

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080418\
 Data File : VF059870.D
 Acq On : 4 Aug 2018 7:57
 Operator : VA/AP
 Sample : VF0804SBL02
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0804SBL02

Quant Time: Aug 06 02:30:55 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	208772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	312306	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	301694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	203329	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	188793	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
35) Dibromofluoromethane	4.30	113	160849	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
50) Toluene-d8	7.72	98	375264	56.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.52%	
62) 4-Bromofluorobenzene	11.52	95	190737	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	

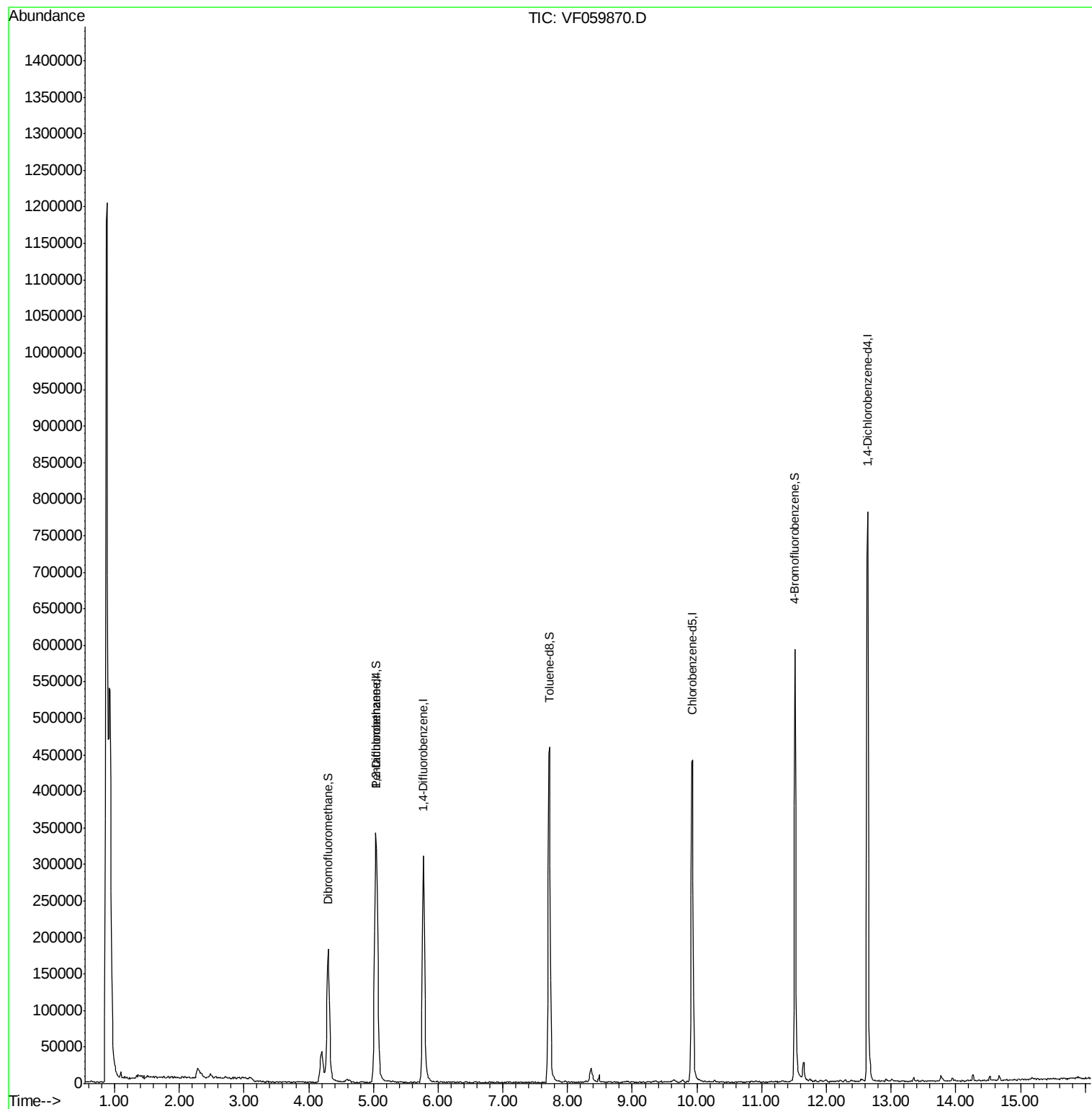
Target Compounds	Qvalue
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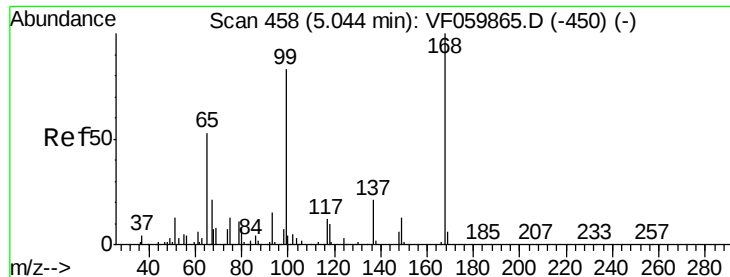
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059870.D

