

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073118\
 Data File : VD059653.D
 Acq On : 31 Jul 2018 14:56
 Operator : VA/AP
 Sample : J4192-08RE
 Misc : 9.59g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-001-DRE

Quant Time: Jul 31 15:40:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	21154	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.67	114	29431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	26969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	16873	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	25893	97.36	ug/l	0.02
Spiked Amount	50.000		Recovery	=	194.72%	
35) Dibromofluoromethane	5.53	113	16132	63.90	ug/l	0.02
Spiked Amount	50.000		Recovery	=	127.80%	
50) Toluene-d8	8.69	98	33142	57.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.74%	
62) 4-Bromofluorobenzene	11.92	95	17749	68.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.60%	

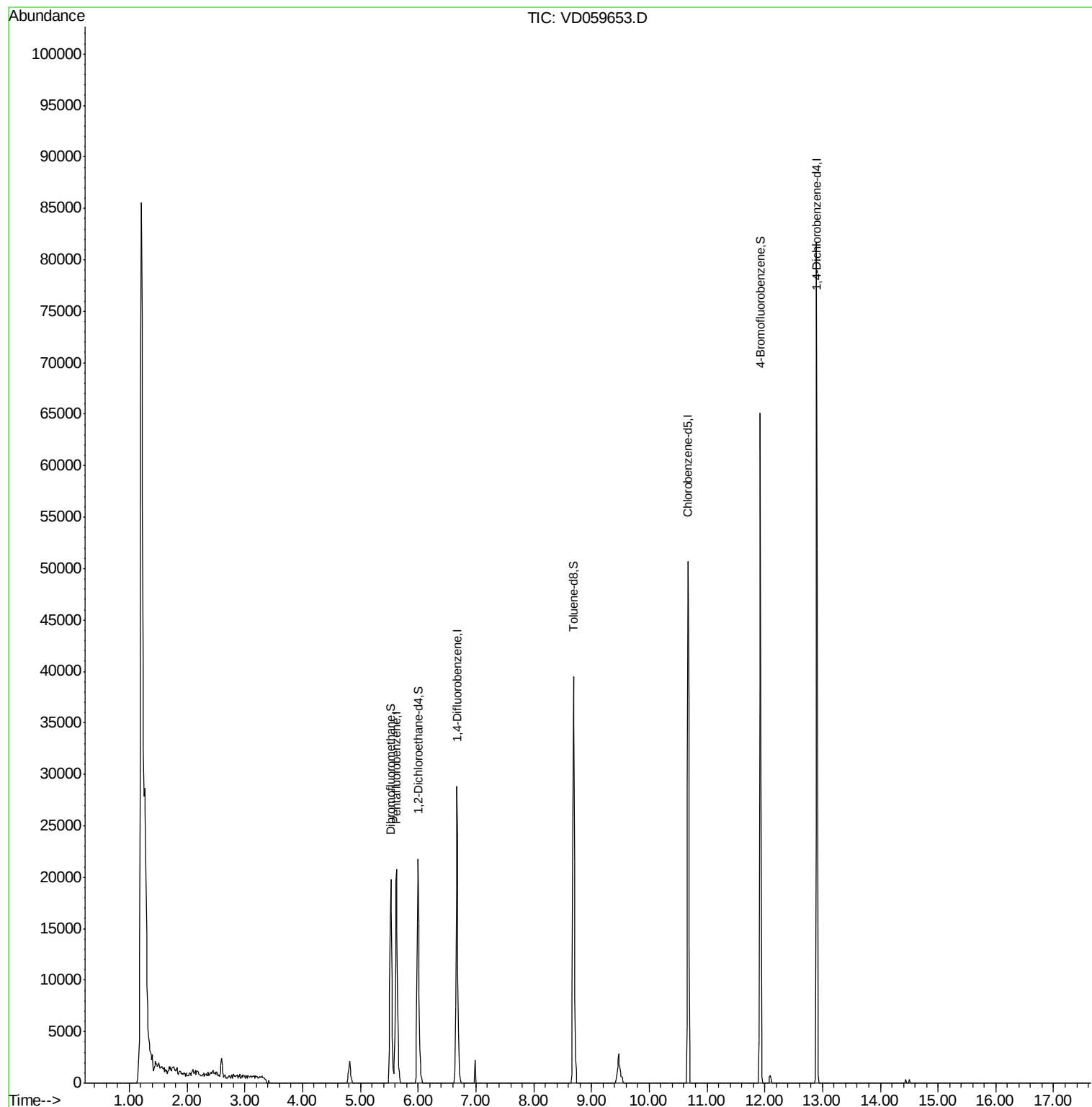
Target Compounds	Qvalue

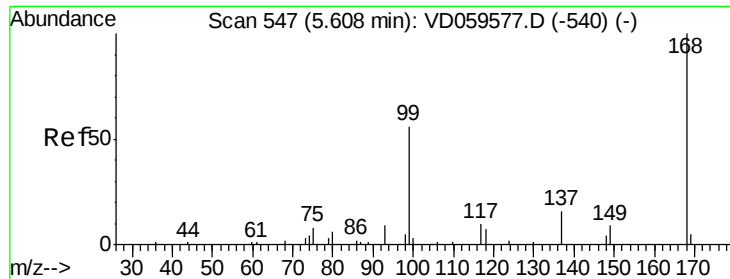
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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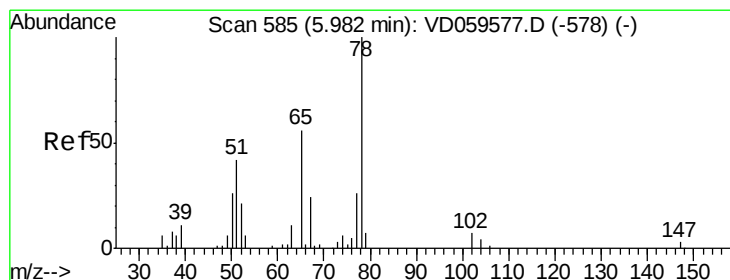
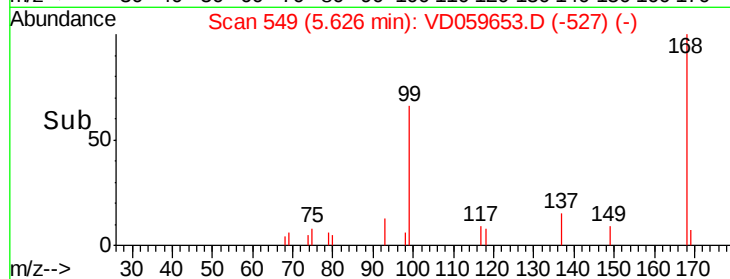
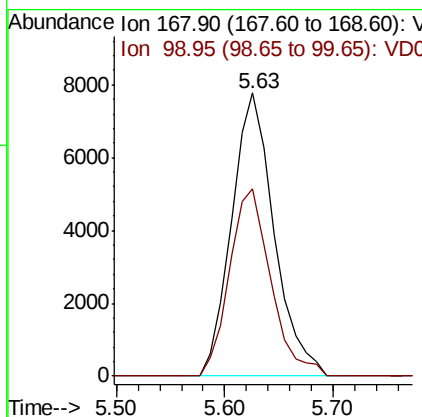
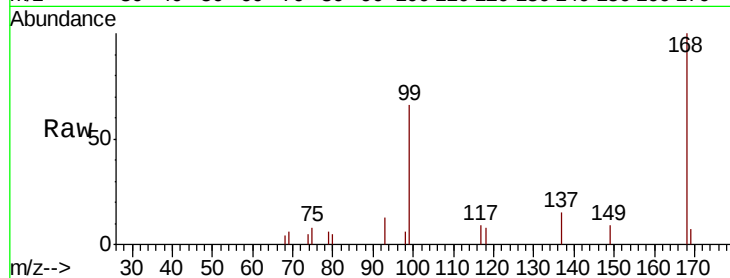




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 549
Delta R.T. 0.02 min
Lab File: VD059653.D
Acq: 31 Jul 2018 14:56

