

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081518\
 Data File : VD059803.D
 Acq On : 15 Aug 2018 18:46
 Operator : VA/AP
 Sample : J4477-04RE
 Misc : 10.97g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-03-004-BRE

Quant Time: Aug 16 08:15:04 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	5.63	168	11610	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.68	114	17271	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	16890	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	9759	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.00	65	13707	91.89	ug/l	-0.01
Spiked Amount						
			Recovery	=	183.78%	
35) Dibromofluoromethane	5.53	113	8280	55.01	ug/l	-0.01
Spiked Amount						
			Recovery	=	110.02%	
50) Toluene-d8	8.70	98	18720	52.51	ug/l	-0.01
Spiked Amount						
			Recovery	=	105.02%	
62) 4-Bromofluorobenzene	11.92	95	9903	62.01	ug/l	0.00
Spiked Amount						
			Recovery	=	124.02%	

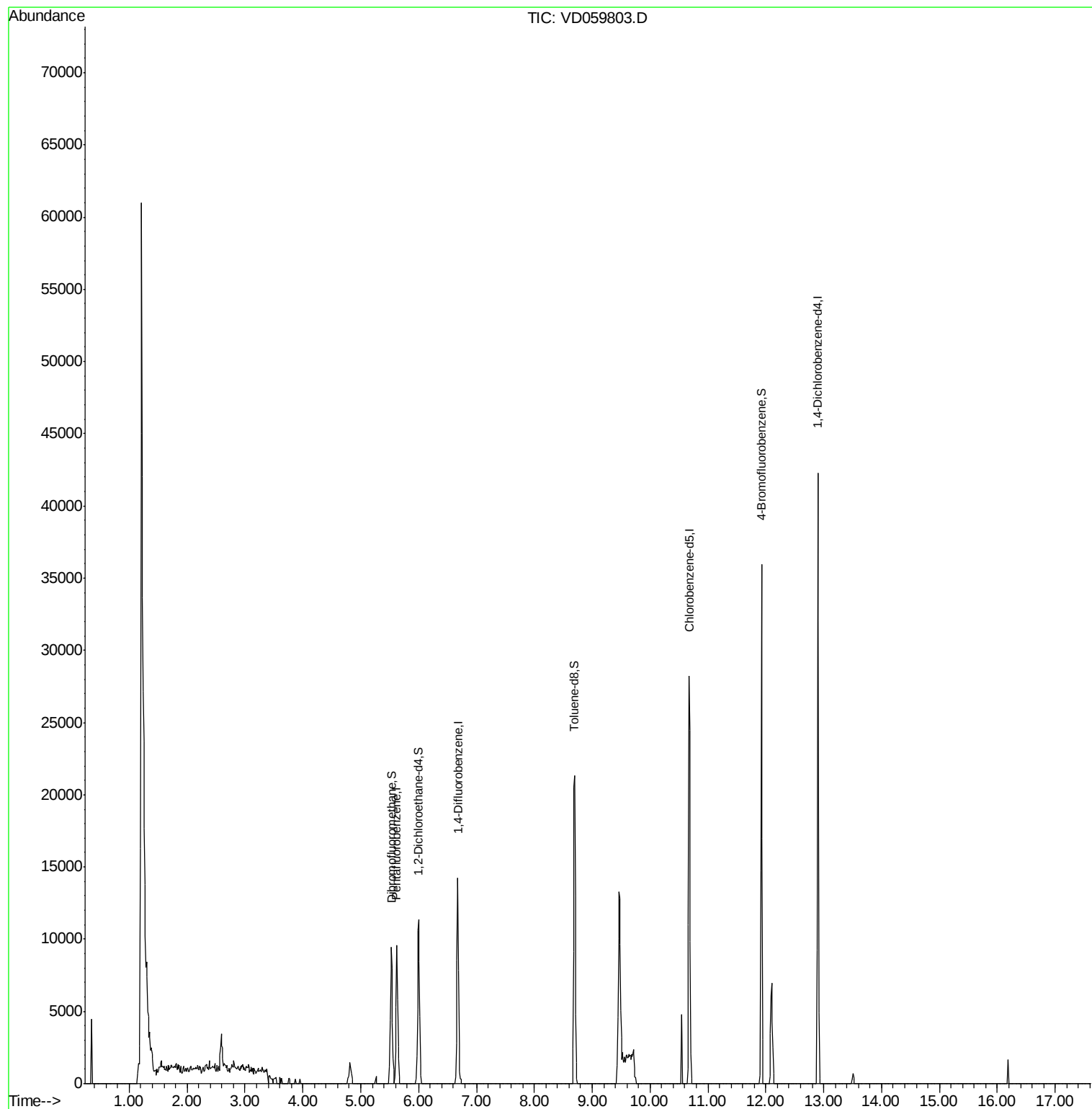
Target Compounds	Qvalue

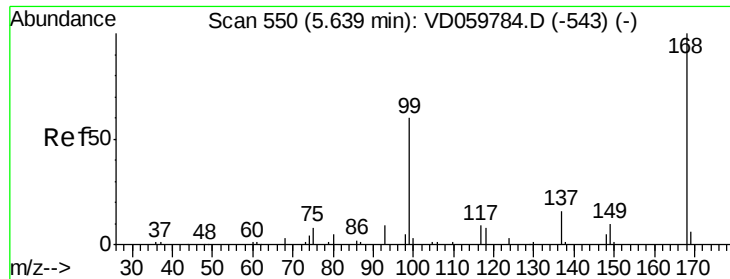
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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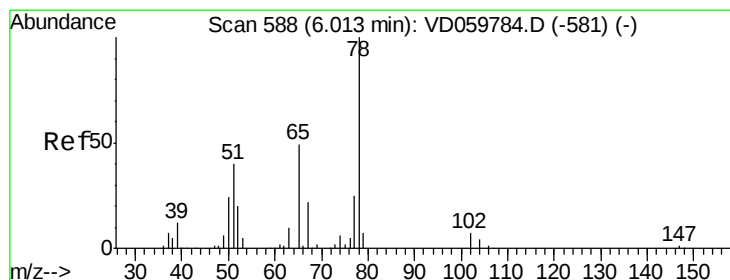
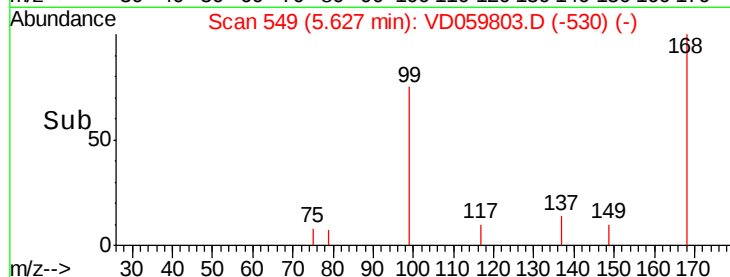
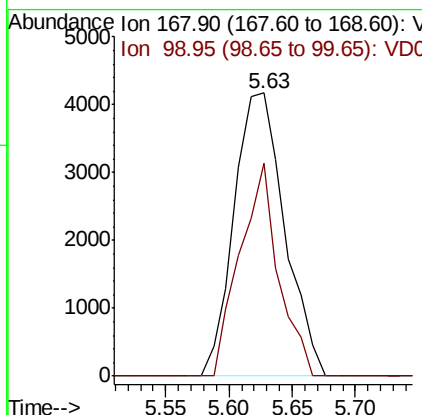
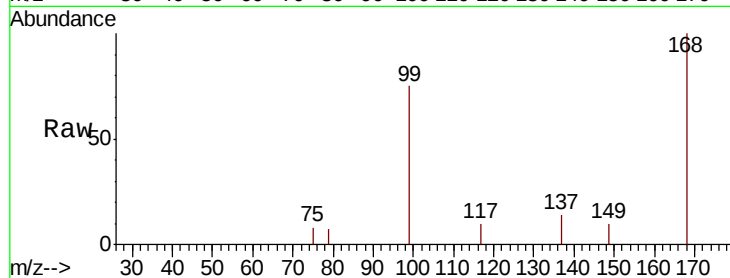




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.01 min
Lab File: VD059803.D
Acq: 15 Aug 2018 18:46

