

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059631.D
 Acq On : 30 Jul 2018 21:09
 Operator : VA/AP
 Sample : J4189-03RE
 Misc : 6.12g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12-SRE

Quant Time: Jul 31 11:50:32 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	5.62	168	139209	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.66	114	168358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	129202	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	49092	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	96201	54.97	ug/l	0.01
Spiked Amount 50.000			Recovery	=	109.94%	
35) Dibromofluoromethane	5.52	113	84631	58.60	ug/l	0.01
Spiked Amount 50.000			Recovery	=	117.20%	
50) Toluene-d8	8.69	98	165569	50.54	ug/l	0.01
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.92	95	59956	40.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.26%	

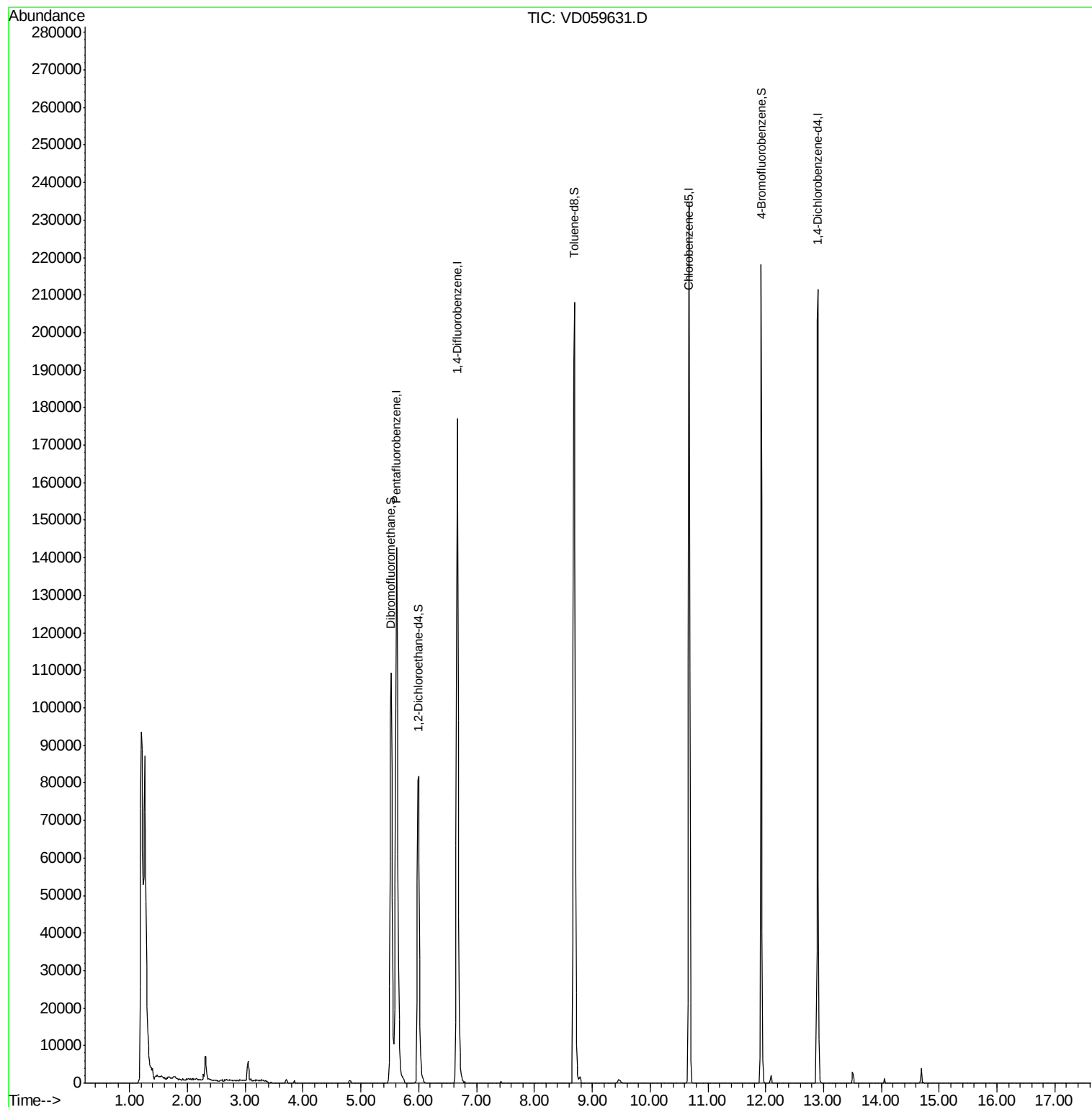
Target Compounds Qvalue

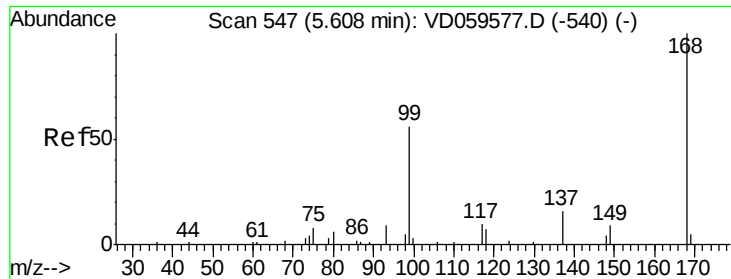
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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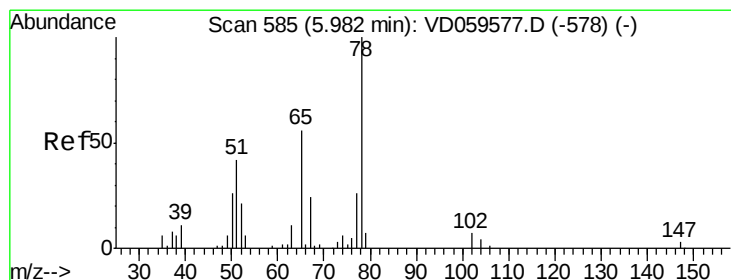
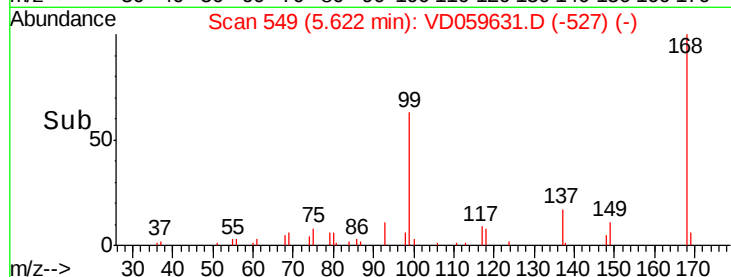
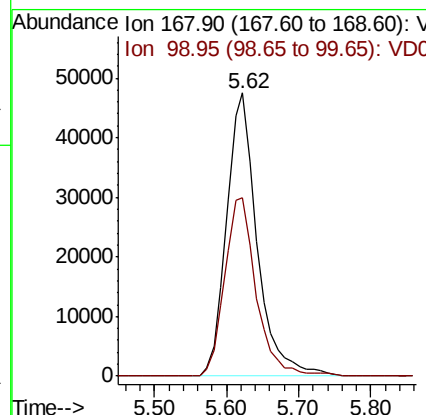
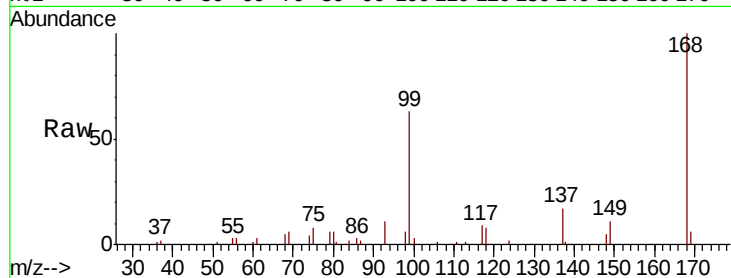




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 549
Delta R.T. 0.01 min
Lab File: VD059631.D
Acq: 30 Jul 2018 21:09

