

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081318\
 Data File : VD059749.D
 Acq On : 13 Aug 2018 22:35
 Operator : VA/AP
 Sample : J4442-01
 Misc : 5.21g/5ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

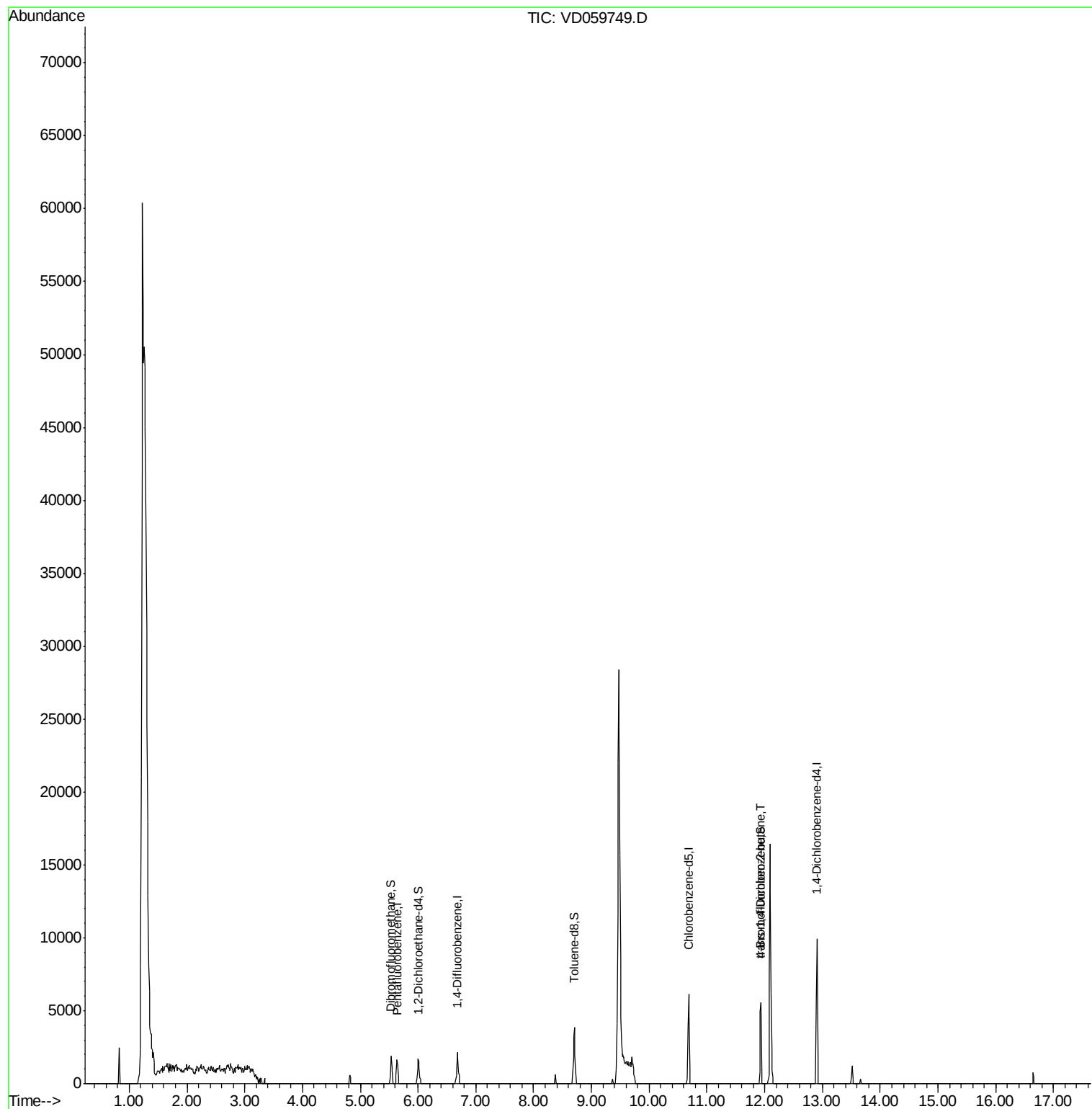
Quant Time: Aug 14 03:52:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

