

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081318\
 Data File : VD059758.D
 Acq On : 14 Aug 2018 2:49
 Operator : VA/AP
 Sample : J4447-26
 Misc : 4.45g/5ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 14 03:53:51 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	190	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.68	114	1341	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	1204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	645	50.00	ug/l	0.00

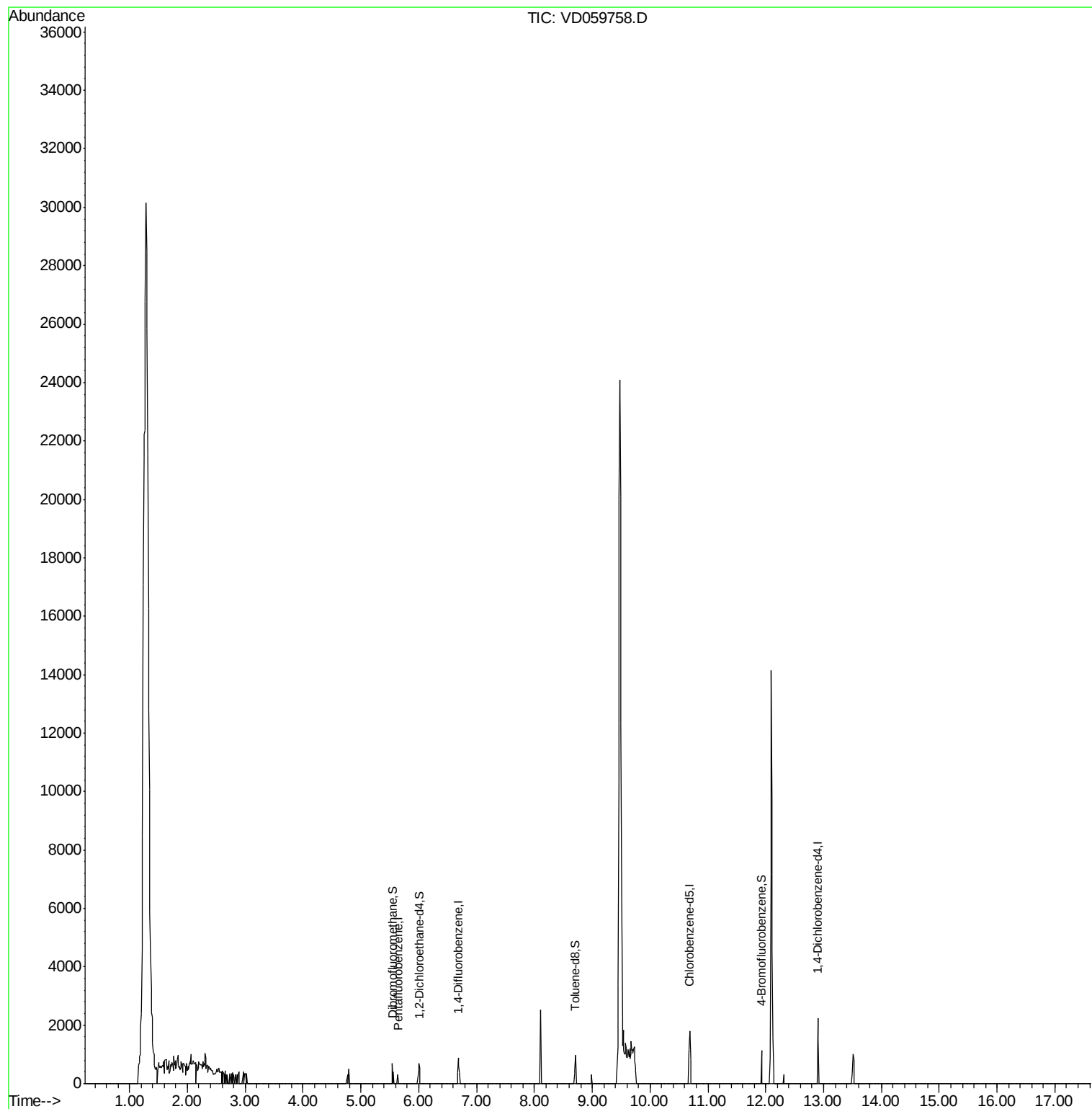
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	774	260.26	ug/l	0.01
Spiked Amount	50.000		Recovery	=	520.52%	
35) Dibromofluoromethane	5.54	113	211	15.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	30.56%	
50) Toluene-d8	8.71	98	797	29.10	ug/l	0.01
Spiked Amount	50.000		Recovery	=	58.20%	
62) 4-Bromofluorobenzene	11.93	95	274	19.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.90%	

