

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059811.D
 Acq On : 2 Aug 2018 20:07
 Operator : VA/AP
 Sample : J4164-07RE
 Misc : 7.53g/5mL/MSVOA F/SOIL
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-4(3-5)RE

Quant Time: Aug 03 07:40:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

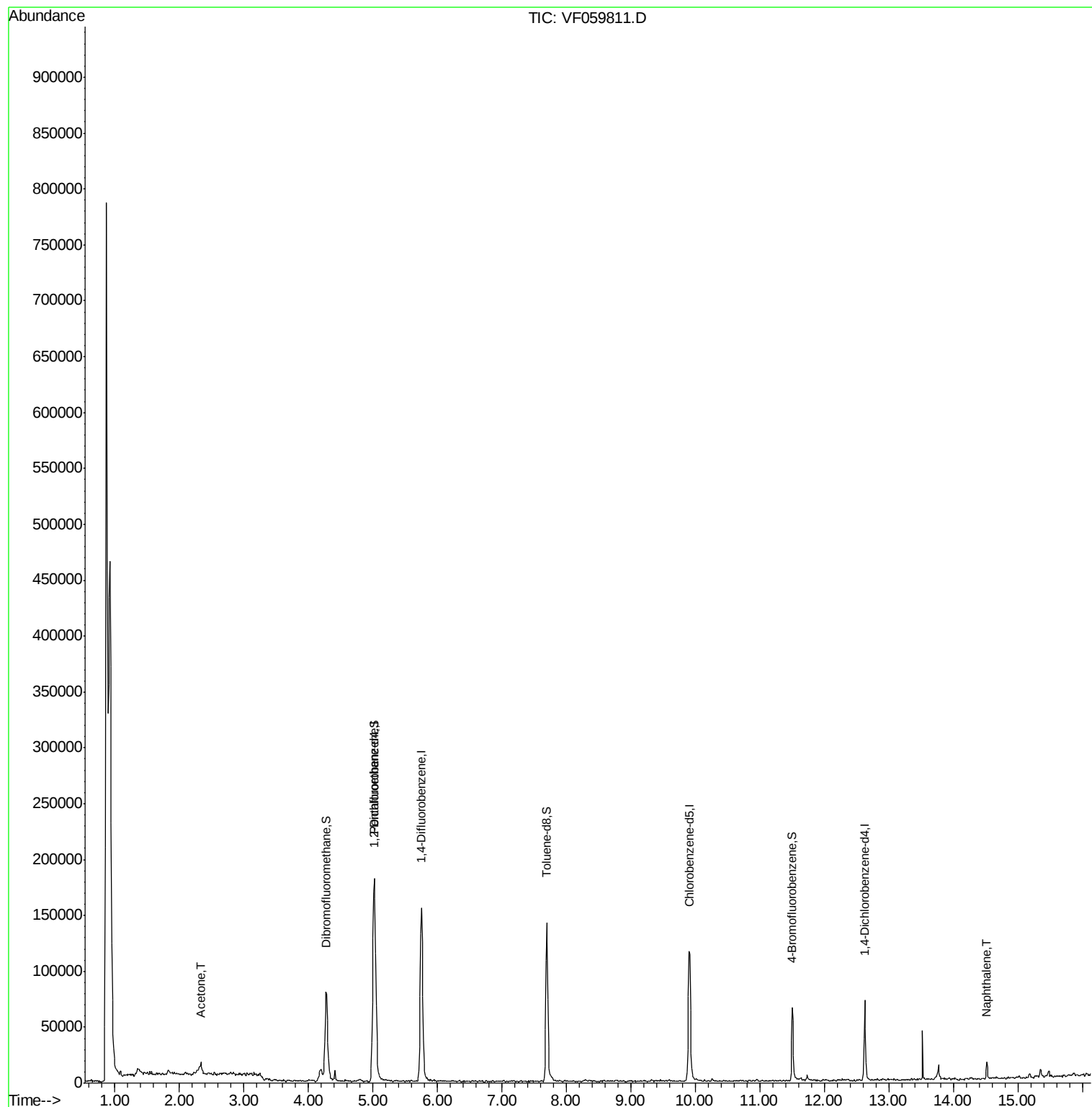
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	118373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	138862	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	78520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	17387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	76656	36.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.06%	
35) Dibromofluoromethane	4.27	113	68535	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
50) Toluene-d8	7.70	98	107224	31.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.76%	
62) 4-Bromofluorobenzene	11.50	95	23175	12.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	24.90%	
Target Compounds						
16) Acetone	2.33	43	16403	42.87	ug/l	98
95) Naphthalene	14.52	128	9565	12.76	ug/l #	92

