

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
 Data File : VF060965.D
 Acq On : 10 Dec 2018 20:44
 Operator : VA/AP
 Sample : J6214-43
 Misc : 4.72g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-5(12.5-14.5)

Quant Time: Dec 11 06:34:18 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	236420	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	391258	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	340568	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	168392	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	127518	45.79	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	91.58%	
35) Dibromofluoromethane	4.11	113	139966	45.09	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	90.18%	
50) Toluene-d8	7.55	98	321492	35.16	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	70.32%	
62) 4-Bromofluorobenzene	11.41	95	150397	36.19	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	72.38%	

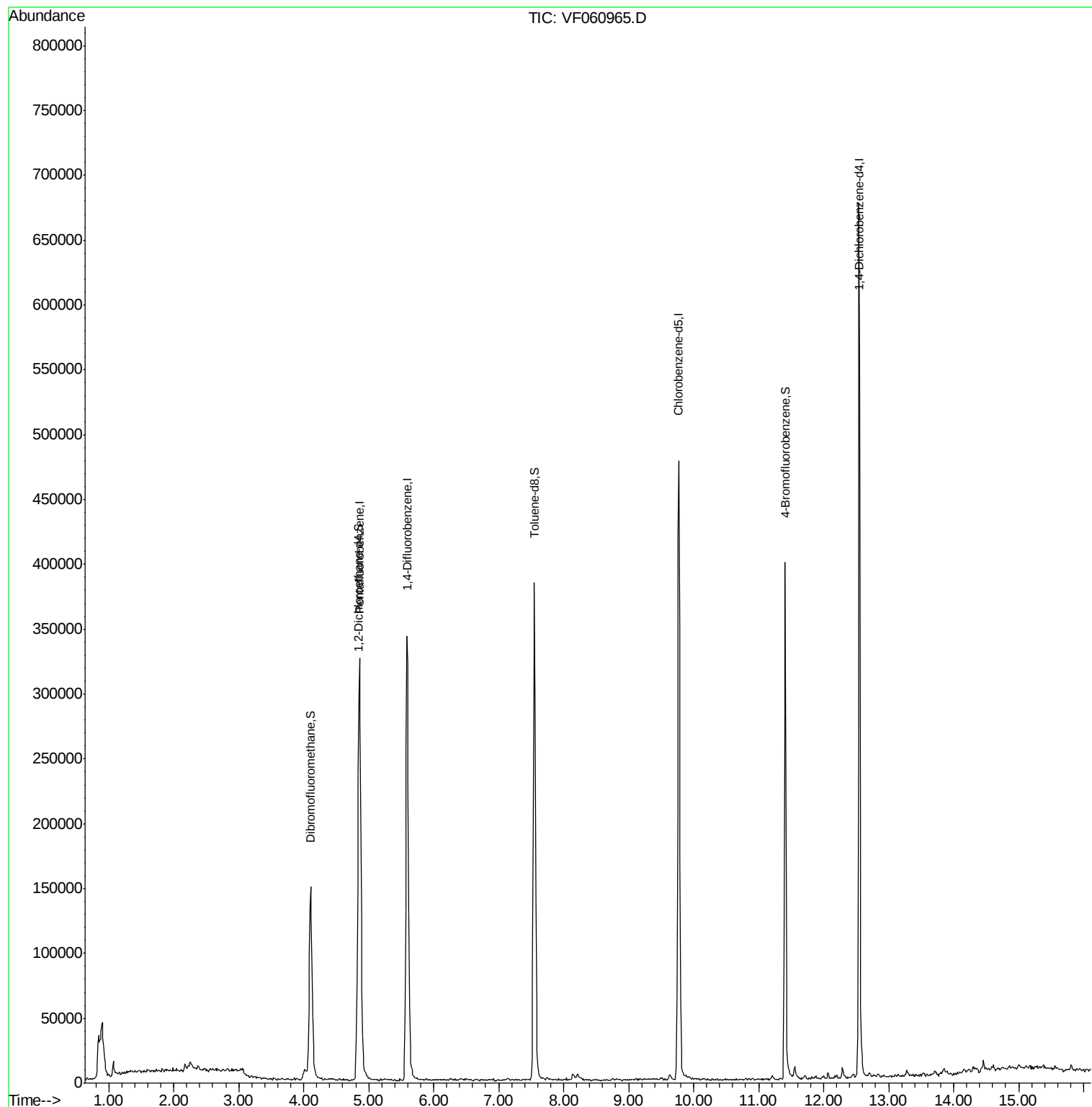
Target Compounds	Qvalue

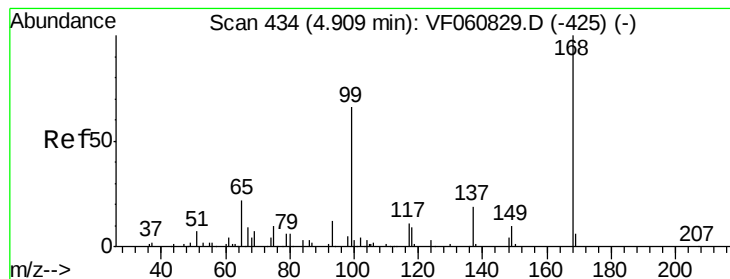
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
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Quant Title : SW846 8260
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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: VF060965.D

Acq: 10 Dec 2018 20:44

Instrument :

MSVOA_F

ClientSampleId :

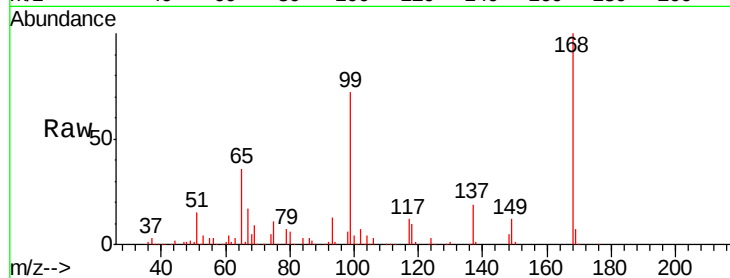
SB-5(12.5-14.5)

Tgt Ion:168 Resp: 236420

Ion Ratio Lower Upper

168 100

99 71.6 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

80000

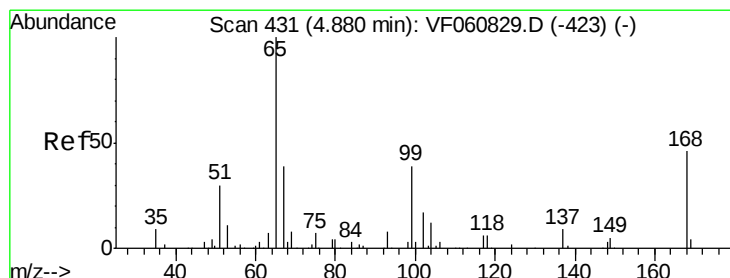
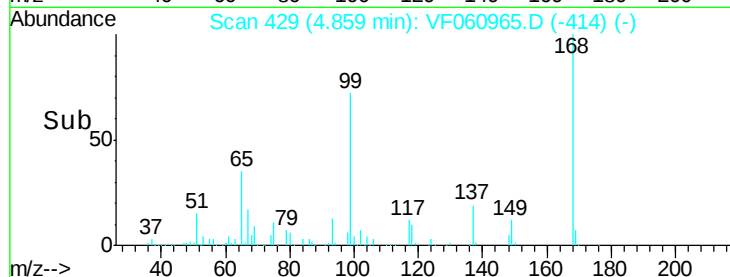
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.786 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF060965.D

