

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059639.D
 Acq On : 31 Jul 2018 1:01
 Operator : VA/AP
 Sample : J4192-08
 Misc : 8.78g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jul 31 07:22:02 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

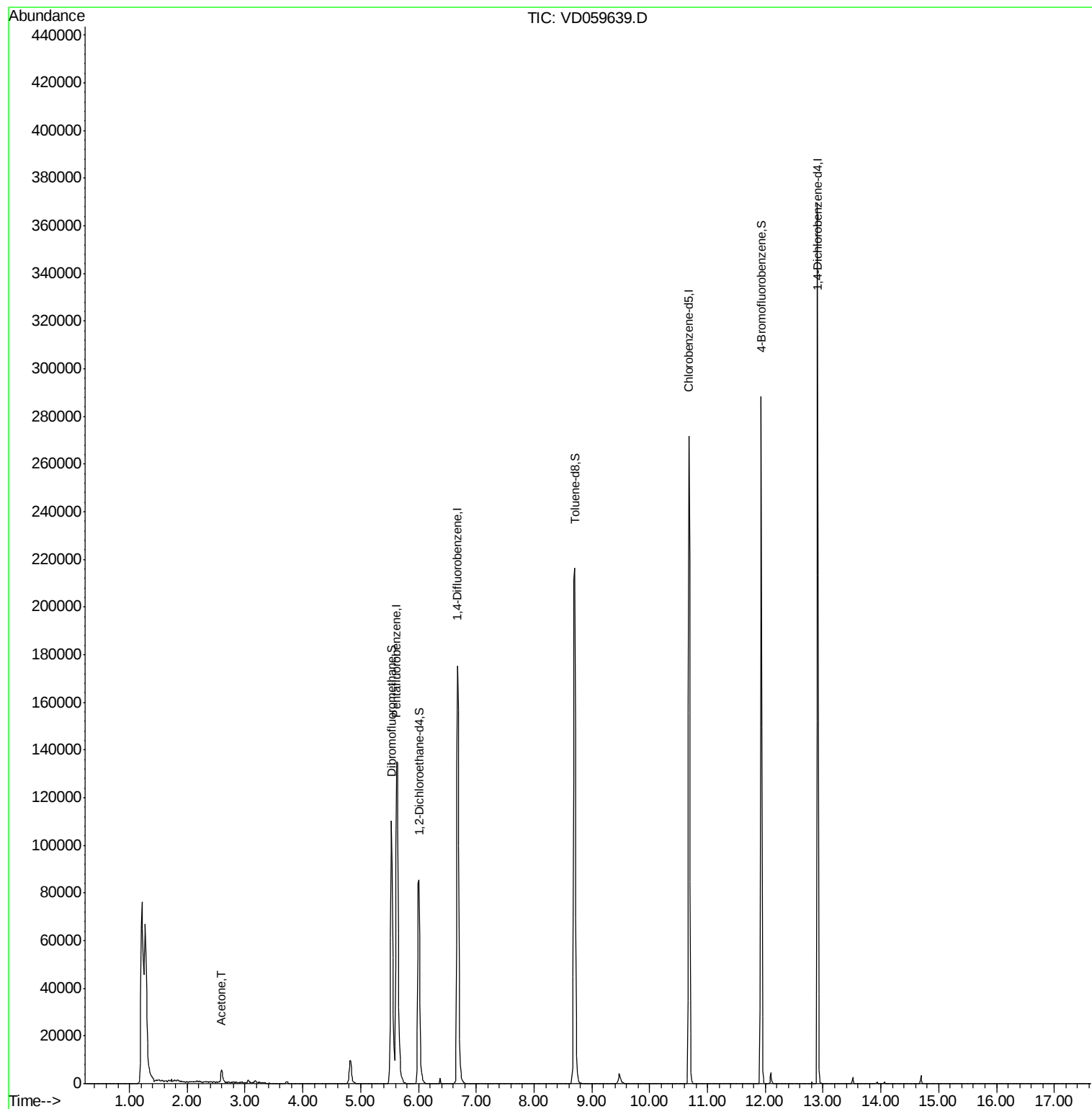
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	131275	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	6.68	114	166973	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.68	117	133965	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	70927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	101378	61.43	ug/l	0.03
Spiked Amount 50.000			Recovery	=	122.86%	
35) Dibromofluoromethane	5.54	113	87968	61.42	ug/l	0.03
Spiked Amount 50.000			Recovery	=	122.84%	
50) Toluene-d8	8.70	98	178052	54.80	ug/l	0.03
Spiked Amount 50.000			Recovery	=	109.60%	
62) 4-Bromofluorobenzene	11.93	95	77344	52.85	ug/l	0.02
Spiked Amount 50.000			Recovery	=	105.70%	
Target Compounds						
16) Acetone	2.59	43	9170	36.79	ug/l #	Qvalue 90