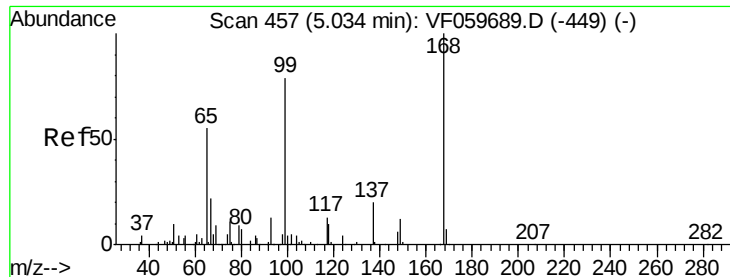
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059811.D

Acq: 2 Aug 2018 20:07

Instrument :

MSVOA_F

ClientSampleId :

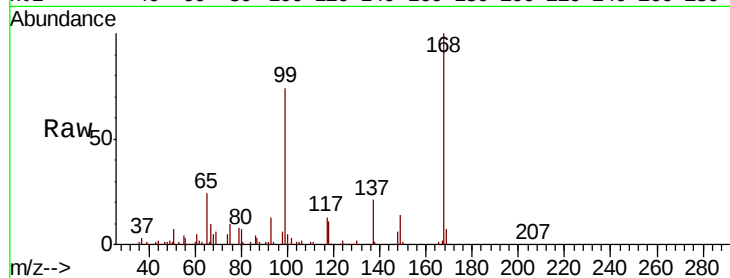
SB-4(3-5)RE

Tot Ion:168 Resp: 118373

Ion Ratio Lower Upper

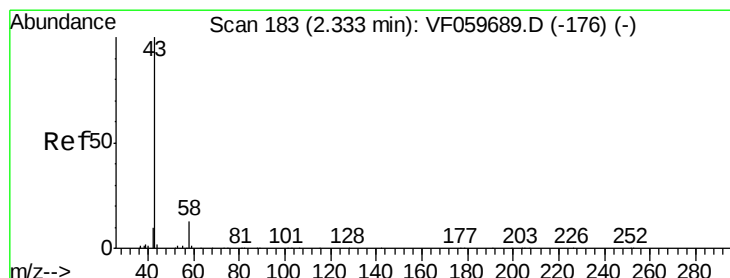
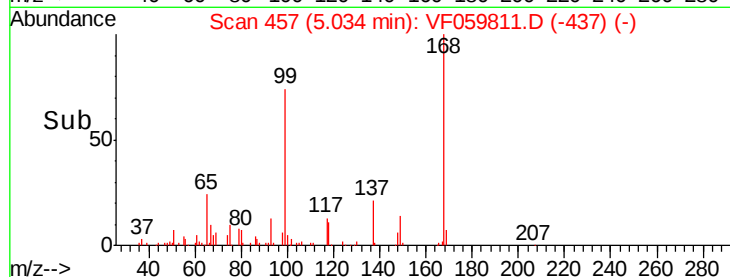
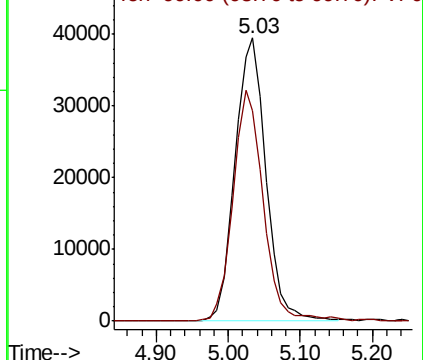
168 100