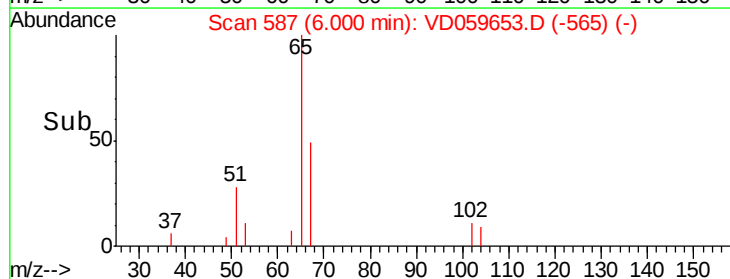
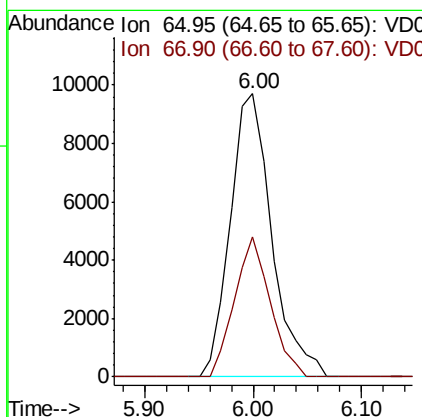
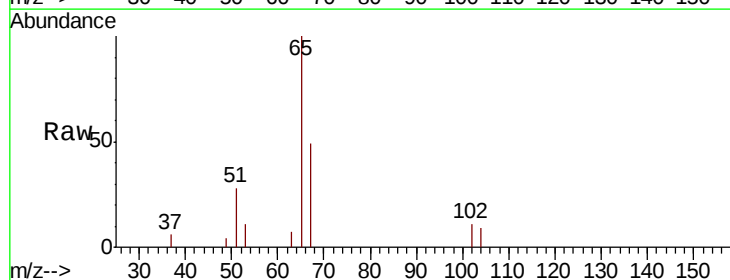
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-001-DRE

Tot Ion:168 Resp: 21154
Ion Ratio Lower Upper
168 100
99 66.2 47.3 70.9



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. 0.02 min
Lab File: VD059653.D
Acq: 31 Jul 2018 14:56

Tgt Ion: 65 Resp: 25893
Ion Ratio Lower Upper
65 100
67 49.3 0.0 86.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.67 min Scan# 655

Delta R.T. 0.01 min

Lab File: VD059653.D

Acq: 31 Jul 2018 14:56

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-03-001-DRE

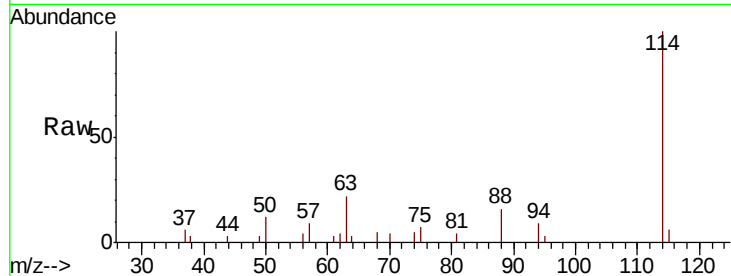
Tot Ion:114 Resp: 29431

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.8

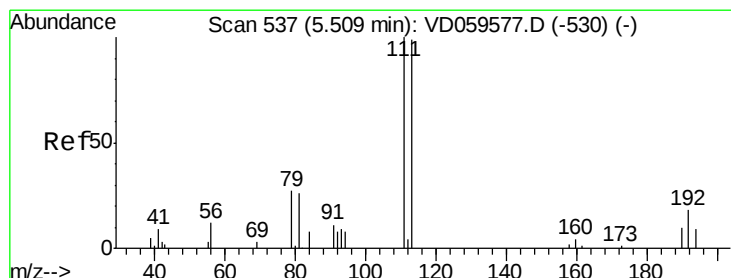
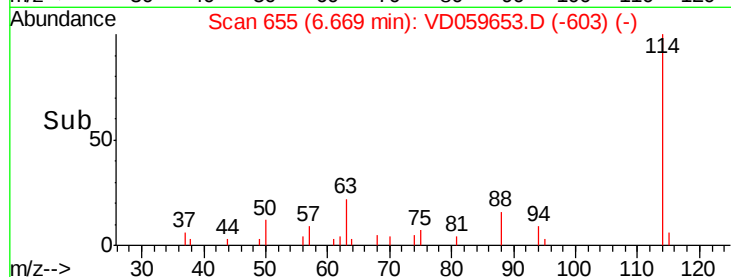
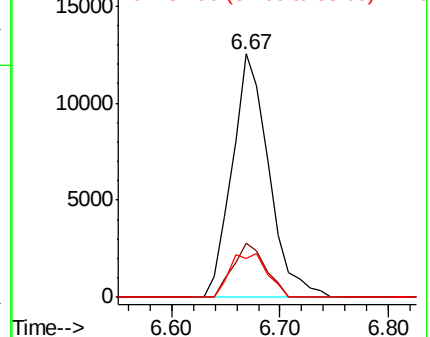
88 16.2 0.0 39.0



