

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081618\
 Data File : VD059808.D
 Acq On : 16 Aug 2018 13:47
 Operator : VA/AP
 Sample : VD0816SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0816SBL01

Quant Time: Aug 17 05:48:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 16:08:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	270222	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.66	114	345790	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	285471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	157899	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.99	65	176277	50.77	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	101.54%	
35) Dibromofluoromethane	5.52	113	157453	52.25	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	104.50%	
50) Toluene-d8	8.69	98	375255	52.58	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	11.92	95	159784	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	

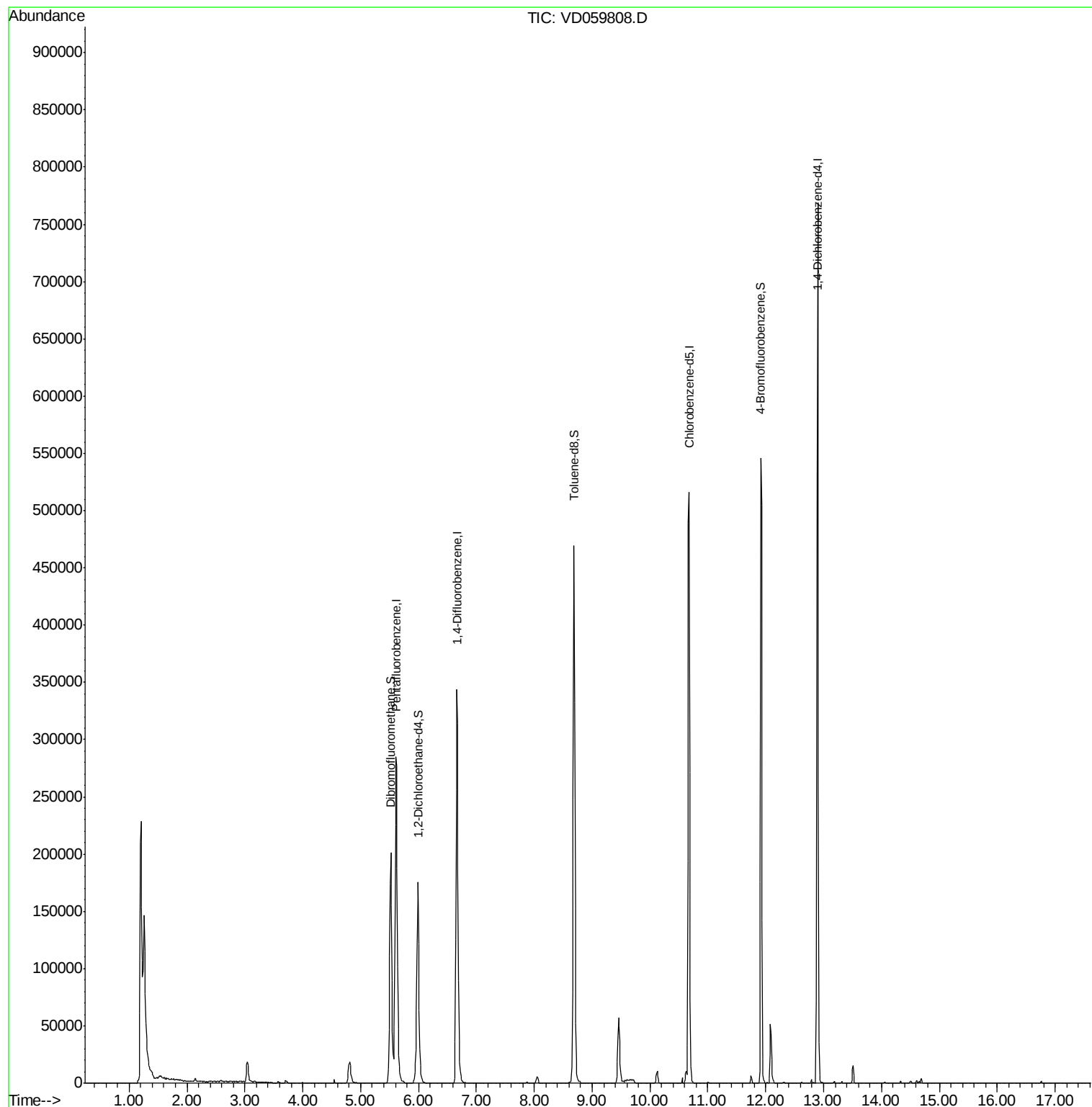
Target Compounds	Qvalue

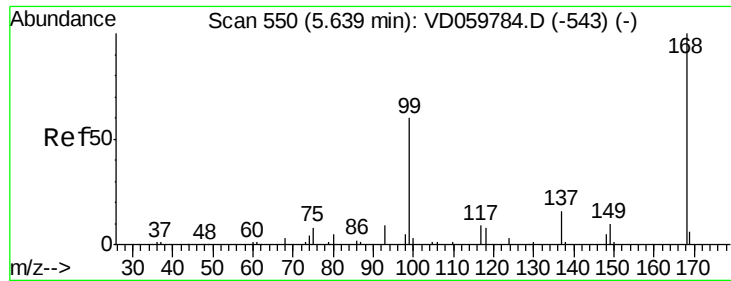
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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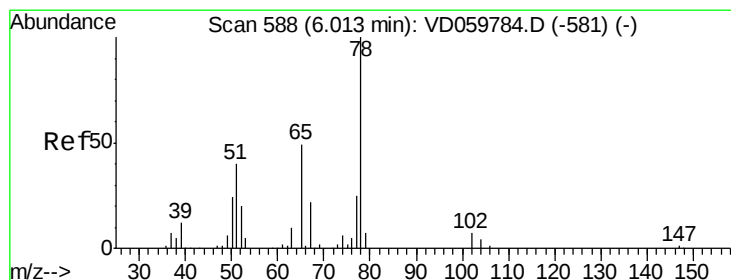
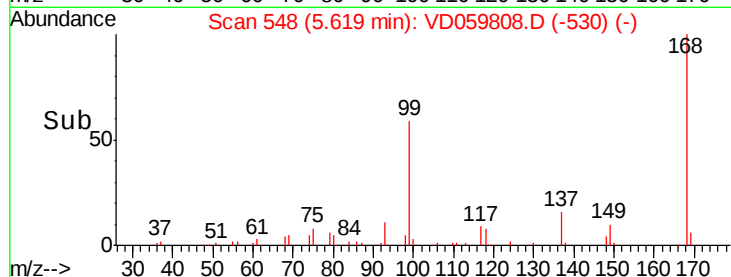
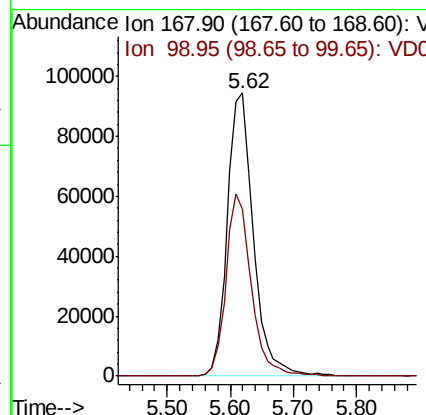
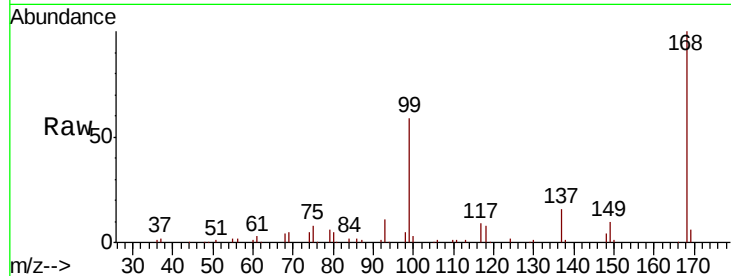




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 548
Delta R.T. -0.02 min
Lab File: VD059808.D
Acq: 16 Aug 2018 13:47