Acq: 4 Aug 2018 7:57

Instrument :

MSVOA_F

ClientSampleId :

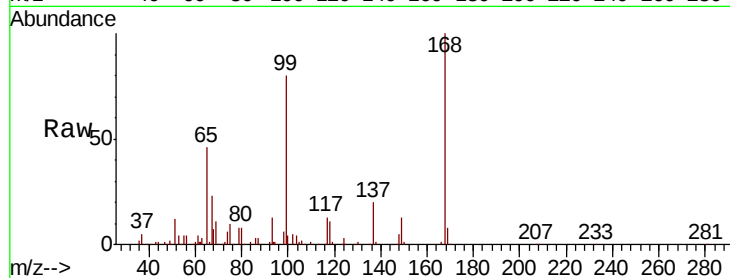
VF0804SBL02

Tot Ion:168 Resp: 208772

Ion Ratio Lower Upper

168 100

99 80.3 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

80000

60000

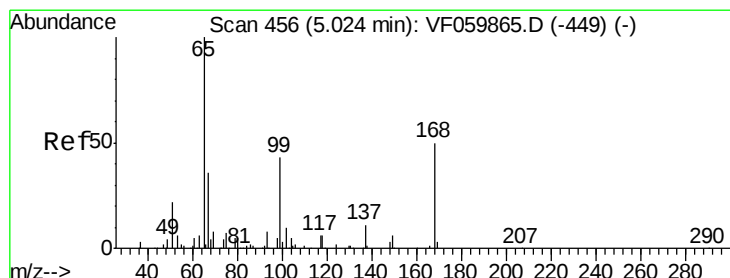
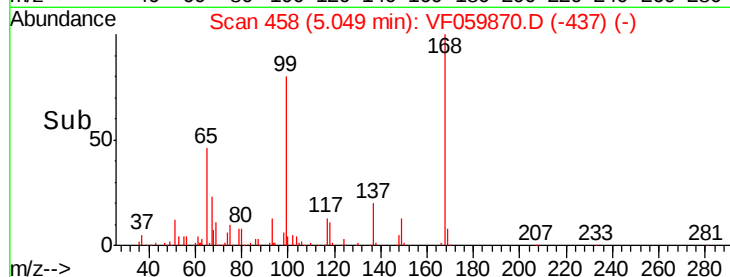
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 50.16 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.01 min

