

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080818\
 Data File : VF059929.D
 Acq On : 8 Aug 2018 14:14
 Operator : VA/AP
 Sample : J4327-02
 Misc : 9.63g/5mL/MSVOA F/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-BPM-02-007-ABCD

Quant Time: Aug 09 06:44:32 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	5.07	168	107899	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.79	114	160187	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.94	117	150467	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.65	152	97197	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	78804	40.51	ug/l	0.03
Spiked Amount 50.000			Recovery	=	81.02%	
35) Dibromofluoromethane	4.32	113	64861	40.70	ug/l	0.03
Spiked Amount 50.000			Recovery	=	81.40%	
50) Toluene-d8	7.73	98	121321	35.78	ug/l	0.02
Spiked Amount 50.000			Recovery	=	71.56%	
62) 4-Bromofluorobenzene	11.53	95	71130	37.33	ug/l	0.02
Spiked Amount 50.000			Recovery	=	74.66%	

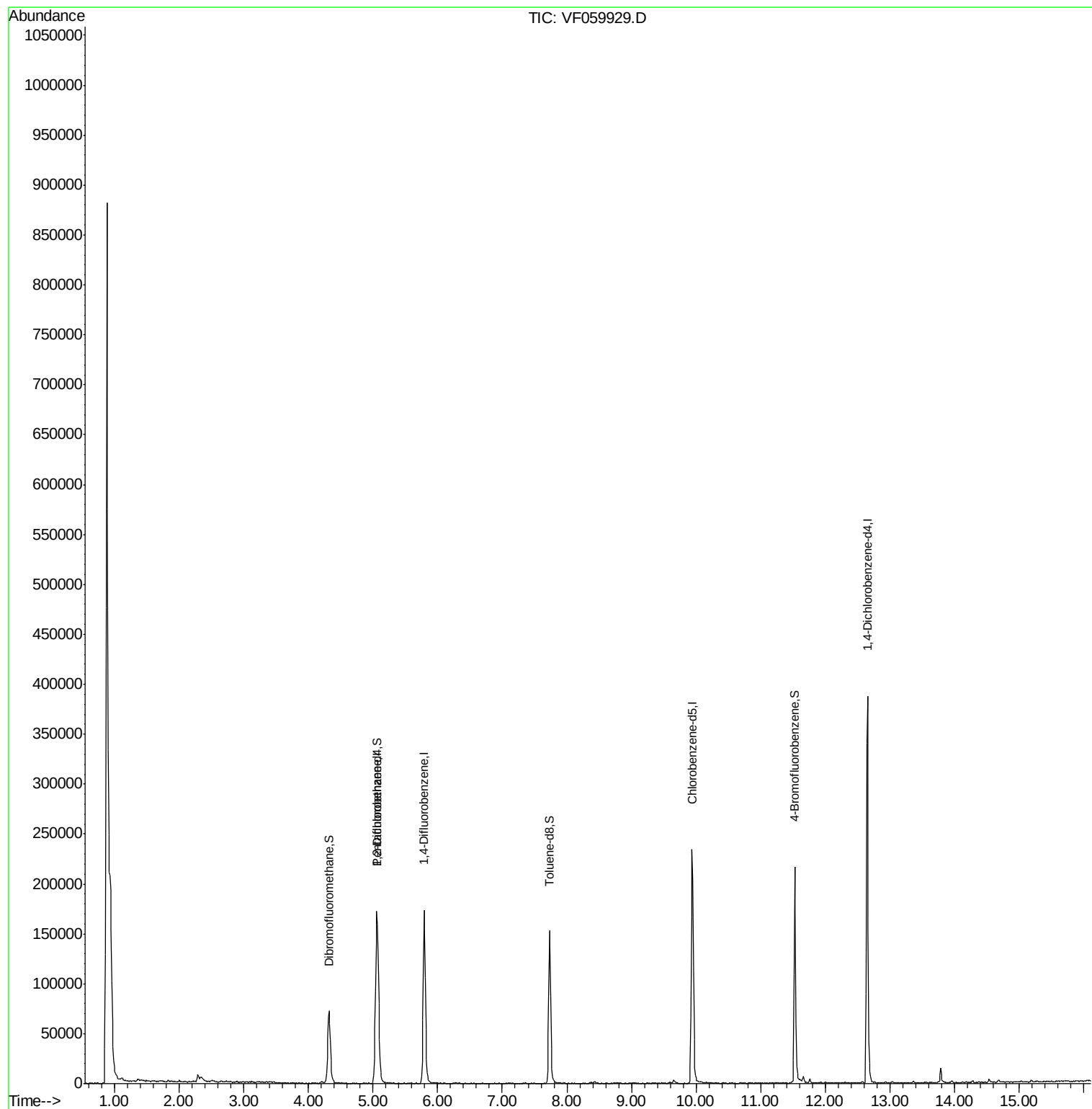
Target Compounds	Qvalue
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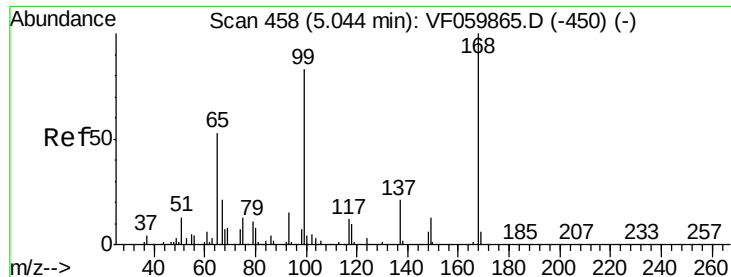
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.03 min

