

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081018\
 Data File : VF059950.D
 Acq On : 10 Aug 2018 17:48
 Operator : VA/AP
 Sample : J4396-02
 Misc : 8.85g/5mL/MSVOA F/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-BPM-01-E8-F8-E8A-F8A

Quant Time: Aug 10 23:46:32 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	5.06	168	104613	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.78	114	146719	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	146240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	96236	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	97522	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
35) Dibromofluoromethane	4.31	113	77341	52.98	ug/l	0.02
Spiked Amount	50.000		Recovery	=	105.96%	
50) Toluene-d8	7.72	98	142471	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	
62) 4-Bromofluorobenzene	11.52	95	84062	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	

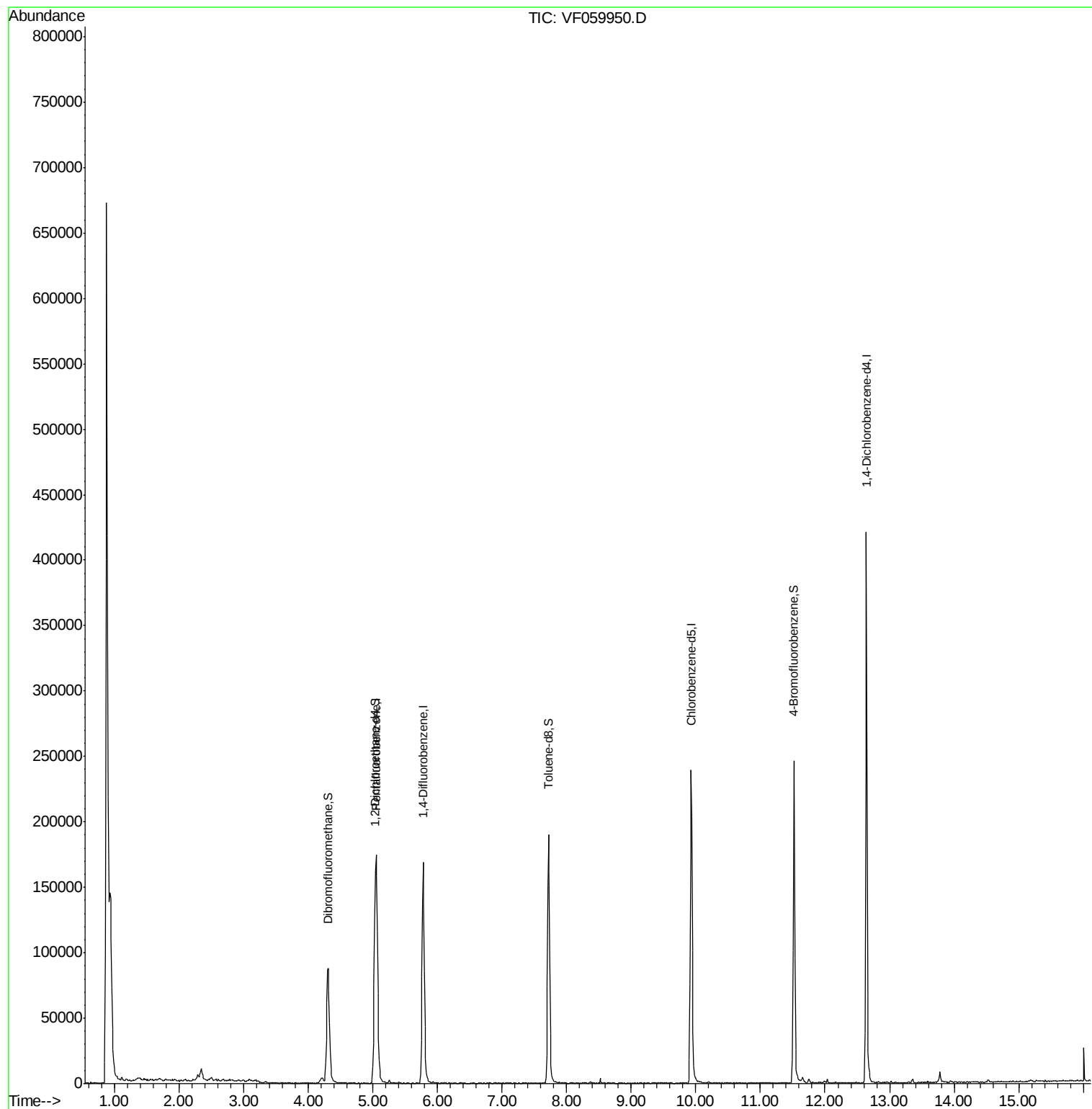
Target Compounds	Qvalue
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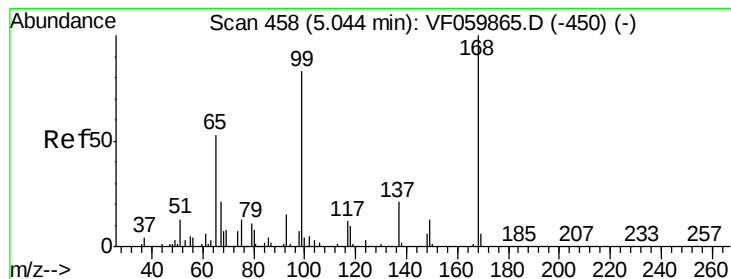
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.02 min

