

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059860.D
 Acq On : 4 Aug 2018 1:03
 Operator : VA/AP
 Sample : J4318-05
 Misc : 3.86g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BEEBEE-SITE-DEMO-2A

Quant Time: Aug 04 05:07:46 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	5.04	168	183653	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	278867	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	267174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	158461	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	157202	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
35) Dibromofluoromethane	4.29	113	128202	44.26	ug/l	0.01
Spiked Amount	50.000		Recovery	=	88.52%	
50) Toluene-d8	7.71	98	240450	35.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.20%	
62) 4-Bromofluorobenzene	11.51	95	119439	31.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.88%	

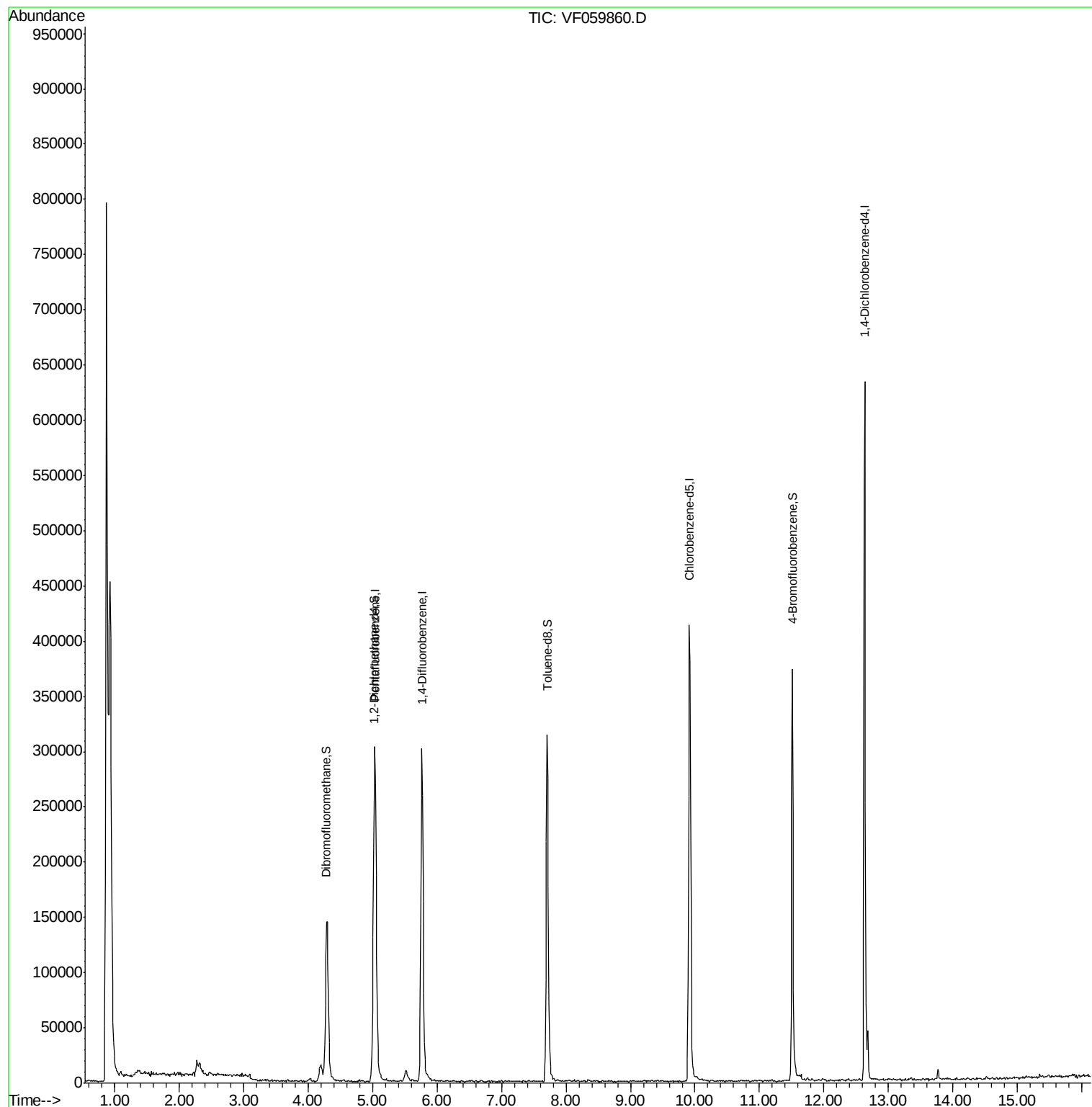
Target Compounds	Qvalue

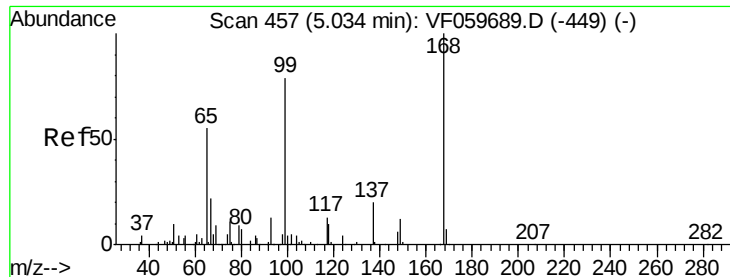
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059860.D

Acq: 4 Aug 2018 1:03

Instrument :

MSVOA_F

ClientSampleId :

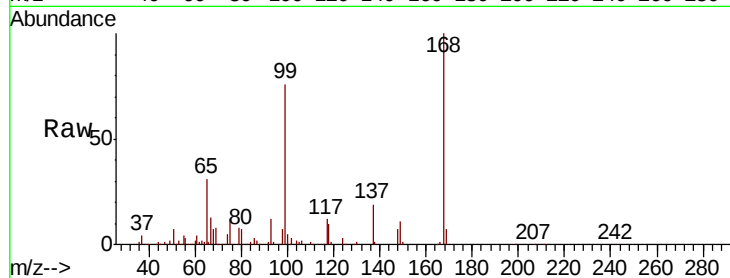
BEEBEE-SITE-DEMO-2A

Tot Ion:168 Resp: 183653

Ion Ratio Lower Upper

168 100

99 76.2 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

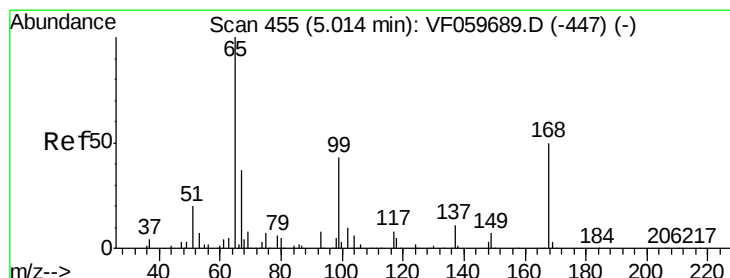
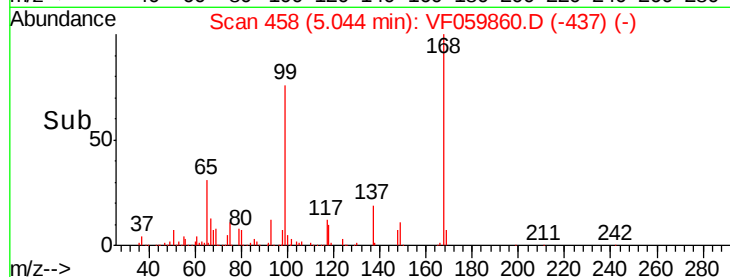
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 47.63 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059860.D