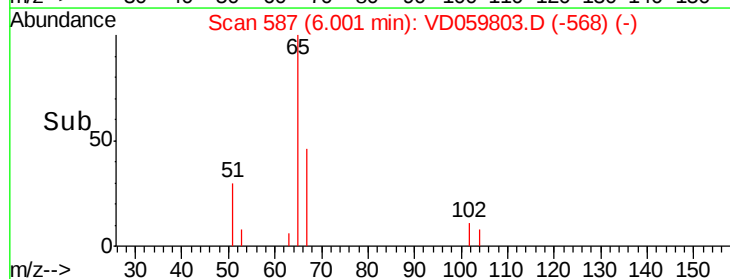
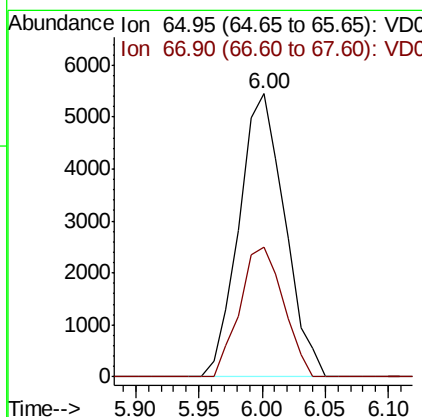
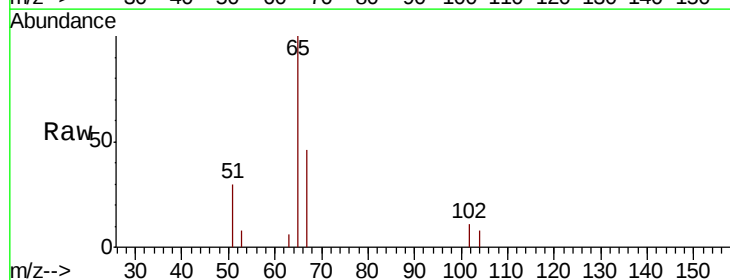
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-004-BRE

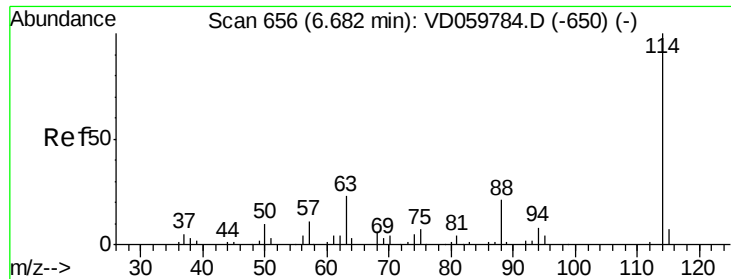
Tot Ion:168 Resp: 11610
Ion Ratio Lower Upper
168 100
99 75.4 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. -0.01 min
Lab File: VD059803.D
Acq: 15 Aug 2018 18:46

Tgt Ion: 65 Resp: 13707
Ion Ratio Lower Upper
65 100
67 45.8 0.0 87.8

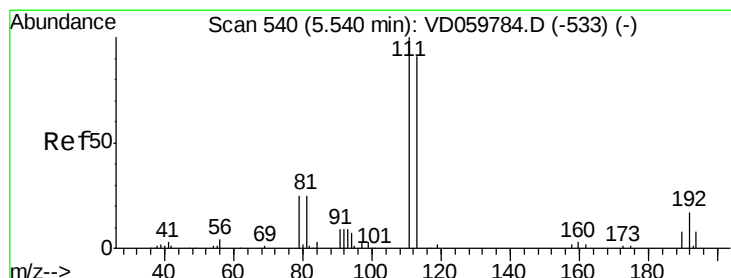
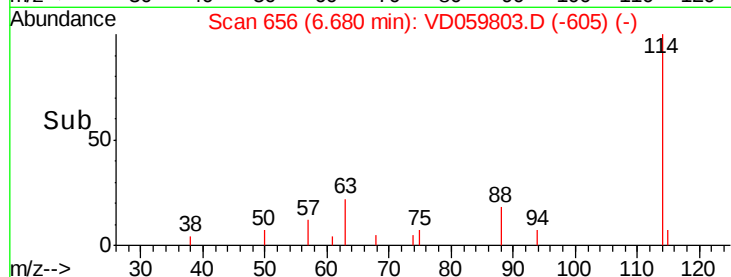
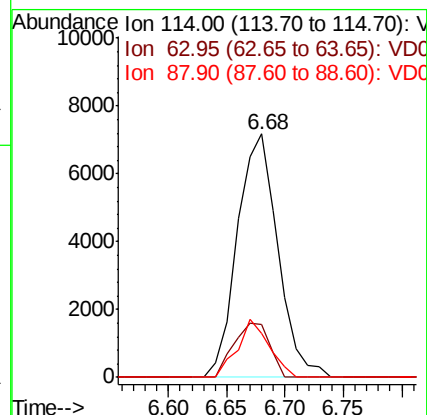
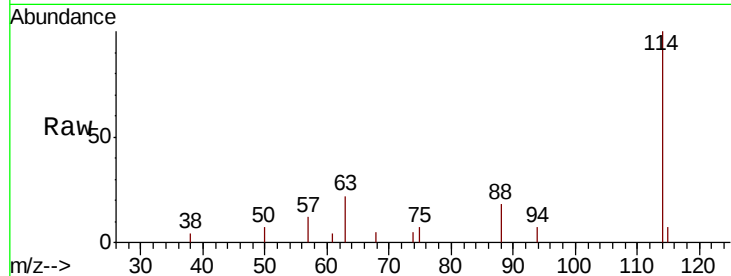




