

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121218\
 Data File : VF061010.D
 Acq On : 12 Dec 2018 22:07
 Operator : VA/AP
 Sample : J6316-11
 Misc : 5.82g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 AVE-X-B-BALL-FIELD-S-1

Quant Time: Dec 13 02:59:45 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	4.86	168	197845	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	338953	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	286258	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.55	152	105835	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	122870	52.72	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	105.44%	
35) Dibromofluoromethane	4.10	113	142130	52.86	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	7.55	98	308636	38.96	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	77.92%	
62) 4-Bromofluorobenzene	11.40	95	126852	35.24	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	70.48%	

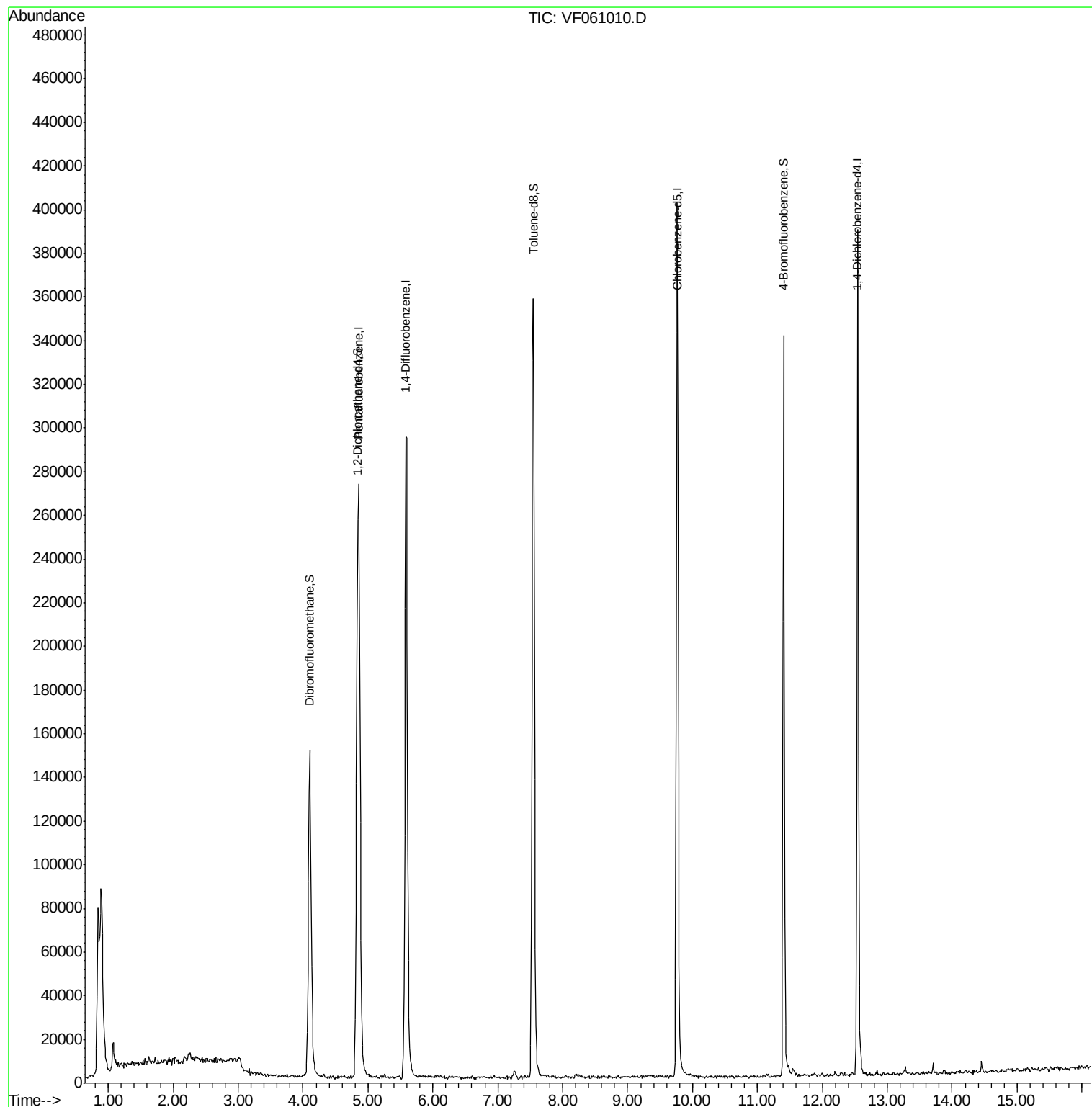
Target Compounds	Qvalue

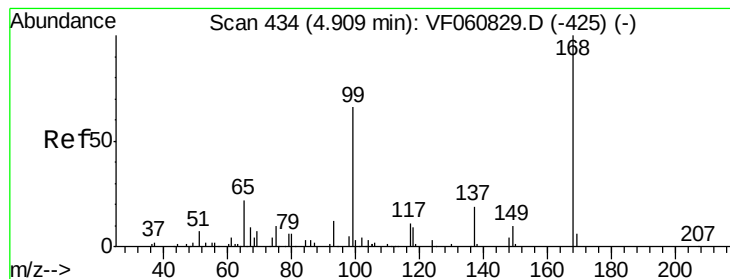
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF061010.D

Acq: 12 Dec 2018 22:07

Instrument :

MSVOA_F

ClientSampleId :

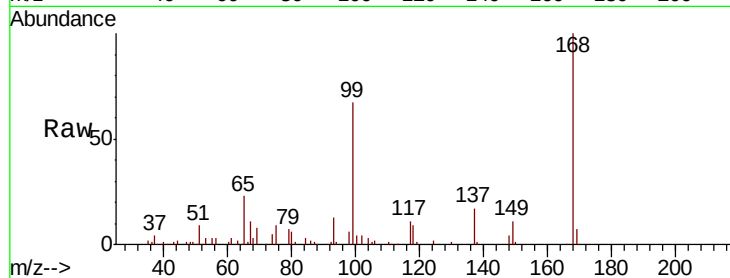
AVE-X-B-BALL-FIELD-S-1

Tot Ion:168 Resp: 197845

Ion Ratio Lower Upper

168 100

99 67.3 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

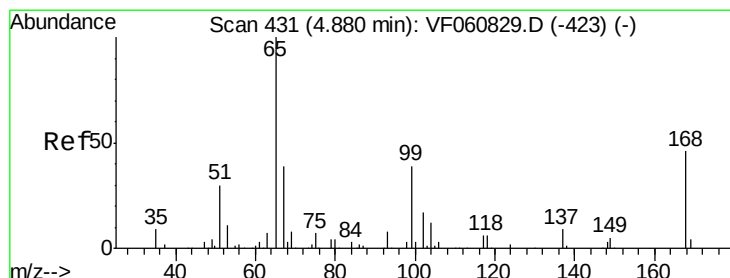
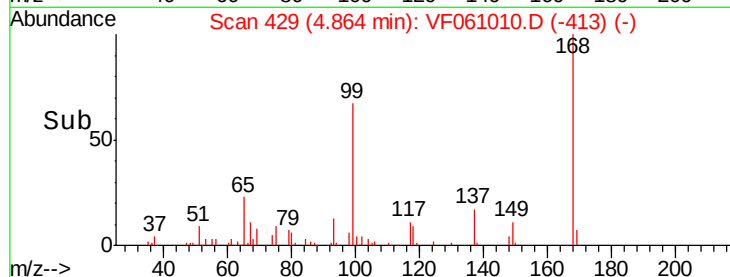
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 52.719 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.05 min

