

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
 Data File : VF060927.D
 Acq On : 6 Dec 2018 20:01
 Operator : VA/AP
 Sample : J6214-21
 Misc : 5.52g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-8-(0-2)

Quant Time: Dec 07 00:37:35 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	82474	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	130971	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.78	117	105502	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	38444	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	42478	43.72	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	87.44%	
35) Dibromofluoromethane	4.11	113	48235	46.42	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	92.84%	
50) Toluene-d8	7.56	98	107715	35.19	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	70.38%	
62) 4-Bromofluorobenzene	11.41	95	41072	29.53	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	59.06%	

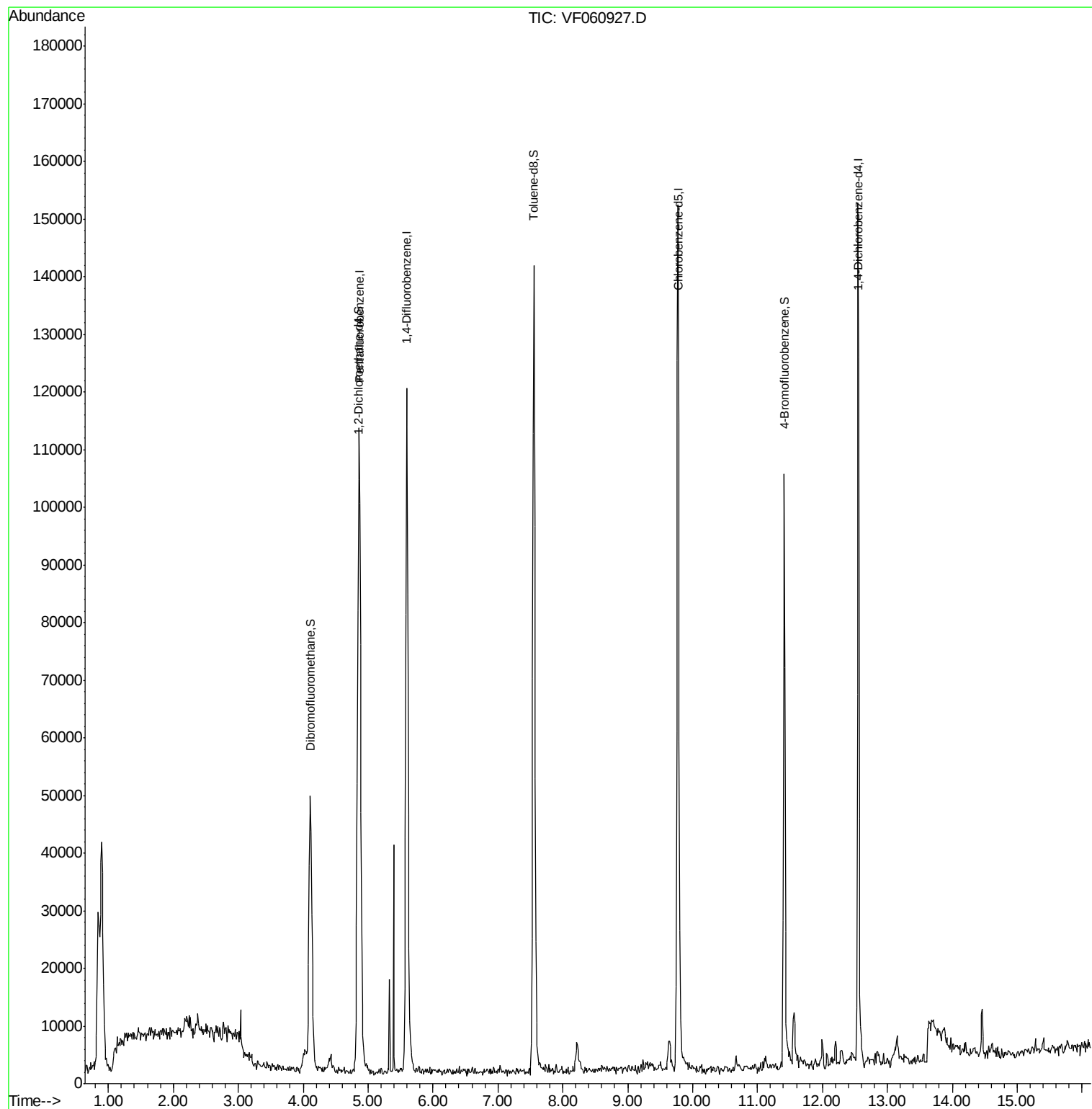
Target Compounds	Qvalue

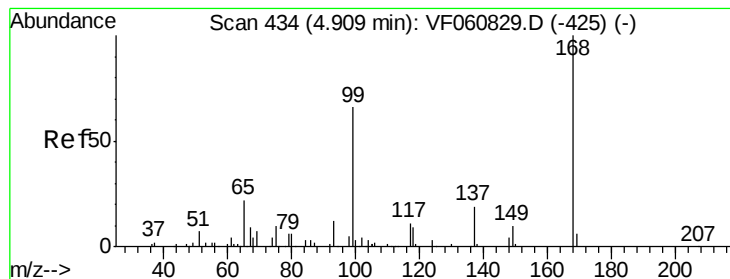
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF060927.D

Acq: 6 Dec 2018 20:01

Instrument :

MSVOA_F

ClientSampleId :

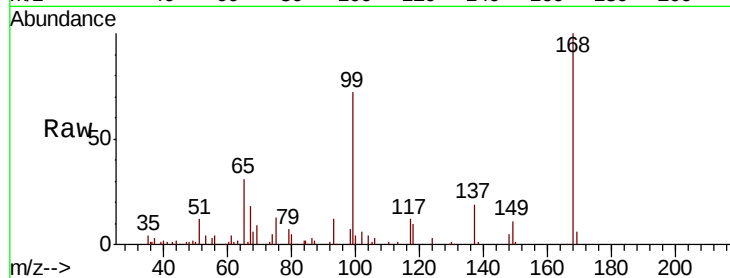
SB-8-(0-2)

Tot Ion:168 Resp: 82474

Ion Ratio Lower Upper

168 100

99 71.9 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

25000

20000

15000

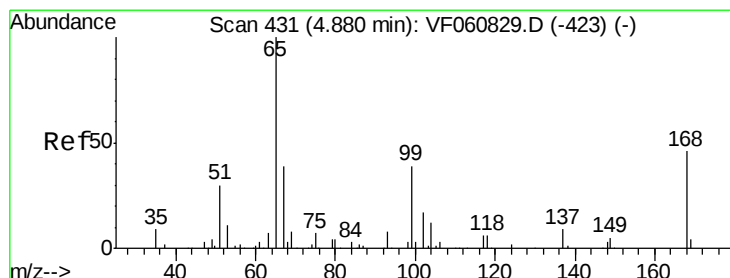
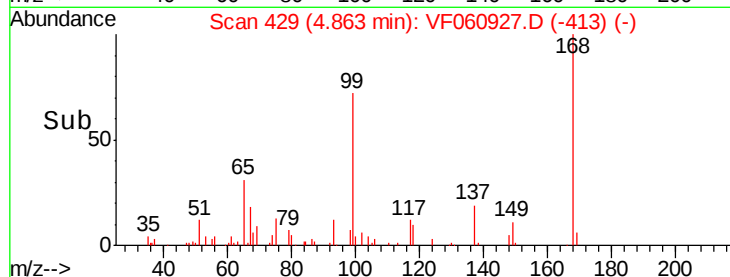
10000

5000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.721 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF060927.D

