

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081018\
 Data File : VF059938.D
 Acq On : 10 Aug 2018 12:04
 Operator : VA/AP
 Sample : VF0810SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0810SBL01

Quant Time: Aug 10 23:29:26 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	121416	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	168001	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	168759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	113778	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	106707	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
35) Dibromofluoromethane	4.30	113	88379	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
50) Toluene-d8	7.72	98	183218	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	11.51	95	107602	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.68%	

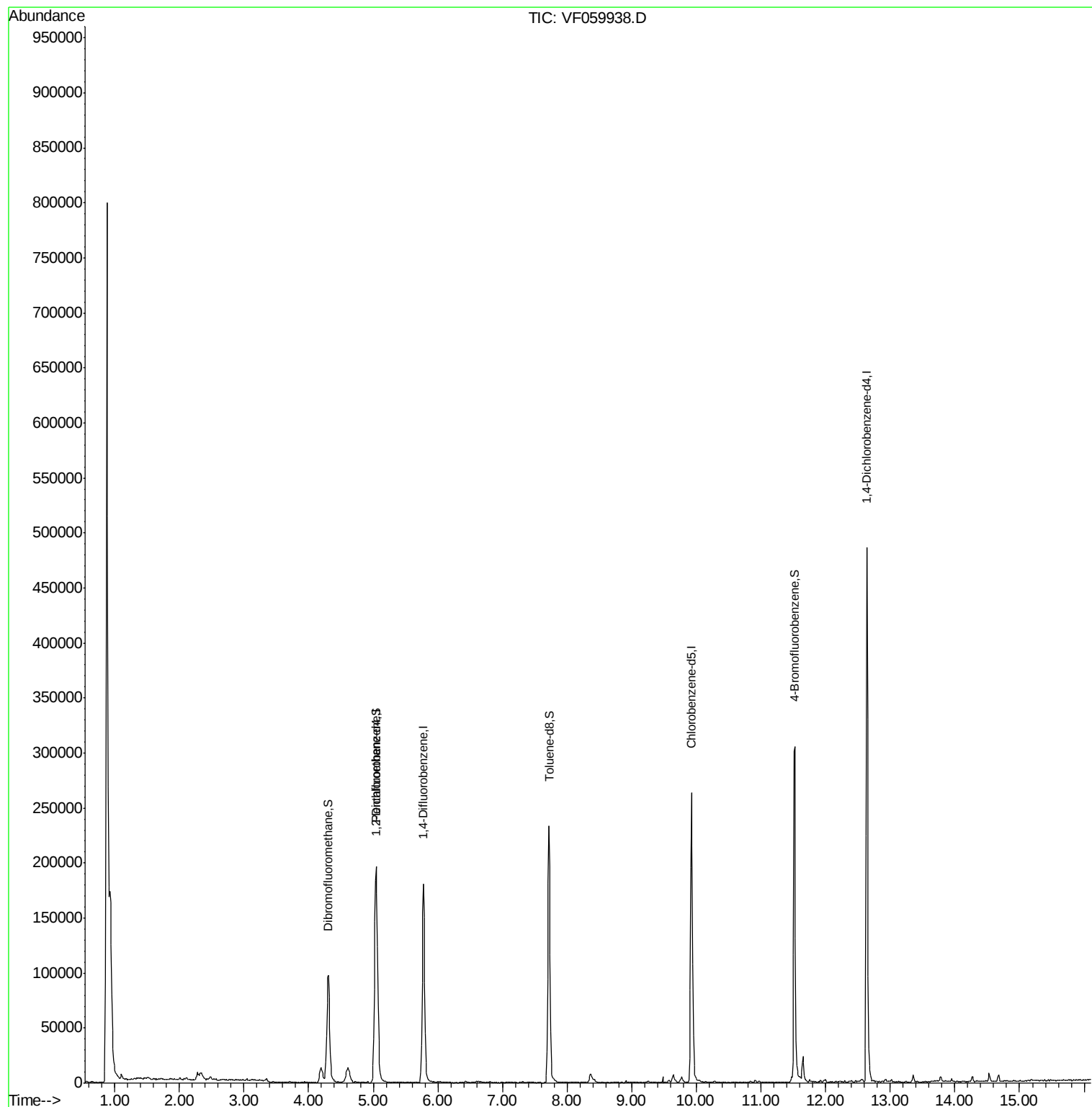
Target Compounds	Qvalue
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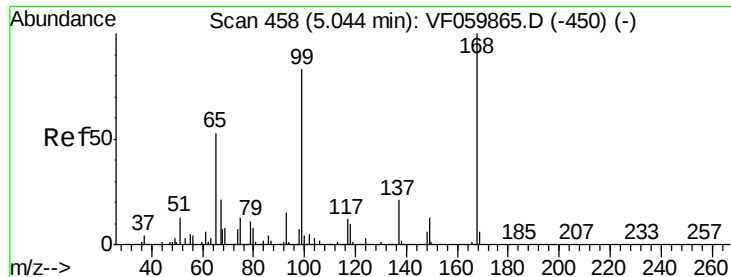
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF081018\
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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. 0.01 min

