

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082918\
 Data File : VF060178.D
 Acq On : 29 Aug 2018 6:27
 Operator : VA/AP
 Sample : J4648-08
 Misc : 8.47g/5mL/MSVOA F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-4-@-8-FT

Quant Time: Aug 29 08:06:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 29 03:22:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	50827	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	50296	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	31088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	10971	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	10335	32.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.12%	
35) Dibromofluoromethane	4.27	113	14190	43.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.72%	
50) Toluene-d8	7.70	98	48046	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	
62) 4-Bromofluorobenzene	11.51	95	12689	31.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.18%	

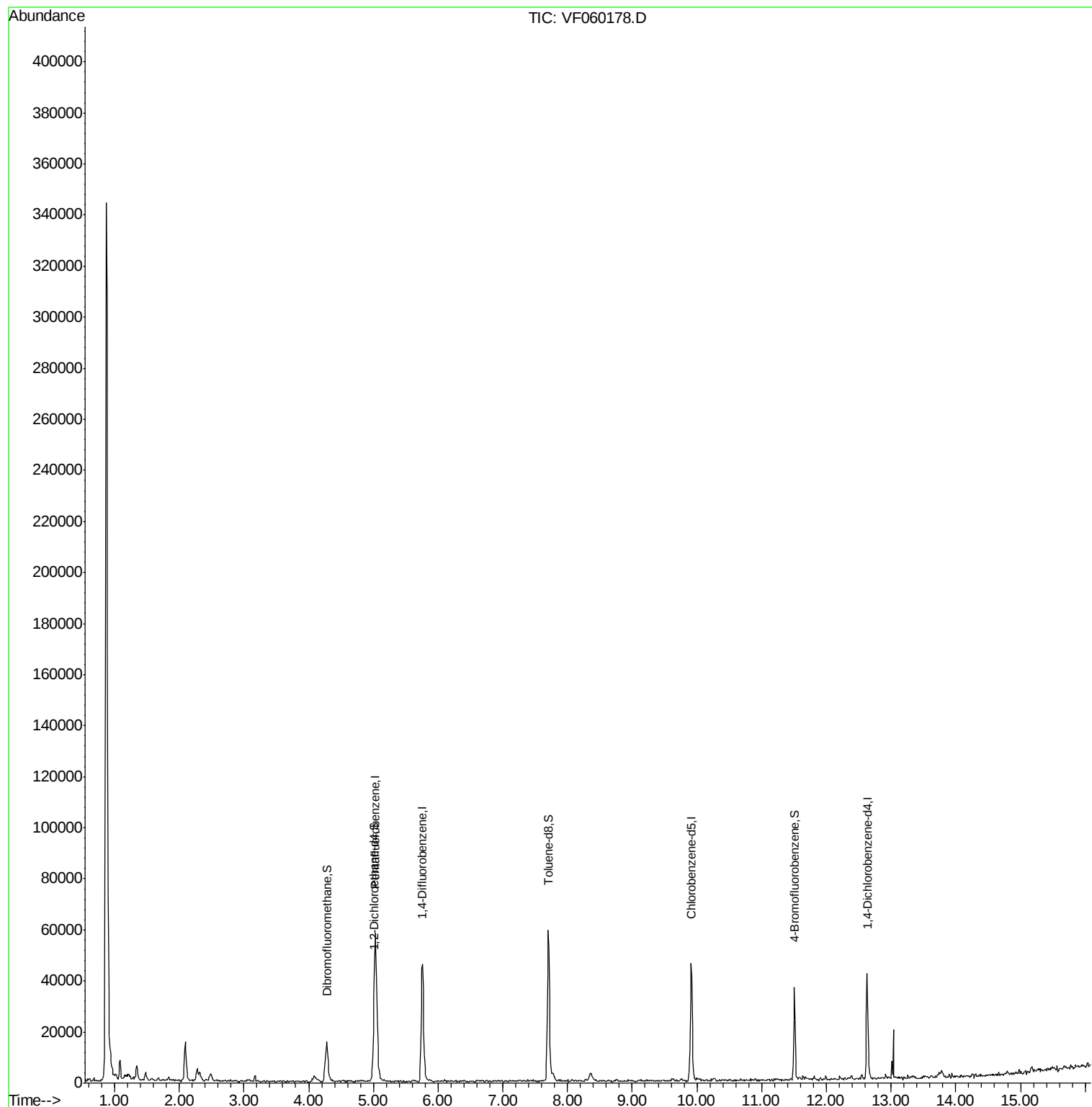
Target Compounds	Qvalue

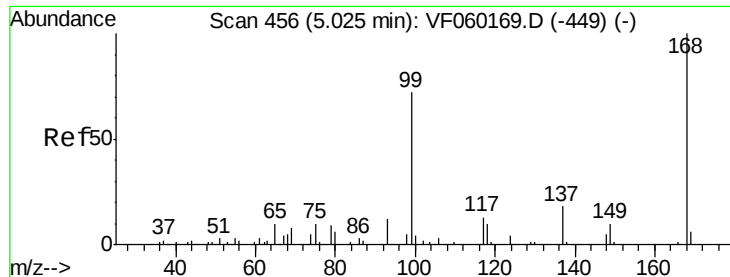
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082918\
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Quant Title : SW846 8260
QLast Update : Wed Aug 29 03:22:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF060178.D

Acq: 29 Aug 2018 6:27

Instrument :

MSVOA_F

ClientSampleId :

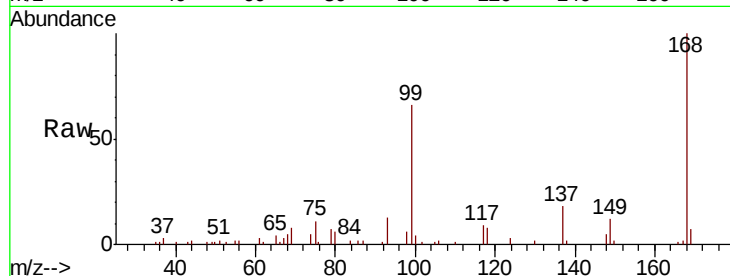
SB-4-@-8-FT

Tot Ion:168 Resp: 50827

Ion Ratio Lower Upper

168 100

99 65.9 57.9 86.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

15000

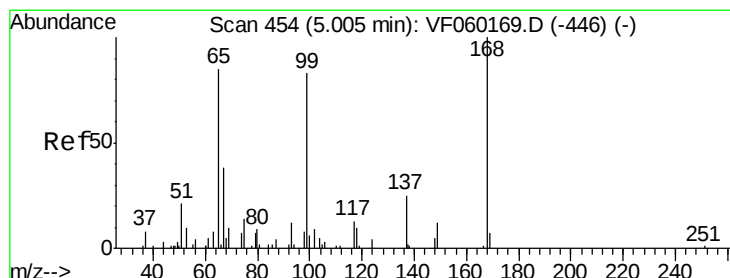
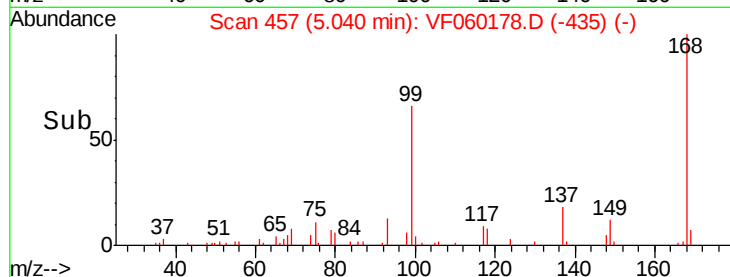
10000

5000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 32.56 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF060178.D