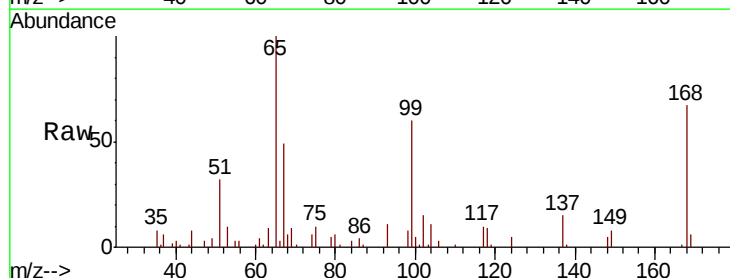
Acq: 6 Dec 2018 20:01

Tgt Ion: 65 Resp: 42478

Ion Ratio Lower Upper

65 100

67 49.3 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

15000

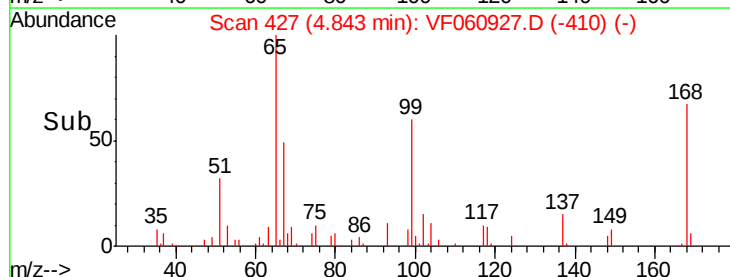
10000

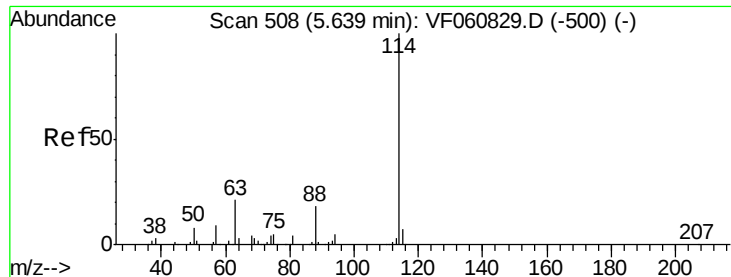
5000

0

4.70 4.80 4.90 5.00

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.05 min

Lab File: VF060927.D

Acq: 6 Dec 2018 20:01

Instrument :

MSVOA_F

ClientSampleId :

SB-8-(0-2)

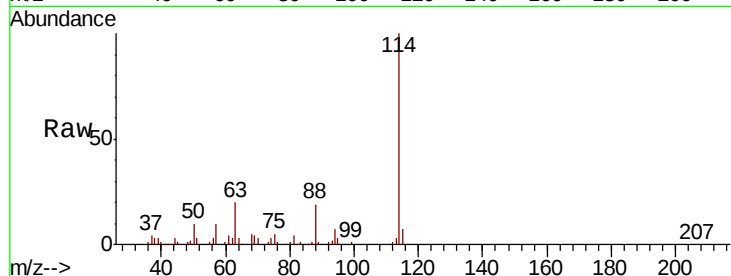
Tot Ion:114 Resp: 130971

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.6

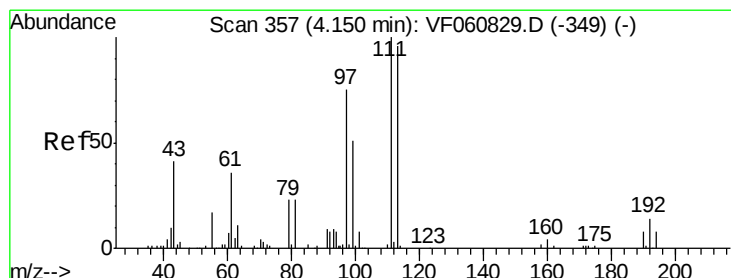
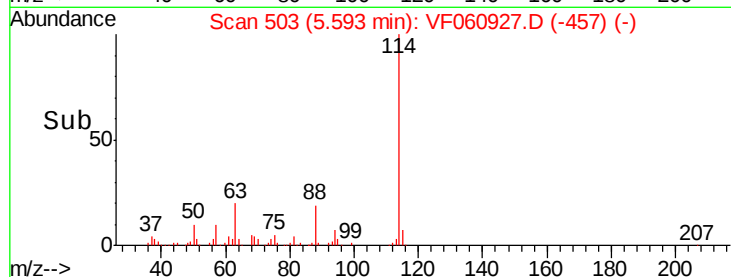
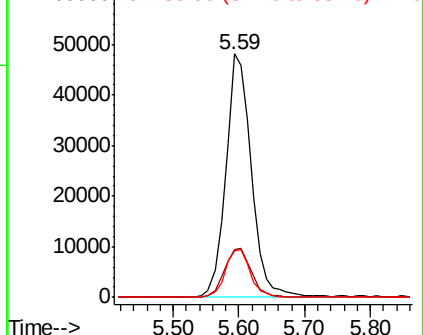
88 18.9 0.0 36.6



