

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080618\
 Data File : VF059891.D
 Acq On : 6 Aug 2018 22:25
 Operator : VA/AP
 Sample : J4318-07RE
 Misc : 4.39g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BEEBEE-SITE-DEMO-3RE

Quant Time: Aug 07 04:12:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	153373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	216501	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	162552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	57040	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	114958	41.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.16%	
35) Dibromofluoromethane	4.29	113	91878	42.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.30%	
50) Toluene-d8	7.71	98	141298	30.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.66%	
62) 4-Bromofluorobenzene	11.51	95	52155	20.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.50%	

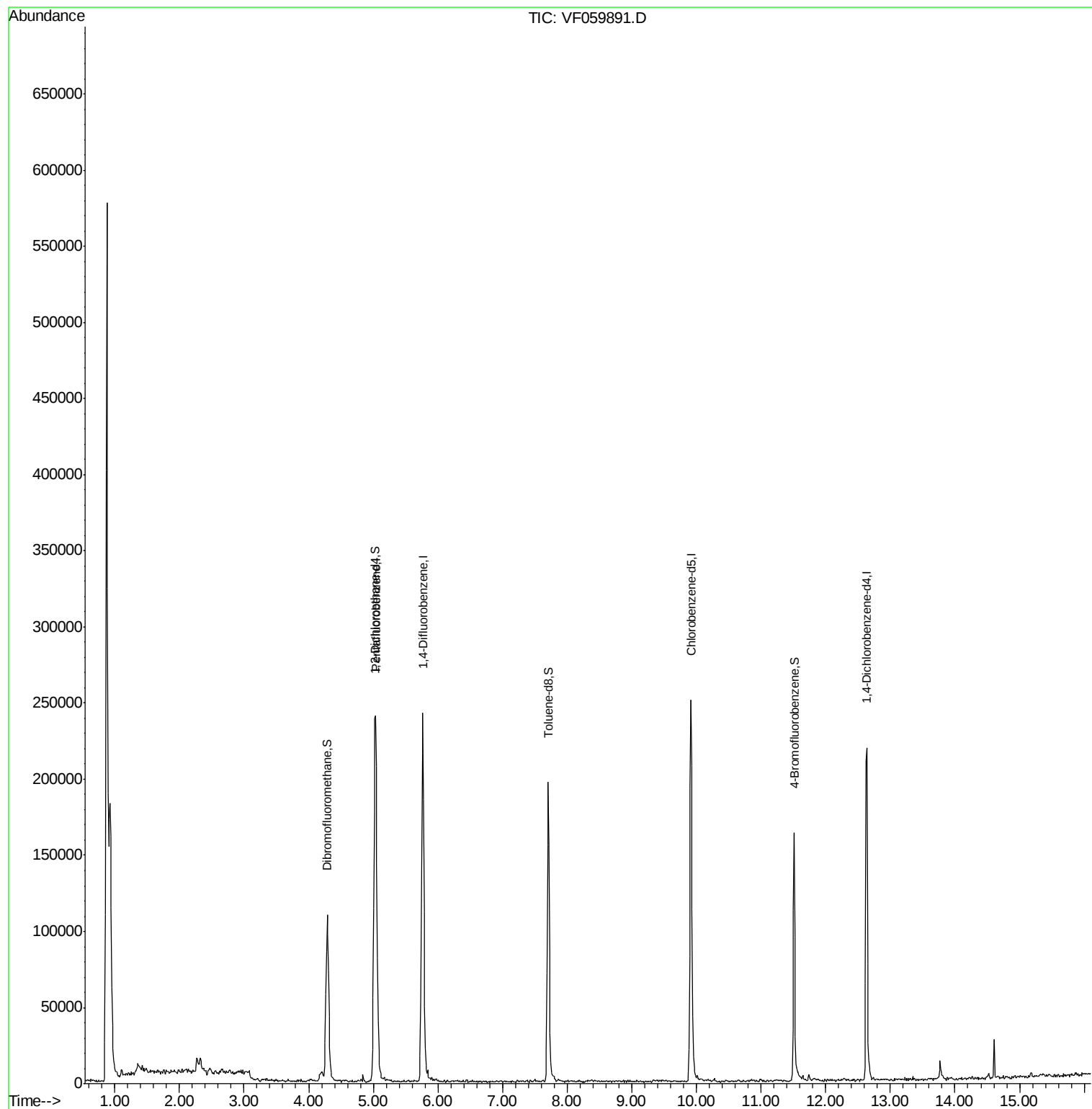
Target Compounds	Qvalue
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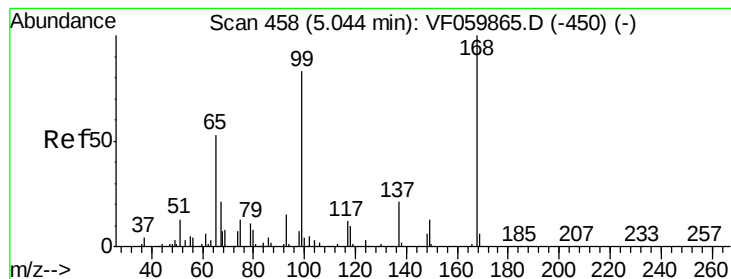
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.00 min

