

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
 Data File : VF060969.D
 Acq On : 10 Dec 2018 22:40
 Operator : VA/AP
 Sample : J6214-50
 Misc : 4.60g/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-7(12.5-14.5)

Quant Time: Dec 11 06:44:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	203701	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.59	114	342518	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	267486	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	141956	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	109233	45.52	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	91.04%	
35) Dibromofluoromethane	4.11	113	120745	44.44	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	88.88%	
50) Toluene-d8	7.55	98	233024	29.11	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	58.22%	
62) 4-Bromofluorobenzene	11.41	95	131727	36.21	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	72.42%	

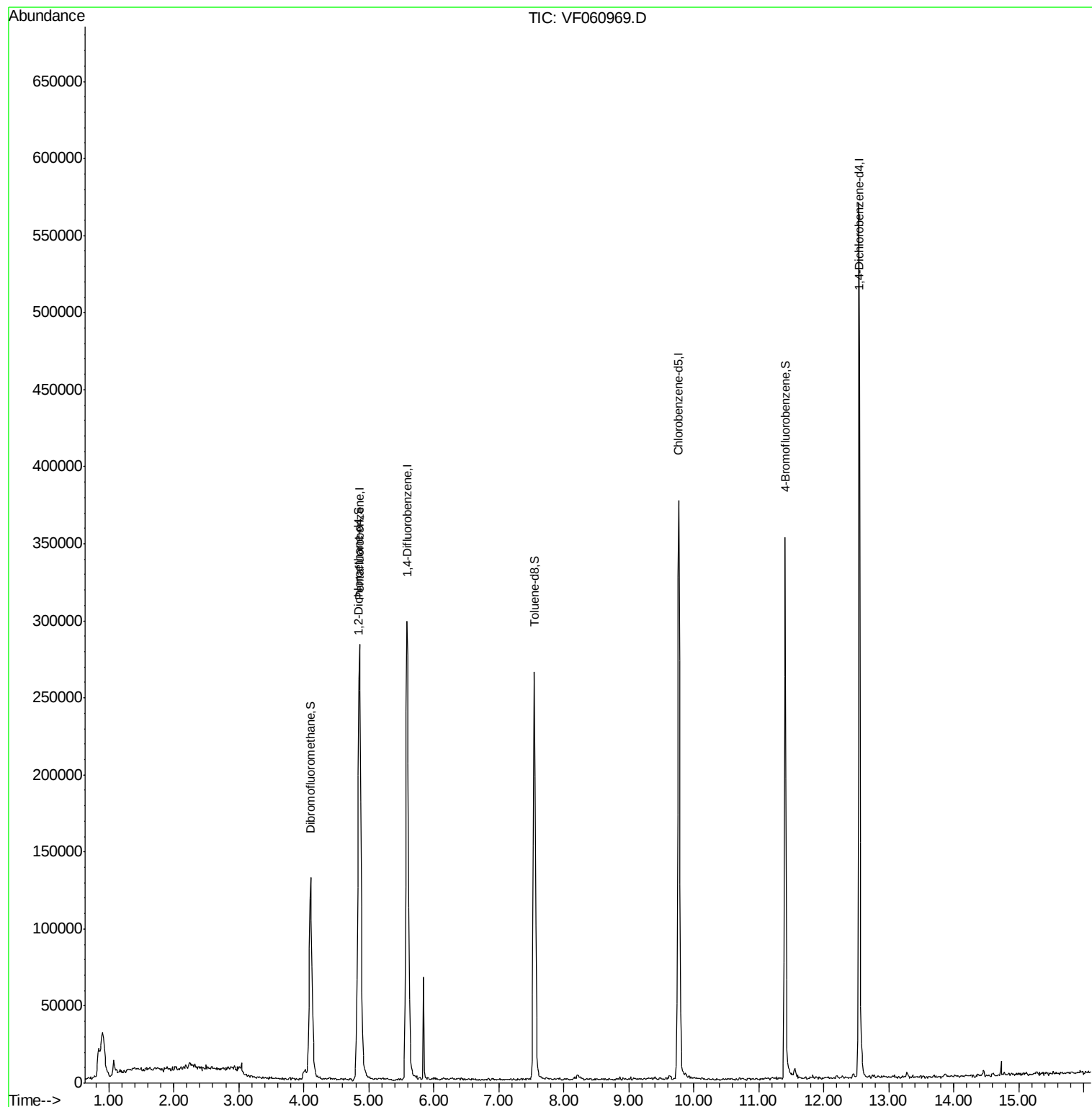
Target Compounds	Qvalue

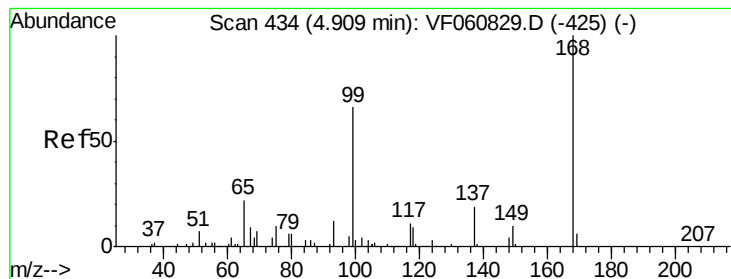
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
Data File : VF060969.D
Acq On : 10 Dec 2018 22:40
Operator : VA/AP
Sample : J6214-50
Misc : 4.60g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-7(12.5-14.5)

Quant Time: Dec 11 06:44:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.04 min

Lab File: VF060969.D

Acq: 10 Dec 2018 22:40

Instrument :

MSVOA_F

ClientSampleId :

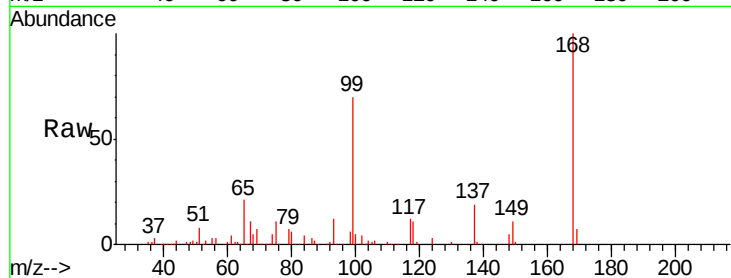
SB-7(12.5-14.5)

Tgt Ion:168 Resp: 203701

Ion Ratio Lower Upper

168 100

99 69.8 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

60000

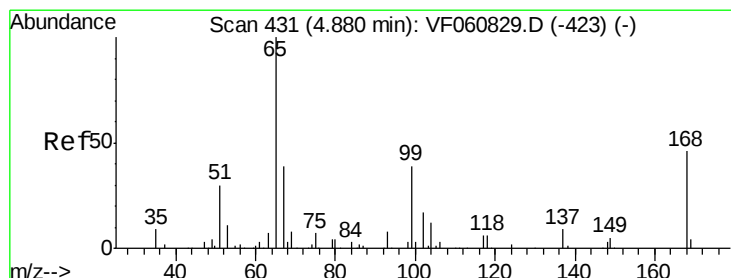
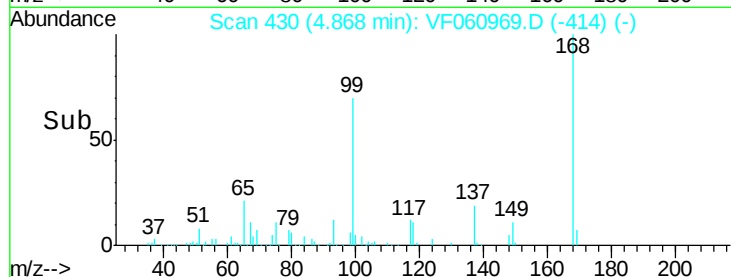
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 45.520 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF060969.D

