

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011019\
 Data File : VF061350.D
 Acq On : 10 Jan 2019 18:11
 Operator : VA/AP
 Sample : K1087-16
 Misc : 6.21g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

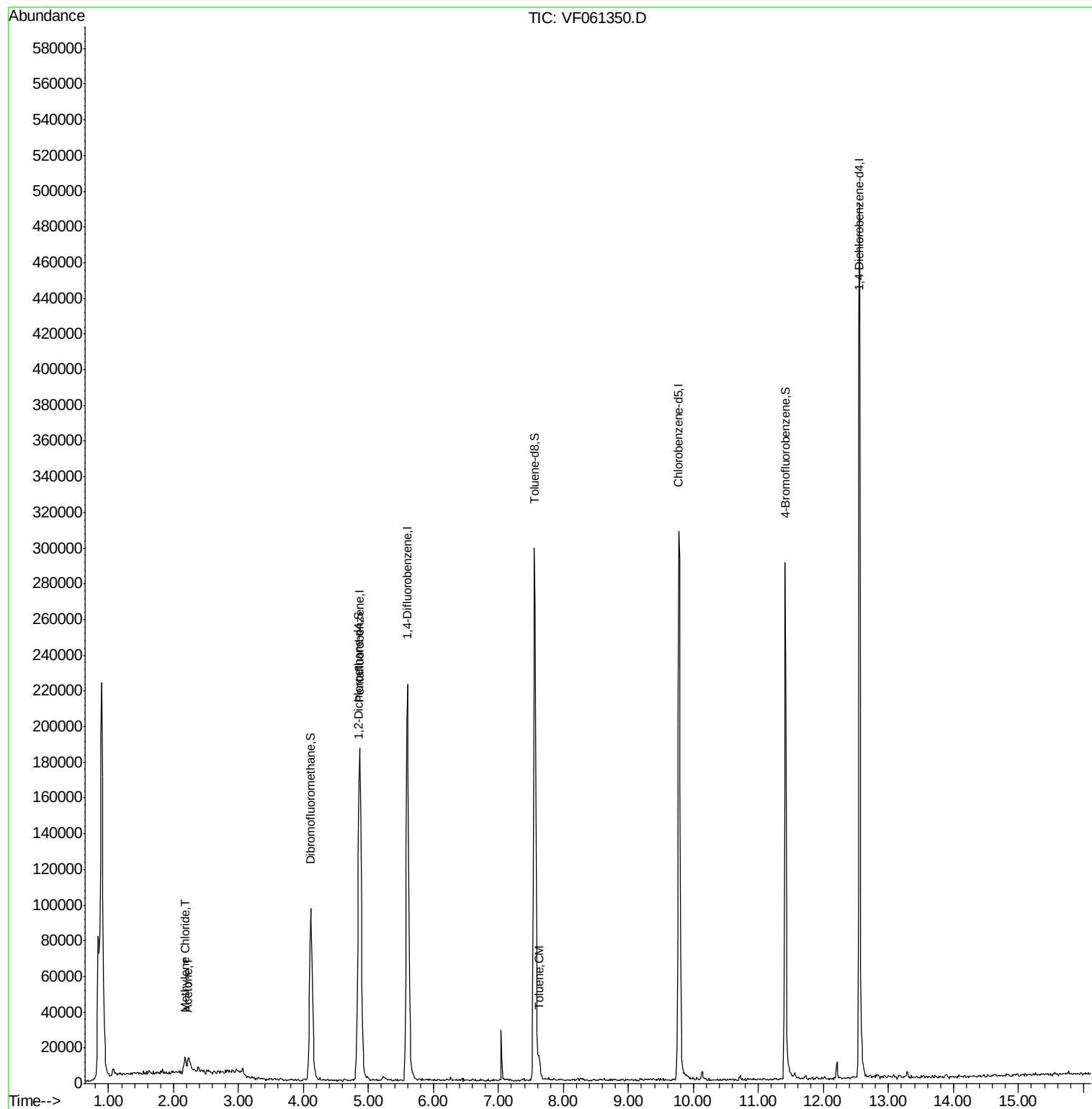
Quant Time: Jan 11 01:06:19 2019
 Quant Method : Z:\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