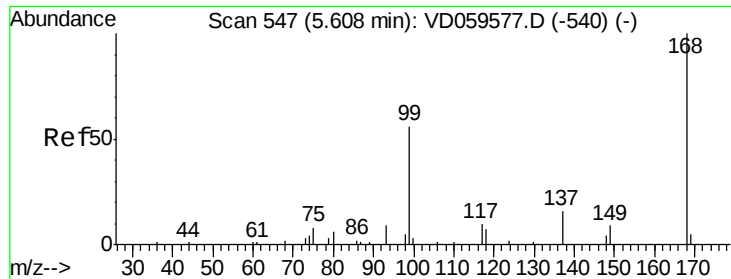
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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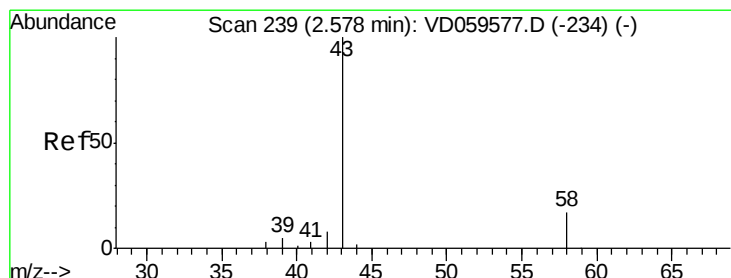
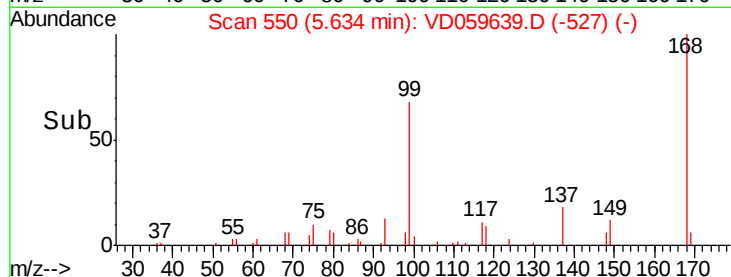
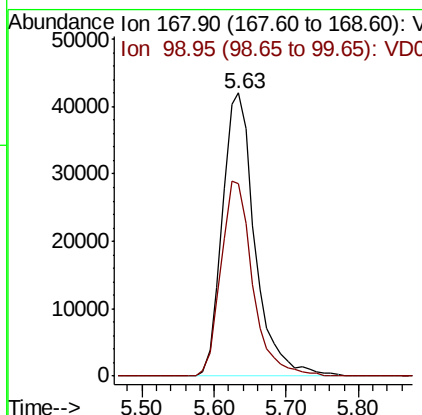
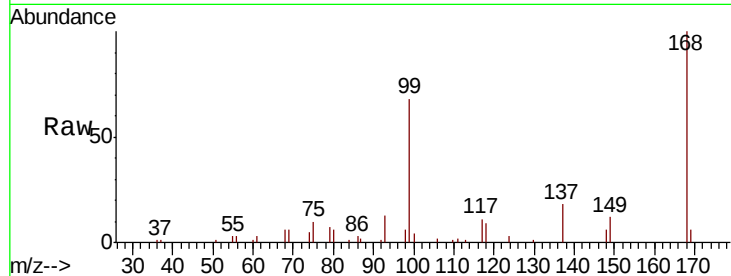




