

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059638.D
 Acq On : 31 Jul 2018 00:32
 Operator : VA/AP
 Sample : J4192-06
 Misc : 10.05g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jul 31 07:14:29 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	32434	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	6.68	114	55204	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.68	117	53617	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	29138	50.00	ug/l	0.00

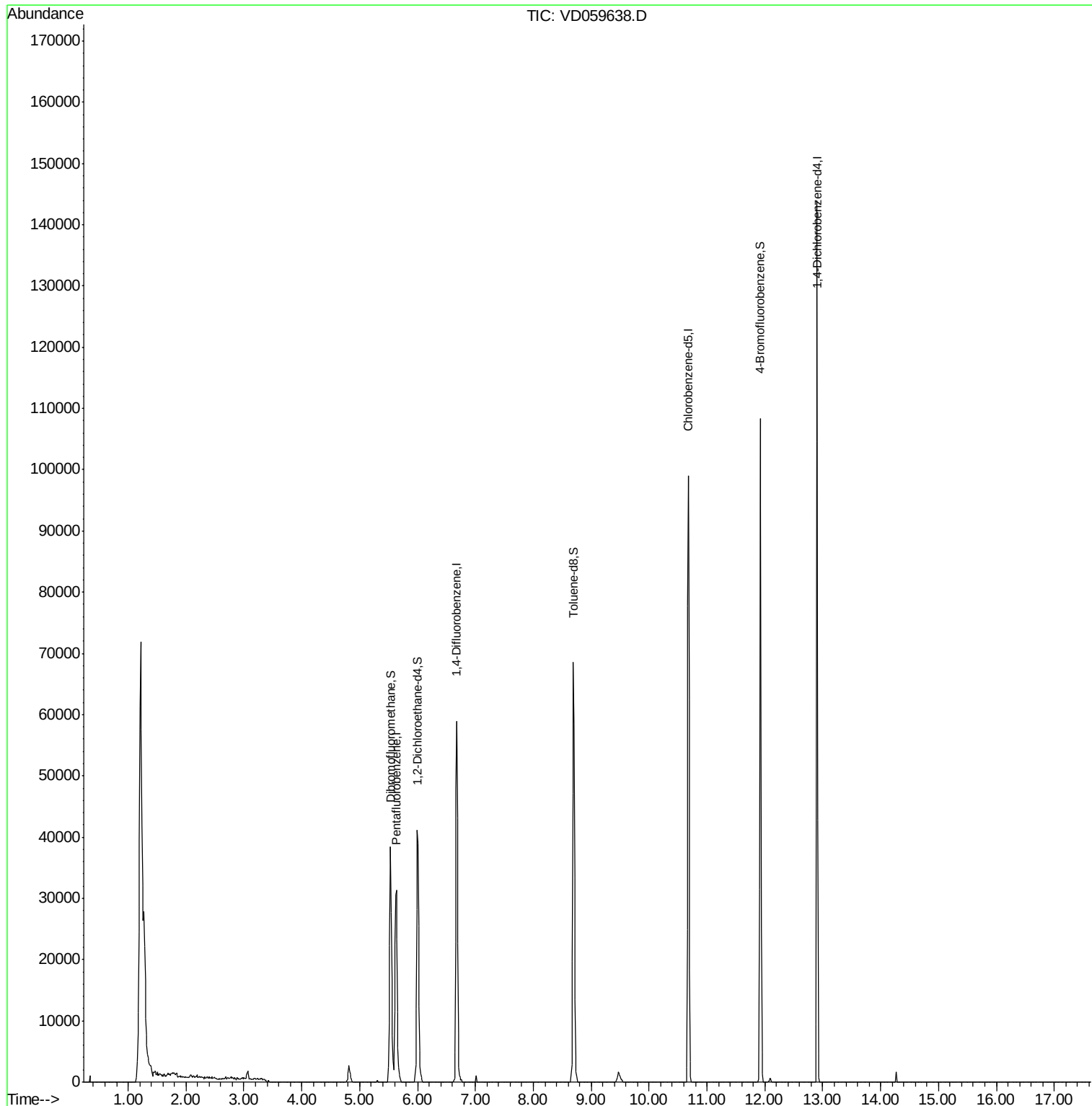
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	46397	113.79	ug/l	0.02
Spiked Amount	50.000		Recovery	=	227.58%	
35) Dibromofluoromethane	5.53	113	30973	65.41	ug/l	0.03
Spiked Amount	50.000		Recovery	=	130.82%	
50) Toluene-d8	8.69	98	56644	52.73	ug/l	0.02
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	11.92	95	31958	66.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.10%	