Lab File: VF059870.D

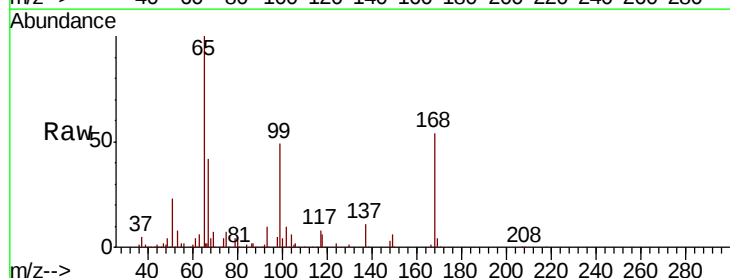
Acq: 4 Aug 2018 7:57

Tgt Ion: 65 Resp: 188793

Ion Ratio Lower Upper

65 100

67 42.0 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

80000

60000

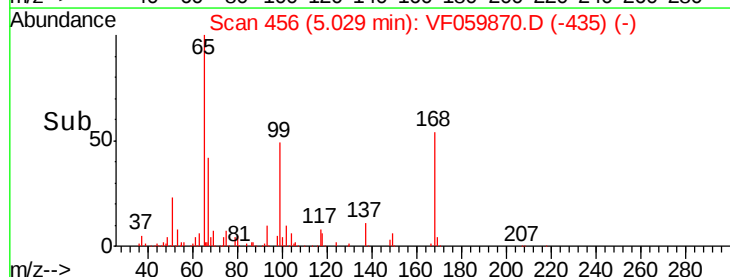
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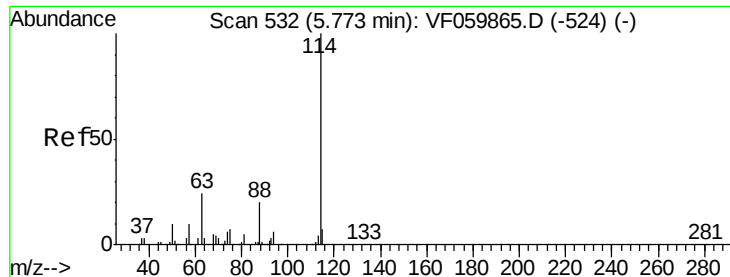
20000

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: VF059870.D

Acq: 4 Aug 2018 7:57

Instrument :

MSVOA_F

ClientSampleId :

VF0804SBL02

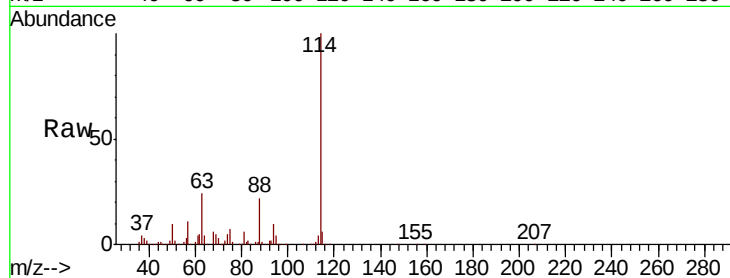
Tot Ion:114 Resp: 312306

Ion Ratio Lower Upper

114 100

63 24.4 0.0 48.0

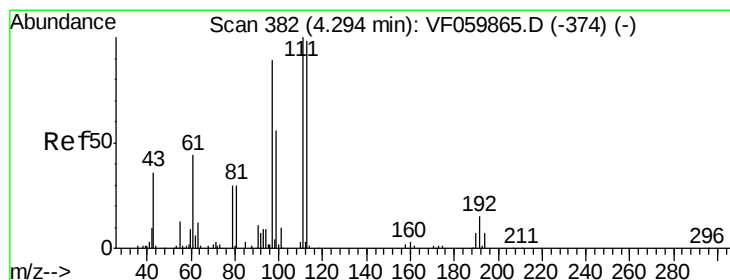
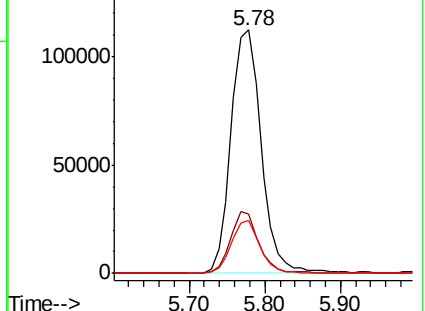
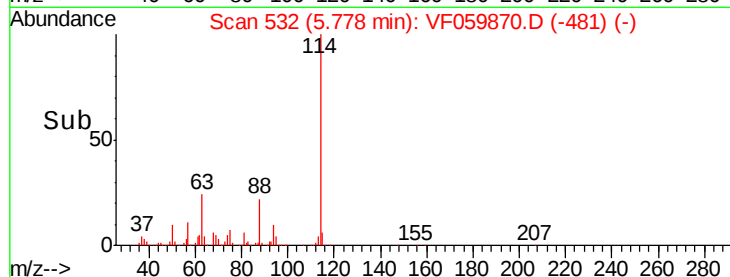
88 21.6 0.0 39.4



