

Data Path : Z:\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

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-5

Quant Time: Aug 14 04:42:00 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%	

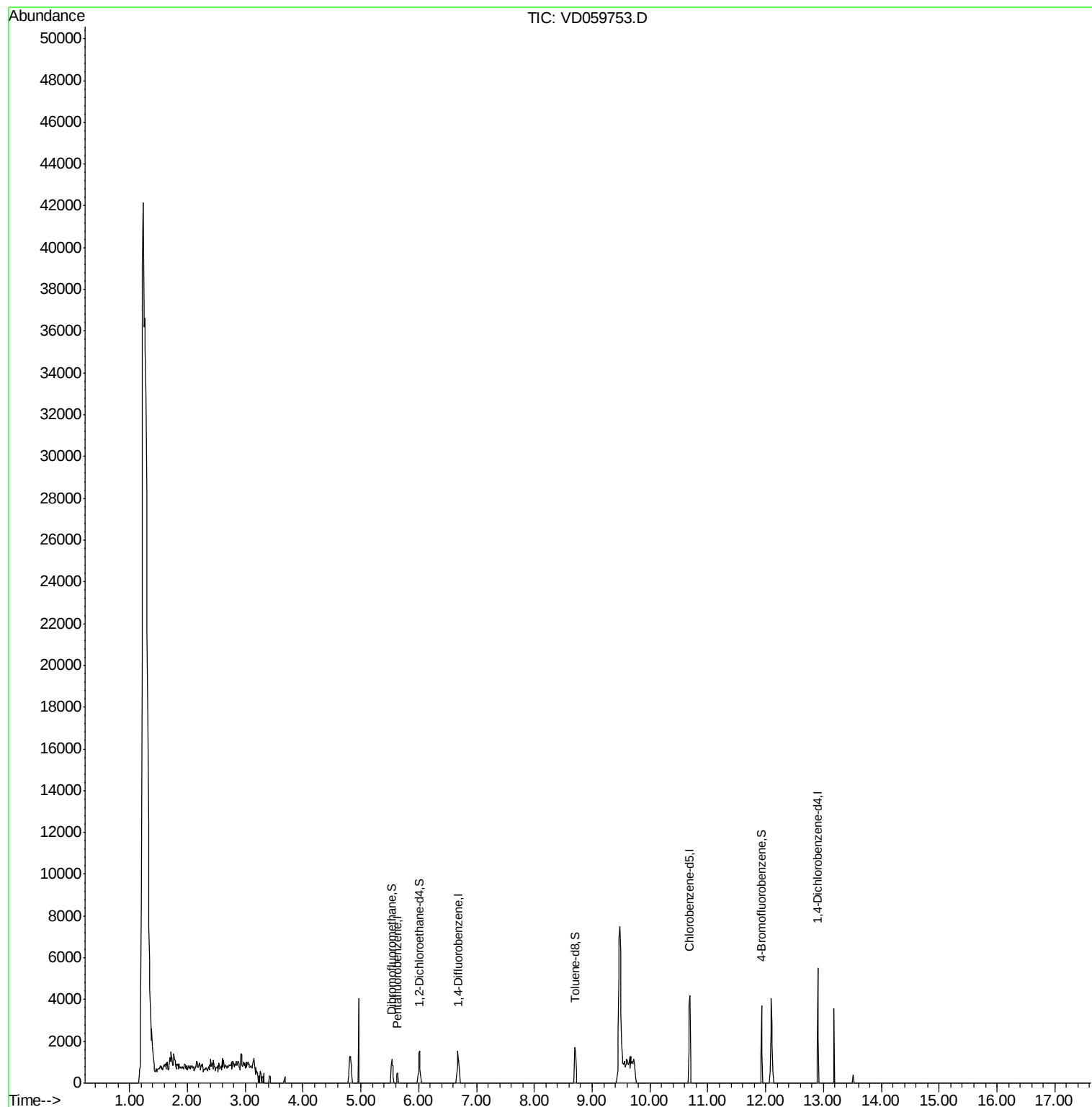
Target Compounds	Qvalue
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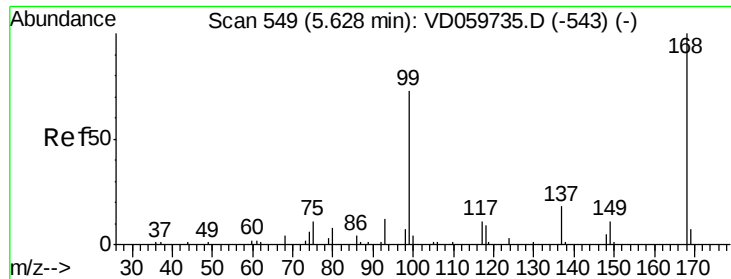
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 11 05:42:24 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 550

