

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081018\
 Data File : VF059949.D
 Acq On : 10 Aug 2018 17:20
 Operator : VA/AP
 Sample : J4395-02
 Misc : 8.97g/5mL/MSVOA F/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-BPM-01-E7-F7-E7A-F7A

Quant Time: Aug 10 23:43:05 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	105145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	148292	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	148730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	103738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	93075	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
35) Dibromofluoromethane	4.30	113	69069	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
50) Toluene-d8	7.72	98	129783	41.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.68%	
62) 4-Bromofluorobenzene	11.52	95	78860	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	

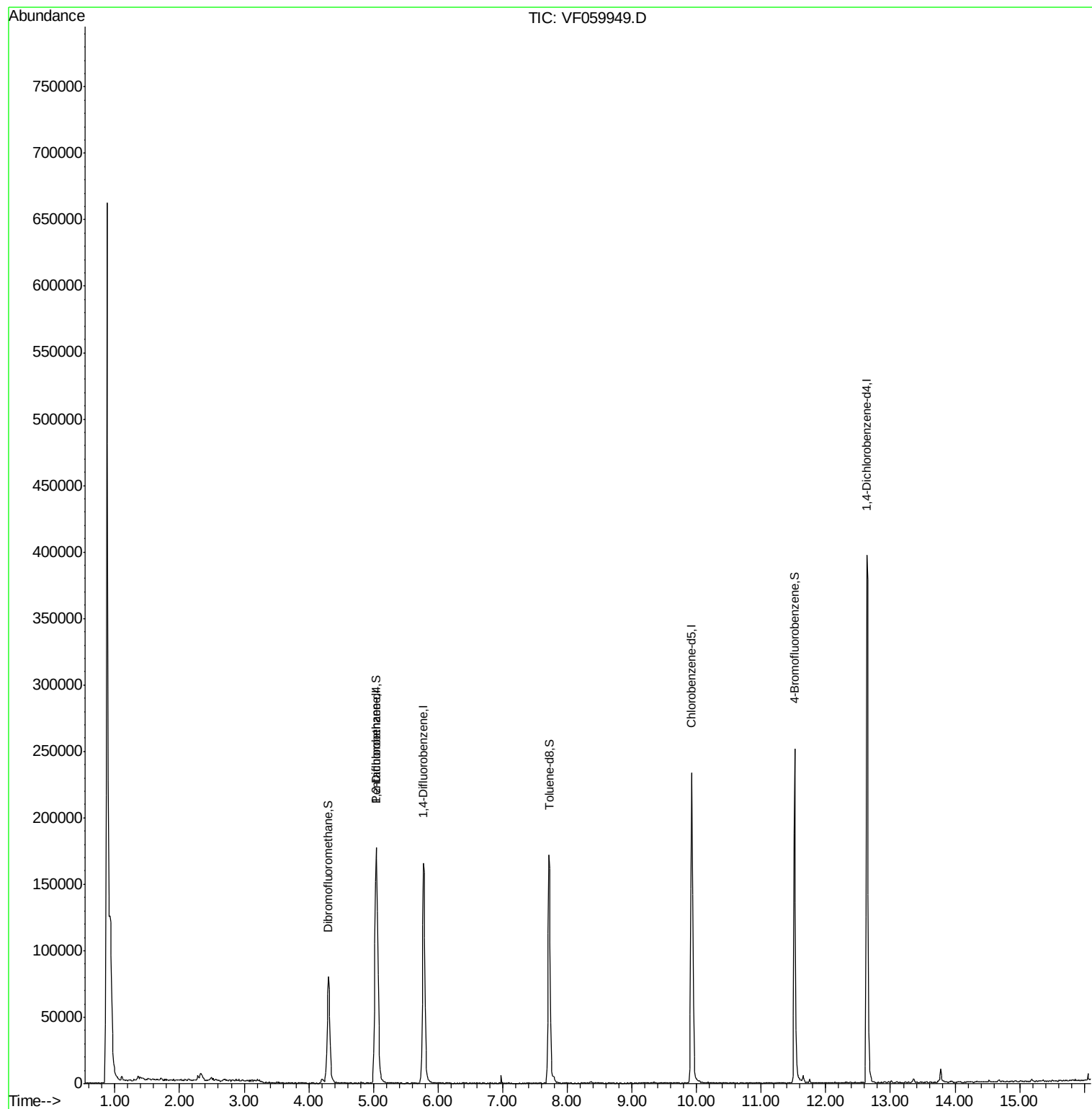
Target Compounds Qvalue

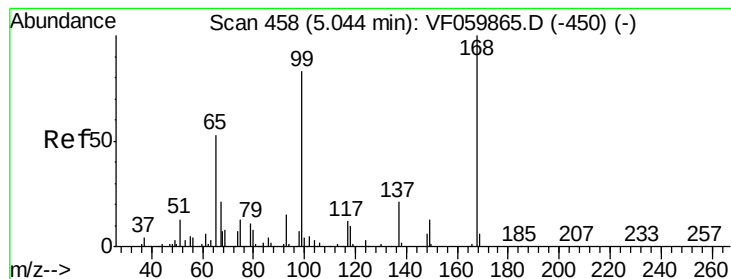
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 04 07:08:36 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.01 min

Lab File: VF059949.D

Acq: 10 Aug 2018 17:20

Instrument :

MSVOA_F

ClientSampleId :

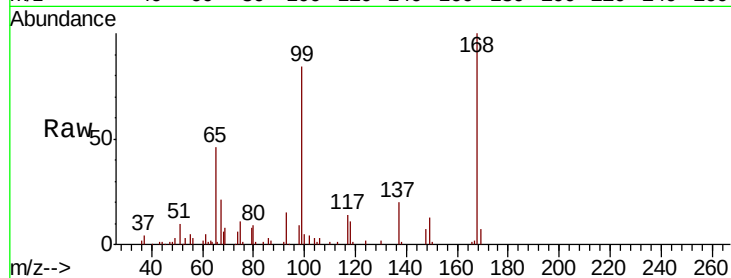
FK-BPM-01-E7-F7-E7A-F7A

Tot Ion:168 Resp: 105145

Ion Ratio Lower Upper

168 100

99 84.4 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

40000

30000

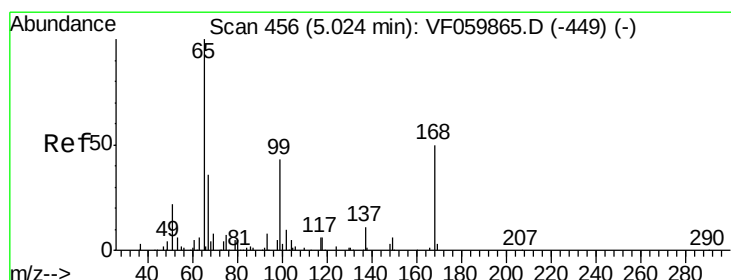
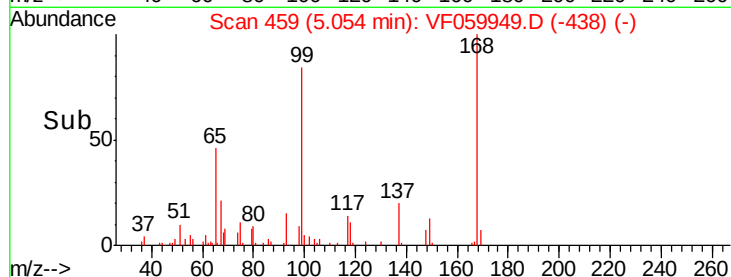
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 49.10 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059949.D