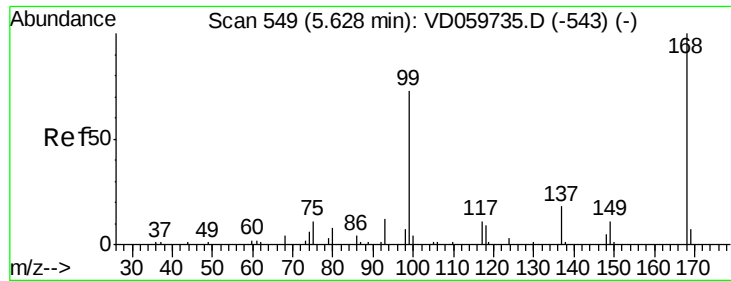
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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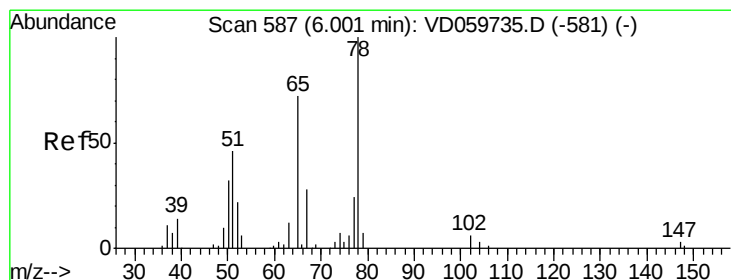
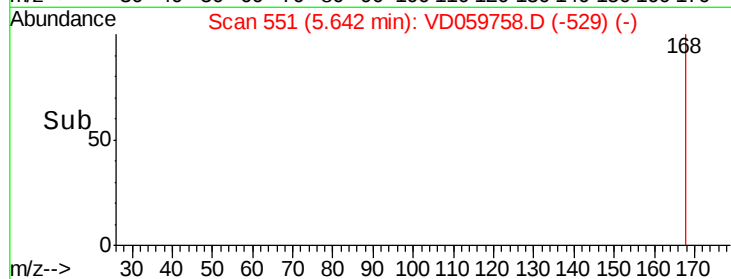
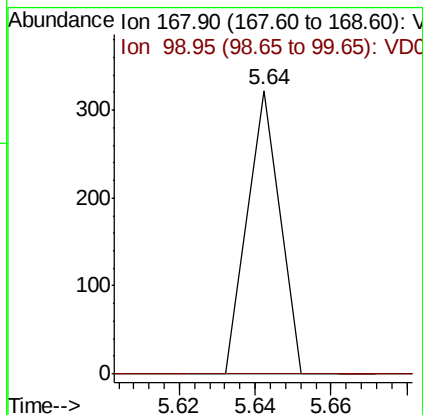
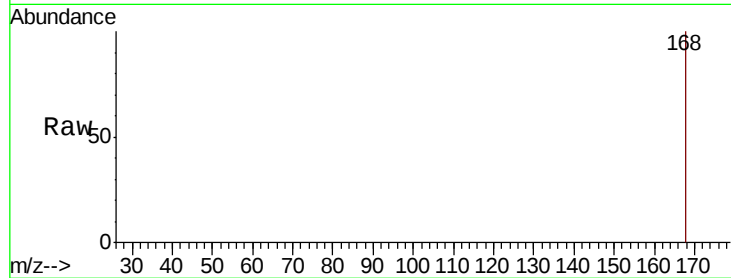
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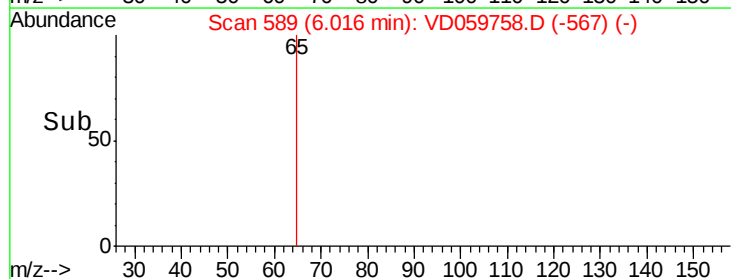
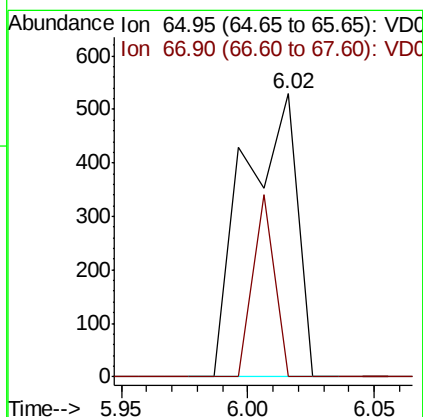
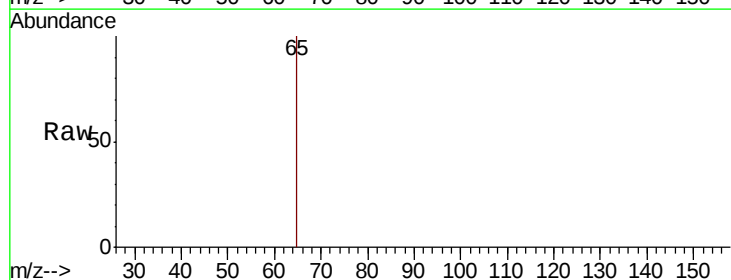
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 551
Delta R.T. 0.01 min
Lab File: VD059758.D
Acq: 14 Aug 2018 2:49

