

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
 Data File : VF060925.D
 Acq On : 6 Dec 2018 19:03
 Operator : VA/AP
 Sample : J6214-18
 Misc : 5.69g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-10-(13-15)

Quant Time: Dec 07 00:33:43 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	186931	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	323732	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.77	117	263653	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	153910	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	93117	42.29	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	84.58%	
35) Dibromofluoromethane	4.11	113	100003	38.94	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	77.88%	
50) Toluene-d8	7.56	98	266906	35.28	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	70.56%	
62) 4-Bromofluorobenzene	11.41	95	123447	35.90	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	71.80%	

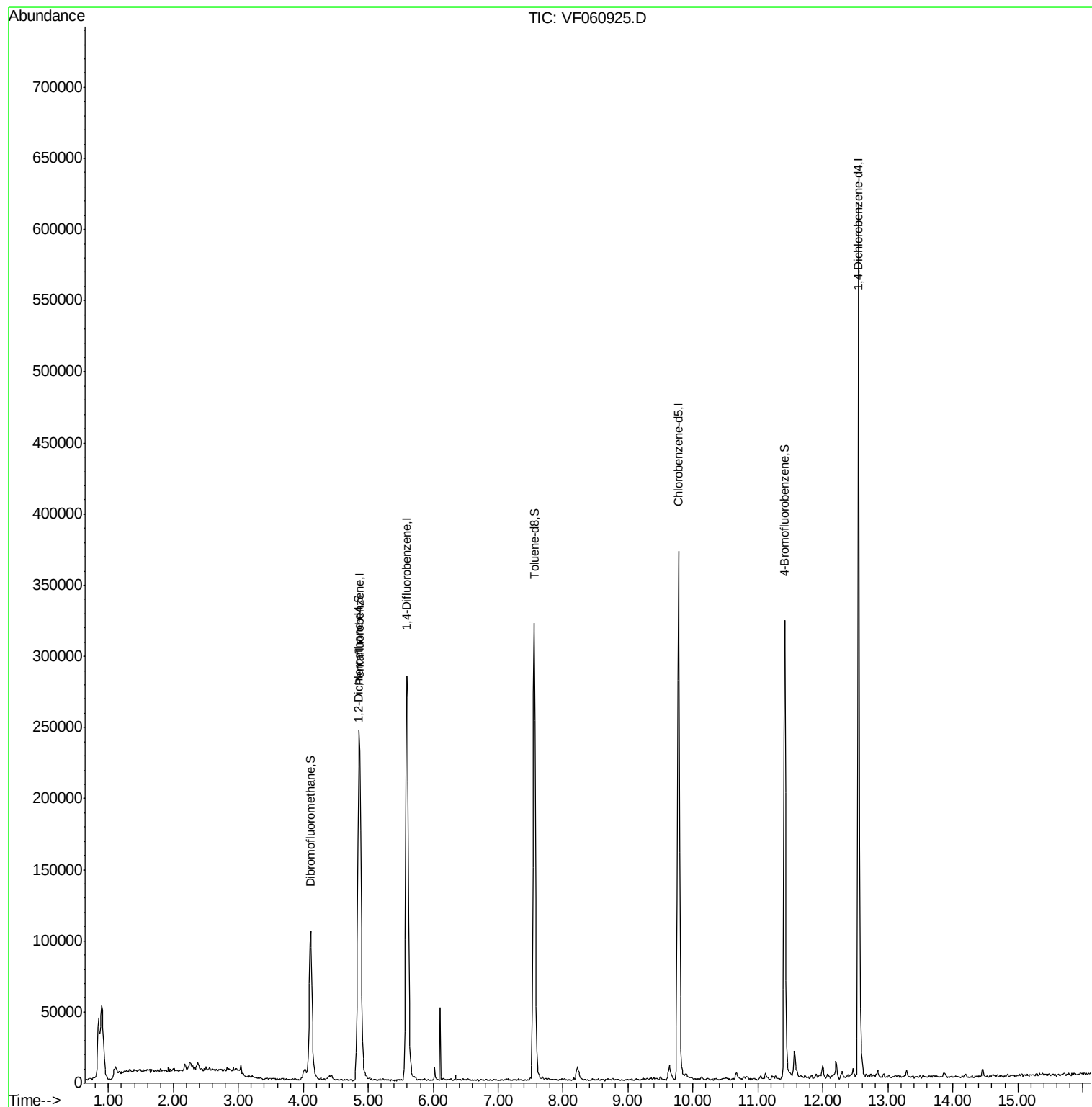
Target Compounds	Qvalue

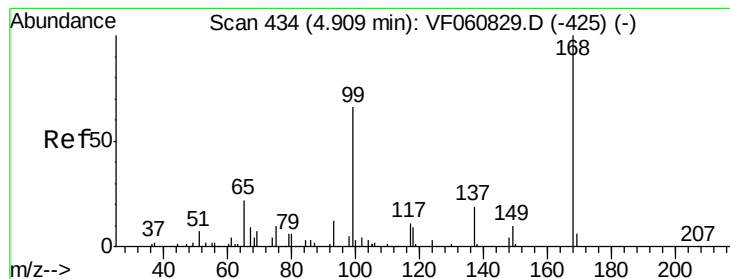
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF120618\
Data File : VF060925.D
Acq On : 6 Dec 2018 19:03
Operator : VA/AP
Sample : J6214-18
Misc : 5.69g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-10-(13-15)

Quant Time: Dec 07 00:33:43 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: VF060925.D

Acq: 6 Dec 2018 19:03

Instrument :

MSVOA_F

ClientSampleId :

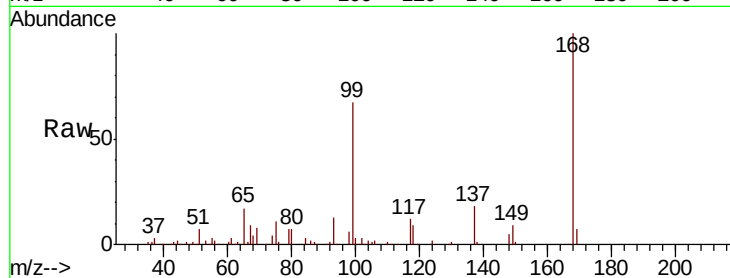
SB-10-(13-15)

Tot Ion:168 Resp: 186931

Ion Ratio Lower Upper

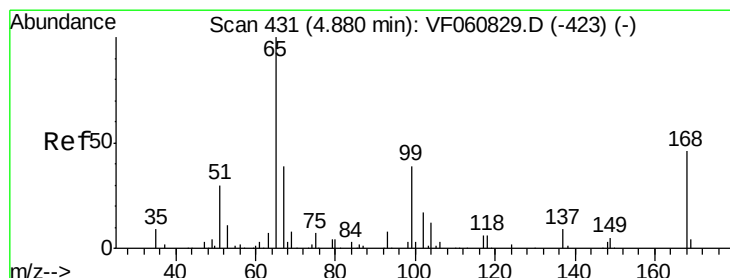
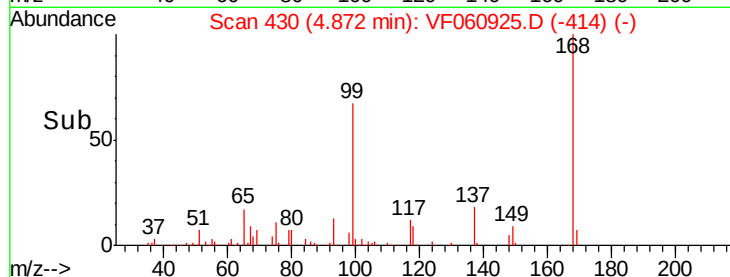
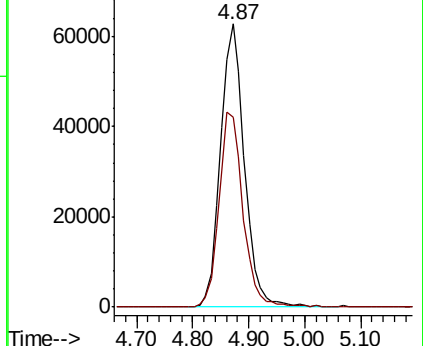
168 100

99 67.1 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 42.285 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF060925.D