Lab File: VF061010.D

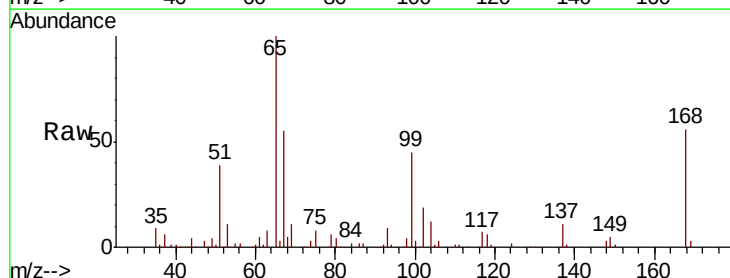
Acq: 12 Dec 2018 22:07

Tgt Ion: 65 Resp: 122870

Ion Ratio Lower Upper

65 100

67 54.6 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

50000

40000

30000

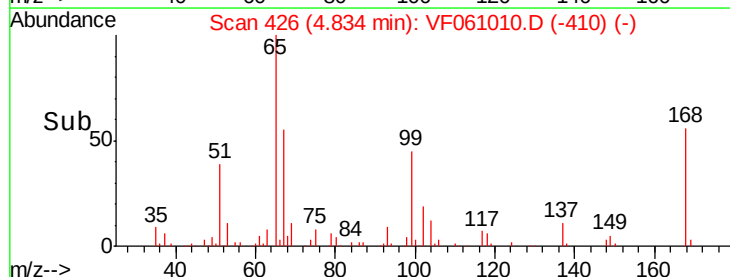
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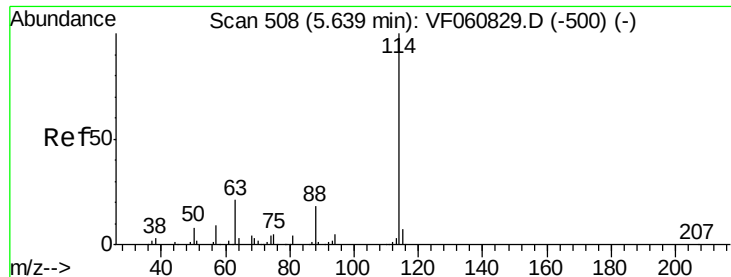
10000

0

Time-->

4.70 4.80 4.90 5.00

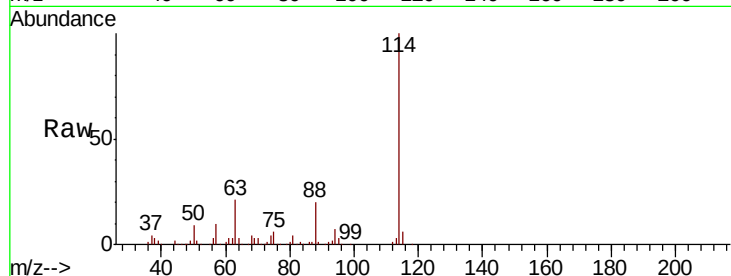




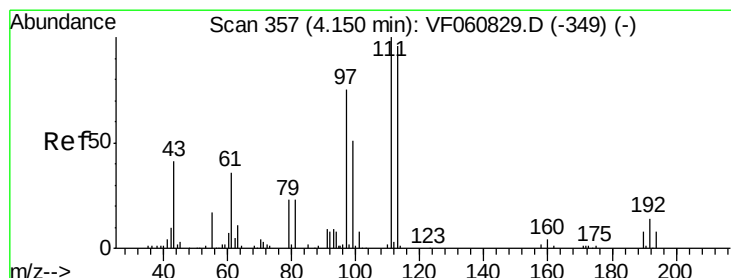
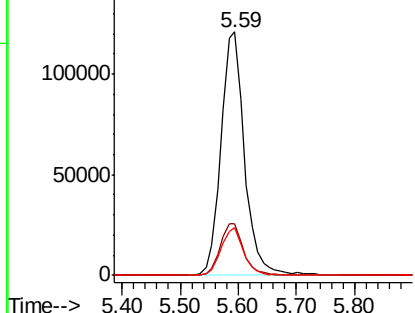
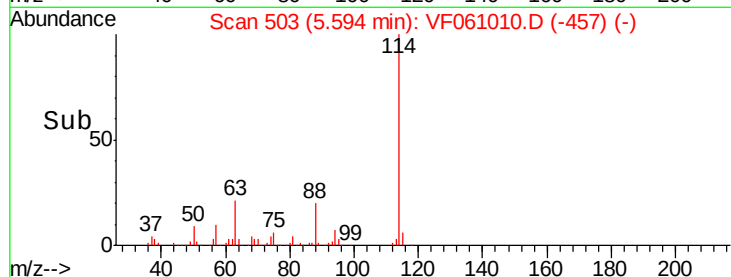
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.05 min
 Lab File: VF061010.D
 Acq: 12 Dec 2018 22:07