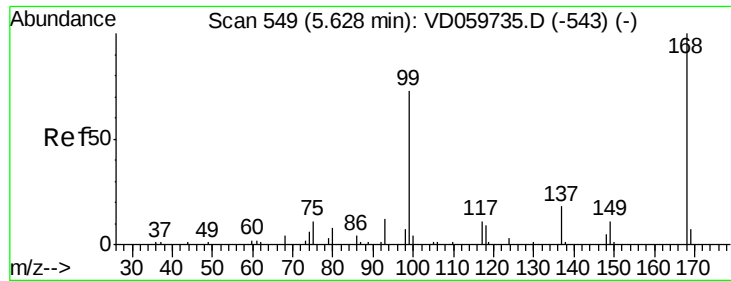
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	2169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	3626	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	4095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	2515	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	2717	80.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	160.06%	
35) Dibromofluoromethane	5.53	113	1640	43.92	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	87.84%	
50) Toluene-d8	8.71	98	4147	56.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.00%	
62) 4-Bromofluorobenzene	11.93	95	2372	63.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.72%	
Target Compounds						
81) trans-1,4-Dichloro-2-buten	11.92	75	849	101.317	ug/l #	Qvalue 1

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

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081318\
Data File : VD059749.D
Acq On : 13 Aug 2018 22:35
Operator : VA/AP
Sample : J4442-01
Misc : 5.21g/5ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 14 03:52:51 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# 550

Delta R.T. 0.01 min

Lab File: VD059749.D

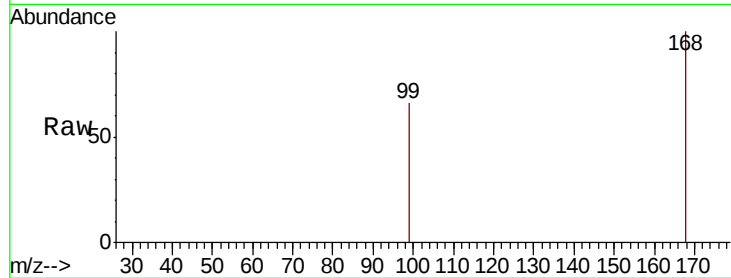
Acq: 13 Aug 2018 22:35

Tgt Ion: 168 Resp: 2169

Ion Ratio Lower Upper

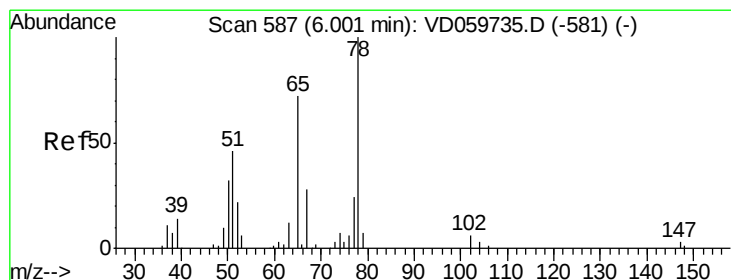
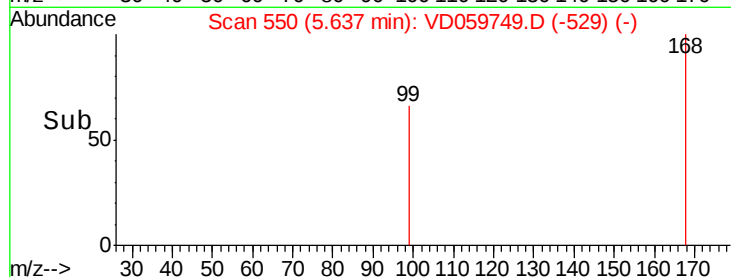
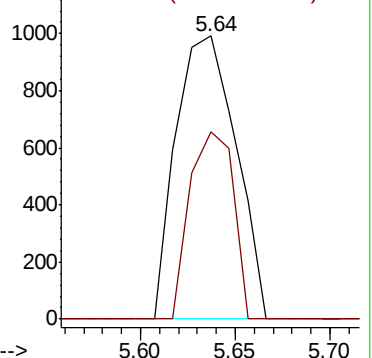
168 100