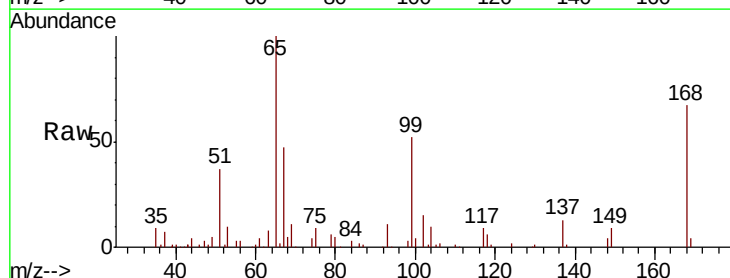
Acq: 6 Dec 2018 19:03

Tgt Ion: 65 Resp: 93117

Ion Ratio Lower Upper

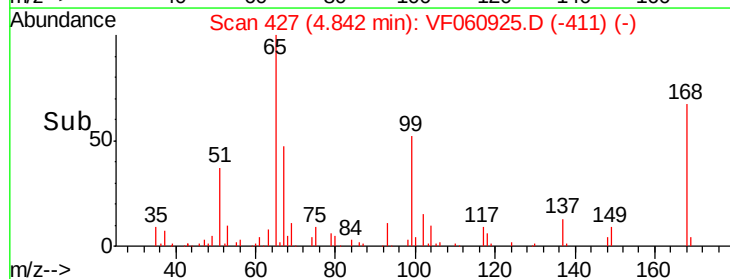
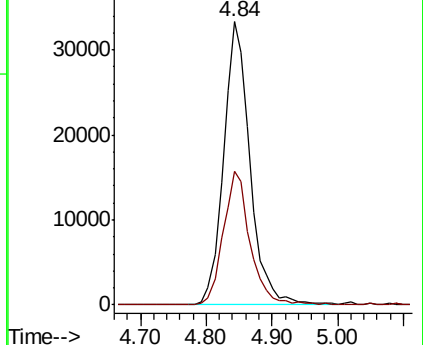
65 100

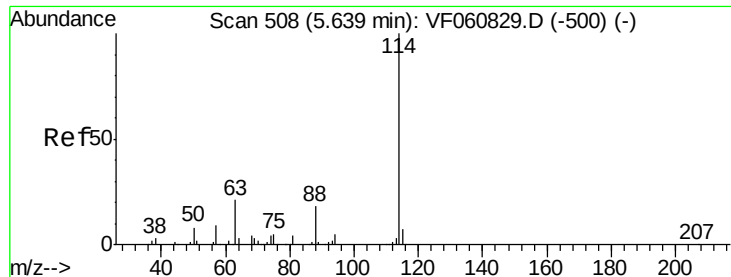
67 47.1 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.04 min

Lab File: VF060925.D

Acq: 6 Dec 2018 19:03

Instrument :

MSVOA_F

ClientSampleId :

SB-10-(13-15)