Instrument :
 MSVOA_F
 ClientSampleId :
 AVE-X-B-BALL-FIELD-S-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.6
88	19.6	0.0	36.6

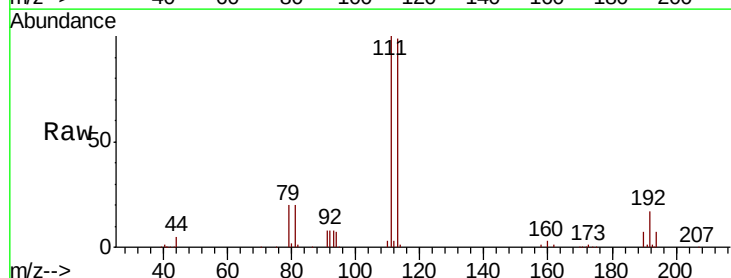


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

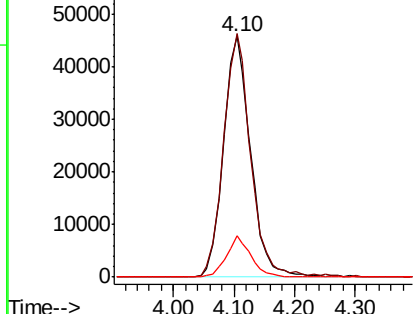
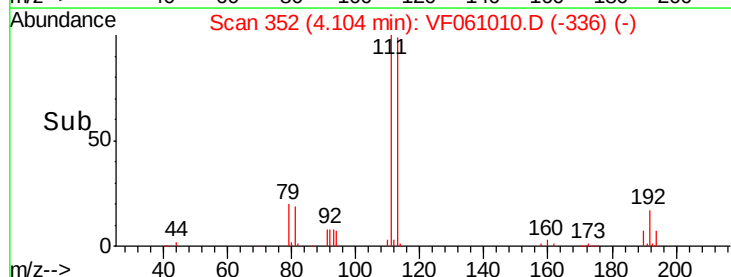


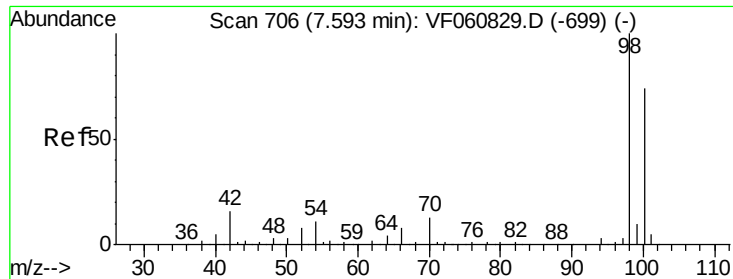
#35
 Dibromofluoromethane
 Concen: 52.856 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.05 min
 Lab File: VF061010.D
 Acq: 12 Dec 2018 22:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.0	124.6
192	17.3	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