Delta R.T. 0.01 min

Lab File: VD059753.D

Acq: 14 Aug 2018 00:27

Instrument :

MSVOA_D

ClientSampleId :

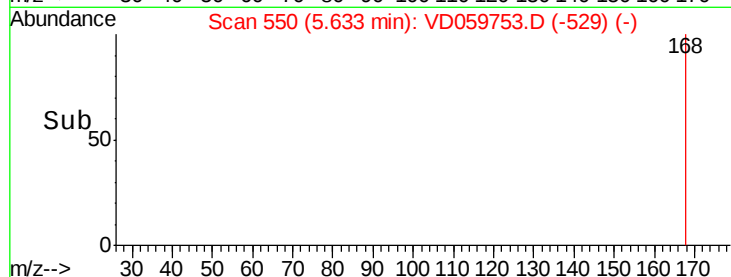
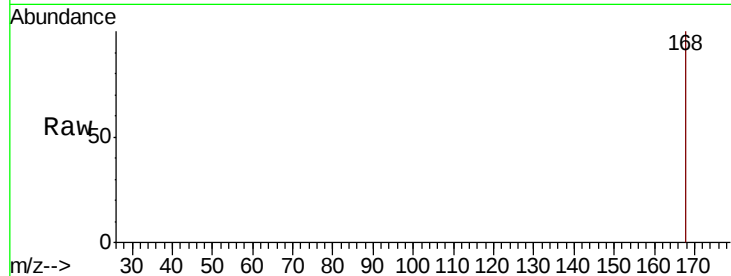
SP-1-5

Tot 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

5.63

5.65

Time-->

Abundance

Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.63

5.65

Time-->

Abundance

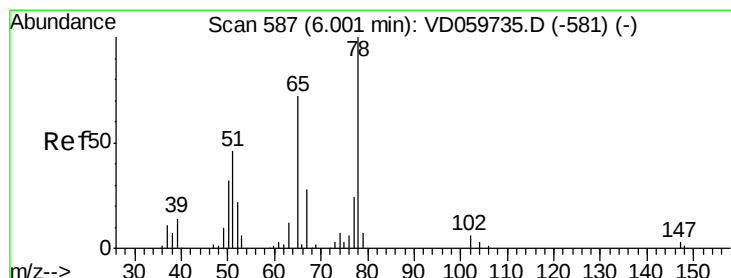
Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.63

5.65

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

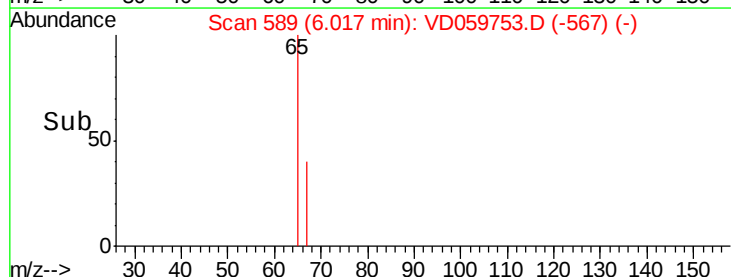
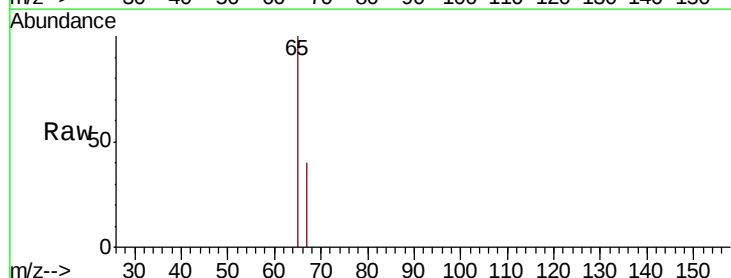
Acq: 14 Aug 2018 00:27

