

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF050919\
 Data File : VF062394.D
 Acq On : 9 May 2019 14:23
 Operator : FY/SY
 Sample : VF0509SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0509SBL01

Quant Time: May 10 02:19:49 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	351034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	435251	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	395913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	270735	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	178672	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
35) Dibromofluoromethane	4.29	113	197959	57.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.18%	
50) Toluene-d8	7.70	98	438584	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	11.48	95	218834	57.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.58%	

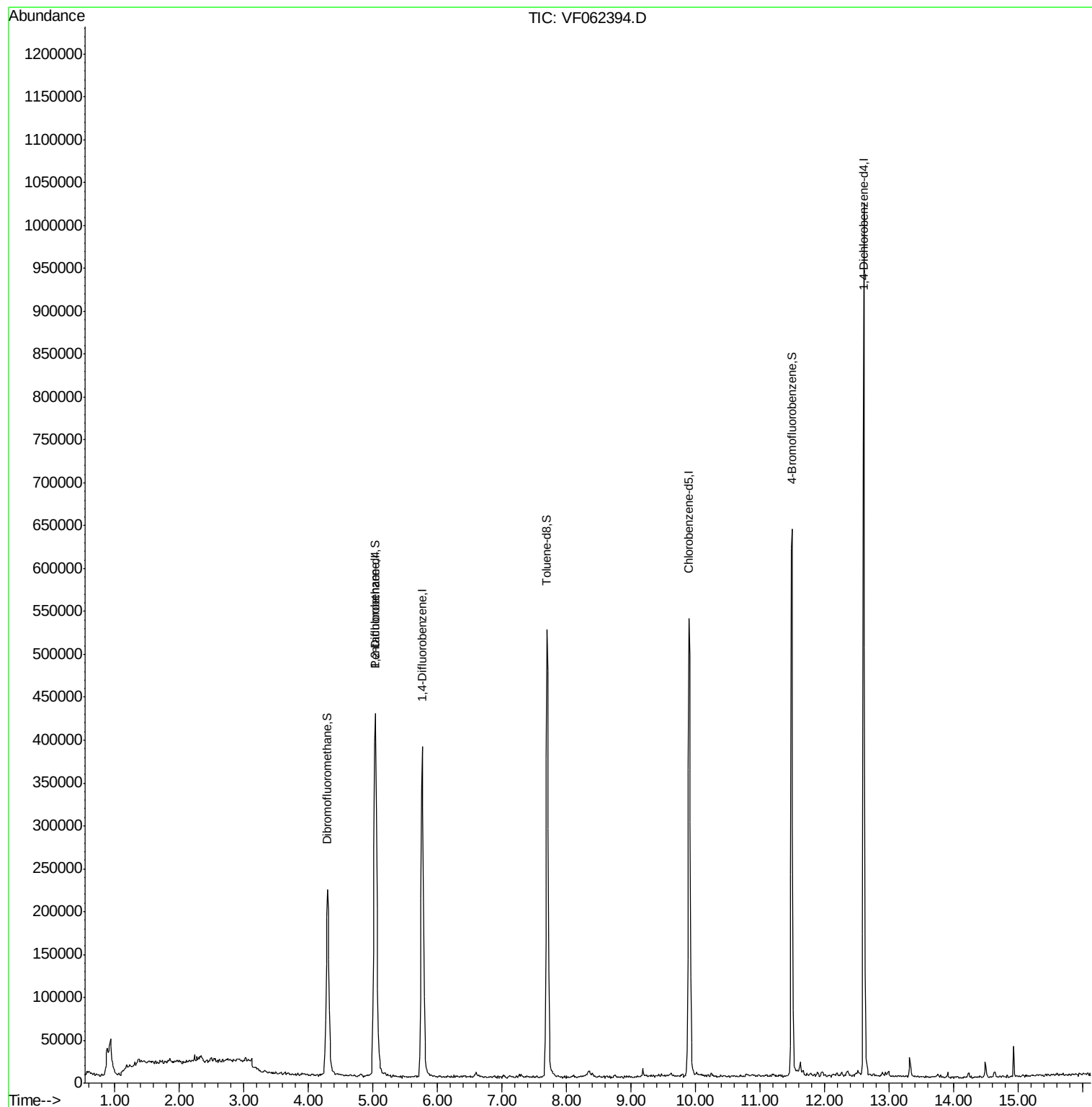
Target Compounds	Qvalue

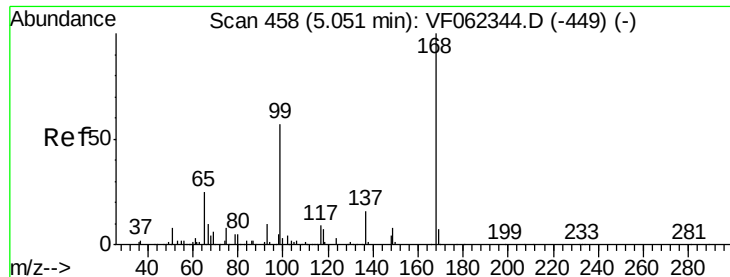
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF062394.D

Acq: 9 May 2019 14:23

Instrument :

MSVOA_F

ClientSampleId :

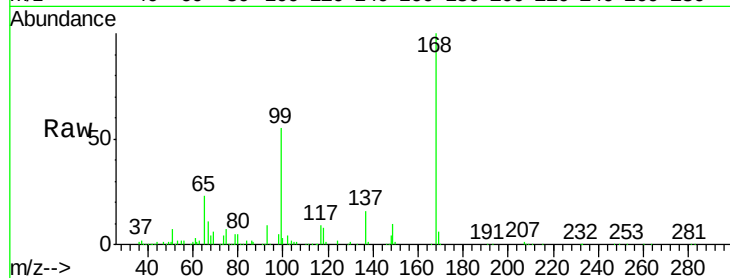
VF0509SBL01

Tot Ion:168 Resp: 351034

Ion Ratio Lower Upper

168 100

99 55.5 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

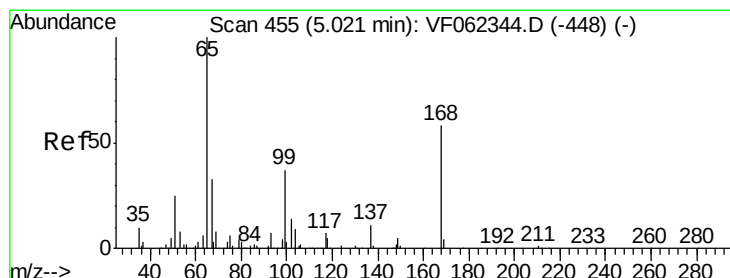
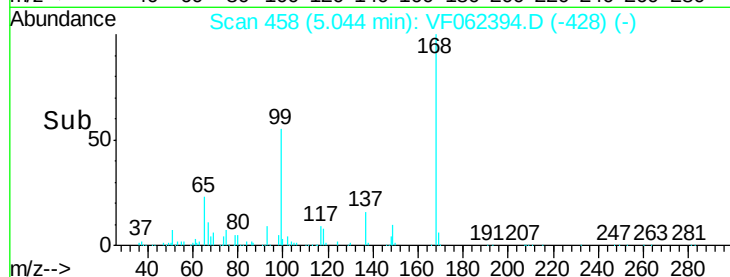
5.04

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.859 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF062394.D