Lab File: VF059929.D

Acq: 8 Aug 2018 14:14

Instrument :

MSVOA_F

ClientSampleId :

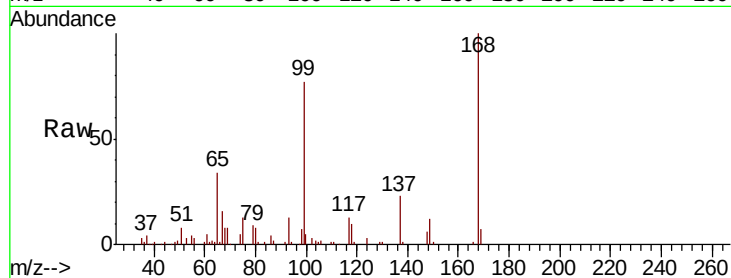
FK-BPM-02-007-ABCD

Tot Ion:168 Resp: 107899

Ion Ratio Lower Upper

168 100

99 77.3 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

40000

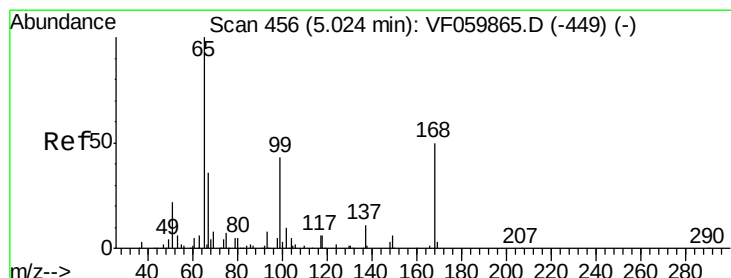
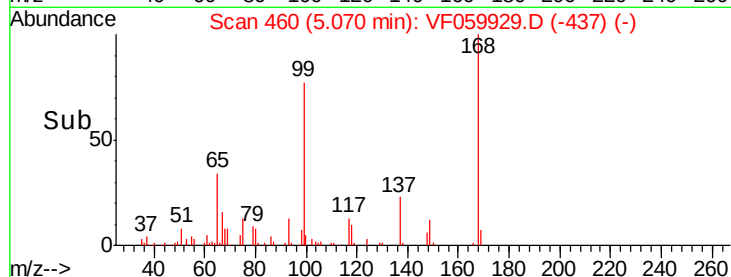
30000

20000

10000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 40.51 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF059929.D

