

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070318\
 Data File : VF059405.D
 Acq On : 3 Jul 2018 11:46
 Operator : VA/AP
 Sample : VF0703SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0703SBL01

Quant Time: Jul 04 00:41:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.00	168	293215	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.73	114	430791	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.88	117	436105	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	295211	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	182277	48.12	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	96.24%	
35) Dibromofluoromethane	4.26	113	159688	50.73	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	7.68	98	345999	44.40	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	88.80%	
62) 4-Bromofluorobenzene	11.49	95	214160	48.72	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.44%	

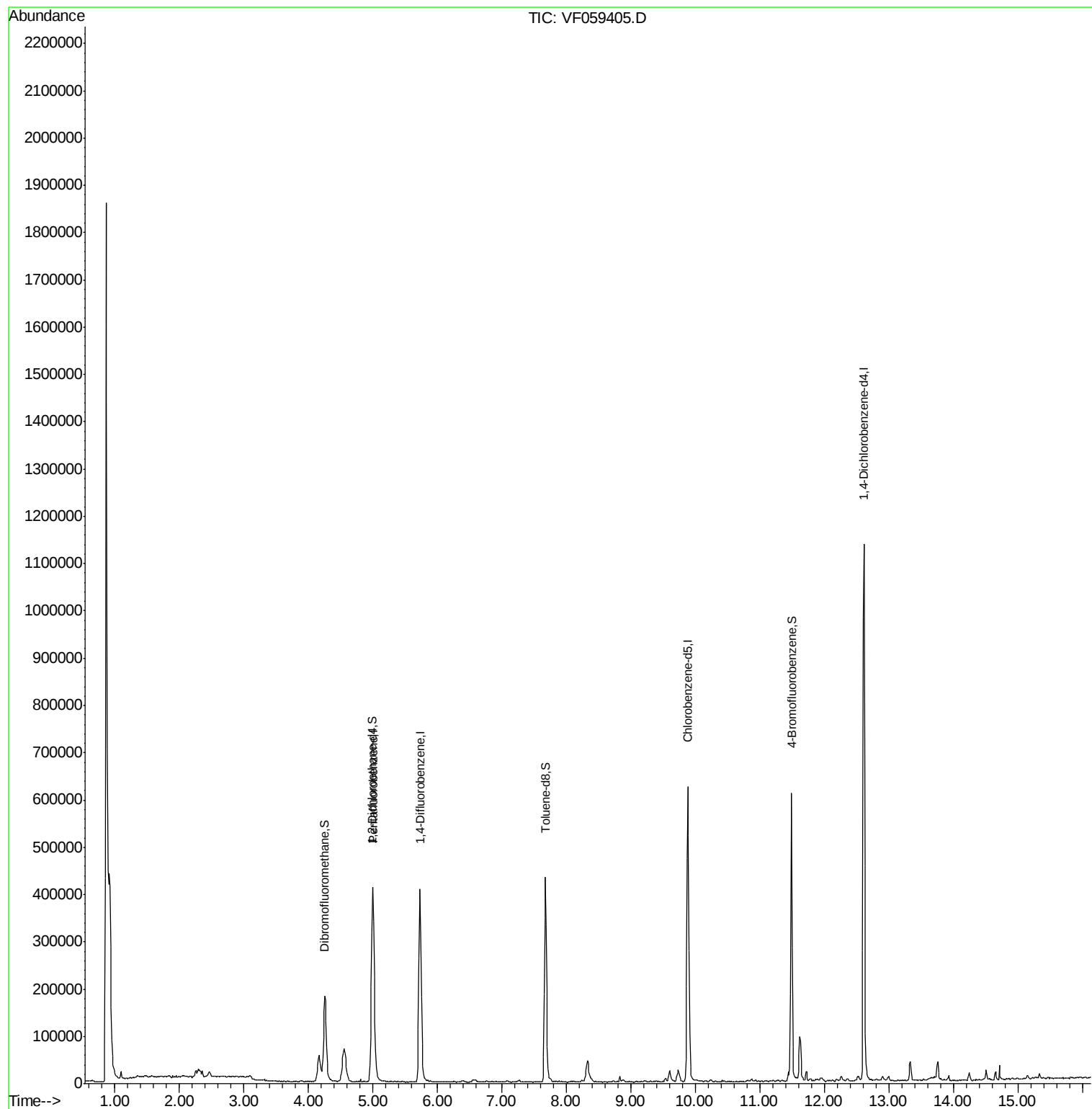
Target Compounds	Qvalue

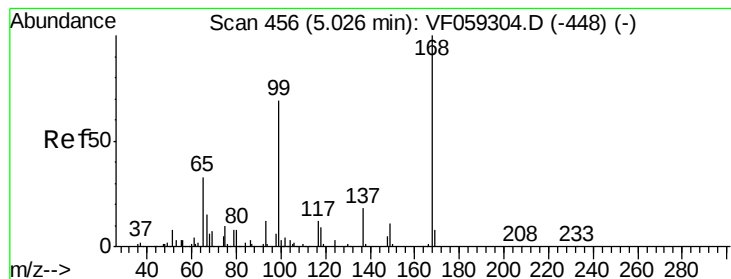
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.02 min

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Acq: 3 Jul 2018 11:46

Instrument :

MSVOA_F

ClientSampleId :

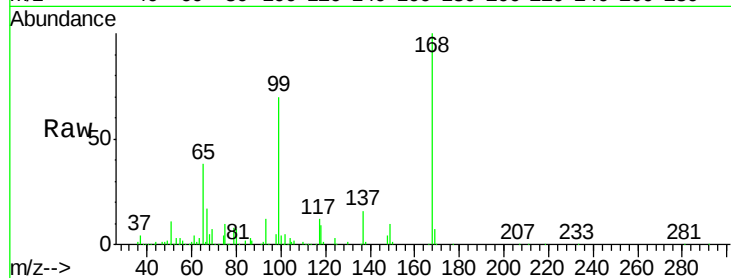
VF0703SBL01

Tot Ion:168 Resp: 293215

Ion Ratio Lower Upper

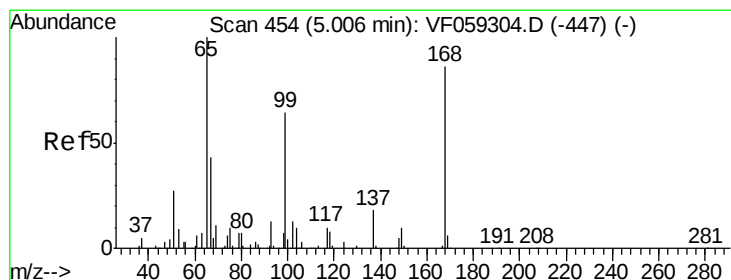
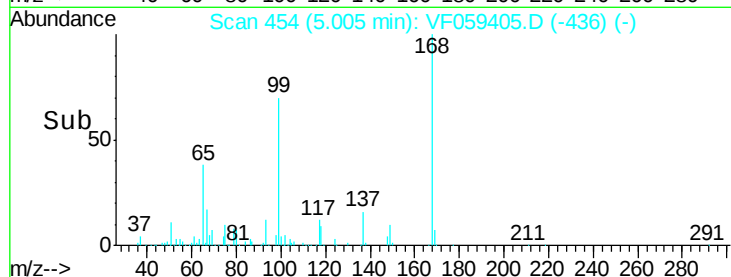
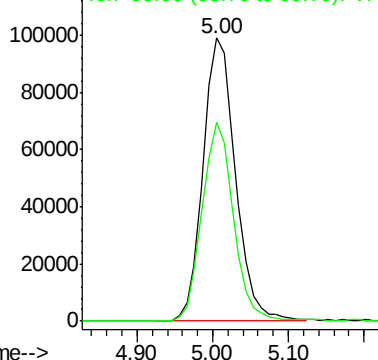
168 100