99 66.3 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: 6.01 min Scan# 588

Delta R.T. 0.01 min

Lab File: VD059749.D

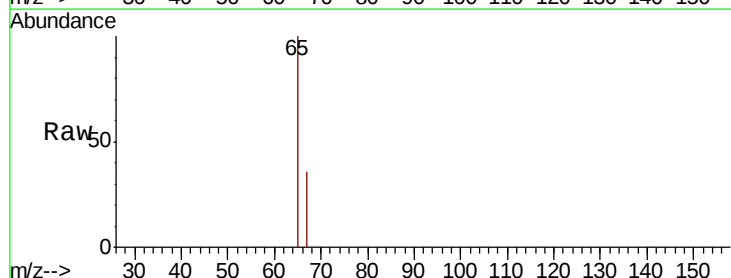
Acq: 13 Aug 2018 22:35

Tgt Ion: 65 Resp: 2717

Ion Ratio Lower Upper

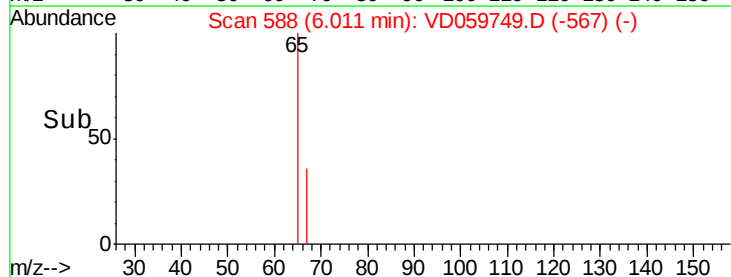
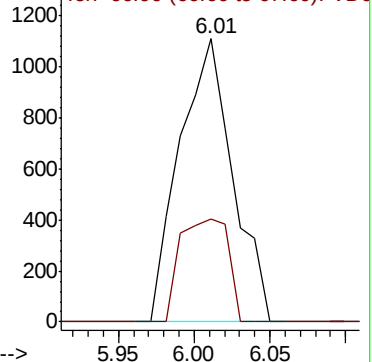
65 100

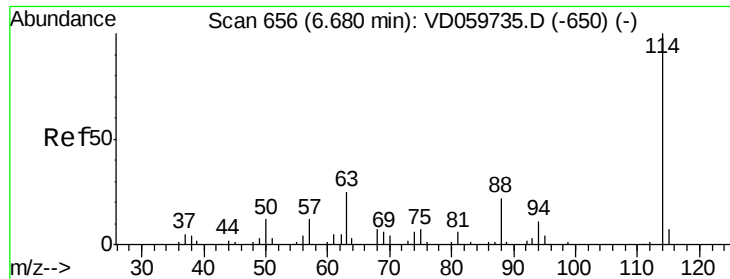
67 36.3 0.0 77.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