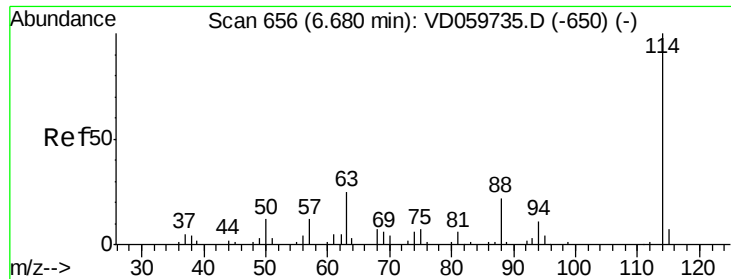
Tgt Ion: 168 Resp: 190
Ion Ratio Lower Upper
168 100
99 0.0 61.4 92.2#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.02 min Scan# 589
Delta R.T. 0.01 min
Lab File: VD059758.D
Acq: 14 Aug 2018 2:49

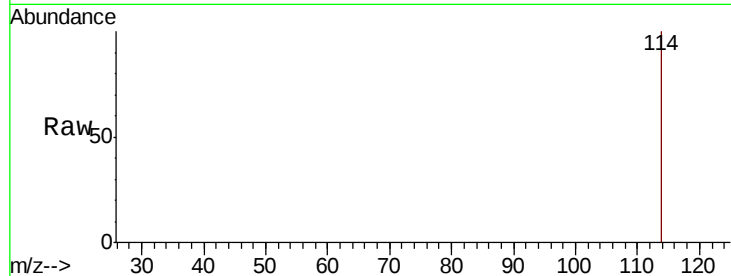
Tgt Ion: 65 Resp: 774
Ion Ratio Lower Upper
65 100
67 0.0 0.0 77.4



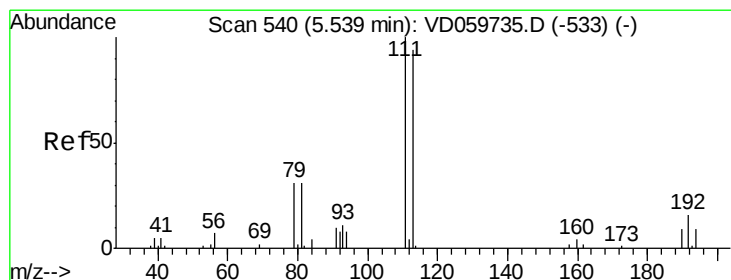
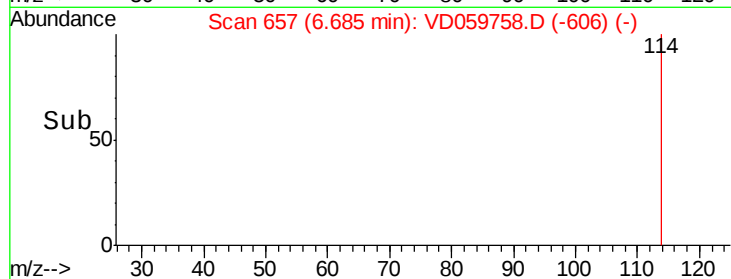
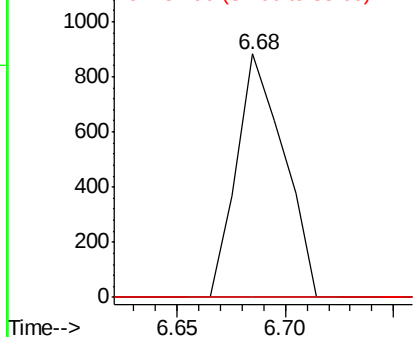