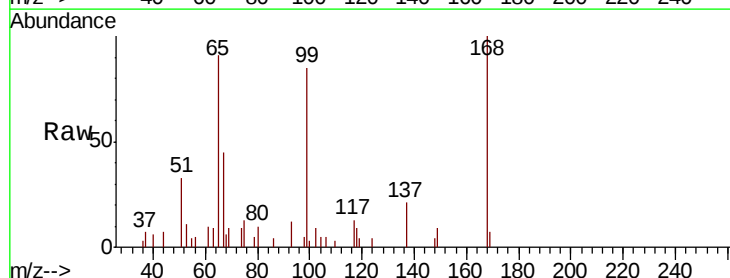
Acq: 29 Aug 2018 6:27

Tgt Ion: 65 Resp: 10335

Ion Ratio Lower Upper

65 100

67 49.1 0.0 92.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

3000

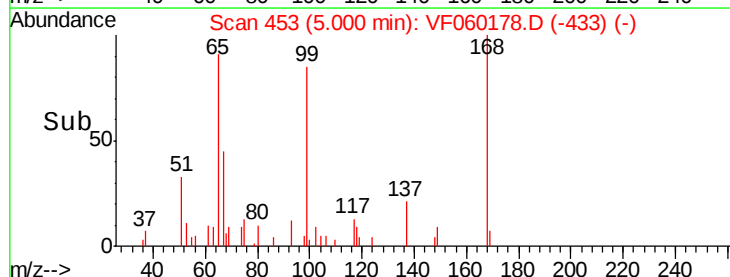
2000

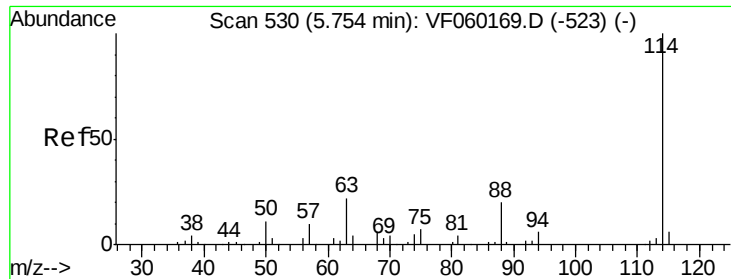
1000

0

Time-->

4.90 5.00 5.10

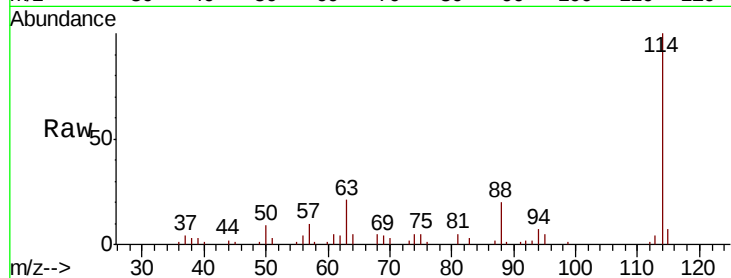




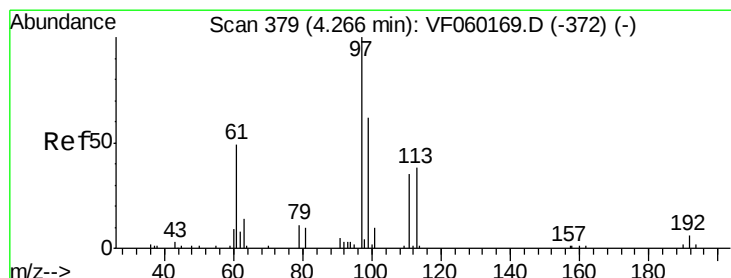
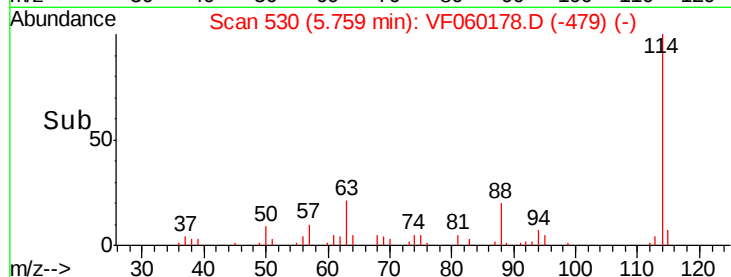
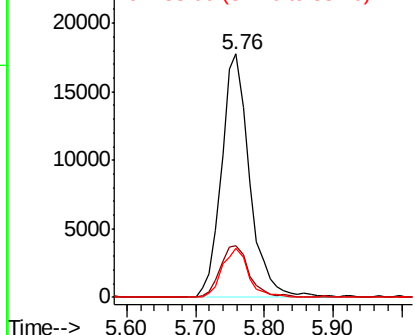
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VF060178.D
 Acq: 29 Aug 2018 6:27