99 74.5 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 42.87 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF059811.D

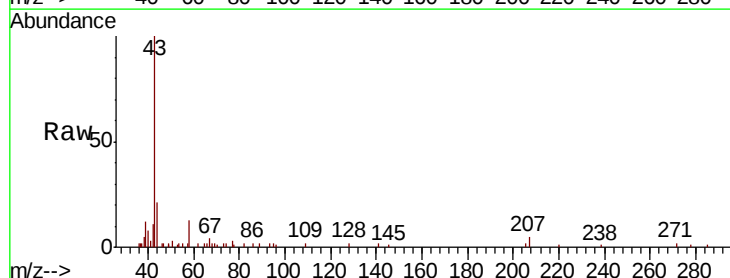
Acq: 2 Aug 2018 20:07

Tgt Ion: 43 Resp: 16403

Ion Ratio Lower Upper

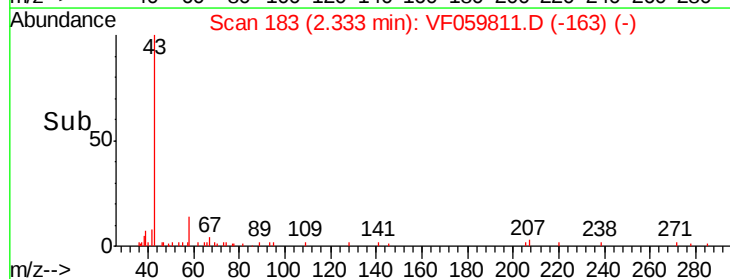
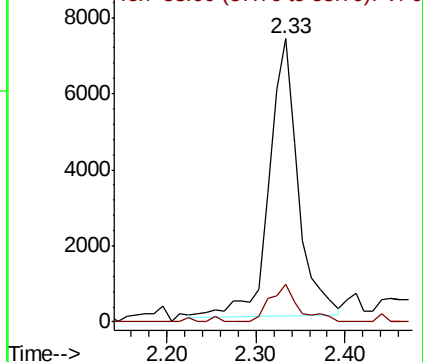
43 100

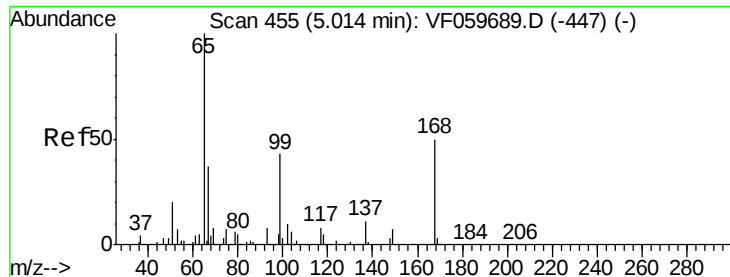
58 13.3 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 36.03 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF059811.D

Acq: 2 Aug 2018 20:07

Instrument :

MSVOA_F

ClientSampleId :

