

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073118\
 Data File : VD059649.D
 Acq On : 31 Jul 2018 12:52
 Operator : VA/AP
 Sample : VD0731SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBL01

Quant Time: Jul 31 14:29:21 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	155584	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.68	114	186966	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.68	117	156690	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	85467	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	111242	56.87	ug/l	0.02
Spiked Amount	50.000		Recovery	=	113.74%	
35) Dibromofluoromethane	5.53	113	89648	55.90	ug/l	0.02
Spiked Amount	50.000		Recovery	=	111.80%	
50) Toluene-d8	8.70	98	183350	50.40	ug/l	0.02
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.92	95	88083	53.75	ug/l	0.01
Spiked Amount	50.000		Recovery	=	107.50%	

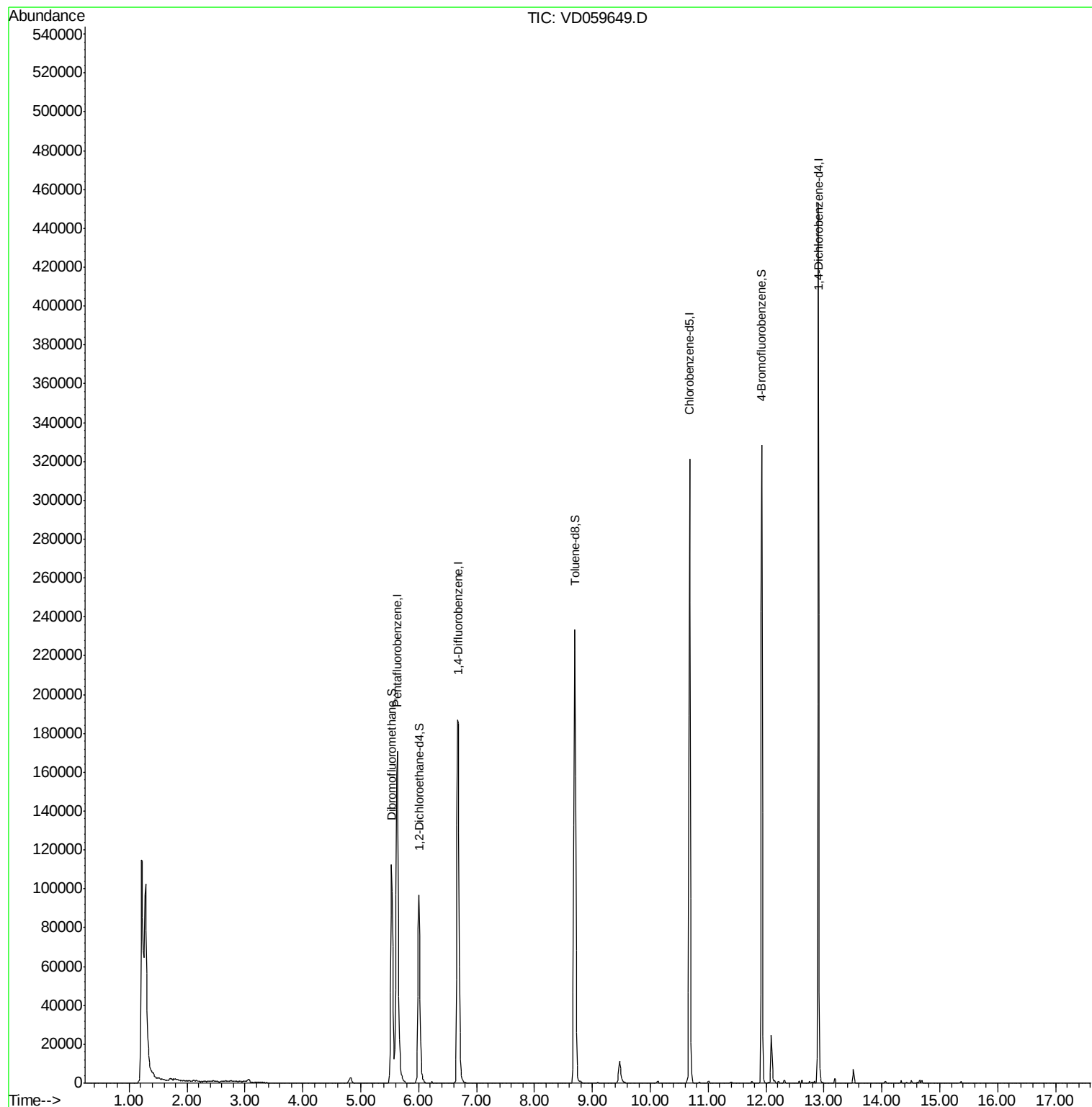
Target Compounds	Qvalue
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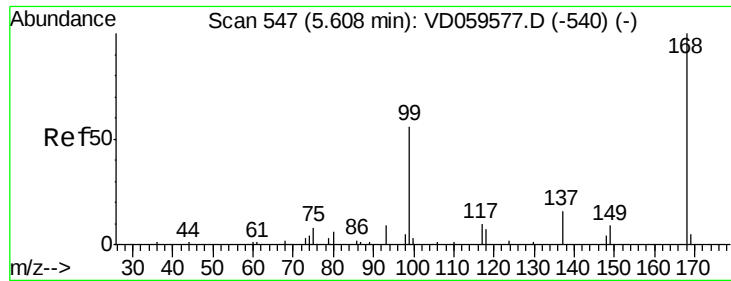
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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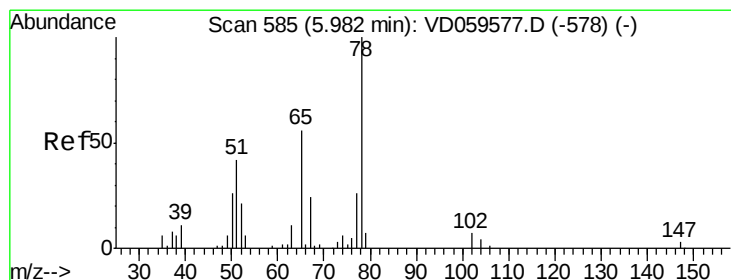
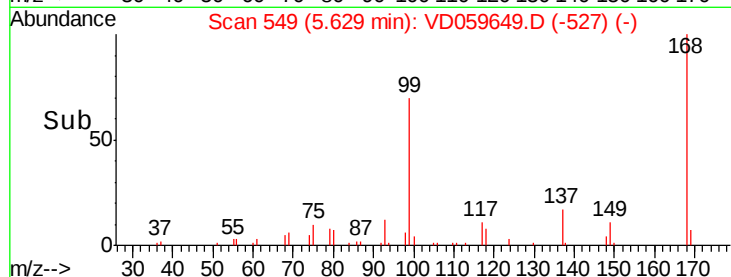
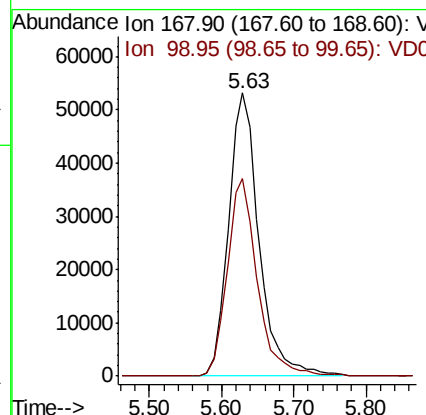
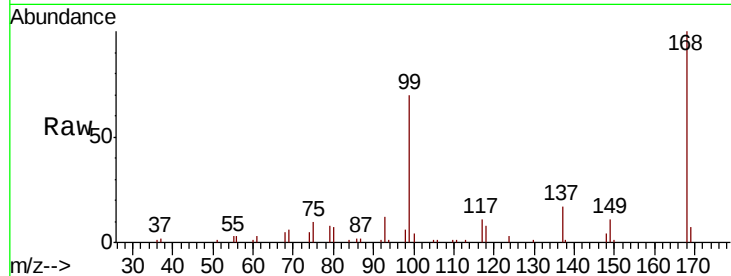




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 549
Delta R.T. 0.02 min
Lab File: VD059649.D
Acq: 31 Jul 2018 12:52