Lab File: VF059891.D

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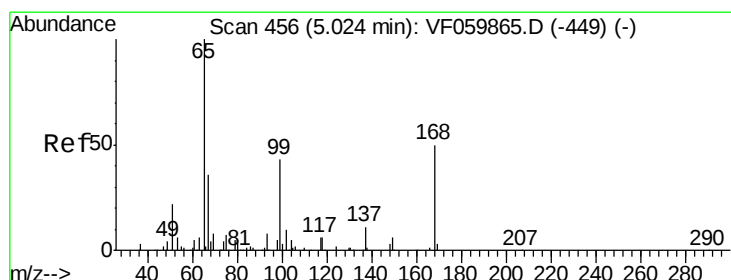
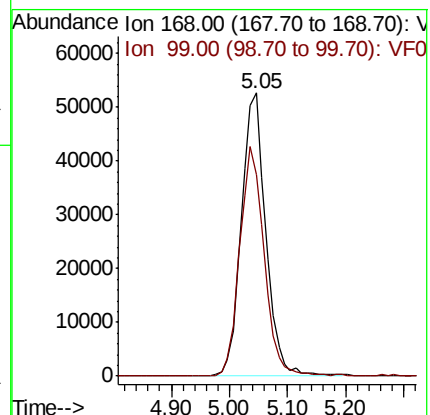
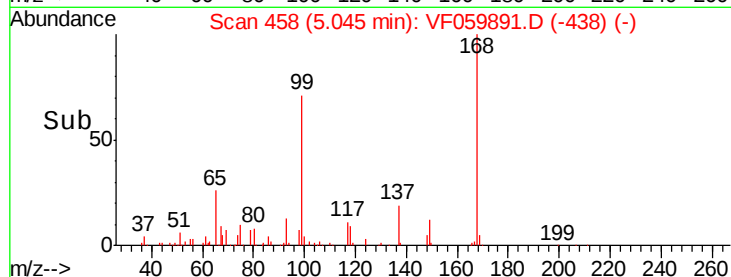
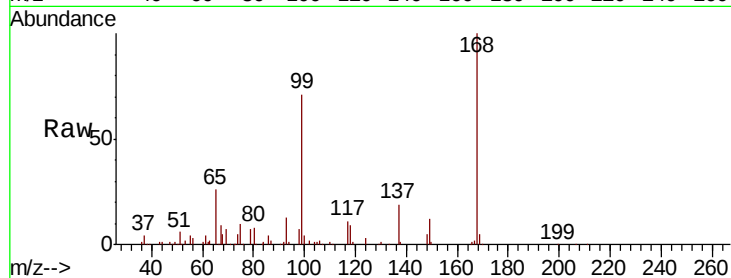
Instrument :
MSVOA_F
ClientSampleId :
BEEBEE-SITE-DEMO-3RE