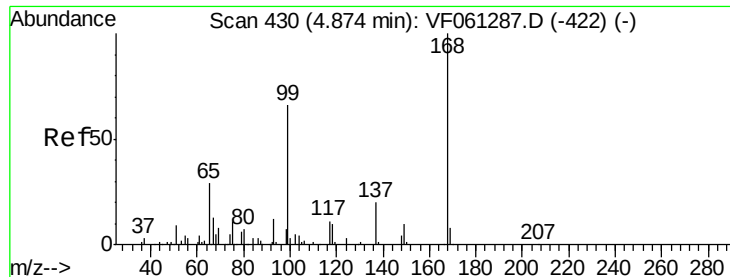
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	140129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	255749	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	229064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	123820	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	85958	55.11	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	110.22%	
35) Dibromofluoromethane	4.11	113	93221	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	7.55	98	254674	43.98	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	87.96%	
62) 4-Bromofluorobenzene	11.41	95	114879	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.86%	
Target Compounds						
16) Acetone	2.23	43	7207	19.863	ug/l #	89
20) Methylene Chloride	2.18	84	7022m	4.575	ug/l	
52) Toluene	7.62	92	5344	1.192	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011019\
Data File : VF061350.D
Acq On : 10 Jan 2019 18:11
Operator : VA/AP
Sample : K1087-16
Misc : 6.21g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 11 01:06:19 2019
Quant Method : Z:\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.00 min

Lab File: VF061350.D

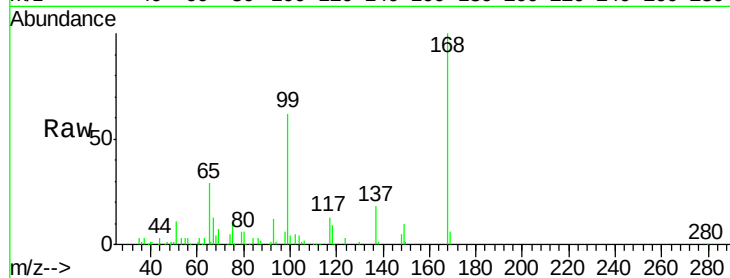
Acq: 10 Jan 2019 18:11

Tot Ion:168 Resp: 140129

Ion Ratio Lower Upper

168 100

99 62.2 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

50000

40000

30000

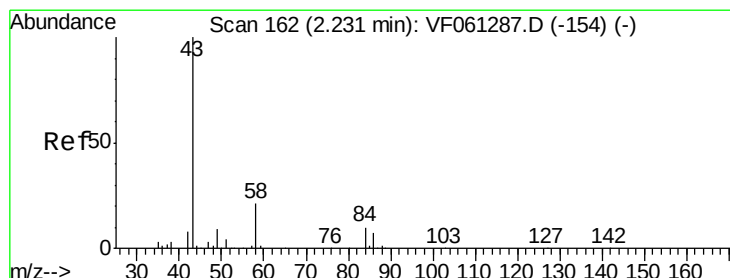
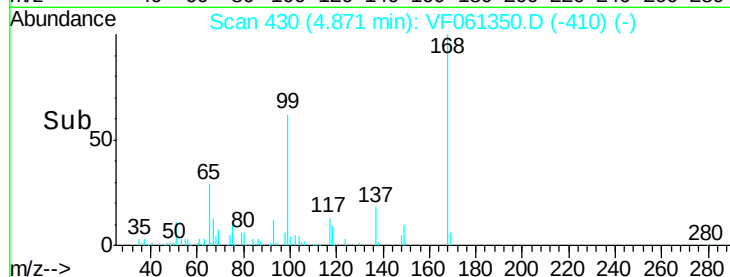
20000

10000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 19.863 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.00 min