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.03 min
Lab File: VD059639.D
Acq: 31 Jul 2018 1:01

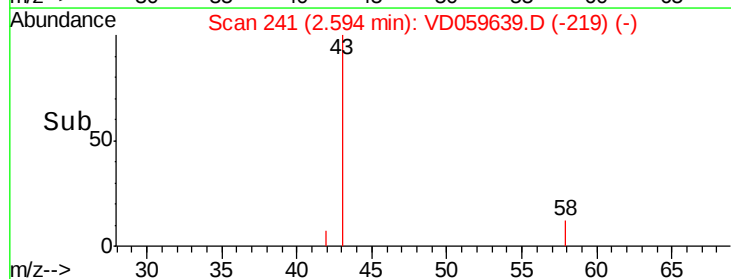
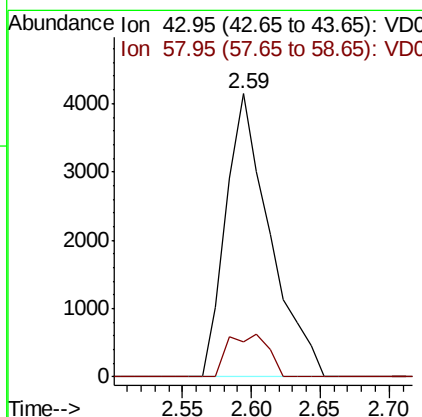
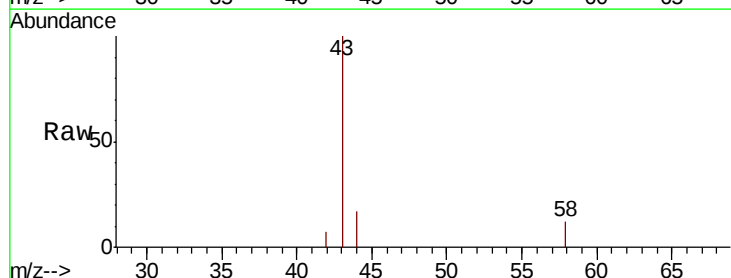
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-001-D

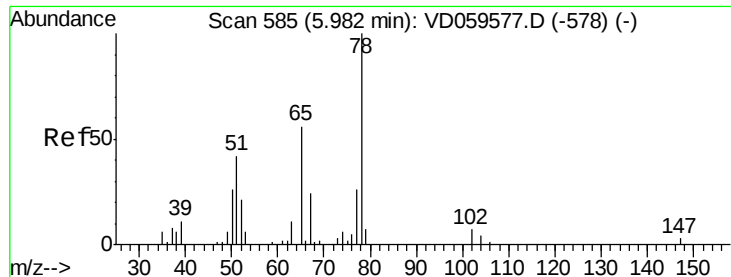
Tot Ion:168 Resp: 131275
Ion Ratio Lower Upper
168 100
99 68.0 47.3 70.9



#16
Acetone
Concen: 36.79 ug/l
RT: 2.59 min Scan# 241
Delta R.T. 0.02 min
Lab File: VD059639.D
Acq: 31 Jul 2018 1:01

Tgt Ion: 43 Resp: 9170
Ion Ratio Lower Upper
43 100
58 12.4 13.4 20.0#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 588

Delta R.T. 0.03 min

Lab File: VD059639.D

Acq: 31 Jul 2018 1:01

Instrument :

MSVOA_D

ClientSampleId :

