

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122118\
 Data File : VF061119.D
 Acq On : 21 Dec 2018 11:48
 Operator : VA/AP
 Sample : VF1221SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1221SBL01

Quant Time: Dec 21 14:31:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	208754	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.63	114	377643	50.00	ug/l	0.04
63) Chlorobenzene-d5	9.80	117	326660	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.58	152	180352	50.00	ug/l	0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.88	65	142164	52.95	ug/l	0.04
Spiked Amount	50.000		Recovery	=	105.90%	
35) Dibromofluoromethane	4.15	113	167358	55.32	ug/l	0.04
Spiked Amount	50.000		Recovery	=	110.64%	
50) Toluene-d8	7.58	98	433713	50.59	ug/l	0.03
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.43	95	213088	53.92	ug/l	0.02
Spiked Amount	50.000		Recovery	=	107.84%	

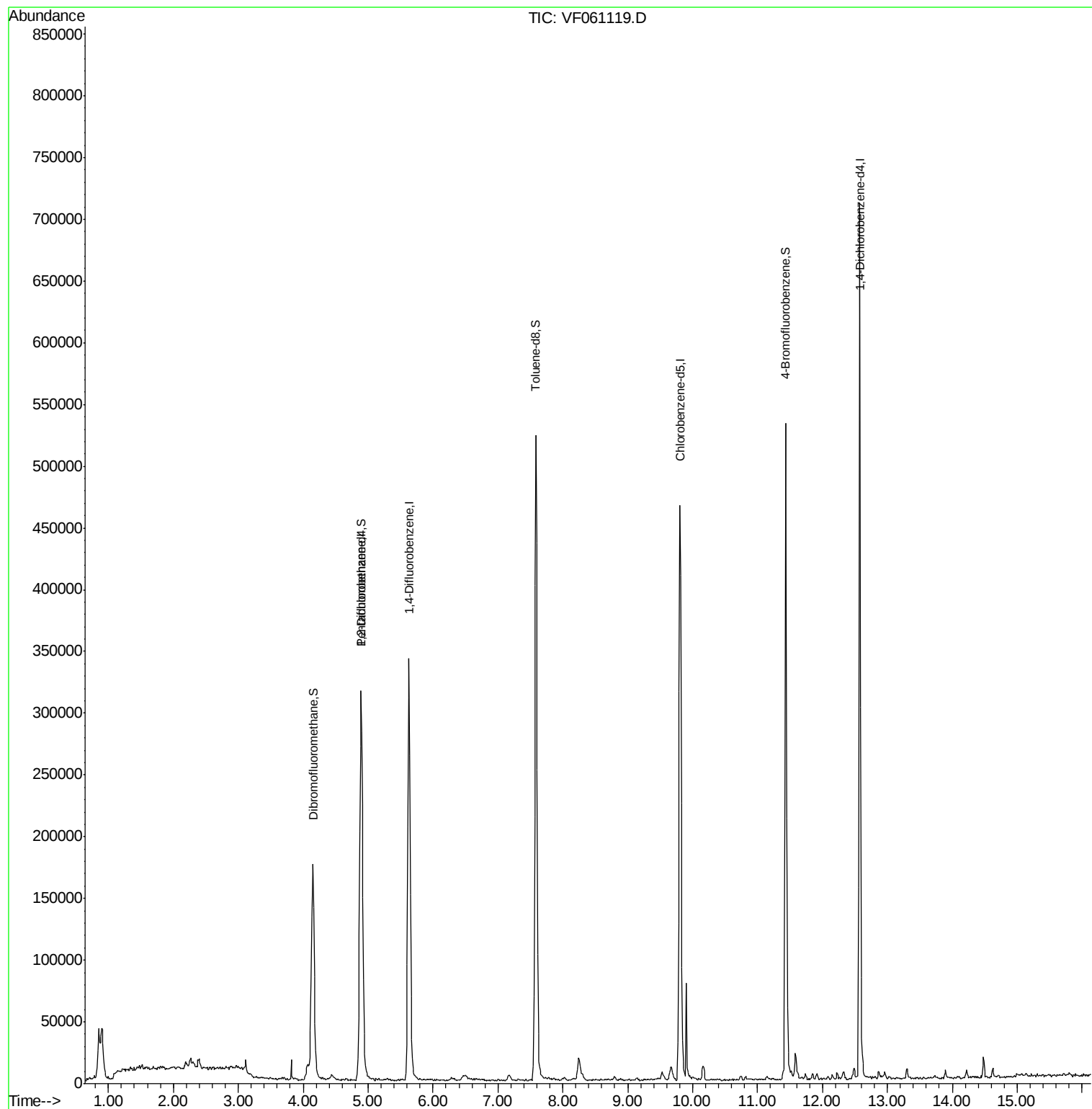
Target Compounds	Qvalue

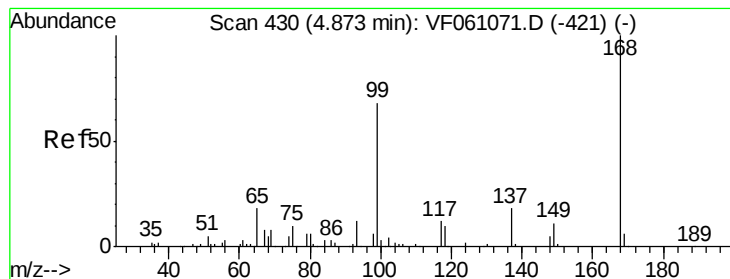
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.90 min Scan# 433

Delta R.T. 0.03 min

Lab File: VF061119.D

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Instrument :

MSVOA_F

ClientSampleId :

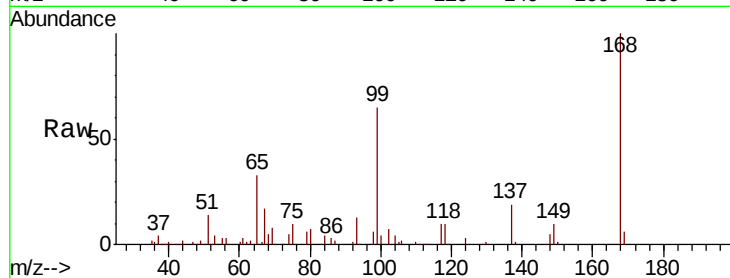
VF1221SBL01

Tgt Ion: 168 Resp: 208754

Ion Ratio Lower Upper

168 100

99 65.4 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.90

60000

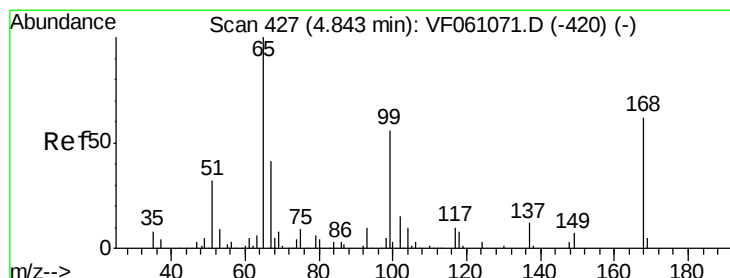
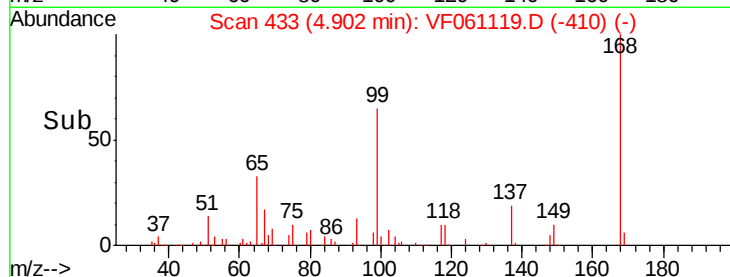
40000

20000

0

Time-->

4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 52.949 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.04 min