99 70.4 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 48.116 ug/l

RT: 4.99 min Scan# 452

Delta R.T. -0.02 min

Lab File: VF059405.D

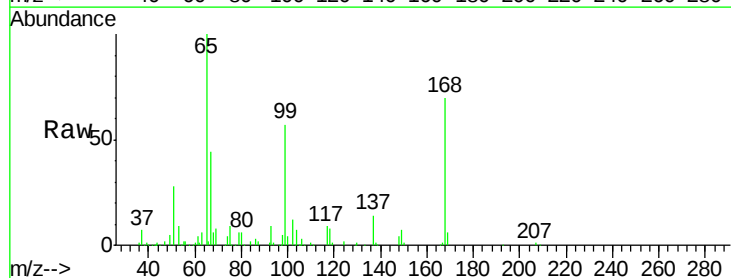
Acq: 3 Jul 2018 11:46

Tgt Ion: 65 Resp: 182277

Ion Ratio Lower Upper

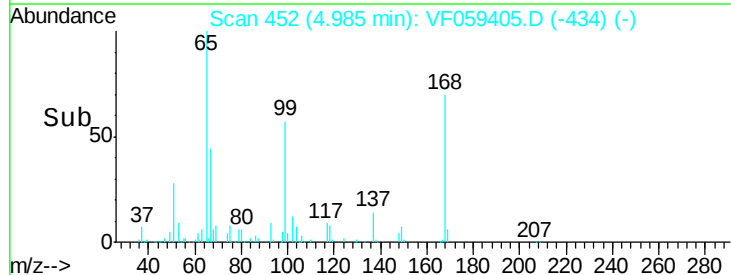
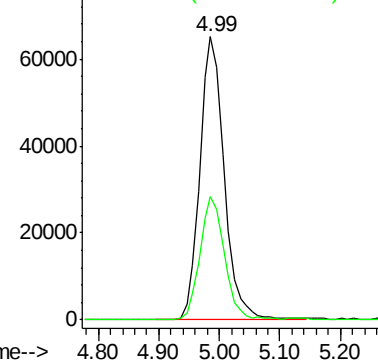
65 100

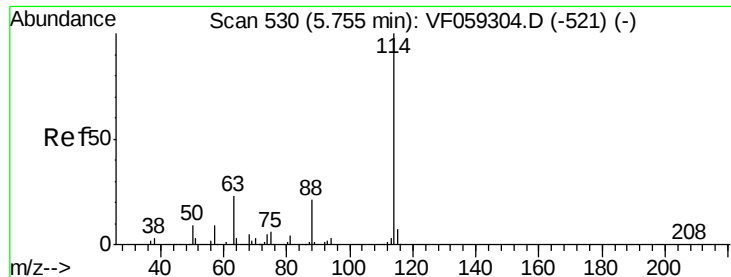
67 43.6 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.73 min Scan# 528

Delta R.T. -0.02 min

Lab File: VF059405.D

Acq: 3 Jul 2018 11:46

Instrument :

MSVOA_F

ClientSampleId :

VF0703SBL01

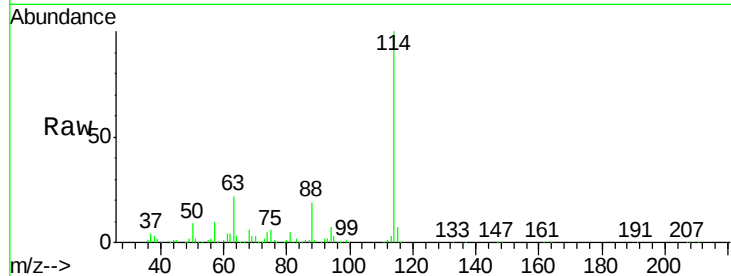
Tot Ion:114 Resp: 430791

Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.8

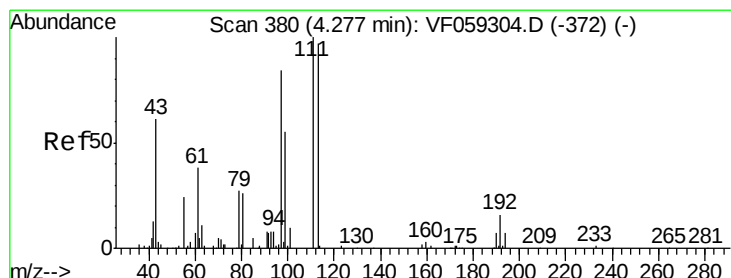
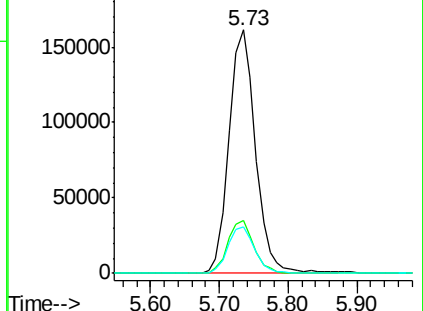
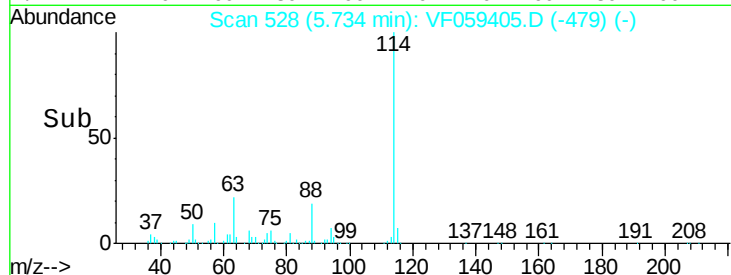
88 19.0 0.0 41.2