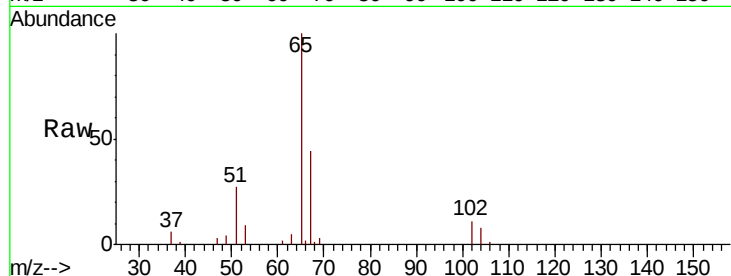
FK-BPM-03-001-D

Tot Ion: 65 Resp: 101378

Ion Ratio Lower Upper

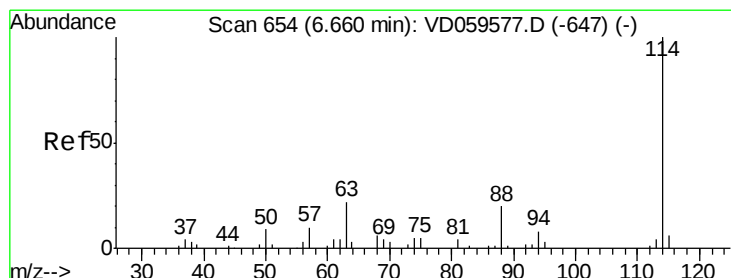
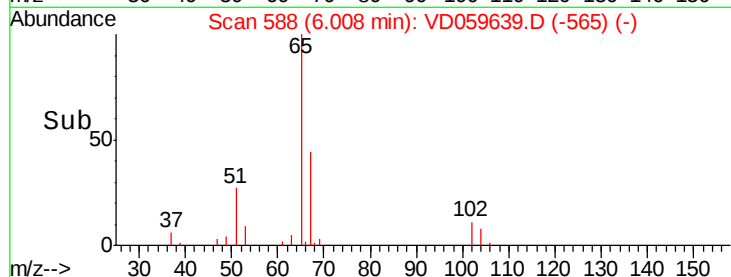
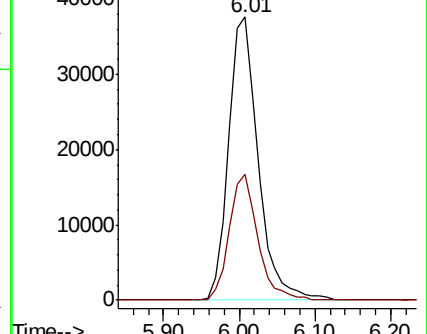
65 100

67 44.3 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.68 min Scan# 656

Delta R.T. 0.02 min

Lab File: VD059639.D

Acq: 31 Jul 2018 1:01

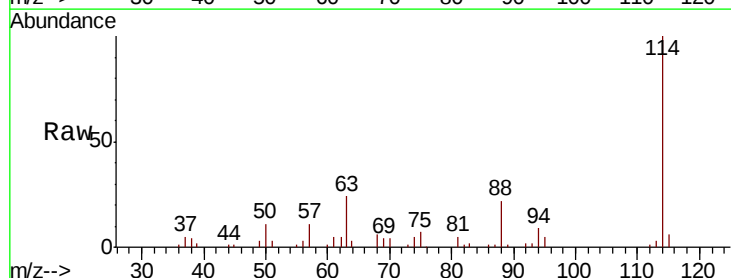
Tgt Ion: 114 Resp: 166973

Ion Ratio Lower Upper

114 100

63 24.1 0.0 43.8

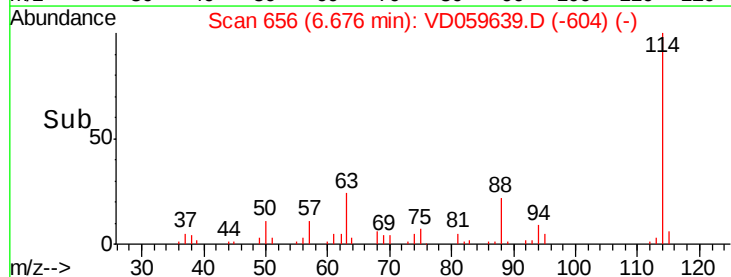
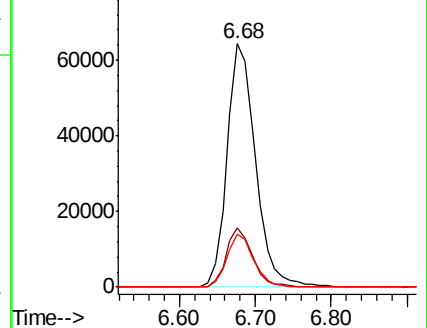
88 21.9 0.0 39.0