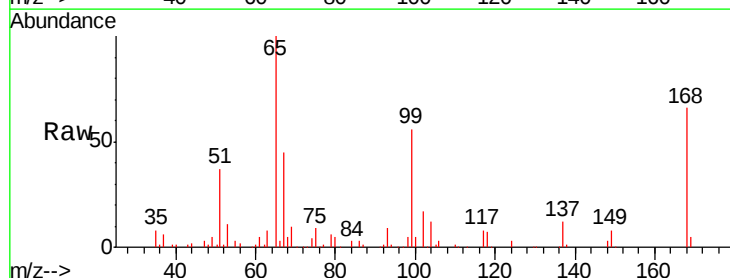
Acq: 10 Dec 2018 20:44

Tgt Ion: 65 Resp: 127518

Ion Ratio Lower Upper

65 100

67 44.7 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

50000

40000

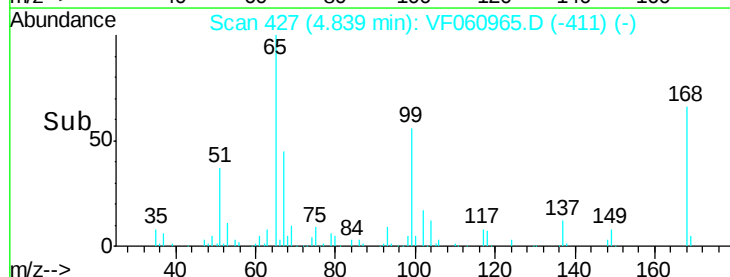
30000

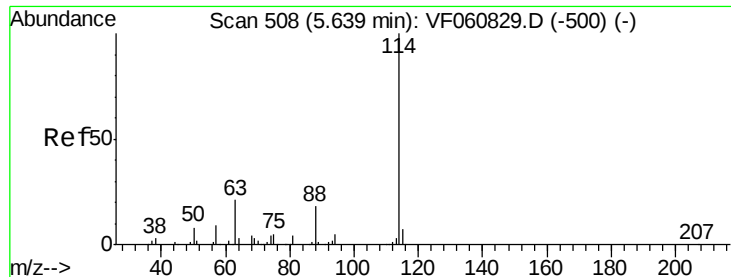
20000

10000

0

Time-->

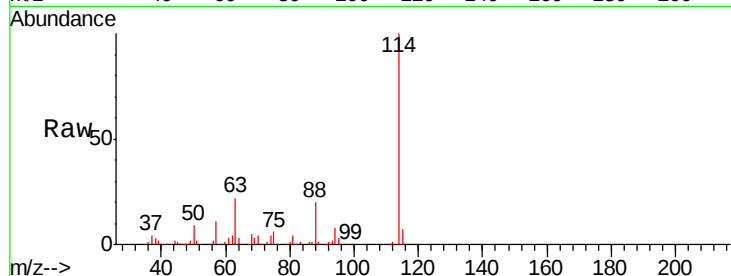




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.05 min
 Lab File: VF060965.D
 Acq: 10 Dec 2018 20:44

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-5(12.5-14.5)

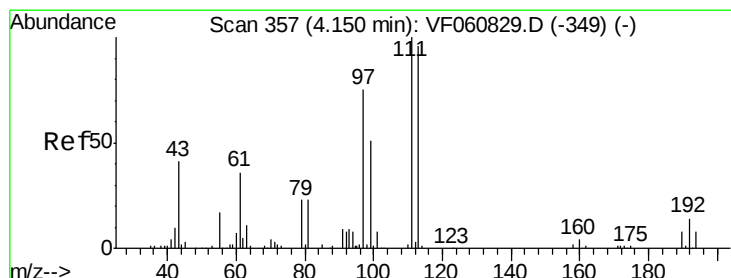
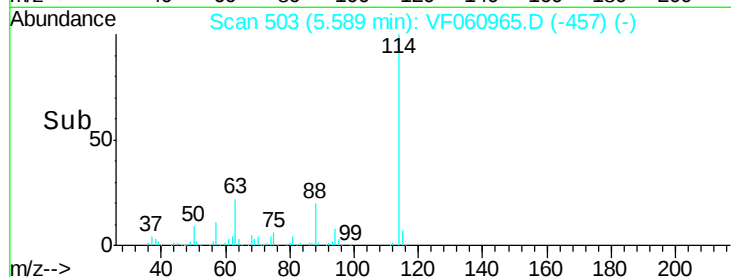
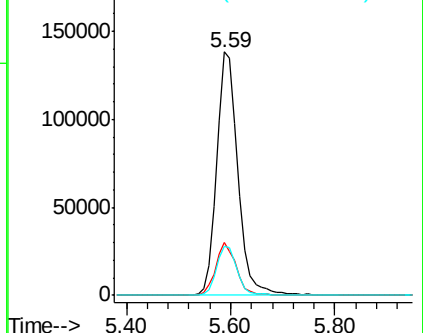
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	41.6
88	20.1	0.0	36.6



