

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059859.D
 Acq On : 4 Aug 2018 00:36
 Operator : VA/AP
 Sample : J4318-03
 Misc : 4.82g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

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

Quant Time: Aug 04 05:04:45 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	164548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	241220	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	198810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	68632	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	146539	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
35) Dibromofluoromethane	4.29	113	117247	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
50) Toluene-d8	7.71	98	200813	34.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.74%	
62) 4-Bromofluorobenzene	11.51	95	75364	23.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.60%	

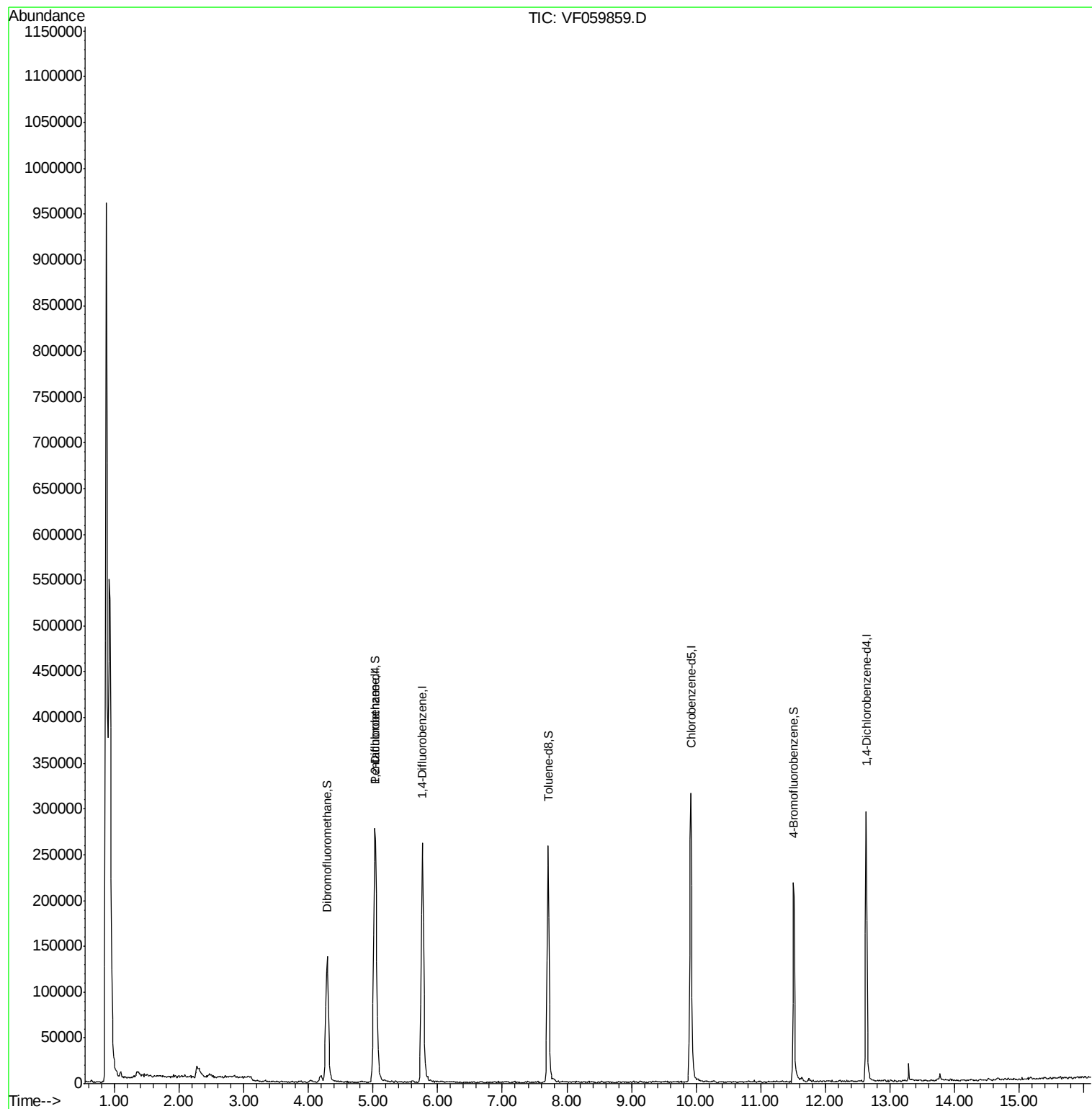
Target Compounds	Qvalue
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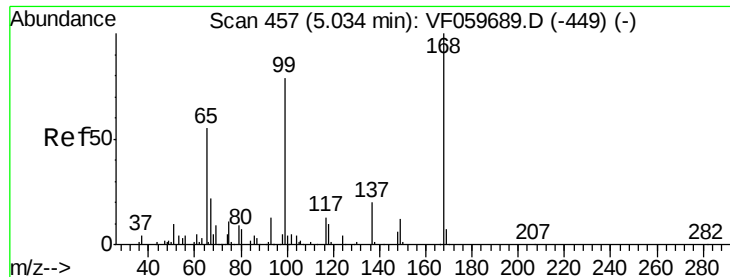
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 457

