

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062918\
 Data File : VF059380.D
 Acq On : 29 Jun 2018 16:51
 Operator : VA/AP
 Sample : J3774-07
 Misc : 5.66g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-6(4-6)

Quant Time: Jun 30 00:10:44 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	5.03	168	348120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	562126	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	545417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	345533	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	264910	58.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.80%	
35) Dibromofluoromethane	4.28	113	275233	67.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.02%	
50) Toluene-d8	7.70	98	629281	61.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.76%	
62) 4-Bromofluorobenzene	11.50	95	357945	62.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.80%	

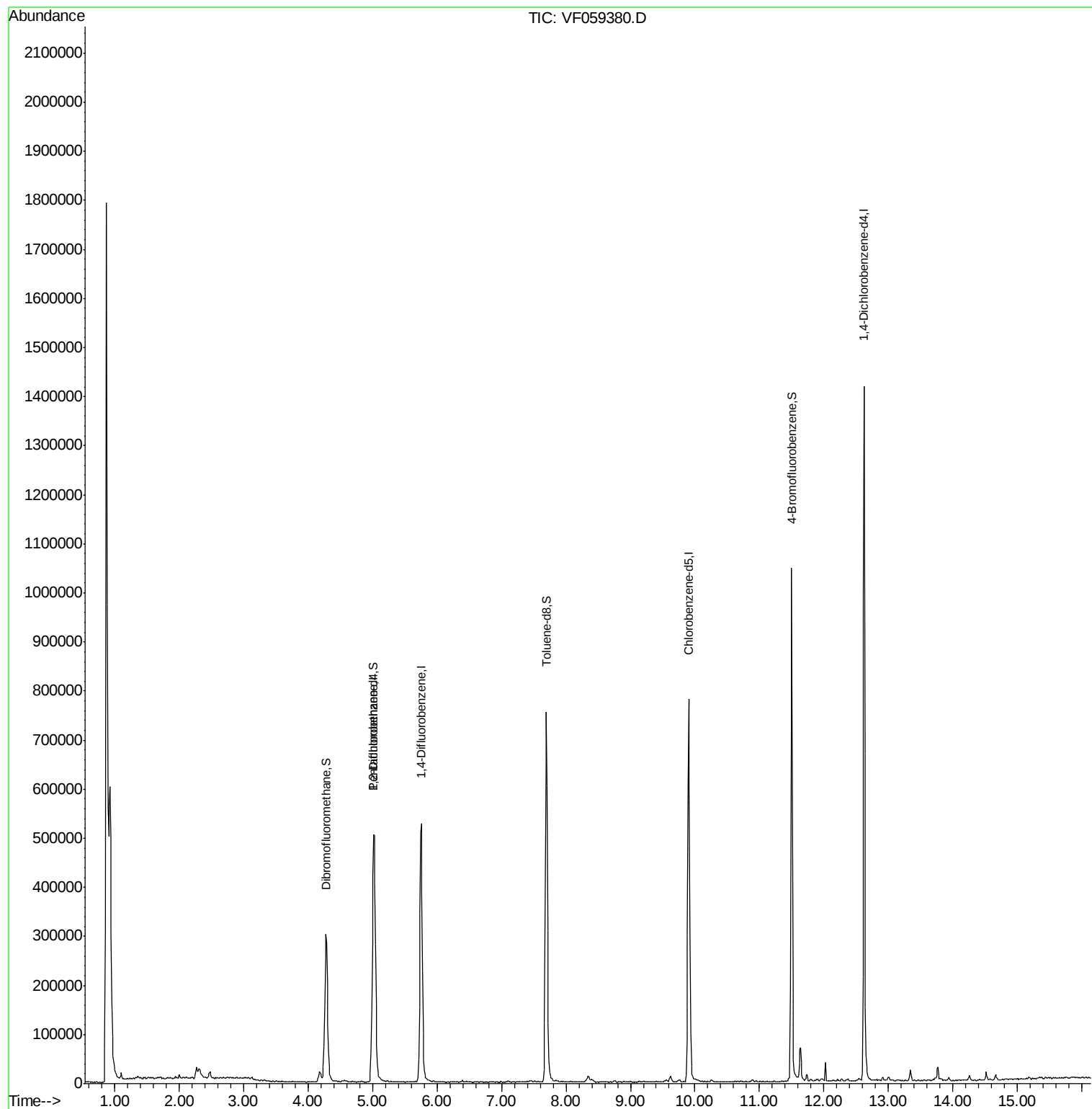
Target Compounds	Qvalue

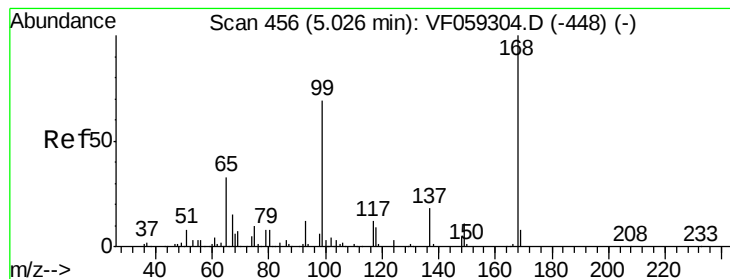
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF059380.D

Acq: 29 Jun 2018 16:51

Instrument :

MSVOA_F

ClientSampleId :

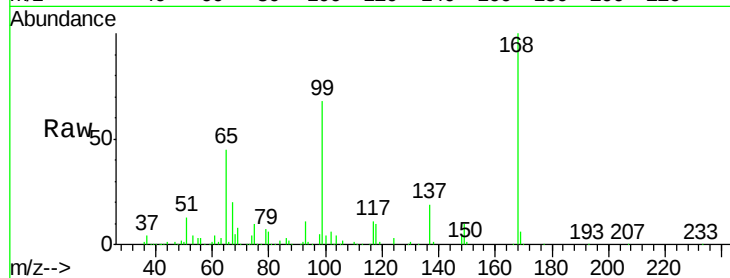
SB-6(4-6)

Tot Ion:168 Resp: 348120

Ion Ratio Lower Upper

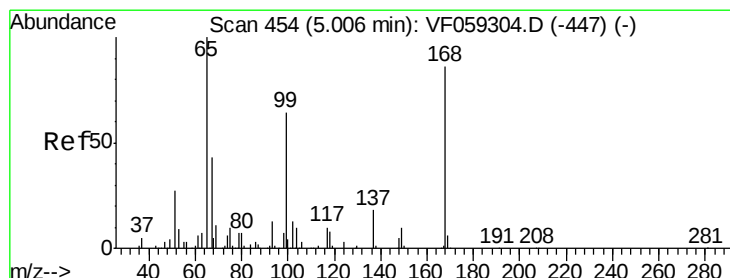
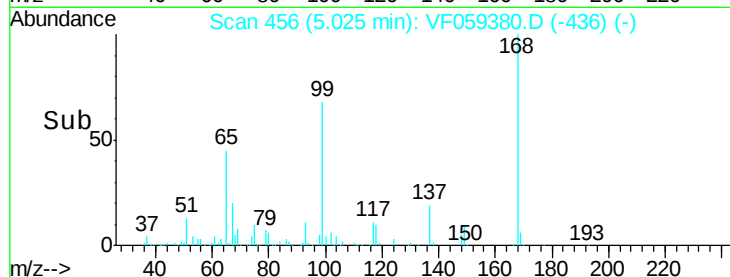
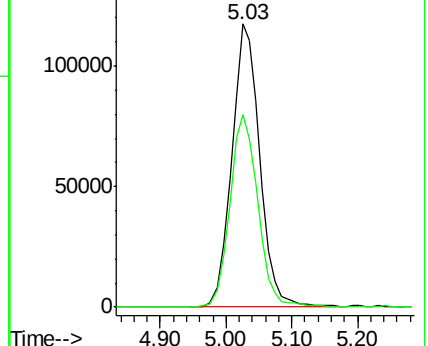
168 100

99 68.0 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: 58.90 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF059380.D

