

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081418\
 Data File : VD059777.D
 Acq On : 14 Aug 2018 20:08
 Operator : VA/AP
 Sample : J4447-36
 Misc : 5.73g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-10

Quant Time: Aug 15 11:31:08 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	4591	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.69	114	8553	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.69	117	9068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	4528	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	6070	84.47	ug/l	0.01
Spiked Amount 50.000			Recovery	=	168.94%	
35) Dibromofluoromethane	5.54	113	3955	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	
50) Toluene-d8	8.71	98	8517	48.76	ug/l	0.01
Spiked Amount 50.000			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	11.93	95	4033	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	

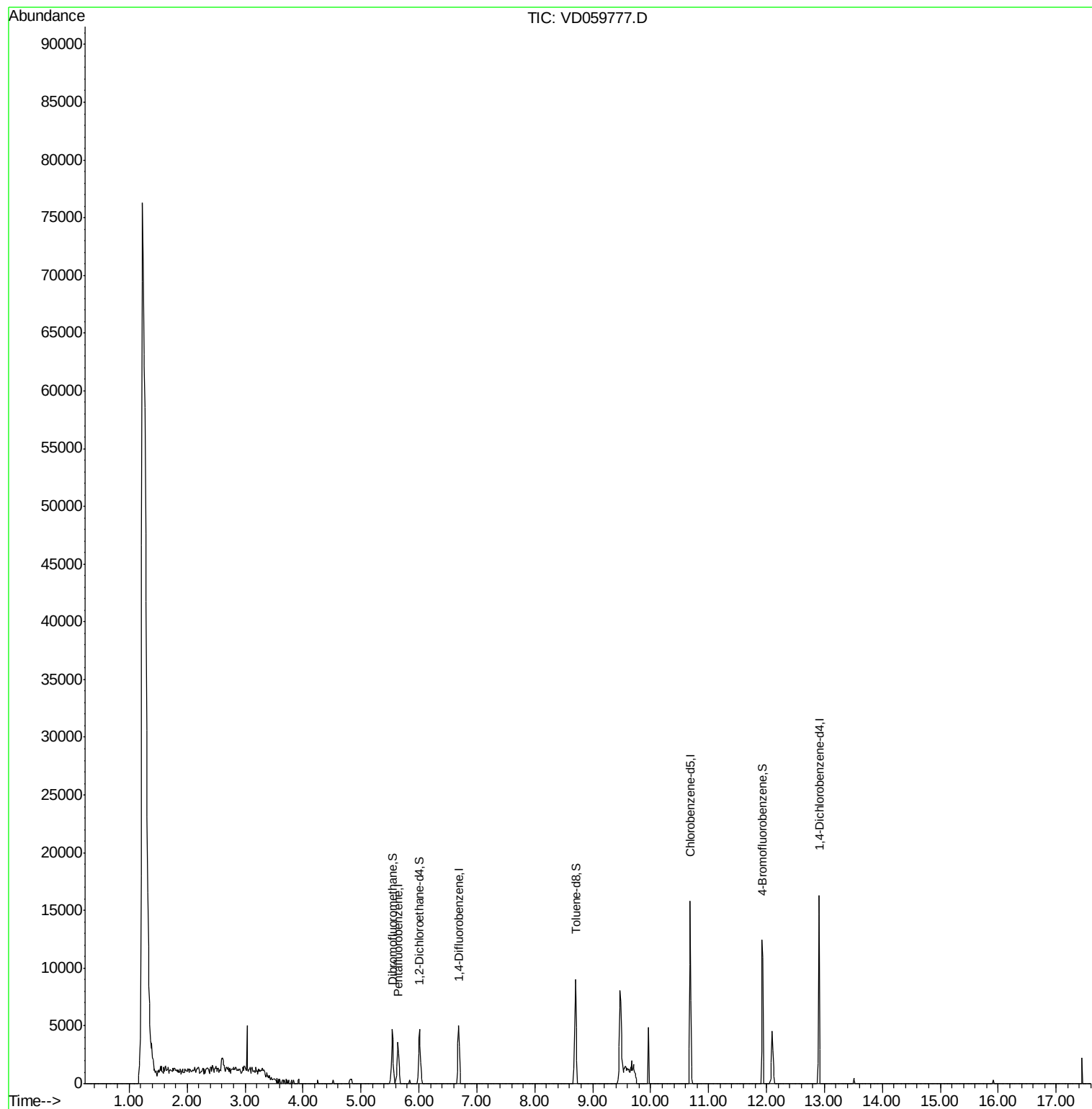
Target Compounds Qvalue

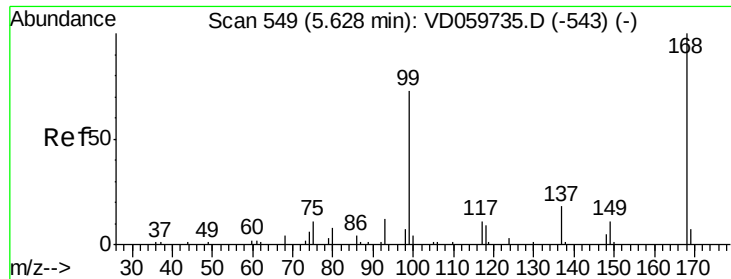
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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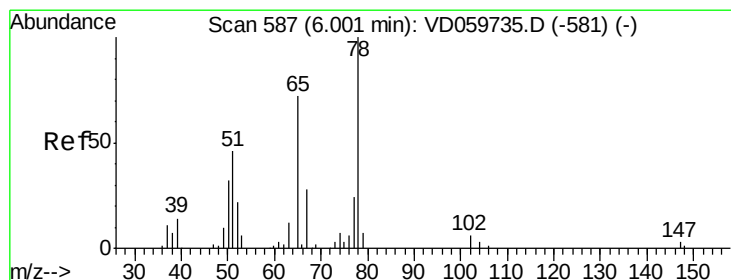
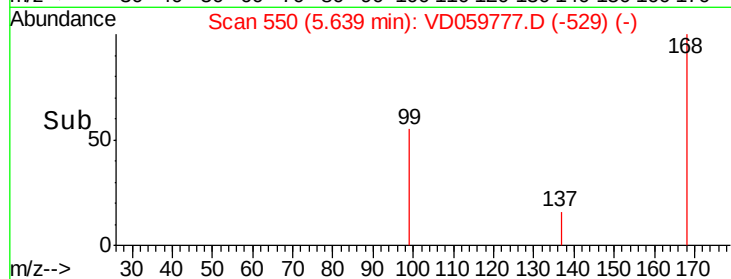
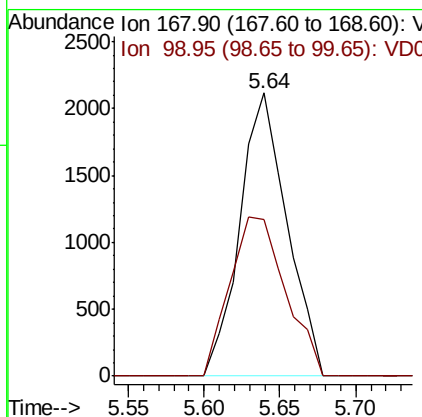
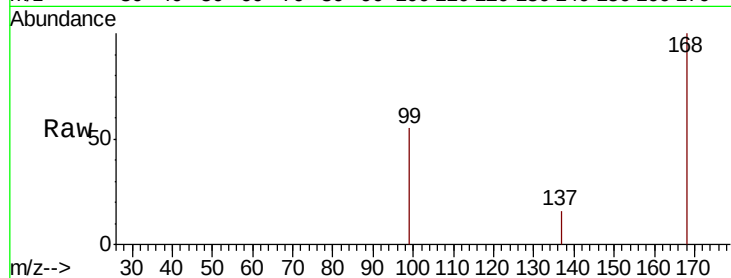




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.64 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059777.D
Acq: 14 Aug 2018 20:08