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-4-@-8-FT

Tot Ion:114	Resp:	50296
Ion Ratio	Lower	Upper
114	100	
63	21.4	0.0 45.8
88	20.1	0.0 40.2

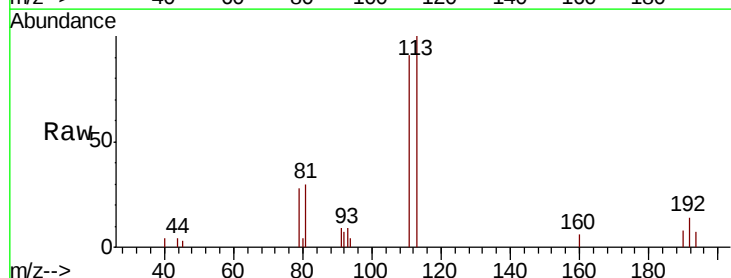


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

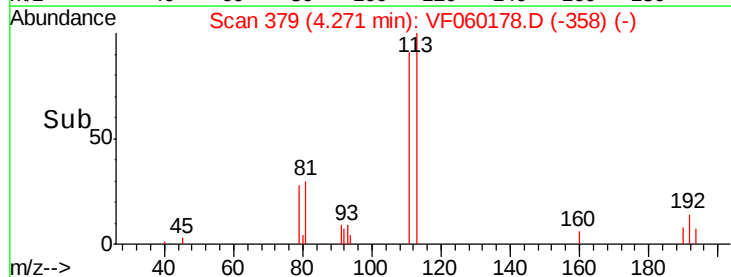
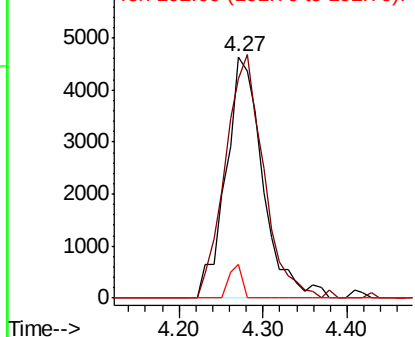


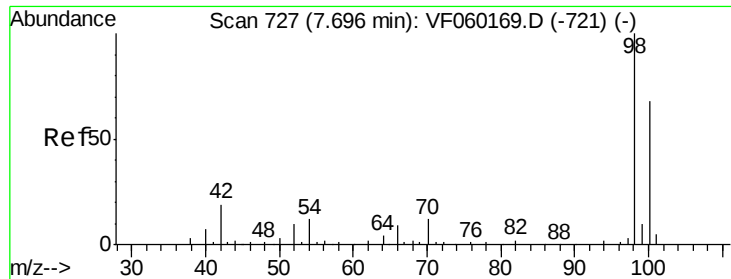
#35
 Dibromofluoromethane
 Concen: 43.86 ug/l
 RT: 4.27 min Scan# 379
 Delta R.T. 0.00 min
 Lab File: VF060178.D
 Acq: 29 Aug 2018 6:27

Tgt Ion:113	Resp:	14190
Ion Ratio	Lower	Upper
113	100	
111	91.0	75.5 113.3
192	13.8	12.5 18.7