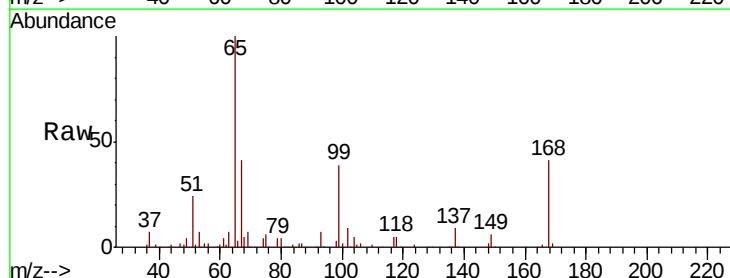
Acq: 4 Aug 2018 1:03

Tgt Ion: 65 Resp: 157202

Ion Ratio Lower Upper

65 100

67 41.3 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

60000

50000

40000

30000

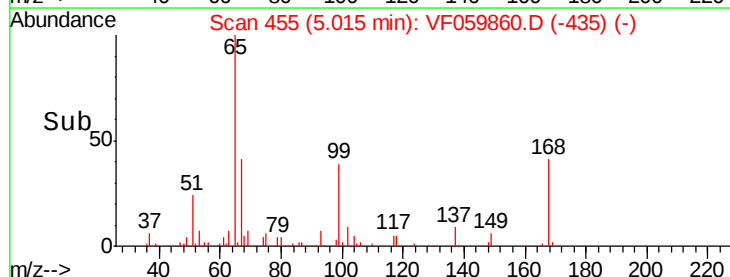
20000

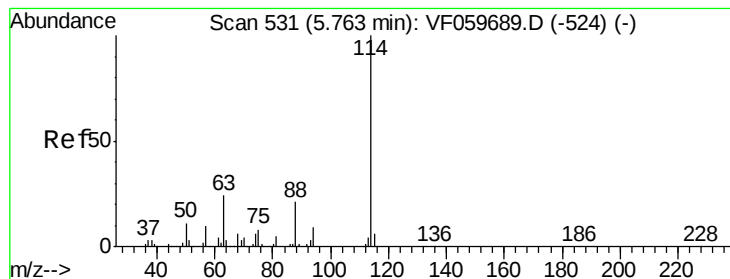
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059860.D

Acq: 4 Aug 2018 1:03

Instrument :

MSVOA_F

ClientSampleId :

BEEBEE-SITE-DEMO-2A

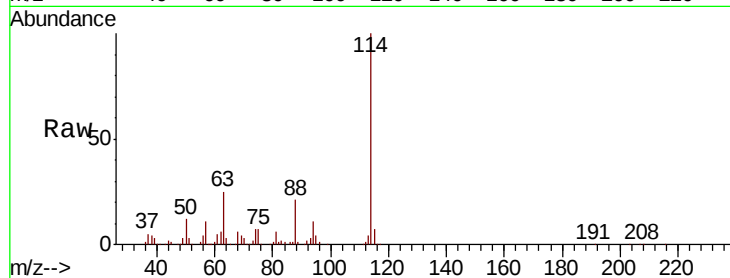
Tot Ion:114 Resp: 278867

Ion Ratio Lower Upper

114 100

63 24.6 0.0 47.4

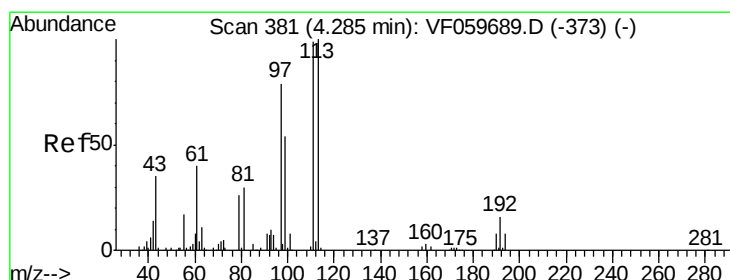
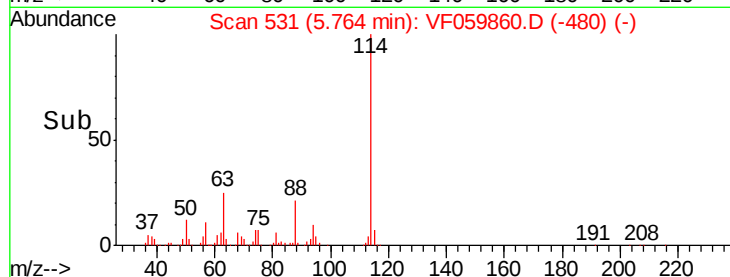
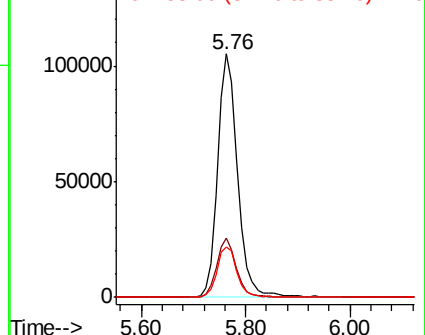
88 20.9 0.0 41.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 44.26 ug/l

