

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062118\
 Data File : VF059271.D
 Acq On : 21 Jun 2018 20:27
 Operator : VA/AP
 Sample : VF0621SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0621SBL01

Quant Time: Jun 22 07:30:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 22 05:22:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Pentafluorobenzene	5.03	168	264976	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	405232	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	393893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	257070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	186713	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
35) Dibromofluoromethane	4.28	113	177952	52.19	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.38%	
50) Toluene-d8	7.70	98	429889	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.51	95	229167	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	

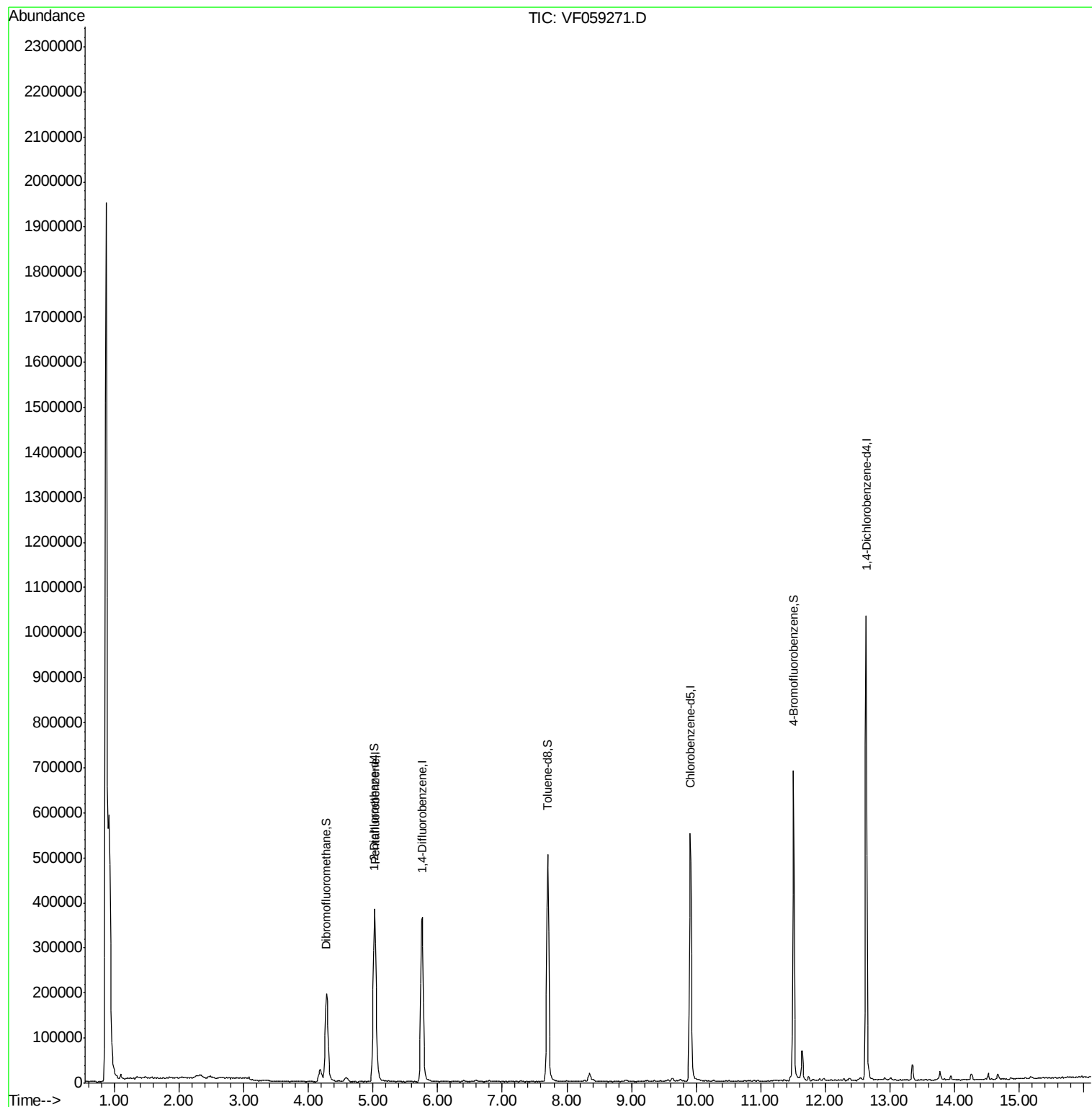
Target Compounds	Qvalue
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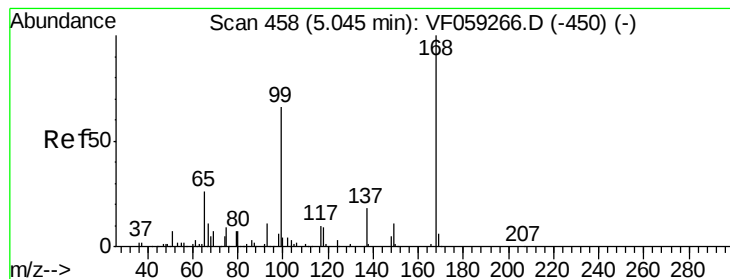
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 22 05:22:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF059271.D