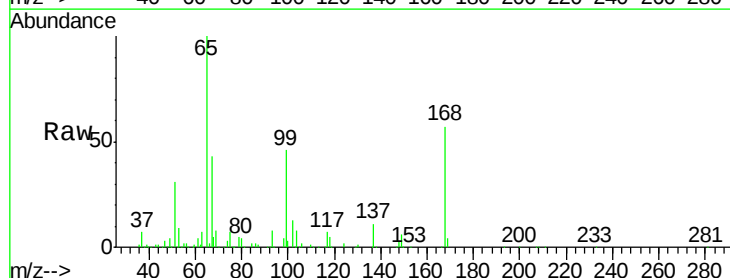
Acq: 29 Jun 2018 16:51

Tgt Ion: 65 Resp: 264910

Ion Ratio Lower Upper

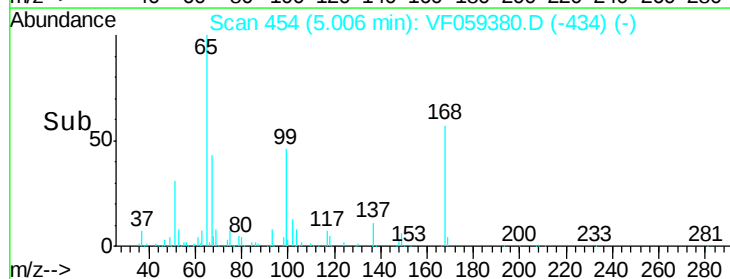
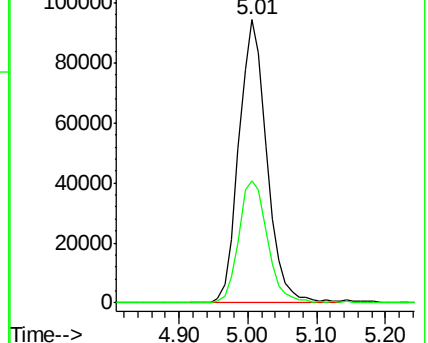
65 100

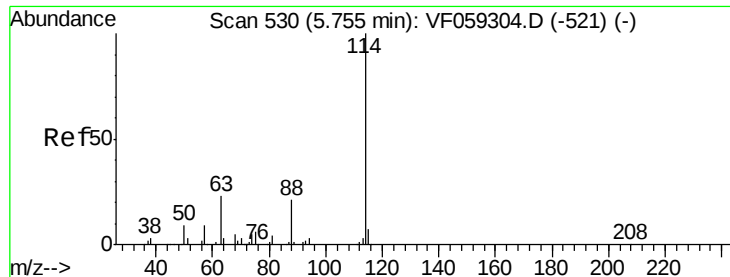
67 43.2 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

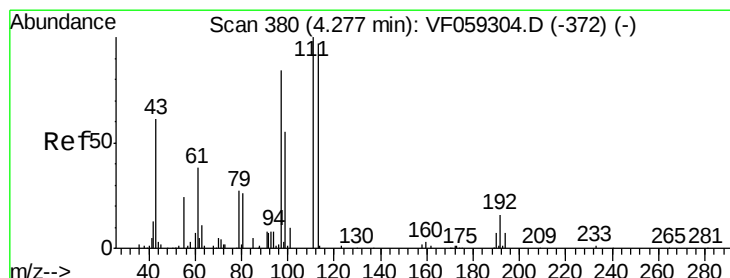
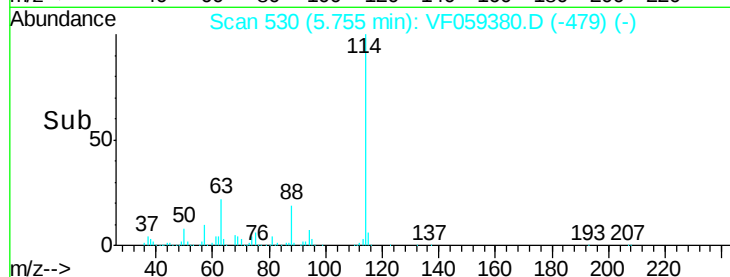
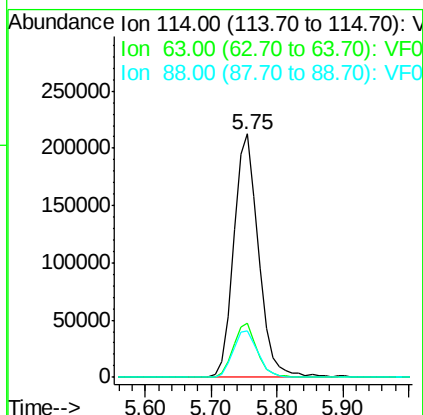
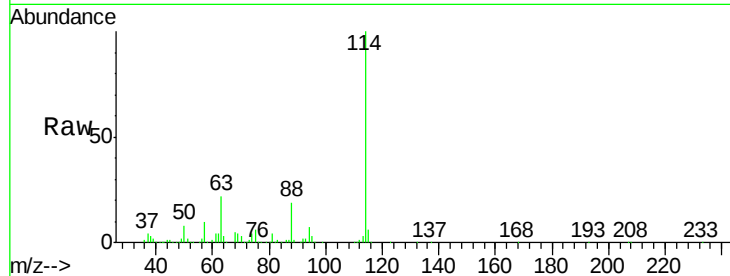