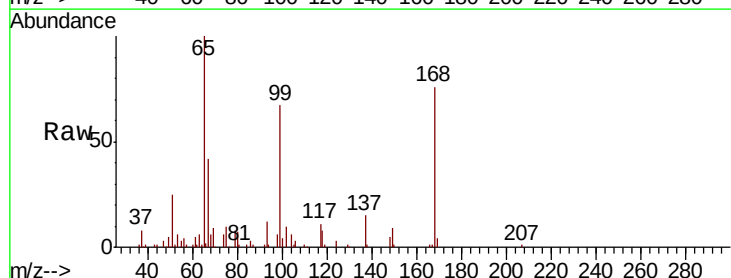
Acq: 8 Aug 2018 14:14

Tgt Ion: 65 Resp: 78804

Ion Ratio Lower Upper

65 100

67 41.6 0.0 77.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.05

30000

25000

20000

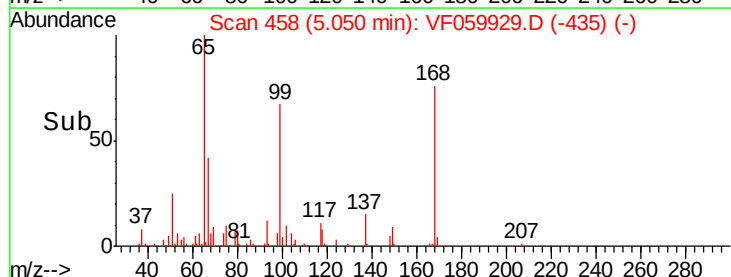
15000

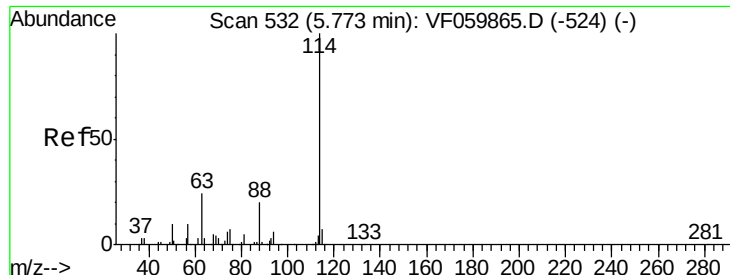
10000

5000

0

Time-->

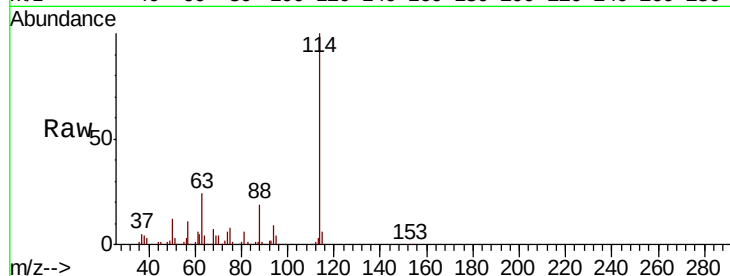




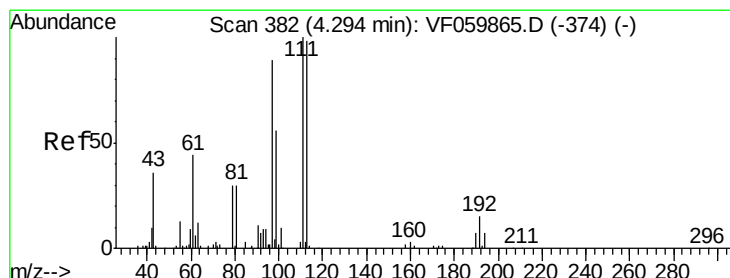
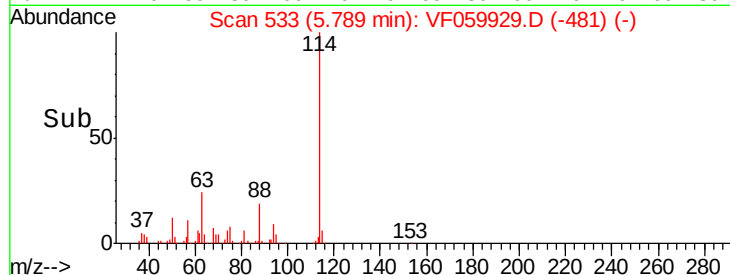
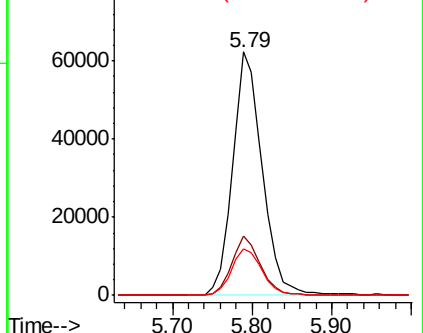
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: VF059929.D
 Acq: 8 Aug 2018 14:14