Tot Ion:168 Resp: 153373

Ion Ratio Lower Upper

168 100

99 71.0 66.3 99.5



#33

1,2-Dichloroethane-d4

Concen: 41.58 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059891.D

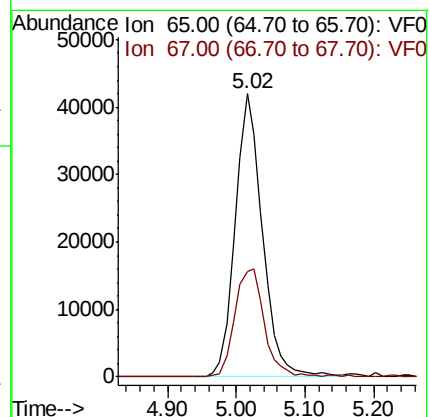
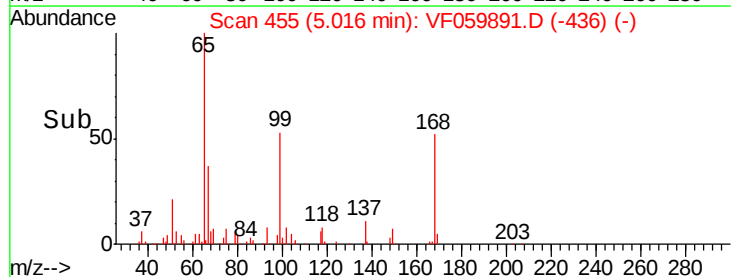
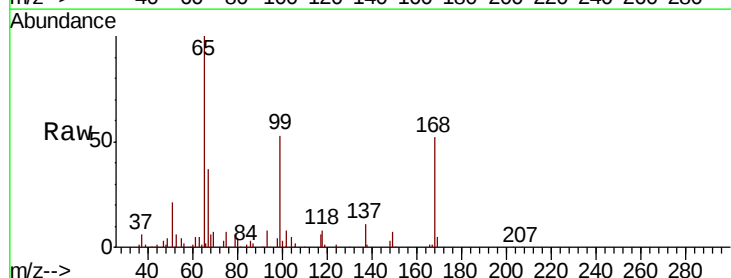
Acq: 6 Aug 2018 22:25