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: 46.423 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.04 min

Lab File: VF060927.D

Acq: 6 Dec 2018 20:01

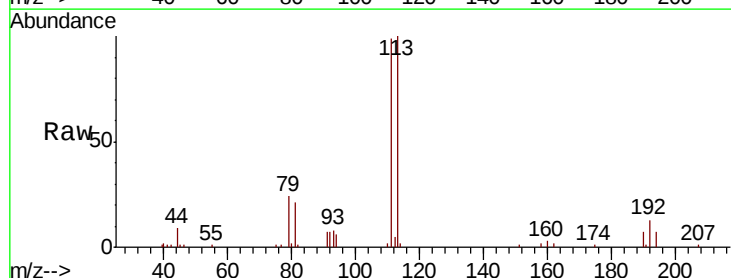
Tgt Ion:113 Resp: 48235

Ion Ratio Lower Upper

113 100

111 99.1 83.0 124.6

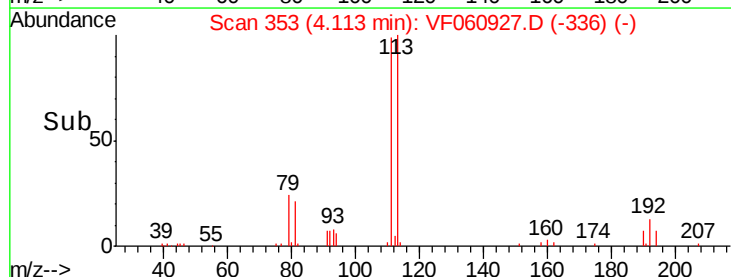
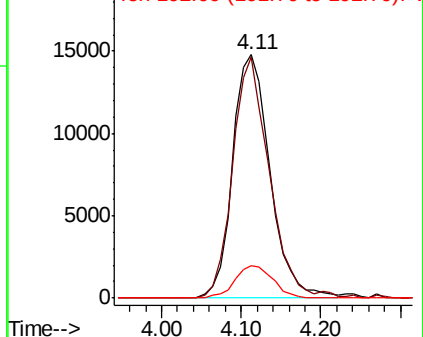
192 13.1 12.3 18.5