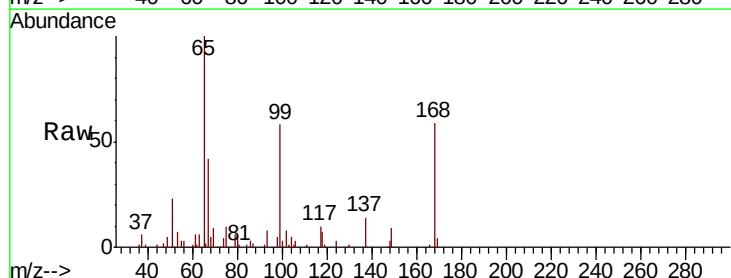
Acq: 10 Aug 2018 17:20

Tgt Ion: 65 Resp: 93075

Ion Ratio Lower Upper

65 100

67 41.9 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

30000

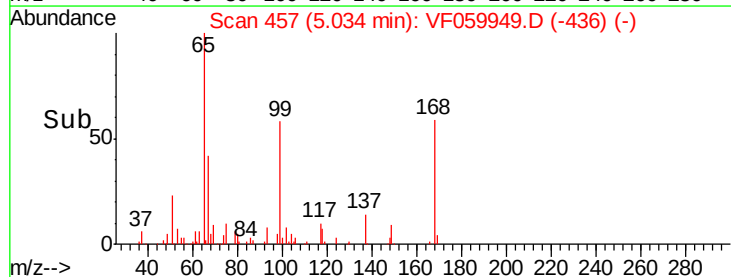
20000

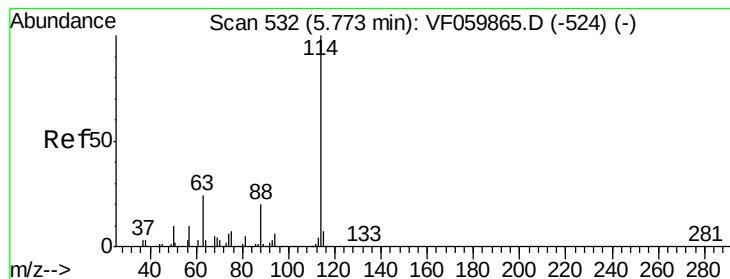
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 532

Delta R.T. 0.00 min

Lab File: VF059949.D

Acq: 10 Aug 2018 17:20

Instrument :

MSVOA_F

ClientSampleId :

FK-BPM-01-E7-F7-E7A-F7A

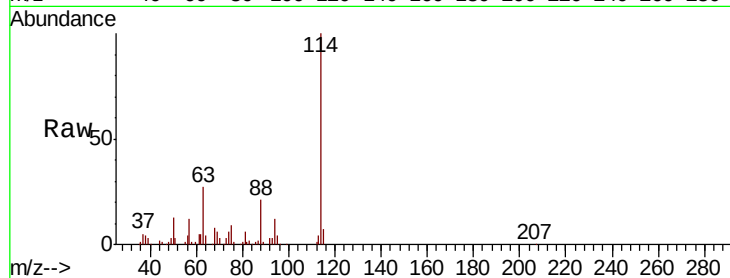
Tot Ion:114 Resp: 148292

Ion Ratio Lower Upper

114 100

63 27.0 0.0 48.0

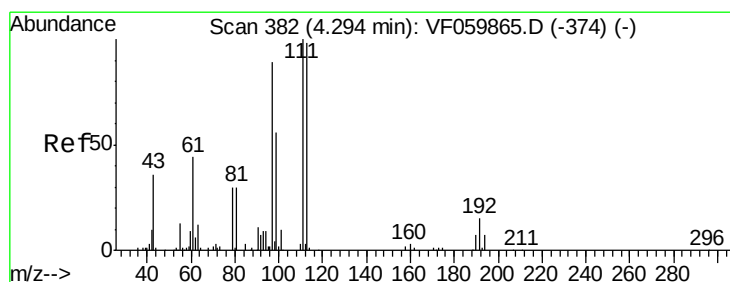
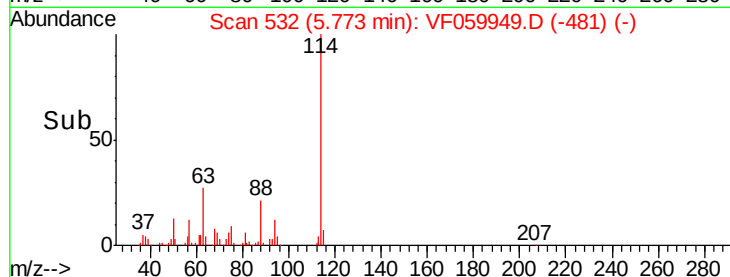
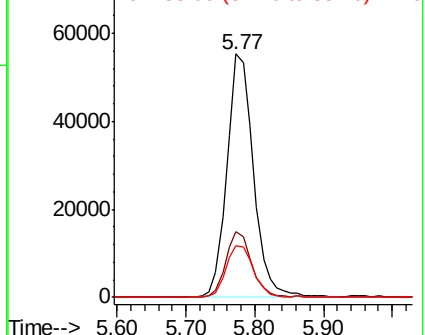
88 21.0 0.0 39.4