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.68 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VD059758.D
 Acq: 14 Aug 2018 2:49

Tgt Ion:	114	Resp:	1341
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	50.6
88	0.0	0.0	43.4

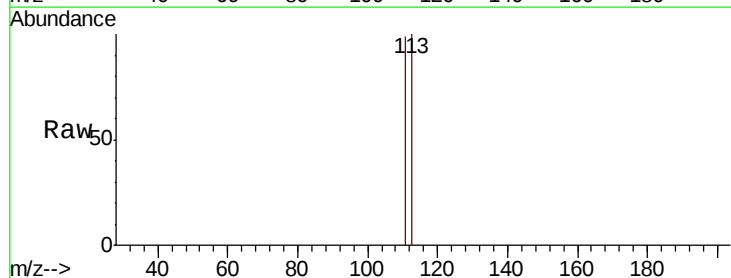


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

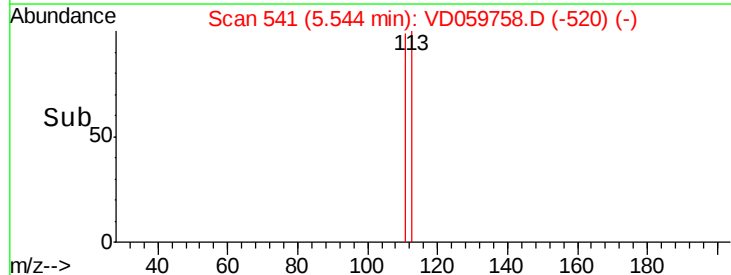
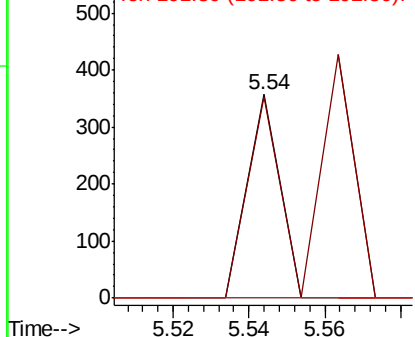


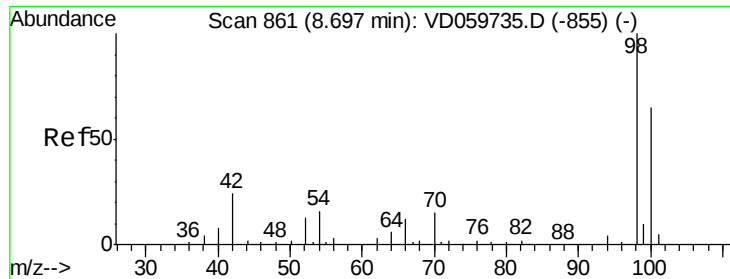
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: VD059758.D
 Acq: 14 Aug 2018 2:49

Tgt Ion:	113	Resp:	211
Ion	Ratio	Lower	Upper
113	100		
111	98.9	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# 863