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VF059380.D
 Acq: 29 Jun 2018 16:51

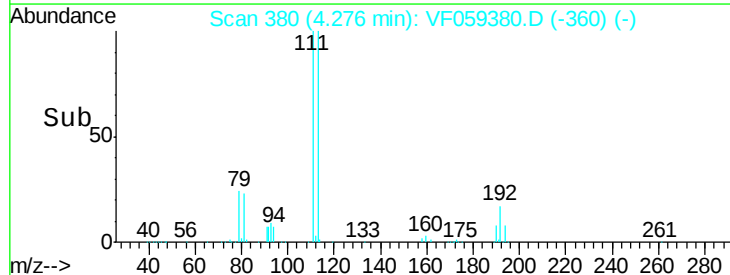
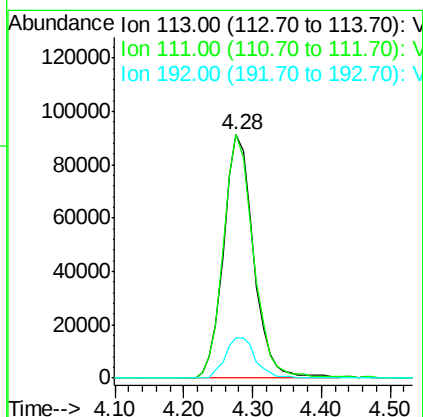
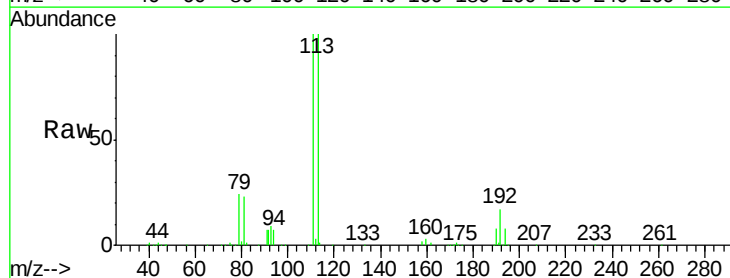
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-6(4-6)

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	45.8
88	18.9	0.0	41.2



#35
 Dibromofluoromethane
 Concen: 67.01 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VF059380.D
 Acq: 29 Jun 2018 16:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.9	82.1	123.1
192	16.7	13.0	19.6





#50

Toluene-d8

Concen: 61.88 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.00 min

Lab File: VF059380.D

Acq: 29 Jun 2018 16:51

Instrument :

MSVOA_F

ClientSampleId :