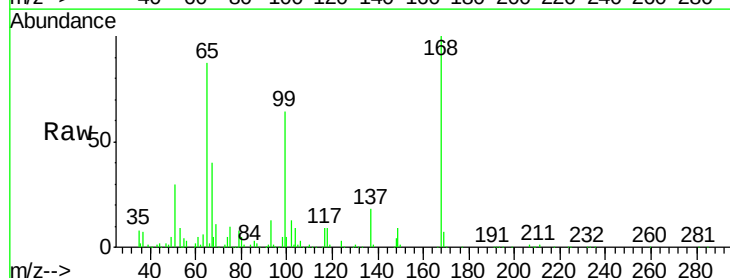
Acq: 9 May 2019 14:23

Tgt Ion: 65 Resp: 178672

Ion Ratio Lower Upper

65 100

67 45.5 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.02

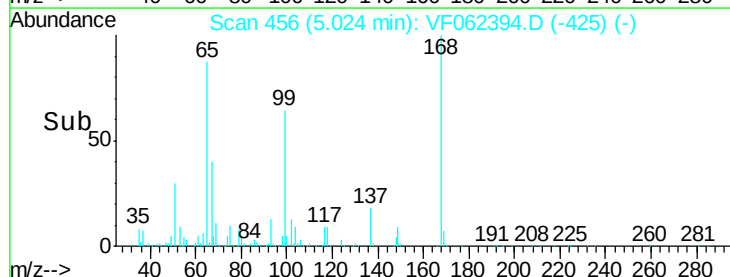
60000

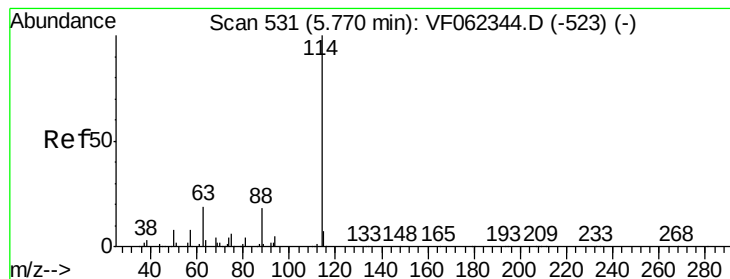
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF062394.D

Acq: 9 May 2019 14:23

Instrument :

MSVOA_F

ClientSampleId :

VF0509SBL01

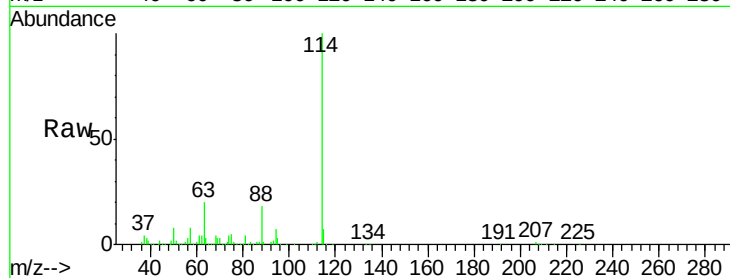
Tot Ion:114 Resp: 435251

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

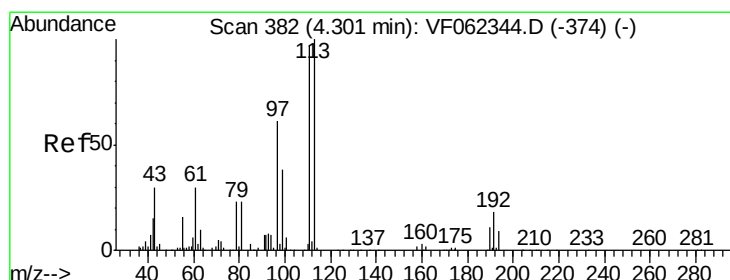
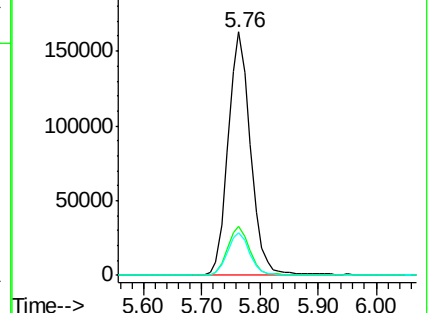
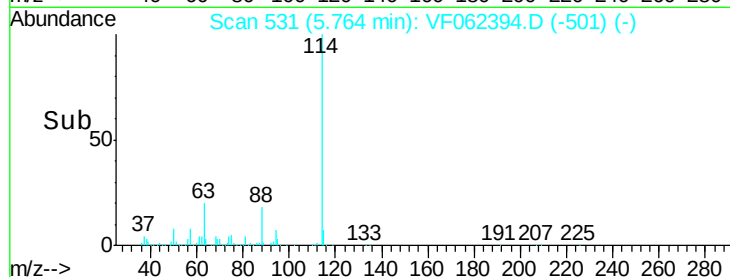
88 17.5 0.0 36.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 57.089 ug/l