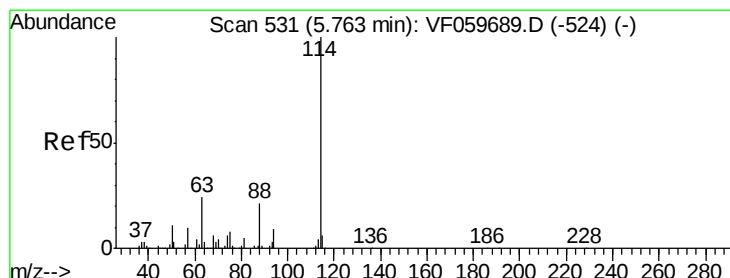
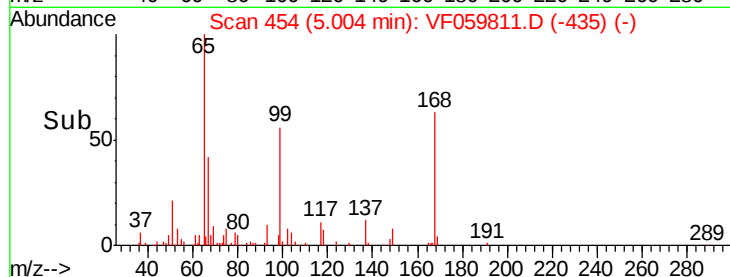
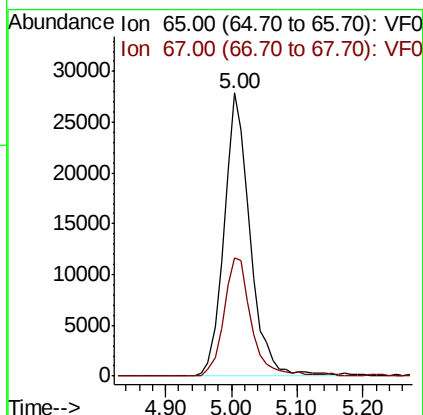
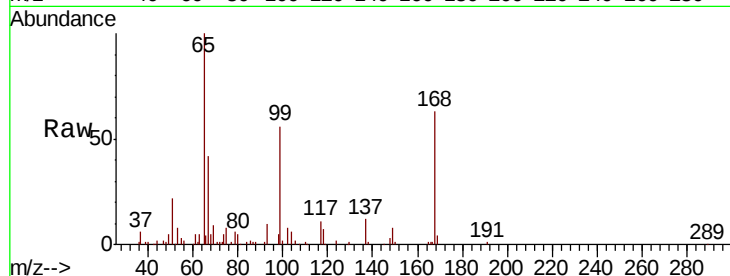
SB-4(3-5)RE

Tot Ion: 65 Resp: 76656

Ion Ratio Lower Upper

65 100

67 41.7 0.0 84.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059811.D

Acq: 2 Aug 2018 20:07

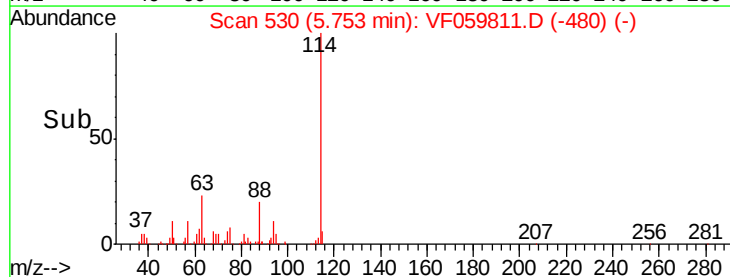
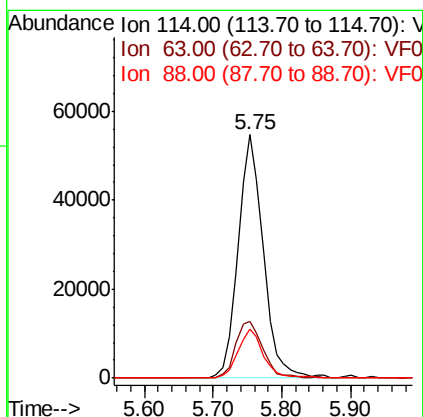
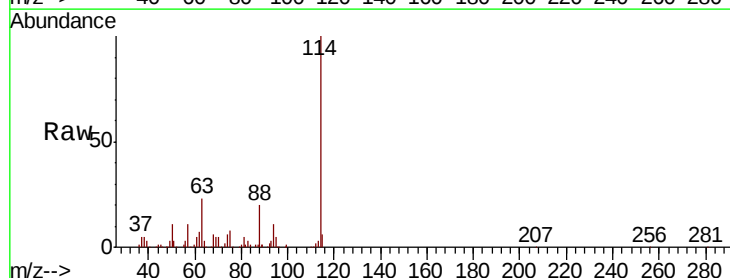
Tgt Ion: 114 Resp: 138862

