

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058335.D
 Acq On : 23 Jun 2018 11:19
 Operator : VA/AP
 Sample : J3642-01
 Misc : 6.41g/5ml/MSVOA D/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TEST-PIT-1

Quant Time: Jun 25 01:59:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	17744	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.71	114	26474	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.70	117	23772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.92	152	11473	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	12966	72.34	ug/l	0.02
Spiked Amount	50.000		Recovery	=	144.68%	
35) Dibromofluoromethane	5.57	113	9131	42.38	ug/l	0.02
Spiked Amount	50.000		Recovery	=	84.76%	
50) Toluene-d8	8.72	98	23900	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	
62) 4-Bromofluorobenzene	11.95	95	9755	45.81	ug/l	0.02
Spiked Amount	50.000		Recovery	=	91.62%	

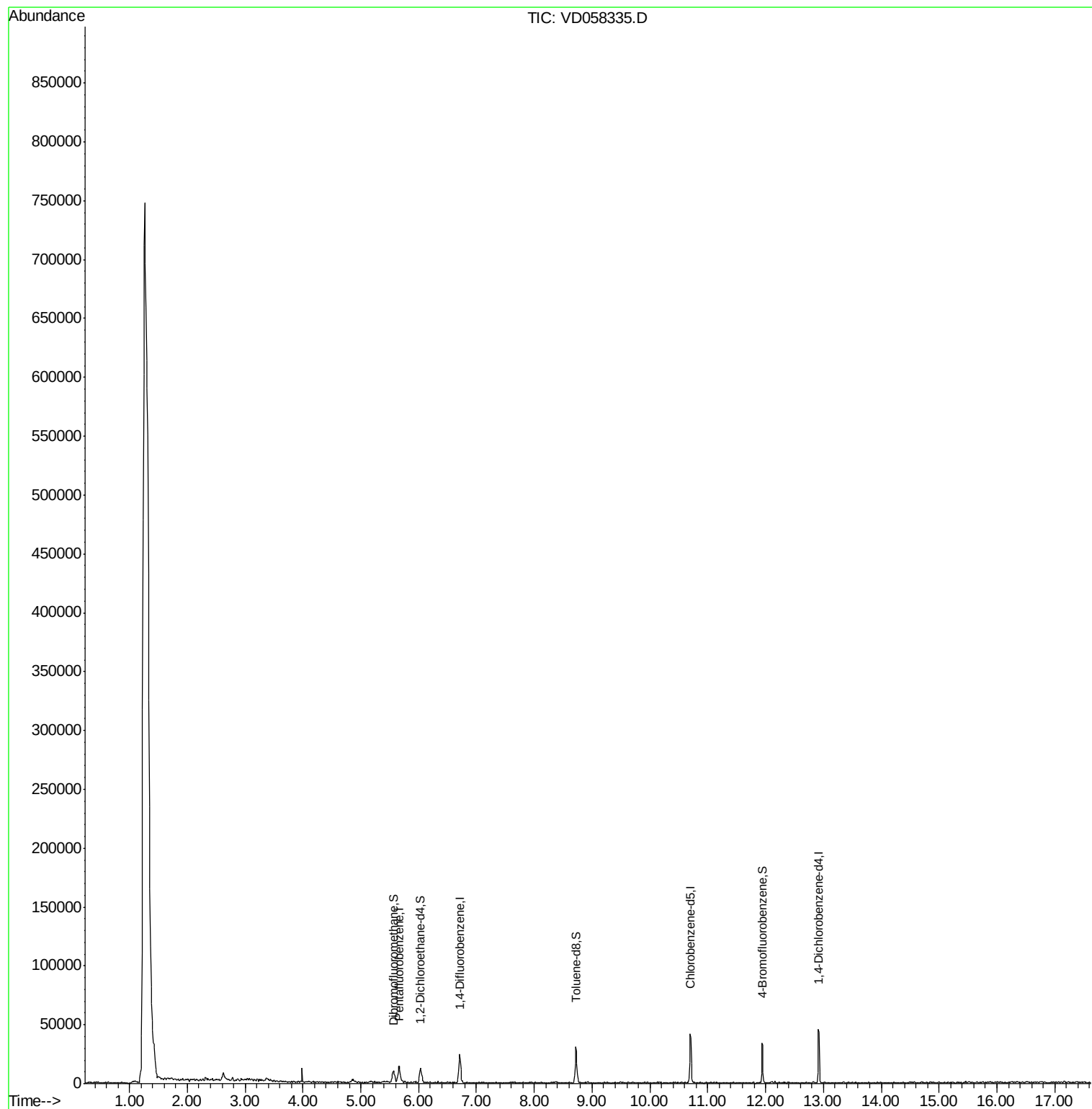
Target Compounds	Qvalue

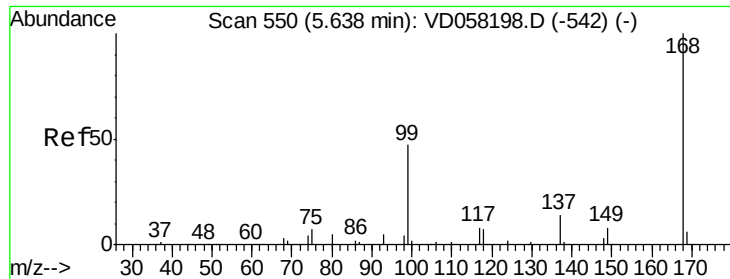
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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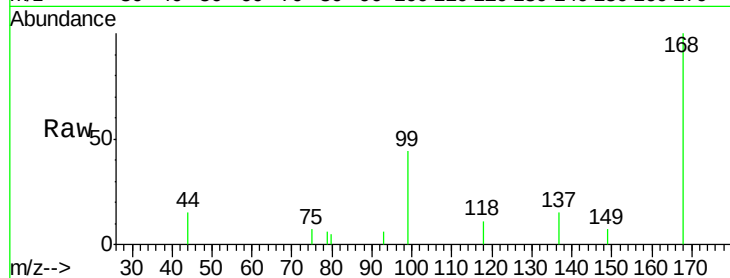




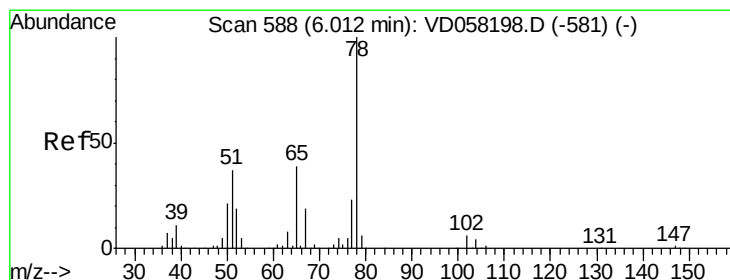
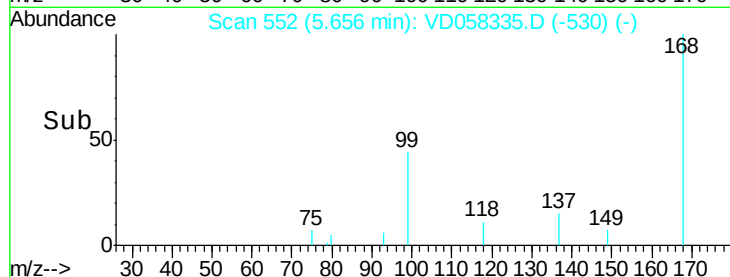
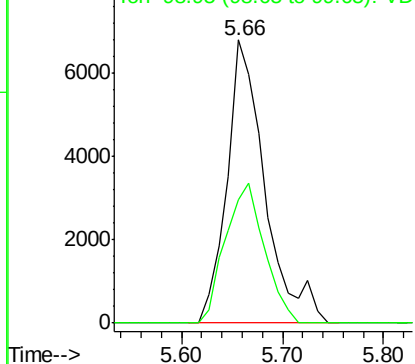
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 552
Delta R.T. 0.02 min
Lab File: VD058335.D
Acq: 23 Jun 2018 11:19