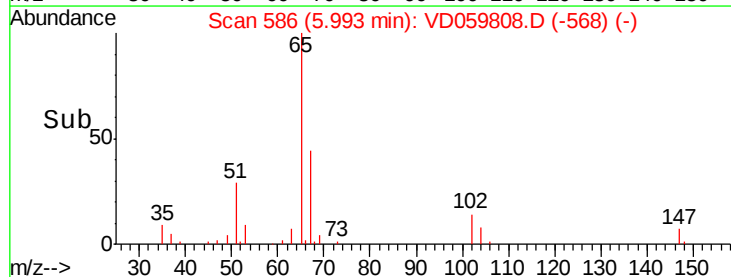
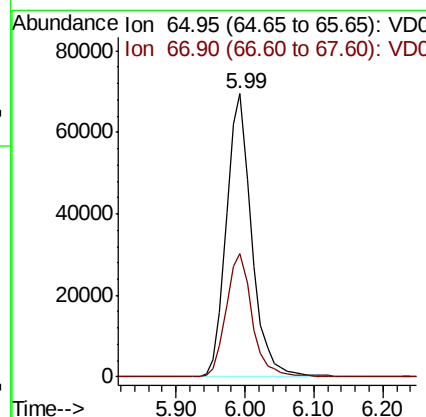
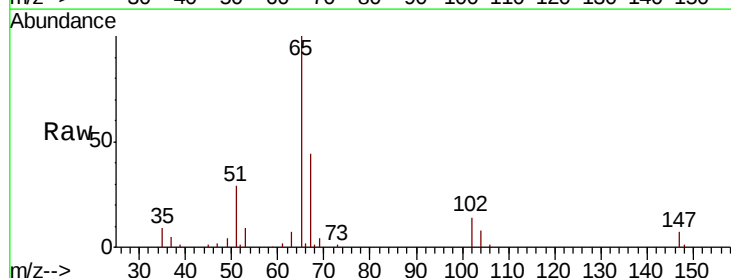
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBL01

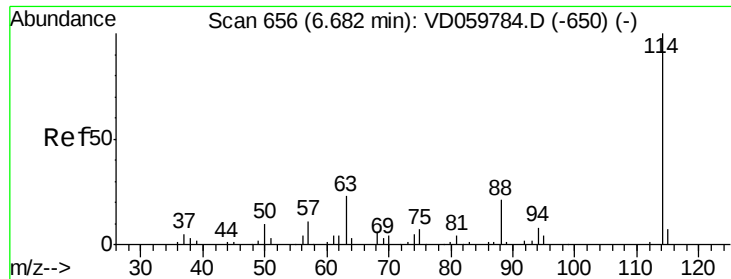
Tot Ion:168 Resp: 270222
Ion Ratio Lower Upper
168 100
99 59.0 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.99 min Scan# 586
Delta R.T. -0.02 min
Lab File: VD059808.D
Acq: 16 Aug 2018 13:47

Tgt Ion: 65 Resp: 176277
Ion Ratio Lower Upper
65 100
67 43.5 0.0 87.8

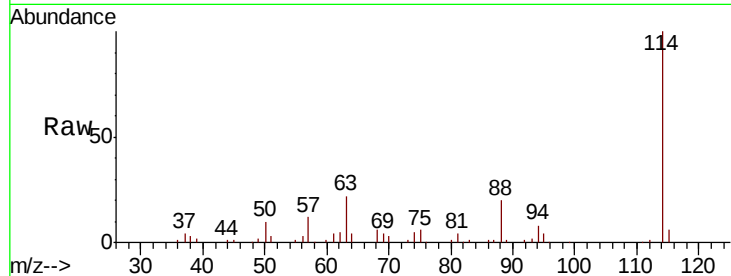




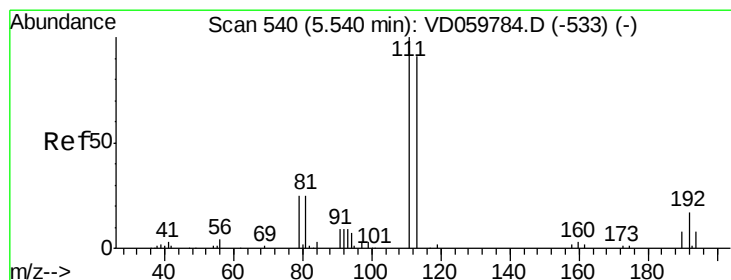
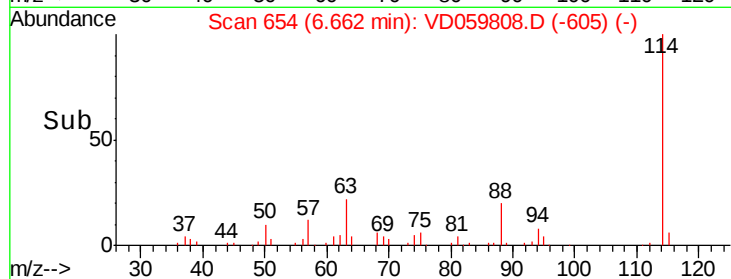
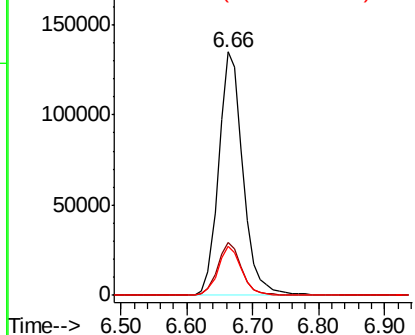
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.66 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: VD059808.D
 Acq: 16 Aug 2018 13:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0816SBL01