Lab File: VF059938.D

Acq: 10 Aug 2018 12:04

Instrument :

MSVOA_F

ClientSampleId :

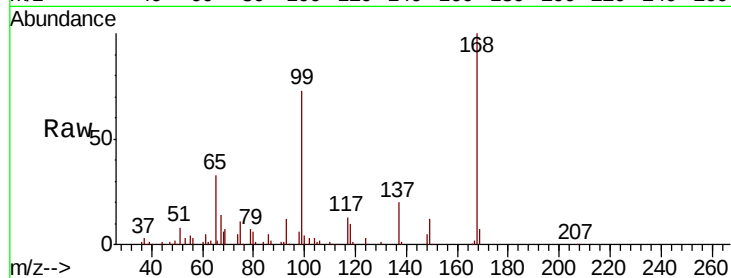
VF0810SBL01

Tot Ion:168 Resp: 121416

Ion Ratio Lower Upper

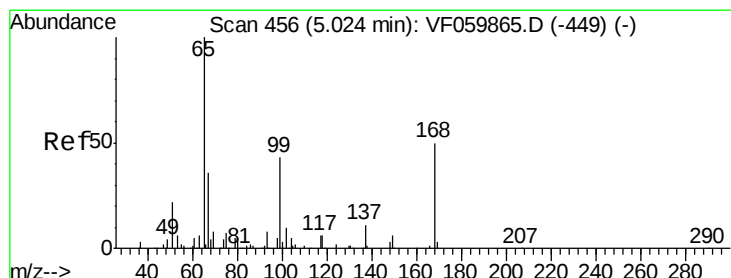
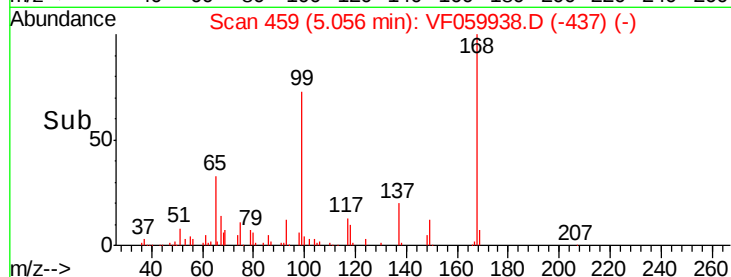
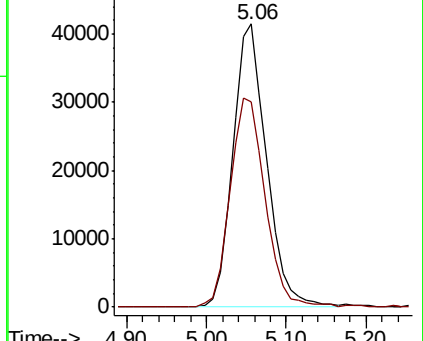
168 100

99 72.7 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 48.75 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF059938.D