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. 0.02 min

Lab File: VD059653.D

Acq: 31 Jul 2018 14:56

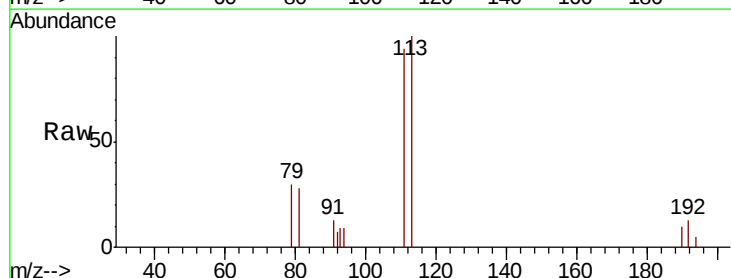
Tgt Ion:113 Resp: 16132

Ion Ratio Lower Upper

113 100

111 94.5 80.5 120.7

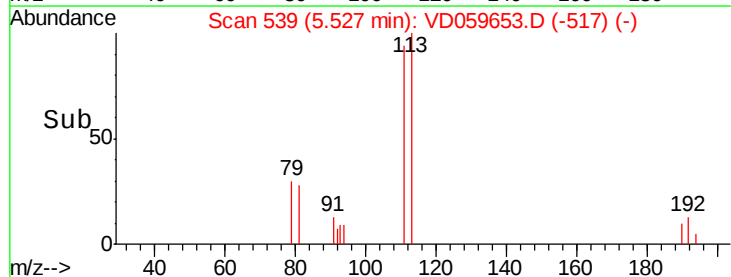
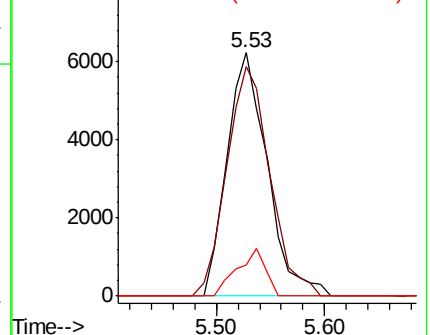
192 12.8 14.5 21.7#

