

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF022318\
 Data File : VF056651.D
 Acq On : 23 Feb 2018 12:45
 Operator : JC/SY
 Sample : VF0223SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0223SBL01

Quant Time: Feb 24 00:54:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F022018S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 21 08:56:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.79	168	467885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.51	114	734016	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.68	117	713156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.48	152	387635	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.75	65	290474	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
35) Dibromofluoromethane	4.02	113	275765	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	7.47	98	771248	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
62) 4-Bromofluorobenzene	11.34	95	378098	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	

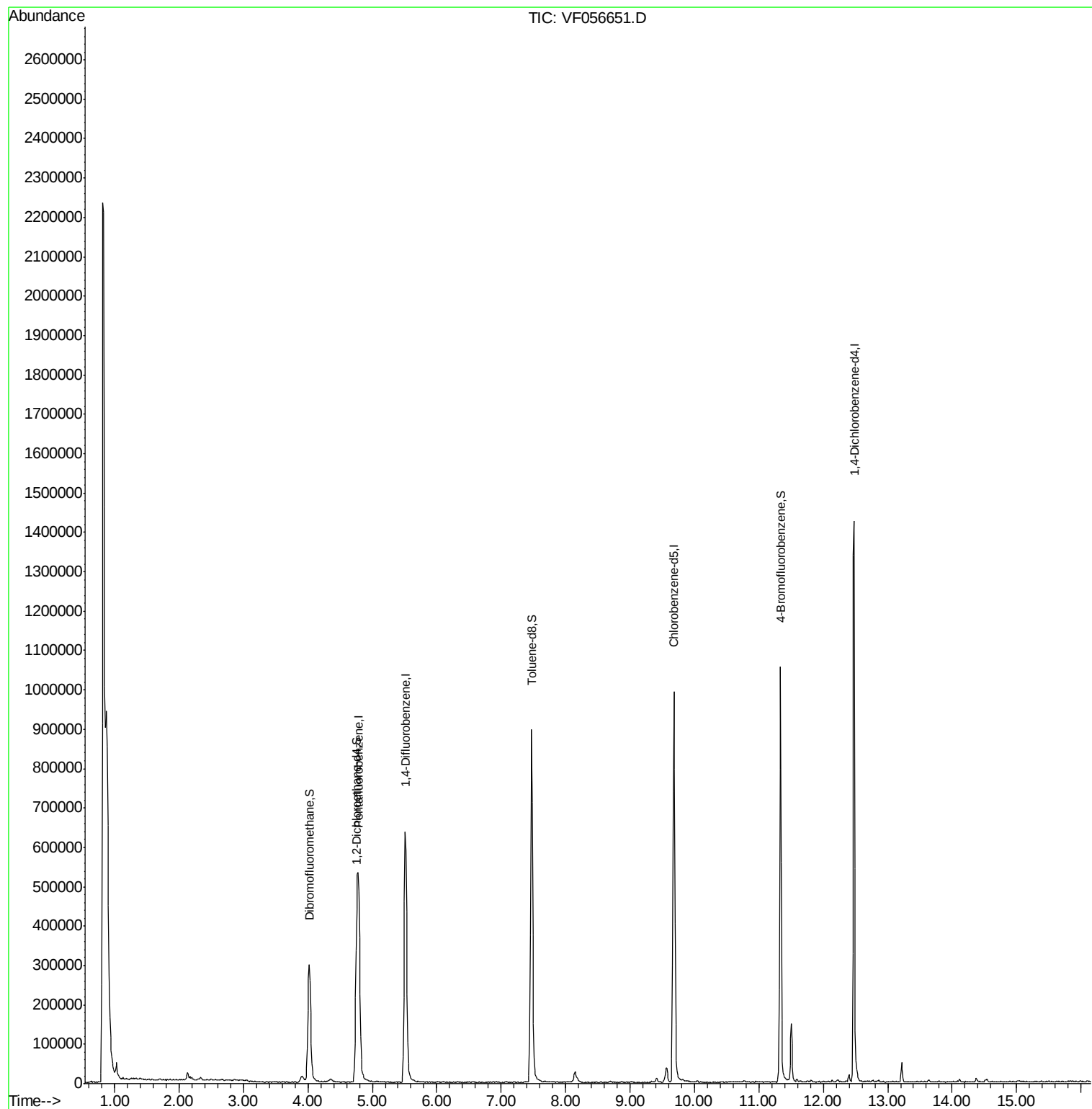
Target Compounds	Qvalue

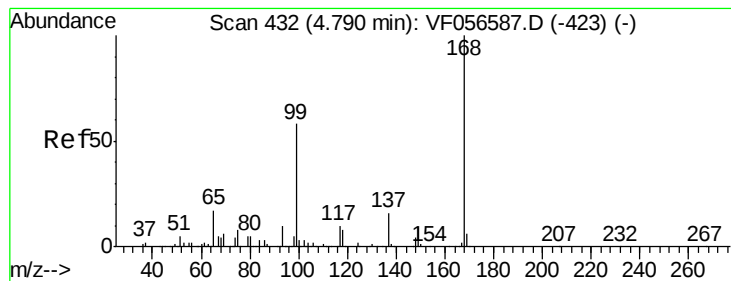
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF022318\
Data File : VF056651.D
Acq On : 23 Feb 2018 12:45
Operator : JC/SY
Sample : VF0223SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0223SBL01

Quant Time: Feb 24 00:54:41 2018
Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F022018S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 21 08:56:21 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.79 min Scan# 432

Delta R.T. -0.00 min

Lab File: VF056651.D

Acq: 23 Feb 2018 12:45

Instrument :

MSVOA_F

ClientSampleId :

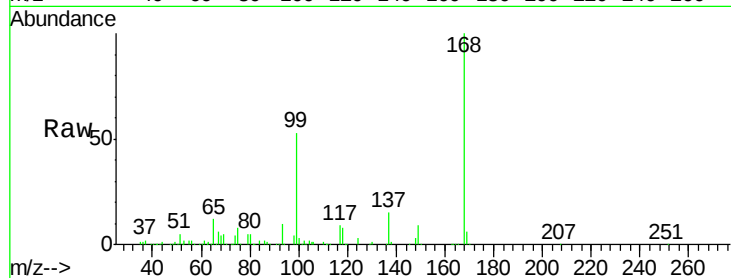
VF0223SBL01

Tgt Ion:168 Resp: 467885

Ion Ratio Lower Upper

168 100

99 53.3 46.2 69.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.79

150000

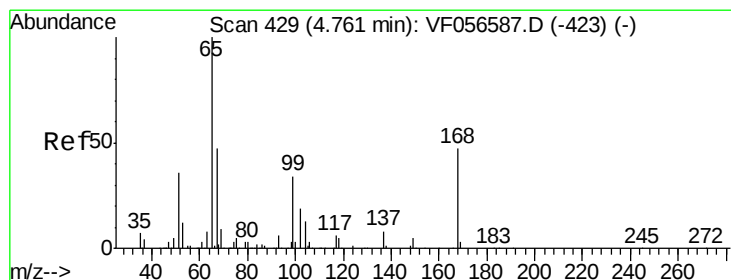
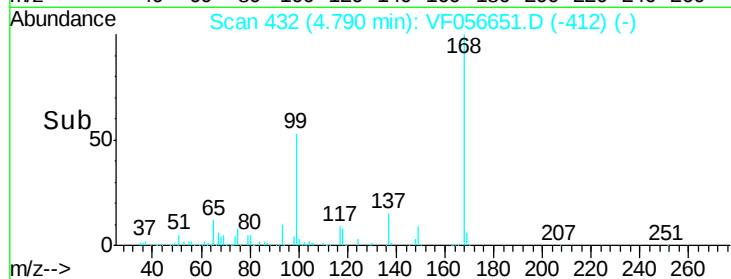
100000