Delta R.T. 0.01 min

Lab File: VD059758.D

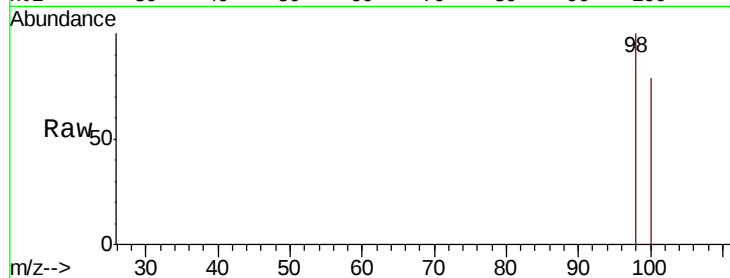
Acq: 14 Aug 2018 2:49

Tgt Ion: 98 Resp: 797

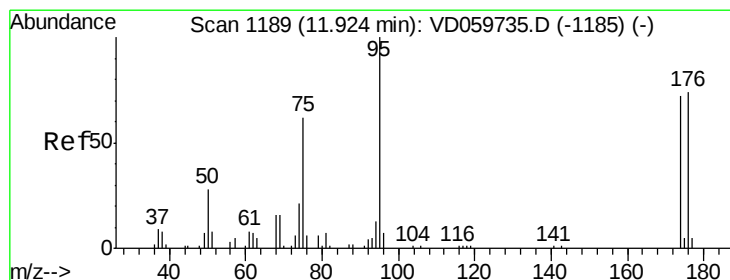
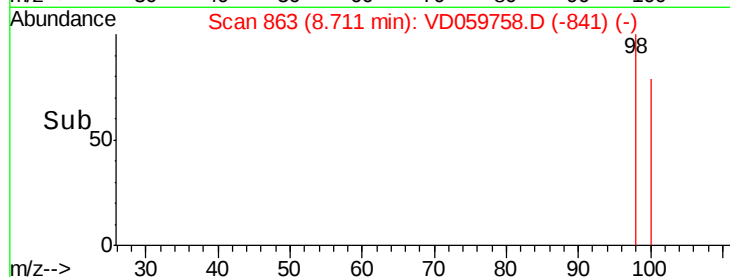
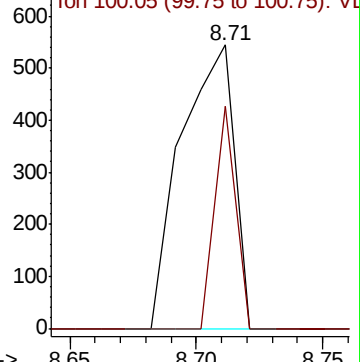
Ion Ratio Lower Upper

98 100

100 78.7 52.2 78.2#



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



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.00 min

Lab File: VD059758.D

Acq: 14 Aug 2018 2:49

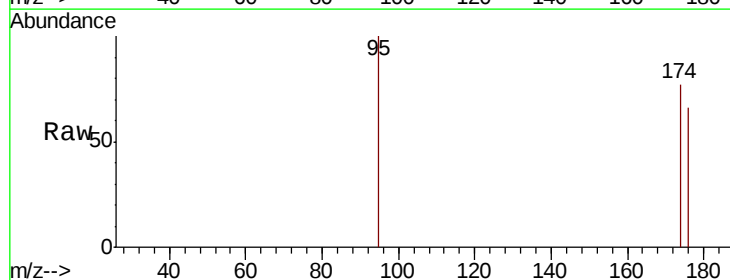
Tgt Ion: 95 Resp: 274

Ion Ratio Lower Upper

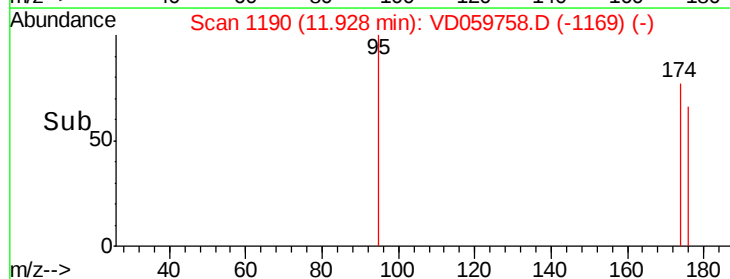
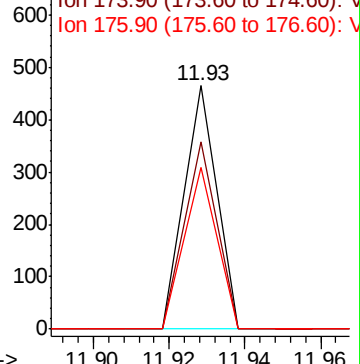
95 100