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

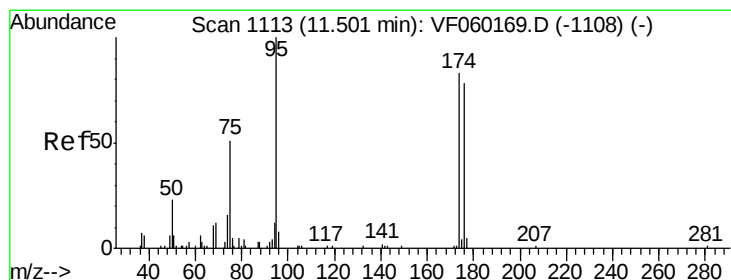
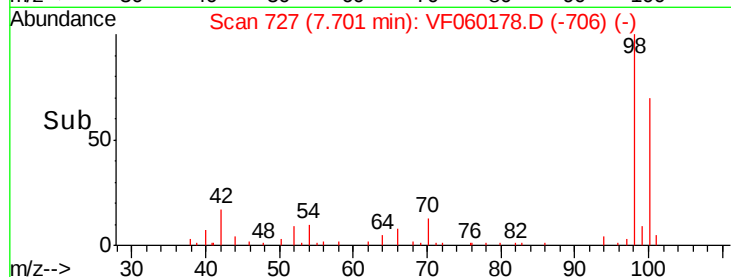
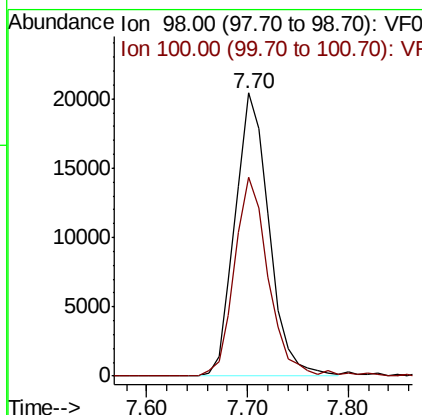
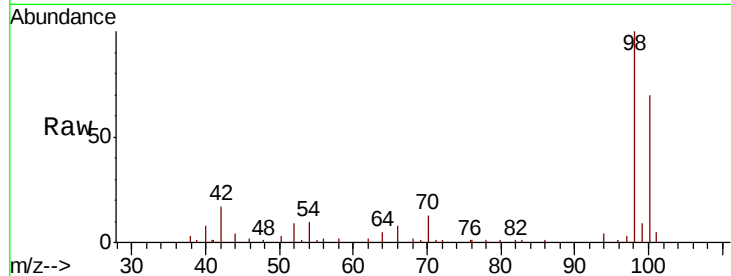




#50
Toluene-d8
Concen: 43.41 ug/l
RT: 7.70 min Scan# 727
Delta R.T. 0.00 min
Lab File: VF060178.D
Acq: 29 Aug 2018 6:27

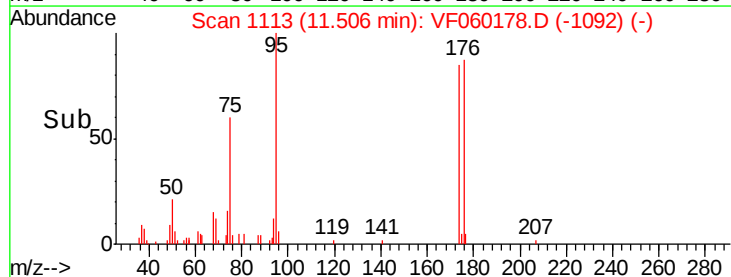
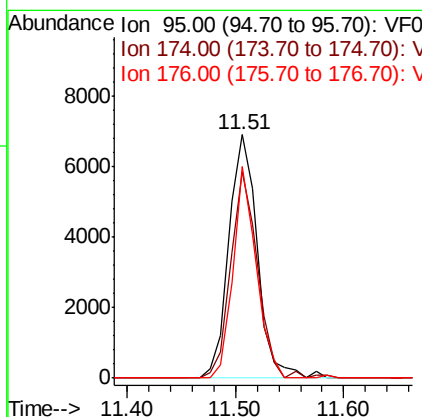
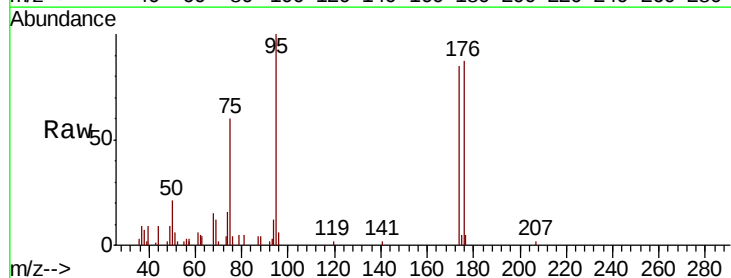
Instrument :
MSVOA_F
ClientSampleId :
SB-4-@-8-FT

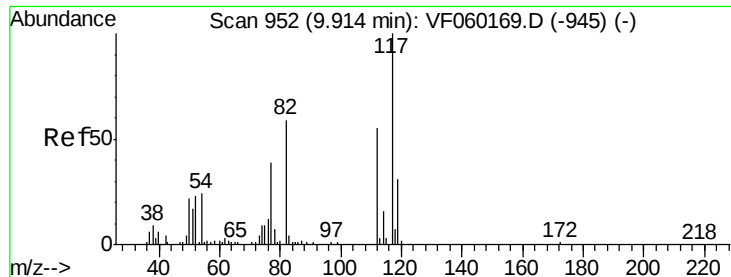
Tot Ion: 98 Resp: 48046
Ion Ratio Lower Upper
98 100
100 70.4 54.5 81.7