Acq: 21 Jun 2018 20:27

Instrument :

MSVOA_F

ClientSampleId :

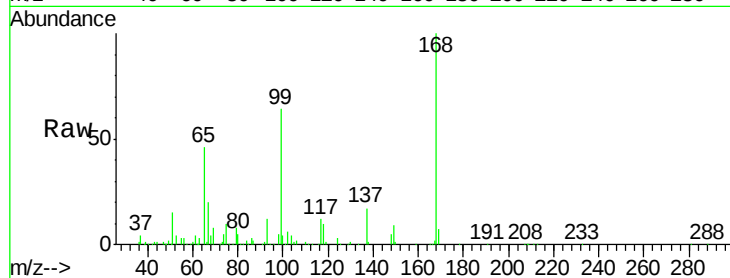
VF0621SBL01

Tot Ion:168 Resp: 264976

Ion Ratio Lower Upper

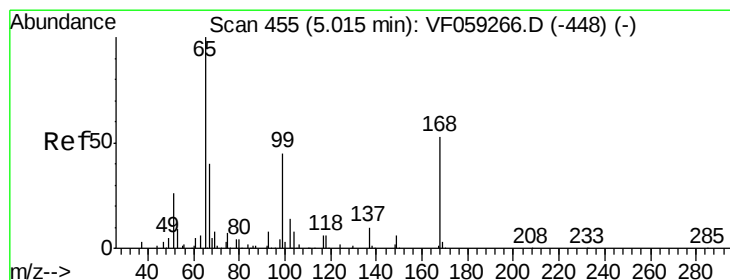
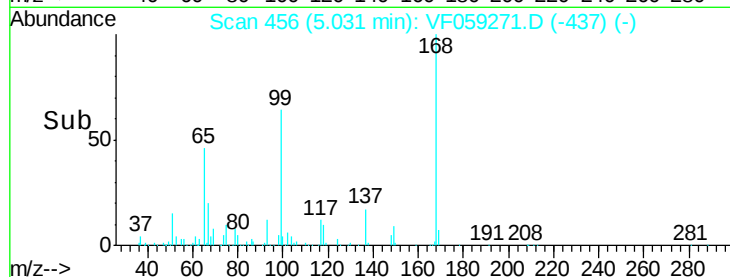
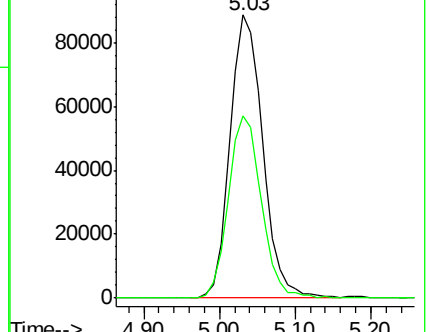
168 100

99 64.2 52.6 78.8



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: 49.09 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF059271.D