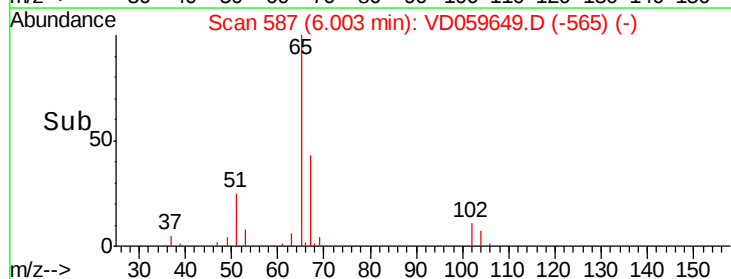
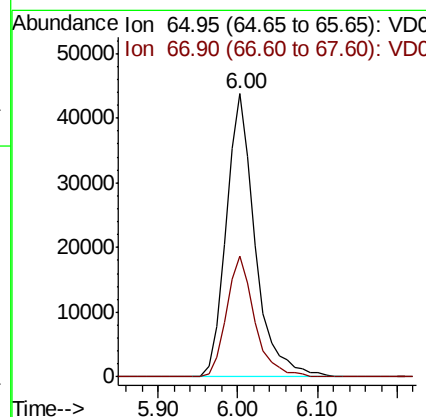
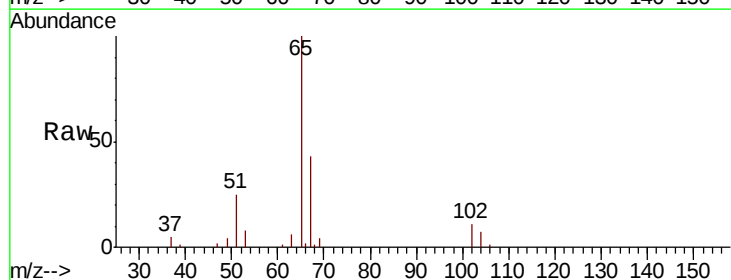
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL01

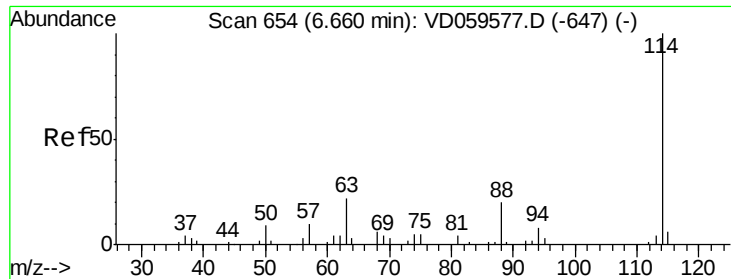
Tot Ion:168 Resp: 155584
Ion Ratio Lower Upper
168 100
99 70.0 47.3 70.9



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. 0.02 min
Lab File: VD059649.D
Acq: 31 Jul 2018 12:52