50000

0

Time-->

4.60 4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 51.35 ug/l

RT: 4.75 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF056651.D

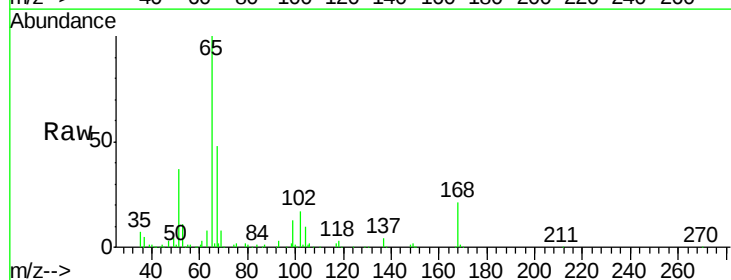
Acq: 23 Feb 2018 12:45

Tgt Ion: 65 Resp: 290474

Ion Ratio Lower Upper

65 100

67 48.4 0.0 103.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.75

100000

80000

60000

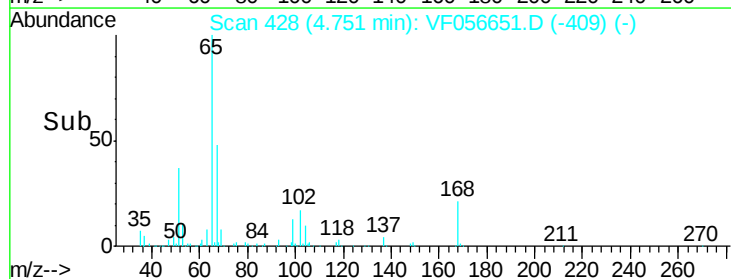
40000

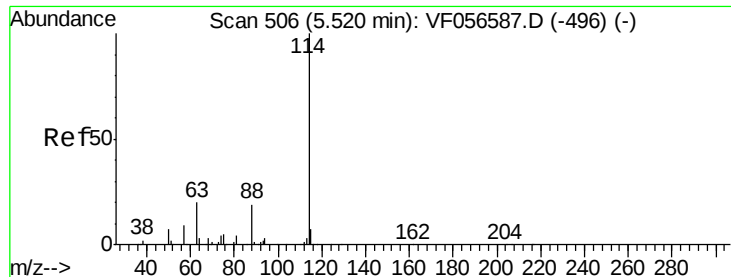
20000

0

Time-->

4.60 4.70 4.80 4.90





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.51 min Scan# 505

Delta R.T. -0.01 min

Lab File: VF056651.D

Acq: 23 Feb 2018 12:45

Instrument :

MSVOA_F

ClientSampleId :

VF0223SBL01

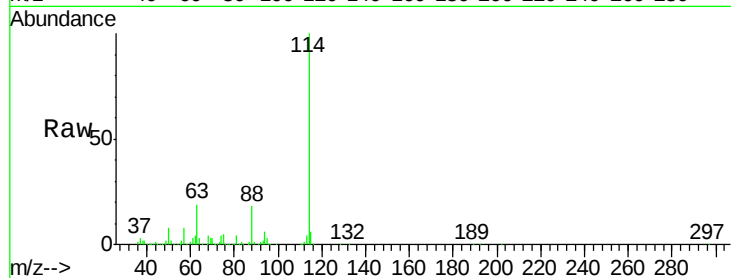
Tgt Ion:114 Resp: 734016

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.6

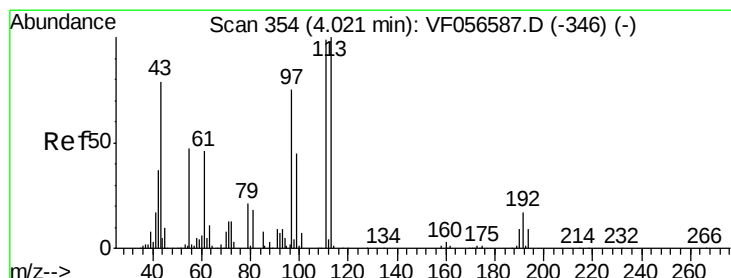
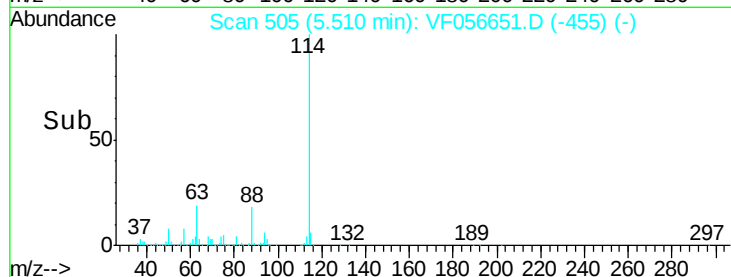
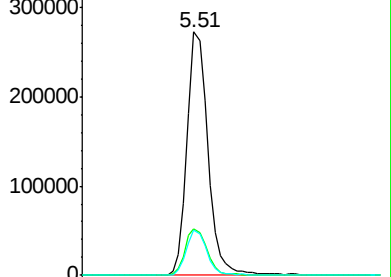
88 18.3 0.0 37.8