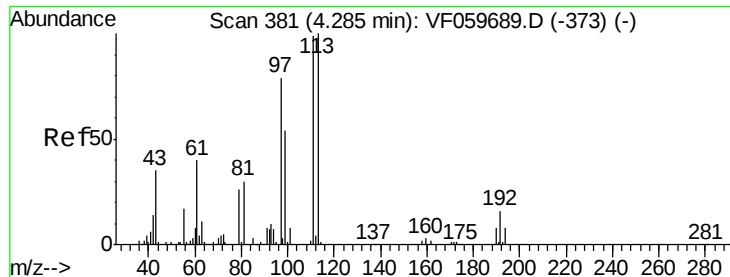
Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.4

88 20.0 0.0 41.2

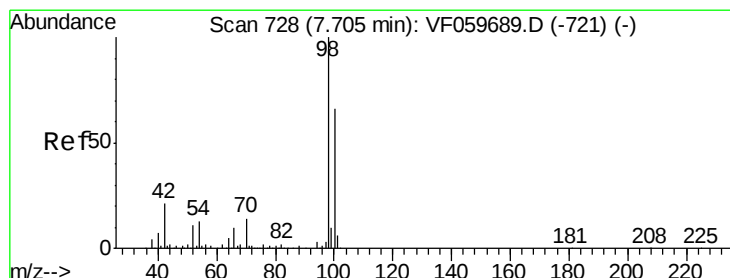
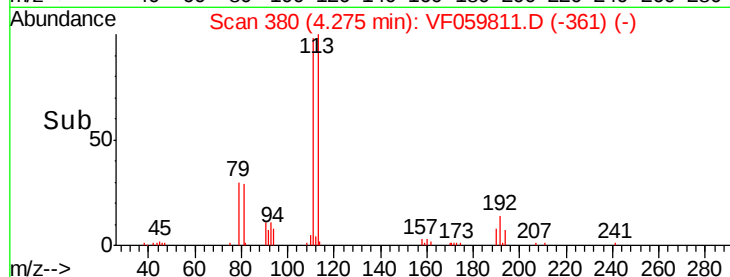
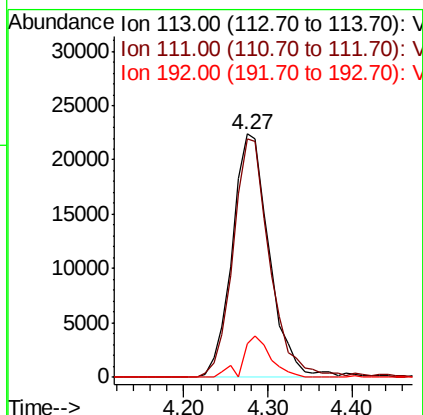
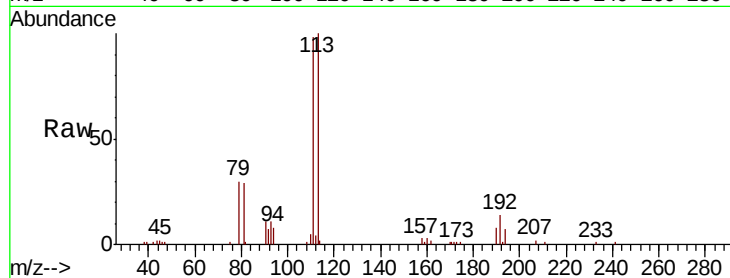




#35
 Dibromofluoromethane
 Concen: 47.52 ug/l
 RT: 4.27 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: VF059811.D
 Acq: 2 Aug 2018 20:07