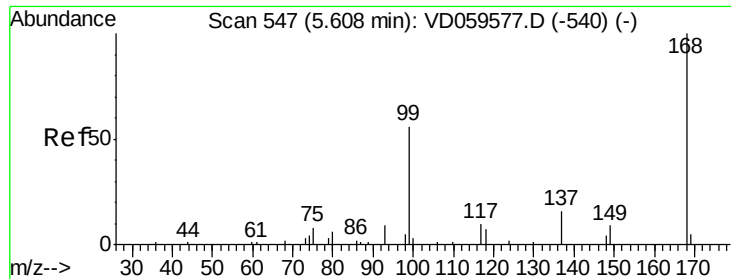
Target Compounds	Qvalue

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

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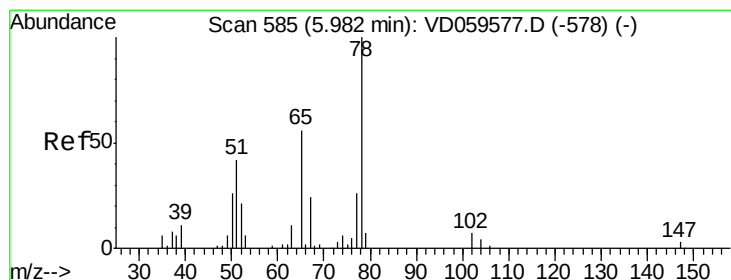
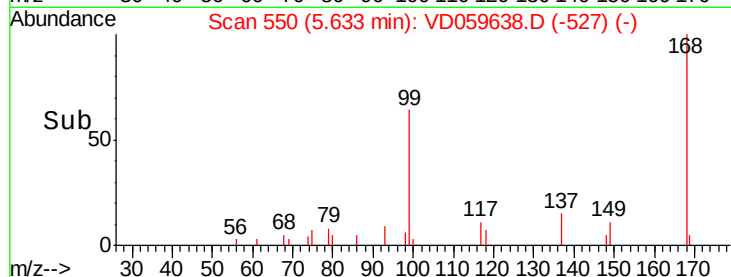
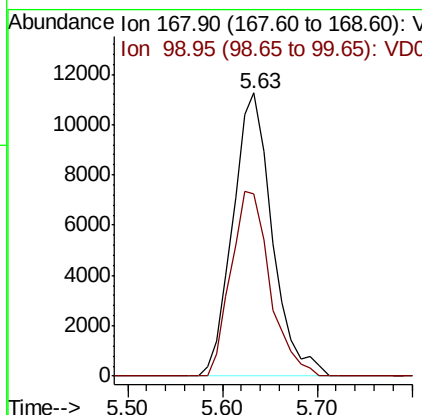
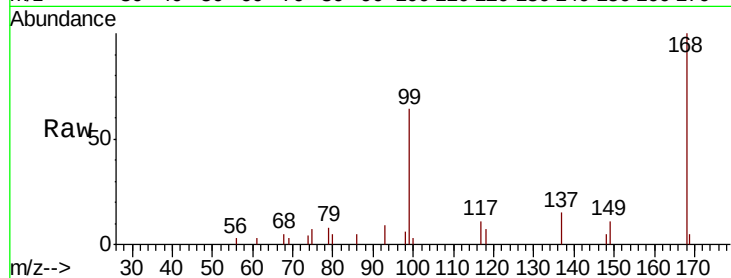




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.03 min
Lab File: VD059638.D
Acq: 31 Jul 2018 00:32