RT: 4.29 min Scan# 382

Delta R.T. -0.01 min

Lab File: VF062394.D

Acq: 9 May 2019 14:23

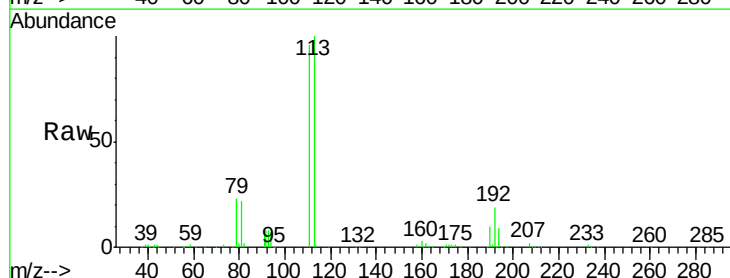
Tgt Ion:113 Resp: 197959

Ion Ratio Lower Upper

113 100

111 99.9 79.4 119.0

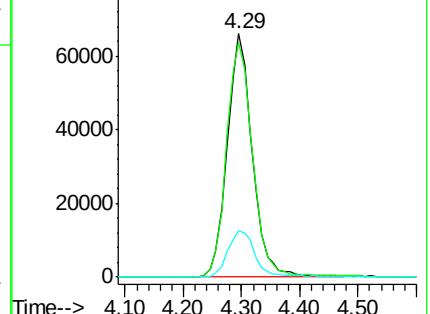
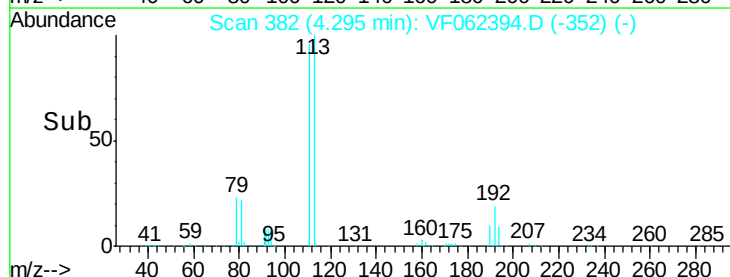
192 20.1 16.0 24.0