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: 46.81 ug/l

RT: 4.30 min Scan# 383

Delta R.T. 0.01 min

Lab File: VF059949.D

Acq: 10 Aug 2018 17:20

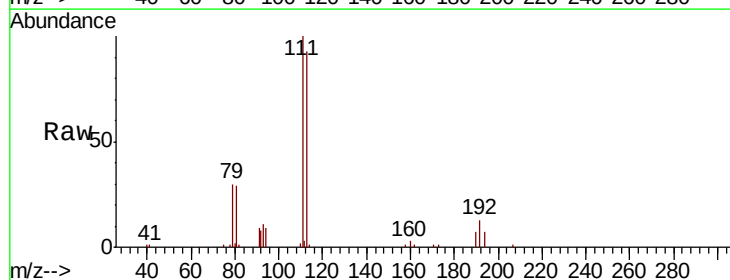
Tgt Ion:113 Resp: 69069

Ion Ratio Lower Upper

113 100

111 107.6 81.8 122.8

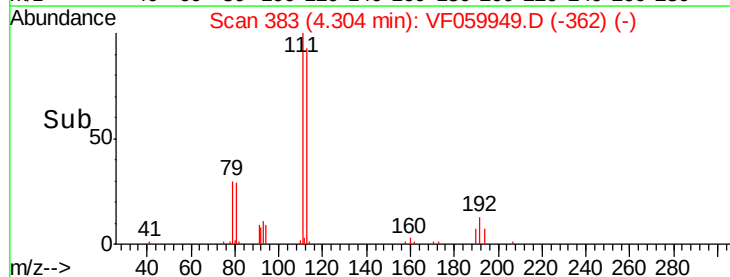
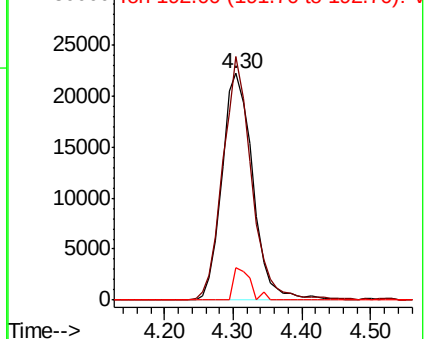
192 14.1 12.4 18.6

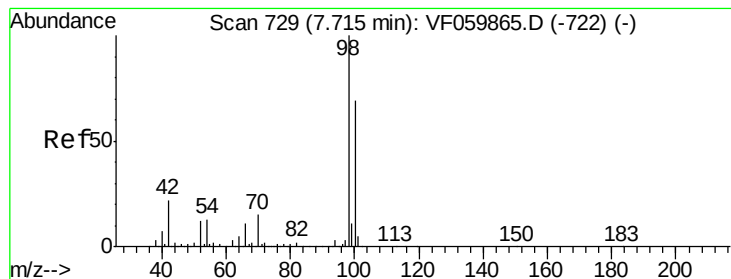


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 41.34 ug/l

RT: 7.72 min Scan# 730

Delta R.T. 0.01 min

Lab File: VF059949.D

Acq: 10 Aug 2018 17:20

Instrument :

MSVOA_F

ClientSampleId :