Lab File: VF061350.D

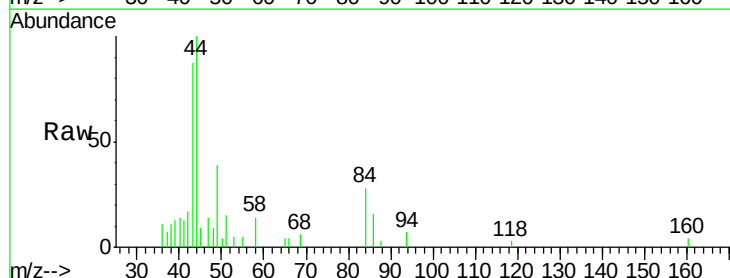
Acq: 10 Jan 2019 18:11

Tgt Ion: 43 Resp: 7207

Ion Ratio Lower Upper

43 100

58 15.8 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

3000

2500

2000

1500

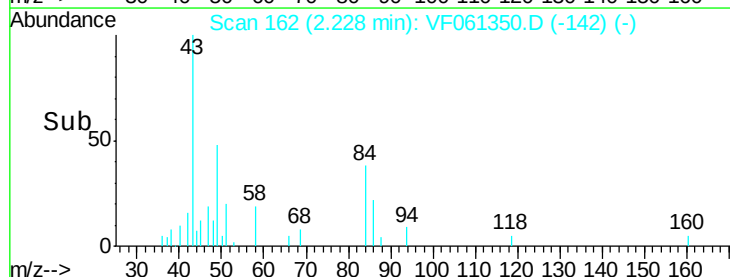
1000

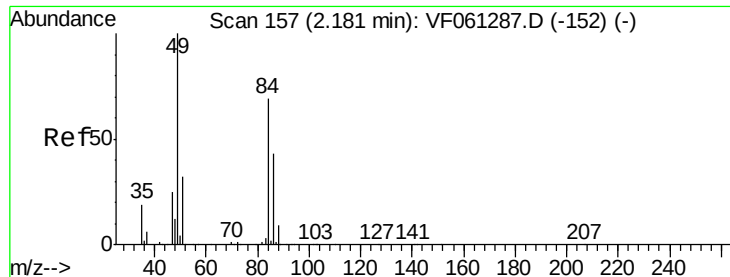
500

0

Time-->

2.15 2.20 2.25 2.30





#20

Methylene Chloride

Concen: 4.575 ug/l m

RT: 2.18 min Scan# 157

Delta R.T. -0.00 min

Lab File: VF061350.D

Acq: 10 Jan 2019 18:11

Tot Ion: 84 Resp: 7022

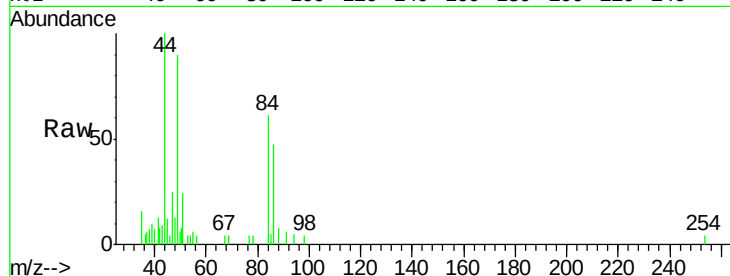
Ion	Ratio	Lower	Upper
84	100		
49	148.8	116.6	175.0
51	39.8	37.7	56.5
86	78.0	49.8	74.8