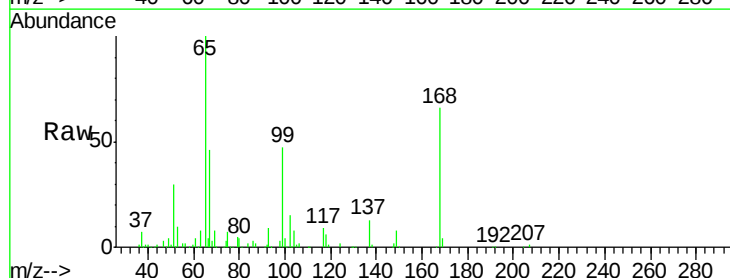
Acq: 21 Jun 2018 20:27

Tgt Ion: 65 Resp: 186713

Ion Ratio Lower Upper

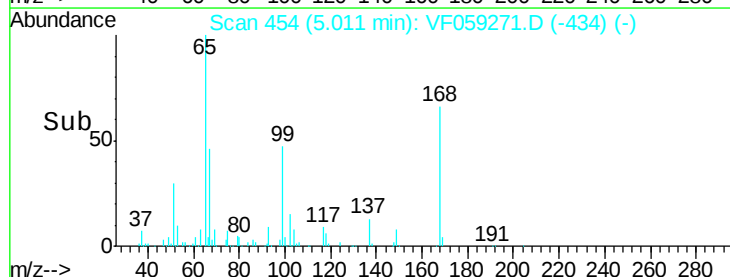
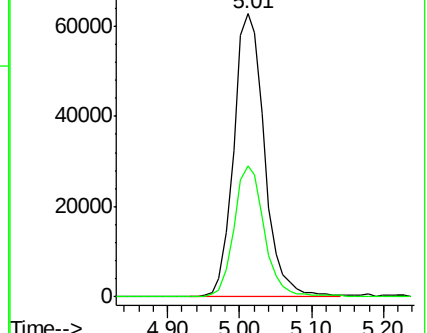
65 100

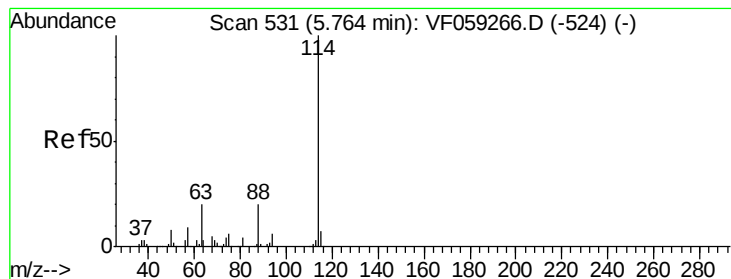
67 46.3 0.0 95.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059271.D

Acq: 21 Jun 2018 20:27

Instrument :

MSVOA_F

ClientSampleId :

VF0621SBL01

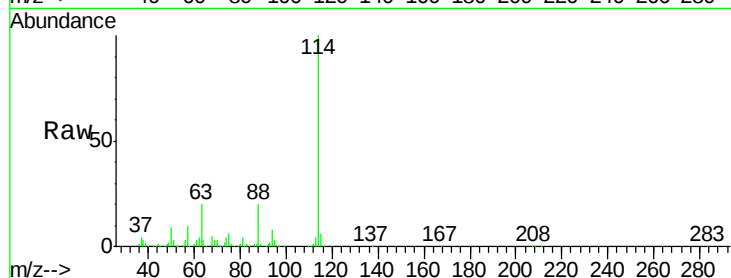
Tot Ion:114 Resp: 405232

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.0

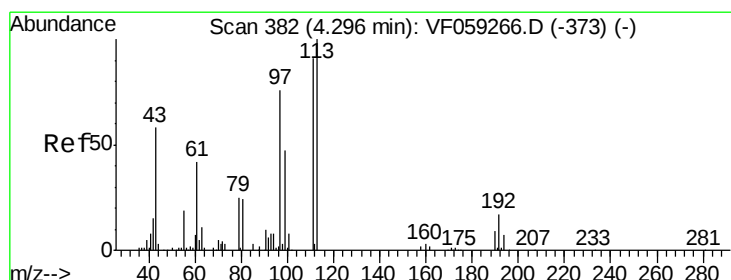
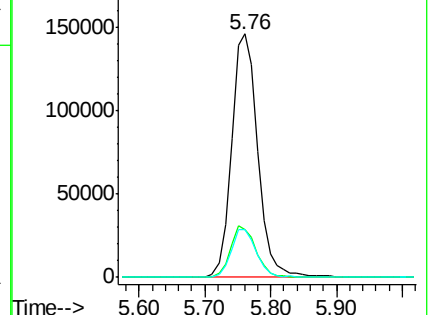
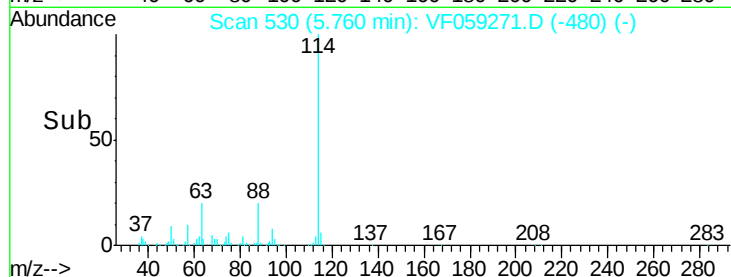
88 19.5 0.0 39.6