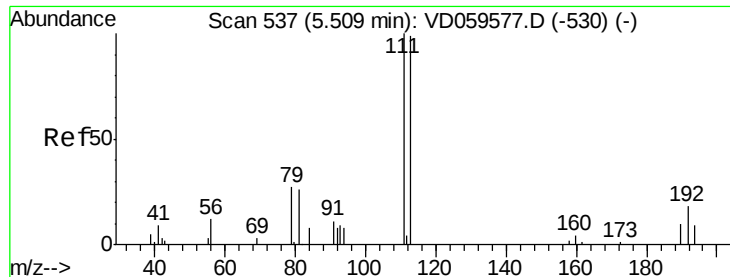


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

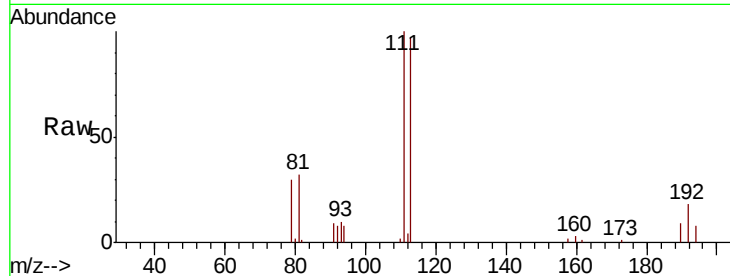




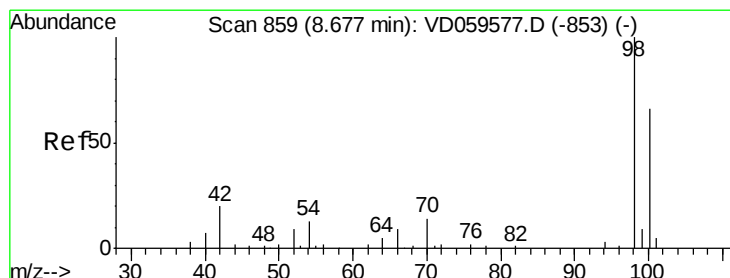
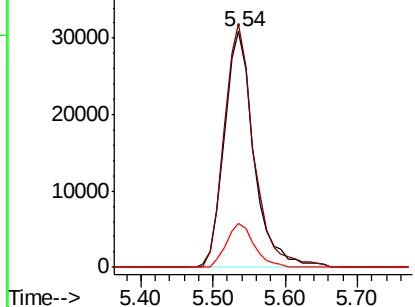
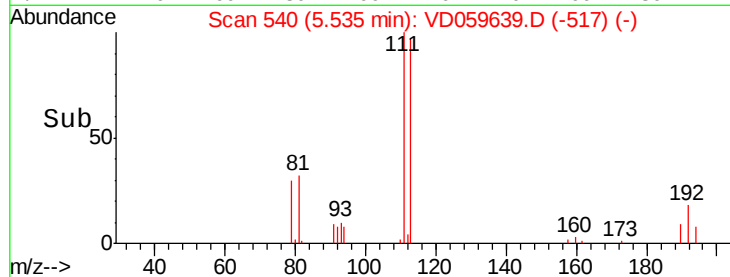
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. 0.03 min
 Lab File: VD059639.D
 Acq: 31 Jul 2018 1:01

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

Tot Ion:113 Resp: 87968
 Ion Ratio Lower Upper
 113 100
 111 103.2 80.5 120.7
 192 18.8 14.5 21.7