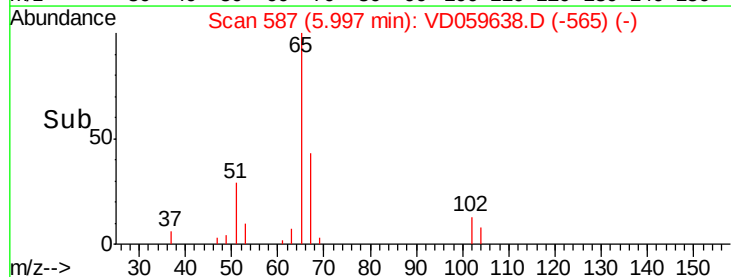
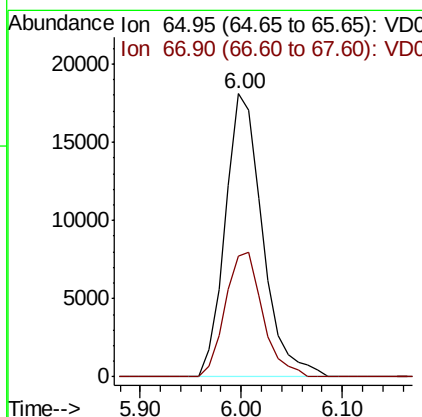
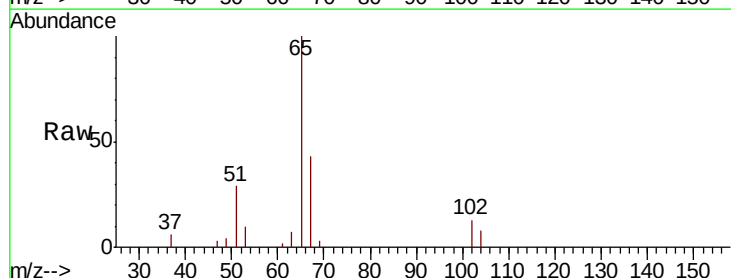
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-001-C

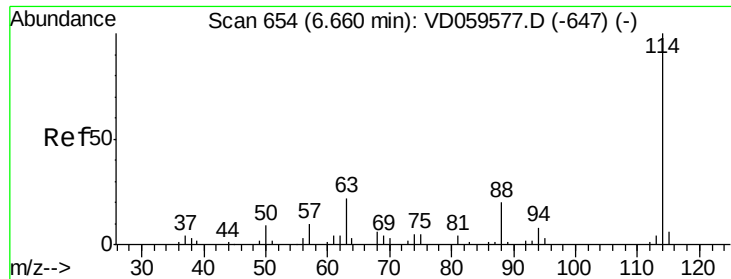
Tot Ion:168 Resp: 32434
Ion Ratio Lower Upper
168 100
99 64.4 47.3 70.9



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. 0.02 min
Lab File: VD059638.D
Acq: 31 Jul 2018 00:32

Tgt Ion: 65 Resp: 46397
Ion Ratio Lower Upper
65 100
67 42.7 0.0 86.4

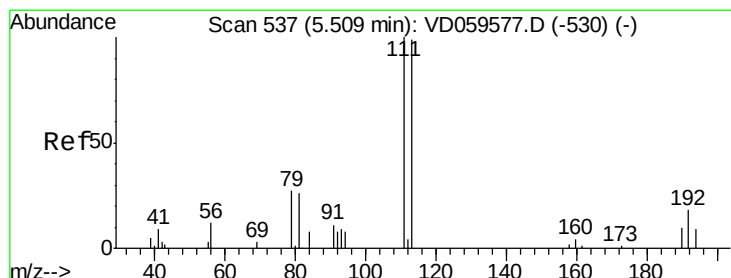
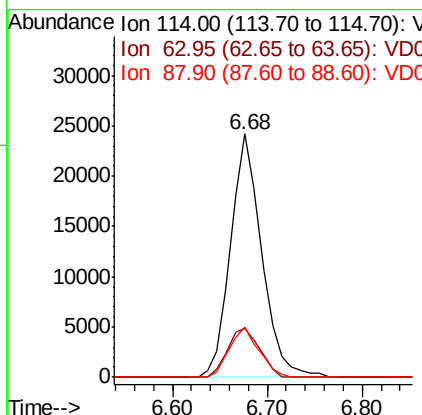
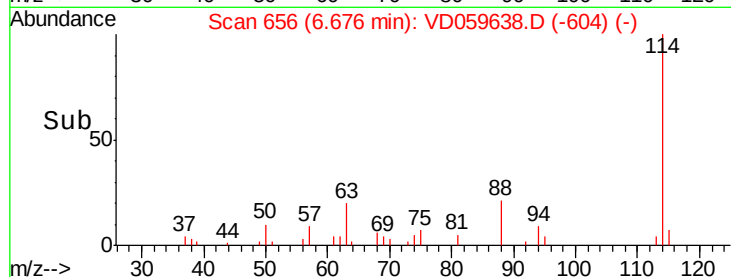
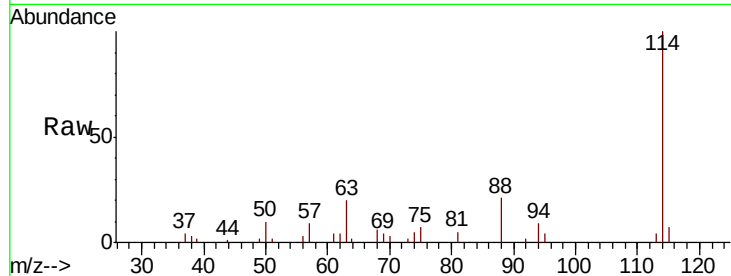