Instrument :
MSVOA_D
ClientSampleId :
TEST-PIT-1

Tot Ion:168 Resp: 17744
Ion Ratio Lower Upper
168 100
99 43.6 41.1 61.7

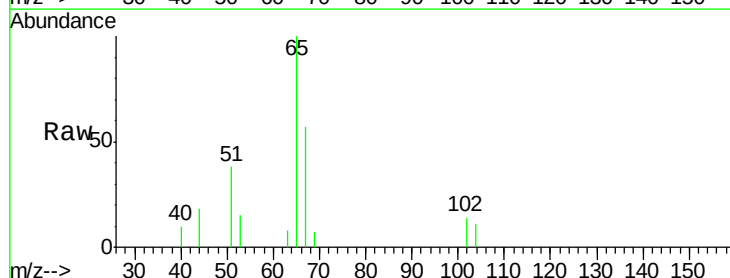


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.95 (98.65 to 99.65): VDC

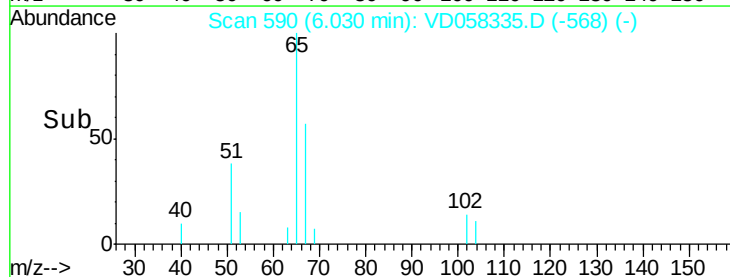
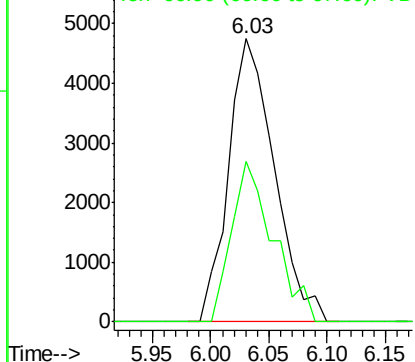


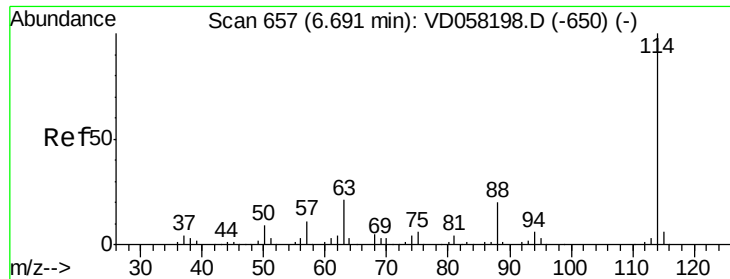
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.03 min Scan# 590
Delta R.T. 0.02 min
Lab File: VD058335.D
Acq: 23 Jun 2018 11:19

Tgt Ion: 65 Resp: 12966
Ion Ratio Lower Upper
65 100
67 56.7 0.0 97.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

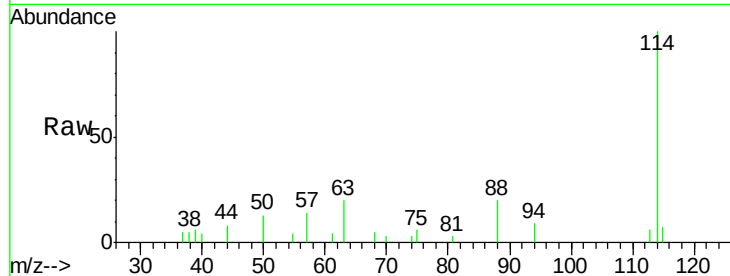




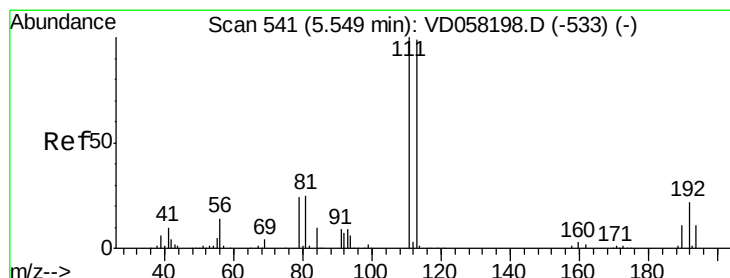
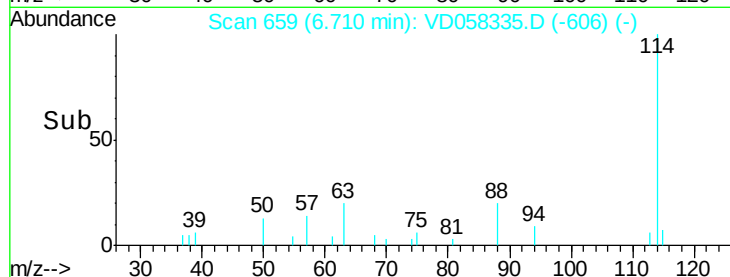
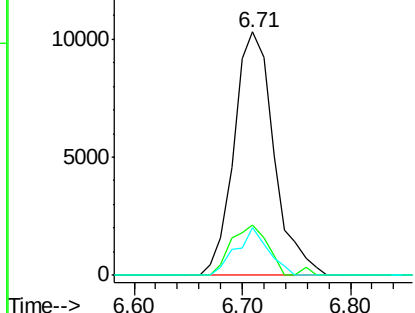
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.71 min Scan# 659
 Delta R.T. 0.02 min
 Lab File: VD058335.D
 Acq: 23 Jun 2018 11:19