Lab File: VF059950.D

Acq: 10 Aug 2018 17:48

Instrument :

MSVOA_F

ClientSampleId :

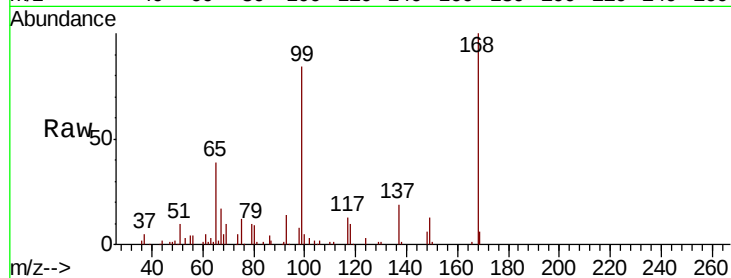
FK-BPM-01-E8-F8-E8A-F8A

Tot Ion:168 Resp: 104613

Ion Ratio Lower Upper

168 100

99 84.0 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

40000

30000

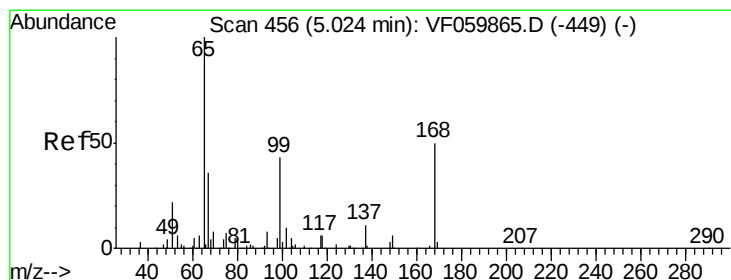
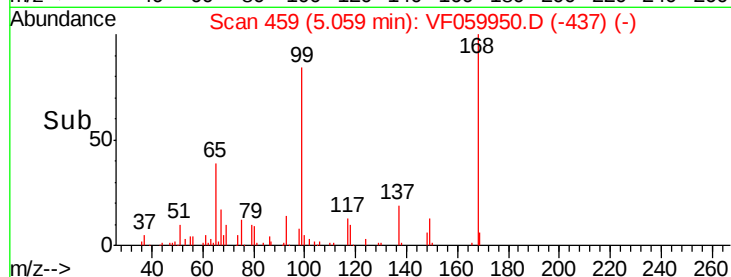
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 51.71 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.01 min