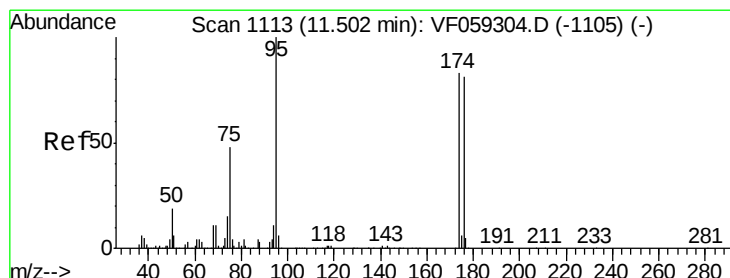
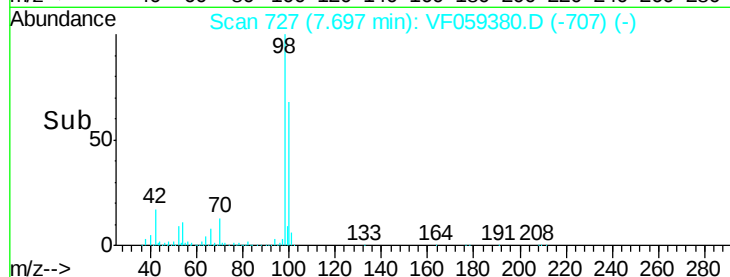
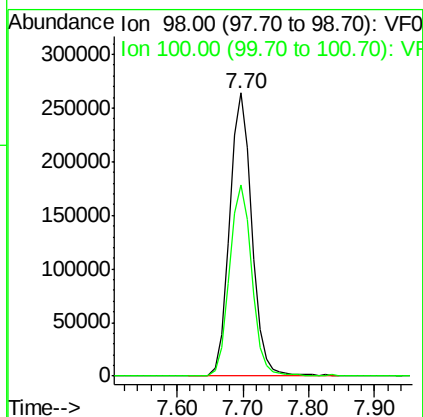
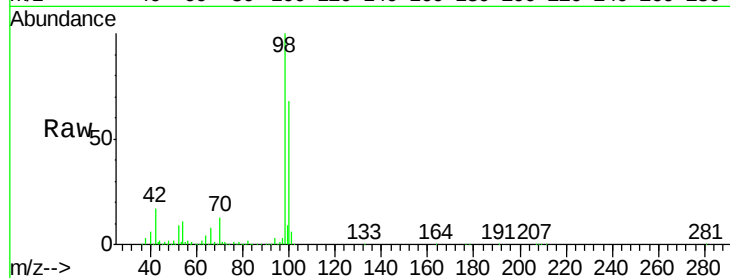
SB-6(4-6)

Tot Ion: 98 Resp: 629281

Ion Ratio Lower Upper

98 100

100 67.7 54.6 82.0



#62

4-Bromofluorobenzene

Concen: 62.40 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059380.D

Acq: 29 Jun 2018 16:51

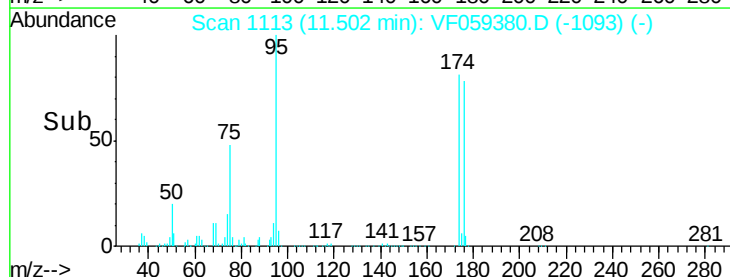
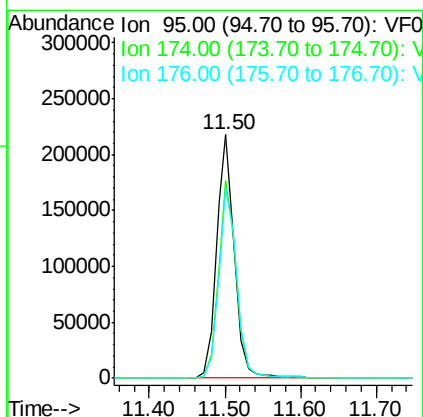
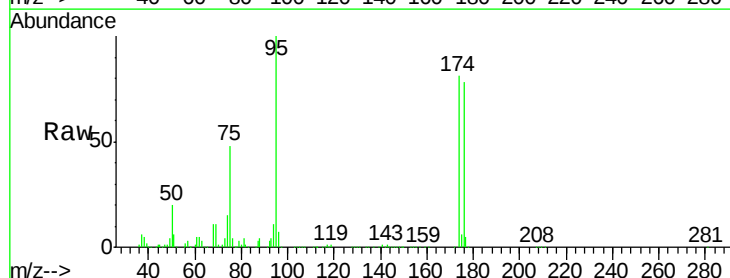
Tgt Ion: 95 Resp: 357945

