

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF120618\
 Data File : VF060912.D
 Acq On : 6 Dec 2018 12:37
 Operator : VA/AP
 Sample : VF1206SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1206SBL01

Quant Time: Dec 06 16:54:52 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	201778	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	342181	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	294295	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	173041	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	121526	51.13	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	102.26%	
35) Dibromofluoromethane	4.10	113	141280	52.04	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	104.08%	
50) Toluene-d8	7.55	98	371860	46.50	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	93.00%	
62) 4-Bromofluorobenzene	11.41	95	176905	48.68	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	97.36%	

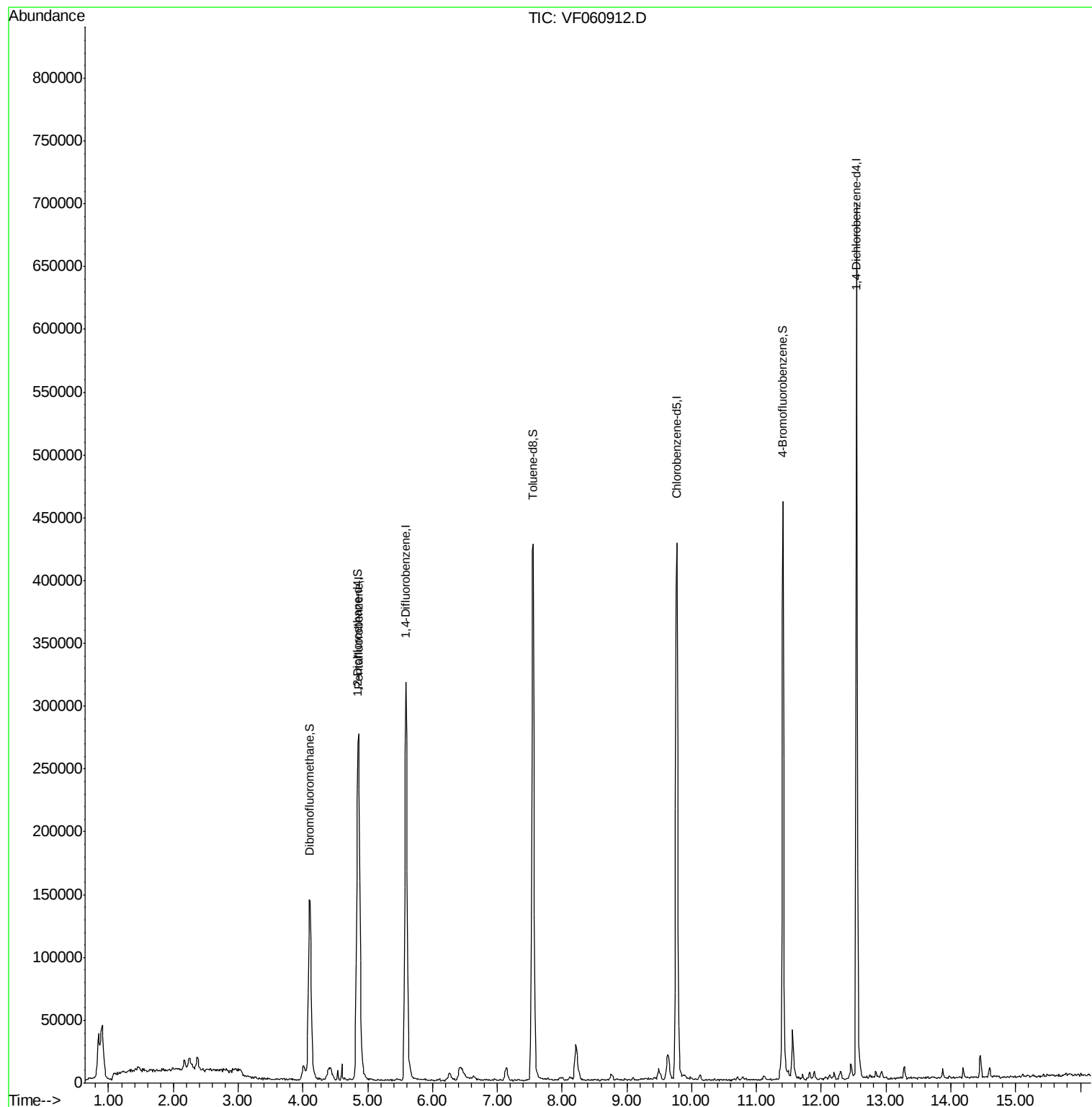
Target Compounds	Qvalue

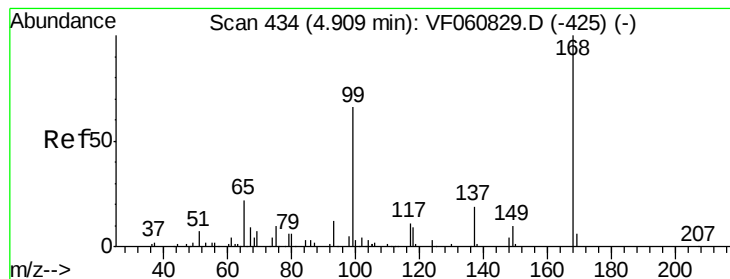
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.05 min

Lab File: VF060912.D

Acq: 6 Dec 2018 12:37

Instrument :

MSVOA_F

ClientSampleId :

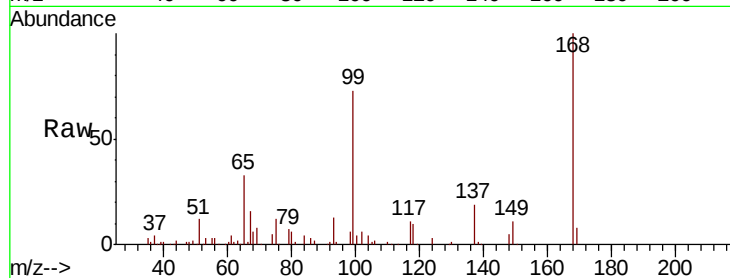
VF1206SBL01

Tot Ion:168 Resp: 201778

Ion Ratio Lower Upper

168 100

99 73.1 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

60000

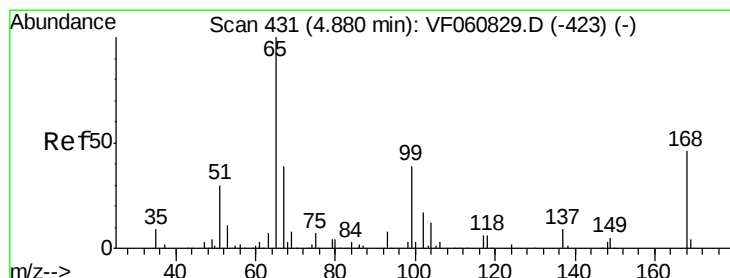
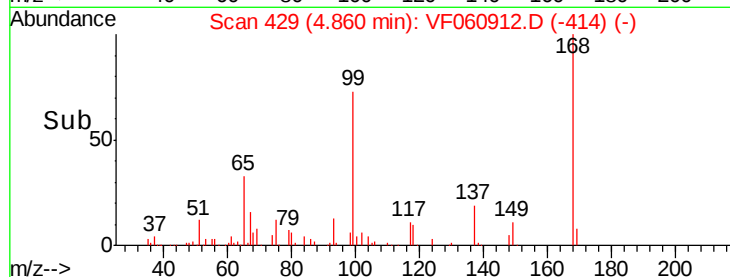
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 51.126 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF060912.D