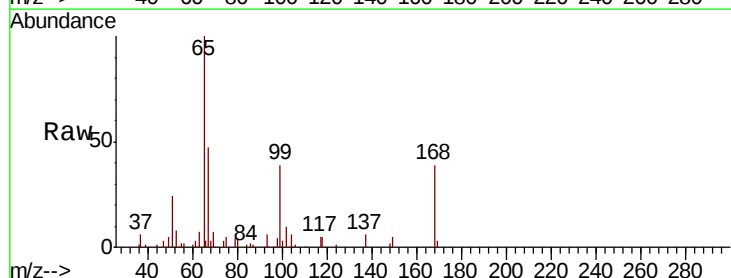
Acq: 10 Aug 2018 12:04

Tgt Ion: 65 Resp: 106707

Ion Ratio Lower Upper

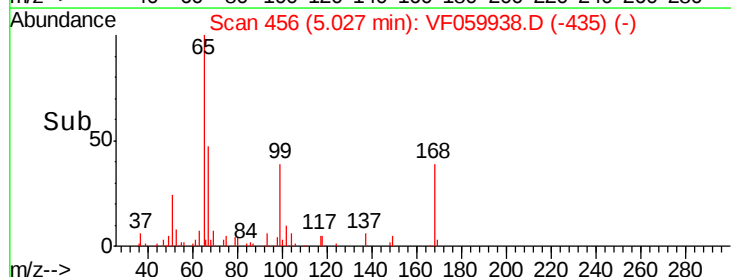
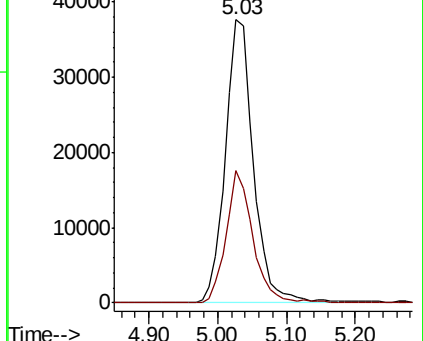
65 100

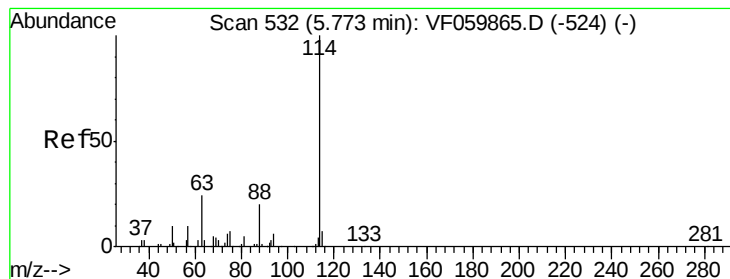
67 46.5 0.0 77.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.78 min Scan# 532

Delta R.T. 0.00 min

Lab File: VF059938.D

Acq: 10 Aug 2018 12:04

Instrument :

MSVOA_F

ClientSampleId :

VF0810SBL01

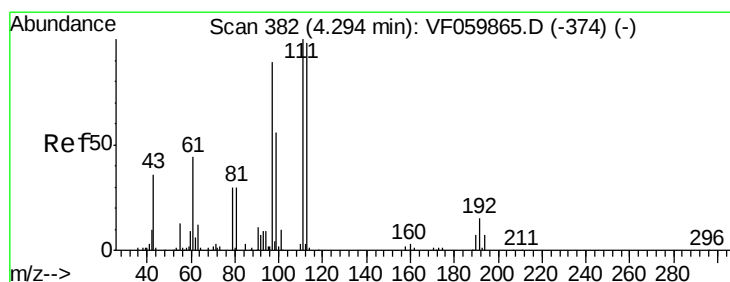
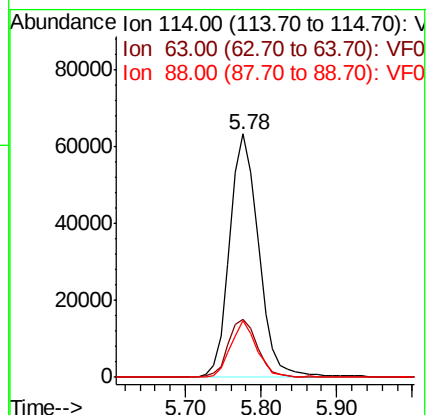
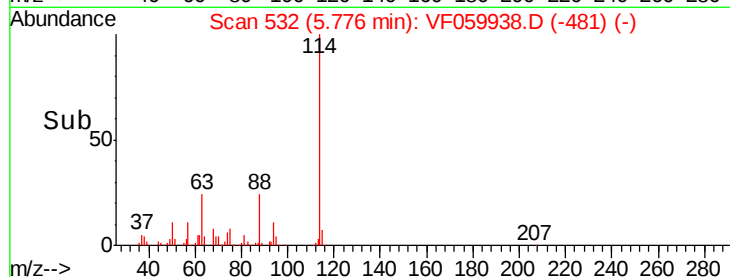
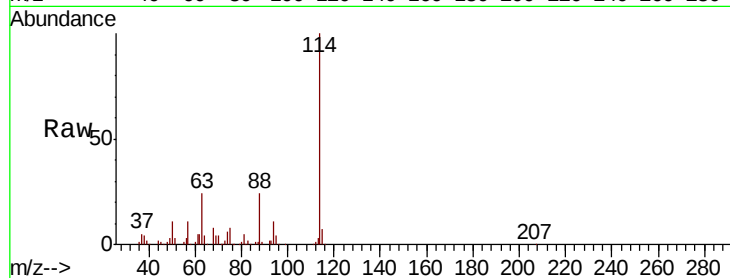
Tot Ion:114 Resp: 168001