84 100

49 148.8 116.6 175.0

51 39.8 37.7 56.5

86 78.0 49.8 74.8

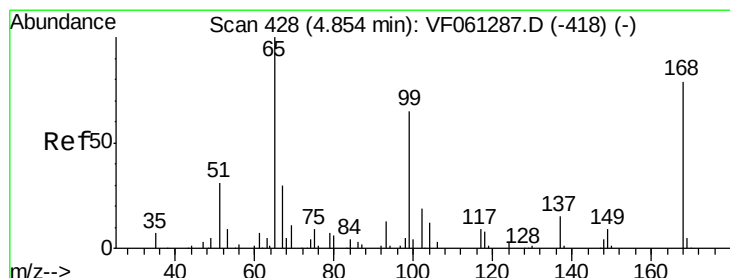
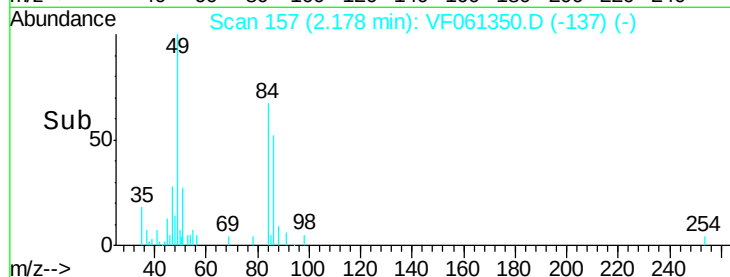
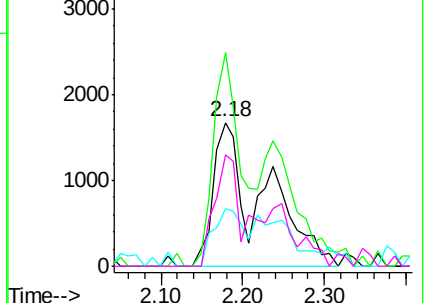


Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 55.111 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF061350.D

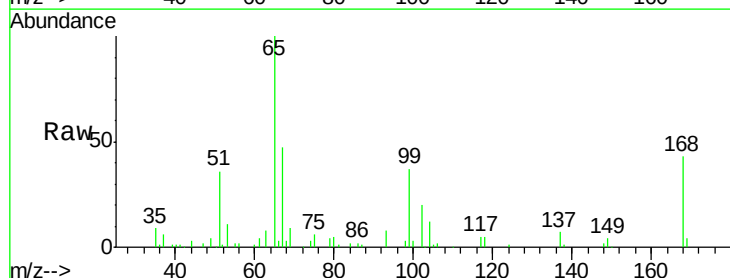
Acq: 10 Jan 2019 18:11

Tgt Ion: 65 Resp: 85958

Ion	Ratio	Lower	Upper
65	100		
67	46.7	0.0	98.2

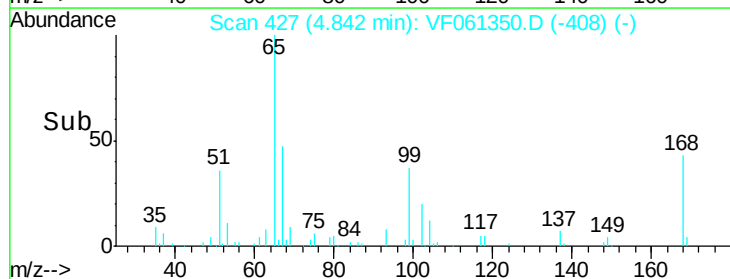
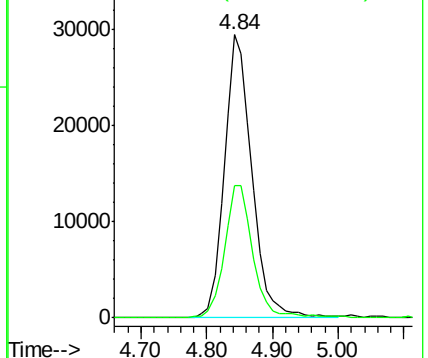
65 100

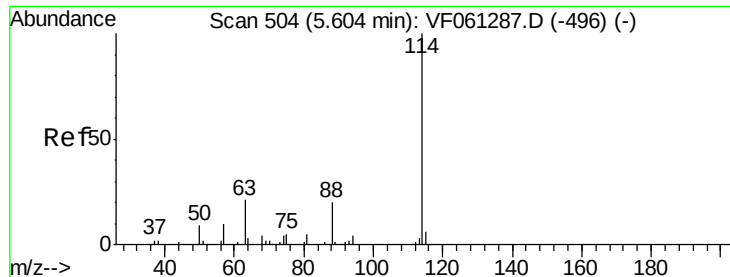
67 46.7 0.0 98.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.00 min