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: 52.19 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.01 min

Lab File: VF059271.D

Acq: 21 Jun 2018 20:27

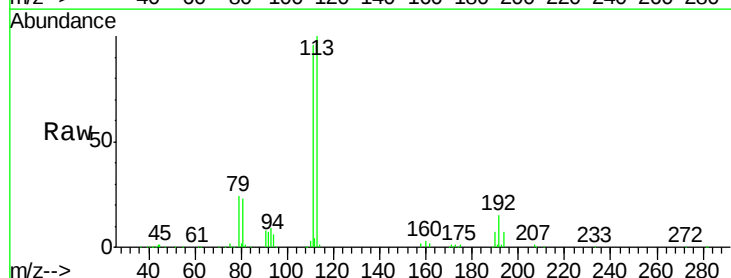
Tgt Ion:113 Resp: 177952

Ion Ratio Lower Upper

113 100

111 96.2 73.1 109.7

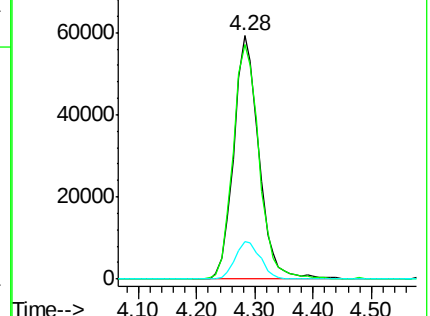
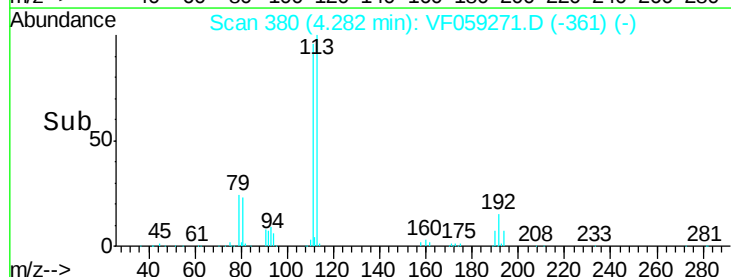
192 15.2 13.9 20.9

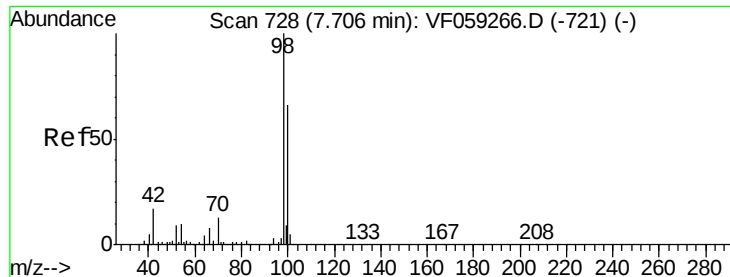


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 49.57 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.00 min

Lab File: VF059271.D

Acq: 21 Jun 2018 20:27

Instrument :

MSVOA_F

ClientSampleId :