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-BPM-02-007-ABCD

Tot Ion:114 Resp: 160187
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.0
 88 19.1 0.0 39.4

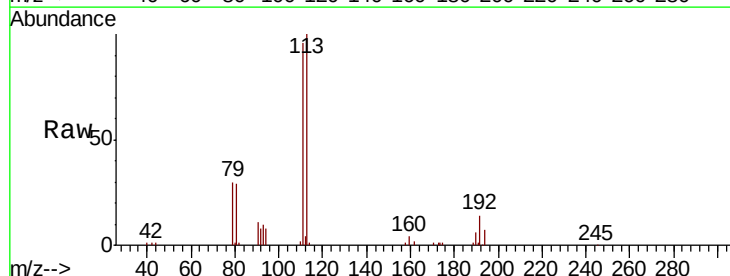


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

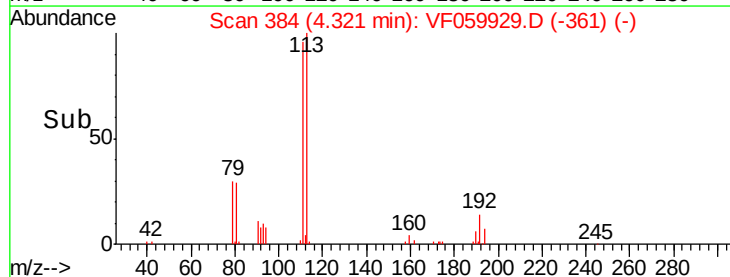
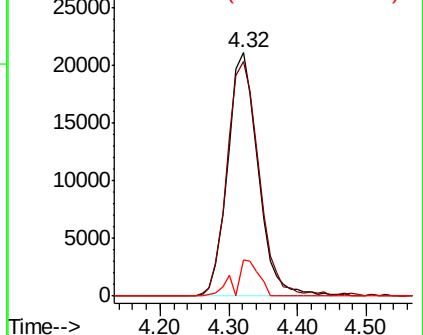


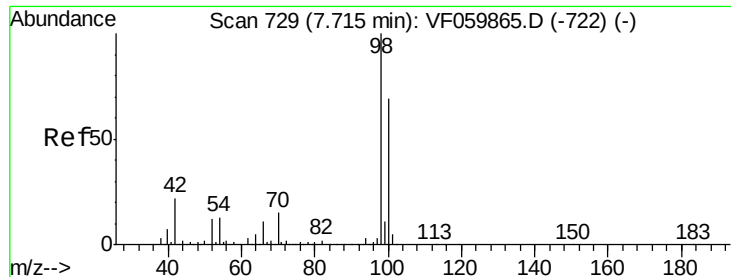
#35
 Dibromofluoromethane
 Concen: 40.70 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.03 min
 Lab File: VF059929.D
 Acq: 8 Aug 2018 14:14

Tgt Ion:113 Resp: 64861
 Ion Ratio Lower Upper
 113 100
 111 96.4 81.8 122.8
 192 14.7 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