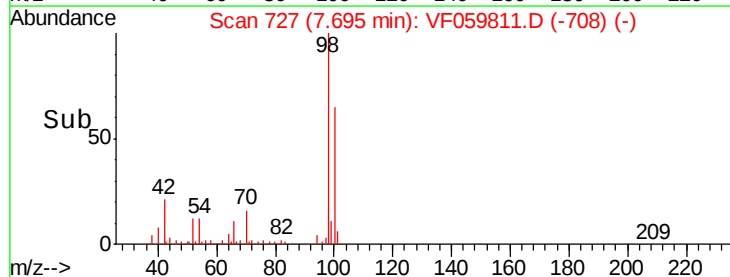
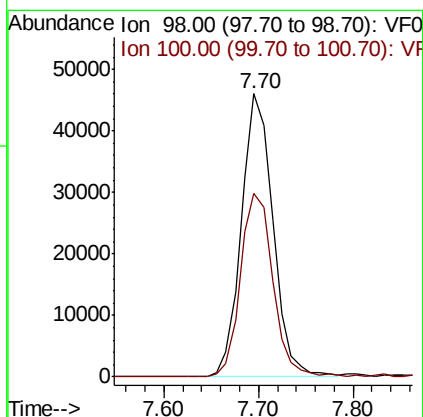
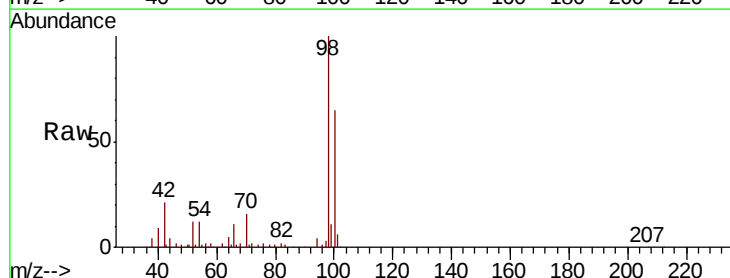
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-4(3-5)RE

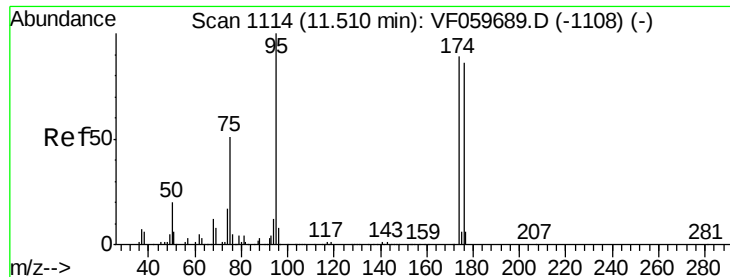
Tot Ion:113 Resp: 68535
 Ion Ratio Lower Upper
 113 100
 111 98.0 79.0 118.4
 192 14.1 13.2 19.8



#50
 Toluene-d8
 Concen: 31.88 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VF059811.D
 Acq: 2 Aug 2018 20:07

Tgt Ion: 98 Resp: 107224
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.8 79.2