Lab File: VF061119.D

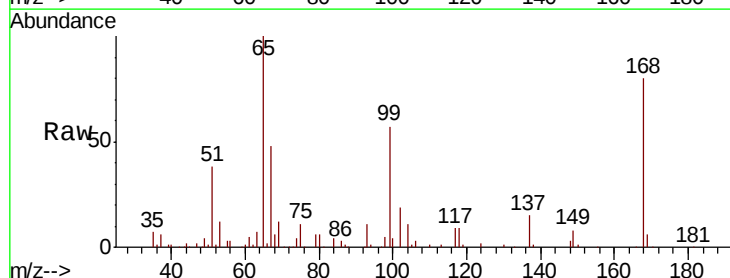
Acq: 21 Dec 2018 11:48

Tgt Ion: 65 Resp: 142164

Ion Ratio Lower Upper

65 100

67 47.7 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.88

50000

40000

30000

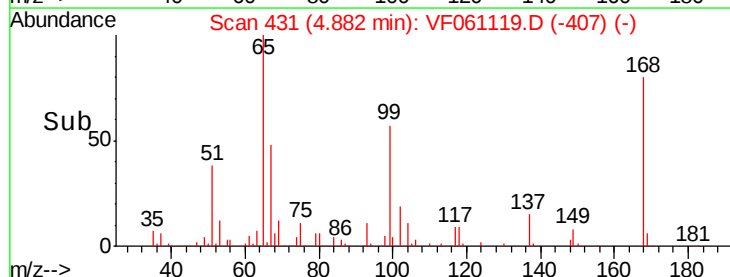
20000

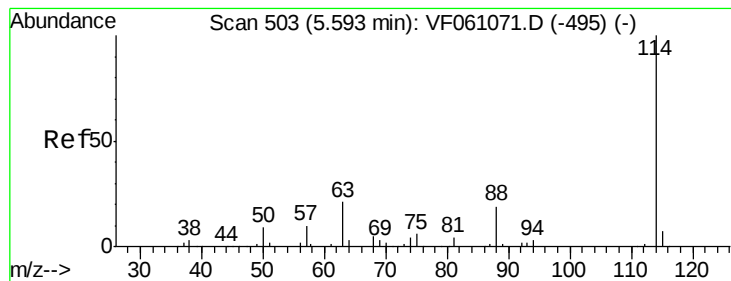
10000

0

Time-->

4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 507

Delta R.T. 0.04 min

Lab File: VF061119.D

Acq: 21 Dec 2018 11:48

Instrument :

MSVOA_F

ClientSampleId :

VF1221SBL01

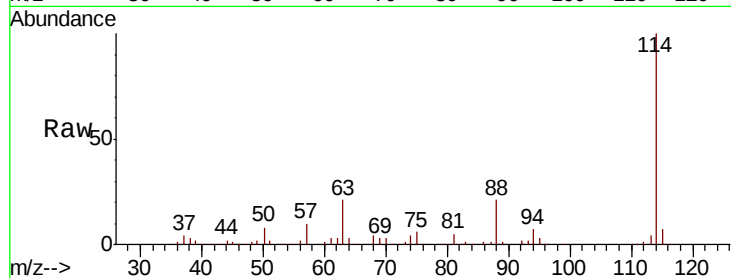
Tgt Ion:114 Resp: 377643

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.6

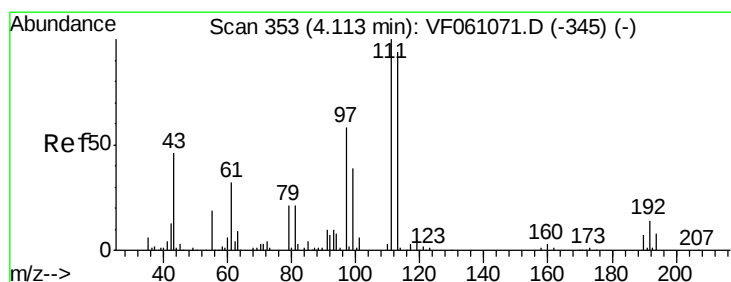
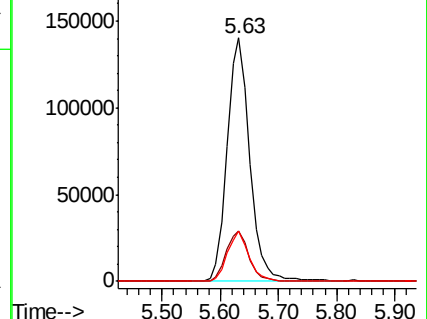
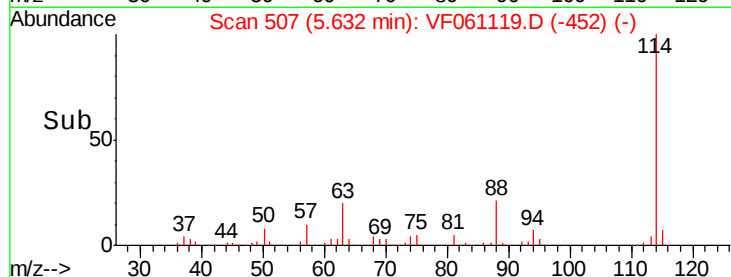
88 20.5 0.0 38.0