RT: 4.29 min Scan# 382

Delta R.T. 0.01 min

Lab File: VF059860.D

Acq: 4 Aug 2018 1:03

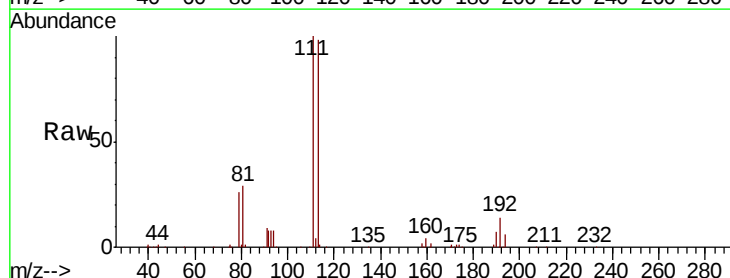
Tgt Ion:113 Resp: 128202

Ion Ratio Lower Upper

113 100

111 101.7 79.0 118.4

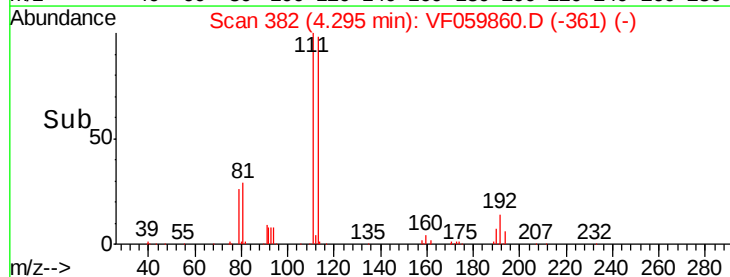
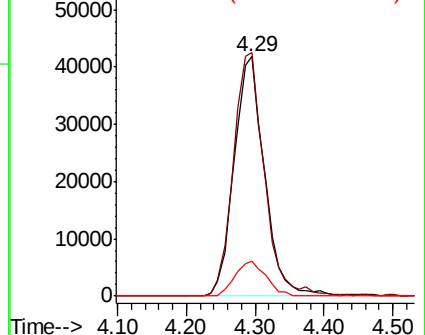
192 14.6 13.2 19.8