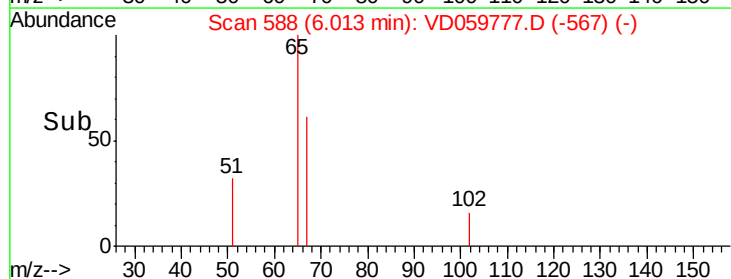
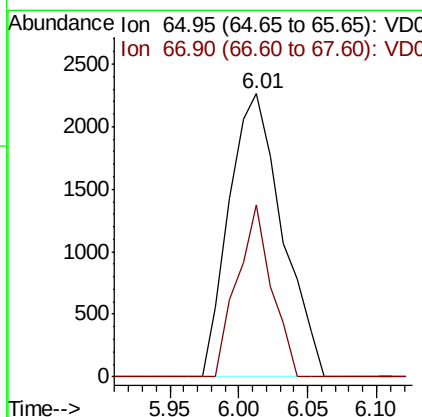
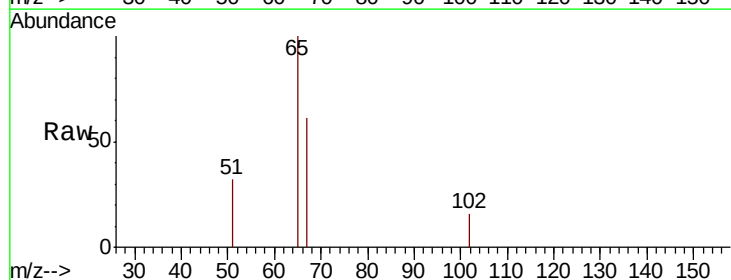
Instrument :
MSVOA_D
ClientSampleId :
SP-1-10

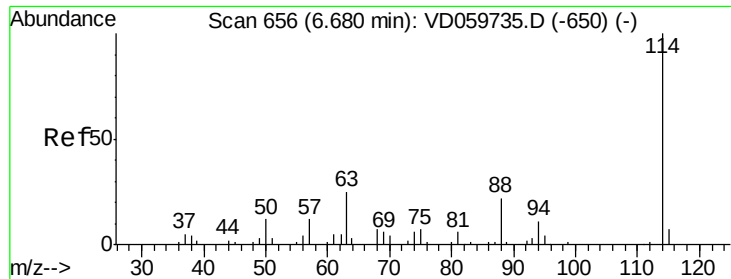
Tot Ion:168 Resp: 4591
Ion Ratio Lower Upper
168 100
99 55.4 61.4 92.2#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. 0.01 min
Lab File: VD059777.D
Acq: 14 Aug 2018 20:08

Tgt Ion: 65 Resp: 6070
Ion Ratio Lower Upper
65 100
67 60.7 0.0 77.4

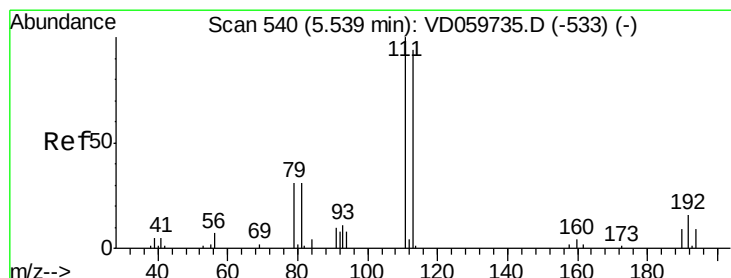
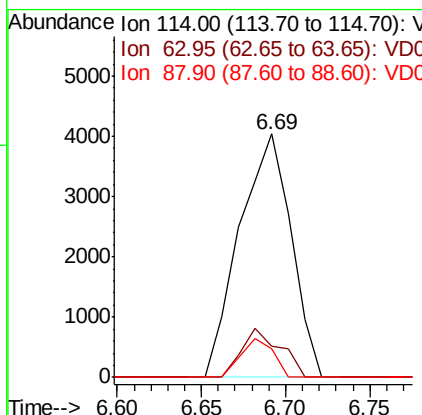
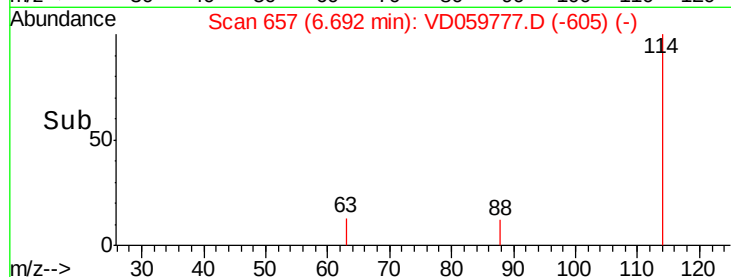
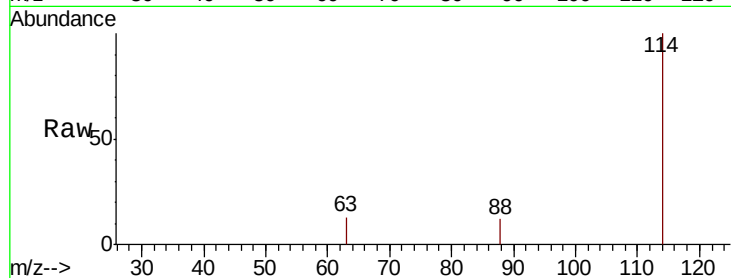