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

6.05

Time-->

Abundance

Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.02

6.05

Time-->

Abundance

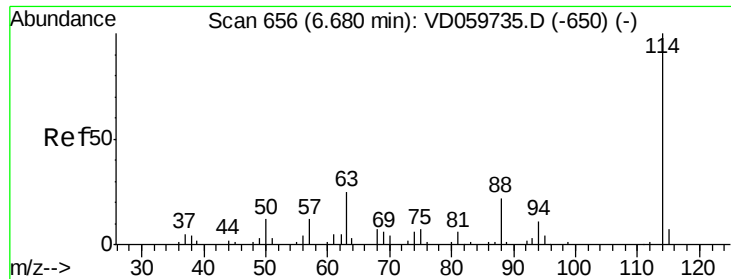
Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.02

6.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.68 min Scan# 656

Delta R.T. -0.00 min

Lab File: VD059753.D

Acq: 14 Aug 2018 00:27

Instrument :

MSVOA_D

ClientSampleId :

SP-1-5

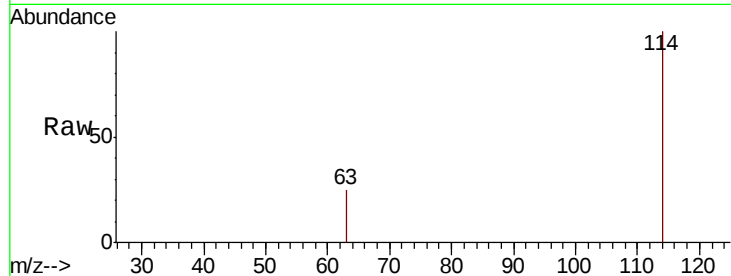
Tot Ion:114 Resp: 2857

Ion Ratio Lower Upper

114 100

63 24.6 0.0 50.6

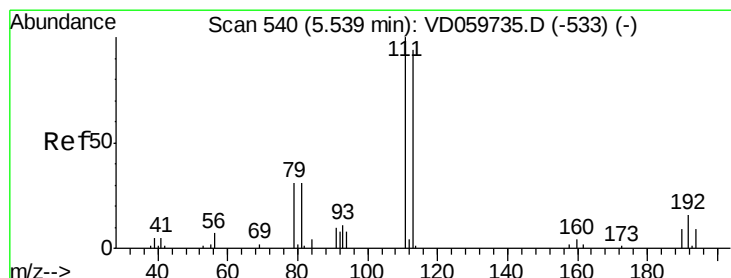
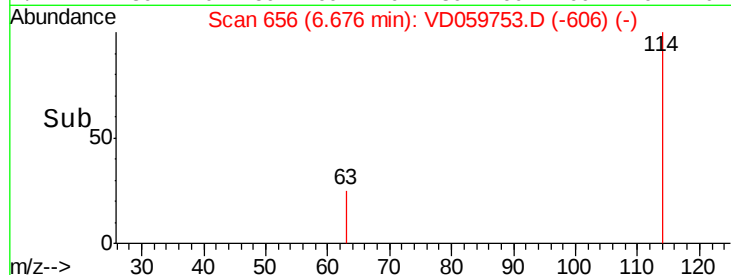
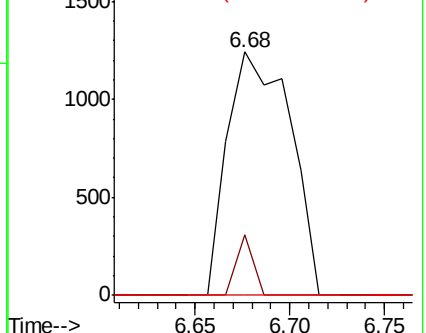
88 0.0 0.0 43.4