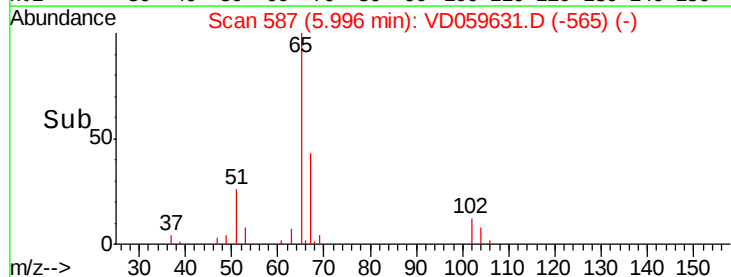
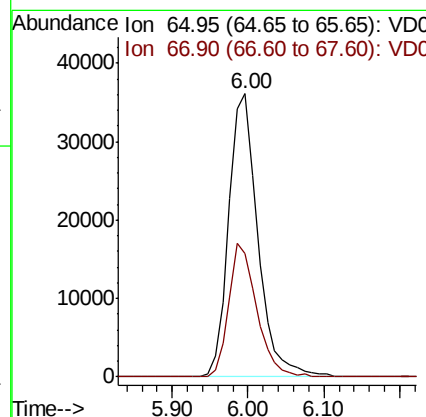
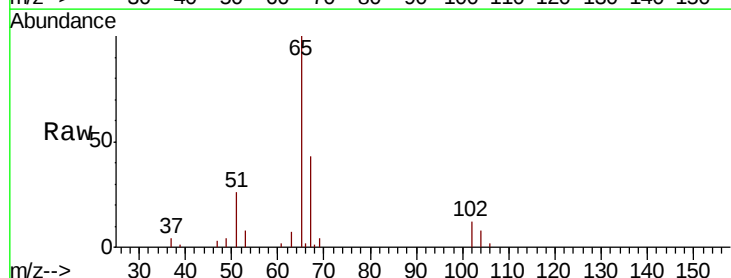
Instrument :
MSVOA_D
ClientSampleId :
TP-12-SRE

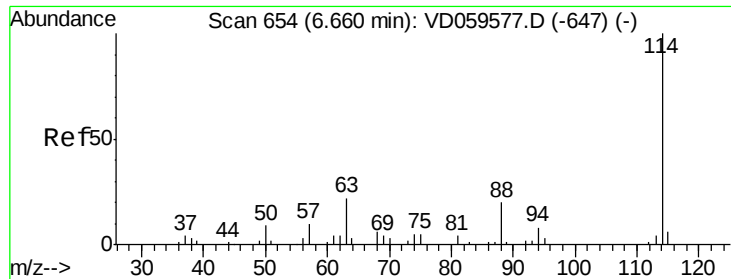
Tot Ion:168 Resp: 139209
Ion Ratio Lower Upper
168 100
99 62.9 47.3 70.9



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. 0.01 min
Lab File: VD059631.D
Acq: 30 Jul 2018 21:09

Tgt Ion: 65 Resp: 96201
Ion Ratio Lower Upper
65 100
67 43.5 0.0 86.4

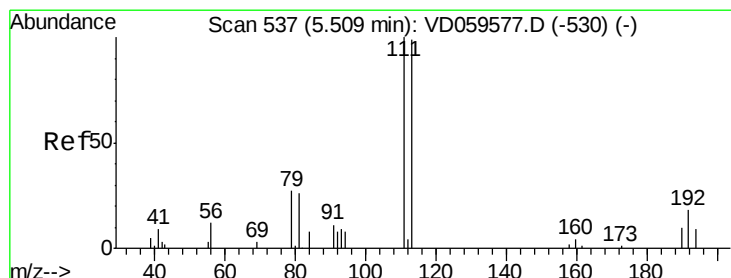
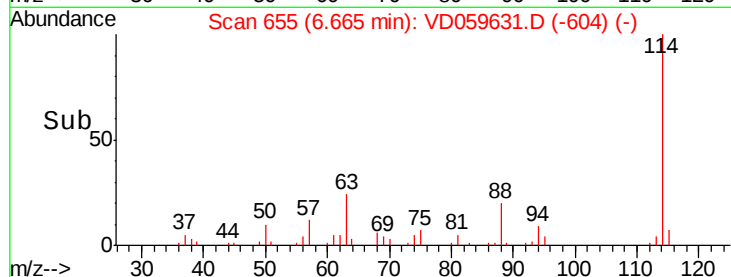
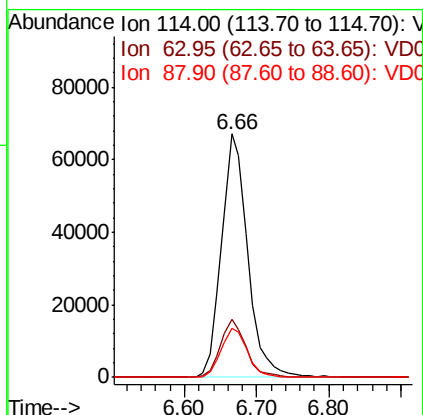
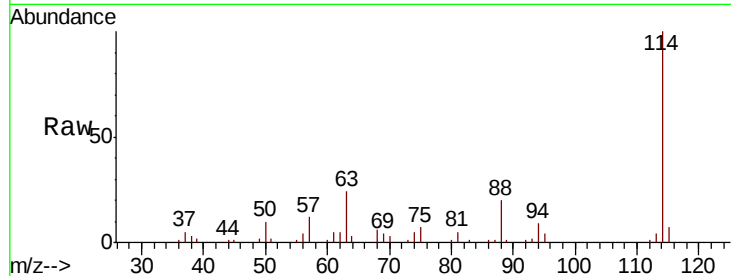