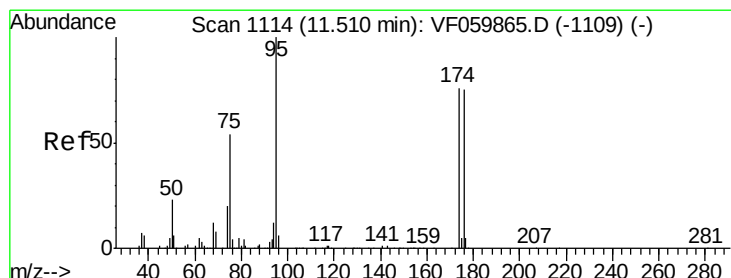
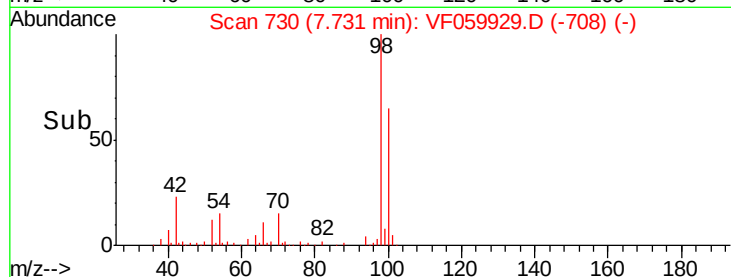
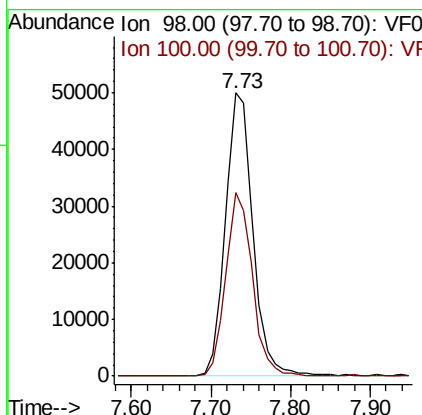
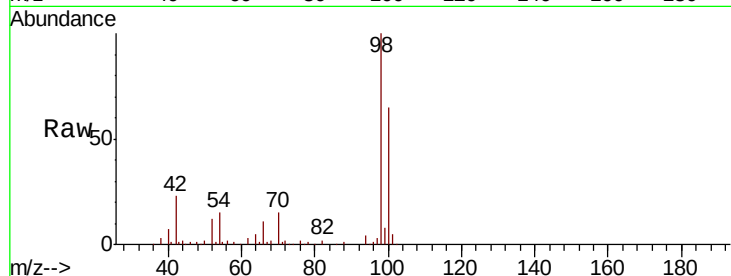




#50
Toluene-d8
Concen: 35.78 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

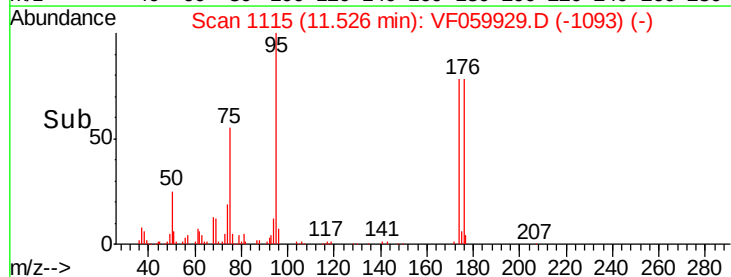
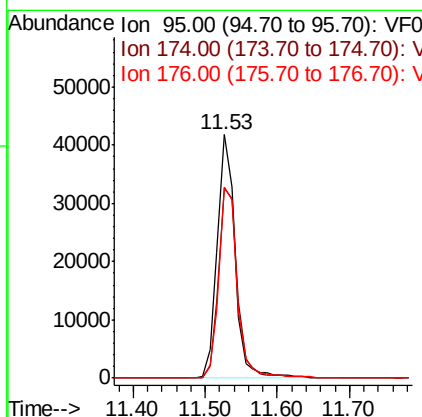
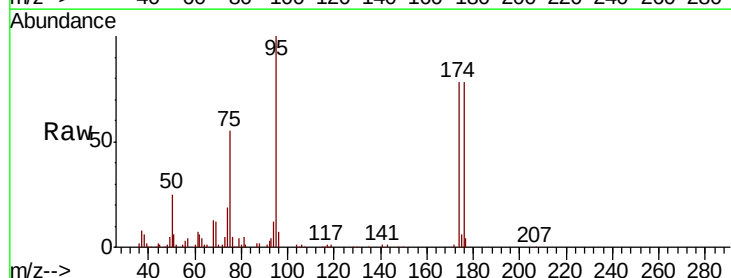
Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-02-007-ABCD