Tot Ion:114 Resp: 345790
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.0
 88 20.1 0.0 41.2

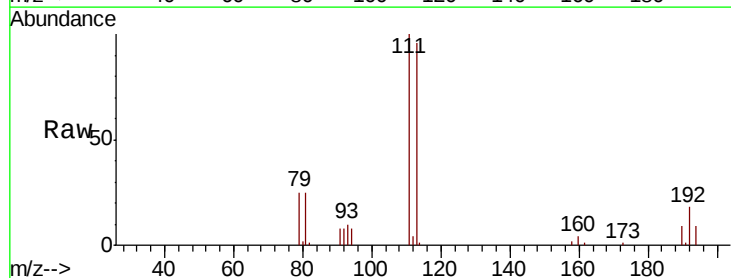


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

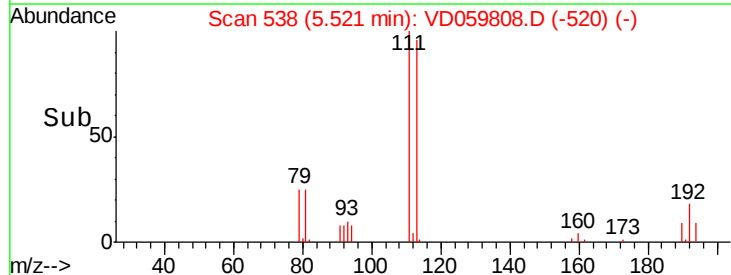
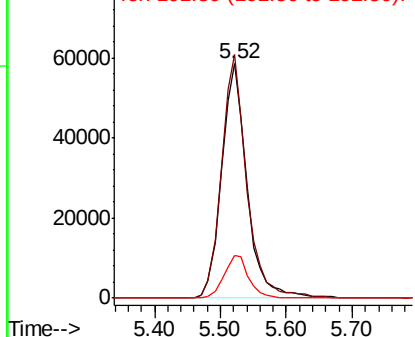


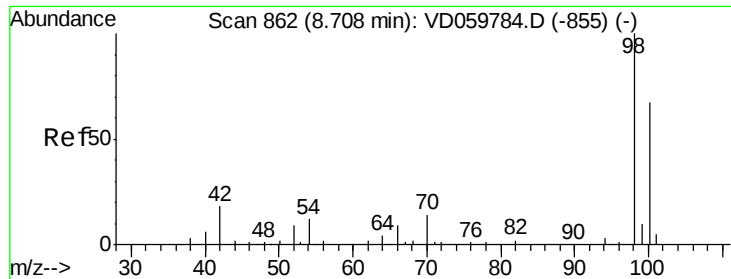
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: VD059808.D
 Acq: 16 Aug 2018 13:47

Tgt Ion:113 Resp: 157453
 Ion Ratio Lower Upper
 113 100
 111 103.8 87.7 131.5
 192 18.2 14.6 21.8