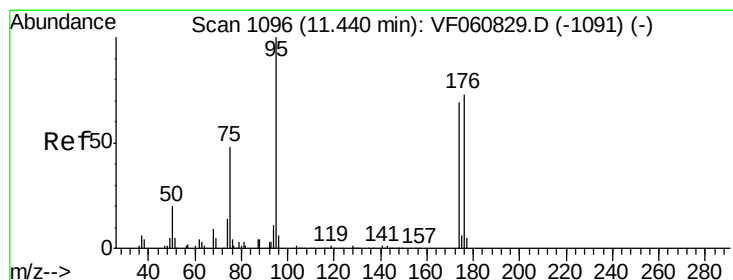
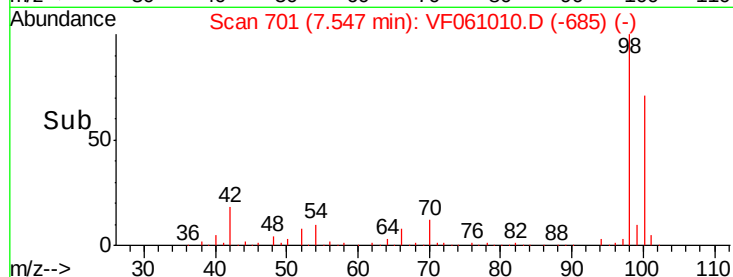
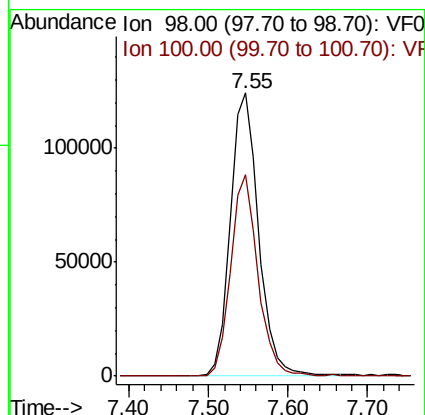
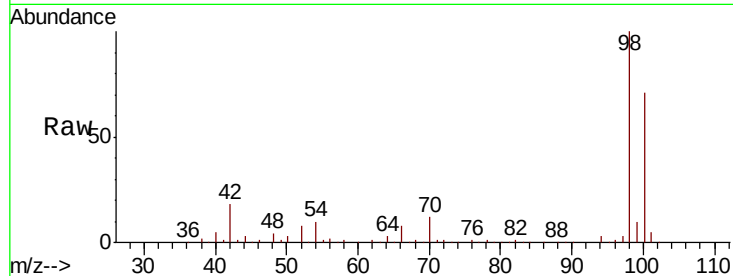




#50
Toluene-d8
Concen: 38.964 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.05 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

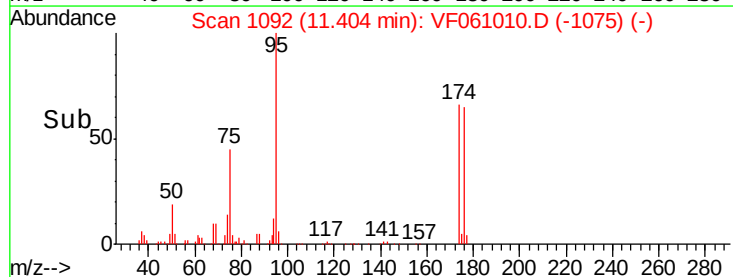
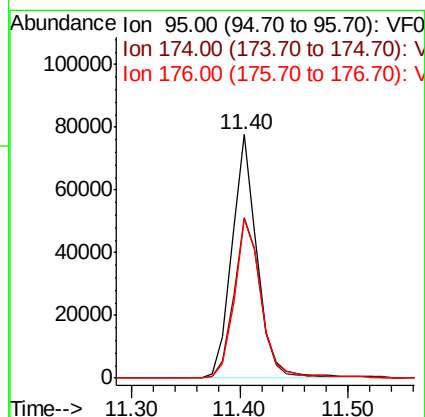
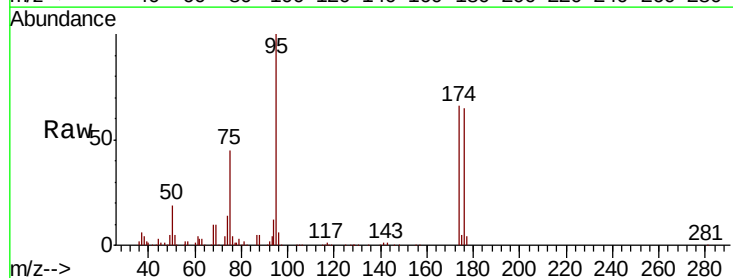
Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