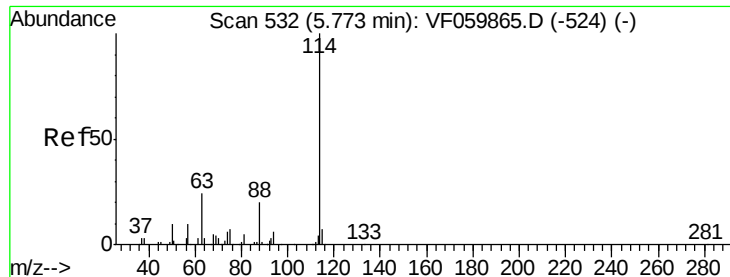
Tgt Ion: 65 Resp: 114958

Ion Ratio Lower Upper

65 100

67 37.1 0.0 77.2

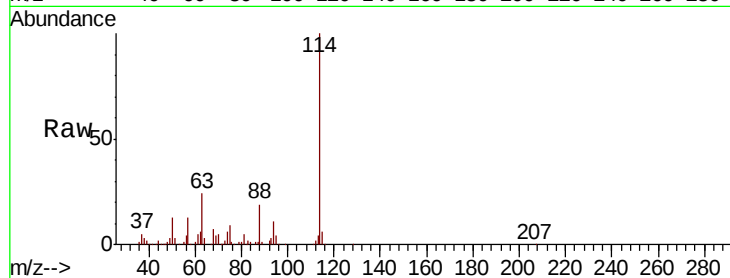




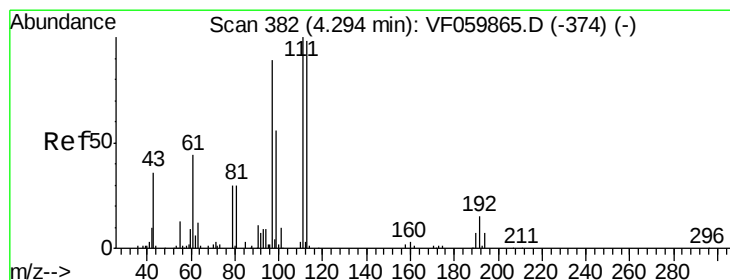
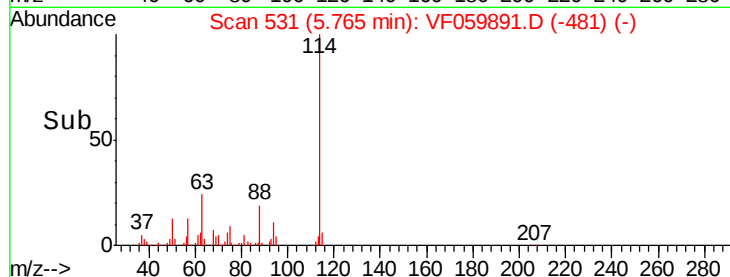
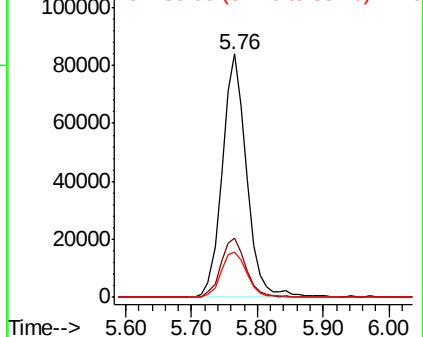
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VF059891.D
 Acq: 6 Aug 2018 22:25

Instrument :
 MSVOA_F
 ClientSampleId :
 BEEBEE-SITE-DEMO-3RE

Tot Ion:114 Resp: 216501
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.0
 88 18.8 0.0 39.4

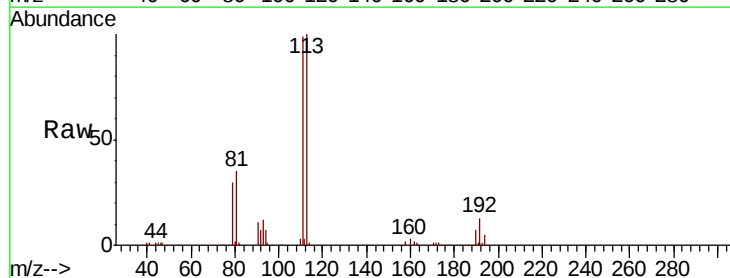


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

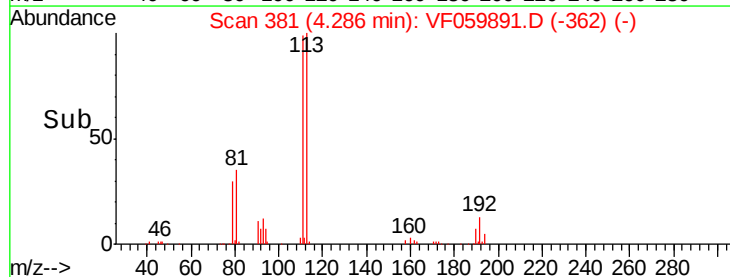
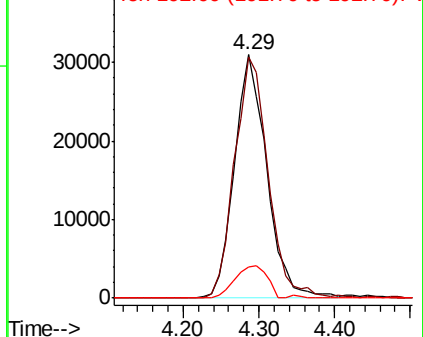


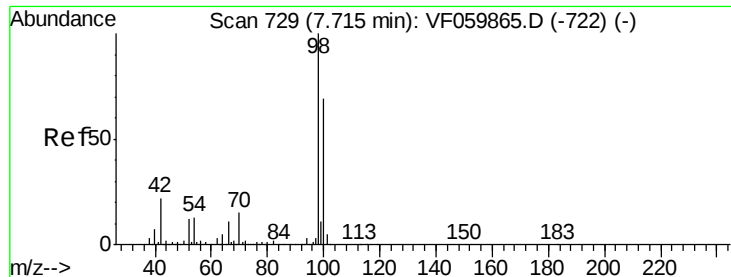
#35
 Dibromofluoromethane
 Concen: 42.65 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VF059891.D
 Acq: 6 Aug 2018 22:25

Tgt Ion:113 Resp: 91878
 Ion Ratio Lower Upper
 113 100
 111 98.3 81.8 122.8
 192 12.9 12.4 18.6



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: 30.83 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF059891.D

Acq: 6 Aug 2018 22:25

Instrument :

MSVOA_F

ClientSampleId :