Instrument :
 MSVOA_D
 ClientSampleId :
 TEST-PIT-1

Tot Ion:114 Resp: 26474
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.6
 88 19.7 0.0 40.6

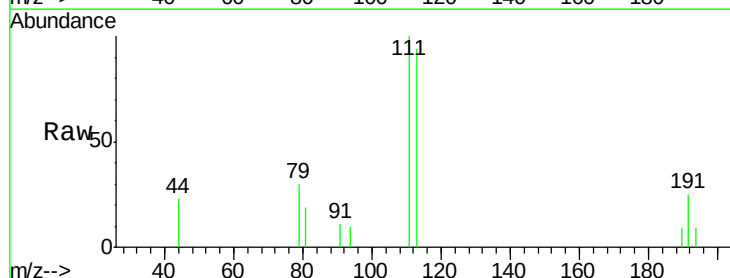


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

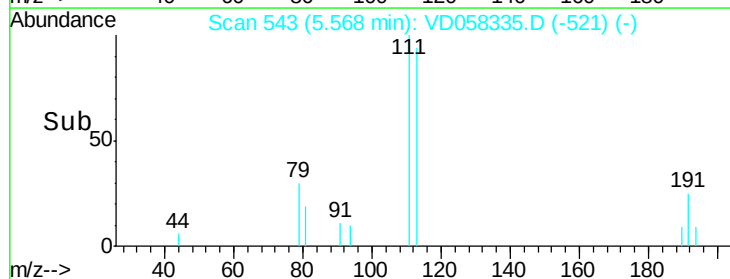
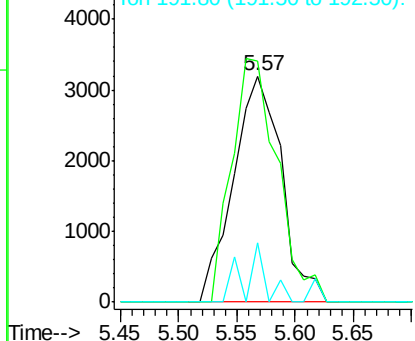


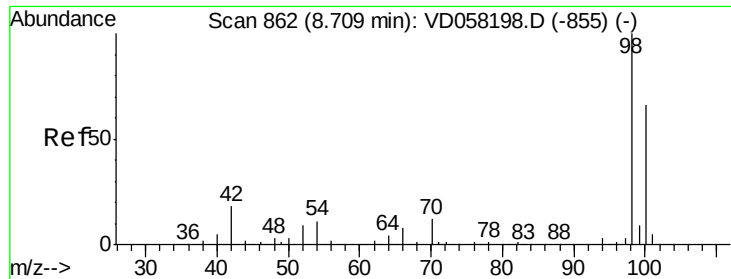
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.57 min Scan# 543
 Delta R.T. 0.02 min
 Lab File: VD058335.D
 Acq: 23 Jun 2018 11:19

Tgt Ion:113 Resp: 9131
 Ion Ratio Lower Upper
 113 100
 111 106.6 80.6 121.0
 192 26.1 17.8 26.6