Delta R.T. 0.01 min

Lab File: VF059859.D

Acq: 4 Aug 2018 00:36

Instrument :

MSVOA_F

ClientSampleId :

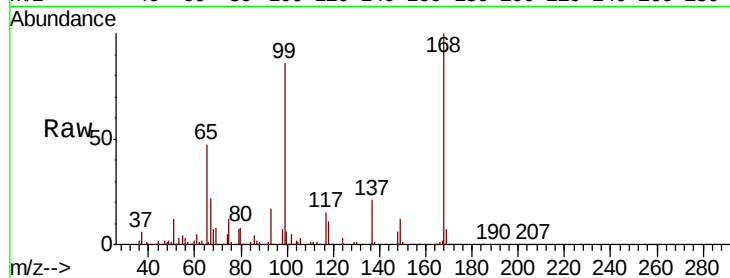
BEEBEE-SITE-DEMO-2

Tot Ion:168 Resp: 164548

Ion Ratio Lower Upper

168 100

99 85.6 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

50000

40000

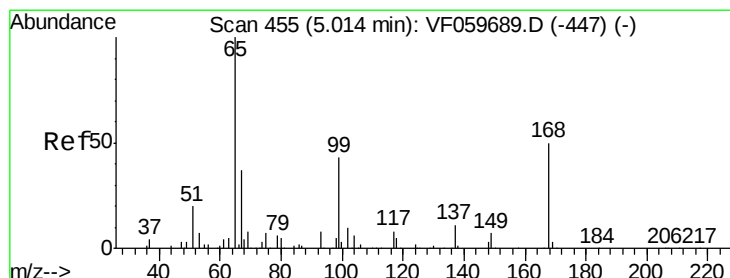
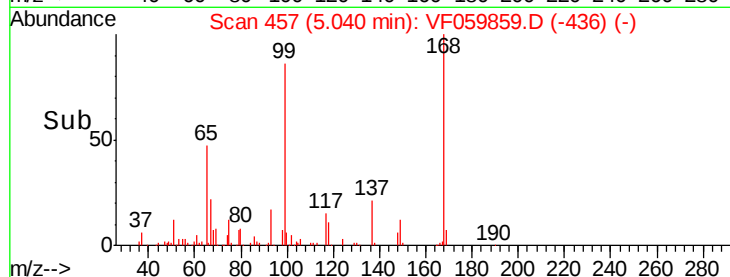
30000

20000

10000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.55 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059859.D