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: VD059803.D
 Acq: 15 Aug 2018 18:46

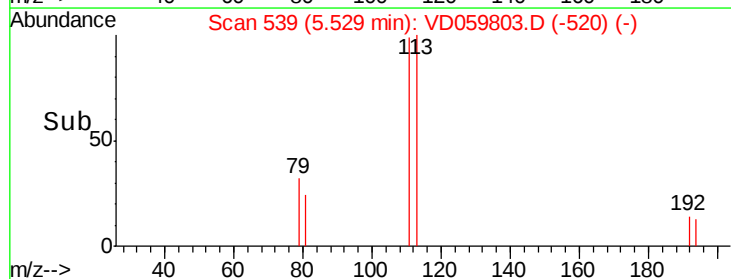
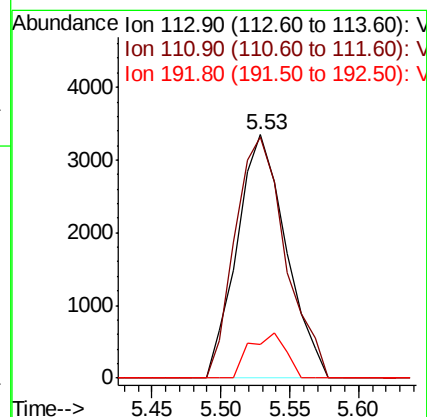
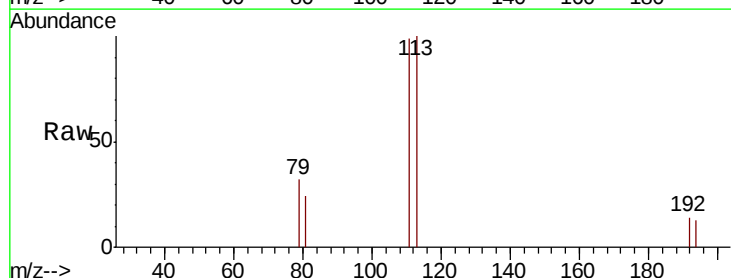
Instrument :
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 FK-SF-03-004-BRE

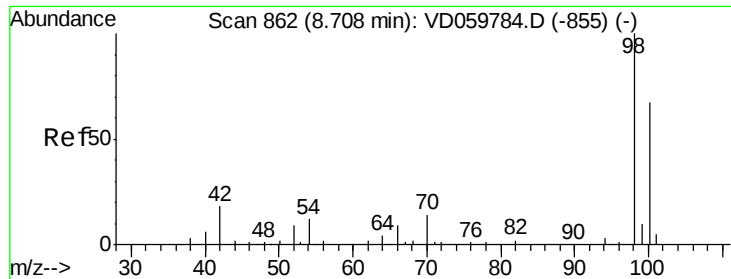
Tot Ion:114 Resp: 17271
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.0
 88 17.8 0.0 41.2



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.53 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: VD059803.D
 Acq: 15 Aug 2018 18:46

Tgt Ion:113 Resp: 8280
 Ion Ratio Lower Upper
 113 100
 111 99.1 87.7 131.5
 192 14.1 14.6 21.8#