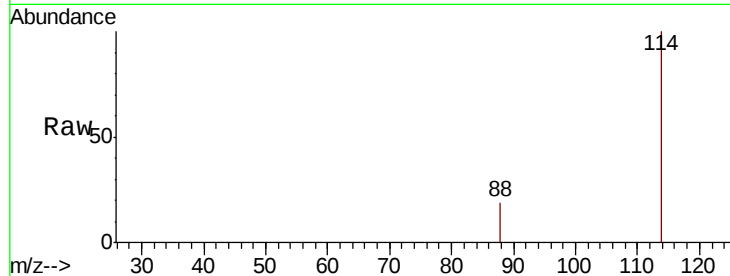
Ion 66.90 (66.60 to 67.60): VDC



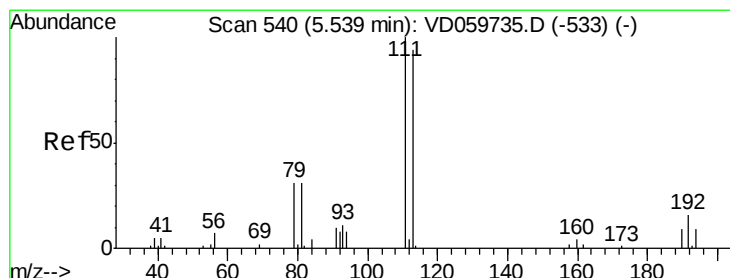
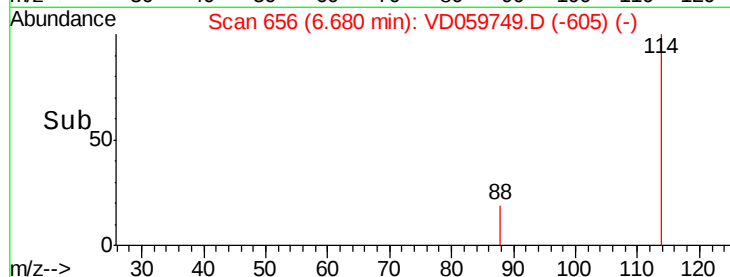
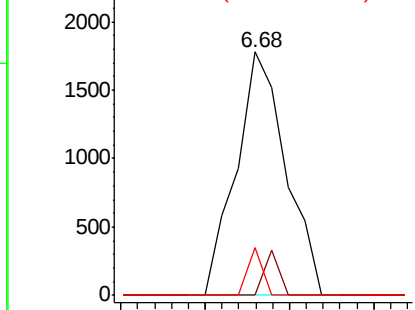


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: VD059749.D
 Acq: 13 Aug 2018 22:35

Tgt Ion:	114	Resp:	3626
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	50.6
88	19.5	0.0	43.4

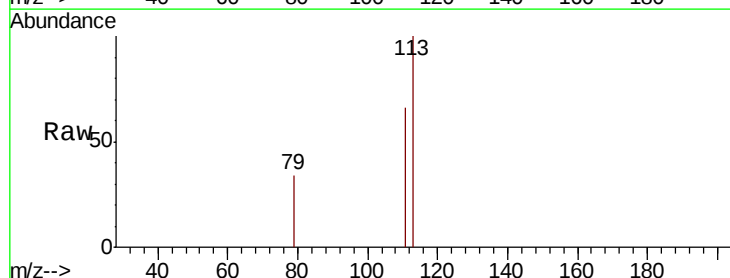


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

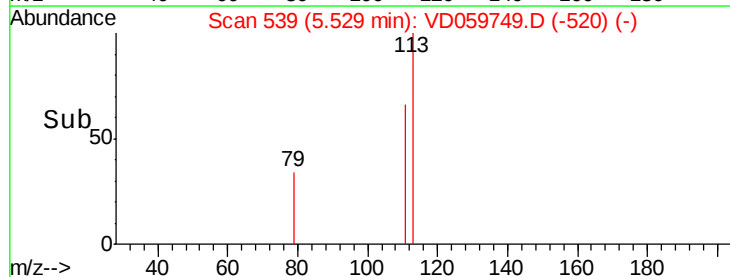
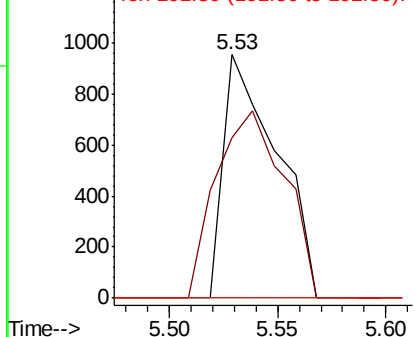