Lab File: VF059950.D

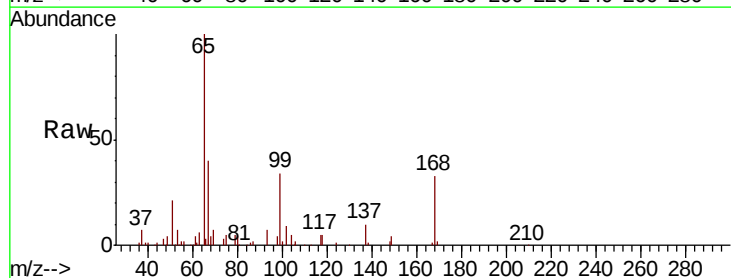
Acq: 10 Aug 2018 17:48

Tgt Ion: 65 Resp: 97522

Ion Ratio Lower Upper

65 100

67 40.0 0.0 77.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.03

40000

30000

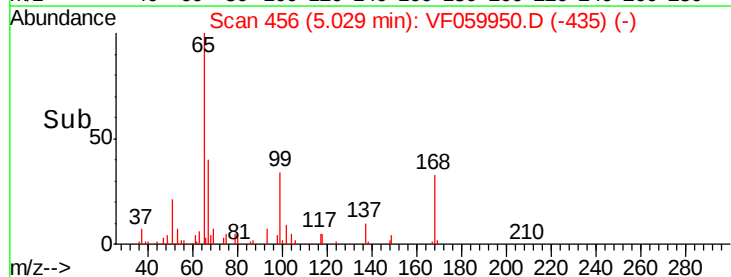
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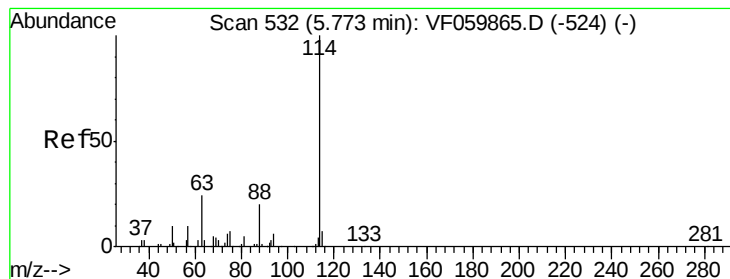
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.78 min Scan# 532

Delta R.T. 0.01 min

Lab File: VF059950.D

Acq: 10 Aug 2018 17:48

Instrument :

MSVOA_F

ClientSampleId :