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: 51.76 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.01 min

Lab File: VF059870.D

Acq: 4 Aug 2018 7:57

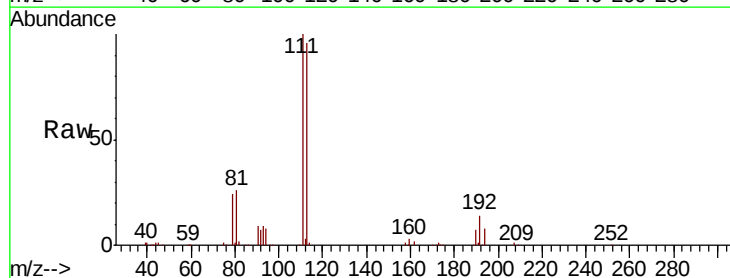
Tgt Ion:113 Resp: 160849

Ion Ratio Lower Upper

113 100

111 104.2 81.8 122.8

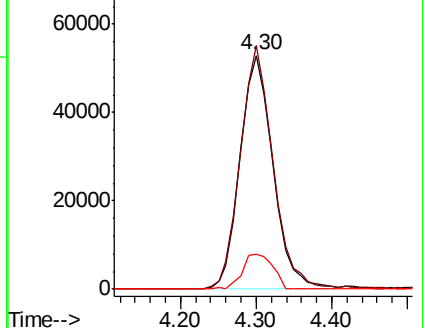
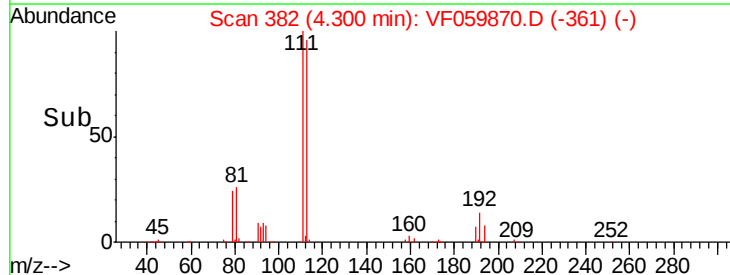
192 15.0 12.4 18.6