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: 50.00 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.00 min

Lab File: VD059753.D

Acq: 14 Aug 2018 00:27

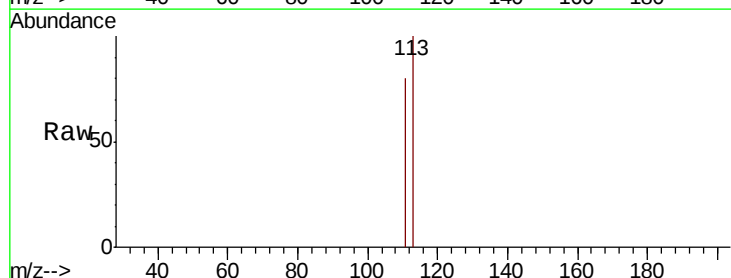
Tgt Ion:113 Resp: 1350

Ion Ratio Lower Upper

113 100

111 80.1 85.3 127.9#

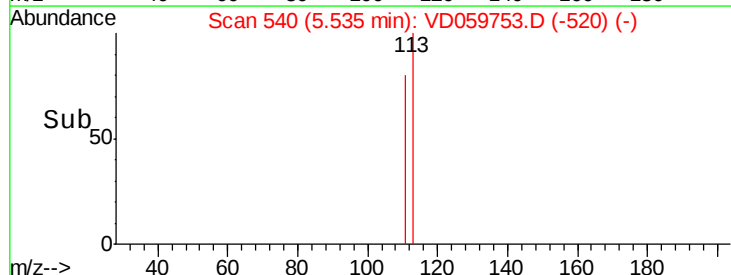
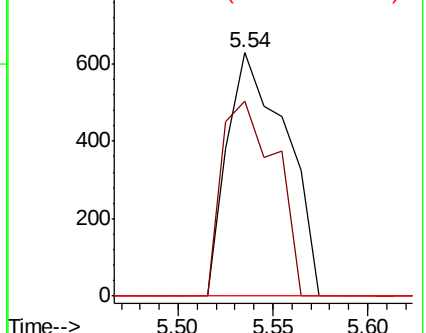
192 0.0 13.9 20.9#