FK-BPM-01-E8-F8-E8A-F8A

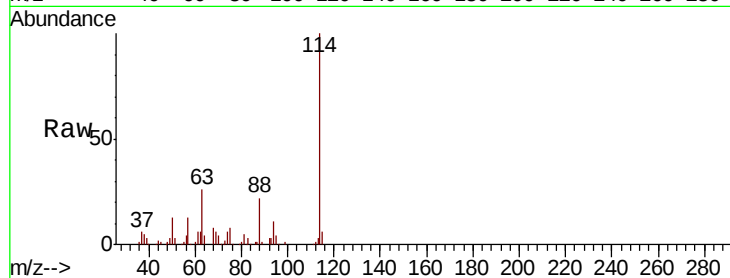
Tot Ion:114 Resp: 146719

Ion Ratio Lower Upper

114 100

63 26.0 0.0 48.0

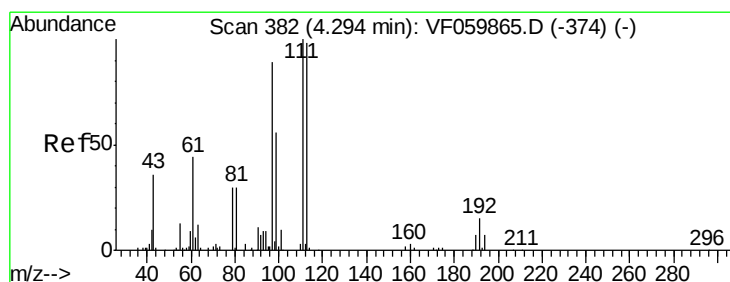
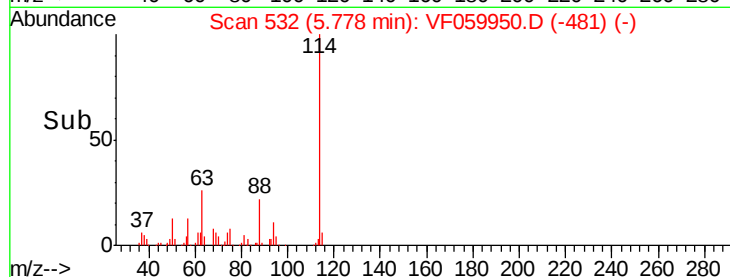
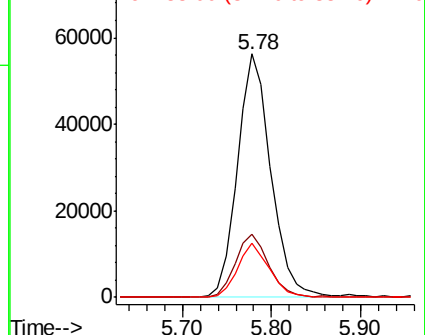
88 22.5 0.0 39.4



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: 52.98 ug/l

RT: 4.31 min Scan# 383

Delta R.T. 0.02 min

Lab File: VF059950.D

Acq: 10 Aug 2018 17:48

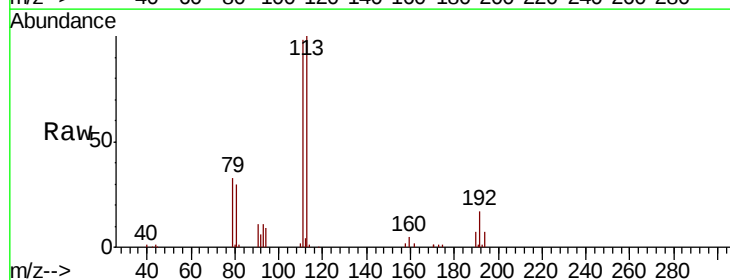
Tgt Ion:113 Resp: 77341

Ion Ratio Lower Upper

113 100

111 98.0 81.8 122.8

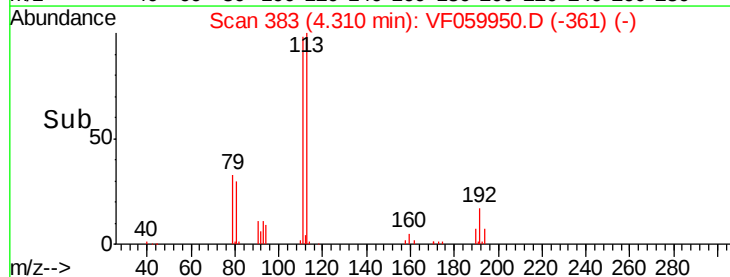
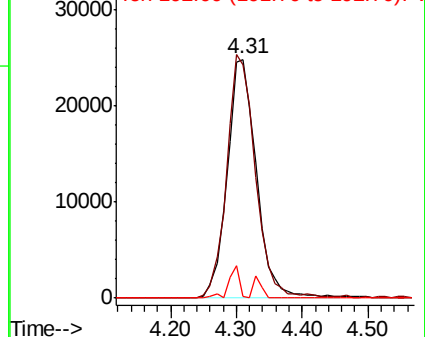
192 0.8 12.4 18.6#

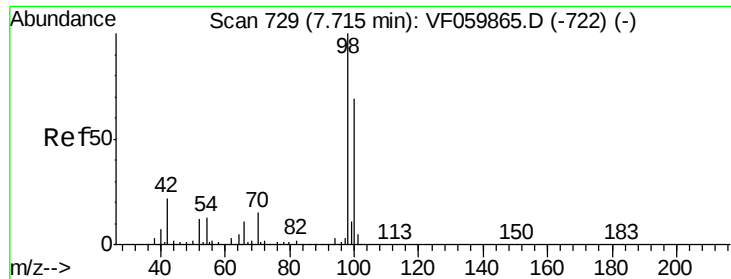


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 45.87 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.01 min