Tgt Ion: 65 Resp: 111242
Ion Ratio Lower Upper
65 100
67 42.5 0.0 86.4

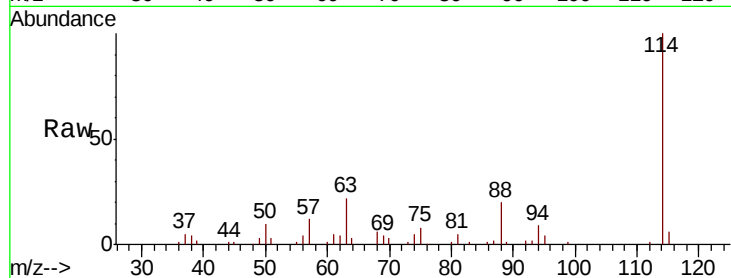




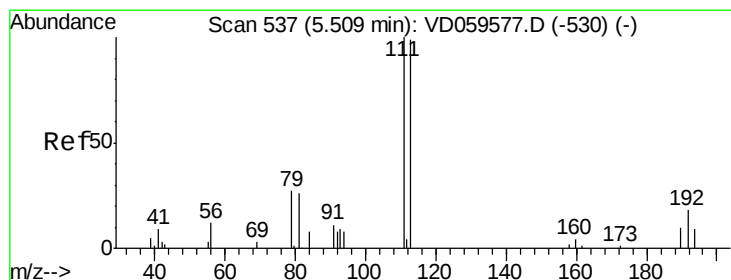
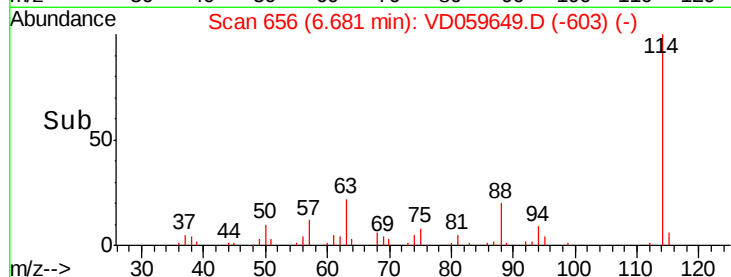
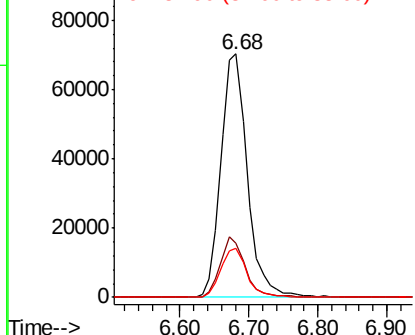
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. 0.02 min
 Lab File: VD059649.D
 Acq: 31 Jul 2018 12:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBL01

Tot Ion:114 Resp: 186966
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.8
 88 20.3 0.0 39.0

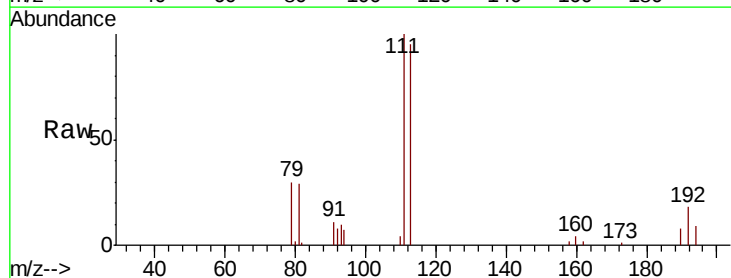


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

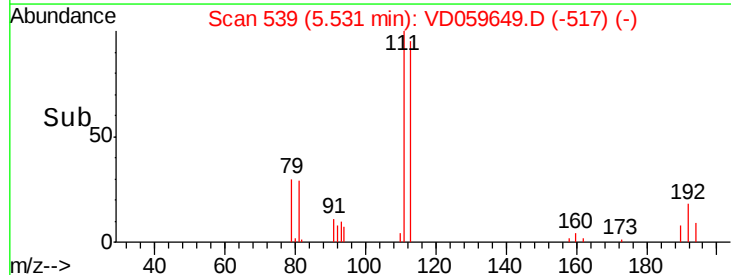
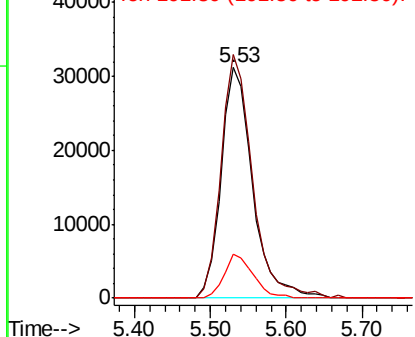


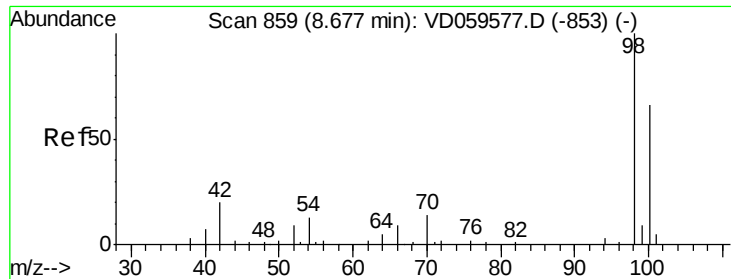
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.53 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VD059649.D
 Acq: 31 Jul 2018 12:52

Tgt Ion:113 Resp: 89648
 Ion Ratio Lower Upper
 113 100
 111 105.7 80.5 120.7
 192 19.1 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