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: 55.322 ug/l

RT: 4.15 min Scan# 357

Delta R.T. 0.04 min

Lab File: VF061119.D

Acq: 21 Dec 2018 11:48

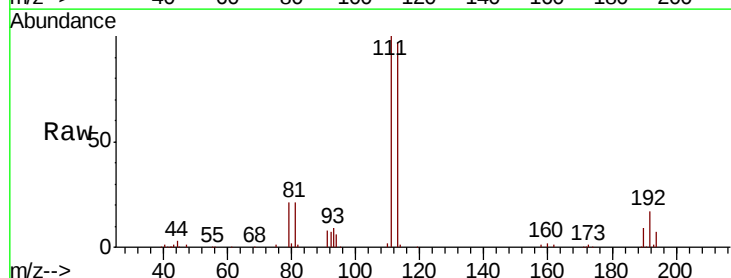
Tgt Ion:113 Resp: 167358

Ion Ratio Lower Upper

113 100

111 103.2 85.2 127.8

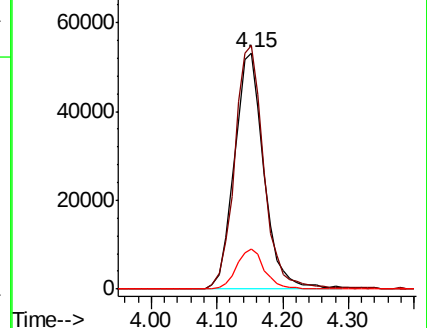
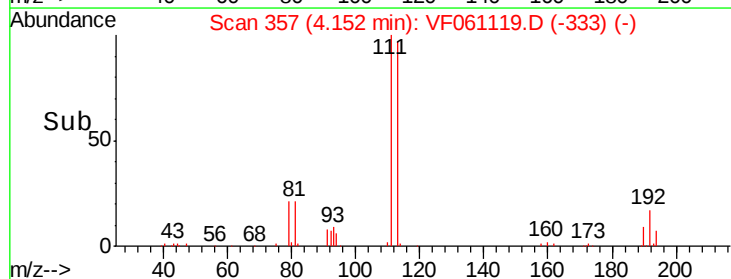
192 17.2 12.8 19.2