Lab File: VF059950.D

Acq: 10 Aug 2018 17:48

Instrument :

MSVOA_F

ClientSampleId :

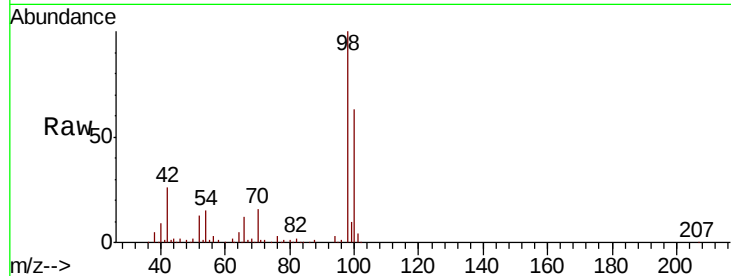
FK-BPM-01-E8-F8-E8A-F8A

Tot Ion: 98 Resp: 142471

Ion Ratio Lower Upper

98 100

100 63.0 55.0 82.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

60000

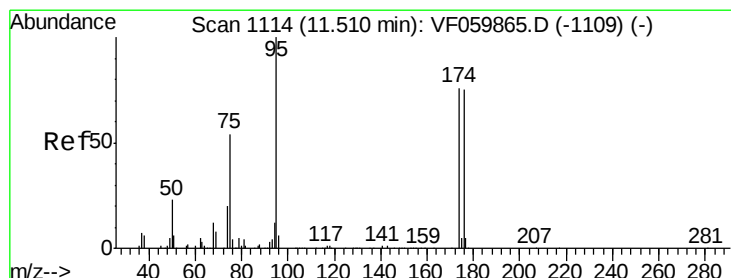
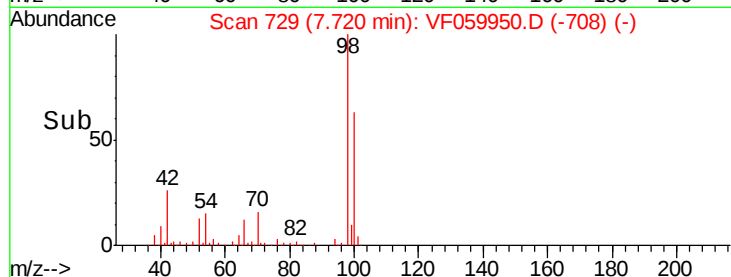
40000