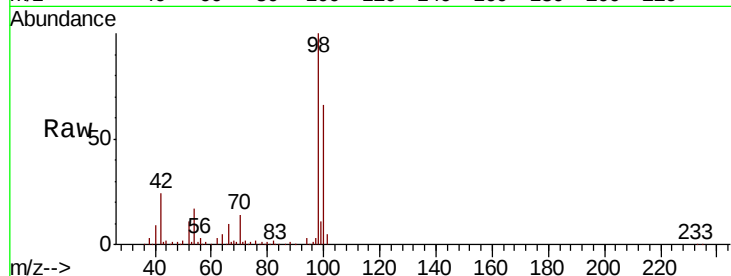
BEEBEE-SITE-DEMO-3RE

Tot Ion: 98 Resp: 141298

Ion Ratio Lower Upper

98 100

100 65.9 55.0 82.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

60000

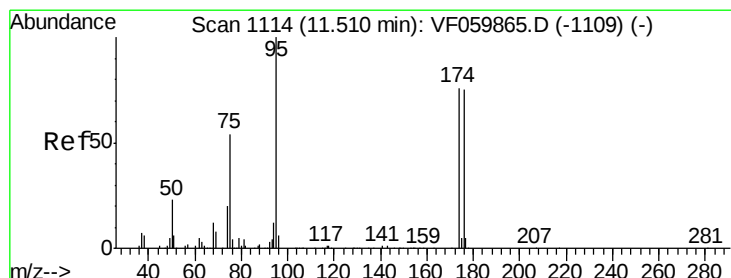
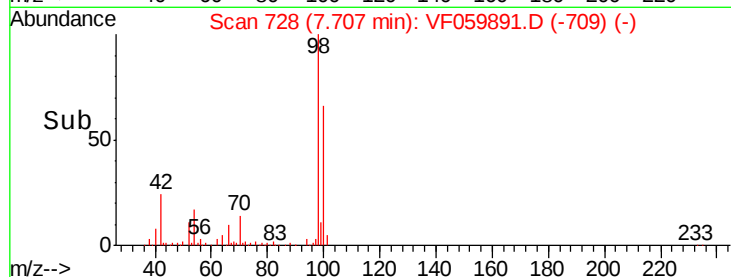
40000

