

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120718\
 Data File : VF060945.D
 Acq On : 7 Dec 2018 22:56
 Operator : VA/AP
 Sample : J6260-10
 Misc : 5.01g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-04-6.5-7.0

Quant Time: Dec 08 03:58:18 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	4.85	168	188791	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	5.58	114	305563	50.00	ug/l	-0.06
63) Chlorobenzene-d5	9.75	117	244222	50.00	ug/l	-0.06
72) 1,4-Dichlorobenzene-d4	12.54	152	78785	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	108705	48.88	ug/l	-0.06
Spiked Amount	50.000		Recovery	=	97.76%	
35) Dibromofluoromethane	4.09	113	120851	49.85	ug/l	-0.06
Spiked Amount	50.000		Recovery	=	99.70%	
50) Toluene-d8	7.53	98	256613	35.94	ug/l	-0.06
Spiked Amount	50.000		Recovery	=	71.88%	
62) 4-Bromofluorobenzene	11.40	95	90148	27.78	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	55.56%	

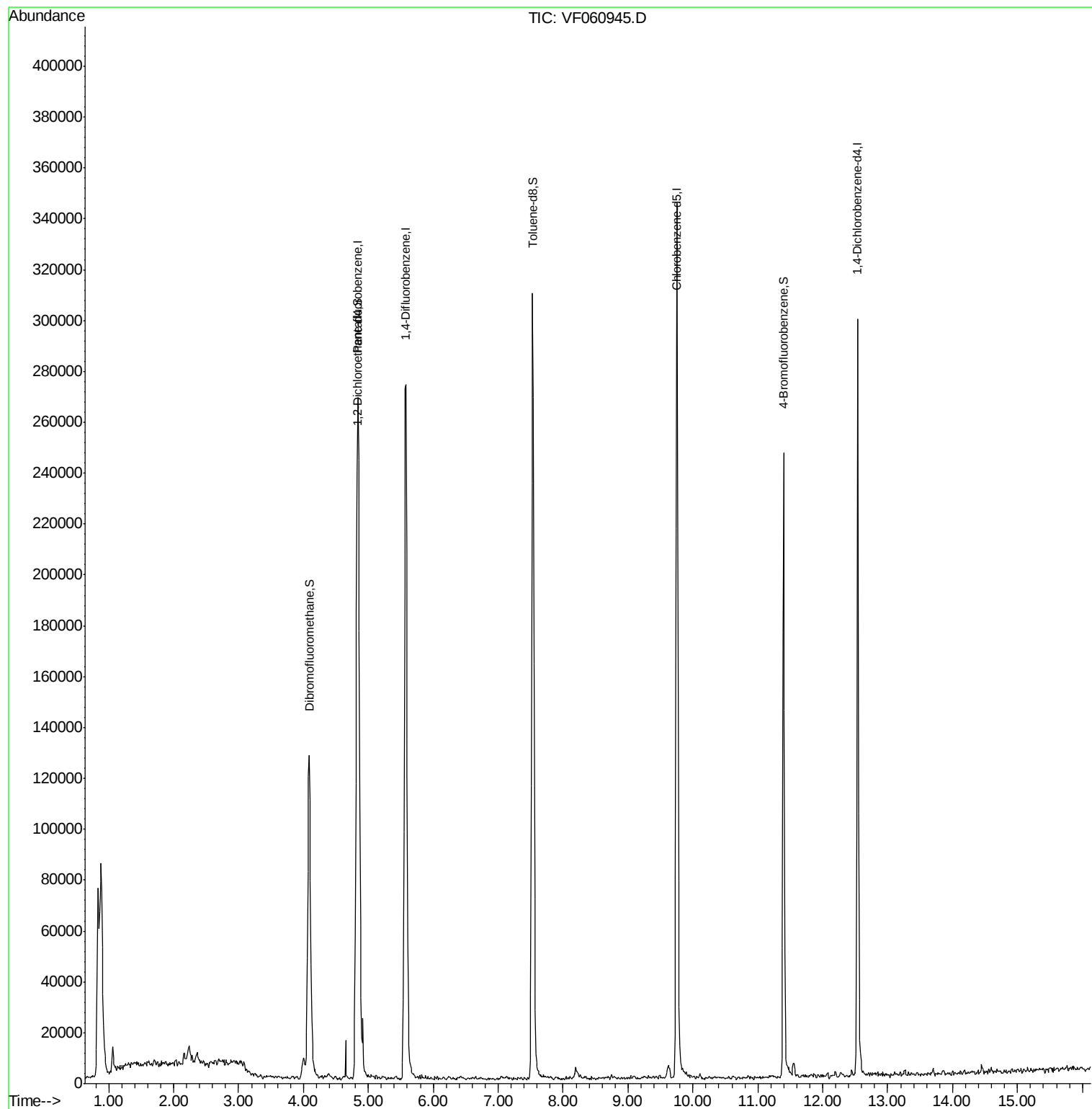
Target Compounds	Qvalue

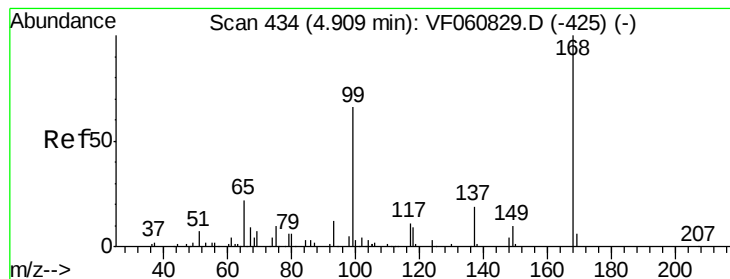
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.06 min

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Instrument :

MSVOA_F

ClientSampleId :

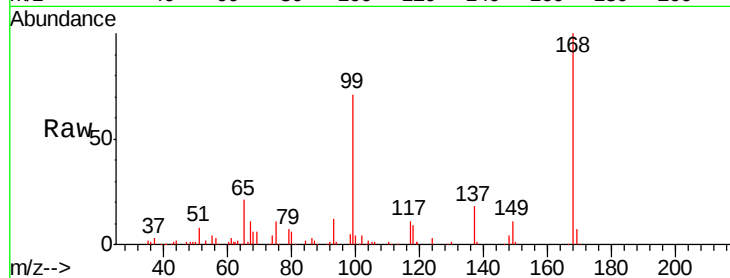
SB-04-6.5-7.0

Tgt Ion:168 Resp: 188791

Ion Ratio Lower Upper

168 100

99 71.1 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

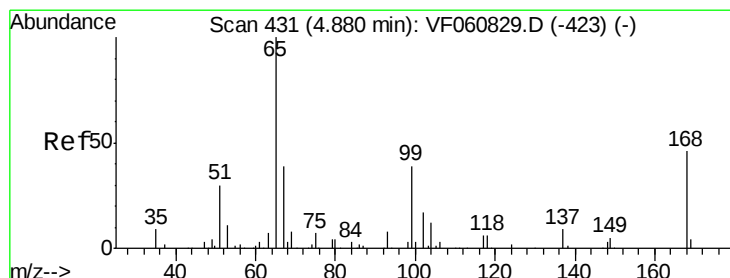
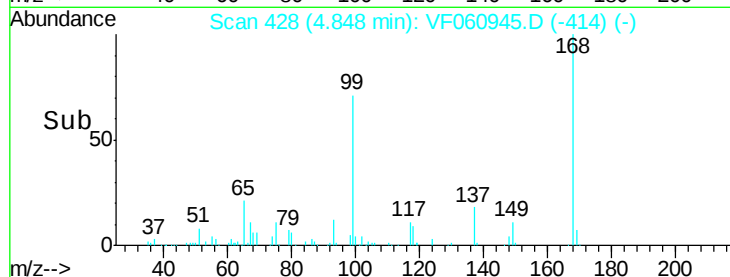
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 48.878 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.06 min