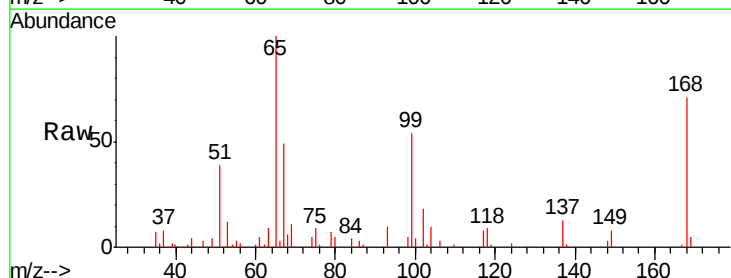
Acq: 10 Dec 2018 22:40

Tgt Ion: 65 Resp: 109233

Ion Ratio Lower Upper

65 100

67 48.5 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

40000

30000

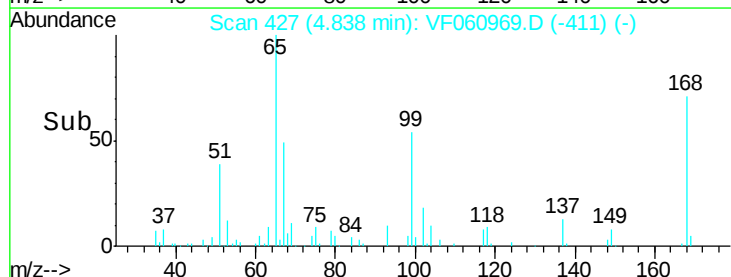
20000

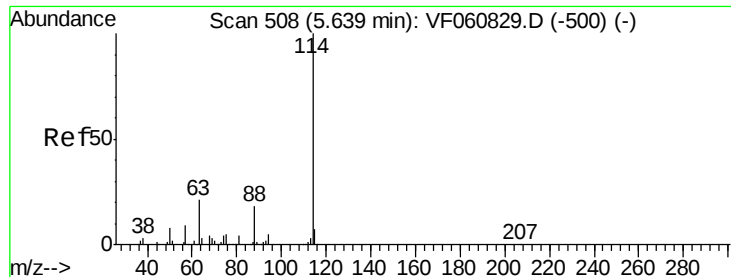
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.05 min

Lab File: VF060969.D

Acq: 10 Dec 2018 22:40

Instrument :

MSVOA_F

ClientSampleId :

SB-7(12.5-14.5)

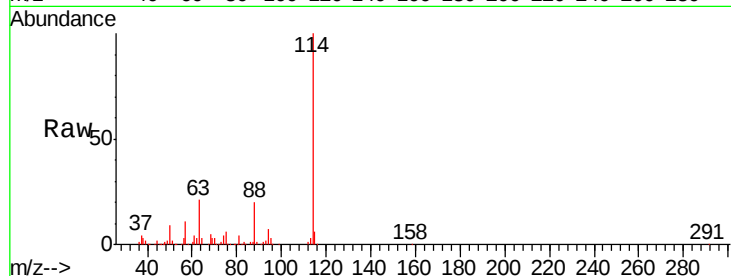
Tgt Ion:114 Resp: 342518

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.6

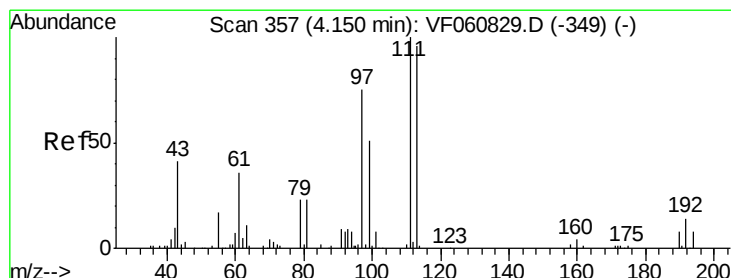
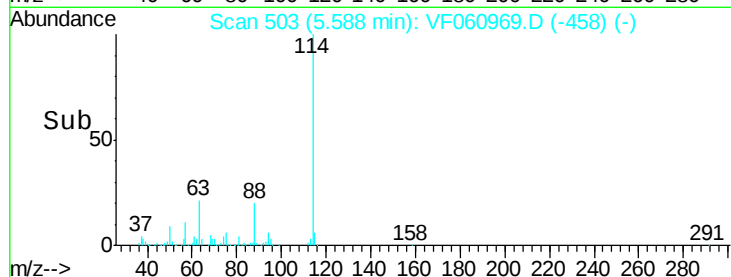
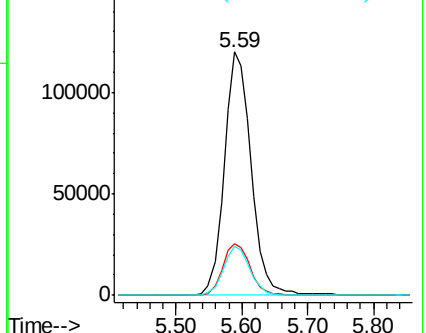
88 20.0 0.0 36.6