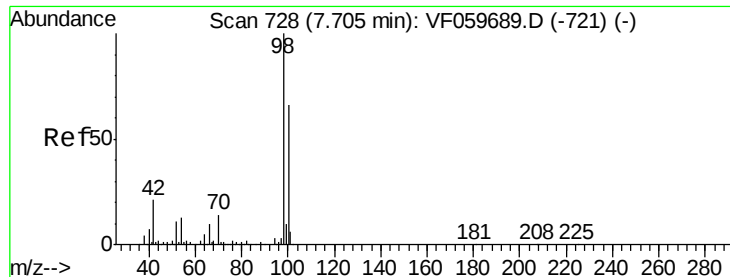


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

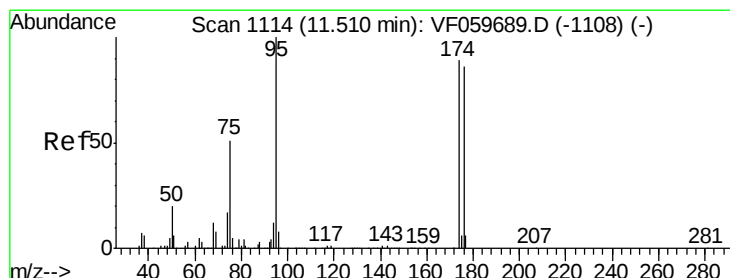
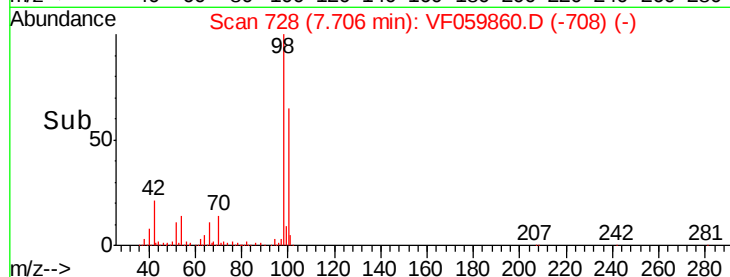
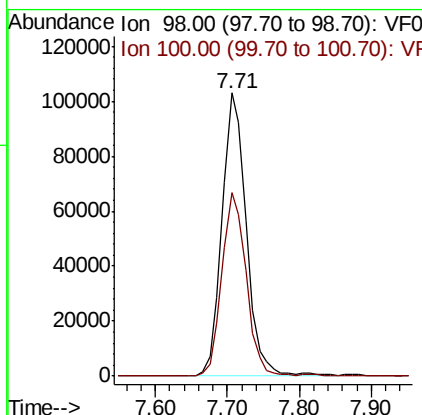
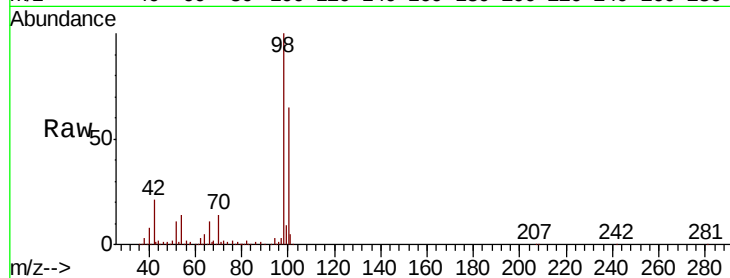




#50
Toluene-d8
Concen: 35.60 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059860.D
Acq: 4 Aug 2018 1:03

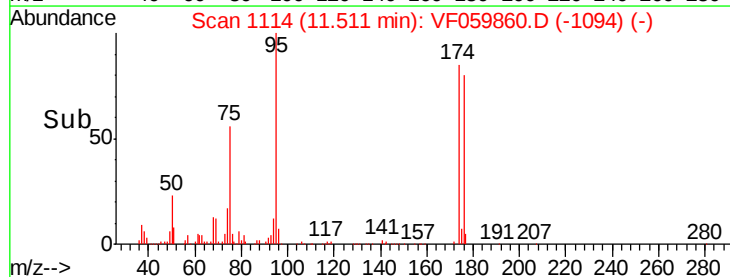
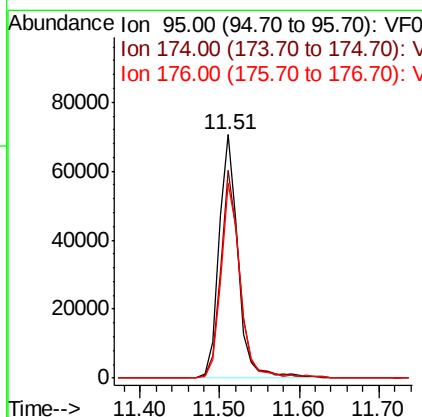
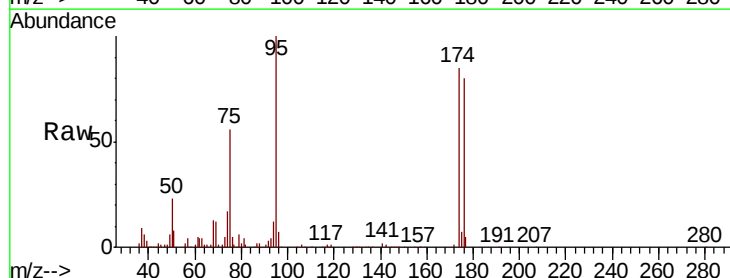
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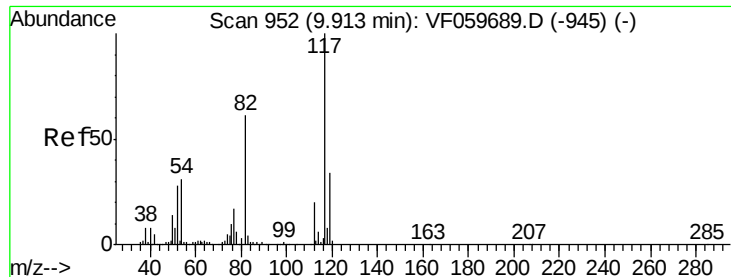
Tot Ion: 98 Resp: 240450
Ion Ratio Lower Upper
98 100
100 64.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 31.94 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059860.D
Acq: 4 Aug 2018 1:03