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: 49.95 ug/l

RT: 4.02 min Scan# 354

Delta R.T. -0.00 min

Lab File: VF056651.D

Acq: 23 Feb 2018 12:45

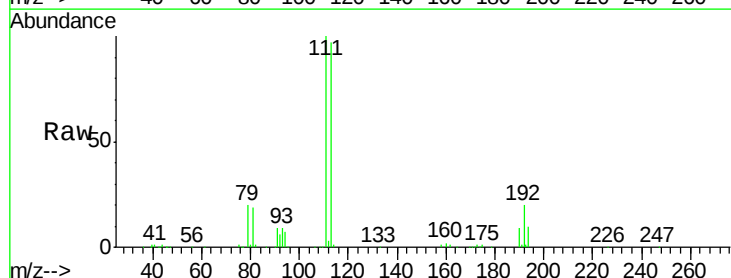
Tgt Ion:113 Resp: 275765

Ion Ratio Lower Upper

113 100

111 102.8 79.1 118.7

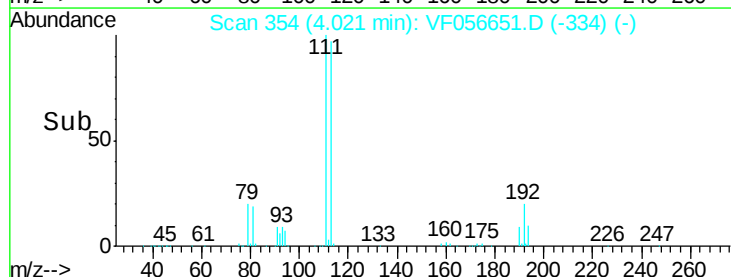
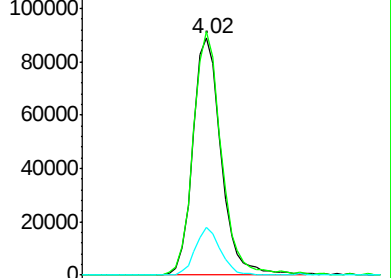
192 20.4 13.9 20.9