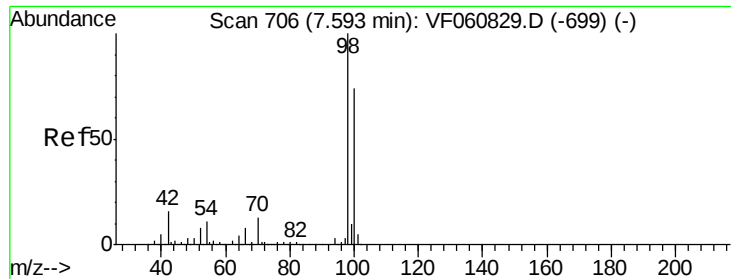


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

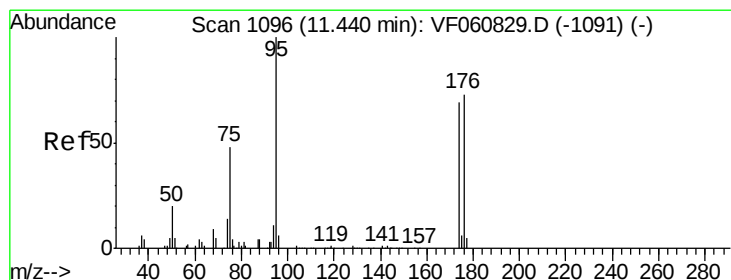
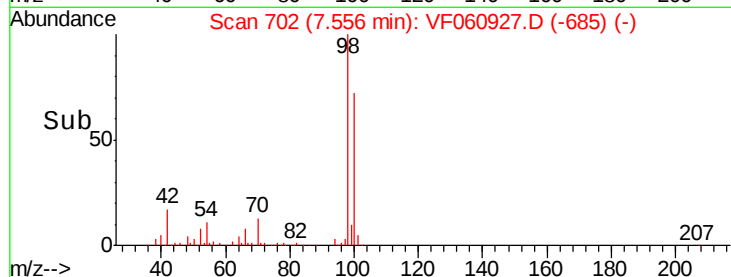
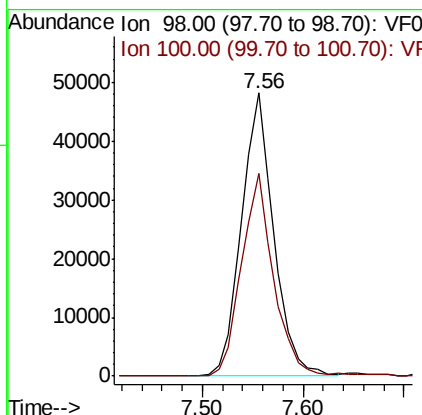
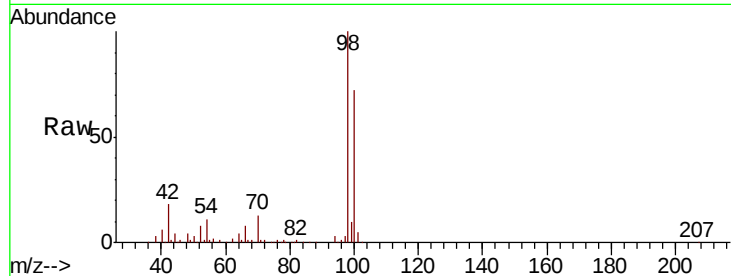




#50
Toluene-d8
Concen: 35.193 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

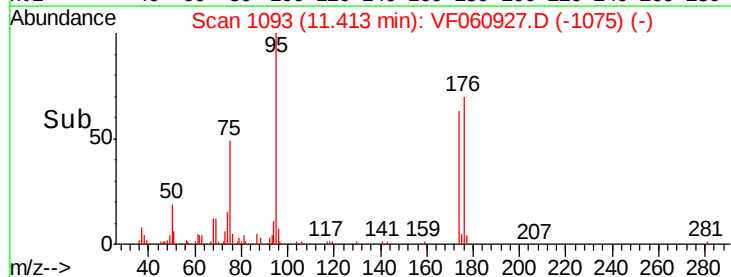
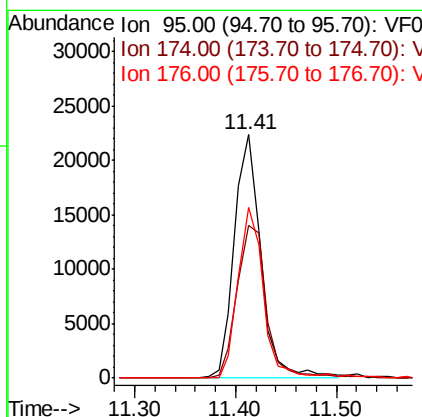
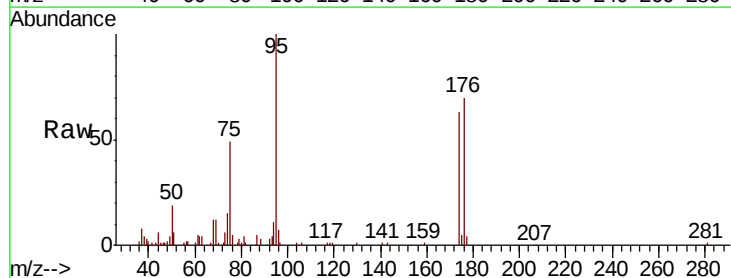
Instrument :
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SB-8-(0-2)