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: 44.436 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.04 min

Lab File: VF060969.D

Acq: 10 Dec 2018 22:40

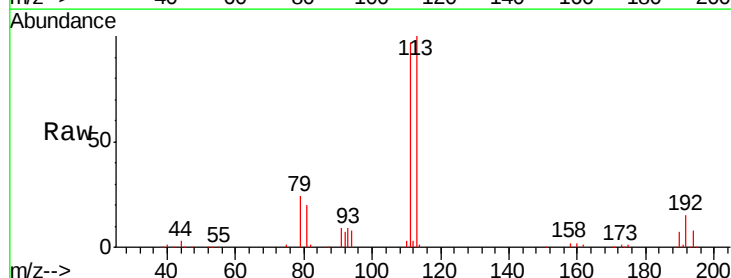
Tgt Ion:113 Resp: 120745

Ion Ratio Lower Upper

113 100

111 97.0 83.0 124.6

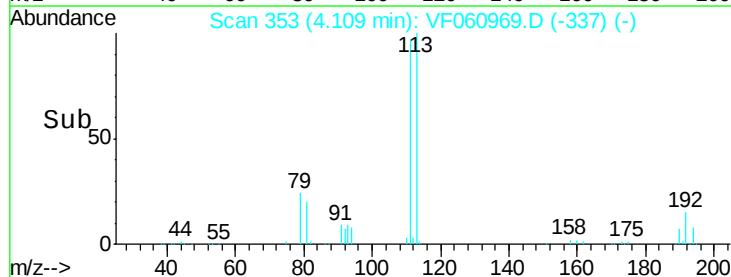
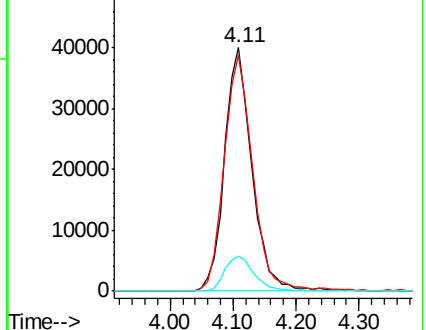
192 14.6 12.3 18.5