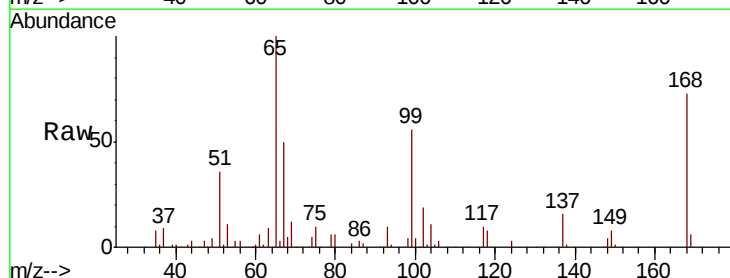
Acq: 6 Dec 2018 12:37

Tgt Ion: 65 Resp: 121526

Ion Ratio Lower Upper

65 100

67 50.1 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

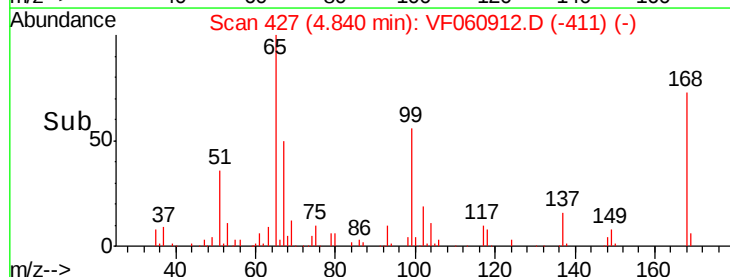
20000

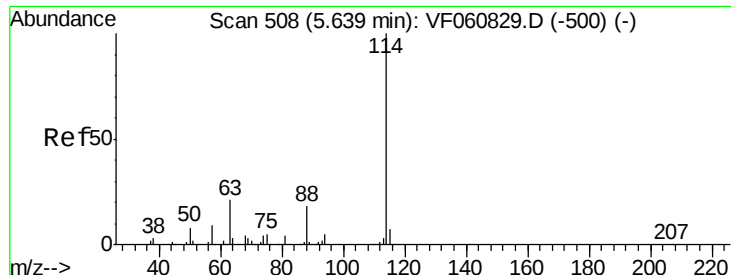
10000

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: VF060912.D

Acq: 6 Dec 2018 12:37

Instrument :

MSVOA_F

ClientSampleId :

VF1206SBL01

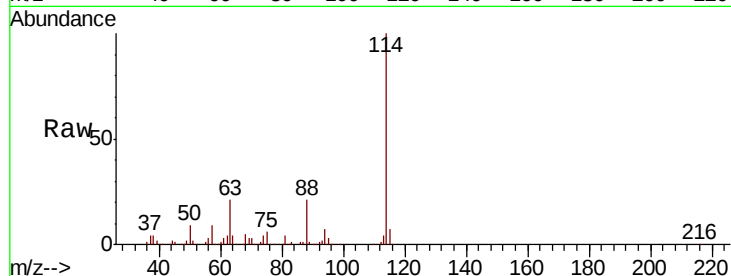
Tot Ion:114 Resp: 342181

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.6

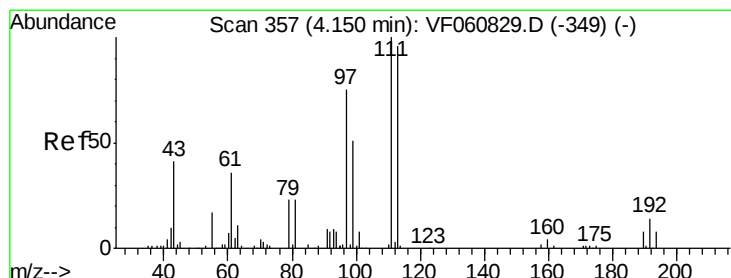
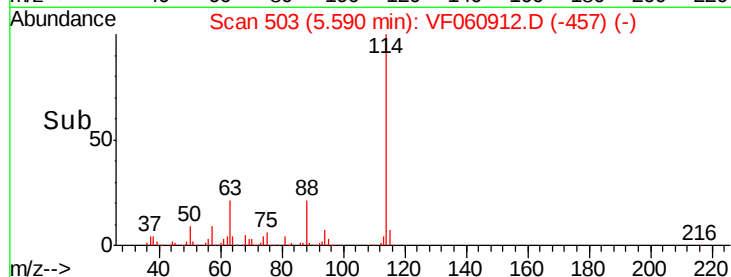
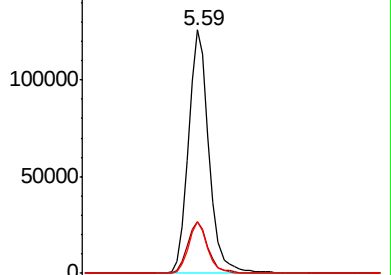
88 21.2 0.0 36.6