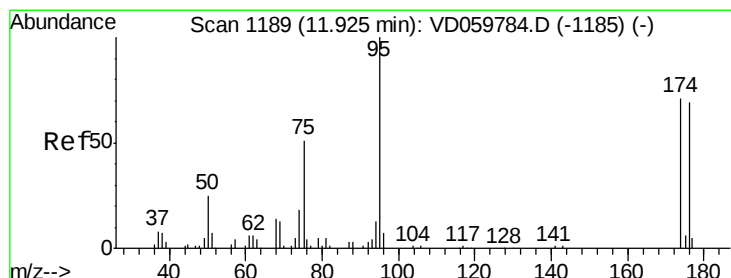
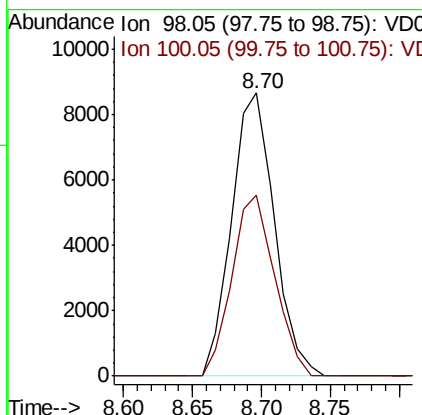
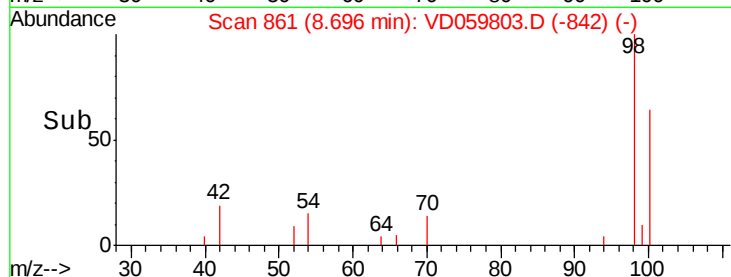
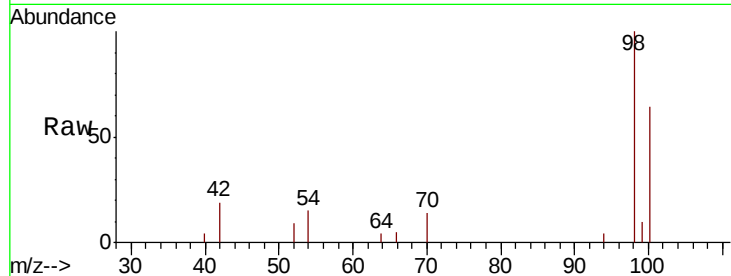




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD059803.D
Acq: 15 Aug 2018 18:46

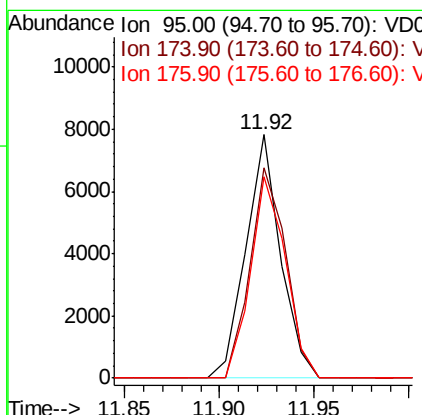
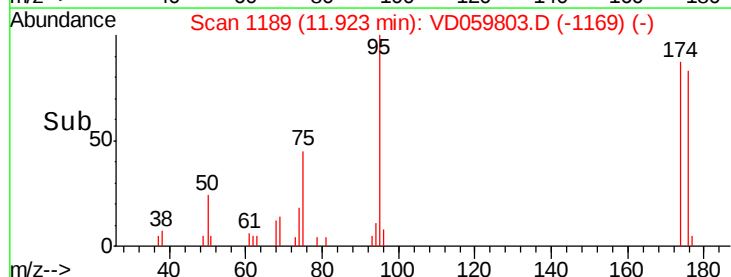
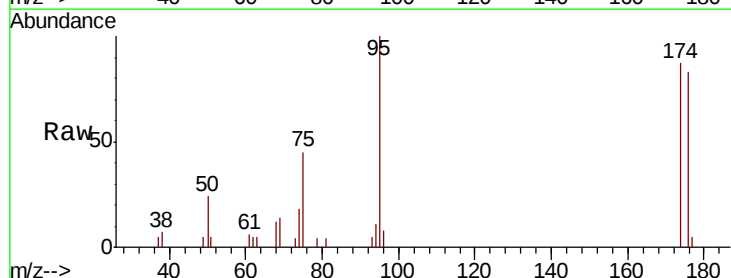
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-004-BRE