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: 50.732 ug/l

RT: 4.26 min Scan# 378

Delta R.T. -0.02 min

Lab File: VF059405.D

Acq: 3 Jul 2018 11:46

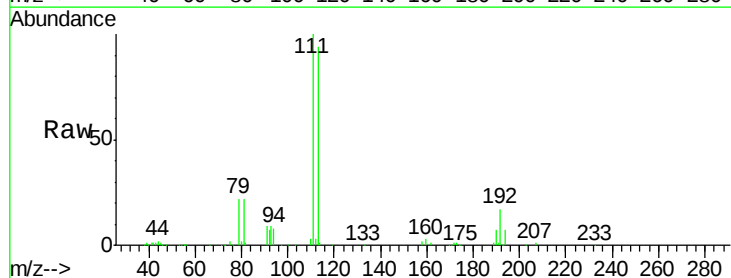
Tgt Ion:113 Resp: 159688

Ion Ratio Lower Upper

113 100

111 106.1 82.1 123.1

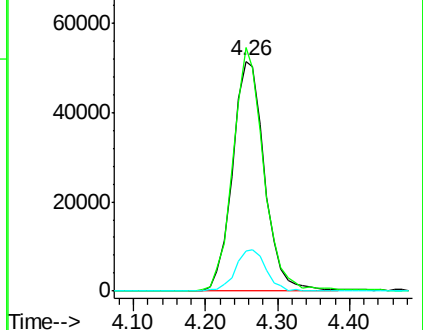
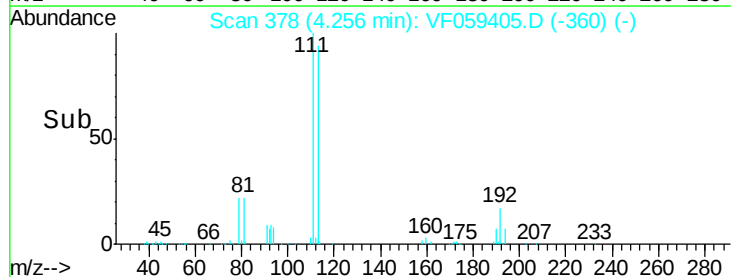
192 17.7 13.0 19.6

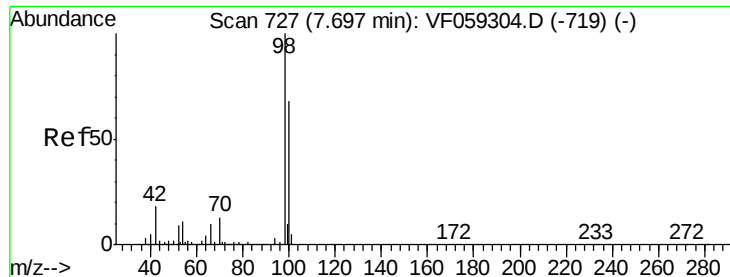


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 44.397 ug/l

RT: 7.68 min Scan# 725

Delta R.T. -0.02 min

Lab File: VF059405.D

Acq: 3 Jul 2018 11:46

Instrument :

MSVOA_F

ClientSampleId :