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

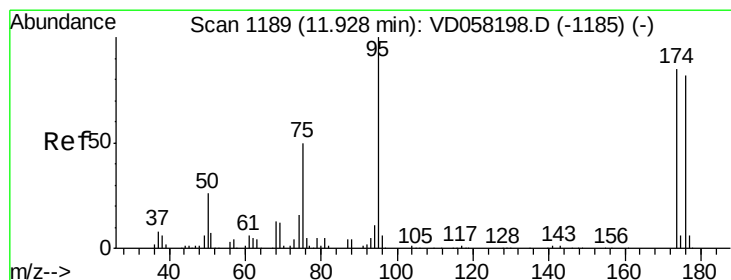
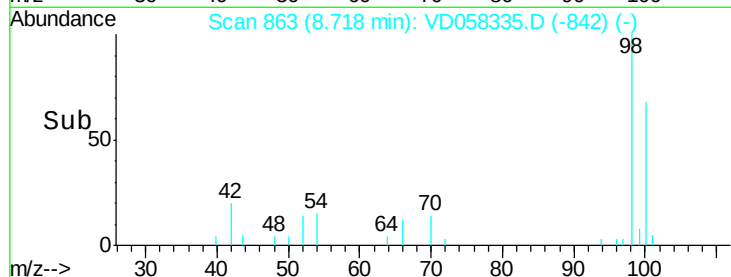
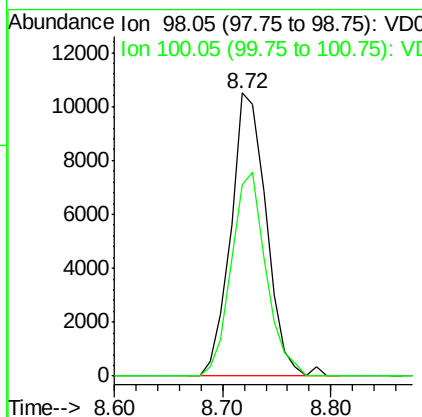
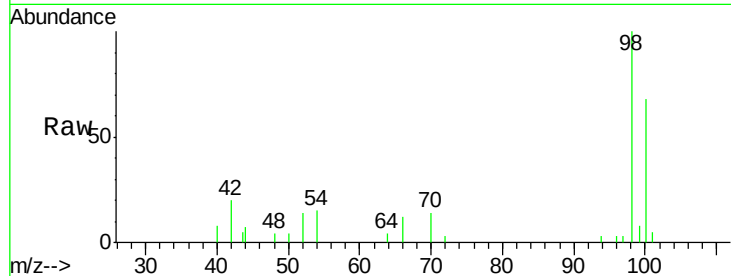




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 863
Delta R.T. 0.01 min
Lab File: VD058335.D
Acq: 23 Jun 2018 11:19

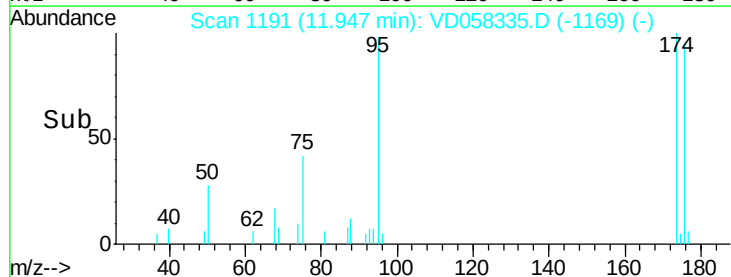
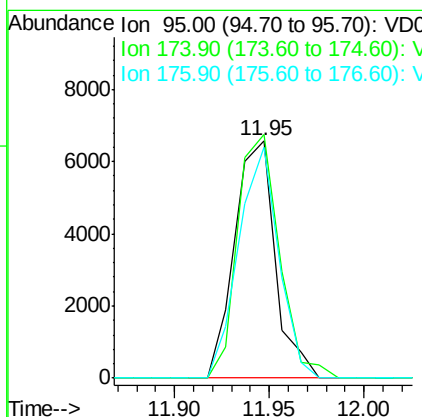
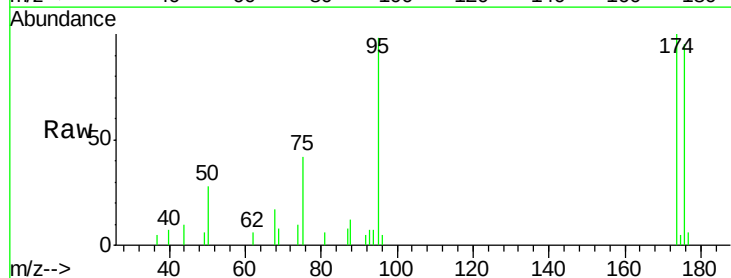
Instrument :
MSVOA_D
ClientSampleId :
TEST-PIT-1