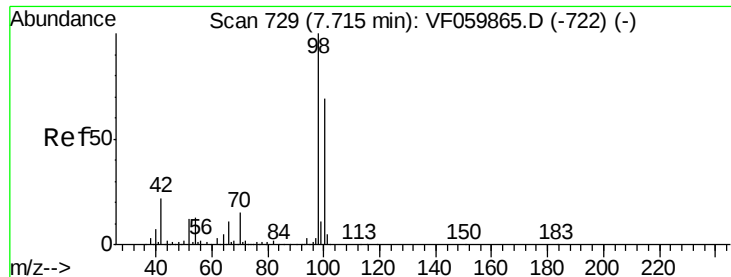


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

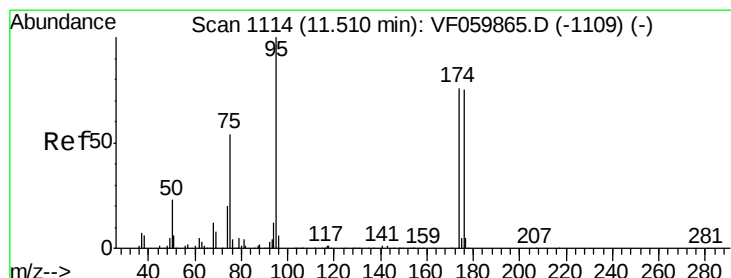
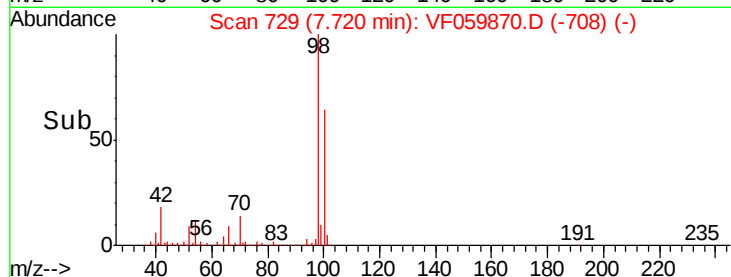
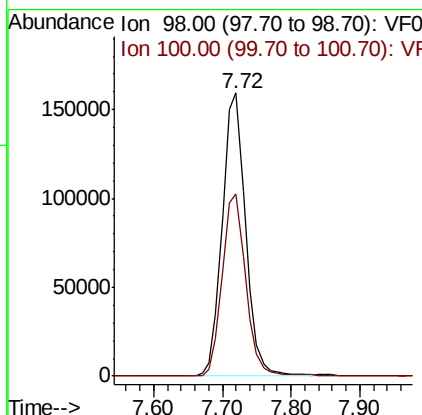
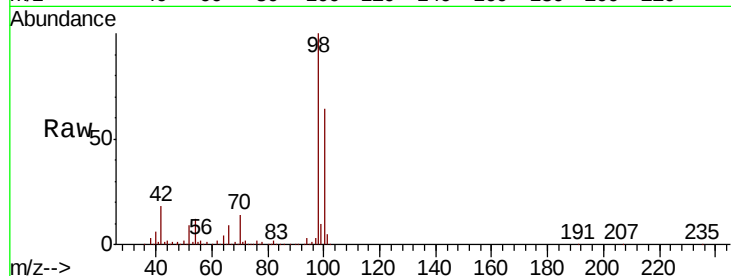




#50
Toluene-d8
Concen: 56.76 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF059870.D
Acq: 4 Aug 2018 7:57

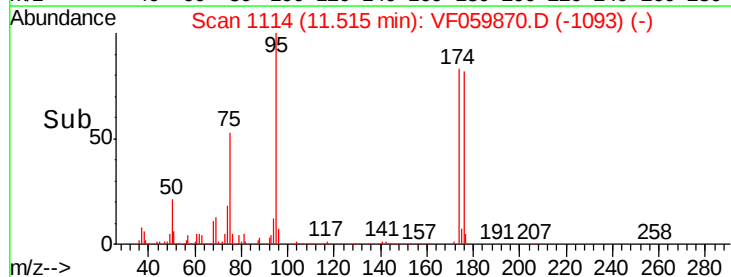
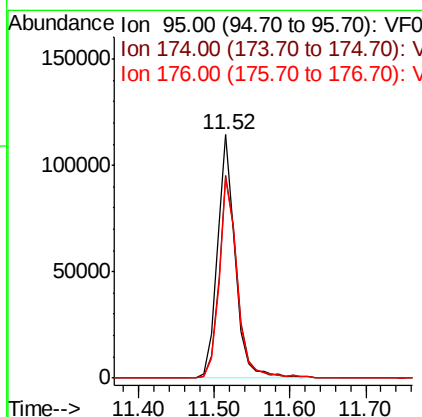
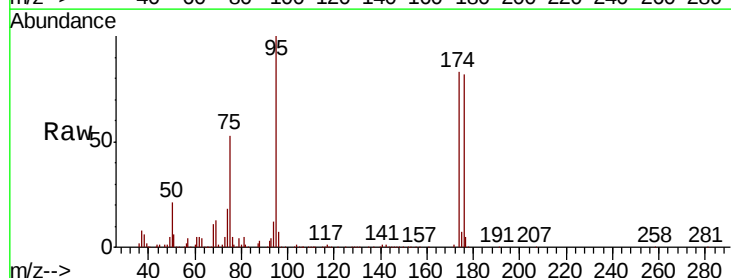
Instrument :
MSVOA_F
ClientSampleId :
VF0804SBL02

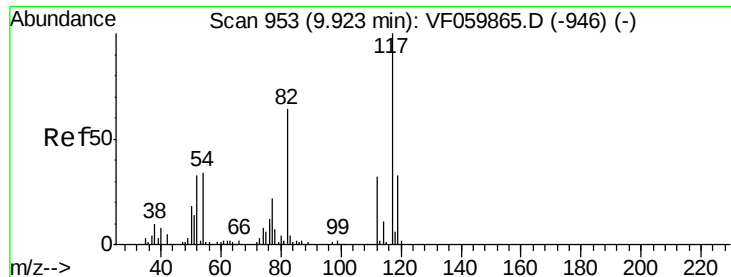
Tot Ion: 98 Resp: 375264
Ion Ratio Lower Upper
98 100
100 64.4 55.0 82.6