Ion Ratio Lower Upper

114 100

63 23.8 0.0 48.0

88 23.5 0.0 39.4



#35

Dibromofluoromethane

Concen: 52.87 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.00 min

Lab File: VF059938.D

Acq: 10 Aug 2018 12:04

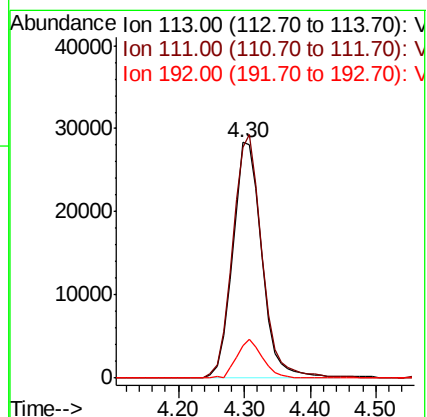
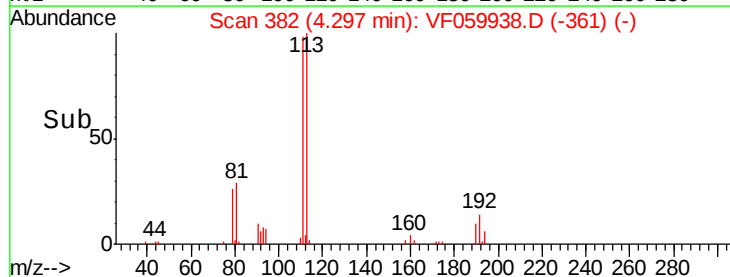
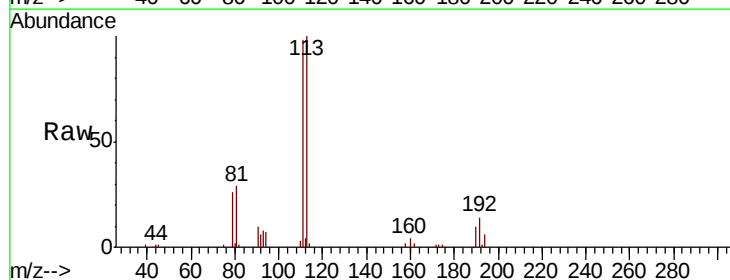
Tgt Ion:113 Resp: 88379