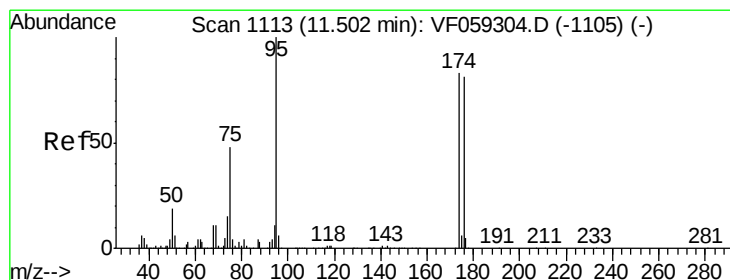
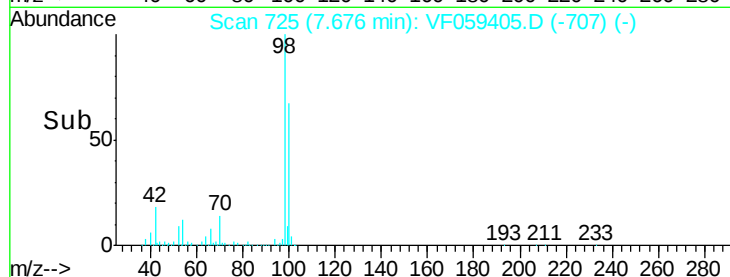
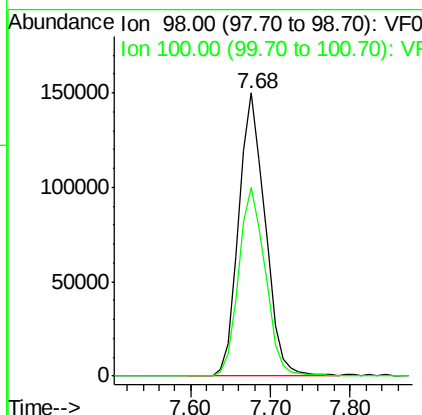
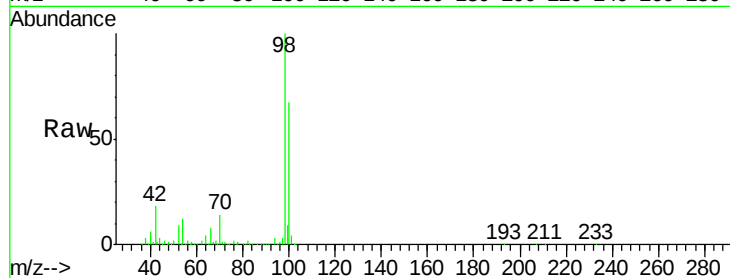
VF0703SBL01

Tot Ion: 98 Resp: 345999

Ion Ratio Lower Upper

98 100

100 66.5 54.6 82.0



#62

4-Bromofluorobenzene

Concen: 48.716 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059405.D

Acq: 3 Jul 2018 11:46

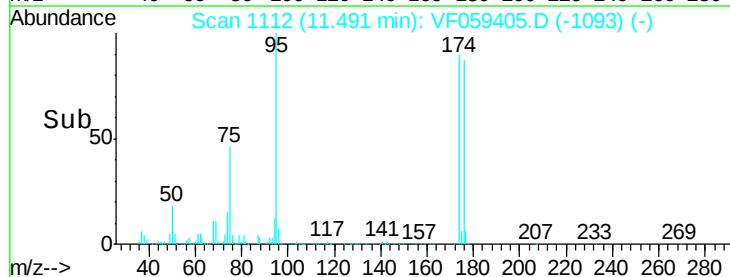
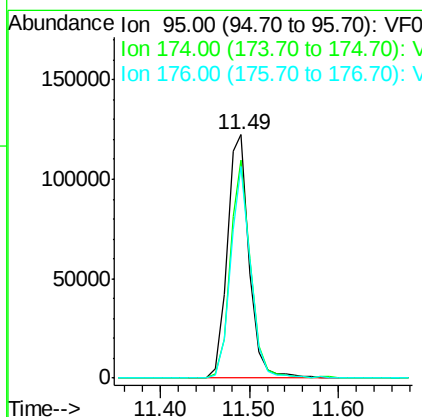
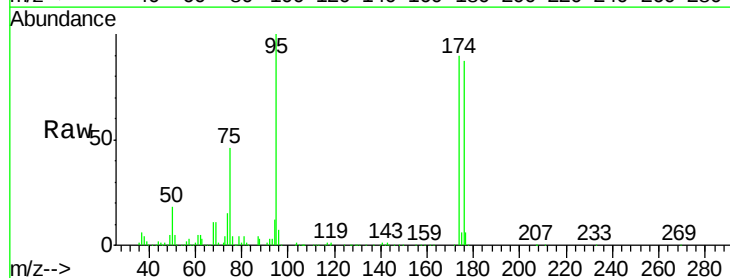
Tgt Ion: 95 Resp: 214160