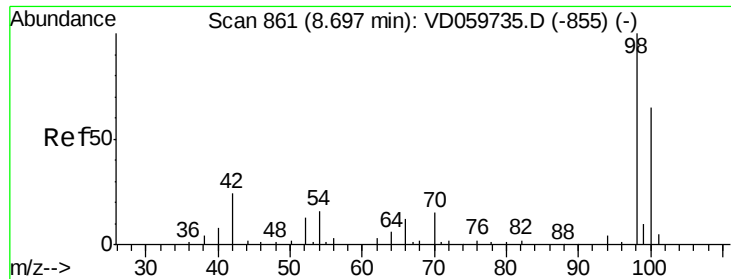


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

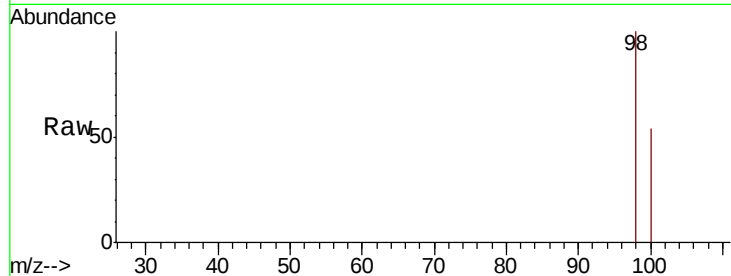




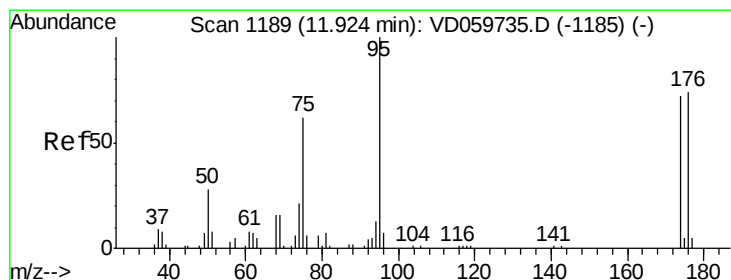
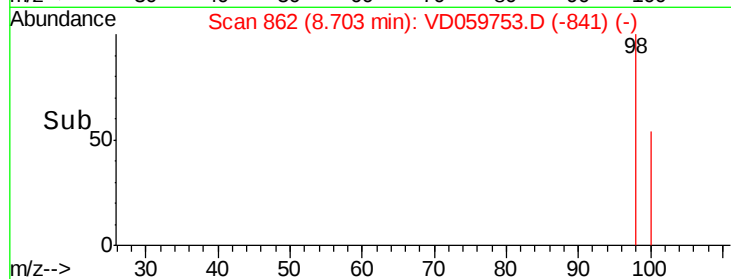
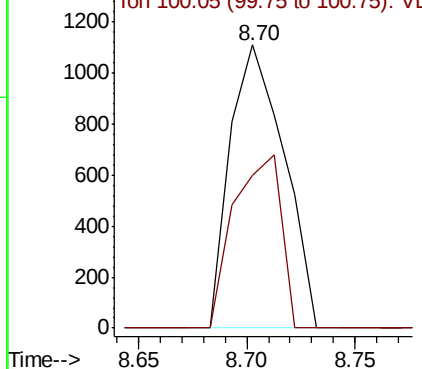
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 862
Delta R.T. 0.01 min
Lab File: VD059753.D
Acq: 14 Aug 2018 00:27

Instrument :
MSVOA_D
ClientSampleId :
SP-1-5

Tot Ion: 98 Resp: 1936
Ion Ratio Lower Upper
98 100
100 54.1 52.2 78.2

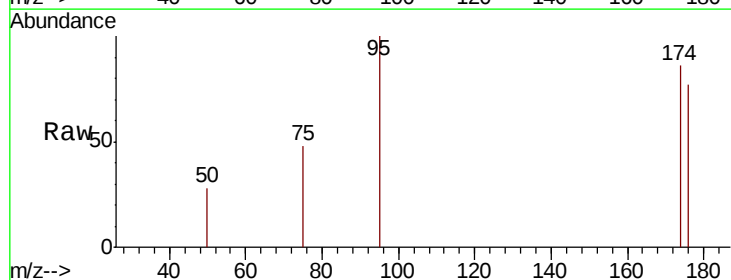


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

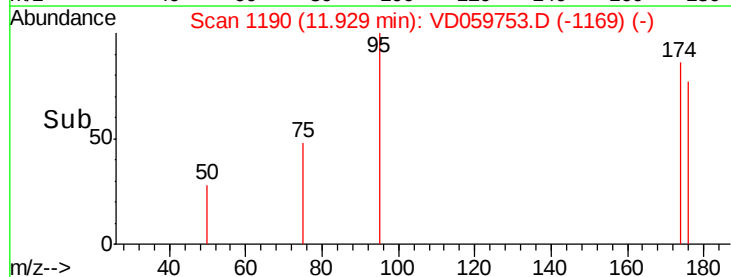
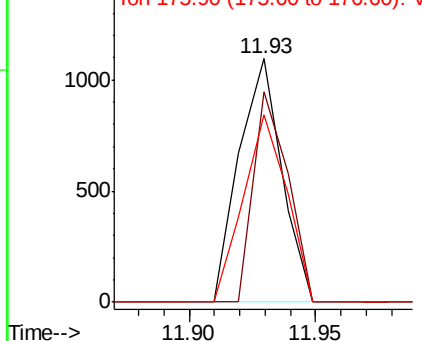