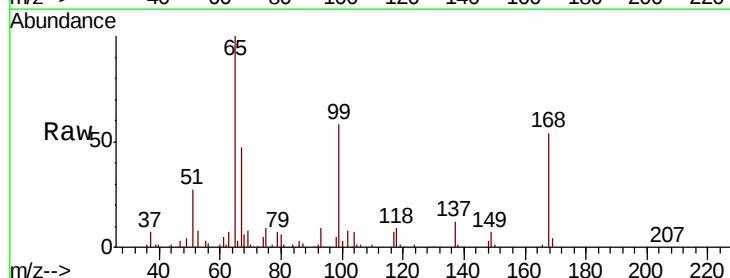
Acq: 4 Aug 2018 00:36

Tgt Ion: 65 Resp: 146539

Ion Ratio Lower Upper

65 100

67 47.0 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

60000

50000

40000

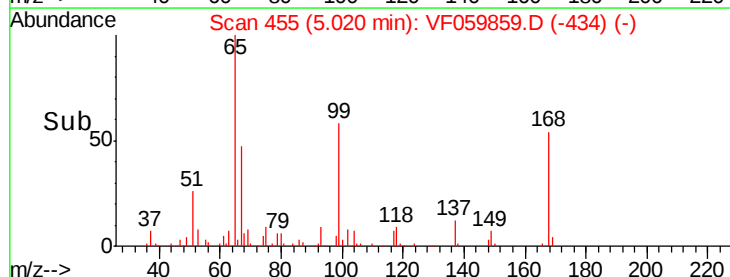
30000

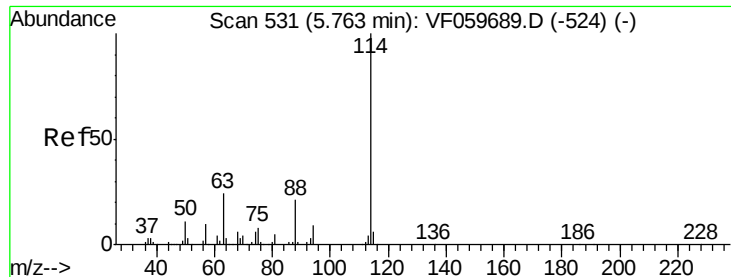
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059859.D

Acq: 4 Aug 2018 00:36

Instrument :

MSVOA_F

ClientSampleId :

BEEBEE-SITE-DEMO-2

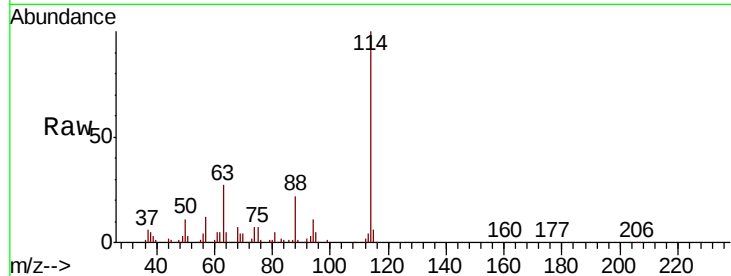
Tot Ion:114 Resp: 241220

Ion Ratio Lower Upper

114 100

63 26.7 0.0 47.4

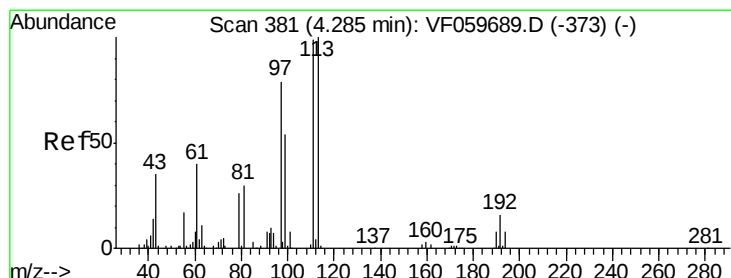
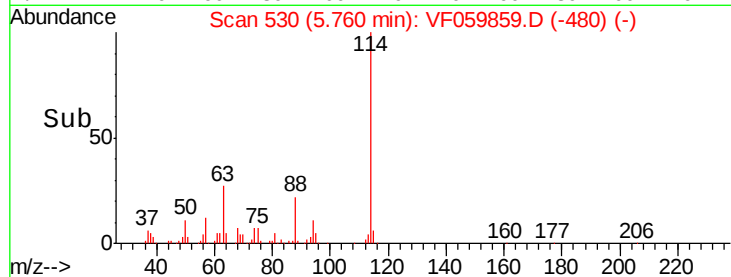
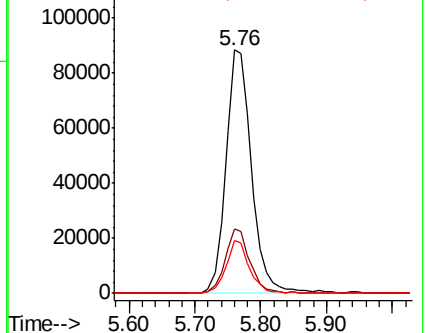
88 21.9 0.0 41.2