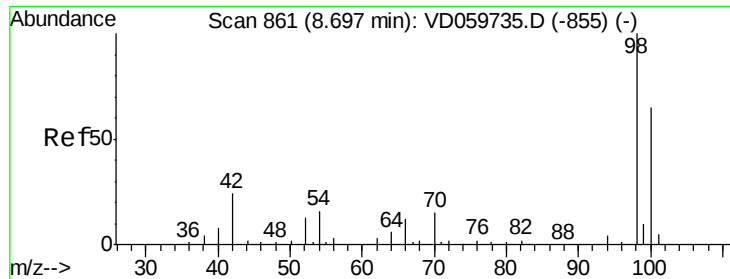
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.53 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: VD059749.D
 Acq: 13 Aug 2018 22:35

Tgt Ion:	113	Resp:	1640
Ion	Ratio	Lower	Upper
113	100		
111	66.1	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: 8.71 min Scan# 862

Delta R.T. 0.01 min

Lab File: VD059749.D

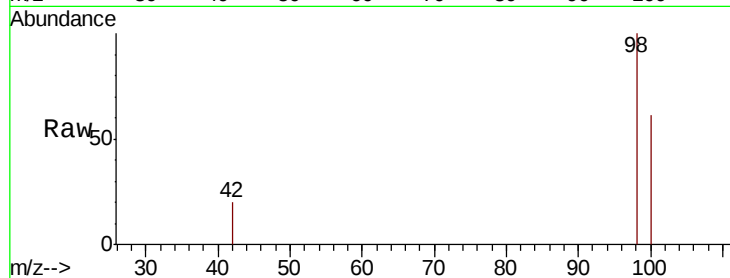
Acq: 13 Aug 2018 22:35

Tgt Ion: 98 Resp: 4147

Ion Ratio Lower Upper

98 100

100 60.7 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) (-)

8.71

2500

2000

1500

1000

500

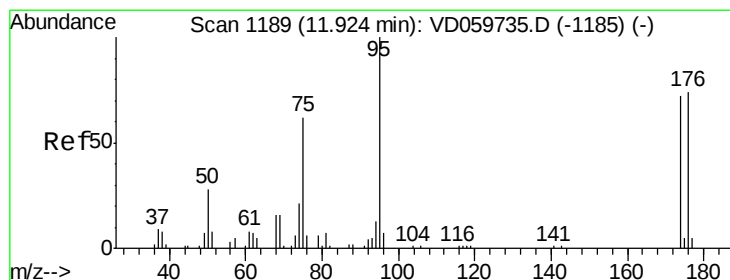
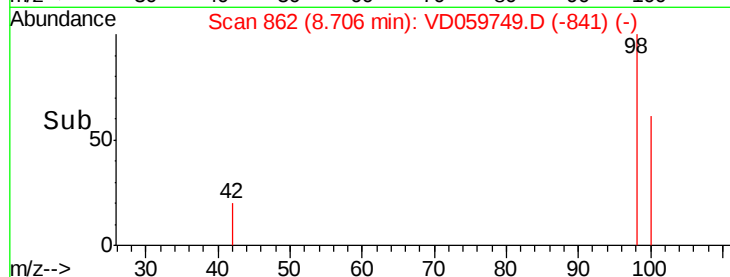
0

Time-->

8.65

8.70

8.75



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD059749.D

Acq: 13 Aug 2018 22:35

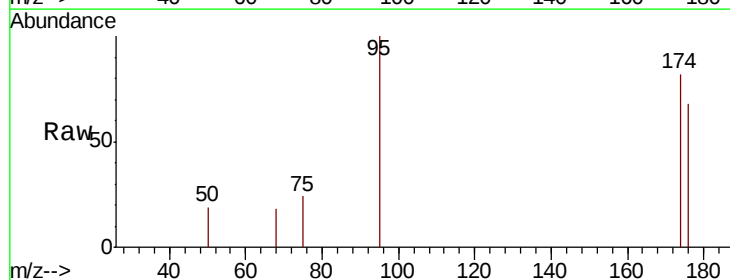
Tgt Ion: 95 Resp: 2372

Ion Ratio Lower Upper

95 100

174 82.4 0.0 143.2

176 68.1 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) (-)