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. 0.02 min
 Lab File: VD059638.D
 Acq: 31 Jul 2018 00:32

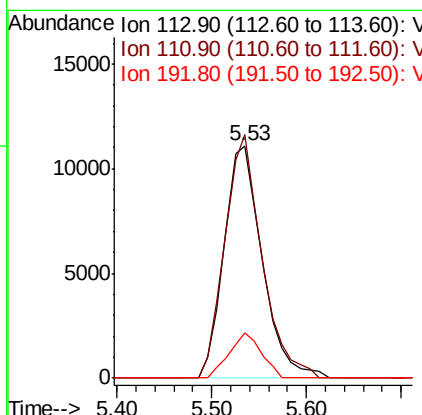
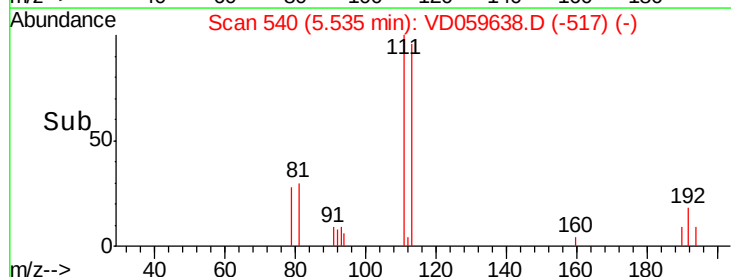
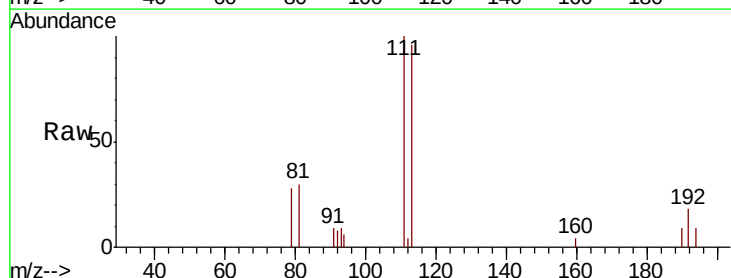
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-001-C

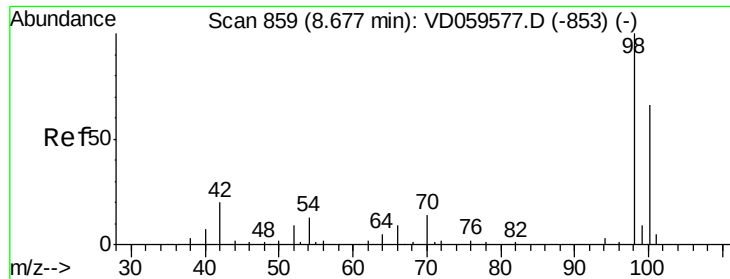
Tot Ion:114 Resp: 55204
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 43.8
 88 20.7 0.0 39.0



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.53 min Scan# 540
 Delta R.T. 0.03 min
 Lab File: VD059638.D
 Acq: 31 Jul 2018 00:32

Tgt Ion:113 Resp: 30973
 Ion Ratio Lower Upper
 113 100
 111 104.7 80.5 120.7
 192 19.2 14.5 21.7