20000

0

7.60 7.70 7.80 7.90

Time-->



#62

4-Bromofluorobenzene

Concen: 20.25 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059891.D

Acq: 6 Aug 2018 22:25

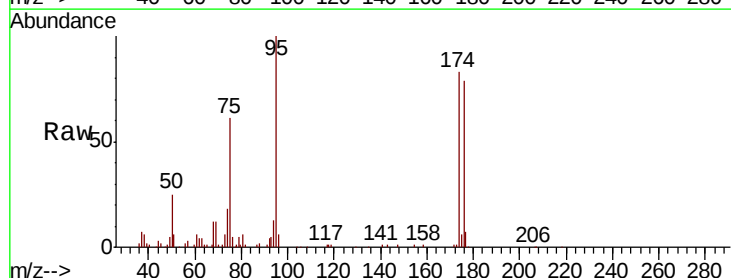
Tgt Ion: 95 Resp: 52155

Ion Ratio Lower Upper

95 100

174 83.1 0.0 151.6

176 79.3 0.0 149.8



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

40000

30000

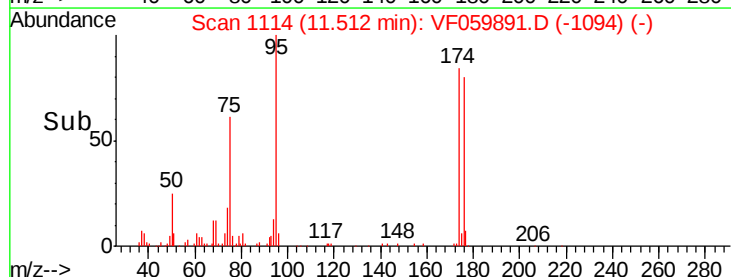
20000

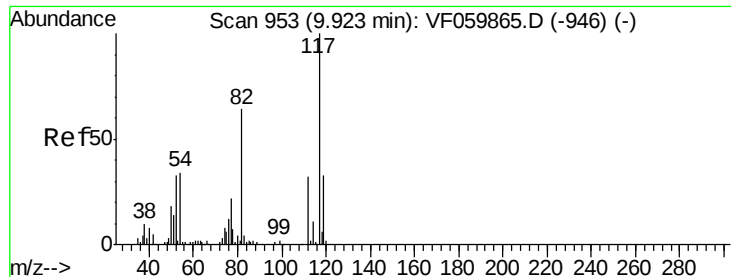
10000

0

11.40 11.50 11.60

Time-->

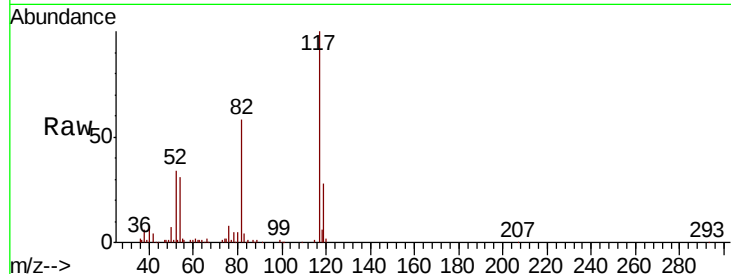




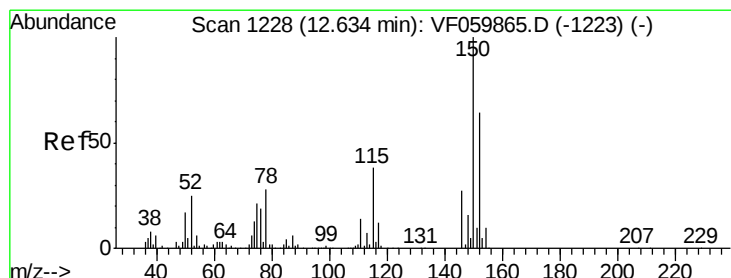
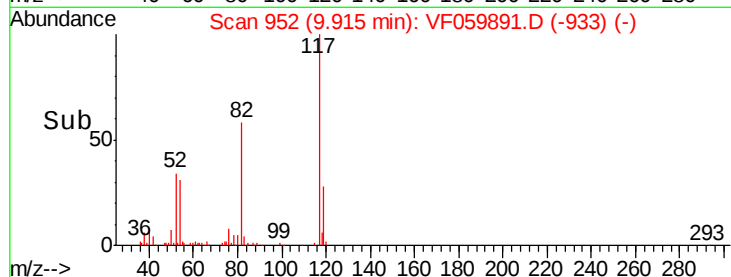
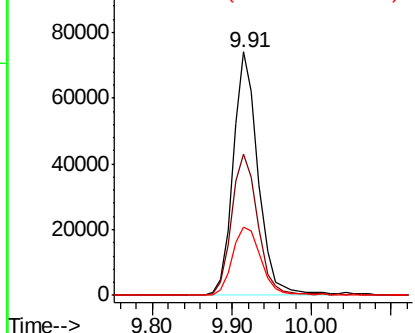
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF059891.D
Acq: 6 Aug 2018 22:25

Instrument :
MSVOA_F
ClientSampleId :
BEEBEE-SITE-DEMO-3RE

Tot Ion:117 Resp: 162552
Ion Ratio Lower Upper
117 100
82 57.8 51.3 76.9
119 28.0 26.4 39.6

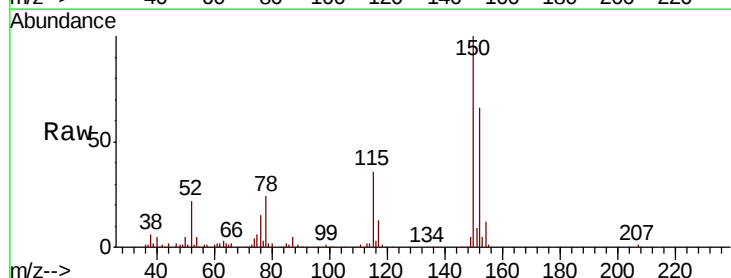


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059891.D
Acq: 6 Aug 2018 22:25

Tgt Ion:152 Resp: 57040
Ion Ratio Lower Upper
152 100
115 54.3 29.8 89.4
150 152.0 0.0 315.6



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