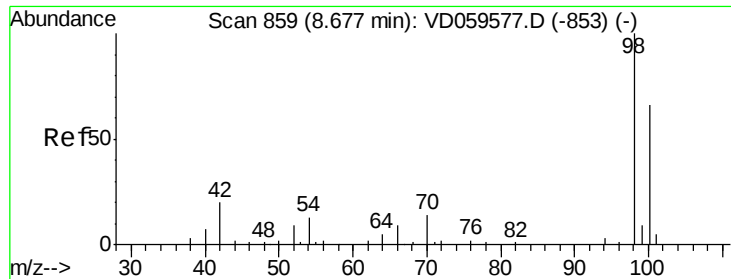


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

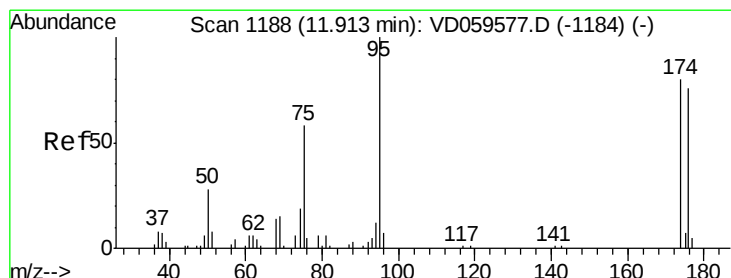
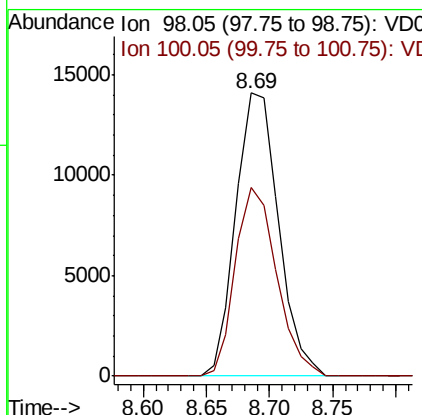
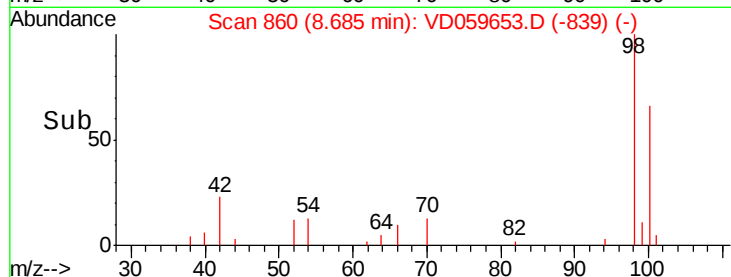
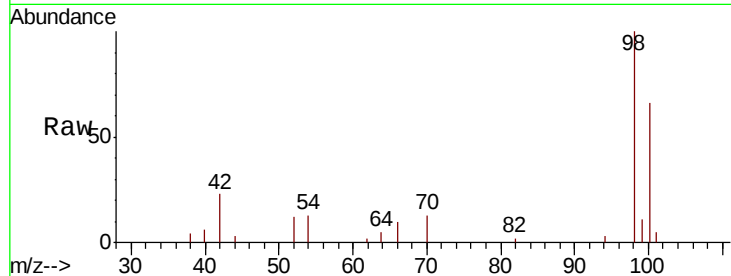




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. 0.01 min
Lab File: VD059653.D
Acq: 31 Jul 2018 14:56

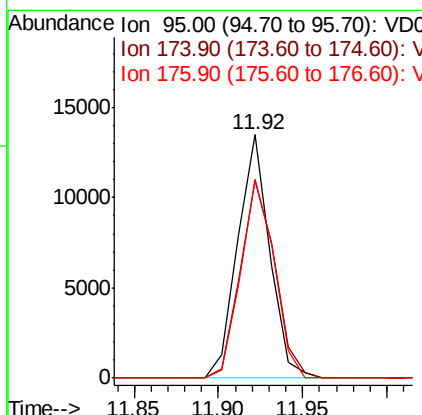
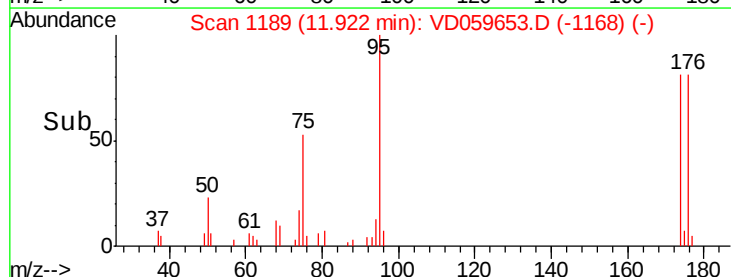
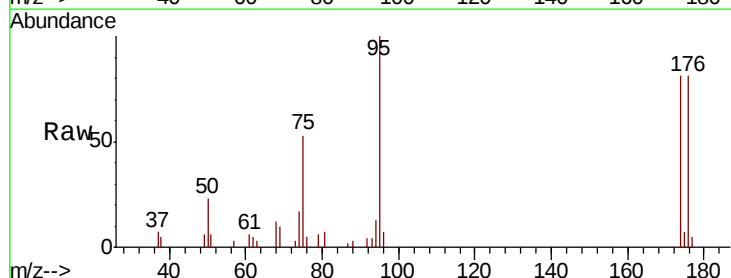
Instrument :
MSVOA_D
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FK-BPM-03-001-DRE

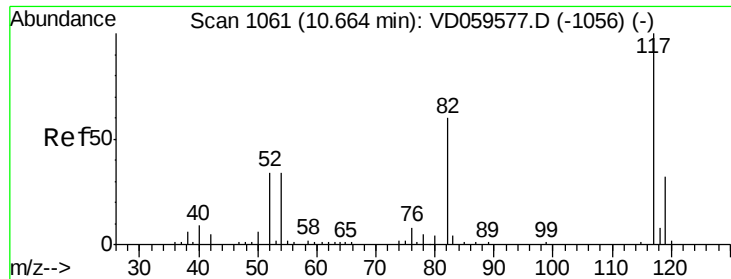
Tot Ion: 98 Resp: 33142
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD059653.D
Acq: 31 Jul 2018 14:56