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.66 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VD059631.D
 Acq: 30 Jul 2018 21:09

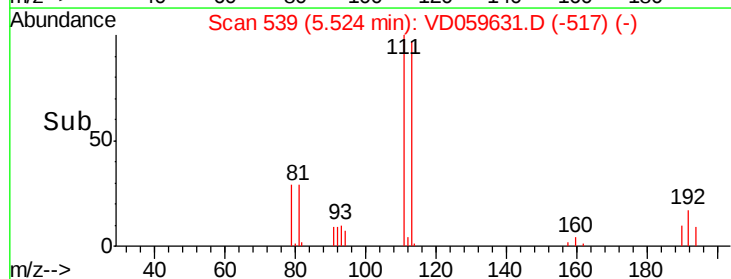
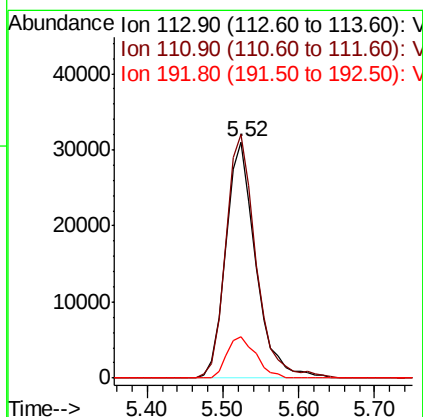
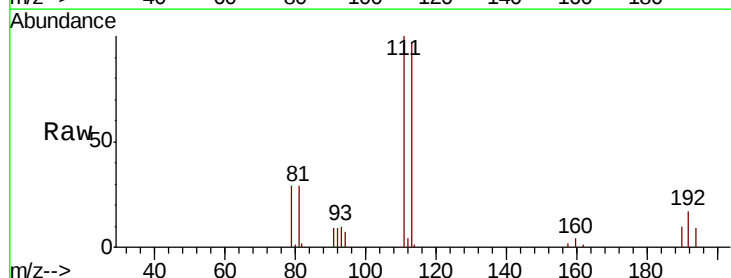
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12-SRE

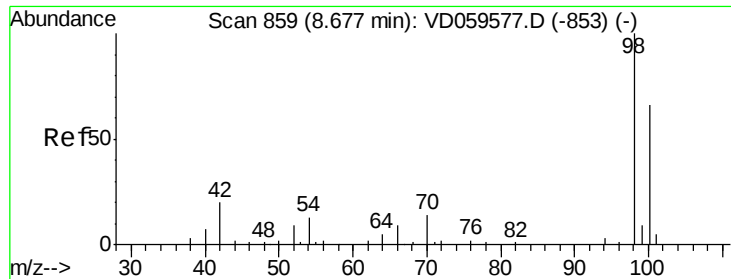
Tot Ion:114 Resp: 168358
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 43.8
 88 20.2 0.0 39.0



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: VD059631.D
 Acq: 30 Jul 2018 21:09

Tgt Ion:113 Resp: 84631
 Ion Ratio Lower Upper
 113 100
 111 103.0 80.5 120.7
 192 17.5 14.5 21.7