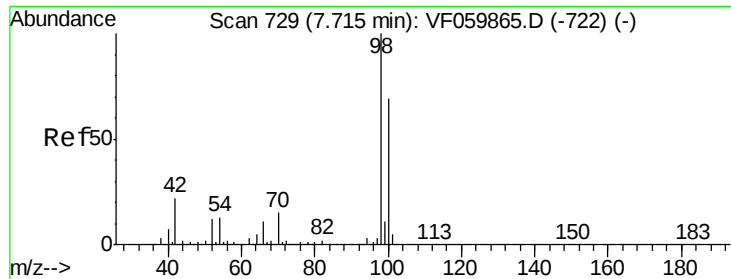
Ion Ratio Lower Upper

113 100

111 98.0 81.8 122.8

192 13.7 12.4 18.6





#50

Toluene-d8

Concen: 51.52 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.00 min

Lab File: VF059938.D

Acq: 10 Aug 2018 12:04

Instrument :

MSVOA_F

ClientSampleId :

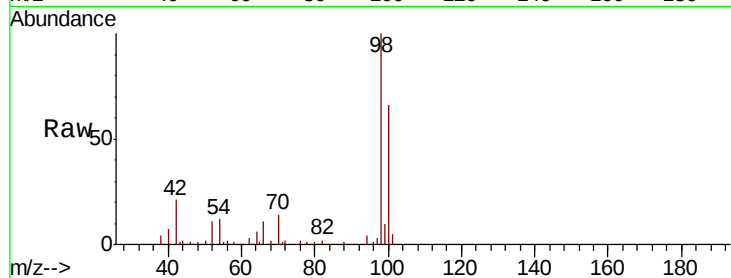
VF0810SBL01

Tot Ion: 98 Resp: 183218

Ion Ratio Lower Upper

98 100

100 66.1 55.0 82.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

80000

60000

40000

20000

0

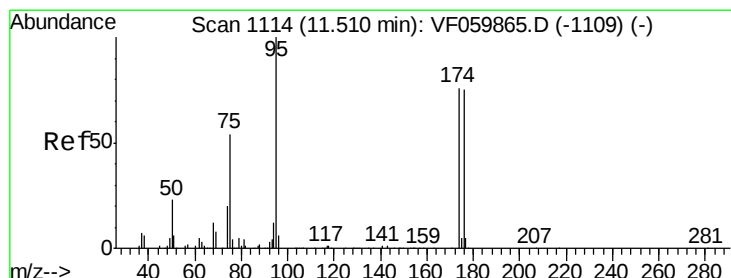
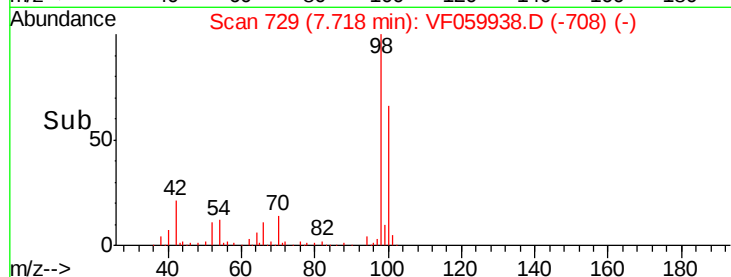
7.60