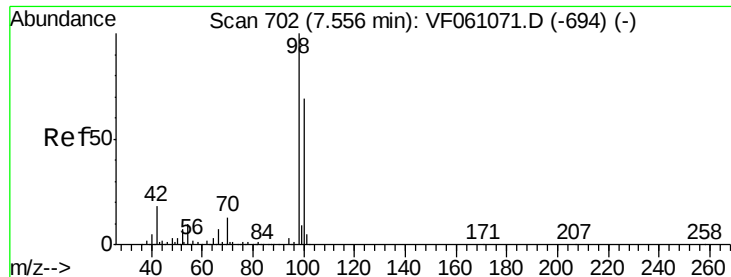


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

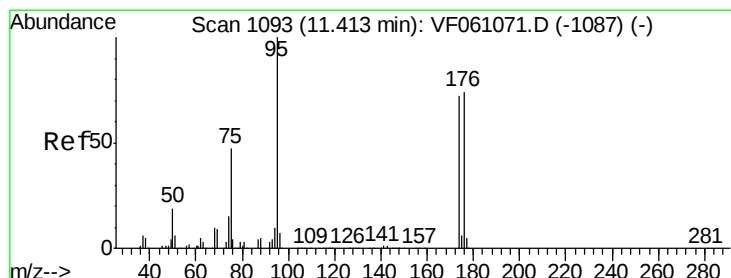
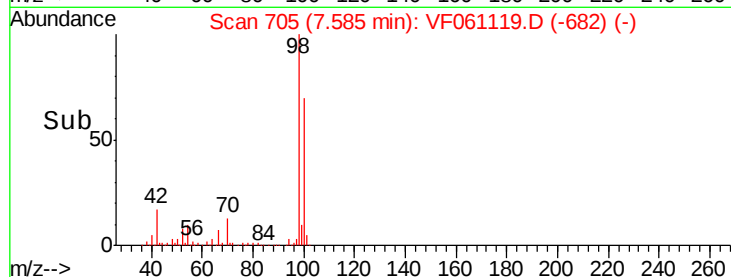
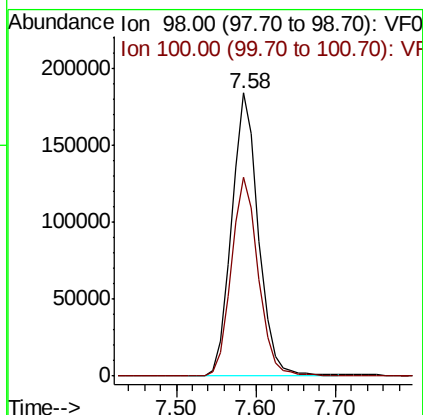
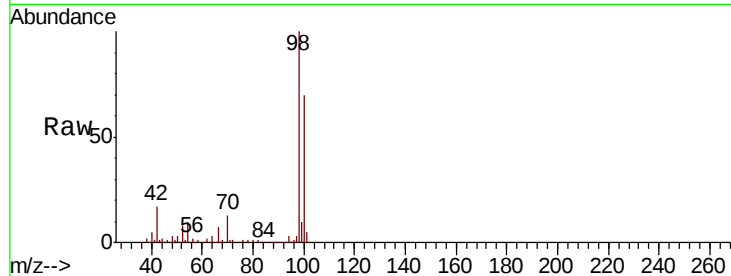




#50
Toluene-d8
Concen: 50.591 ug/l
RT: 7.58 min Scan# 705
Delta R.T. 0.03 min
Lab File: VF061119.D
Acq: 21 Dec 2018 11:48

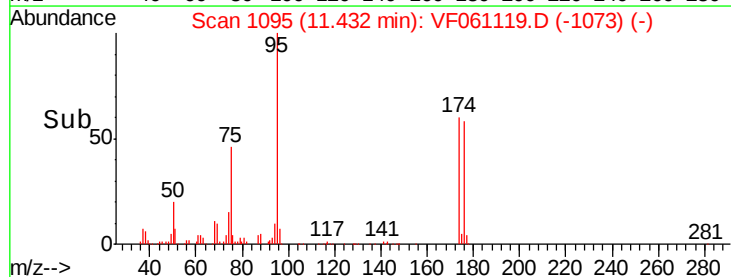
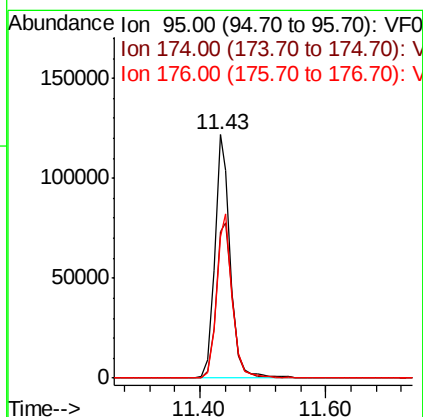
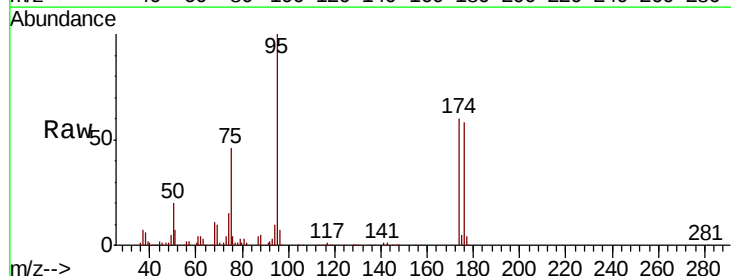
Instrument :
MSVOA_F
ClientSampleId :
VF1221SBL01

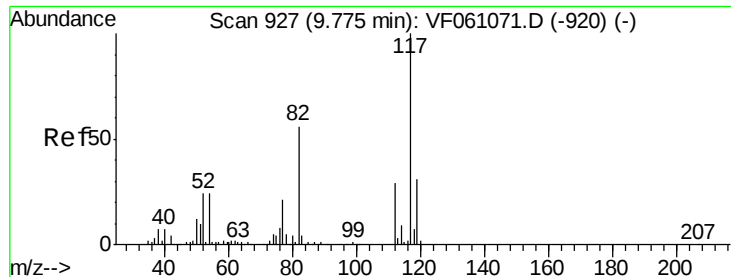
Tgt Ion: 98 Resp: 433713
Ion Ratio Lower Upper
98 100
100 70.3 55.3 82.9