Abundance Ion 114.00 (113.70 to 114.70): V

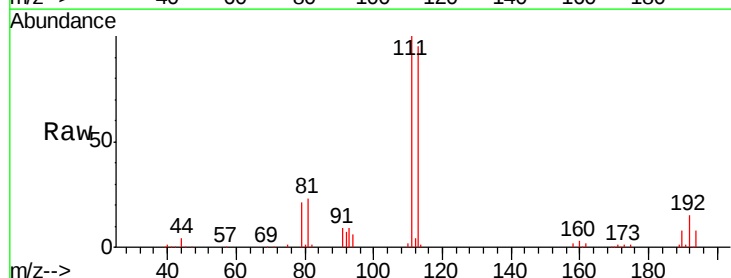
Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35
 Dibromofluoromethane
 Concen: 45.093 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.04 min
 Lab File: VF060965.D
 Acq: 10 Dec 2018 20:44

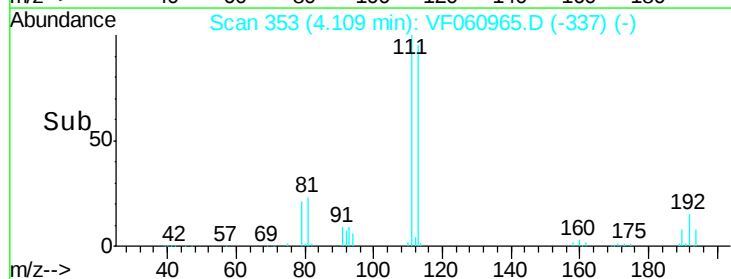
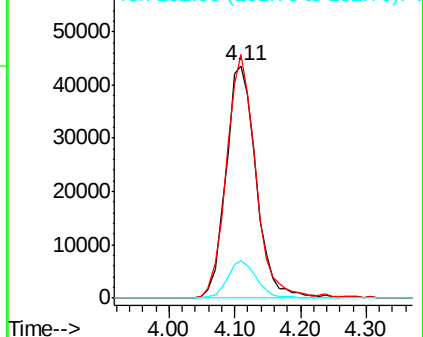
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.9	83.0	124.6
192	15.9	12.3	18.5