Lab File: VF060945.D

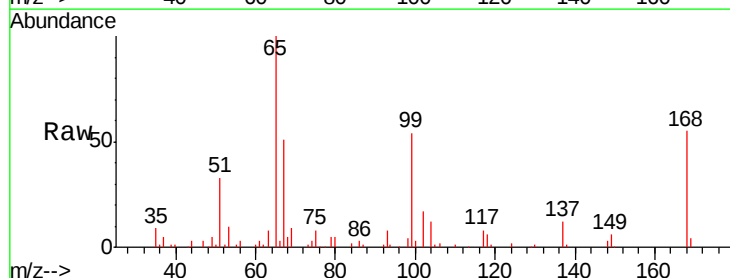
Acq: 7 Dec 2018 22:56

Tgt Ion: 65 Resp: 108705

Ion Ratio Lower Upper

65 100

67 50.9 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.82

40000

30000

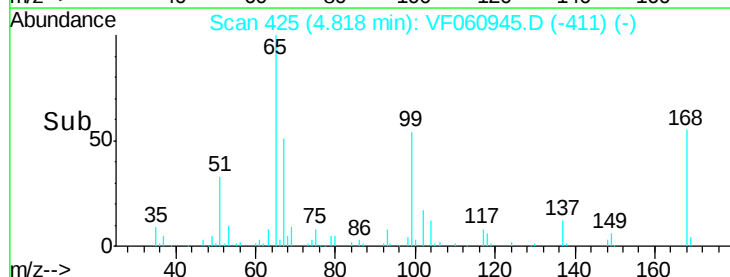
20000

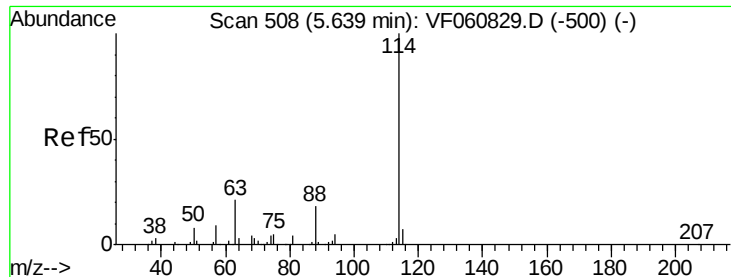
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.06 min

Lab File: VF060945.D

Acq: 7 Dec 2018 22:56

Instrument :

MSVOA_F

ClientSampleId :

SB-04-6.5-7.0

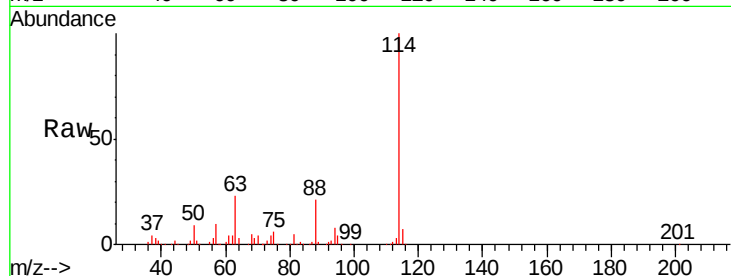
Tgt Ion:114 Resp: 305563

Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.6

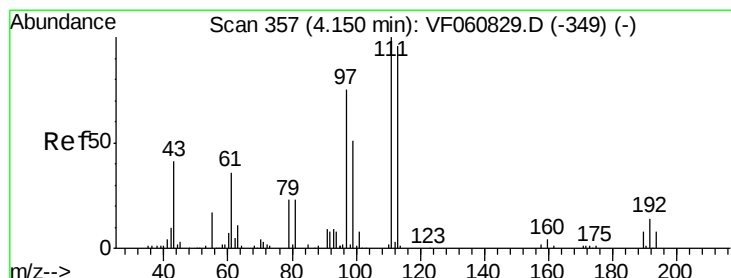
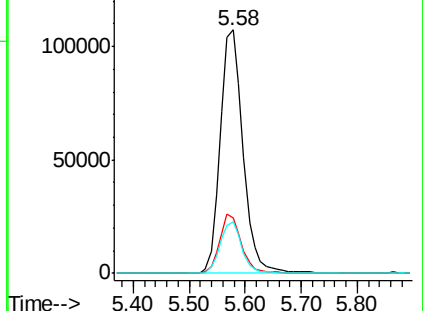
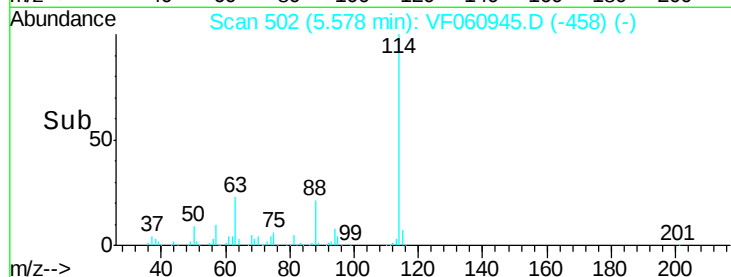
88 21.1 0.0 36.6