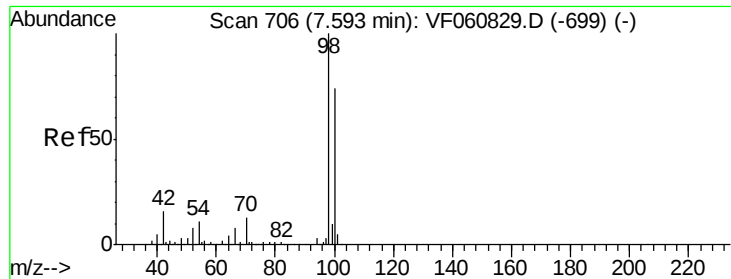


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

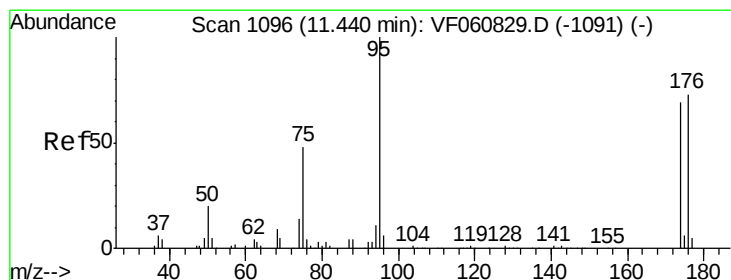
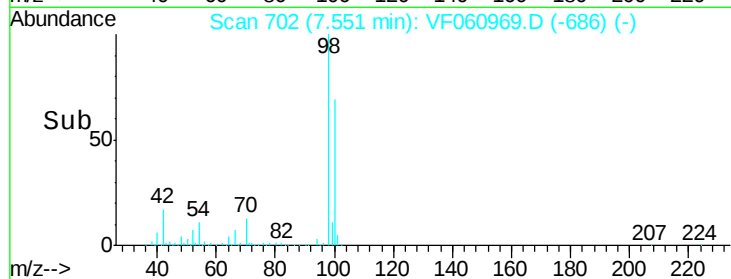
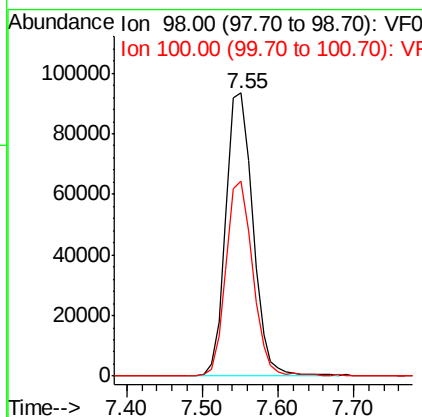
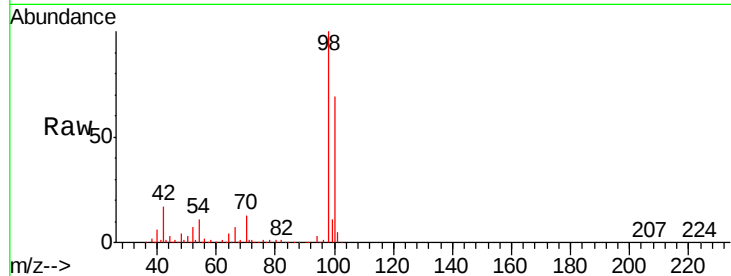




#50
Toluene-d8
Concen: 29.112 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060969.D
Acq: 10 Dec 2018 22:40

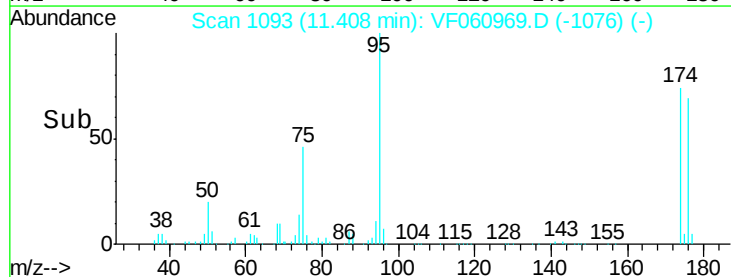
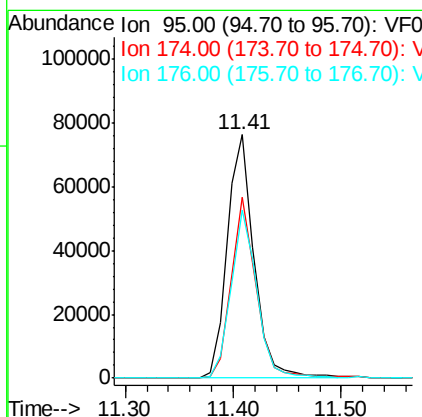
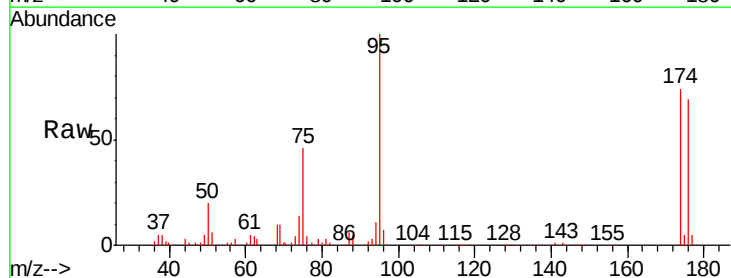
Instrument :
MSVOA_F
ClientSampleId :
SB-7(12.5-14.5)