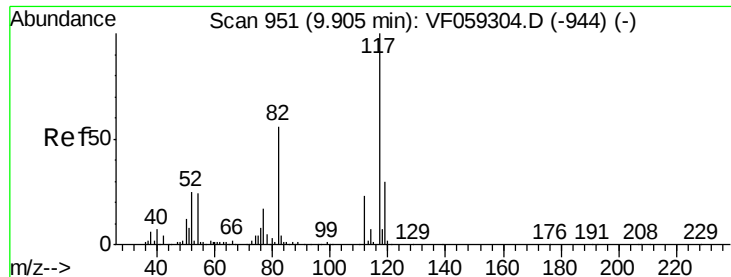
Ion Ratio Lower Upper

95 100

174 89.8 0.0 165.2

176 87.0 0.0 161.0

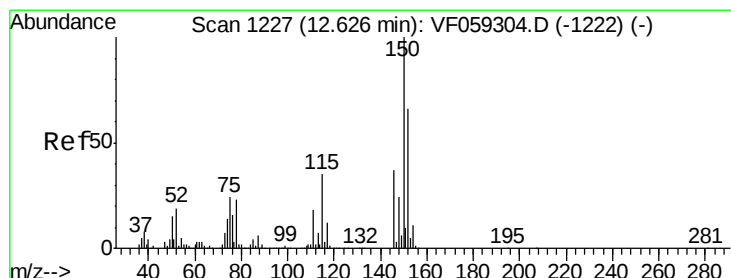
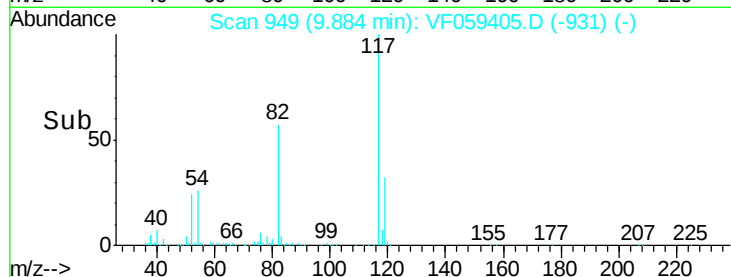
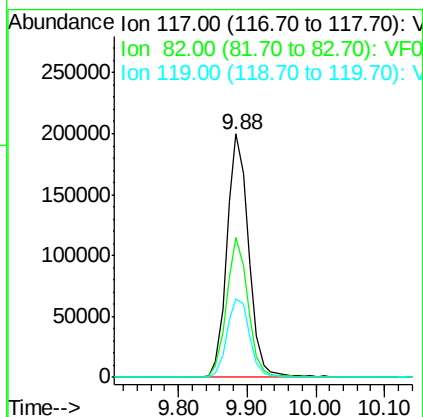
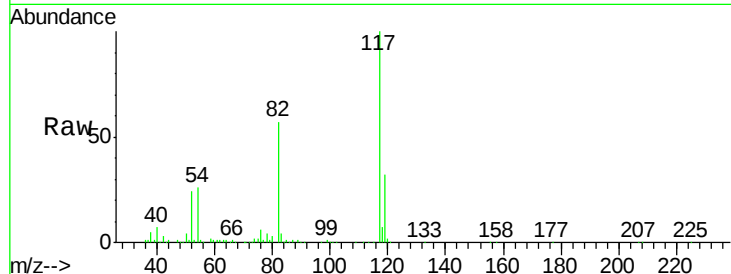




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.88 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059405.D
Acq: 3 Jul 2018 11:46

Instrument :
MSVOA_F
ClientSampleId :
VF0703SBL01

Tot Ion:117 Resp: 436105
Ion Ratio Lower Upper
117 100
82 57.3 44.6 66.8
119 32.1 24.1 36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059405.D
Acq: 3 Jul 2018 11:46

Tgt Ion:152 Resp: 295211
Ion Ratio Lower Upper
152 100
115 55.7 27.1 81.3
150 158.4 0.0 305.2