#62
4-Bromofluorobenzene
Concen: 51.34 ug/l
RT: 11.52 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VF059870.D
Acq: 4 Aug 2018 7:57

Tgt Ion: 95 Resp: 190737
Ion Ratio Lower Upper
95 100
174 83.2 0.0 151.6
176 82.2 0.0 149.8

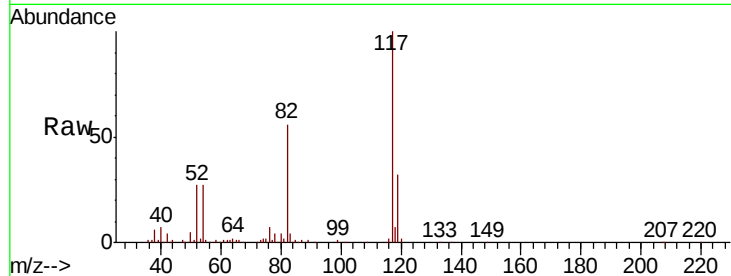




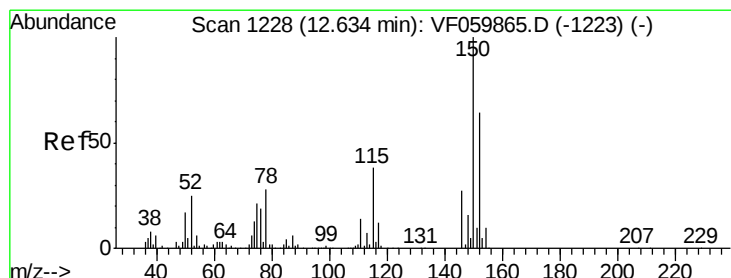
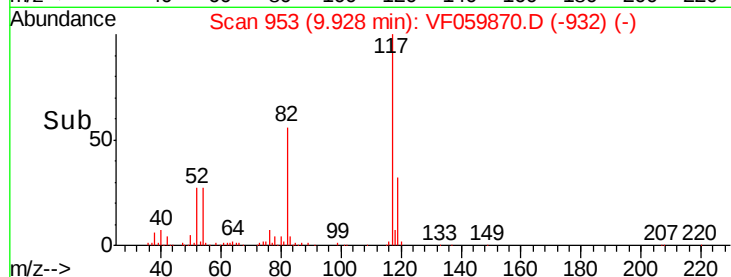
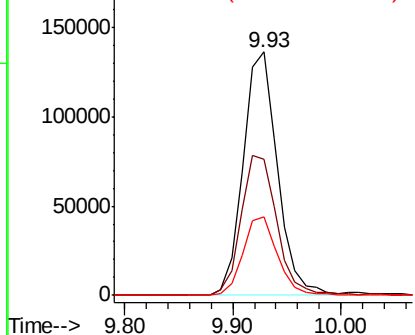
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF059870.D
Acq: 4 Aug 2018 7:57

Instrument :
MSVOA_F
ClientSampleId :
VF0804SBL02

Tot Ion:117 Resp: 301694
Ion Ratio Lower Upper
117 100
82 55.9 51.3 76.9
119 32.4 26.4 39.6

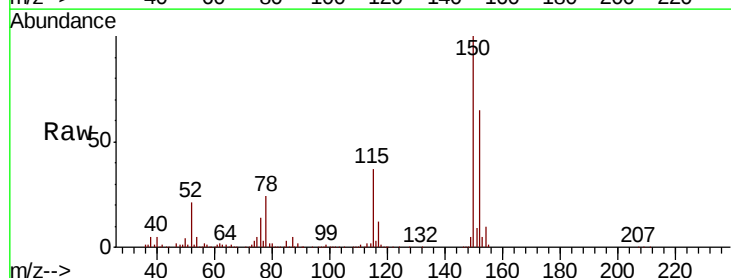


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.01 min
Lab File: VF059870.D
Acq: 4 Aug 2018 7:57

Tgt Ion:152 Resp: 203329
Ion Ratio Lower Upper
152 100
115 57.0 29.8 89.4
150 154.0 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