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: 52.044 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.05 min

Lab File: VF060912.D

Acq: 6 Dec 2018 12:37

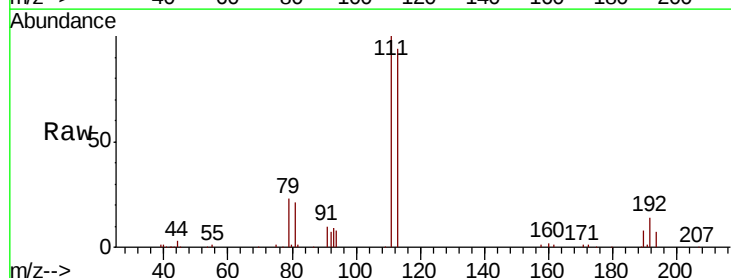
Tgt Ion:113 Resp: 141280

Ion Ratio Lower Upper

113 100

111 106.2 83.0 124.6

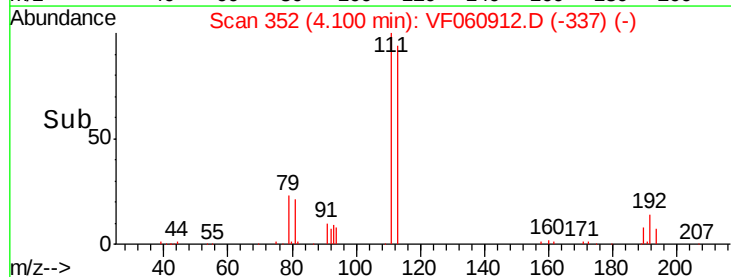
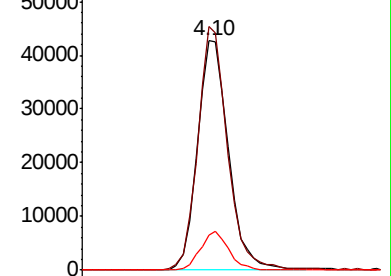
192 15.3 12.3 18.5