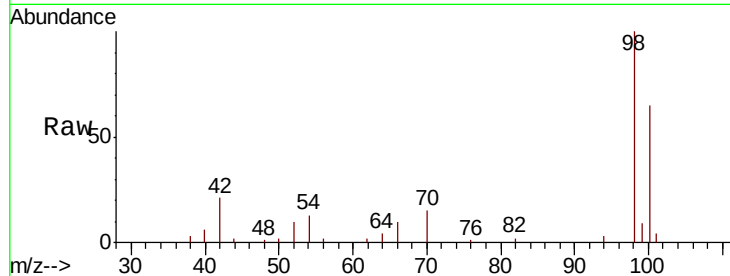




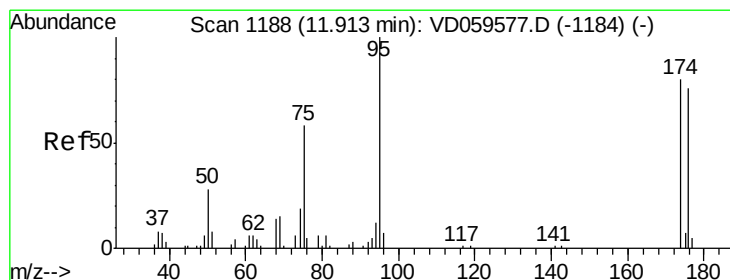
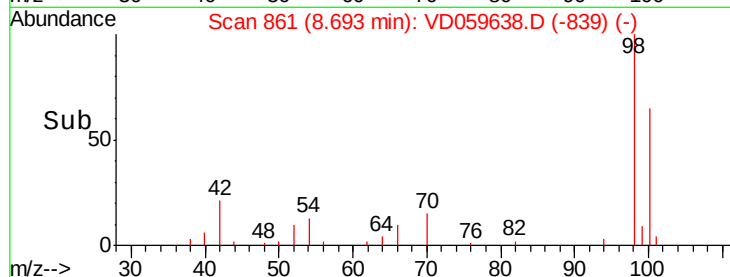
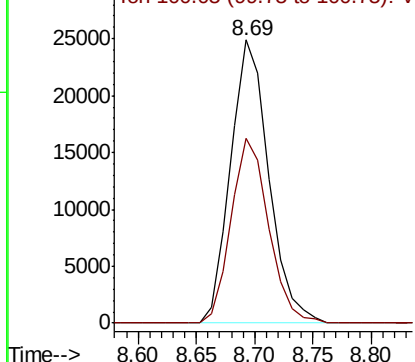
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.02 min
Lab File: VD059638.D
Acq: 31 Jul 2018 00:32

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

Tot Ion: 98 Resp: 56644
Ion Ratio Lower Upper
98 100
100 65.2 53.2 79.8

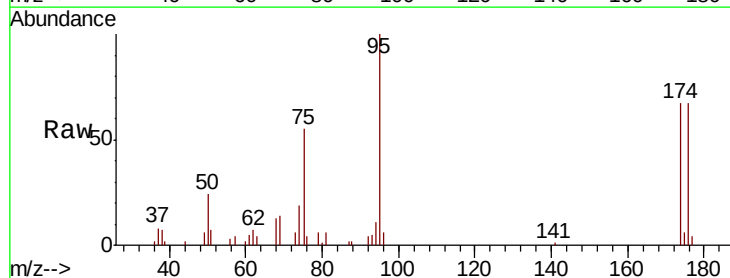


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

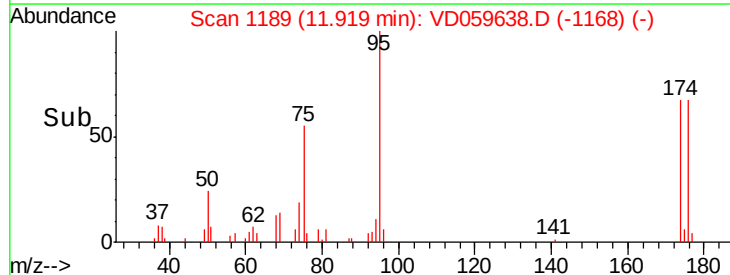
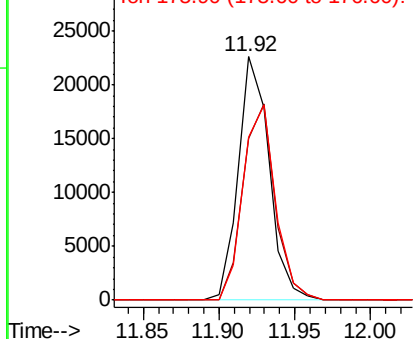