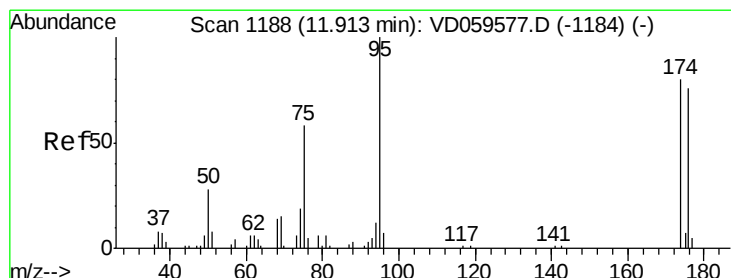
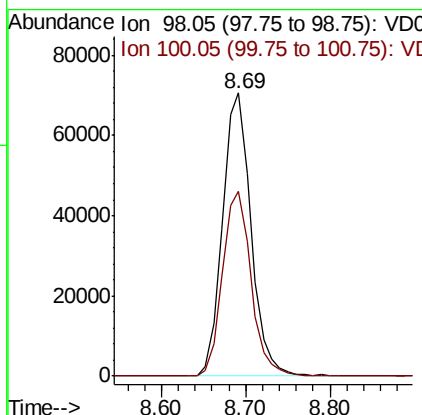
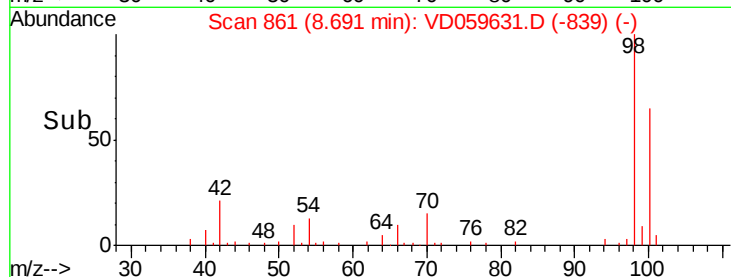
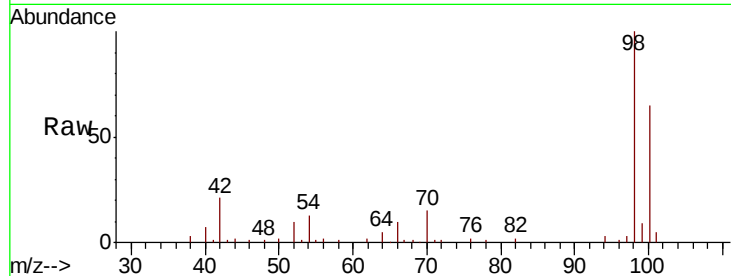




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.01 min
Lab File: VD059631.D
Acq: 30 Jul 2018 21:09

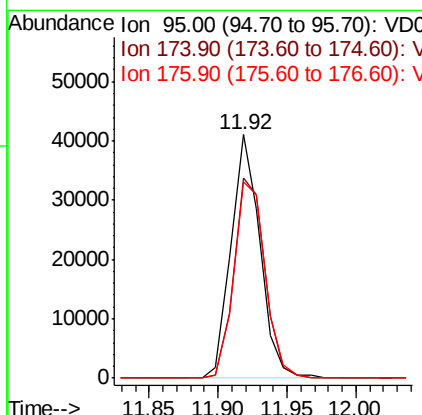
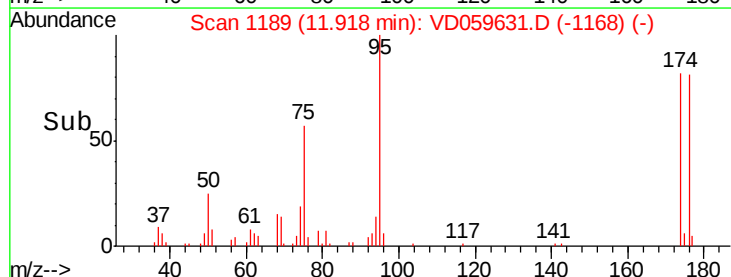
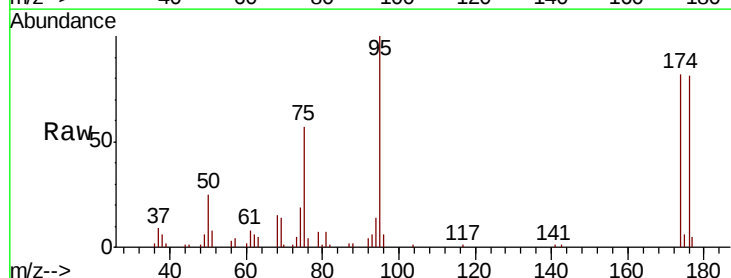
Instrument :
MSVOA_D
ClientSampleId :
TP-12-SRE