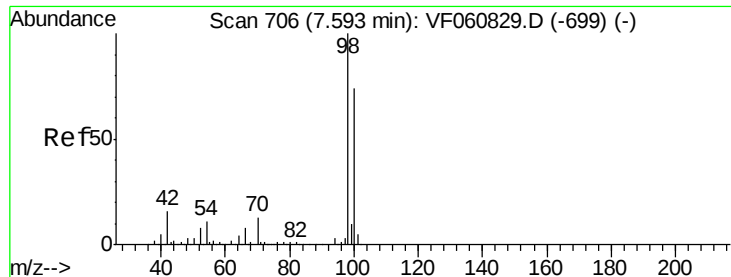


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

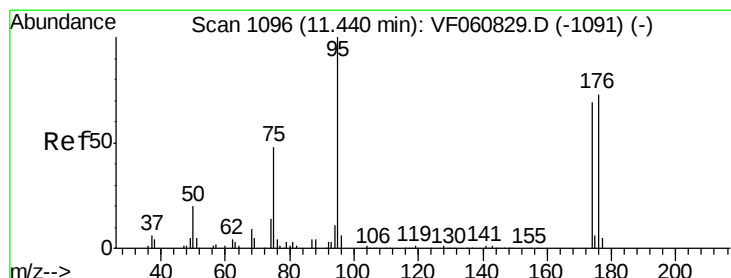
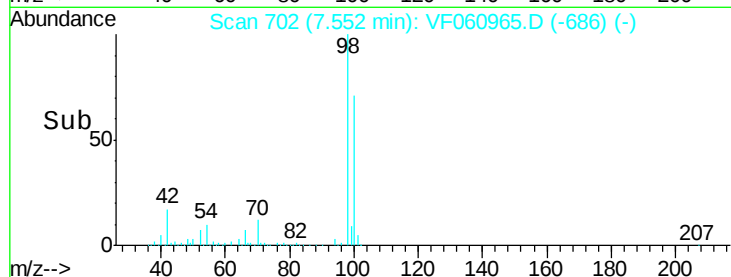
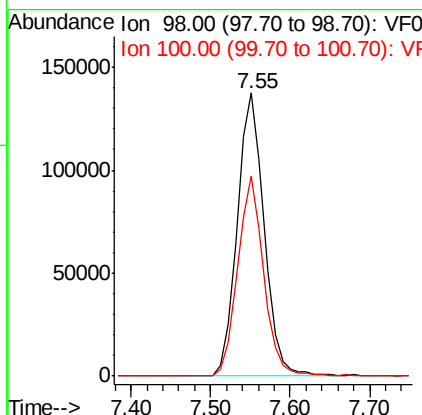
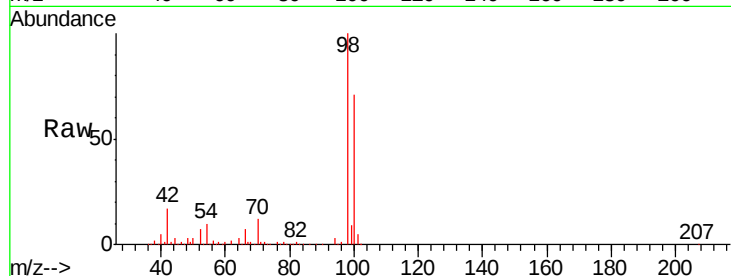




#50
Toluene-d8
Concen: 35.161 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060965.D
Acq: 10 Dec 2018 20:44

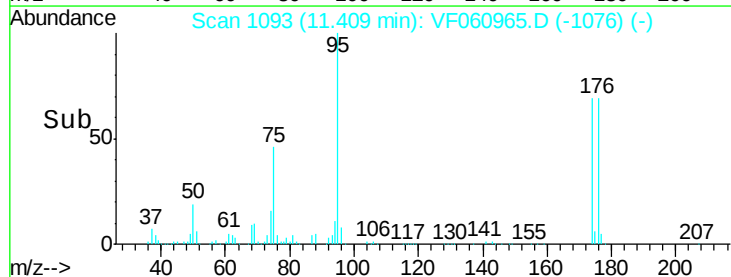
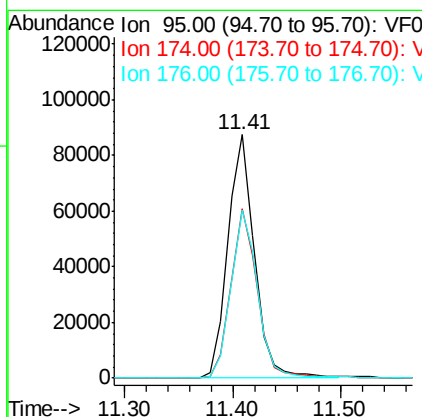
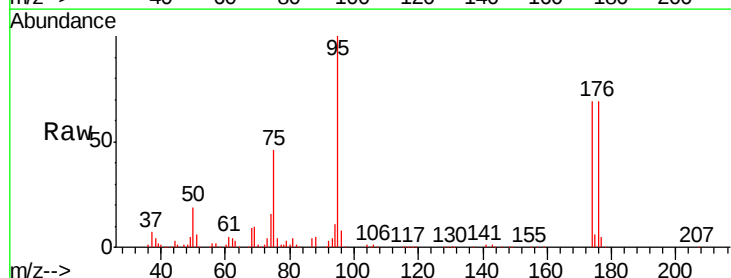
Instrument :
MSVOA_F
ClientSampleId :
SB-5(12.5-14.5)