7.70

7.80

7.90

Time-->



#62

4-Bromofluorobenzene

Concen: 53.84 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059938.D

Acq: 10 Aug 2018 12:04

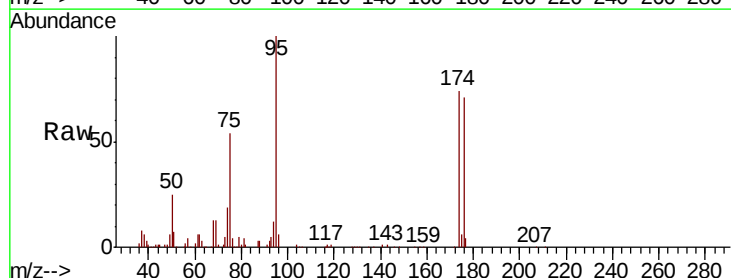
Tgt Ion: 95 Resp: 107602

Ion Ratio Lower Upper

95 100

174 73.8 0.0 151.6

176 70.6 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

80000

60000

40000

20000

0

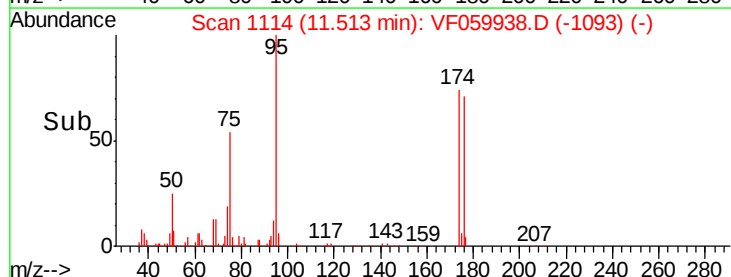
11.40

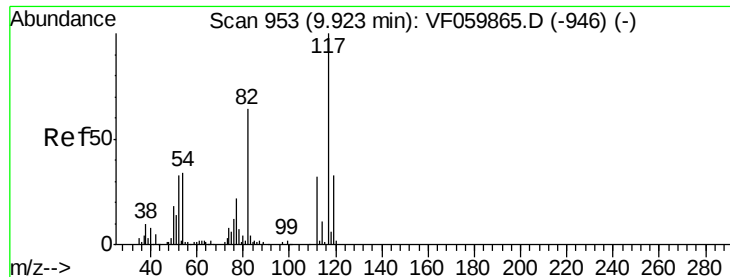
11.50

11.60

11.70

Time-->

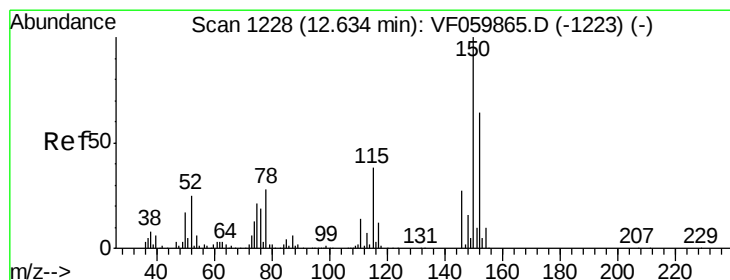
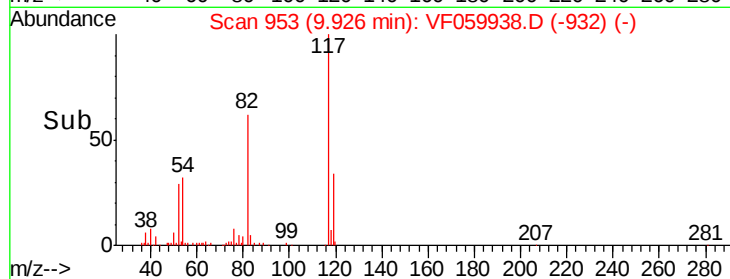
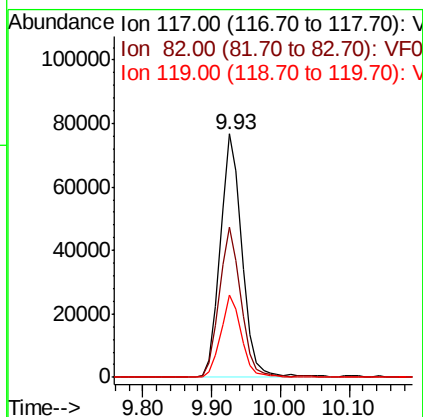
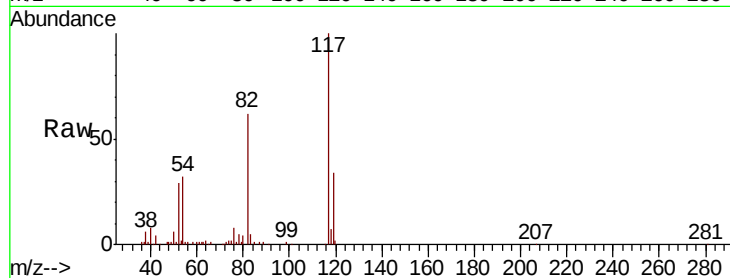




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBL01

Tot Ion:117 Resp: 168759
Ion Ratio Lower Upper
117 100
82 61.7 51.3 76.9
119 33.9 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Tgt Ion:152 Resp: 113778
Ion Ratio Lower Upper
152 100
115 64.0 29.8 89.4
150 158.0 0.0 315.6