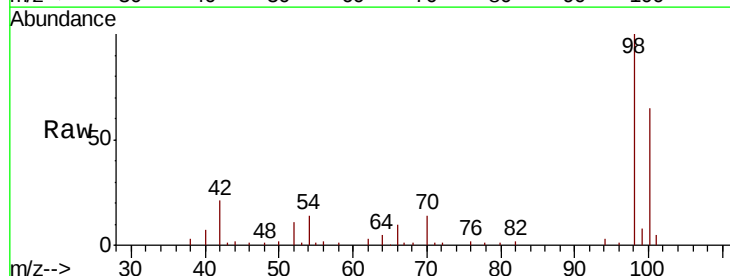


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

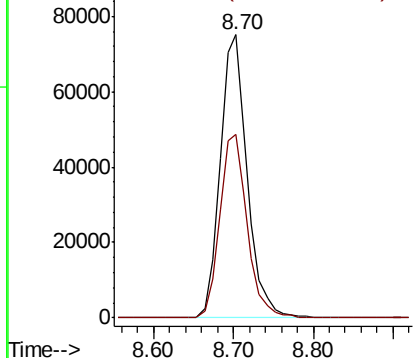
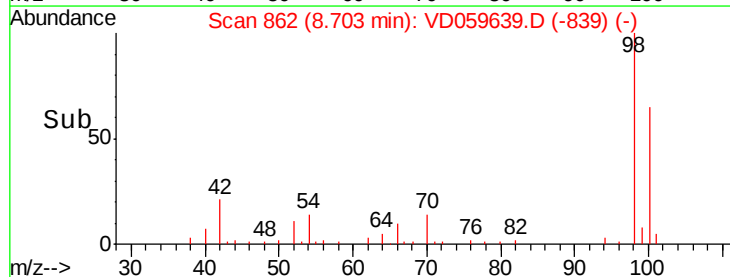


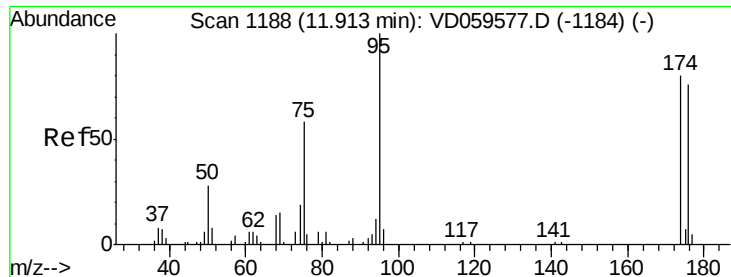
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.70 min Scan# 862
 Delta R.T. 0.03 min
 Lab File: VD059639.D
 Acq: 31 Jul 2018 1:01

Tgt Ion: 98 Resp: 178052
 Ion Ratio Lower Upper
 98 100
 100 64.7 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
 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. 0.02 min