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: 49.854 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.06 min

Lab File: VF060945.D

Acq: 7 Dec 2018 22:56

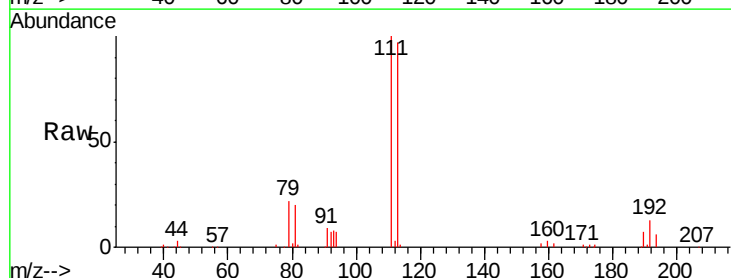
Tgt Ion:113 Resp: 120851

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.6

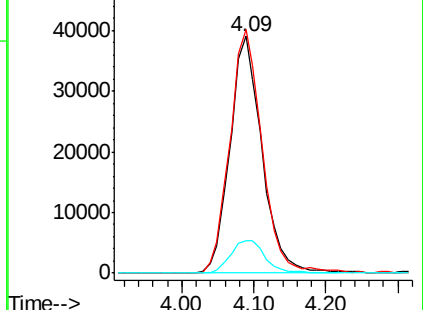
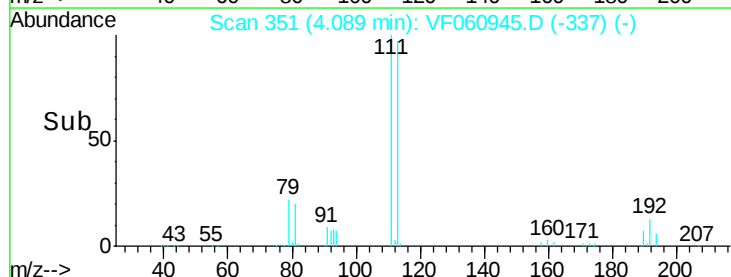
192 13.5 12.3 18.5