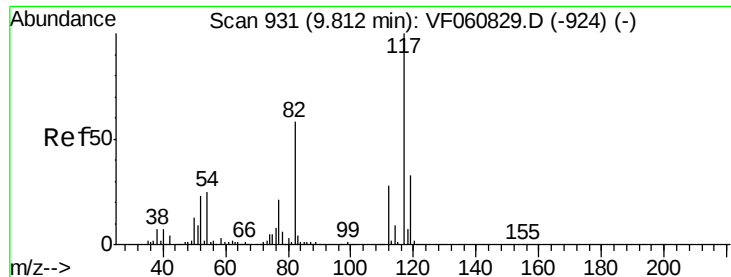
Tgt Ion: 98 Resp: 321492
Ion Ratio Lower Upper
98 100
100 70.6 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 36.192 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060965.D
Acq: 10 Dec 2018 20:44

Tgt Ion: 95 Resp: 150397
Ion Ratio Lower Upper
95 100
174 69.5 0.0 138.2
176 68.9 0.0 146.2

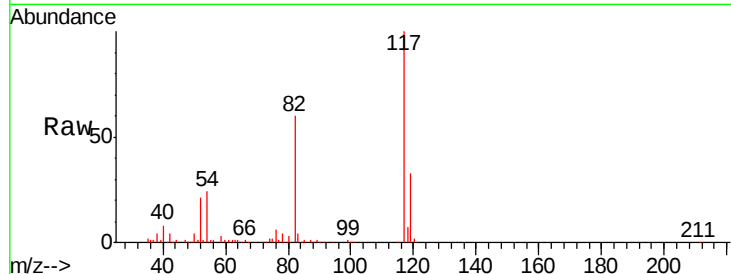




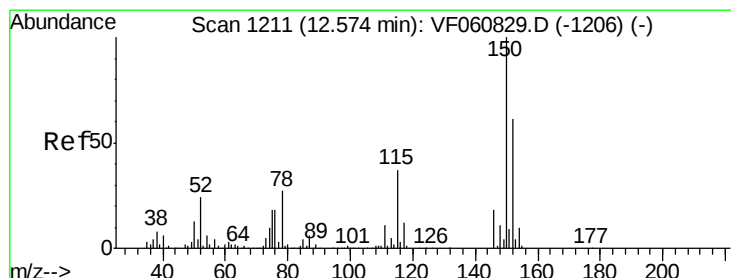
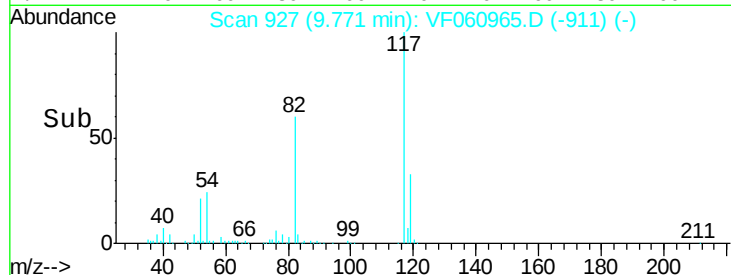
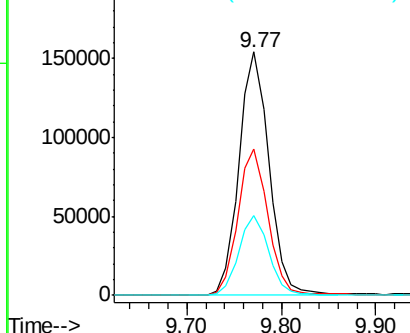
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060965.D
Acq: 10 Dec 2018 20:44

Instrument :
MSVOA_F
ClientSampleId :
SB-5(12.5-14.5)

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.8	46.6	69.8
119	32.7	26.4	39.6

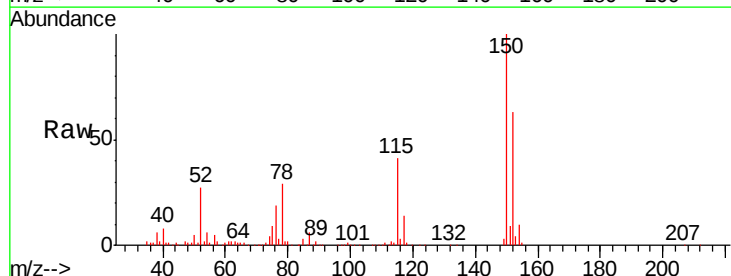


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060965.D
Acq: 10 Dec 2018 20:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.7	30.1	90.5
150	159.1	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