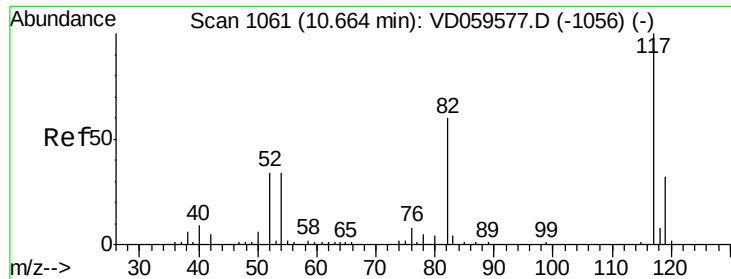
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD059638.D
Acq: 31 Jul 2018 00:32

Tgt Ion: 95 Resp: 31958
Ion Ratio Lower Upper
95 100
174 66.6 0.0 160.6
176 66.8 0.0 152.8



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

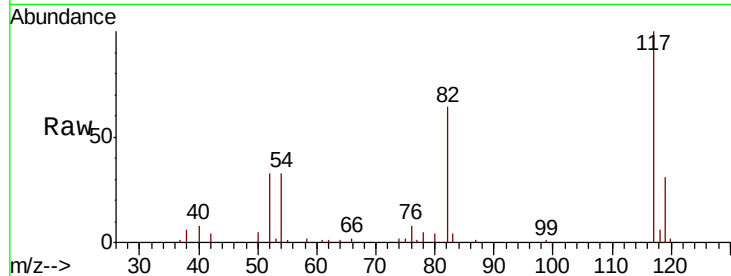




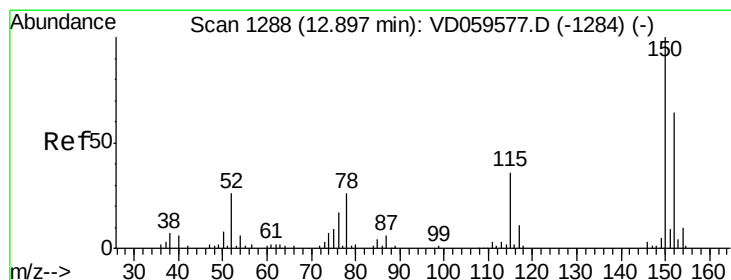
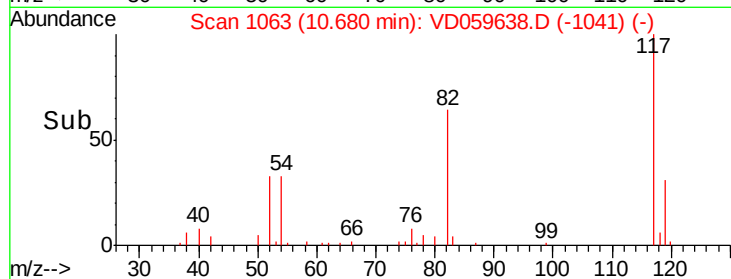
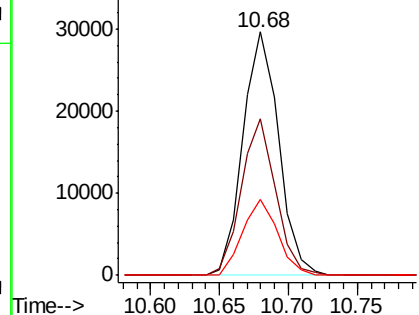
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.02 min
Lab File: VD059638.D
Acq: 31 Jul 2018 00:32

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

Tot Ion:117 Resp: 53617
Ion Ratio Lower Upper
117 100
82 64.2 48.2 72.2
119 31.1 25.4 38.2

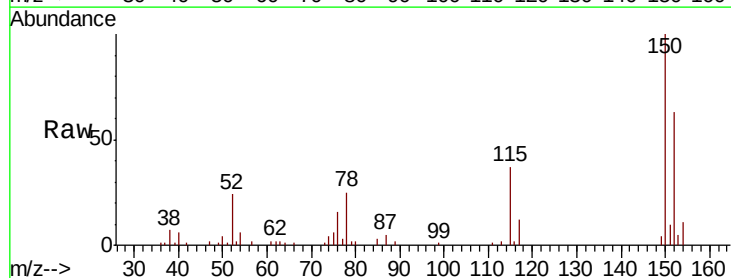


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VD059638.D
Acq: 31 Jul 2018 00:32

Tgt Ion:152 Resp: 29138
Ion Ratio Lower Upper
152 100
115 58.9 29.5 88.6
150 159.4 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