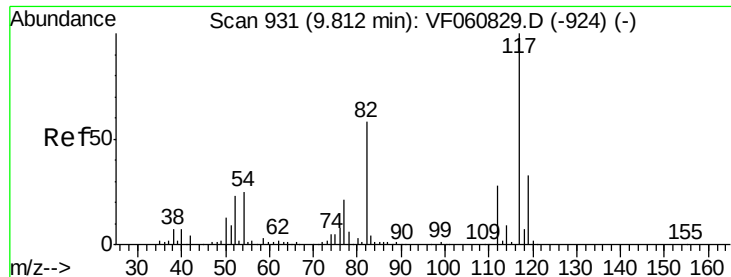
Tot Ion: 98 Resp: 308636
Ion Ratio Lower Upper
98 100
100 71.3 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 35.237 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.04 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Tgt Ion: 95 Resp: 126852
Ion Ratio Lower Upper
95 100
174 65.7 0.0 138.2
176 65.3 0.0 146.2

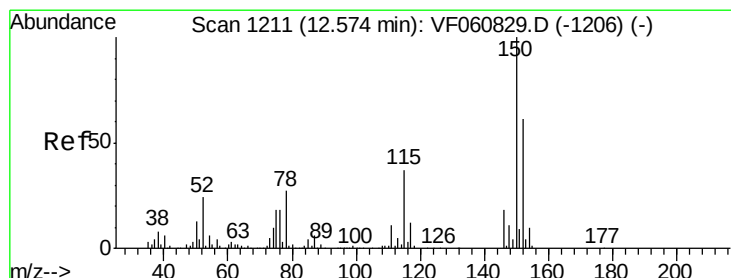
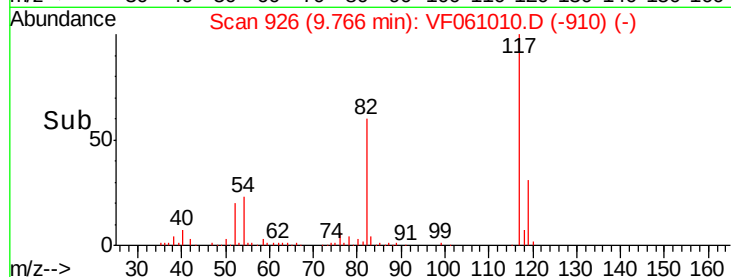
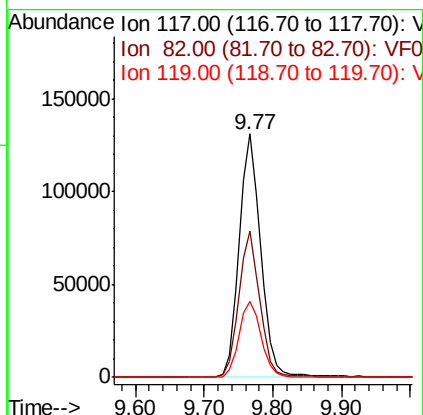
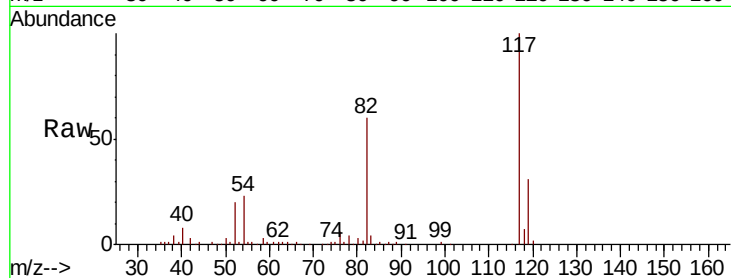




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.05 min
Lab File: VF061010.D
Acq: 12 Dec 2018 22:07

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.1	46.6	69.8
119	31.1	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: VF061010.D
Acq: 12 Dec 2018 22:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	30.1	90.5
150	151.2	0.0	327.6