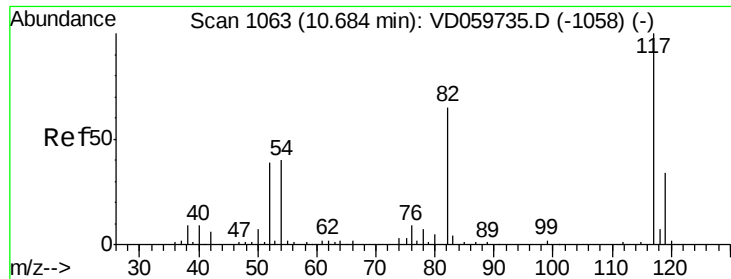
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD059753.D
Acq: 14 Aug 2018 00:27

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): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

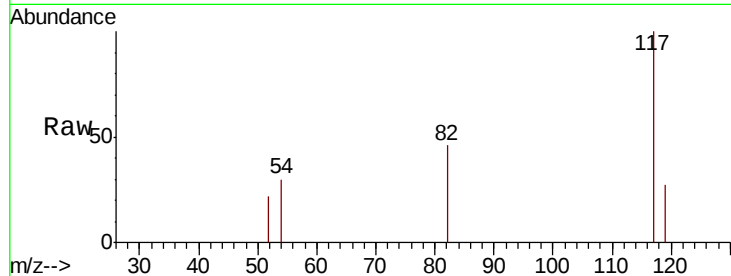




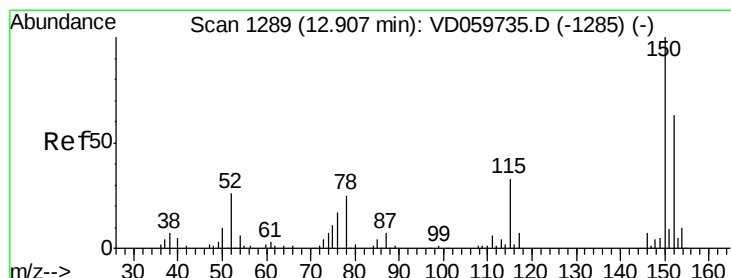
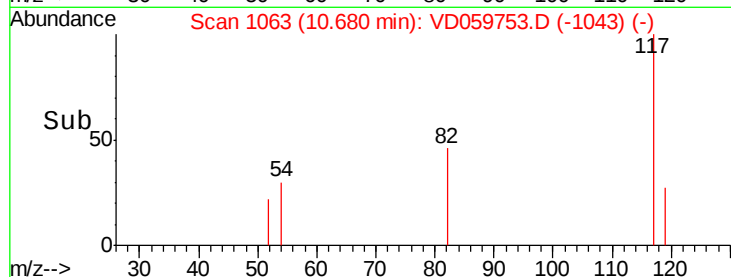
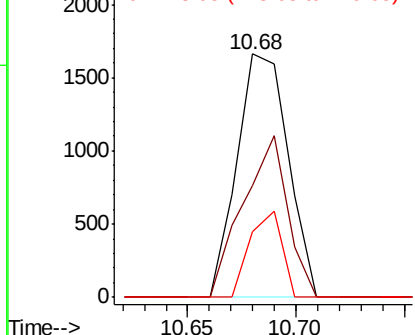
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD059753.D
Acq: 14 Aug 2018 00:27

Instrument :
MSVOA_D
ClientSampleId :
SP-1-5

Tot Ion:117 Resp: 2747
Ion Ratio Lower Upper
117 100
82 45.8 51.9 77.9#
119 26.9 27.4 41.0#

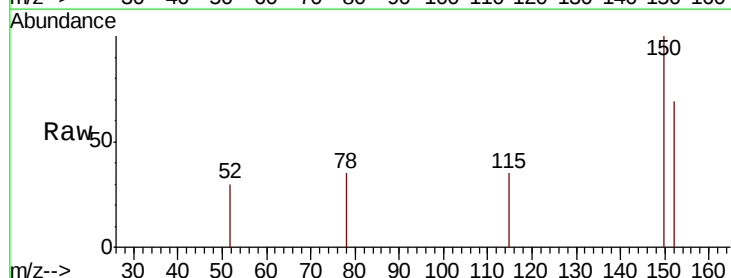


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 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