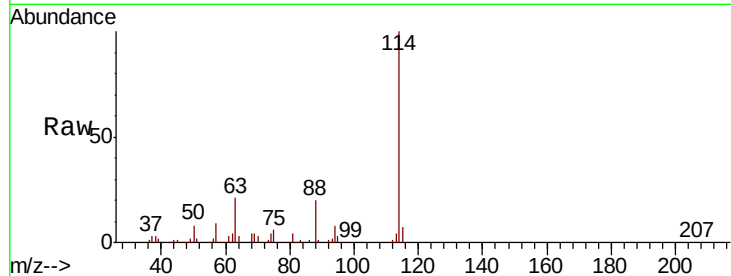
Tot Ion:114 Resp: 323732

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.6

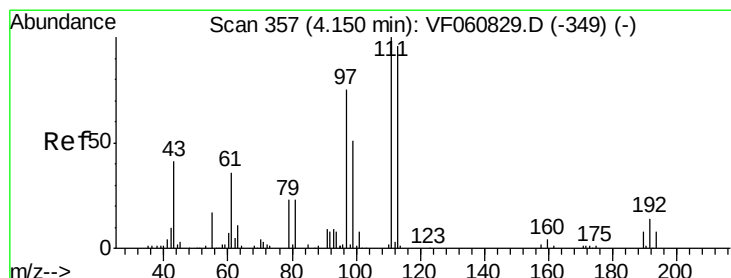
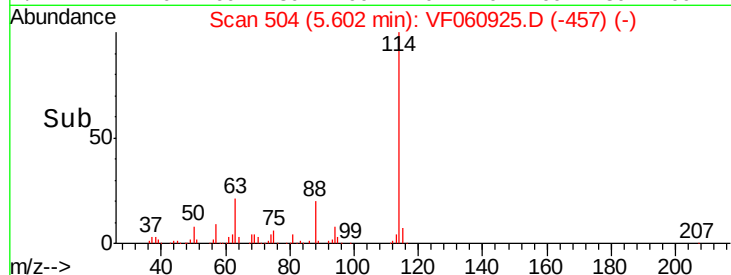
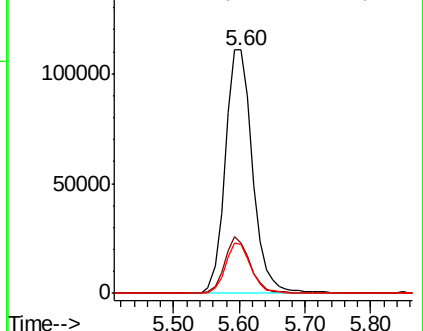
88 20.0 0.0 36.6



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: 38.938 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.04 min

Lab File: VF060925.D

Acq: 6 Dec 2018 19:03

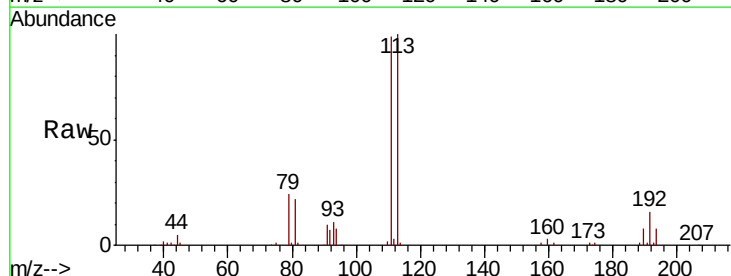
Tgt Ion:113 Resp: 100003

Ion Ratio Lower Upper

113 100

111 98.5 83.0 124.6

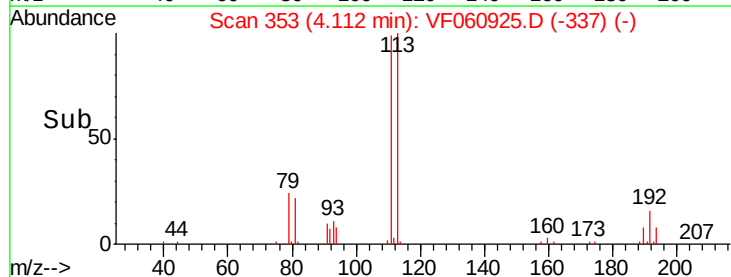
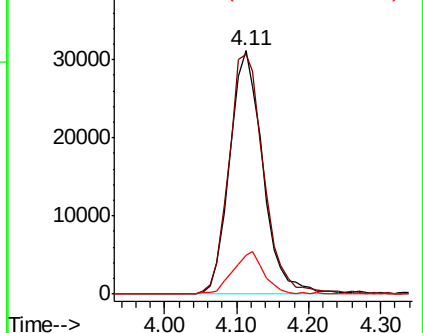
192 16.0 12.3 18.5