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059777.D
 Acq: 14 Aug 2018 20:08

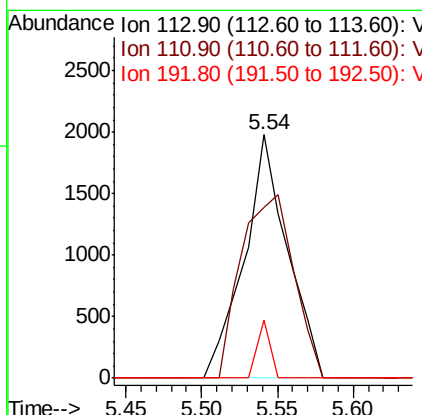
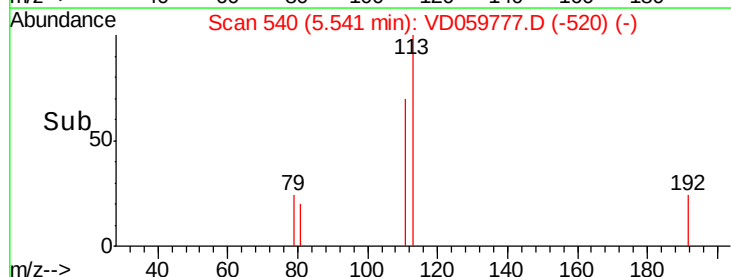
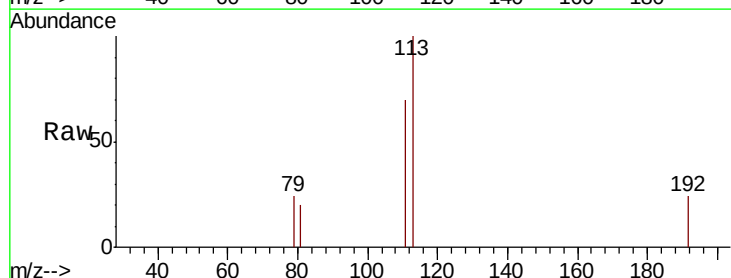
Instrument :
 MSVOA_D
 ClientSampled :
 SP-1-10

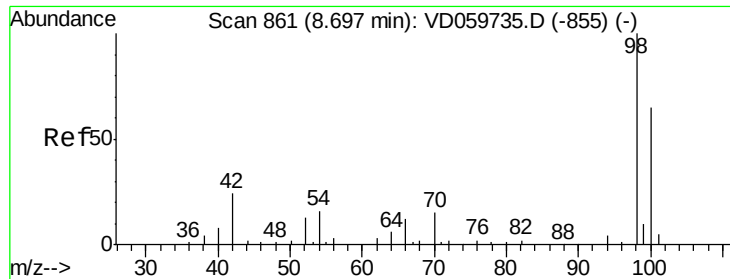
Tot Ion:114 Resp: 8553
 Ion Ratio Lower Upper
 114 100
 63 12.7 0.0 50.6
 88 11.9 0.0 43.4



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: VD059777.D
 Acq: 14 Aug 2018 20:08

Tgt Ion:113 Resp: 3955
 Ion Ratio Lower Upper
 113 100
 111 70.3 85.3 127.9#
 192 24.0 13.9 20.9#