Tgt Ion: 95 Resp: 119439
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.4
176 80.2 0.0 173.0

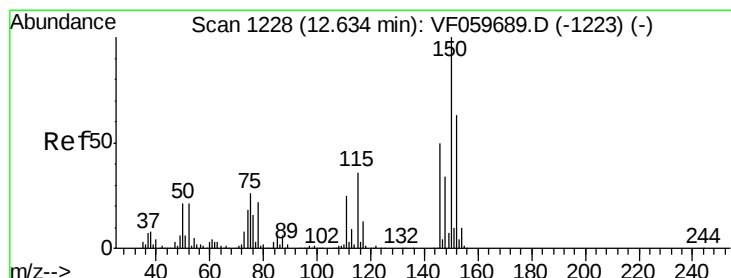
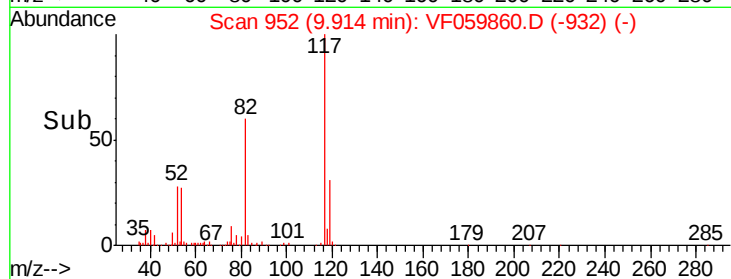
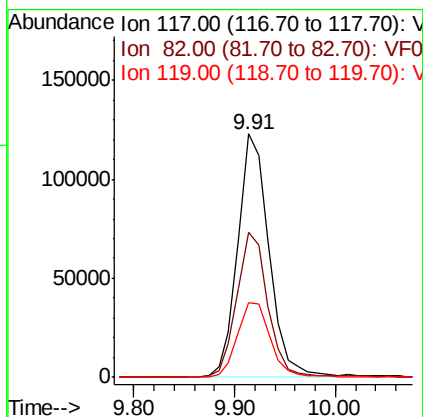
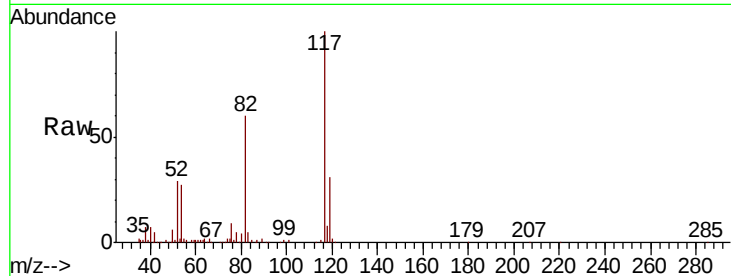




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059860.D
Acq: 4 Aug 2018 1:03

Instrument :
MSVOA_F
ClientSampleId :
BEEBEE-SITE-DEMO-2A

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.7	49.0	73.4
119	30.6	27.3	40.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059860.D
Acq: 4 Aug 2018 1:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	28.2	84.6
150	156.2	0.0	316.2