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

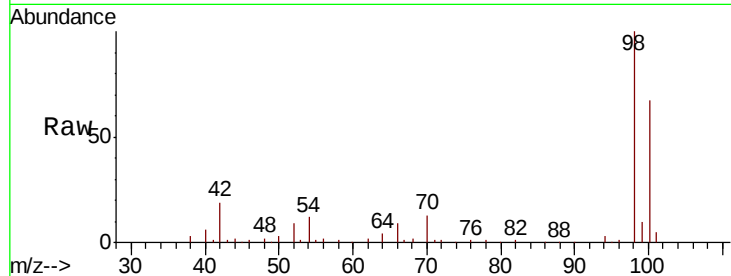




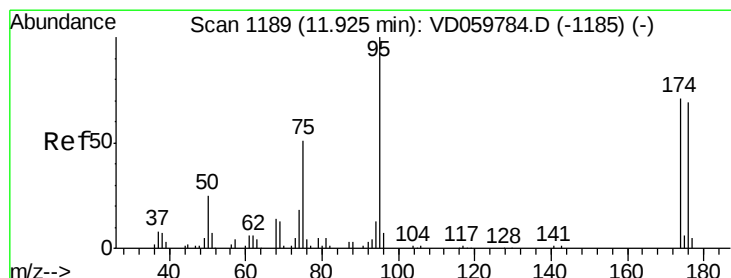
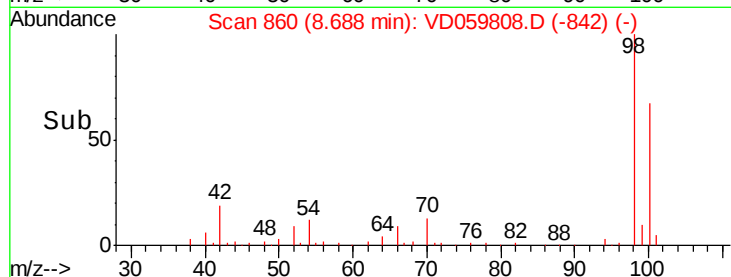
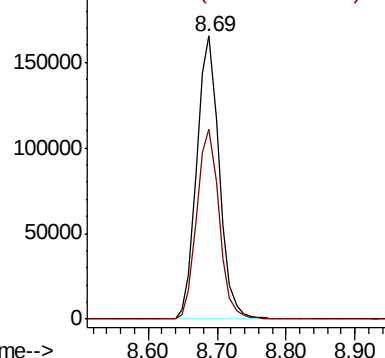
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.02 min
Lab File: VD059808.D
Acq: 16 Aug 2018 13:47

Instrument :
MSVOA_D
ClientSampleId :
VD0816SBL01

Tot Ion: 98 Resp: 375255
Ion Ratio Lower Upper
98 100
100 67.1 54.2 81.4

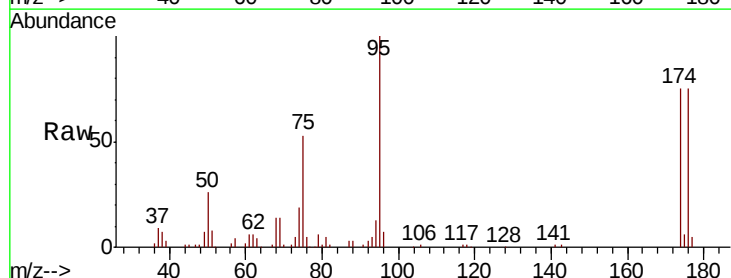


Abundance Ion 98.05 (97.75 to 98.75): VD059784.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD059784.D (-855) (-)

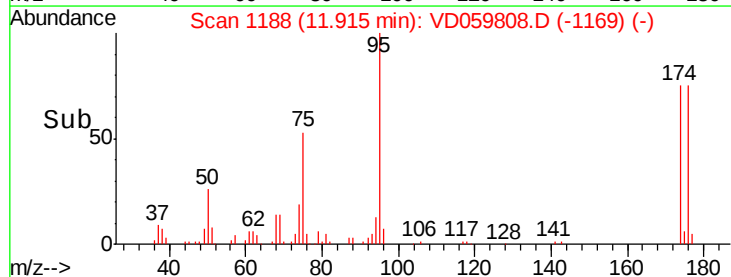
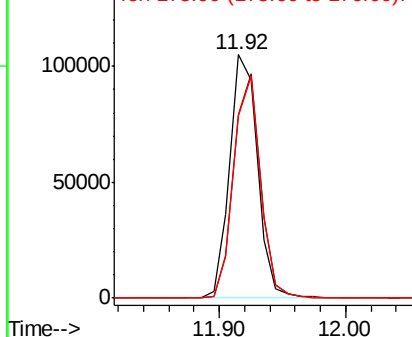


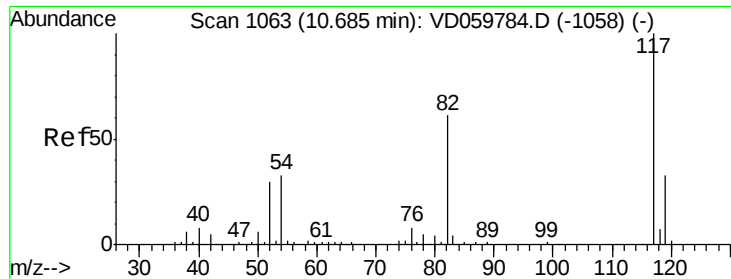
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD059808.D
Acq: 16 Aug 2018 13:47