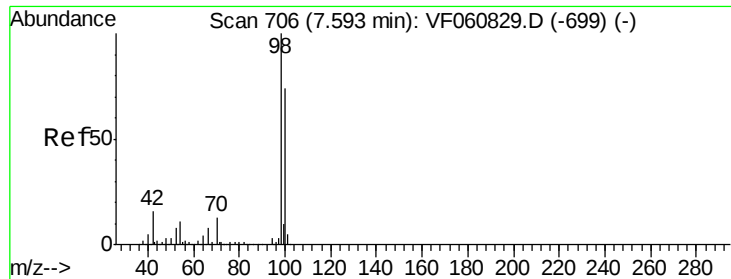


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

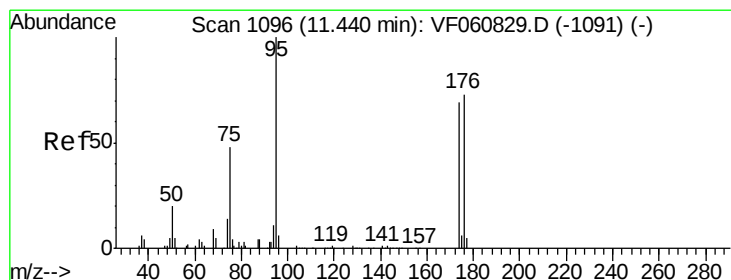
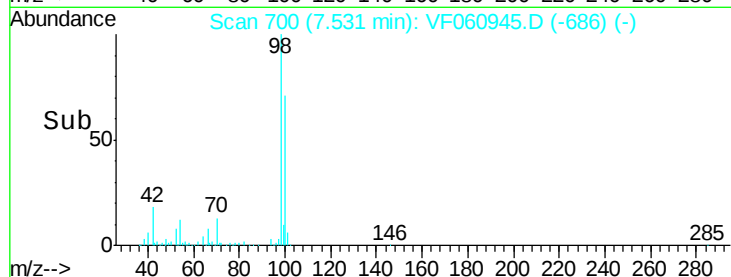
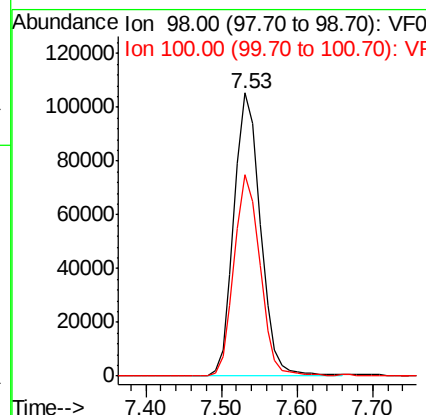
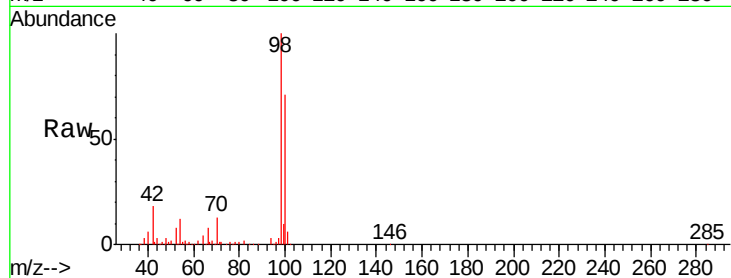




#50
Toluene-d8
Concen: 35.937 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.06 min
Lab File: VF060945.D
Acq: 7 Dec 2018 22:56

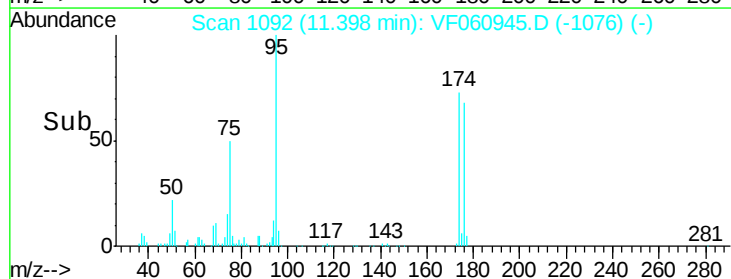
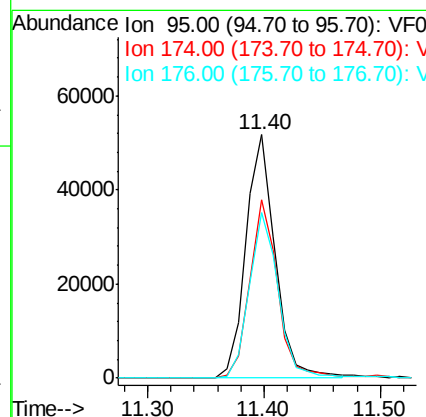
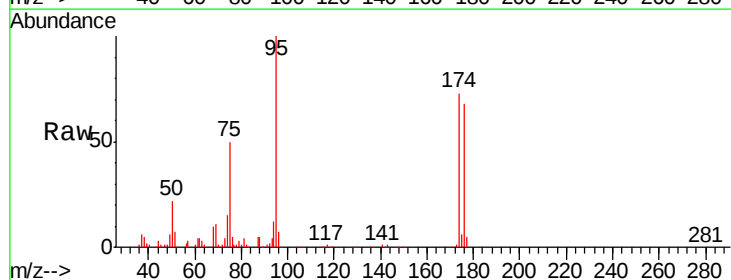
Instrument :
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SB-04-6.5-7.0

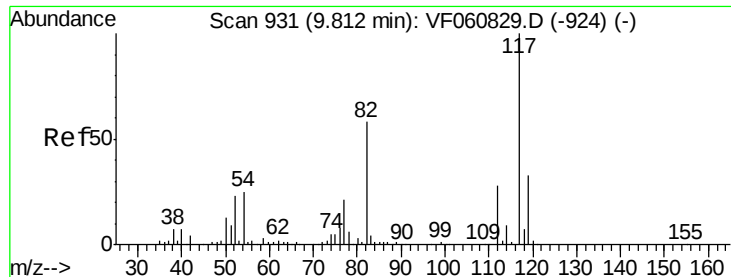
Tgt Ion: 98 Resp: 256613
Ion Ratio Lower Upper
98 100
100 71.0 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 27.778 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.04 min
Lab File: VF060945.D
Acq: 7 Dec 2018 22:56