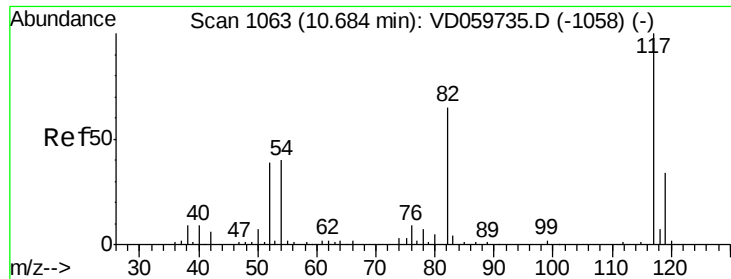
174 76.8 0.0 143.2

176 66.5 0.0 147.2



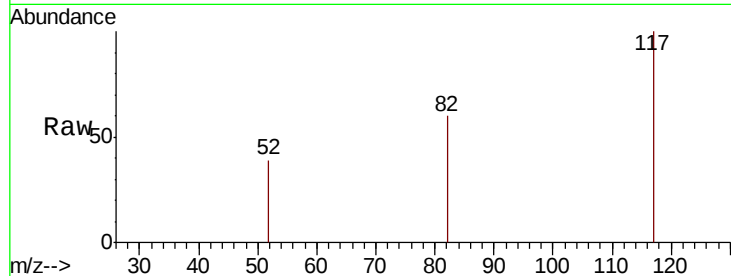
Abundance Ion 95.00 (94.70 to 95.70): VD059735.D (-1185) (-)



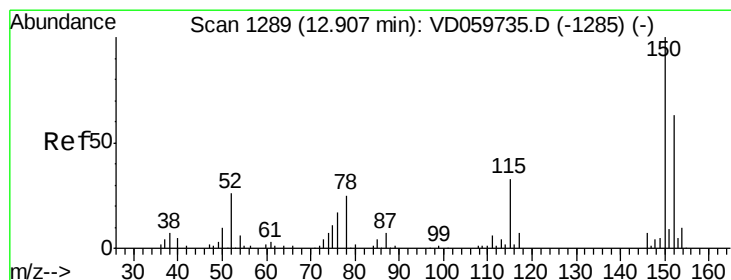
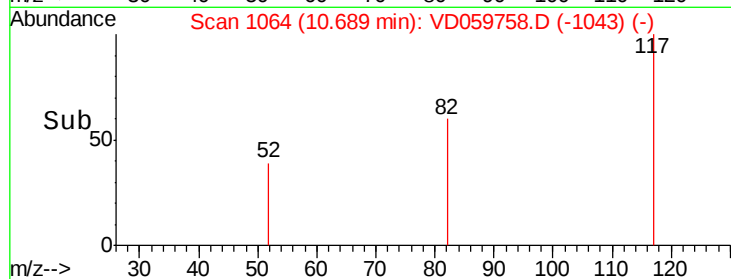
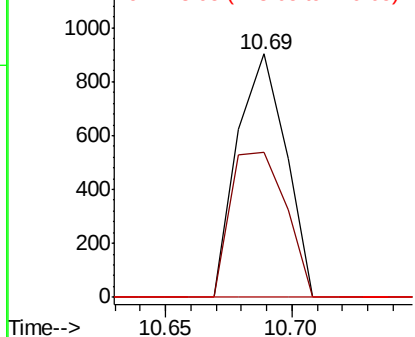


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VD059758.D
Acq: 14 Aug 2018 2:49

Tgt Ion:117 Resp: 1204
Ion Ratio Lower Upper
117 100
82 59.8 51.9 77.9
119 0.0 27.4 41.0#

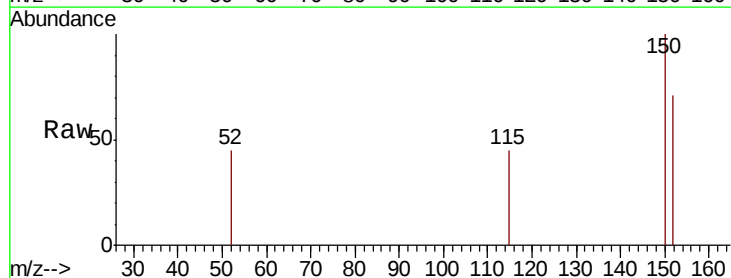


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. -0.01 min
Lab File: VD059758.D
Acq: 14 Aug 2018 2:49

Tgt Ion:152 Resp: 645
Ion Ratio Lower Upper
152 100
115 63.0 29.8 89.3
150 141.1 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