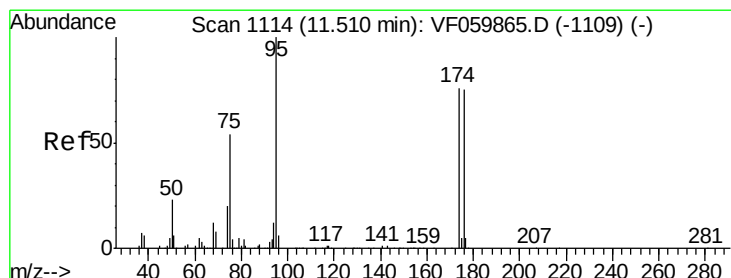
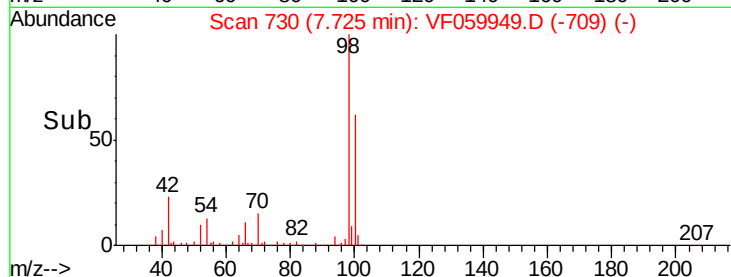
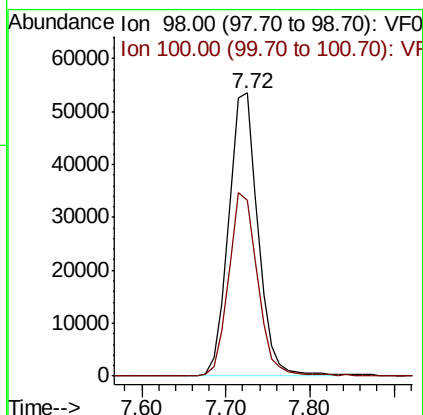
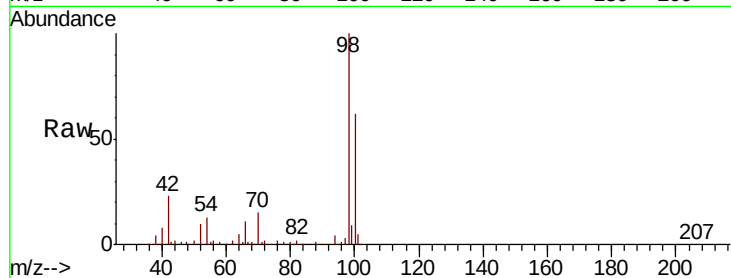
FK-BPM-01-E7-F7-E7A-F7A

Tot Ion: 98 Resp: 129783

Ion Ratio Lower Upper

98 100

100 62.3 55.0 82.6



#62

4-Bromofluorobenzene

Concen: 44.70 ug/l

RT: 11.52 min Scan# 1115

Delta R.T. 0.01 min

Lab File: VF059949.D

Acq: 10 Aug 2018 17:20

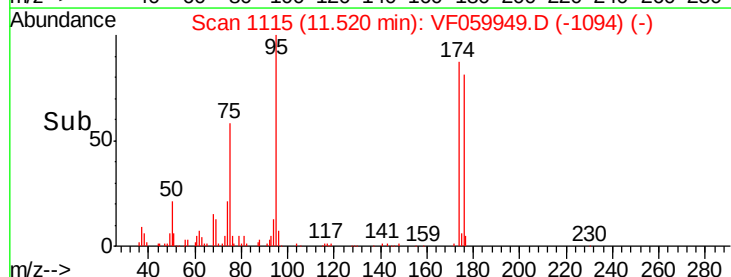
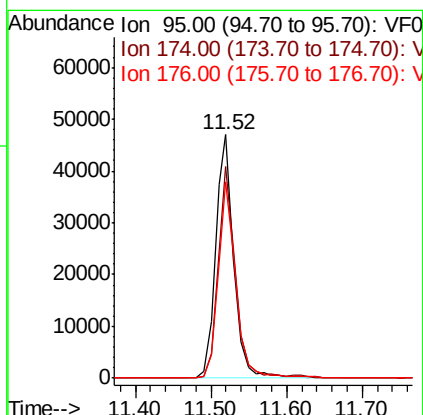
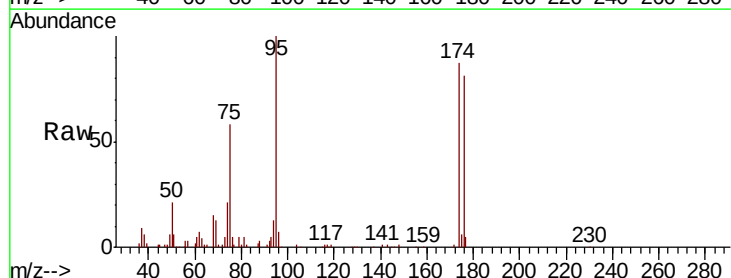
Tgt Ion: 95 Resp: 78860