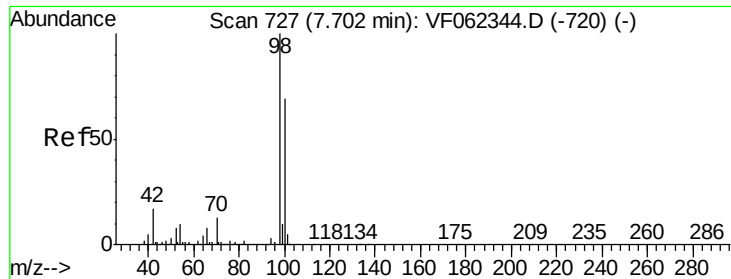


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

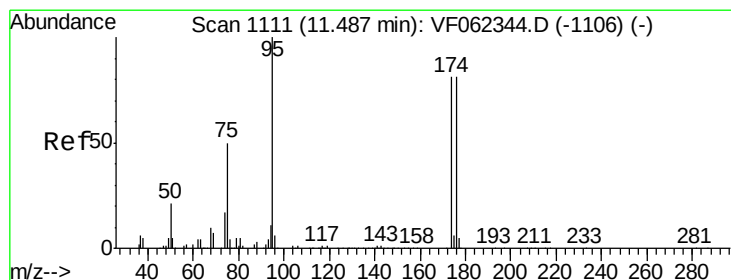
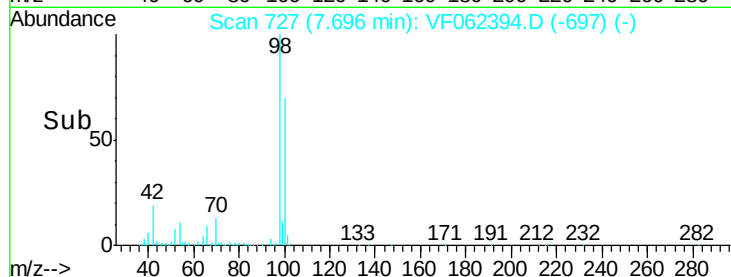
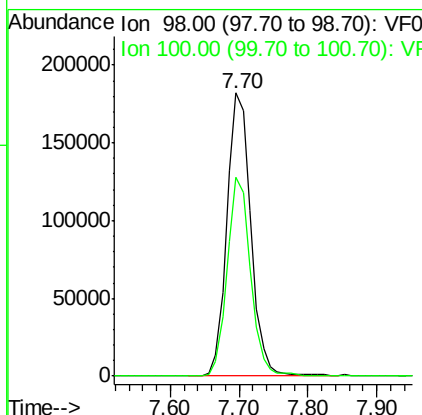
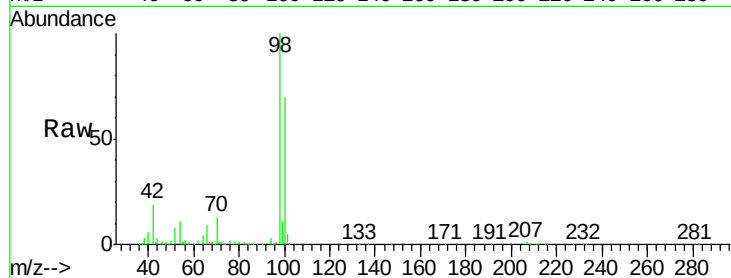




#50
Toluene-d8
Concen: 52.251 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF062394.D
Acq: 9 May 2019 14:23

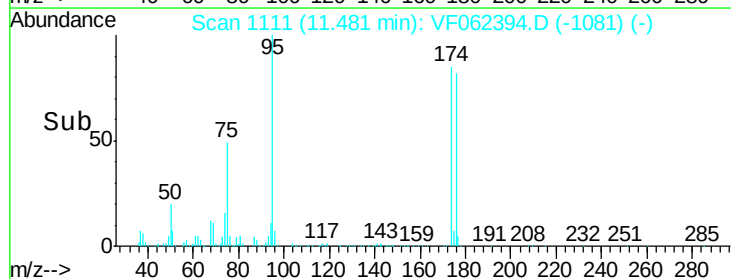
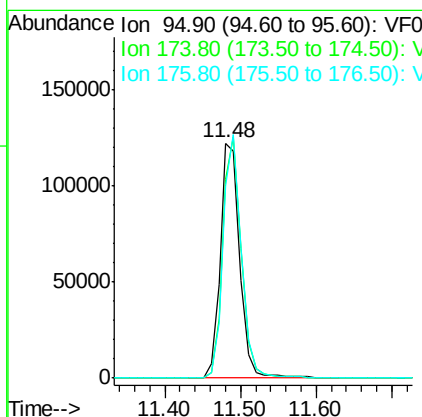
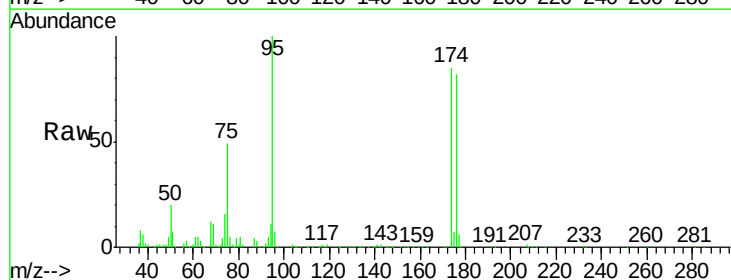
Instrument :
MSVOA_F
ClientSampleId :
VF0509SBL01