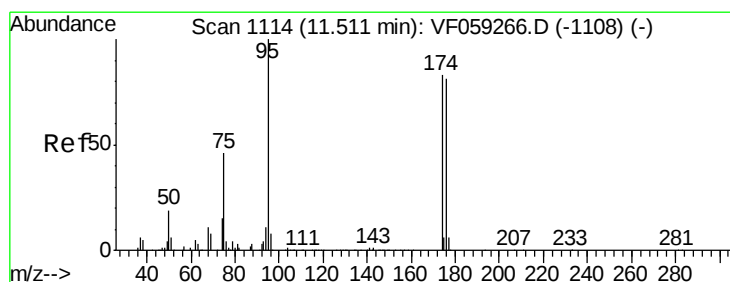
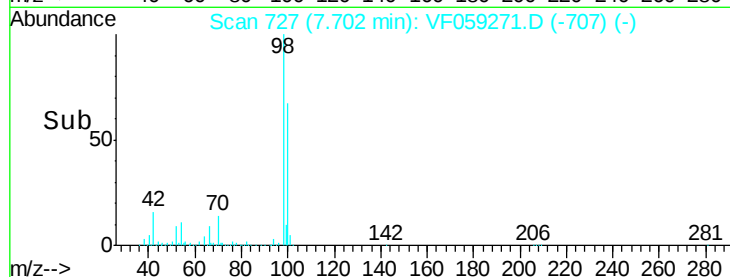
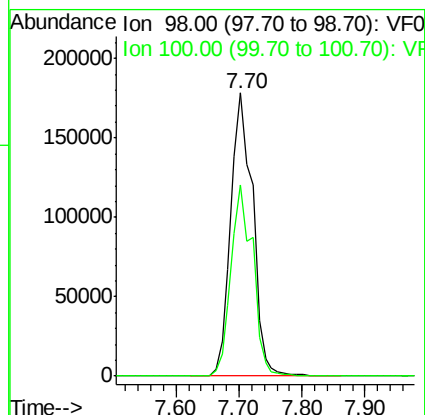
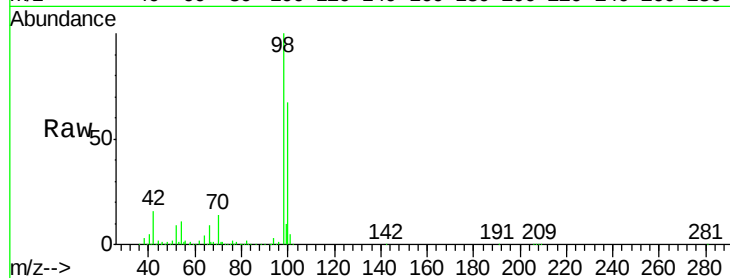
VF0621SBL01

Tot Ion: 98 Resp: 429889

Ion Ratio Lower Upper

98 100

100 67.3 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 47.65 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059271.D

Acq: 21 Jun 2018 20:27

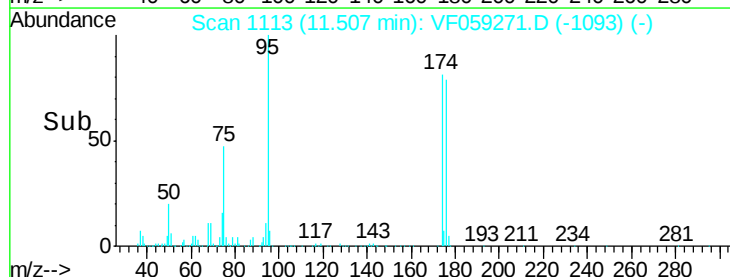
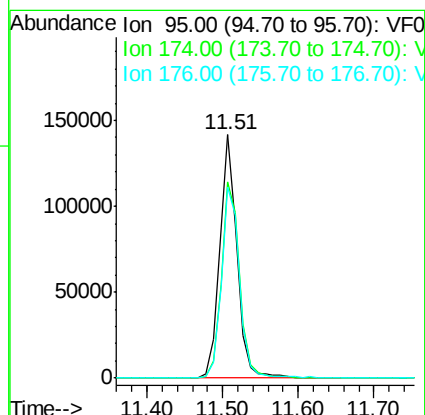
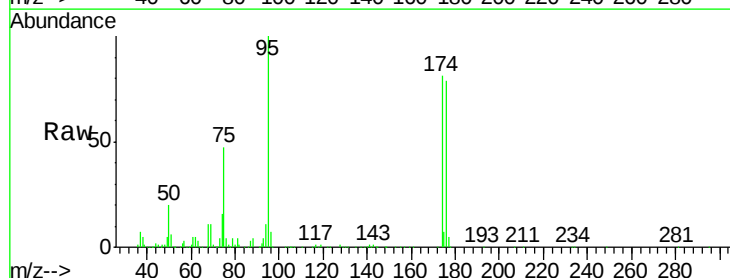
Tgt Ion: 95 Resp: 229167