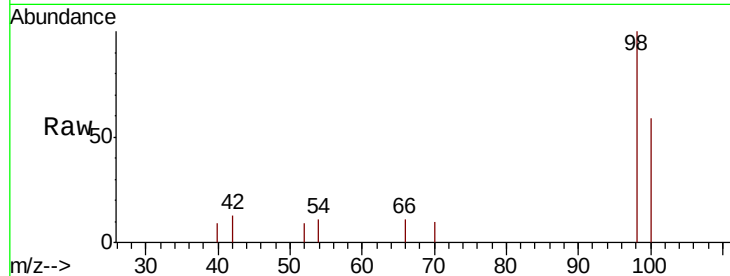




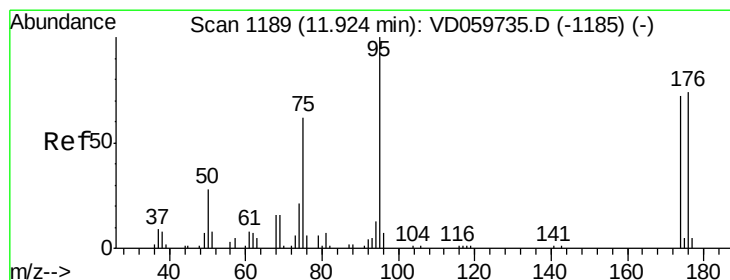
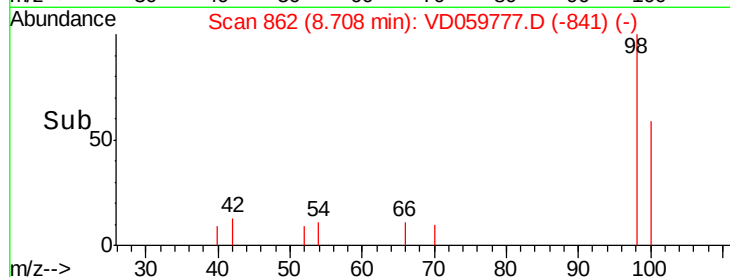
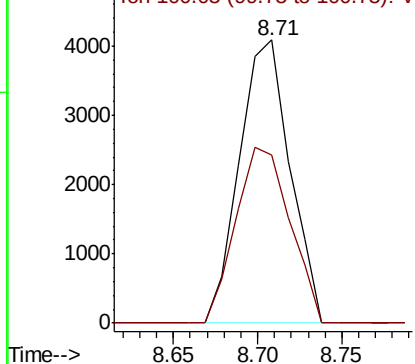
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.01 min
Lab File: VD059777.D
Acq: 14 Aug 2018 20:08

Instrument :
MSVOA_D
ClientSampleId :
SP-1-10

Tot Ion: 98 Resp: 8517
Ion Ratio Lower Upper
98 100
100 59.2 52.2 78.2

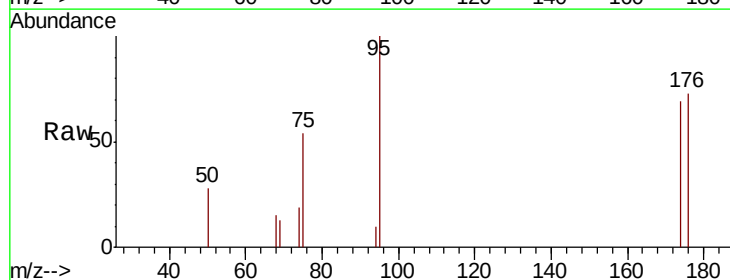


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

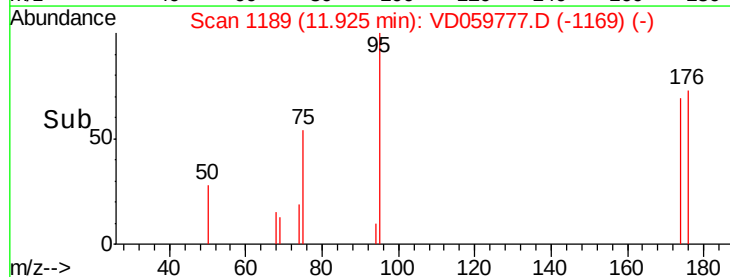
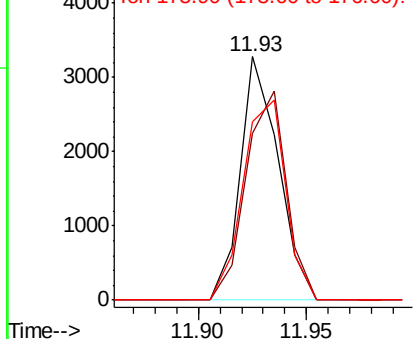