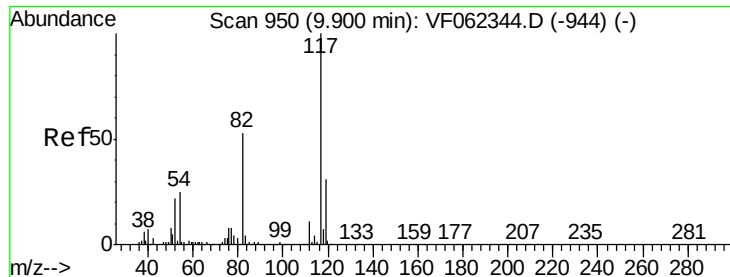
Tot Ion: 98 Resp: 438584
Ion Ratio Lower Upper
98 100
100 68.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 57.786 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VF062394.D
Acq: 9 May 2019 14:23

Tgt Ion: 95 Resp: 218834
Ion Ratio Lower Upper
95 100
174 98.3 0.0 191.8
176 97.0 0.0 193.2

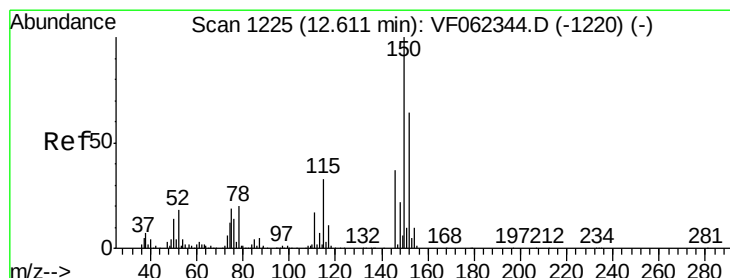
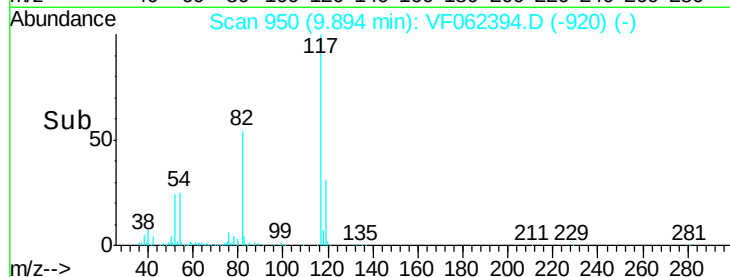
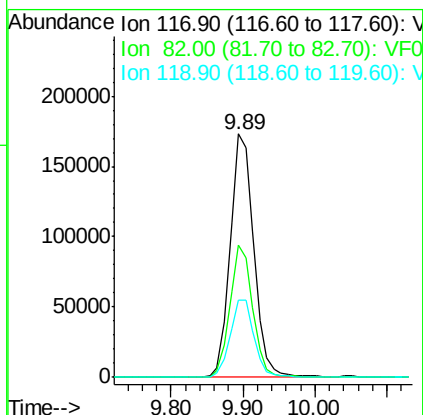
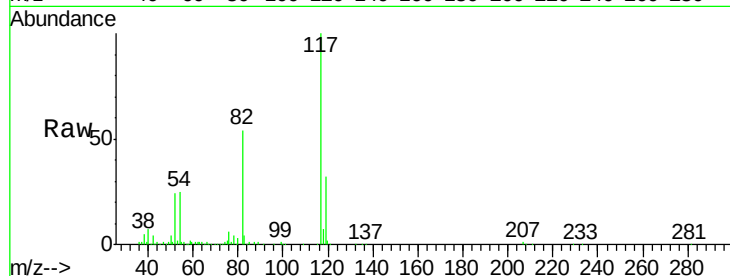




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF062394.D
Acq: 9 May 2019 14:23

Instrument :
MSVOA_F
ClientSampleId :
VF0509SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	42.2	63.2
119	31.5	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062394.D
Acq: 9 May 2019 14:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.8	26.4	79.2
150	151.9	0.0	335.0