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: 46.80 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059859.D

Acq: 4 Aug 2018 00:36

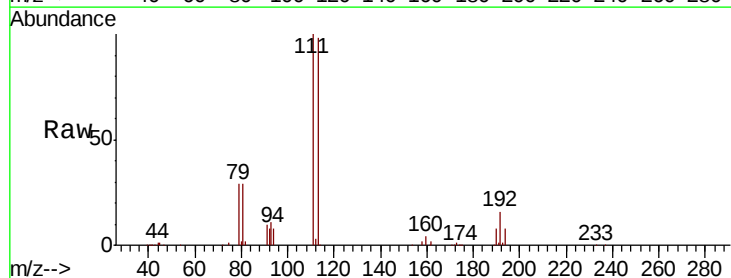
Tgt Ion:113 Resp: 117247

Ion Ratio Lower Upper

113 100

111 101.7 79.0 118.4

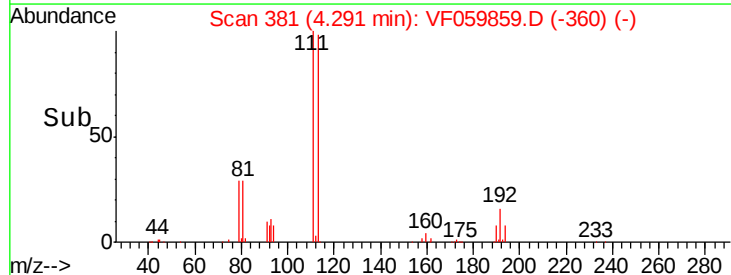
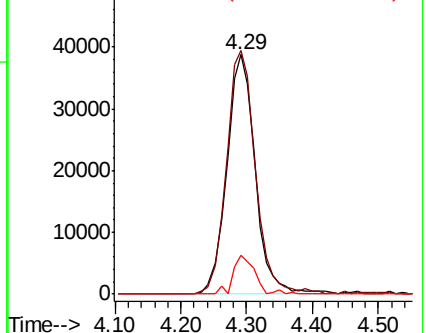
192 16.5 13.2 19.8

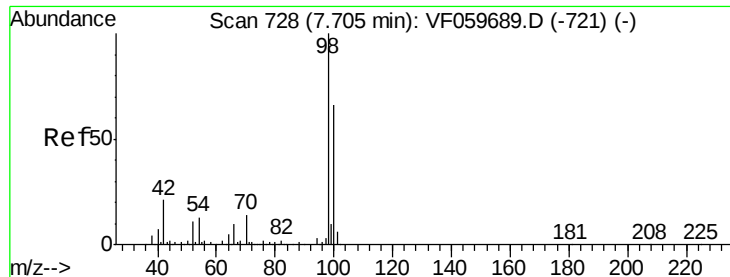


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 34.37 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.01 min

Lab File: VF059859.D

Acq: 4 Aug 2018 00:36

Instrument :

MSVOA_F

ClientSampleId :