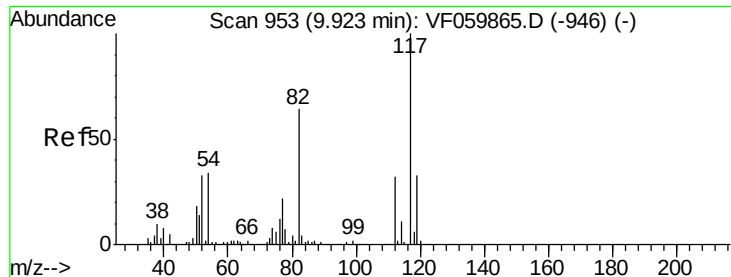
Ion Ratio Lower Upper

95 100

174 87.0 0.0 151.6

176 80.8 0.0 149.8

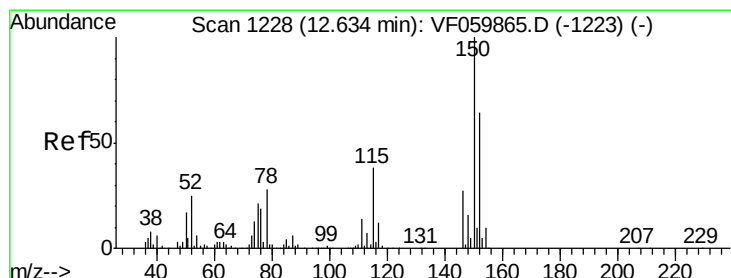
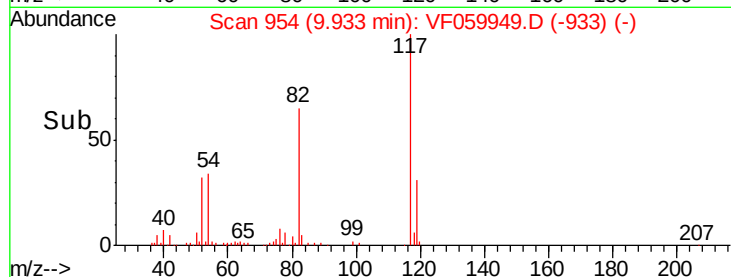
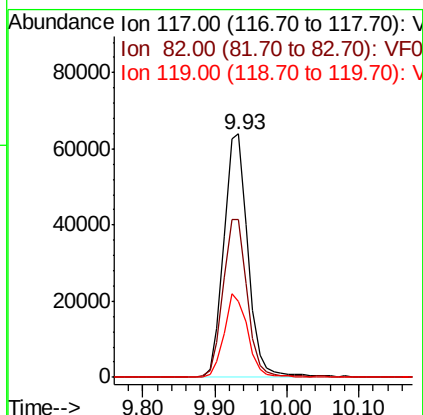
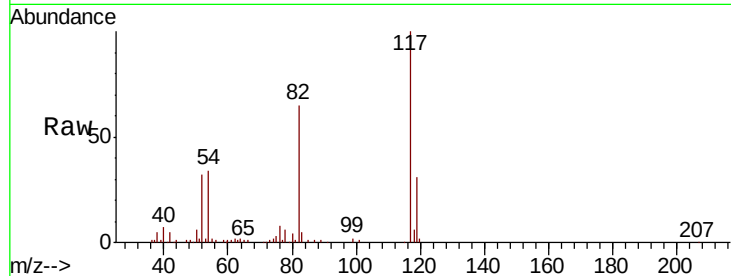




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 954
Delta R.T. 0.01 min
Lab File: VF059949.D
Acq: 10 Aug 2018 17:20

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-01-E7-F7-E7A-F7A

Tot Ion:117 Resp: 148730
Ion Ratio Lower Upper
117 100
82 64.9 51.3 76.9
119 31.2 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VF059949.D
Acq: 10 Aug 2018 17:20

Tgt Ion:152 Resp: 103738
Ion Ratio Lower Upper
152 100
115 55.9 29.8 89.4
150 145.8 0.0 315.6