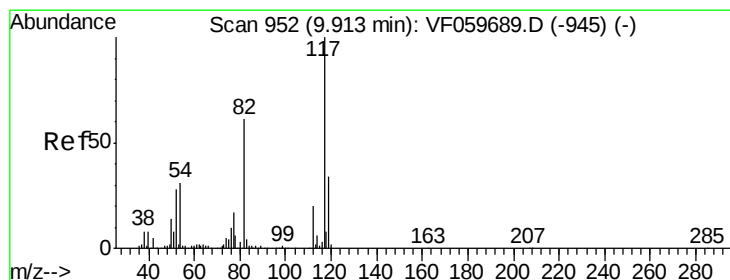
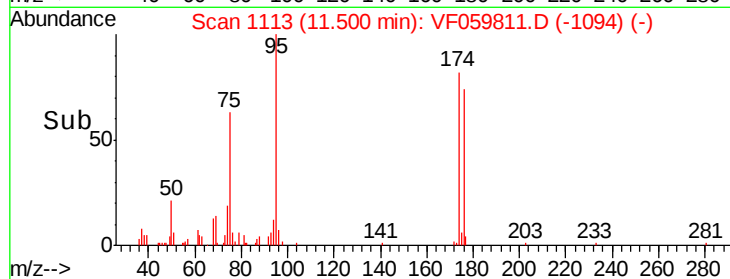
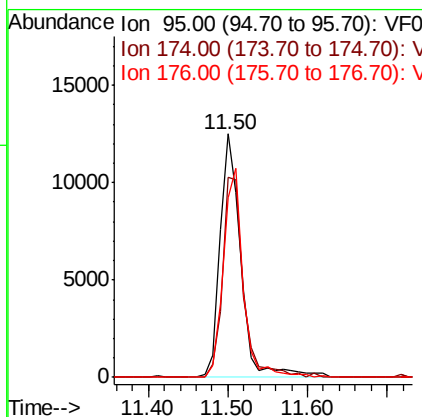
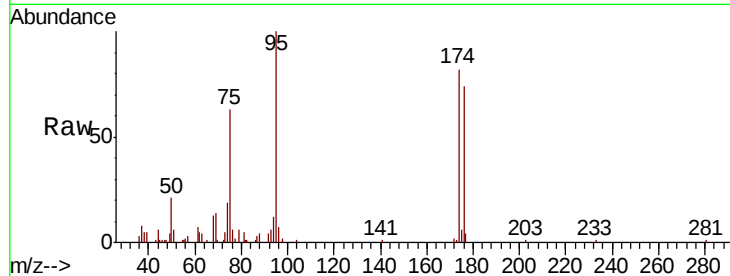




#62
4-Bromofluorobenzene
Concen: 12.45 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059811.D
Acq: 2 Aug 2018 20:07

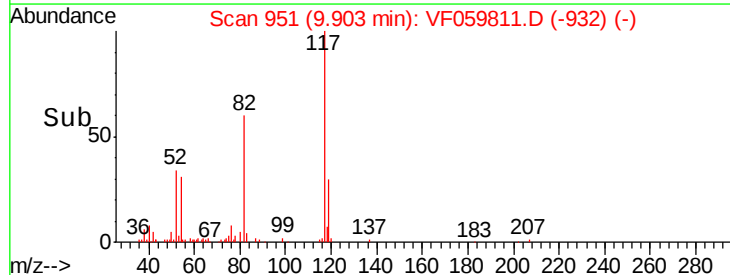
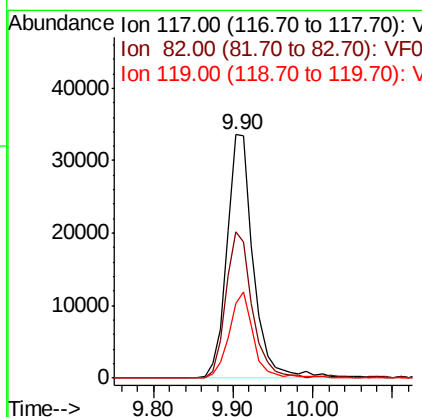
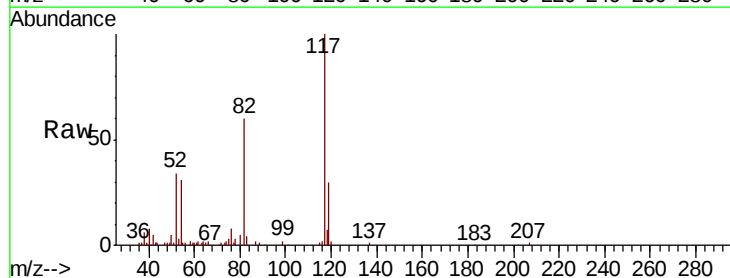
Instrument :
MSVOA_F
ClientSampleId :
SB-4(3-5)RE