Lab File: VF061350.D

Acq: 10 Jan 2019 18:11

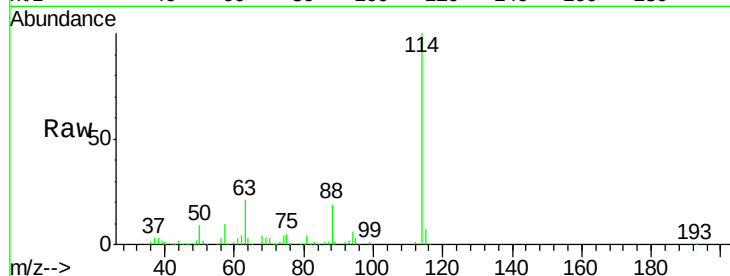
Tot Ion:114 Resp: 255749

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

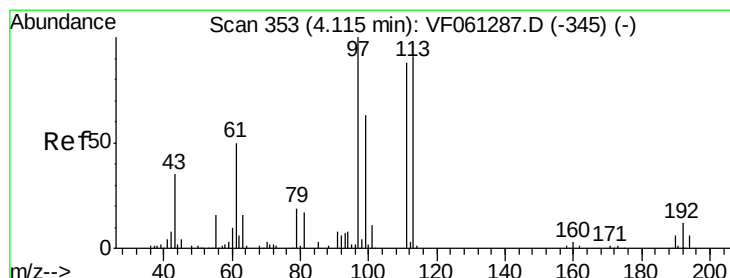
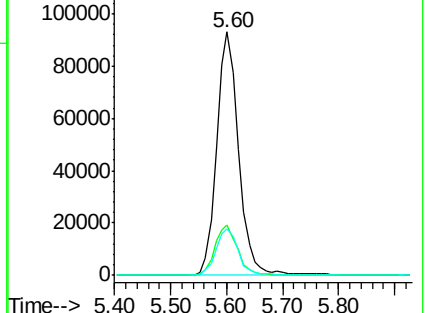
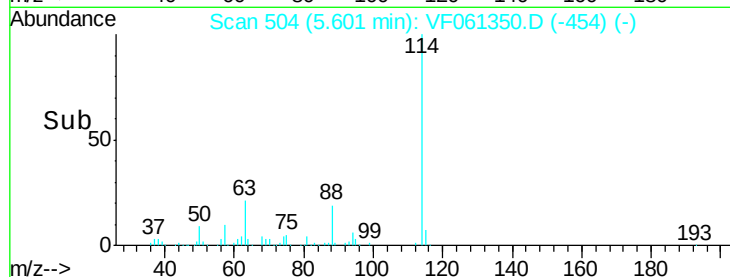
88 18.9 0.0 40.0



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: 47.637 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.00 min

Lab File: VF061350.D

Acq: 10 Jan 2019 18:11

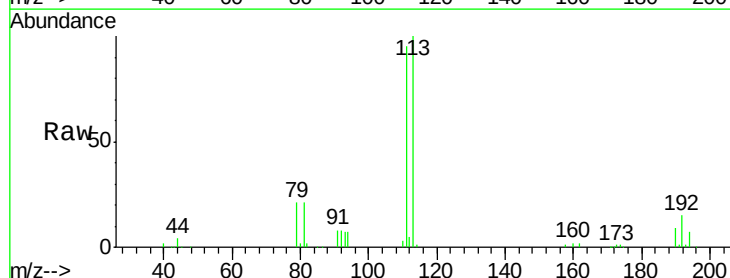
Tgt Ion:113 Resp: 93221

Ion Ratio Lower Upper

113 100

111 95.3 78.0 117.0

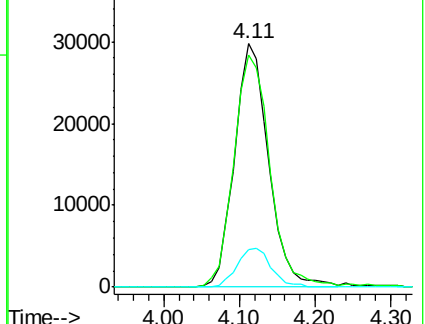
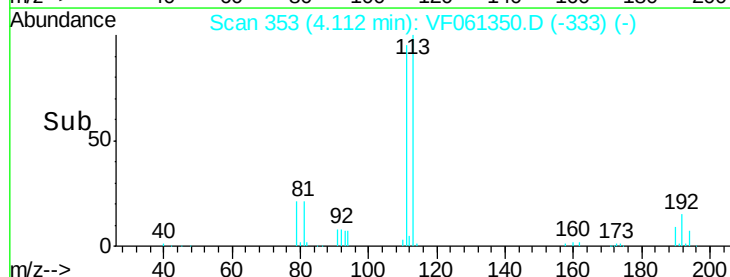
192 15.5 10.6 16.0

