

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082918\
 Data File : VF060185.D
 Acq On : 29 Aug 2018 9:40
 Operator : VA/AP
 Sample : J4663-01
 Misc : 6.36g/5mL/MSVOA F/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 6722AA

Quant Time: Aug 29 11:07:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 29 03:22:03 2018
 Response via : Initial Calibration

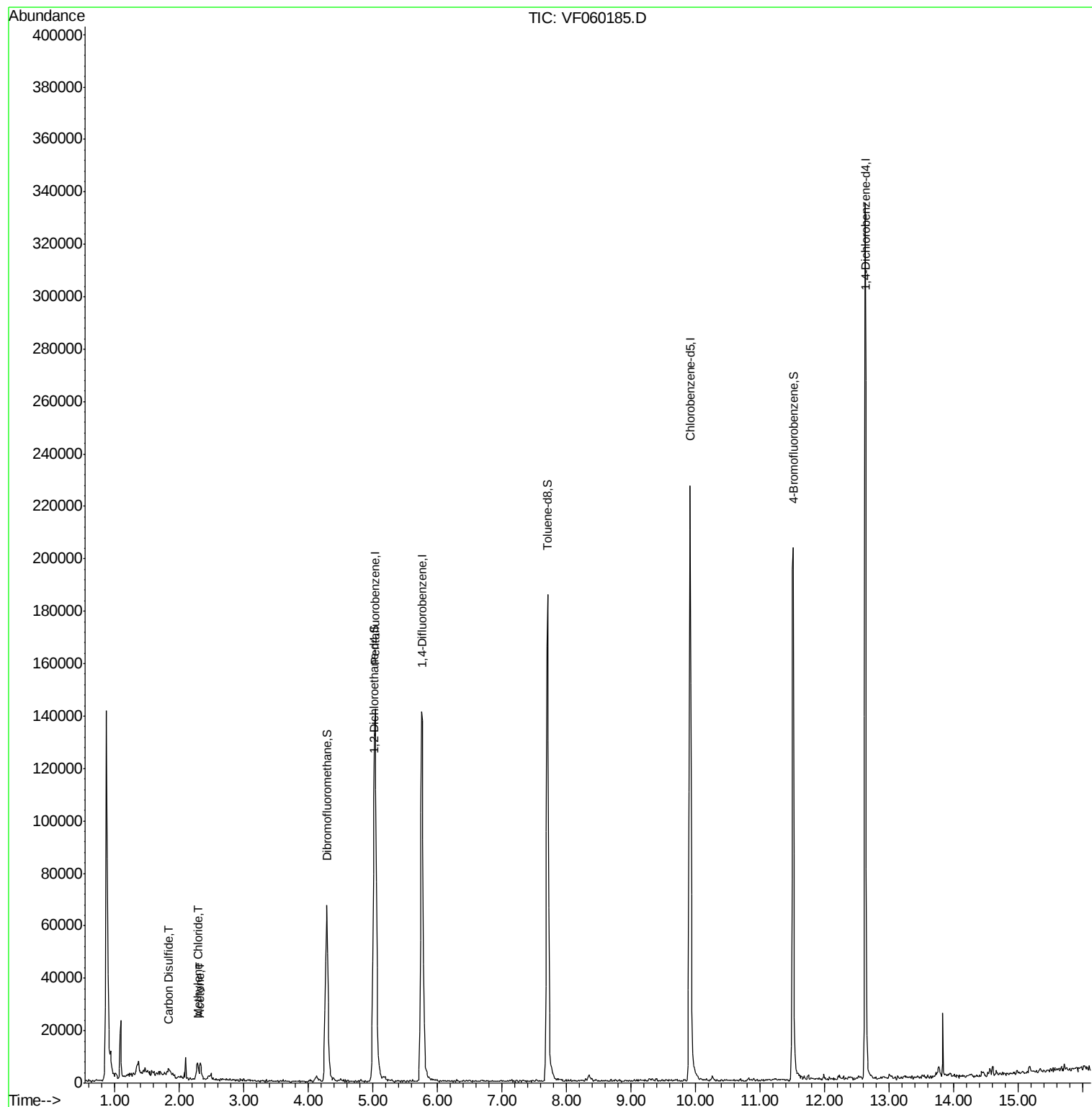
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	104396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	144421	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	158501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	81687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	58004	88.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	177.92%	
35) Dibromofluoromethane	4.29	113	56550	60.87	ug/l	0.02
Spiked Amount 50.000			Recovery	=	121.74%	
50) Toluene-d8	7.71	98	153095	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
62) 4-Bromofluorobenzene	11.51	95	72098	61.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.04%	
Target Compounds						
16) Acetone	2.32	43	8438	97.00	ug/l	97
17) Carbon Disulfide	1.84	76	3134	1.06	ug/l	99
20) Methylene Chloride	2.27	84	2601	1.34	ug/l #	75