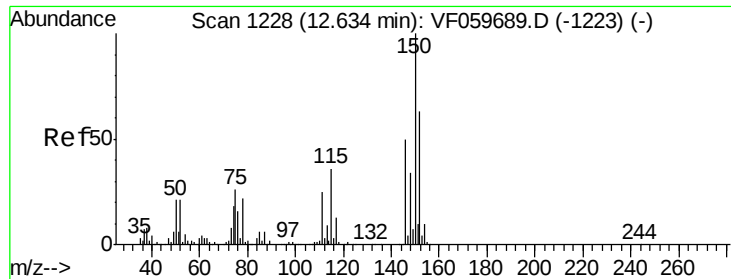
Tot Ion: 95 Resp: 23175
Ion Ratio Lower Upper
95 100
174 82.3 0.0 178.4
176 74.0 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059811.D
Acq: 2 Aug 2018 20:07

Tgt Ion: 117 Resp: 78520
Ion Ratio Lower Upper
117 100
82 60.0 49.0 73.4
119 30.5 27.3 40.9



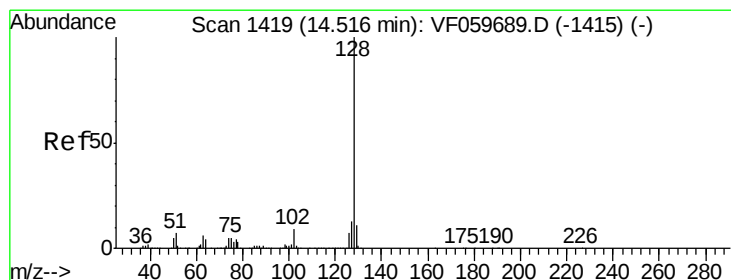
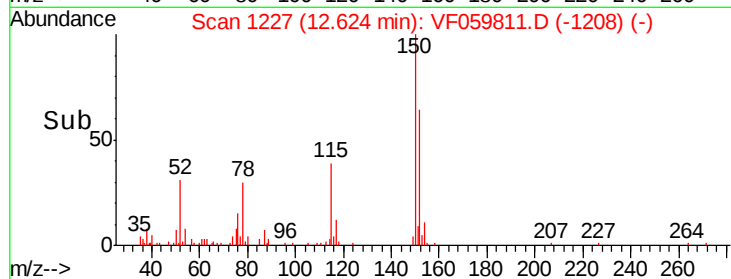
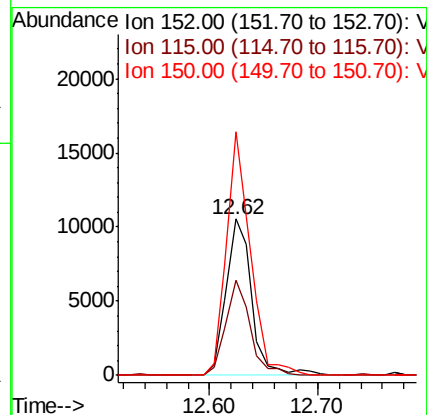
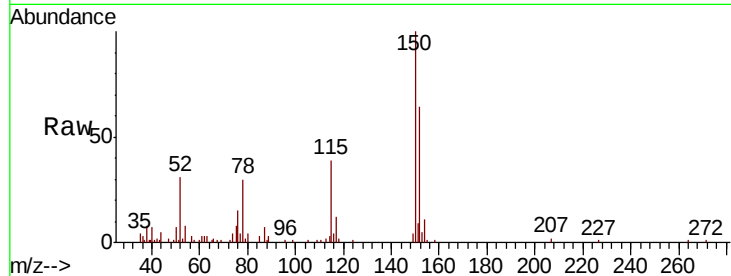


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059811.D
Acq: 2 Aug 2018 20:07

Instrument :
MSVOA_F
ClientSampleId :
SB-4(3-5)RE

Tot Ion:152 Resp: 17387
Ion Ratio Lower Upper
152 100
115 61.2 28.2 84.6
150 155.6 0.0 316.2



#95

Naphthalene
Concen: 12.76 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. 0.00 min
Lab File: VF059811.D
Acq: 2 Aug 2018 20:07

Tgt Ion:128 Resp: 9565
Ion Ratio Lower Upper
128 100
127 14.5 10.0 15.0
129 6.6 8.6 13.0#