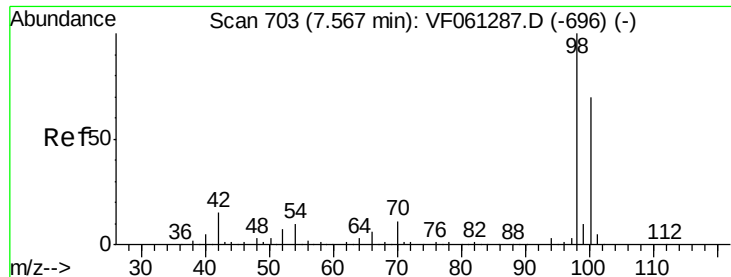


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 43.978 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF061350.D

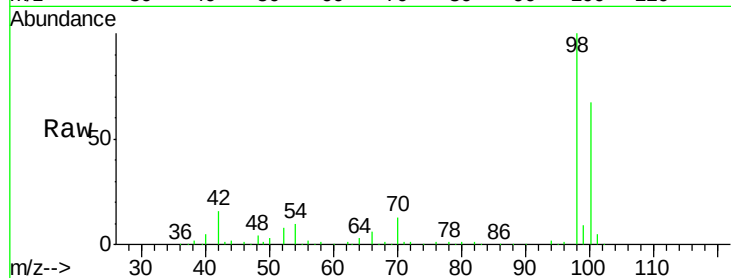
Acq: 10 Jan 2019 18:11

Tot Ion: 98 Resp: 254674

Ion Ratio Lower Upper

98 100

100 66.9 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.55

120000

100000

80000

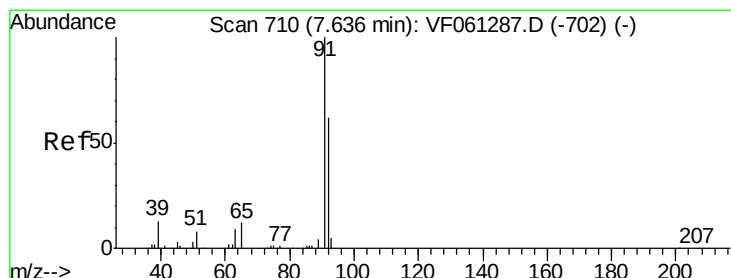
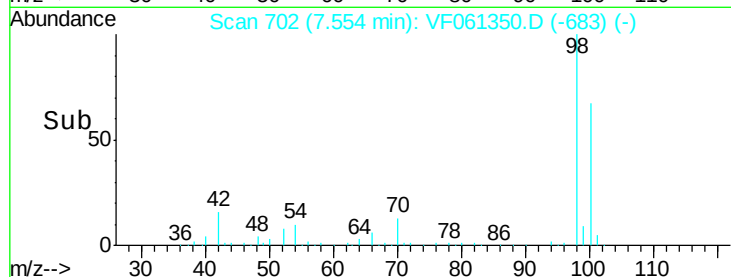
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 1.192 ug/l