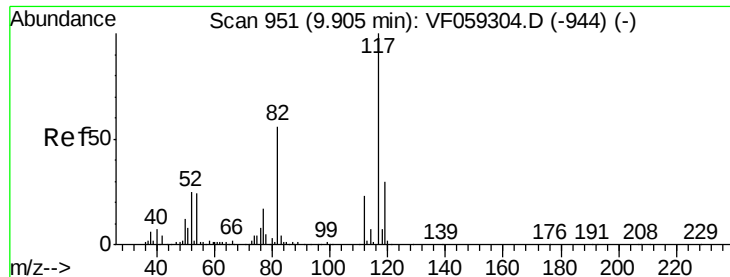
Ion Ratio Lower Upper

95 100

174 81.1 0.0 165.2

176 77.7 0.0 161.0

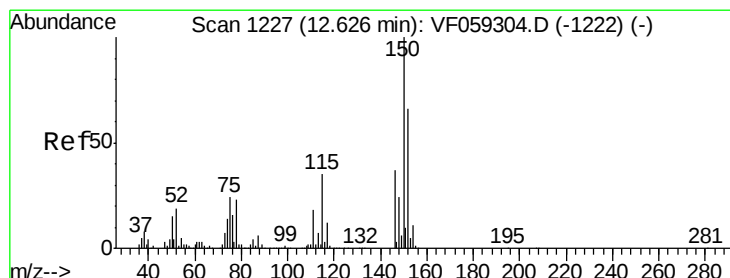
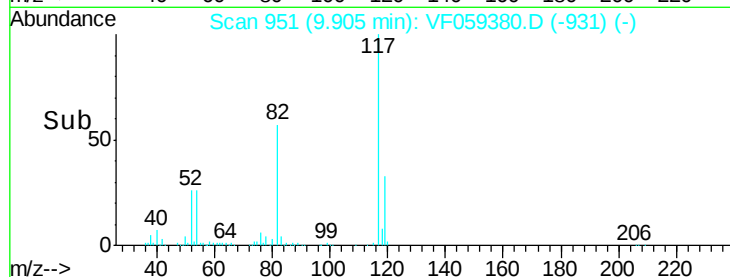
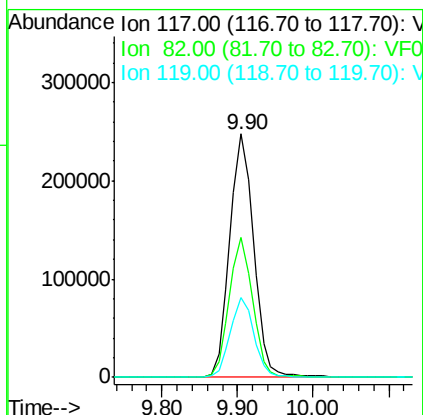
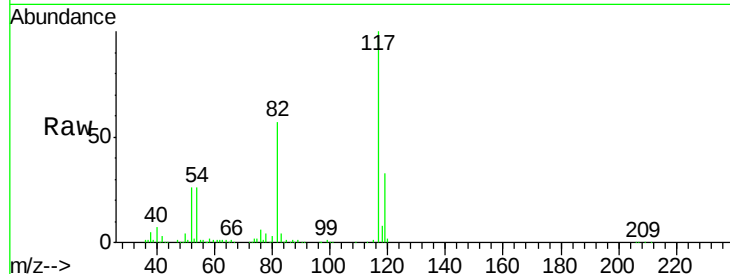




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059380.D
Acq: 29 Jun 2018 16:51

Instrument :
MSVOA_F
ClientSampleId :
SB-6(4-6)

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.6	66.8
119	32.8	24.1	36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059380.D
Acq: 29 Jun 2018 16:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	27.1	81.3
150	152.4	0.0	305.2