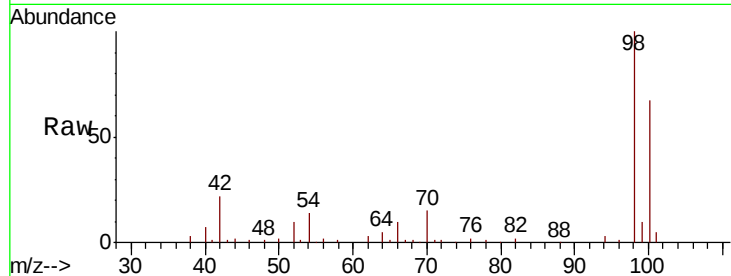




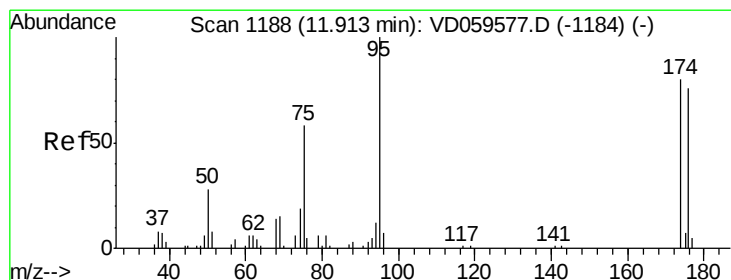
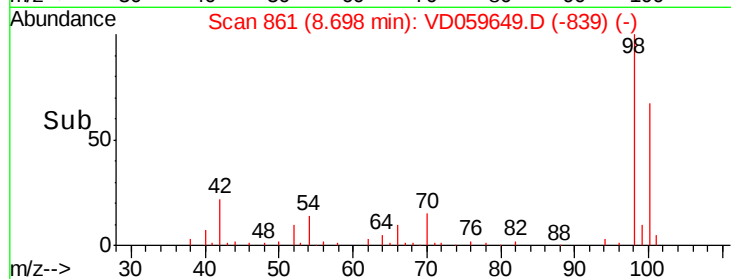
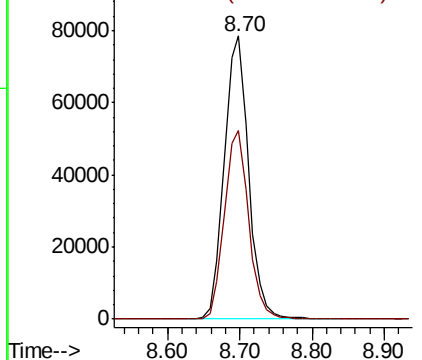
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. 0.02 min
Lab File: VD059649.D
Acq: 31 Jul 2018 12:52

Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL01

Tot Ion: 98 Resp: 183350
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8

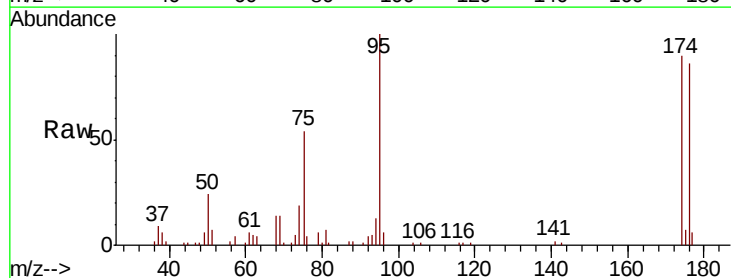


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

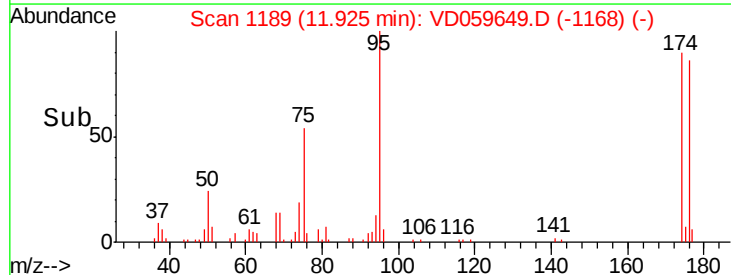
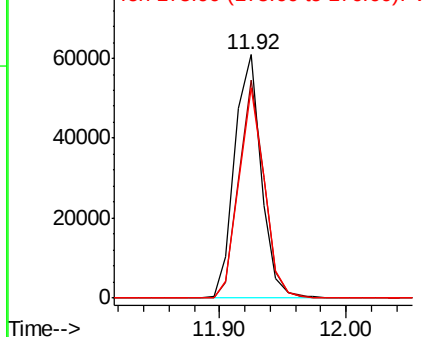