Lab File: VD059639.D

Acq: 31 Jul 2018 1:01

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-03-001-D

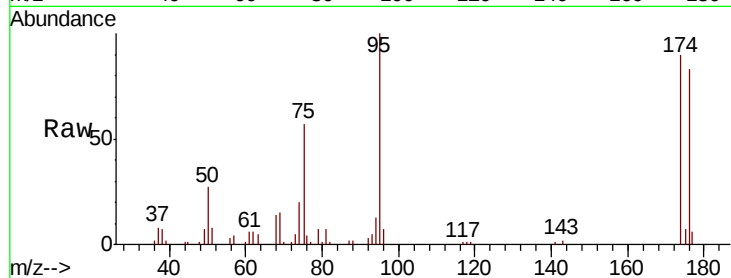
Tot Ion: 95 Resp: 77344

Ion Ratio Lower Upper

95 100

174 90.2 0.0 160.6

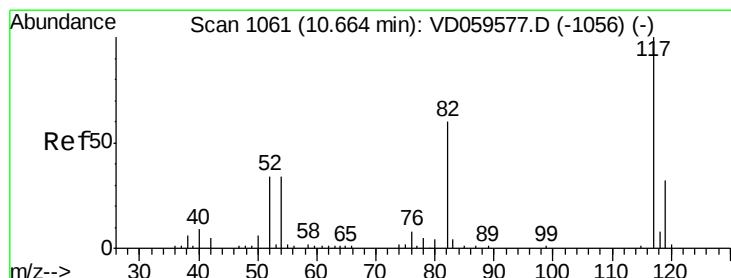
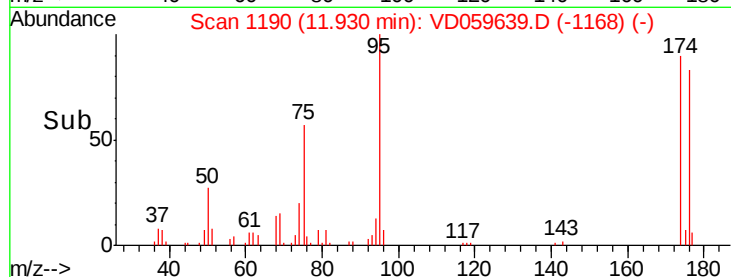
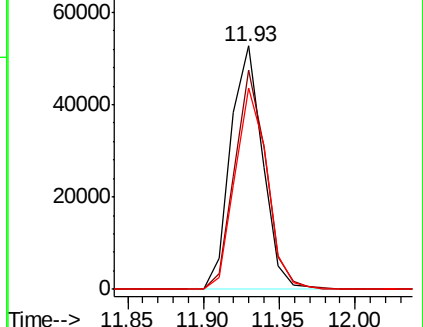
176 82.7 0.0 152.8



Abundance Ion 95.00 (94.70 to 95.70): V

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. 0.02 min

Lab File: VD059639.D

Acq: 31 Jul 2018 1:01

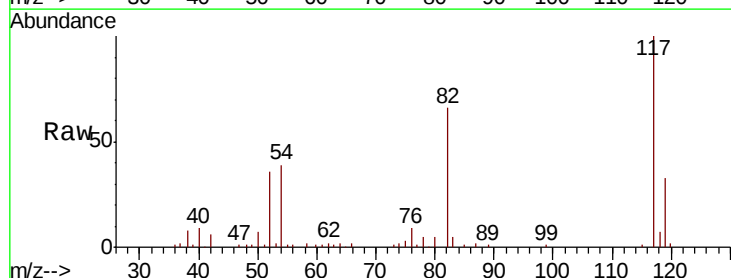
Tgt Ion: 117 Resp: 133965

Ion Ratio Lower Upper

117 100

82 65.9 48.2 72.2

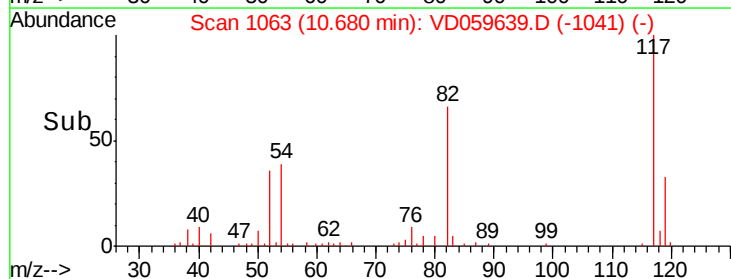
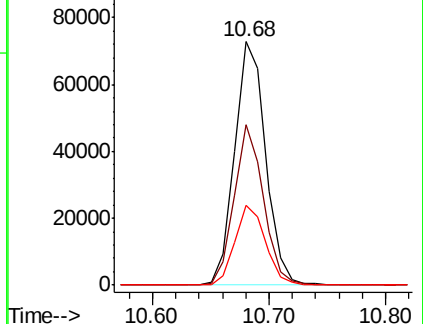
119 32.9 25.4 38.2

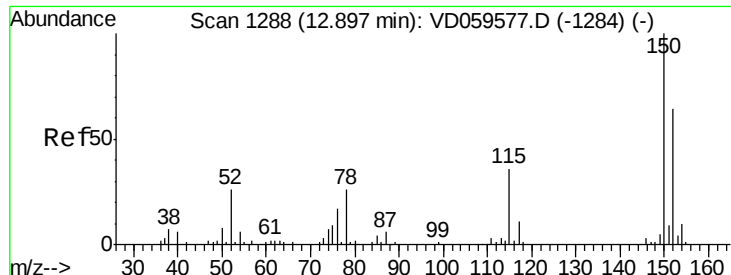


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.90 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: VD059639.D
 Acq: 31 Jul 2018 1:01

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

Tot Ion:152 Resp: 70927
 Ion Ratio Lower Upper
 152 100
 115 60.4 29.5 88.6
 150 156.6 0.0 314.4