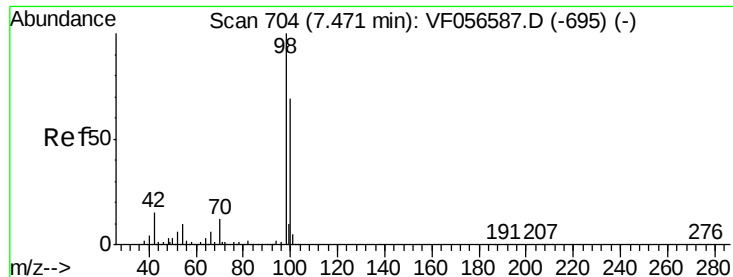


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

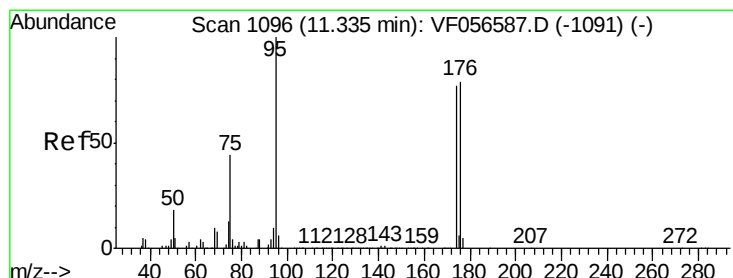
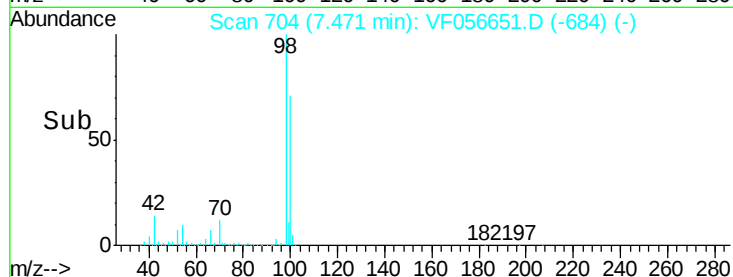
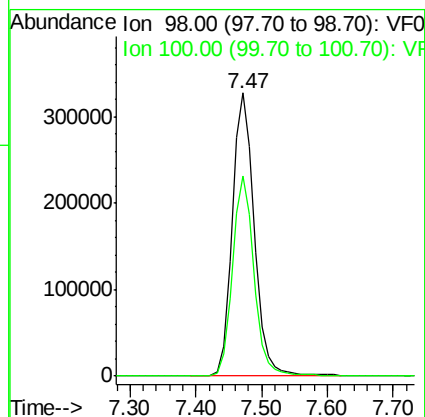
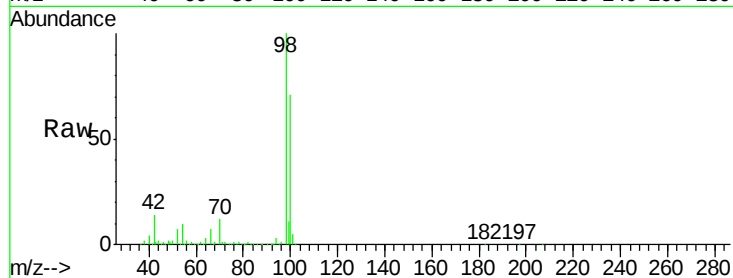




#50
Toluene-d8
Concen: 46.61 ug/l
RT: 7.47 min Scan# 704
Delta R.T. -0.00 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

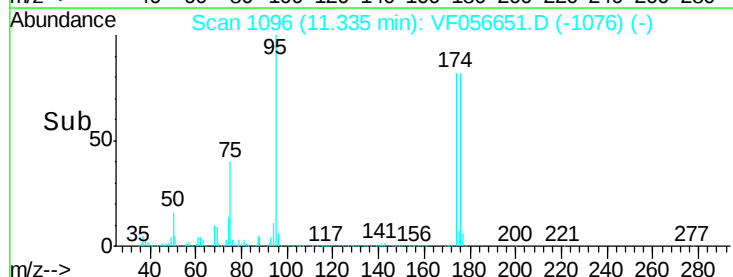
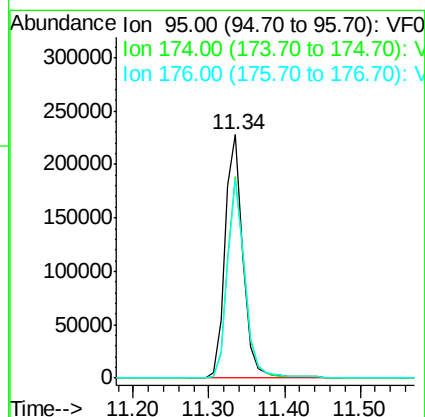
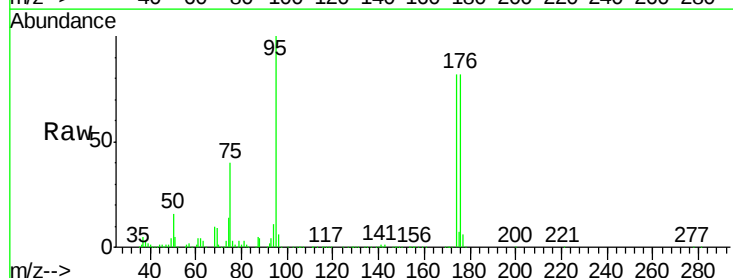
Instrument :
MSVOA_F
ClientSampleId :
VF0223SBL01