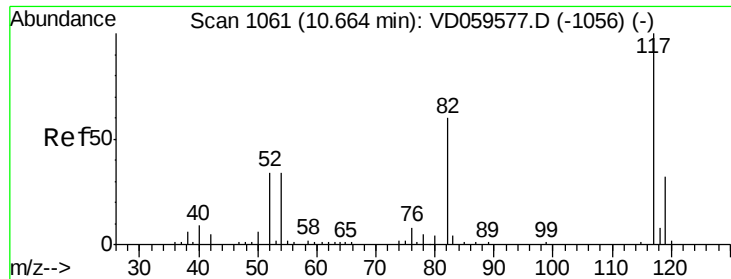
Tot Ion: 98 Resp: 165569
Ion Ratio Lower Upper
98 100
100 65.2 53.2 79.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD059631.D
Acq: 30 Jul 2018 21:09

Tgt Ion: 95 Resp: 59956
Ion Ratio Lower Upper
95 100
174 82.4 0.0 160.6
176 80.6 0.0 152.8

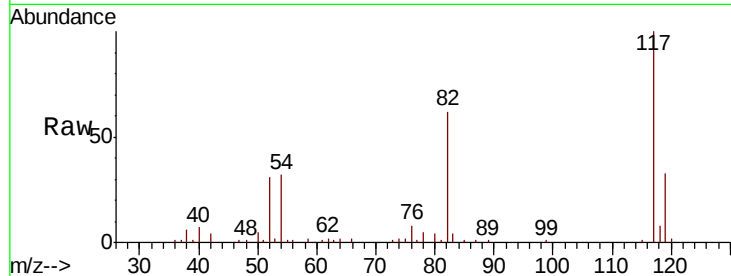




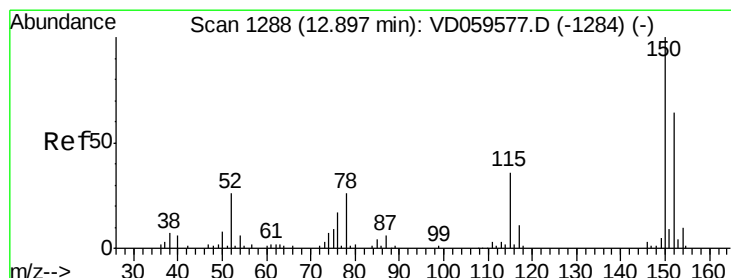
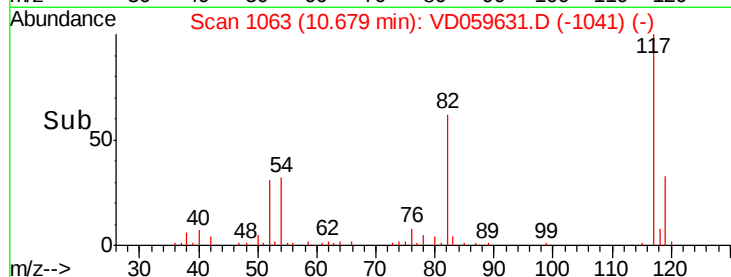
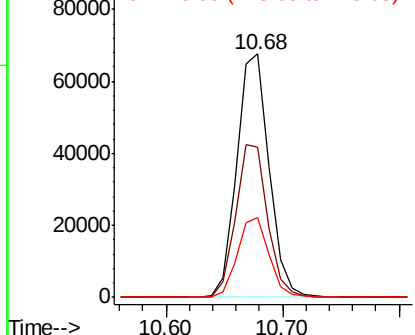
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.01 min
Lab File: VD059631.D
Acq: 30 Jul 2018 21:09

Instrument :
MSVOA_D
ClientSampleId :
TP-12-SRE

Tot Ion:117 Resp: 129202
Ion Ratio Lower Upper
117 100
82 61.6 48.2 72.2
119 32.8 25.4 38.2

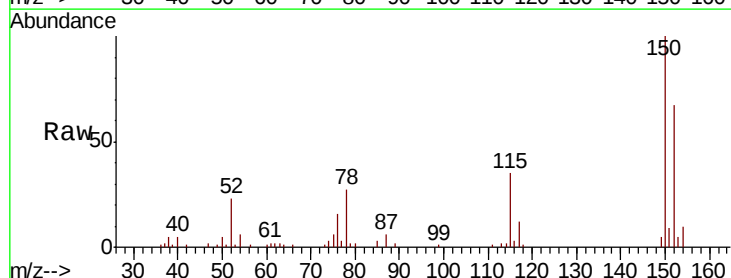


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD059631.D
Acq: 30 Jul 2018 21:09

Tgt Ion:152 Resp: 49092
Ion Ratio Lower Upper
152 100
115 51.8 29.5 88.6
150 149.9 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