RT: 7.62 min Scan# 709

Delta R.T. -0.01 min

Lab File: VF061350.D

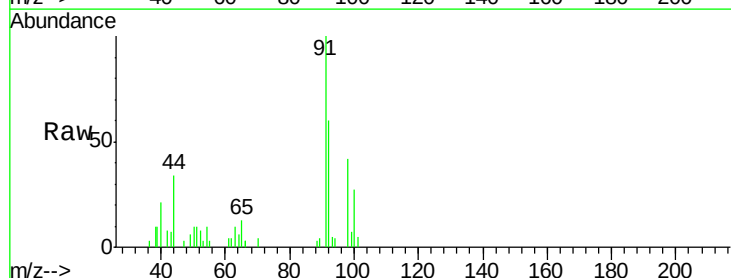
Acq: 10 Jan 2019 18:11

Tgt Ion: 92 Resp: 5344

Ion Ratio Lower Upper

92 100

91 165.3 129.2 193.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.62

4000

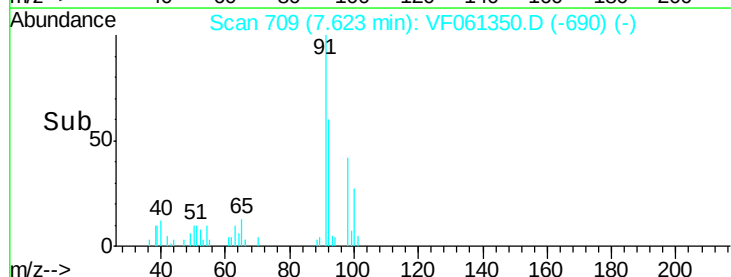
3000

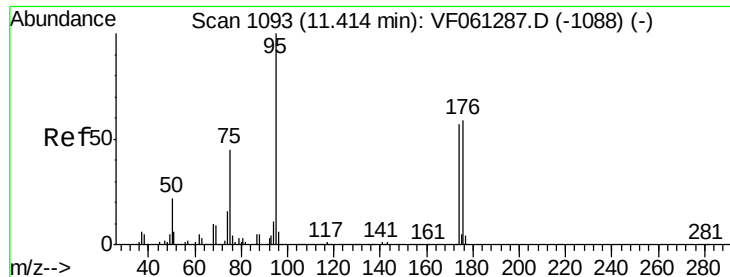
2000

1000

0

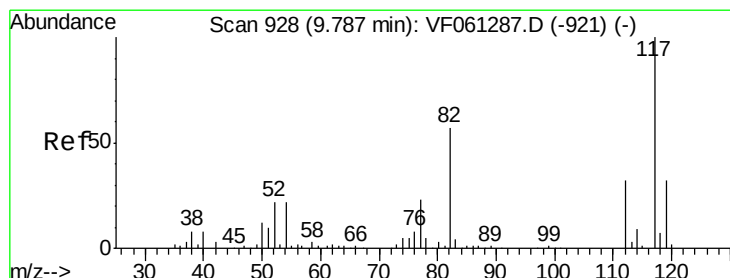
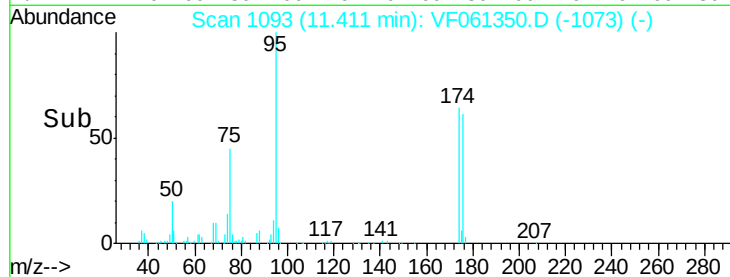
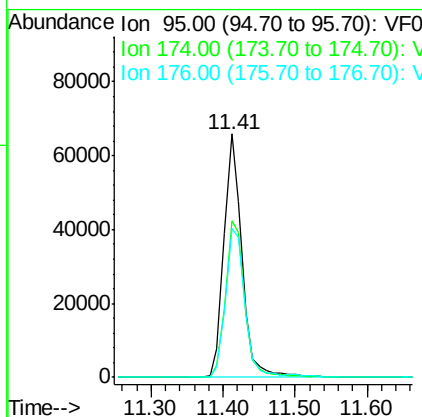
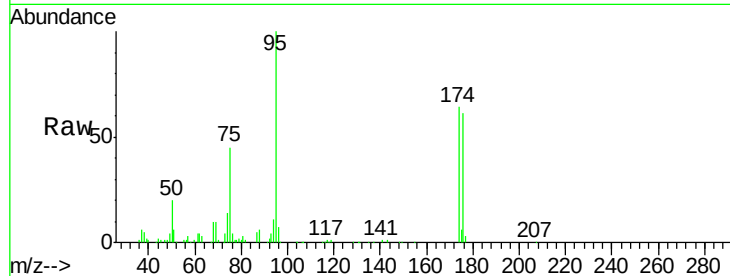
Time-->