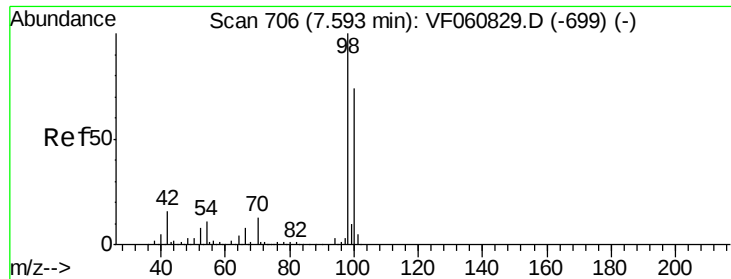


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

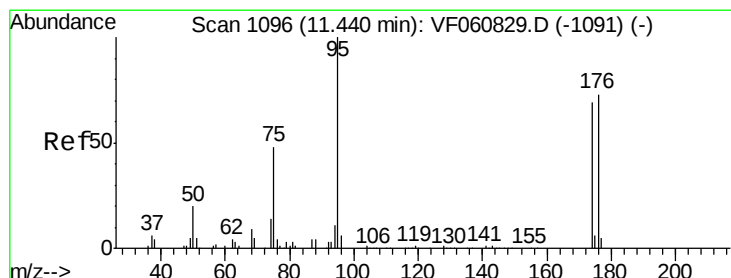
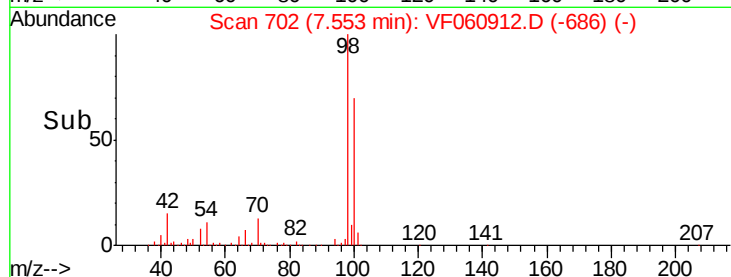
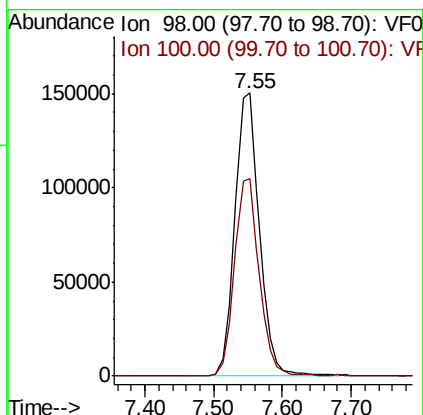
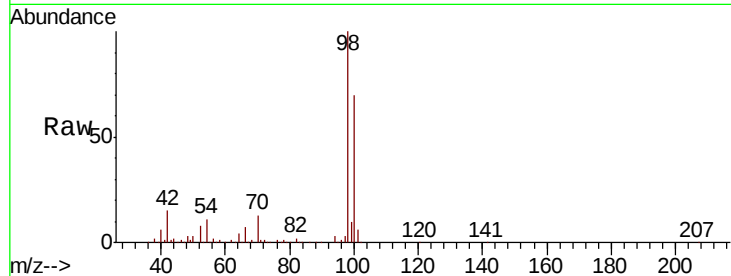




#50
Toluene-d8
Concen: 46.503 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060912.D
Acq: 6 Dec 2018 12:37

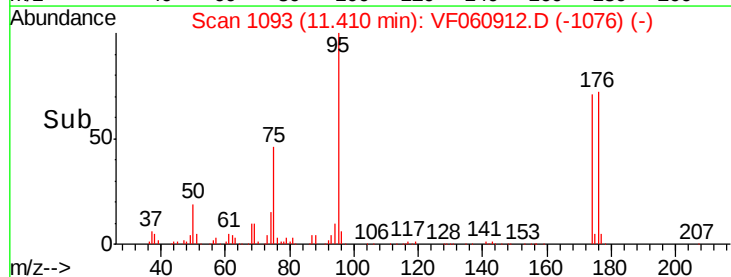
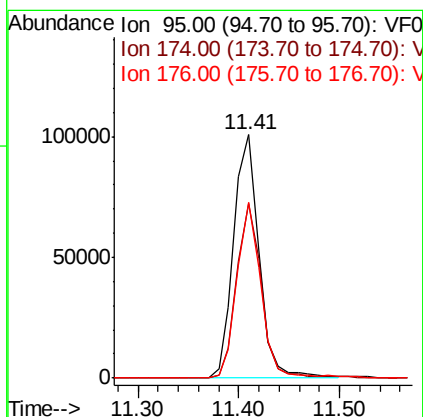
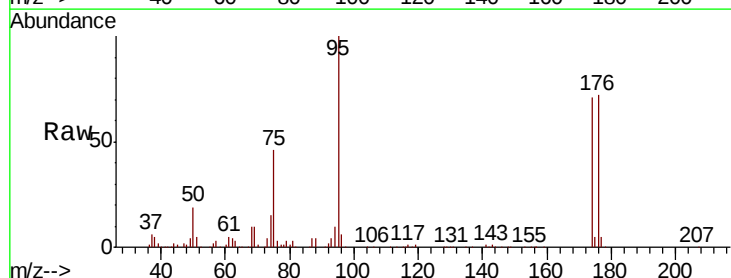
Instrument :
MSVOA_F
ClientSampleId :
VF1206SBL01

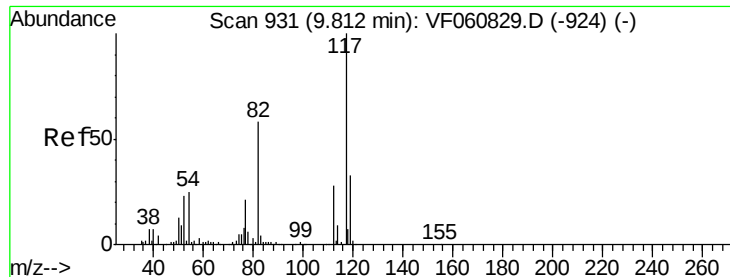
Tot Ion: 98 Resp: 371860
Ion Ratio Lower Upper
98 100
100 69.7 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 48.677 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060912.D
Acq: 6 Dec 2018 12:37