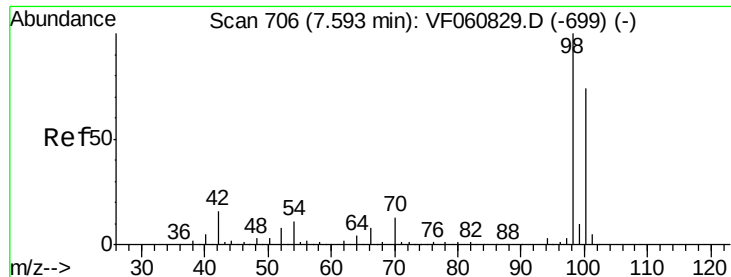


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

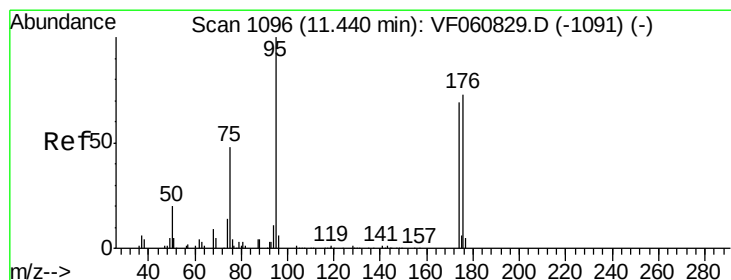
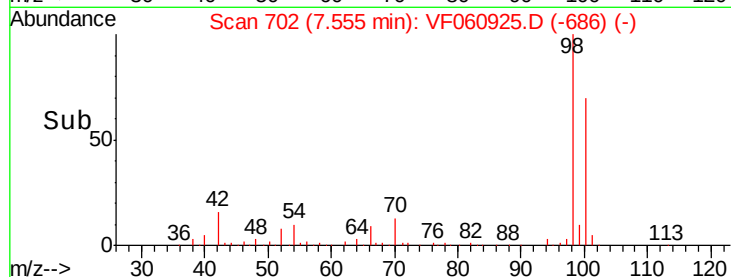
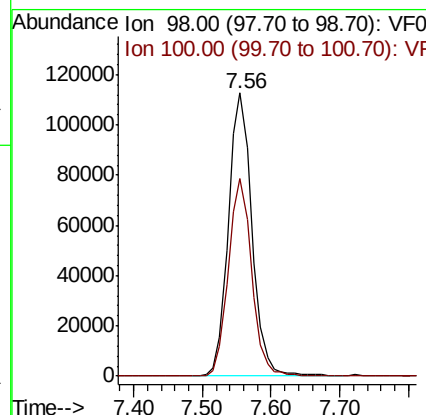
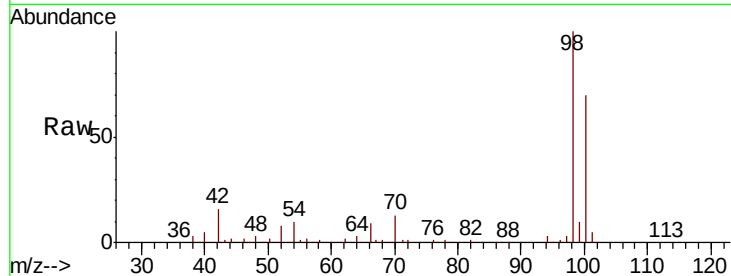




#50
Toluene-d8
Concen: 35.280 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060925.D
Acq: 6 Dec 2018 19:03

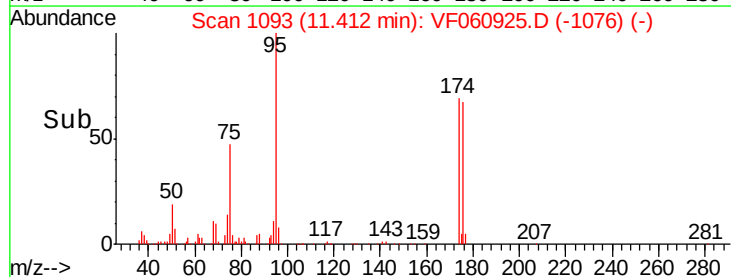
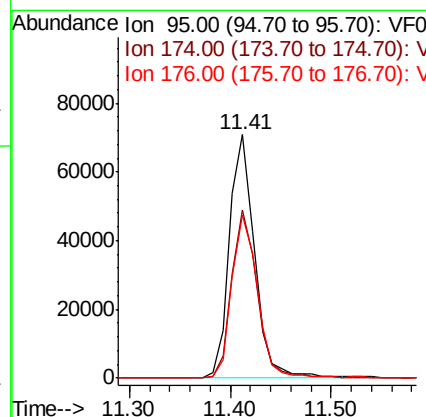
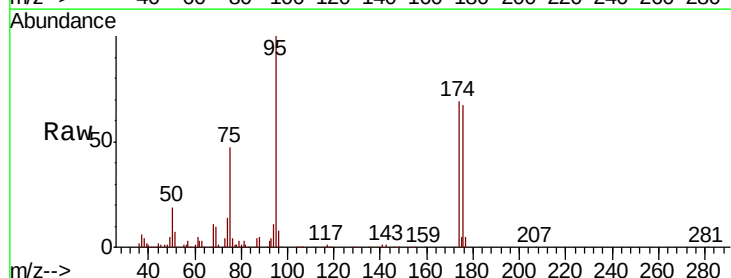
Instrument :
MSVOA_F
ClientSampleId :
SB-10-(13-15)