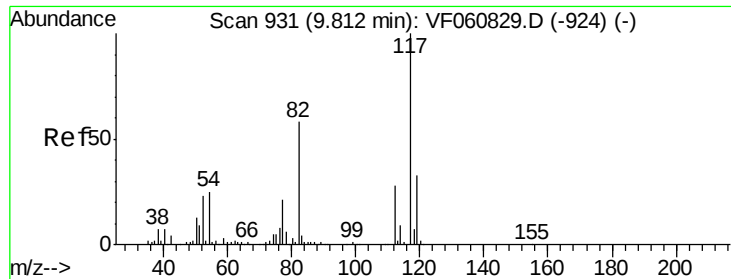
Tgt Ion: 98 Resp: 233024
Ion Ratio Lower Upper
98 100
100 68.8 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 36.210 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060969.D
Acq: 10 Dec 2018 22:40

Tgt Ion: 95 Resp: 131727
Ion Ratio Lower Upper
95 100
174 74.1 0.0 138.2
176 69.1 0.0 146.2

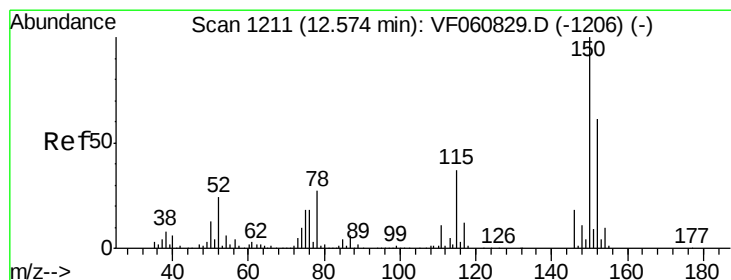
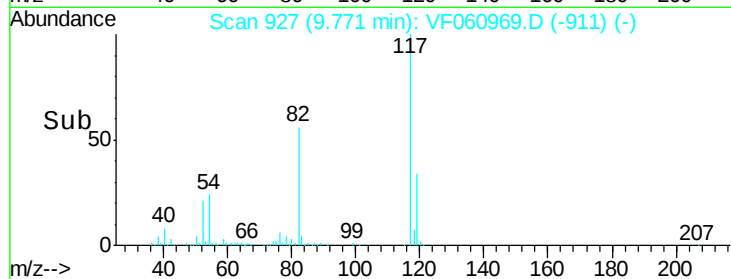
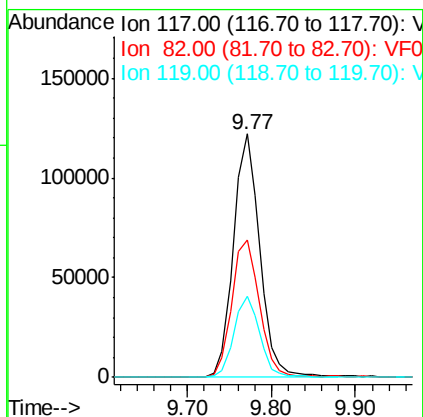
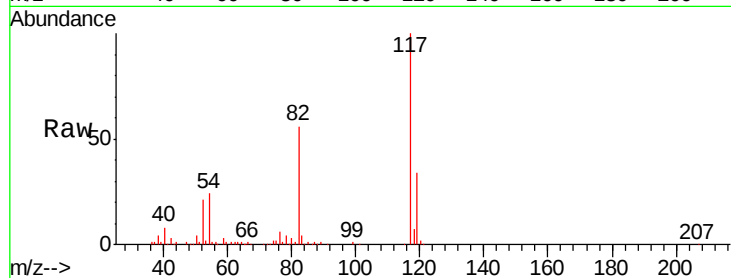




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060969.D
Acq: 10 Dec 2018 22:40

Instrument :
MSVOA_F
ClientSampleId :
SB-7(12.5-14.5)

Tgt Ion:117 Resp: 267486
Ion Ratio Lower Upper
117 100
82 56.2 46.6 69.8
119 33.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060969.D
Acq: 10 Dec 2018 22:40

Tgt Ion:152 Resp: 141956
Ion Ratio Lower Upper
152 100
115 64.9 30.1 90.5
150 158.2 0.0 327.6