Tgt Ion: 95 Resp: 176905
Ion Ratio Lower Upper
95 100
174 71.5 0.0 138.2
176 72.1 0.0 146.2

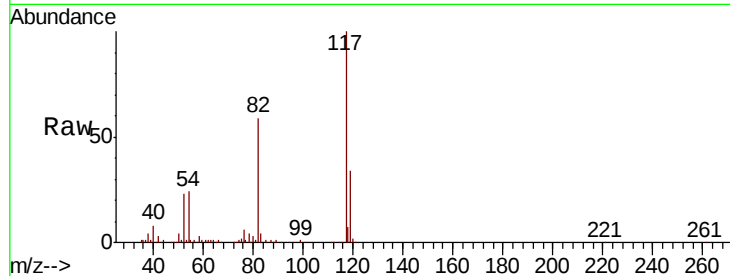




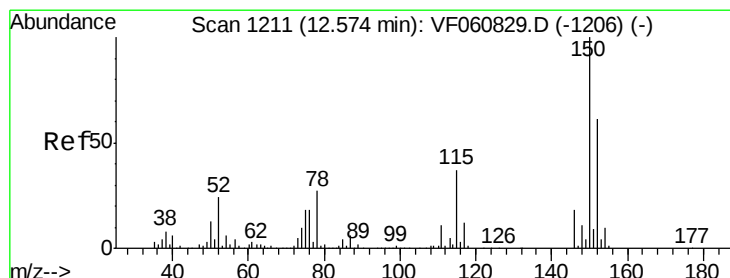
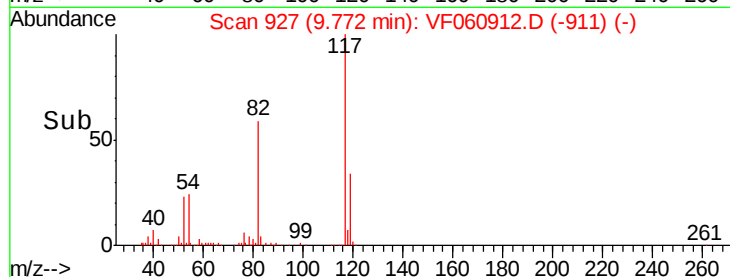
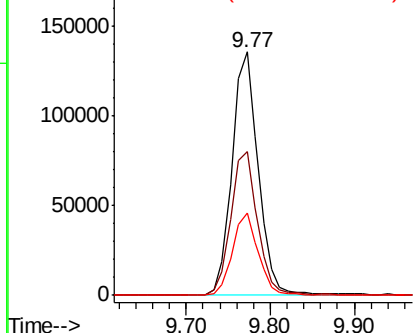
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060912.D
Acq: 6 Dec 2018 12:37

Instrument :
MSVOA_F
ClientSampleId :
VF1206SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.3	46.6	69.8
119	34.0	26.4	39.6

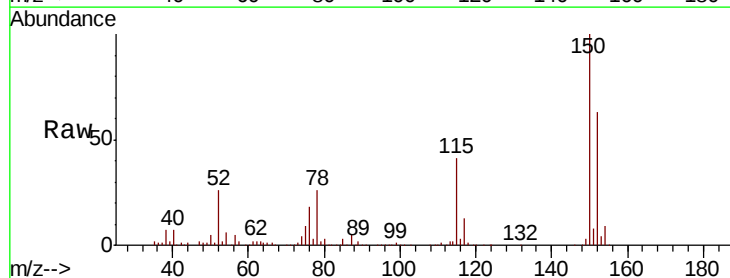


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060912.D
Acq: 6 Dec 2018 12:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.9	30.1	90.5
150	159.6	0.0	327.6



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