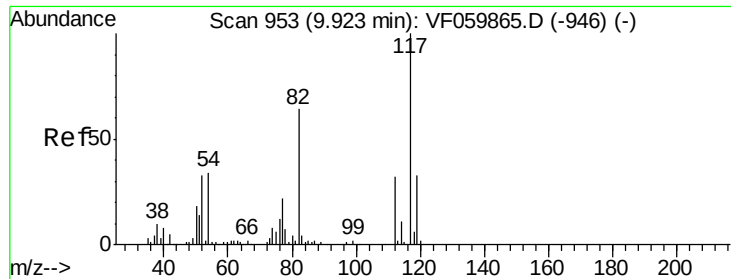
Tot Ion: 98 Resp: 121321
Ion Ratio Lower Upper
98 100
100 64.7 55.0 82.6



#62
4-Bromofluorobenzene
Concen: 37.33 ug/l
RT: 11.53 min Scan# 1115
Delta R.T. 0.02 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

Tgt Ion: 95 Resp: 71130
Ion Ratio Lower Upper
95 100
174 78.2 0.0 151.6
176 78.5 0.0 149.8

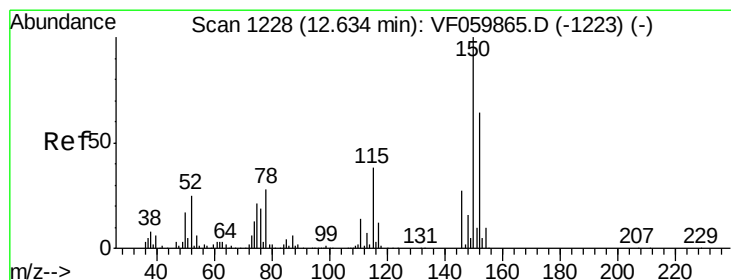
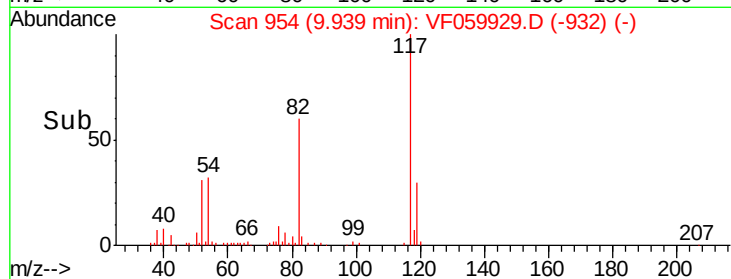
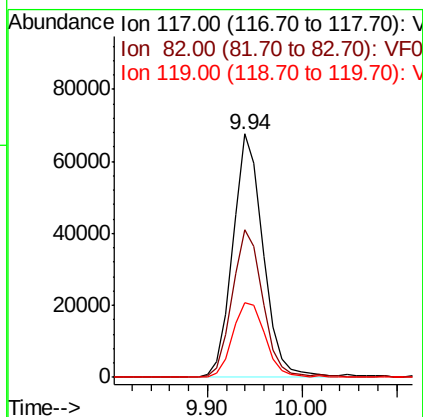
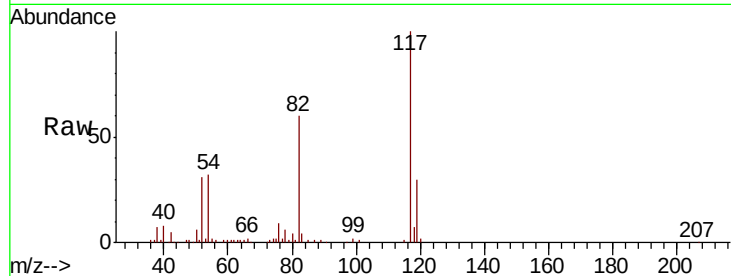




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.94 min Scan# 954
Delta R.T. 0.02 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-02-007-ABCD

Tot Ion:117 Resp: 150467
Ion Ratio Lower Upper
117 100
82 60.4 51.3 76.9
119 30.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.65 min Scan# 1229
Delta R.T. 0.02 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

Tgt Ion:152 Resp: 97197
Ion Ratio Lower Upper
152 100
115 60.7 29.8 89.4
150 156.3 0.0 315.6