11.93

2500

2000

1500

1000

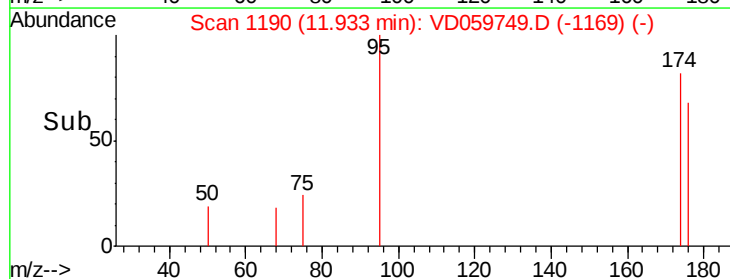
500

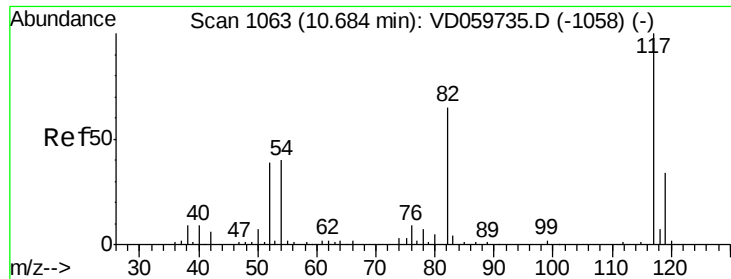
0

Time-->

11.90

11.95





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.68 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VD059749.D

Acq: 13 Aug 2018 22:35

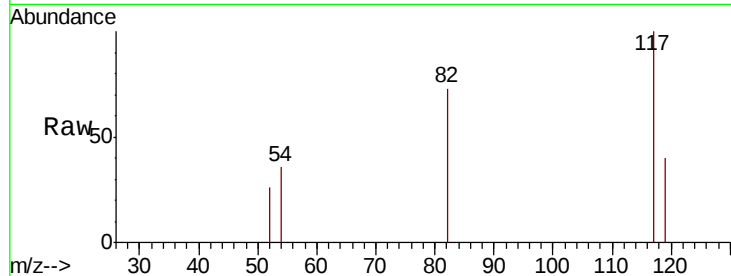
Tgt Ion:117 Resp: 4095

Ion Ratio Lower Upper

117 100

82 72.6 51.9 77.9

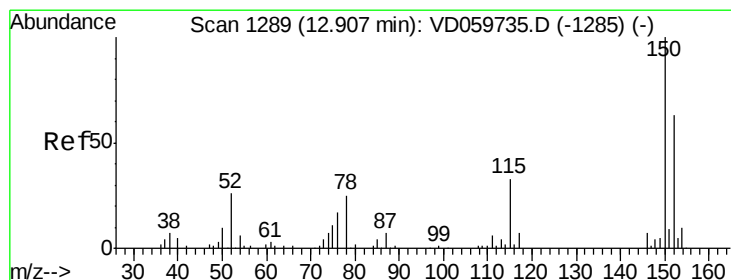
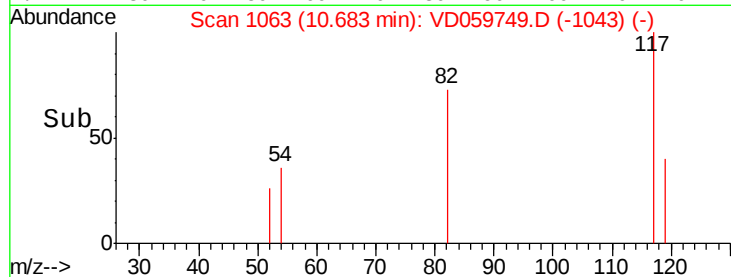
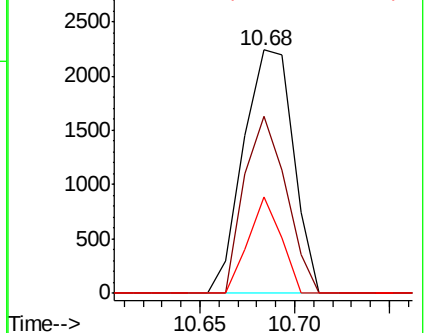
119 39.7 27.4 41.0