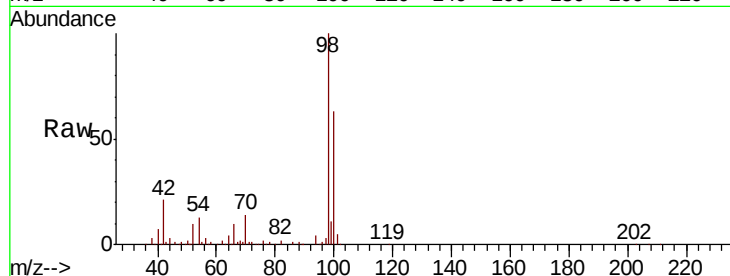
BEEBEE-SITE-DEMO-2

Tot Ion: 98 Resp: 200813

Ion Ratio Lower Upper

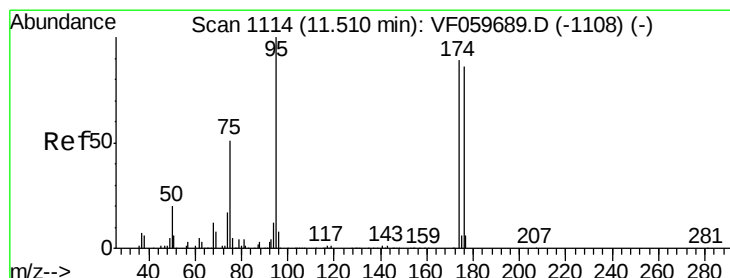
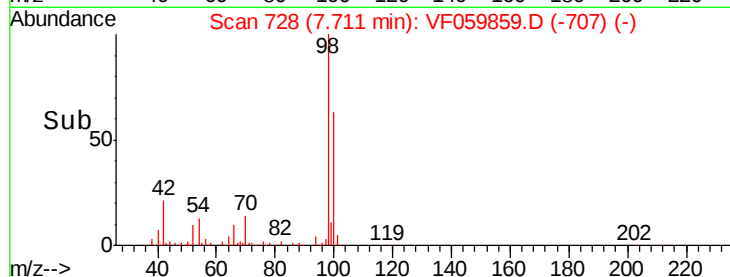
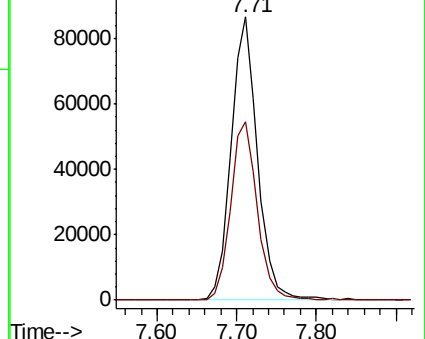
98 100

100 63.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 23.30 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059859.D

Acq: 4 Aug 2018 00:36

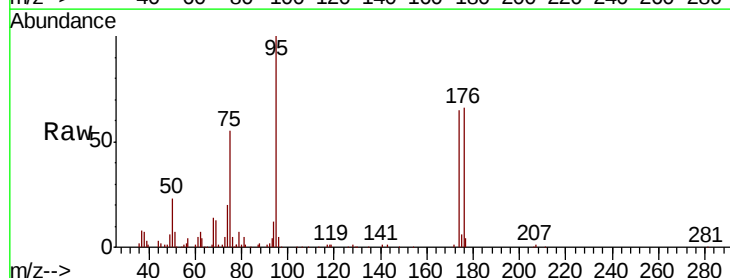
Tgt Ion: 95 Resp: 75364

Ion Ratio Lower Upper

95 100

174 65.5 0.0 178.4

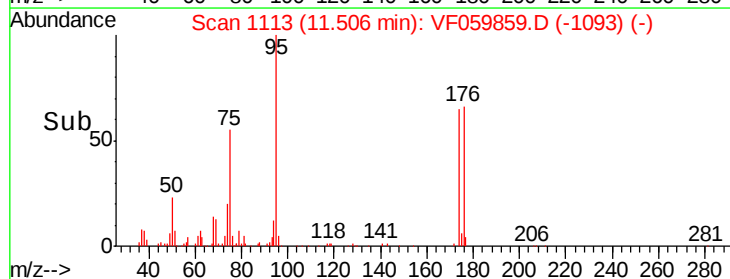
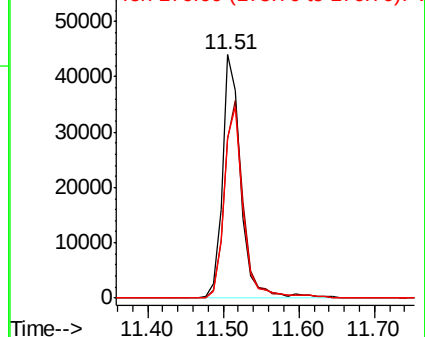
176 65.7 0.0 173.0