#62
4-Bromofluorobenzene
Concen: 31.09 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VF060178.D
Acq: 29 Aug 2018 6:27

Tgt Ion: 95 Resp: 12689
Ion Ratio Lower Upper
95 100
174 84.7 0.0 165.2
176 87.0 0.0 156.6

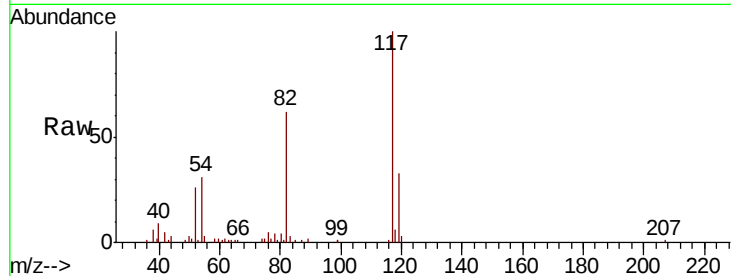




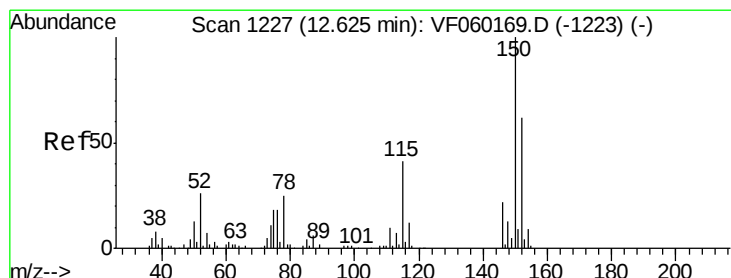
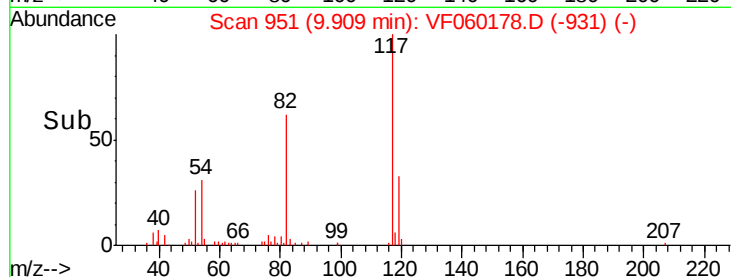
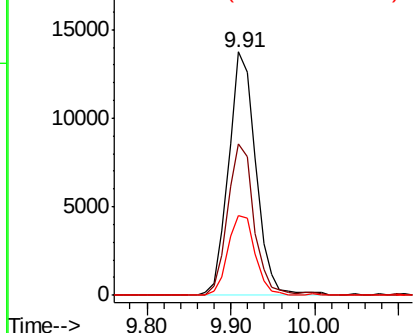
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF060178.D
Acq: 29 Aug 2018 6:27

Instrument :
MSVOA_F
ClientSampleId :
SB-4-@-8-FT

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.4	47.2	70.8
119	32.8	25.0	37.4

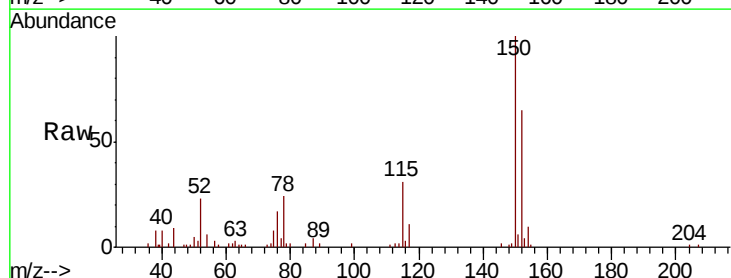


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VF060178.D
Acq: 29 Aug 2018 6:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	48.5	33.2	99.6
150	154.7	0.0	325.6



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