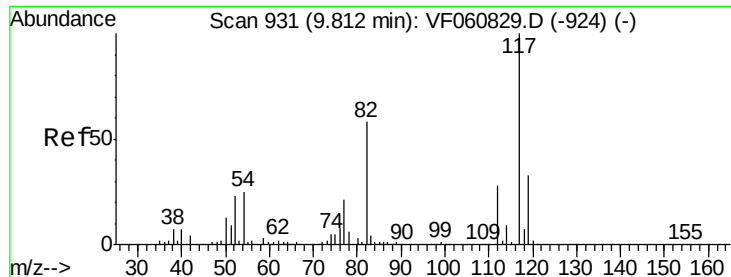
Tot Ion: 98 Resp: 266906
Ion Ratio Lower Upper
98 100
100 70.0 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 35.903 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060925.D
Acq: 6 Dec 2018 19:03

Tgt Ion: 95 Resp: 123447
Ion Ratio Lower Upper
95 100
174 69.0 0.0 138.2
176 66.9 0.0 146.2

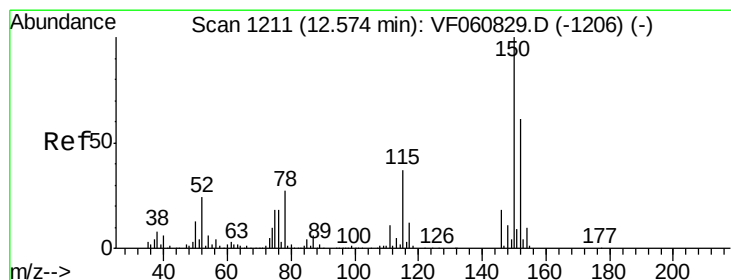
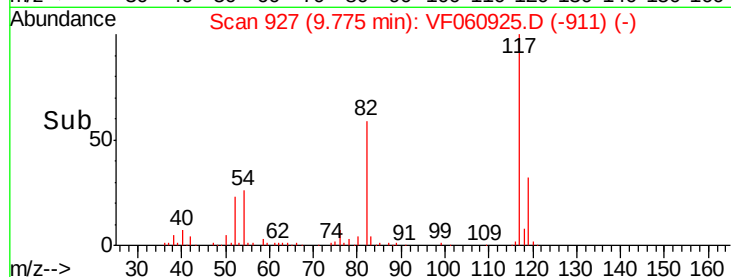
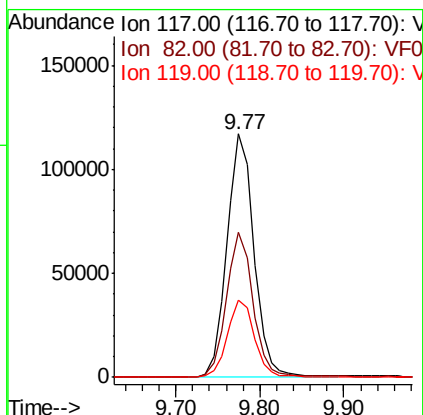
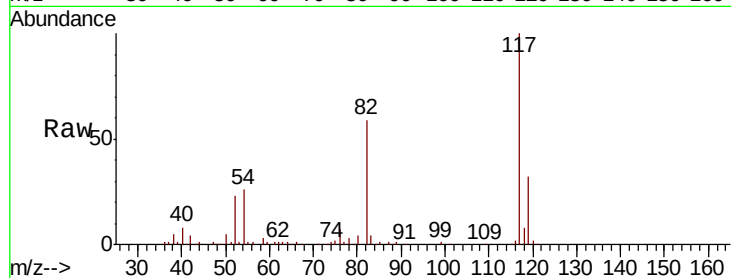




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060925.D
Acq: 6 Dec 2018 19:03

Instrument :
MSVOA_F
ClientSampleId :
SB-10-(13-15)

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.5	46.6	69.8
119	31.6	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060925.D
Acq: 6 Dec 2018 19:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.5	30.1	90.5
150	160.9	0.0	327.6