20000

0

7.60 7.70 7.80 7.90

Time-->



#62

4-Bromofluorobenzene

Concen: 48.16 ug/l

RT: 11.52 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VF059950.D

Acq: 10 Aug 2018 17:48

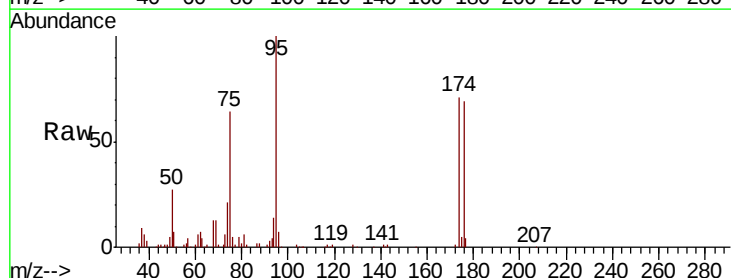
Tgt Ion: 95 Resp: 84062

Ion Ratio Lower Upper

95 100

174 71.0 0.0 151.6

176 69.4 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

60000

50000

40000

30000

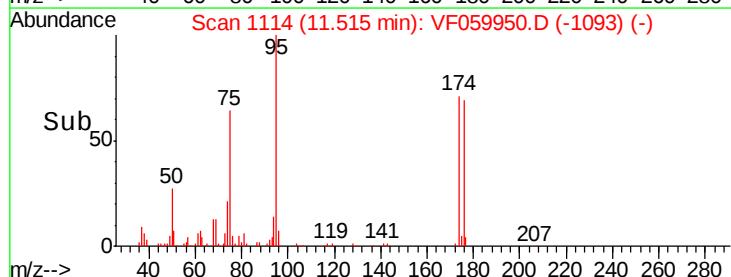
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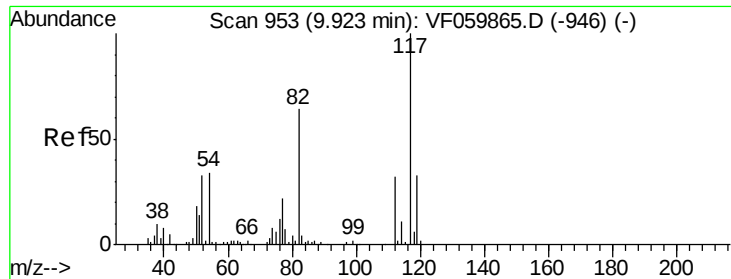
10000

0

11.40 11.50 11.60 11.70

Time-->

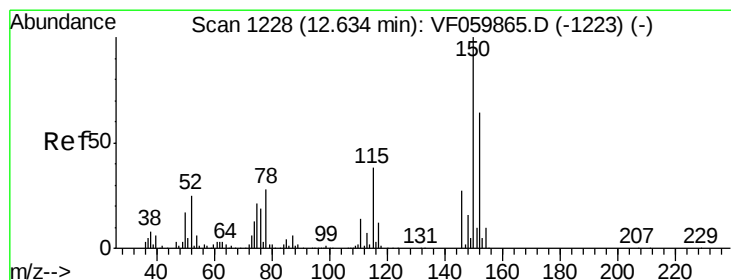
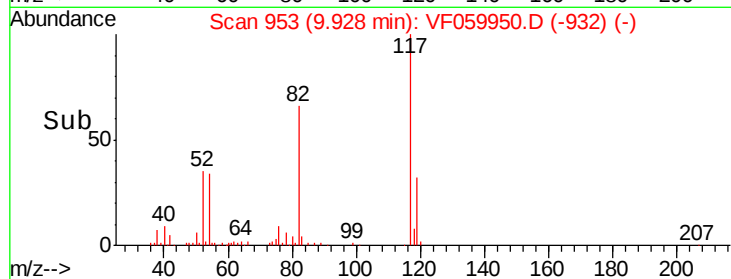
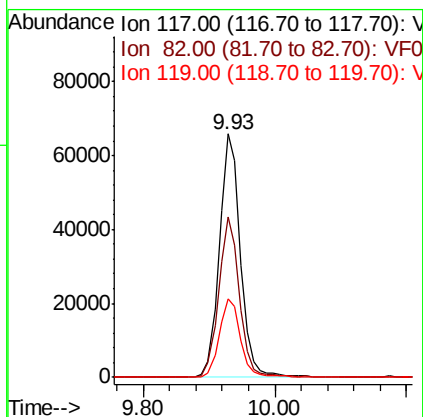
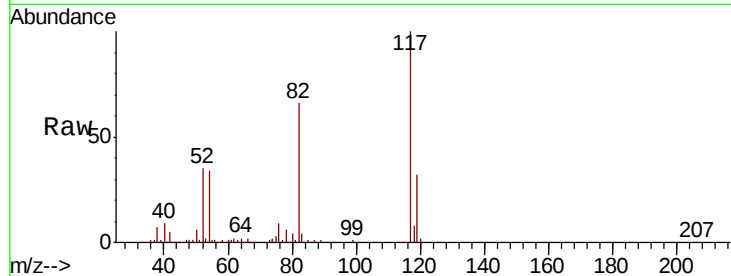




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF059950.D
Acq: 10 Aug 2018 17:48

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E8-F8-E8A-F8A

Tot Ion:117 Resp: 146240
Ion Ratio Lower Upper
117 100
82 65.9 51.3 76.9
119 32.1 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.01 min
Lab File: VF059950.D
Acq: 10 Aug 2018 17:48

Tgt Ion:152 Resp: 96236
Ion Ratio Lower Upper
152 100
115 64.9 29.8 89.4
150 153.6 0.0 315.6