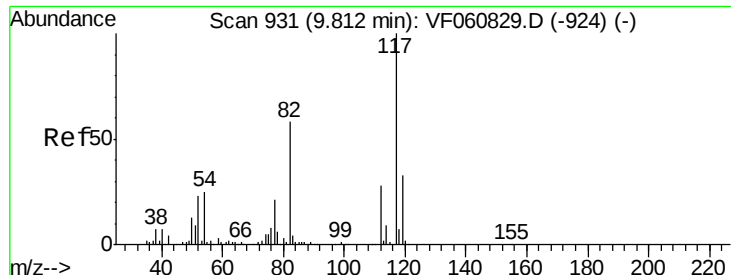
Tot Ion: 98 Resp: 107715
Ion Ratio Lower Upper
98 100
100 71.7 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 29.526 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

Tgt Ion: 95 Resp: 41072
Ion Ratio Lower Upper
95 100
174 62.8 0.0 138.2
176 69.8 0.0 146.2

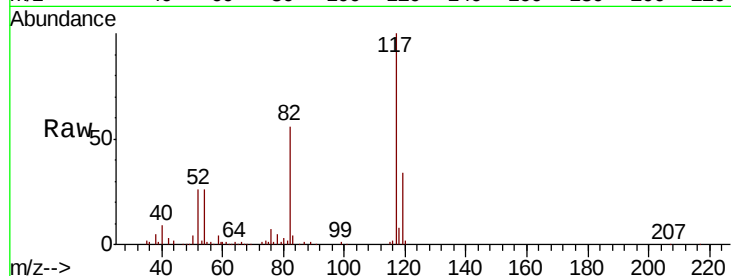




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

Instrument :
MSVOA_F
ClientSampleId :
SB-8-(0-2)

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	46.6	69.8
119	33.9	26.4	39.6

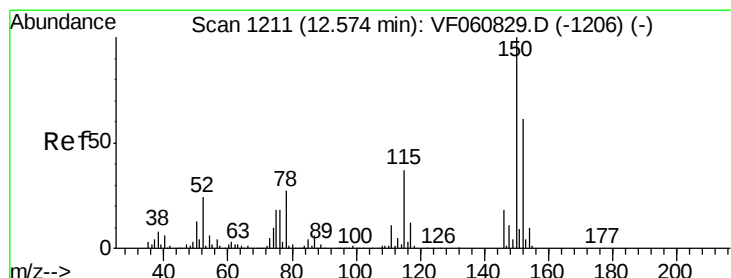
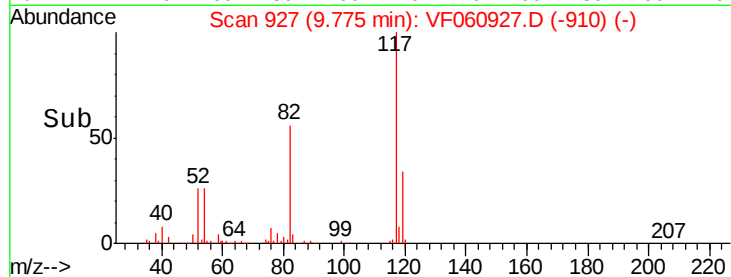
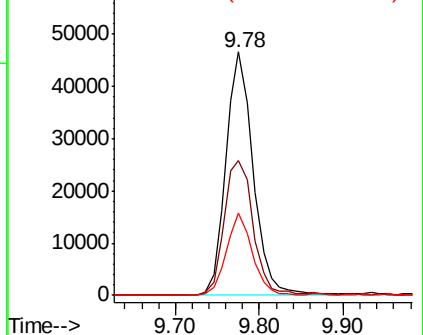


Abundance

Ion 117.00 (116.70 to 117.70): V

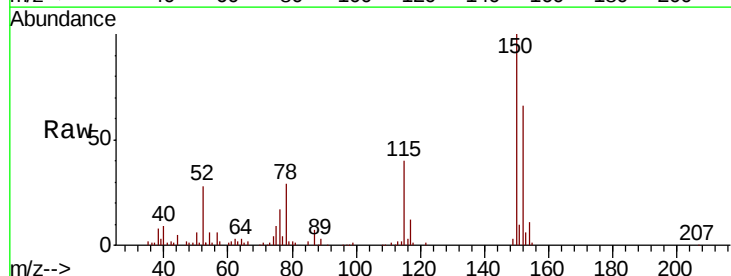
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.1	90.5
150	150.7	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