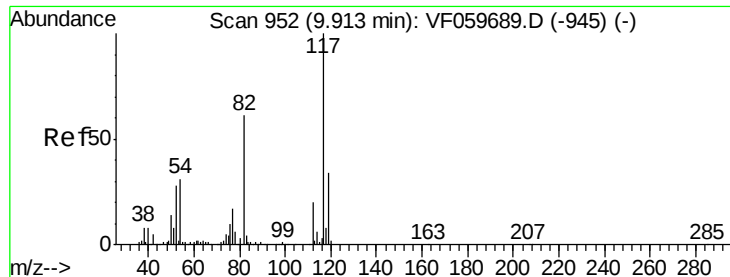


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

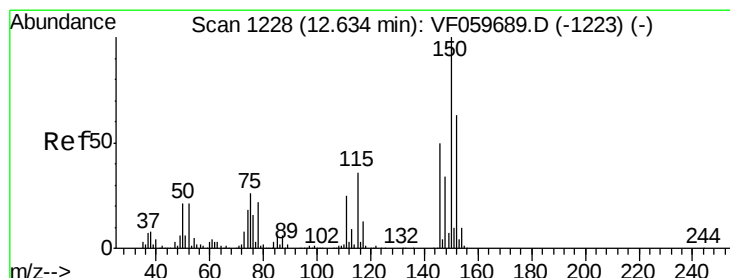
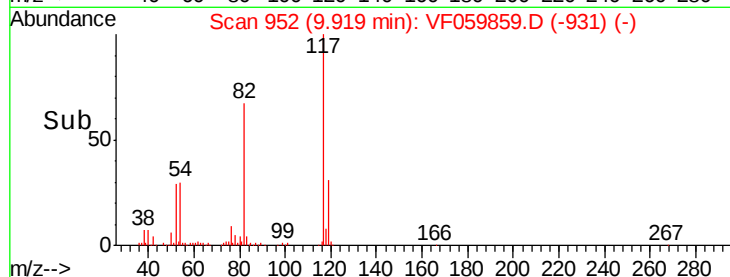
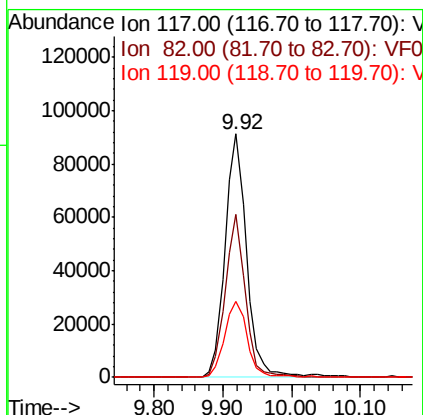
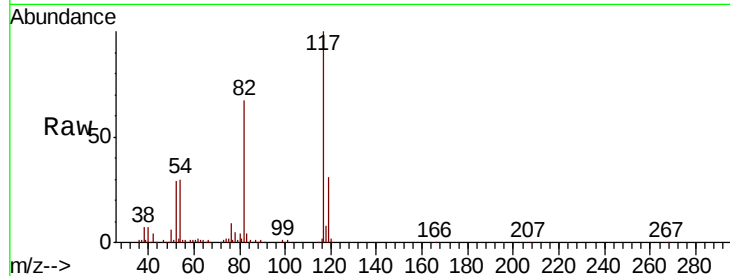




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059859.D
Acq: 4 Aug 2018 00:36

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	66.9	49.0	73.4
119	31.2	27.3	40.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059859.D
Acq: 4 Aug 2018 00:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	28.2	84.6
150	148.7	0.0	316.2