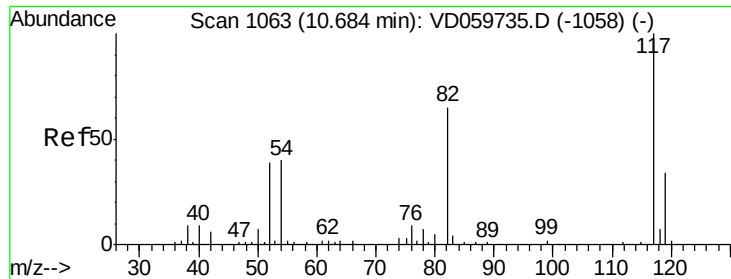
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD059777.D
Acq: 14 Aug 2018 20:08

Tgt Ion: 95 Resp: 4033
Ion Ratio Lower Upper
95 100
174 68.7 0.0 143.2
176 73.3 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

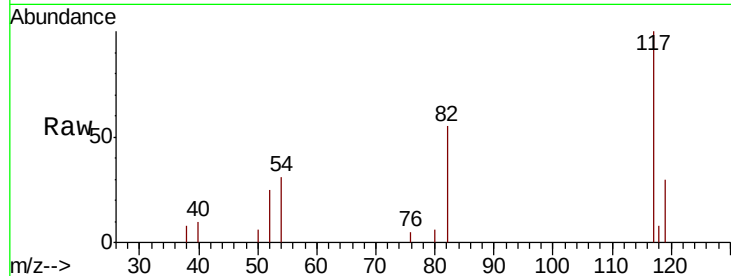




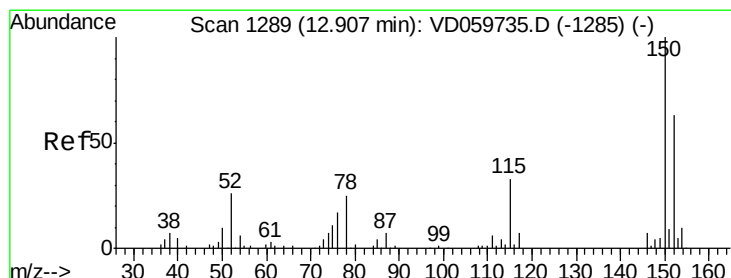
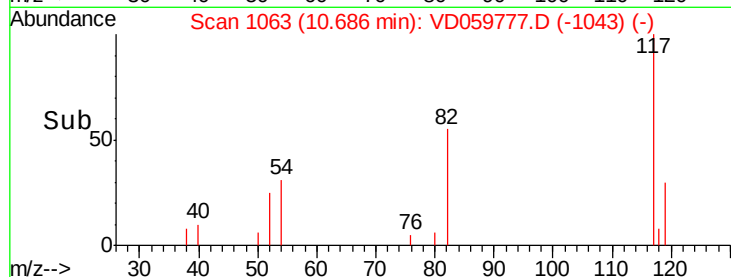
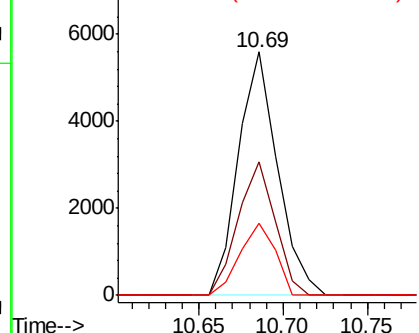
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD059777.D
Acq: 14 Aug 2018 20:08

Instrument :
MSVOA_D
ClientSampleId :
SP-1-10

Tot Ion:117 Resp: 9068
Ion Ratio Lower Upper
117 100
82 54.9 51.9 77.9
119 29.9 27.4 41.0

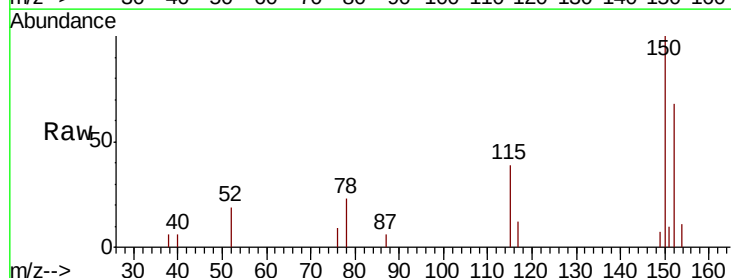


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD059777.D
Acq: 14 Aug 2018 20:08

Tgt Ion:152 Resp: 4528
Ion Ratio Lower Upper
152 100
115 57.7 29.8 89.3
150 146.6 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