Tgt Ion: 95 Resp: 90148
Ion Ratio Lower Upper
95 100
174 73.3 0.0 138.2
176 68.1 0.0 146.2

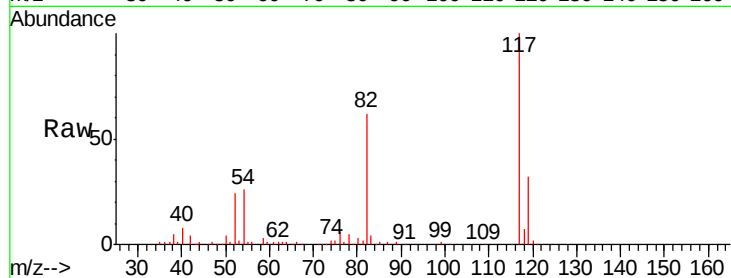




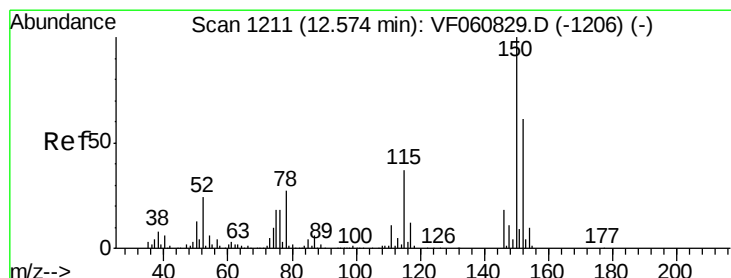
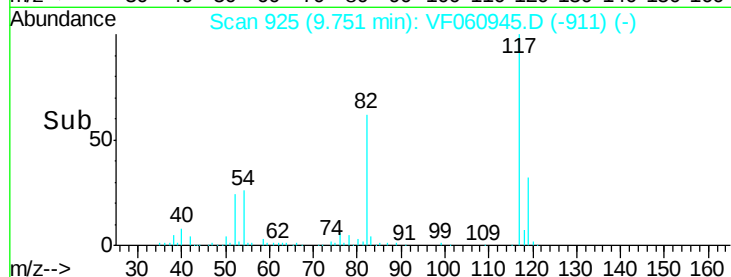
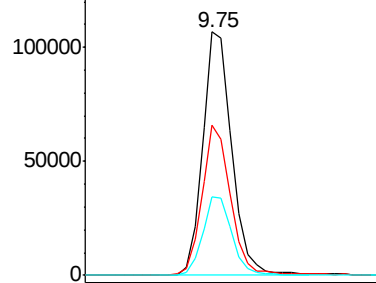
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.06 min
Lab File: VF060945.D
Acq: 7 Dec 2018 22:56

Instrument :
MSVOA_F
ClientSampleId :
SB-04-6.5-7.0

Tgt Ion:117 Resp: 244222
Ion Ratio Lower Upper
117 100
82 61.8 46.6 69.8
119 32.0 26.4 39.6

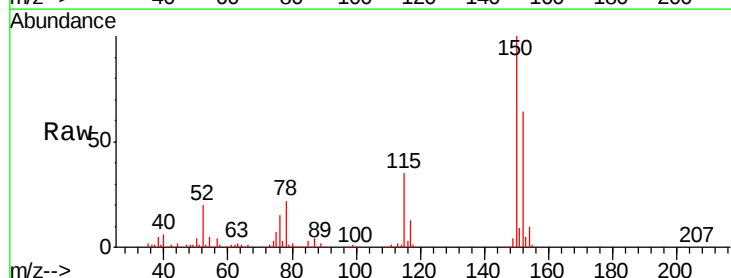


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060945.D
Acq: 7 Dec 2018 22:56

Tgt Ion:152 Resp: 78785
Ion Ratio Lower Upper
152 100
115 55.6 30.1 90.5
150 156.8 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