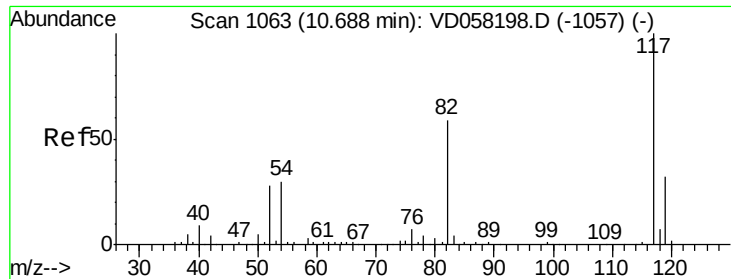
Tot Ion: 98 Resp: 23900
Ion Ratio Lower Upper
98 100
100 67.7 53.6 80.4



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.95 min Scan# 1191
Delta R.T. 0.02 min
Lab File: VD058335.D
Acq: 23 Jun 2018 11:19

Tgt Ion: 95 Resp: 9755
Ion Ratio Lower Upper
95 100
174 102.5 0.0 170.2
176 97.0 0.0 164.6

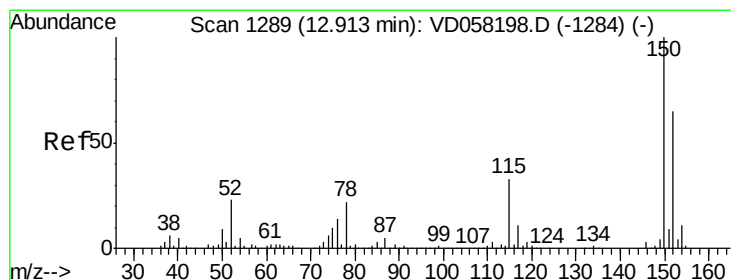
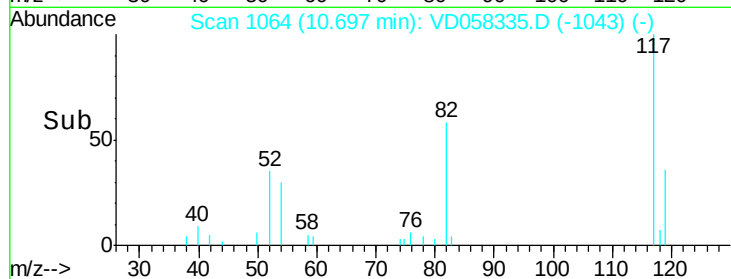
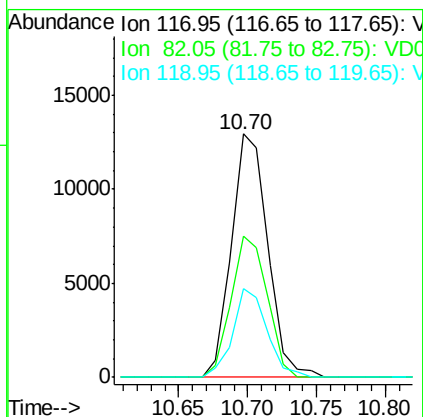
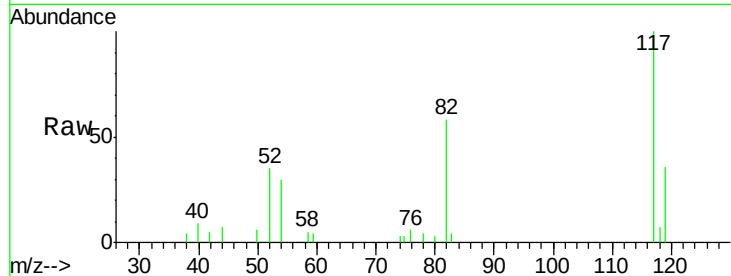




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058335.D
Acq: 23 Jun 2018 11:19

Instrument :
MSVOA_D
ClientSampleId :
TEST-PIT-1

Tot Ion:117 Resp: 23772
Ion Ratio Lower Upper
117 100
82 58.2 47.0 70.6
119 36.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.92 min Scan# 1290
Delta R.T. 0.01 min
Lab File: VD058335.D
Acq: 23 Jun 2018 11:19

Tgt Ion:152 Resp: 11473
Ion Ratio Lower Upper
152 100
115 48.0 25.1 75.3
150 149.5 0.0 308.8