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: 12.91 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VD059749.D

Acq: 13 Aug 2018 22:35

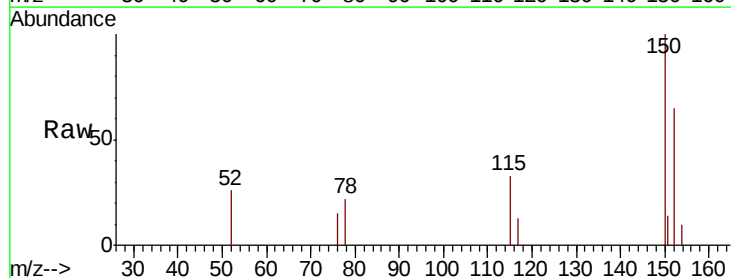
Tgt Ion:152 Resp: 2515

Ion Ratio Lower Upper

152 100

115 50.6 29.8 89.3

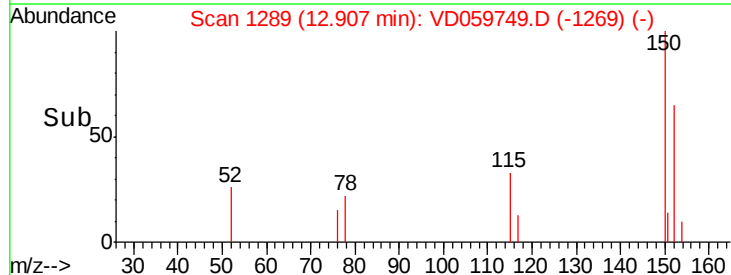
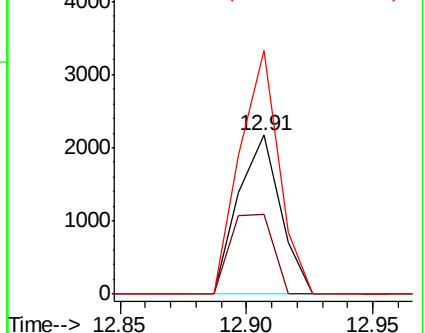
150 153.4 0.0 320.4

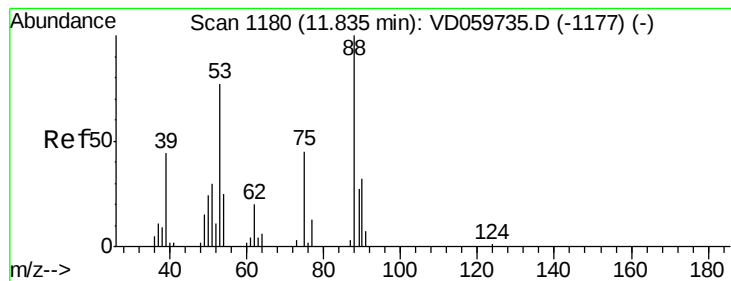


Abundance Ion 151.90 (151.60 to 152.60): V

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: 101.317 ug/l
 RT: 11.92 min Scan# 1189
 Delta R.T. 0.09 min
 Lab File: VD059749.D
 Acq: 13 Aug 2018 22:35

Tgt Ion: 75 Resp: 849
 Ion Ratio Lower Upper
 75 100
 53 0.0 137.5 206.3#
 89 0.0 48.3 72.5#