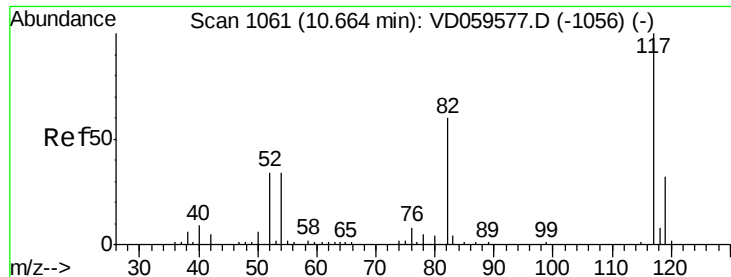
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD059649.D
Acq: 31 Jul 2018 12:52

Tgt Ion: 95 Resp: 88083
Ion Ratio Lower Upper
95 100
174 89.6 0.0 160.6
176 86.4 0.0 152.8



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

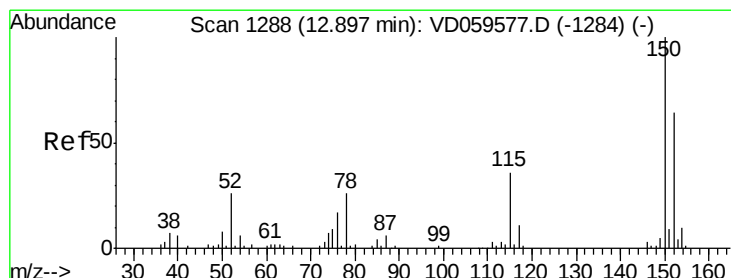
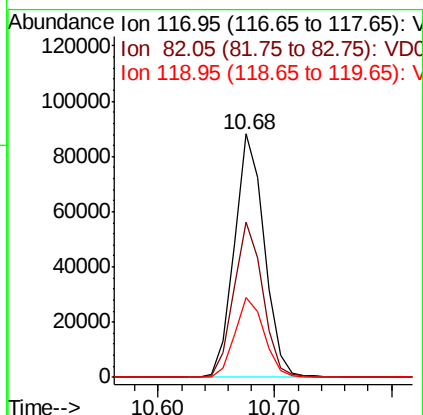
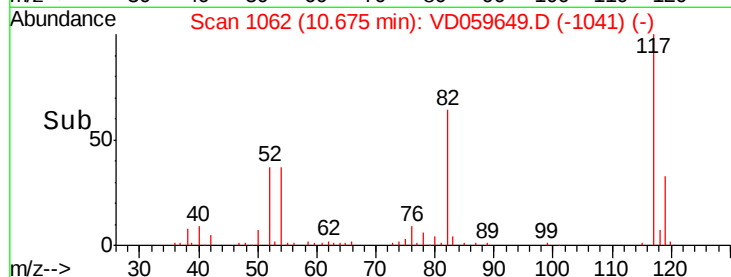
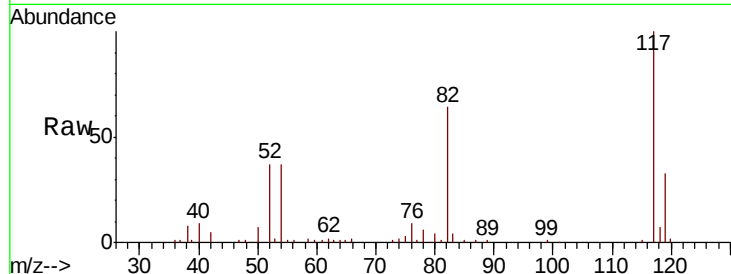




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. 0.01 min
Lab File: VD059649.D
Acq: 31 Jul 2018 12:52

Instrument :
MSVOA_D
ClientSampleId :
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Tot Ion:117 Resp: 156690
Ion Ratio Lower Upper
117 100
82 63.7 48.2 72.2
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VD059649.D
Acq: 31 Jul 2018 12:52

Tgt Ion:152 Resp: 85467
Ion Ratio Lower Upper
152 100
115 63.5 29.5 88.6
150 152.6 0.0 314.4

