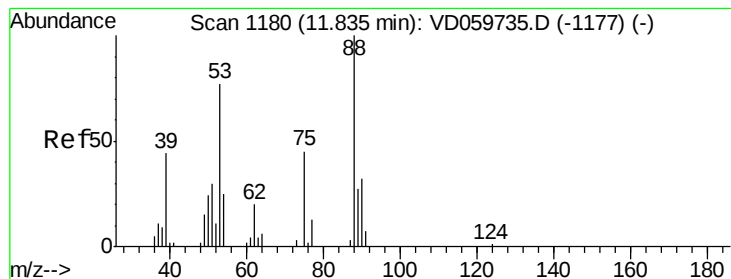
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VD059752.D
Acq: 13 Aug 2018 23:59

Tgt Ion:152 Resp: 3100
Ion Ratio Lower Upper
152 100
115 68.9 29.8 89.3
150 182.7 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: 128.185 ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.09 min

Lab File: VD059752.D

Acq: 13 Aug 2018 23:59

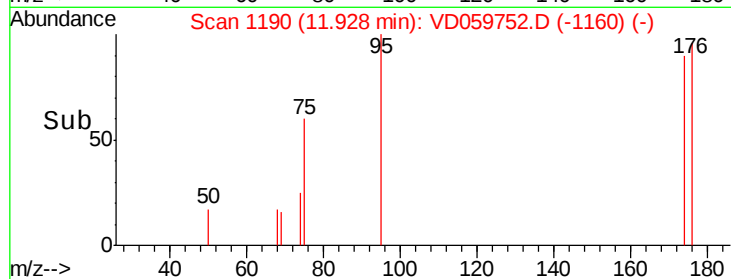
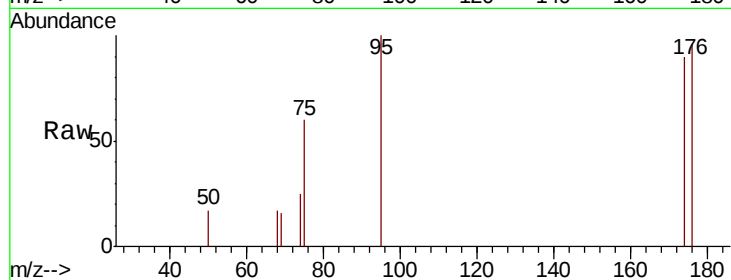
Tgt Ion: 75 Resp: 1324

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