Tgt Ion: 95 Resp: 17749
Ion Ratio Lower Upper
95 100
174 81.1 0.0 160.6
176 81.5 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.67 min Scan# 1062

Delta R.T. 0.01 min

Lab File: VD059653.D

Acq: 31 Jul 2018 14:56

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-03-001-DRE

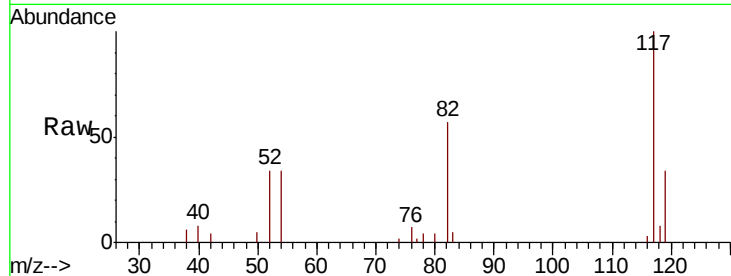
Tot Ion:117 Resp: 26969

Ion Ratio Lower Upper

117 100

82 57.3 48.2 72.2

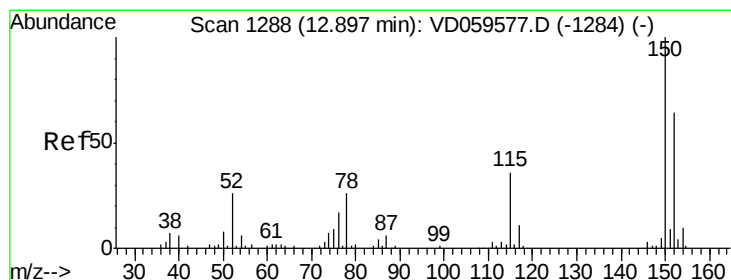
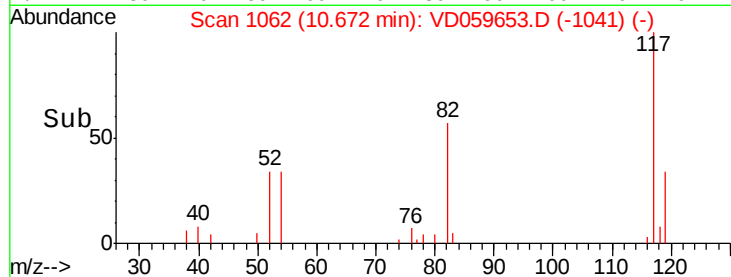
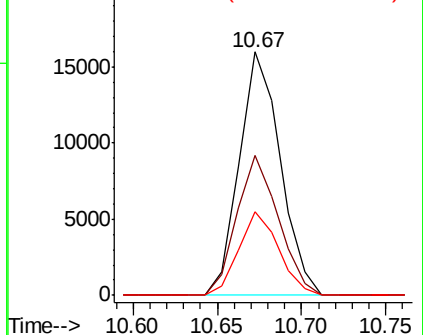
119 34.2 25.4 38.2



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# 1288

Delta R.T. -0.00 min

Lab File: VD059653.D

Acq: 31 Jul 2018 14:56

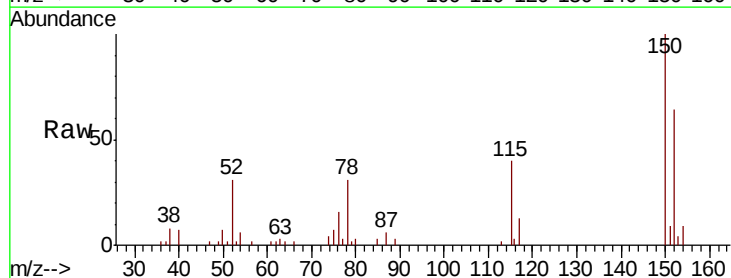
Tgt Ion:152 Resp: 16873

Ion Ratio Lower Upper

152 100

115 62.1 29.5 88.6

150 156.2 0.0 314.4



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