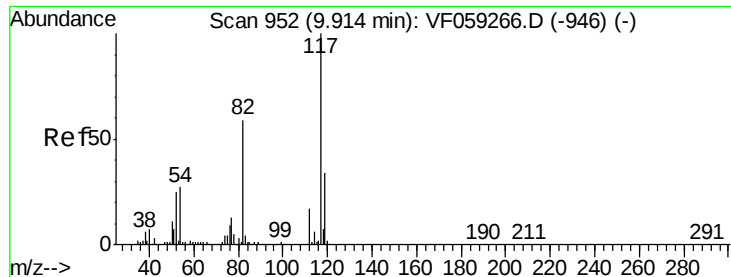
Ion Ratio Lower Upper

95 100

174 80.7 0.0 166.2

176 78.6 0.0 162.8

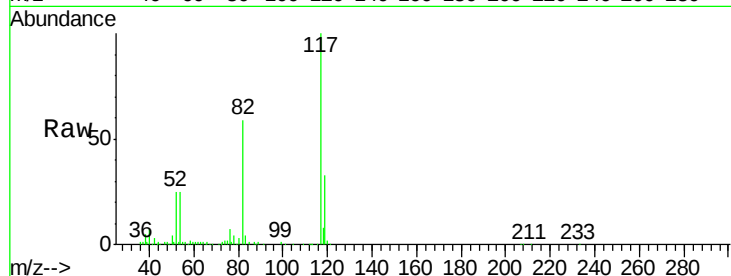




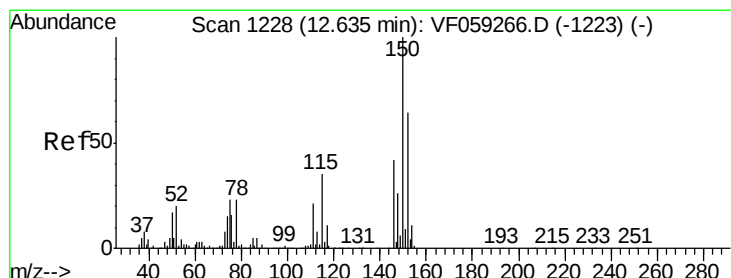
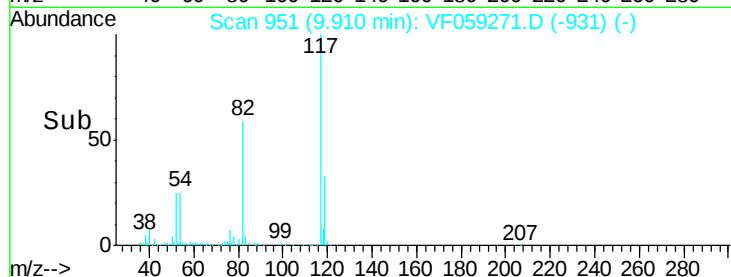
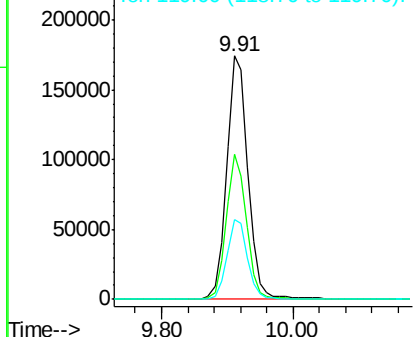
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059271.D
Acq: 21 Jun 2018 20:27

Instrument :
MSVOA_F
ClientSampleId :
VF0621SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.4	47.1	70.7
119	32.6	26.9	40.3

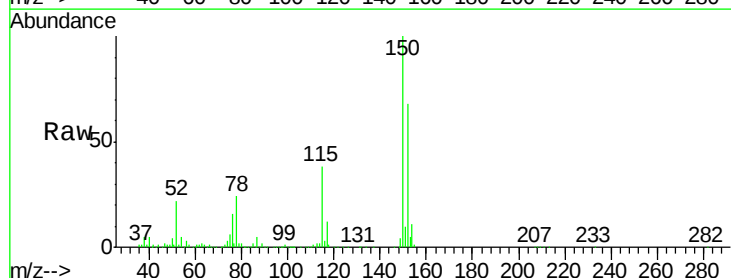


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059271.D
Acq: 21 Jun 2018 20:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	27.8	83.3
150	148.0	0.0	313.8



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