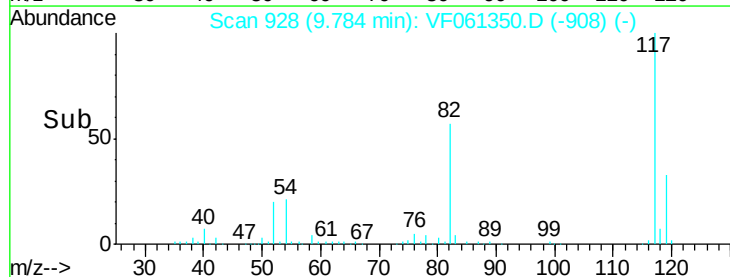
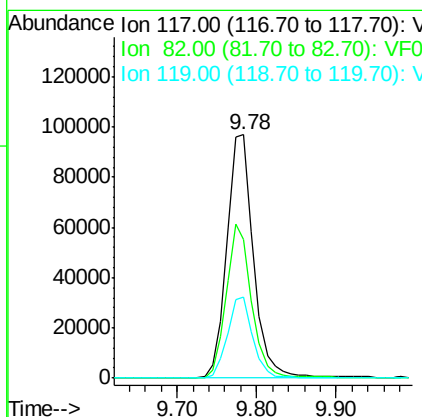
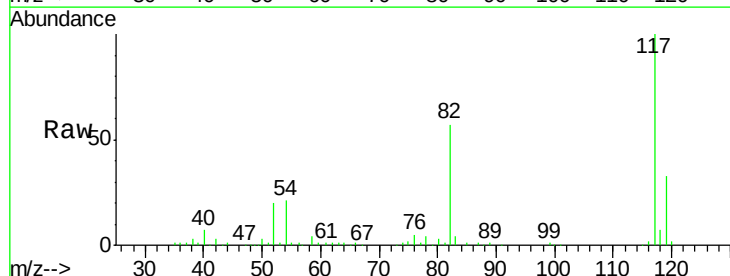
#62
4-Bromofluorobenzene
Concen: 45.430 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF061350.D
Acq: 10 Jan 2019 18:11

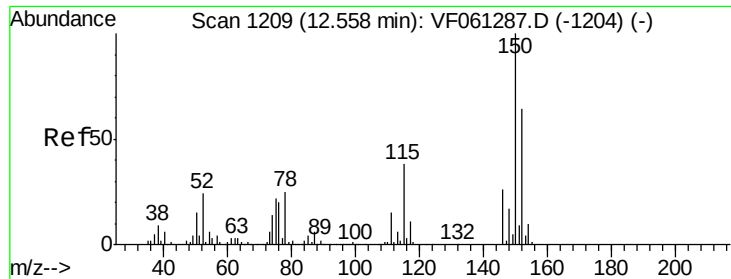
Tot Ion	95	Resp	114879
Ion Ratio	Lower	Upper	
95	100		
174	64.2	0.0	114.2
176	61.3	0.0	117.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.00 min
Lab File: VF061350.D
Acq: 10 Jan 2019 18:11

Tgt Ion	117	Resp	229064
Ion Ratio	Lower	Upper	
117	100		
82	57.1	45.3	67.9
119	33.3	25.4	38.0

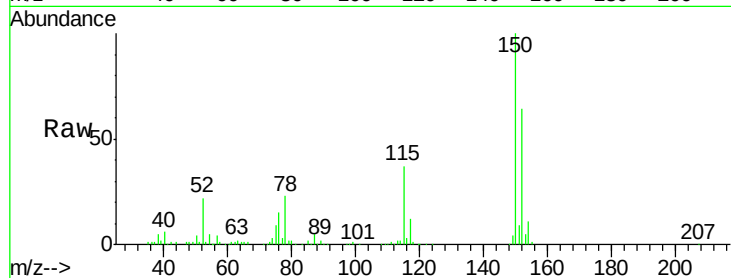




#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF061350.D
Acq: 10 Jan 2019 18:11

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.6	88.9
150	156.8	0.0	315.4



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