Tgt Ion: 95 Resp: 159784
Ion Ratio Lower Upper
95 100
174 75.3 0.0 142.2
176 74.8 0.0 137.4



Abundance Ion 95.00 (94.70 to 95.70): VD059784.D (-1185) (-)
Ion 173.90 (173.60 to 174.60): VD059784.D (-1185) (-)
Ion 175.90 (175.60 to 176.60): VD059784.D (-1185) (-)

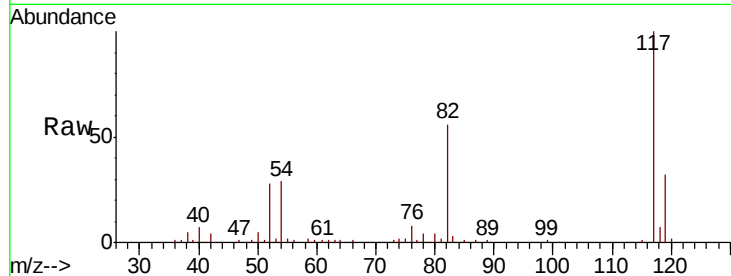




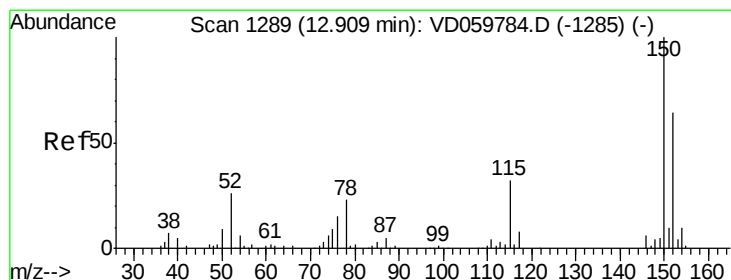
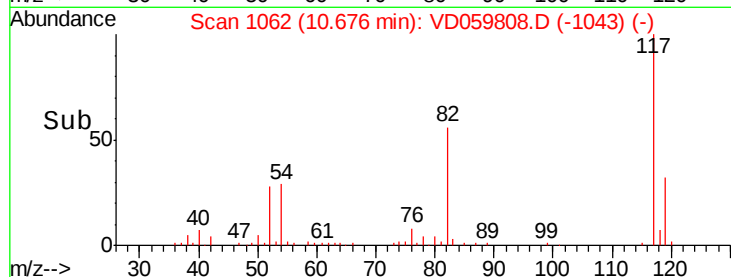
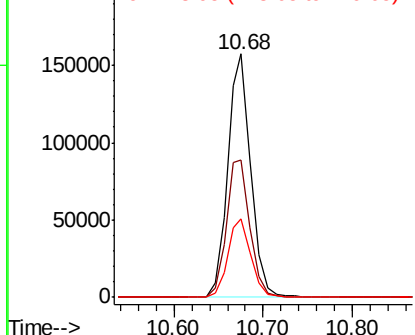
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059808.D
Acq: 16 Aug 2018 13:47

Instrument :
MSVOA_D
ClientSampleId :
VD0816SBL01

Tot Ion:117 Resp: 285471
Ion Ratio Lower Upper
117 100
82 56.5 49.0 73.6
119 32.0 26.2 39.2

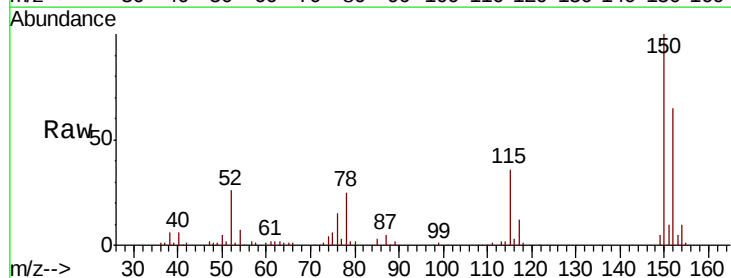


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD059808.D
Acq: 16 Aug 2018 13:47

Tgt Ion:152 Resp: 157899
Ion Ratio Lower Upper
152 100
115 55.0 27.2 81.5
150 153.4 0.0 312.4



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