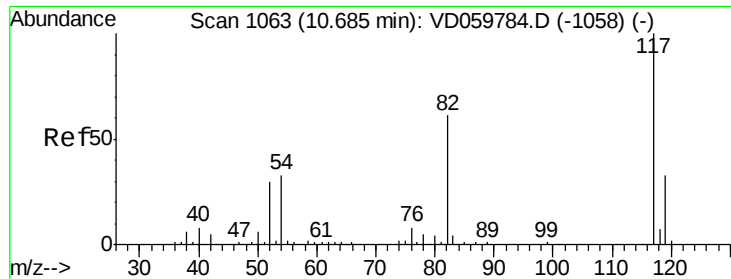
Tot Ion: 98 Resp: 18720
Ion Ratio Lower Upper
98 100
100 63.9 54.2 81.4



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD059803.D
Acq: 15 Aug 2018 18:46

Tgt Ion: 95 Resp: 9903
Ion Ratio Lower Upper
95 100
174 86.6 0.0 142.2
176 82.5 0.0 137.4

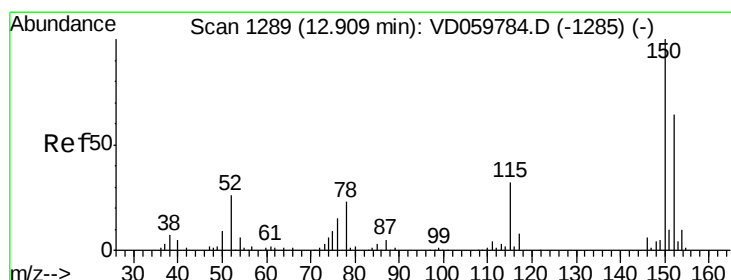
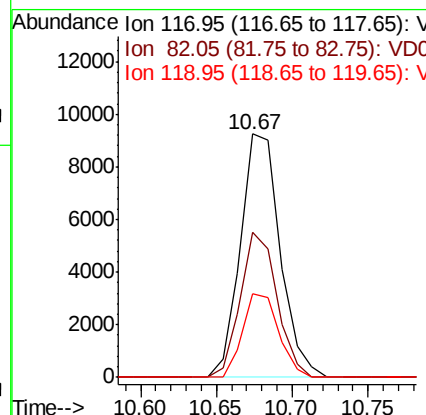
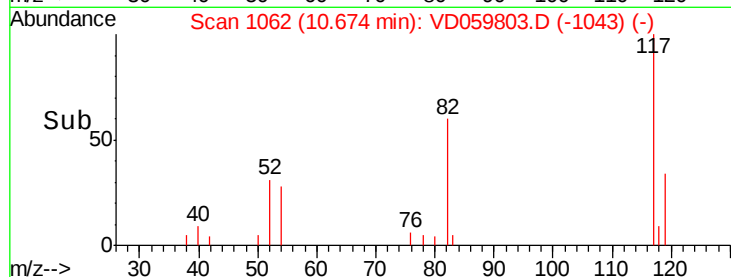
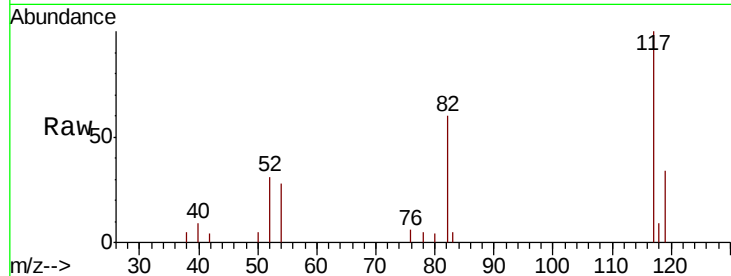




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.67 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059803.D
Acq: 15 Aug 2018 18:46

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-004-BRE

Tot Ion:117 Resp: 16890
Ion Ratio Lower Upper
117 100
82 59.8 49.0 73.6
119 34.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VD059803.D
Acq: 15 Aug 2018 18:46

Tgt Ion:152 Resp: 9759
Ion Ratio Lower Upper
152 100
115 43.2 27.2 81.5
150 136.8 0.0 312.4