#62
4-Bromofluorobenzene
Concen: 53.916 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. 0.02 min
Lab File: VF061119.D
Acq: 21 Dec 2018 11:48

Tgt Ion: 95 Resp: 213088
Ion Ratio Lower Upper
95 100
174 60.1 0.0 143.8
176 58.2 0.0 147.6

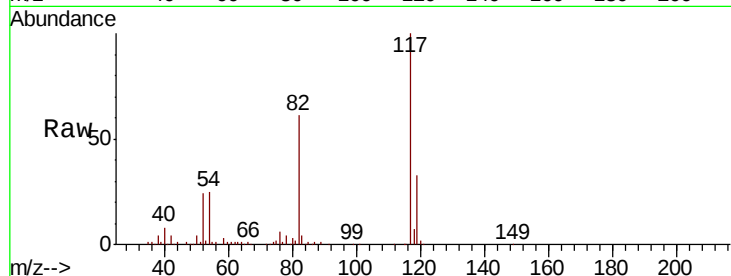




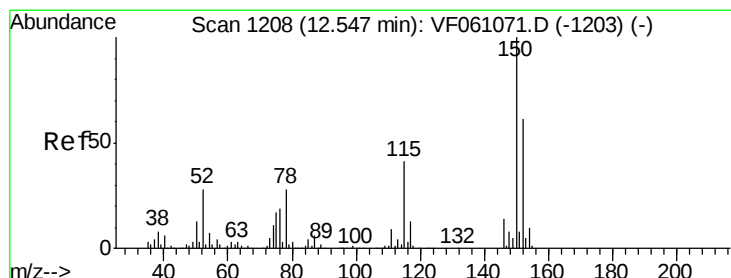
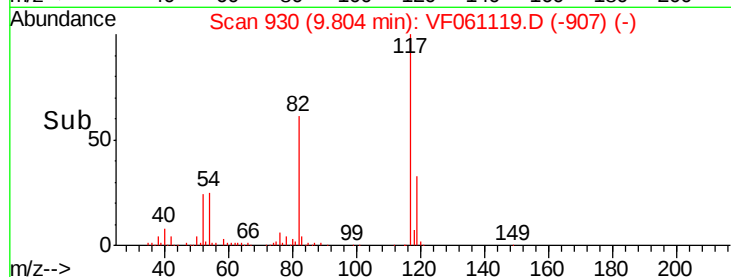
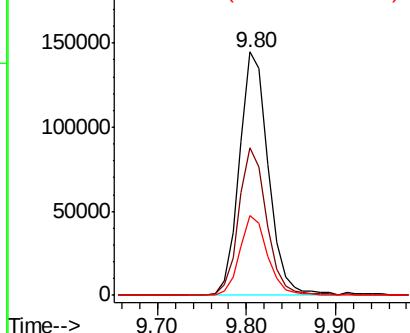
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 930
Delta R.T. 0.03 min
Lab File: VF061119.D
Acq: 21 Dec 2018 11:48

Instrument :
MSVOA_F
ClientSampleId :
VF1221SBL01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.7	45.0	67.4
119	33.0	24.8	37.2

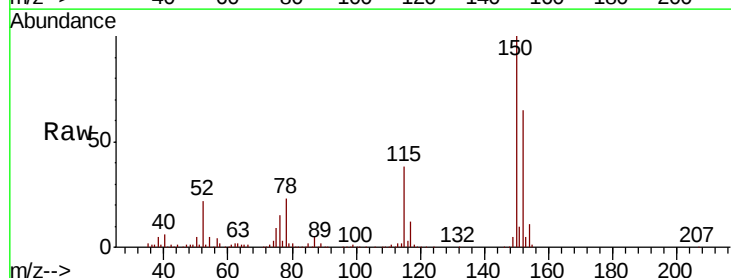


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.58 min Scan# 1211
Delta R.T. 0.03 min
Lab File: VF061119.D
Acq: 21 Dec 2018 11:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	33.3	99.9
150	153.1	0.0	328.2



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