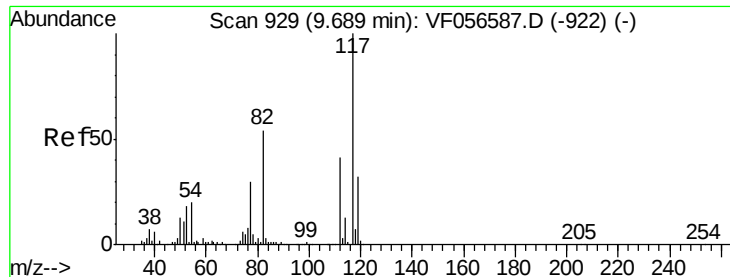
Tgt Ion: 98 Resp: 771248
Ion Ratio Lower Upper
98 100
100 70.7 55.4 83.0



#62
4-Bromofluorobenzene
Concen: 50.23 ug/l
RT: 11.34 min Scan# 1096
Delta R.T. -0.00 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Tgt Ion: 95 Resp: 378098
Ion Ratio Lower Upper
95 100
174 82.5 0.0 154.2
176 81.6 0.0 157.2

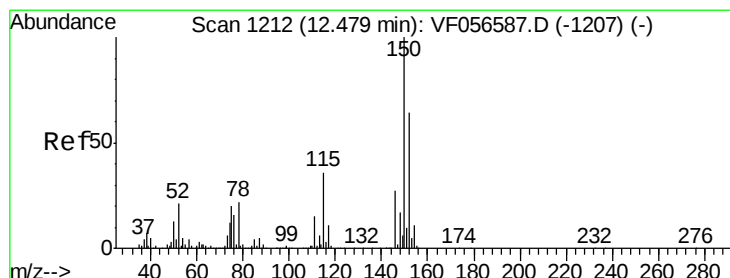
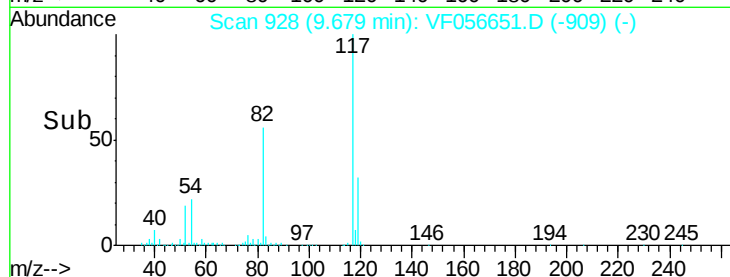
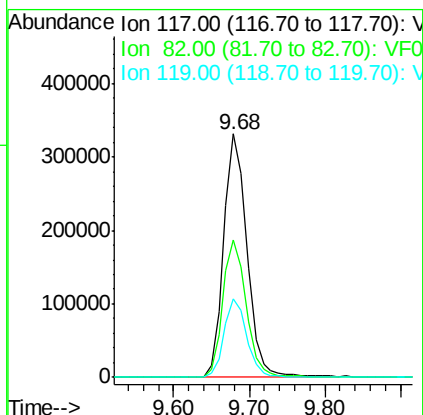
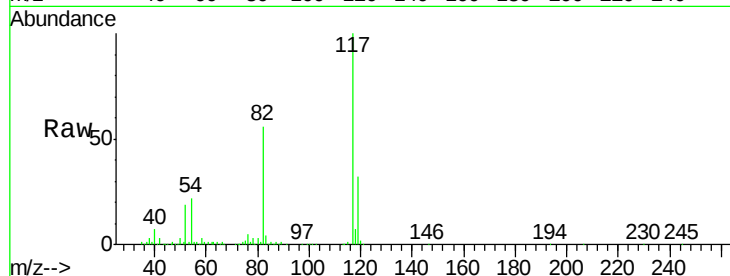




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.68 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Instrument :
MSVOA_F
ClientSampleId :
VF0223SBL01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.0	64.6
119	32.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.48 min Scan# 1212
Delta R.T. -0.00 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.4	28.1	84.3
150	148.5	0.0	315.6