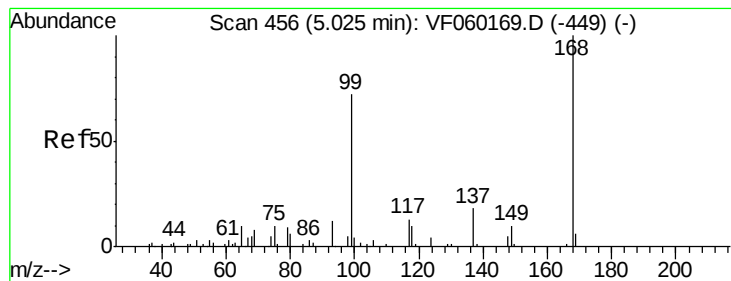
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 29 03:22:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF060185.D

Acq: 29 Aug 2018 9:40

Instrument :

MSVOA_F

ClientSampleId :

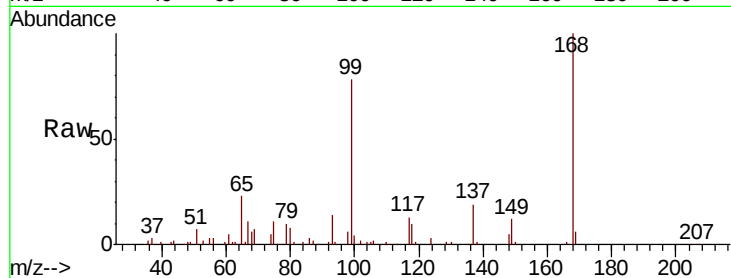
6722AA

Tot Ion:168 Resp: 104396

Ion Ratio Lower Upper

168 100

99 78.3 57.9 86.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

40000

30000

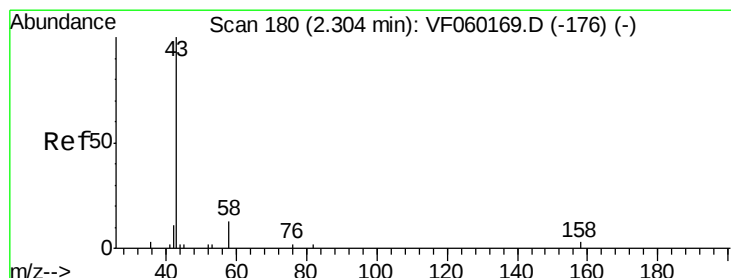
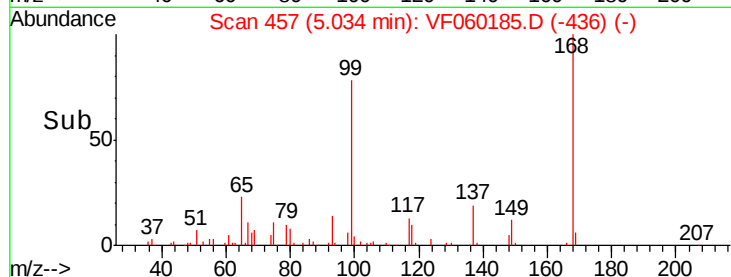
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 97.00 ug/l

RT: 2.32 min Scan# 182

Delta R.T. 0.02 min

Lab File: VF060185.D

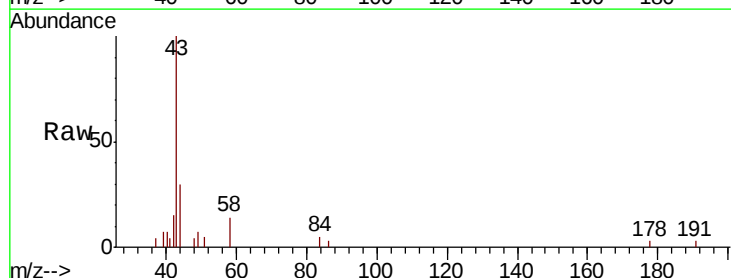
Acq: 29 Aug 2018 9:40

Tgt Ion: 43 Resp: 8438

Ion Ratio Lower Upper

43 100

58 14.4 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.32

4000

3000

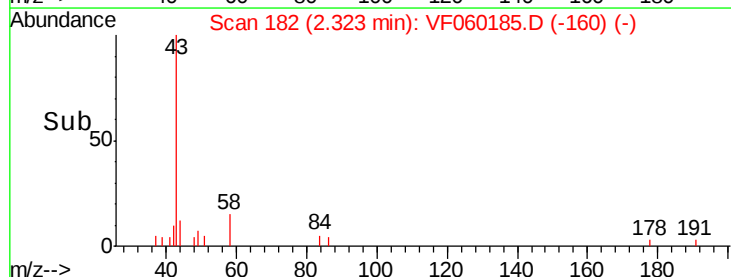
2000

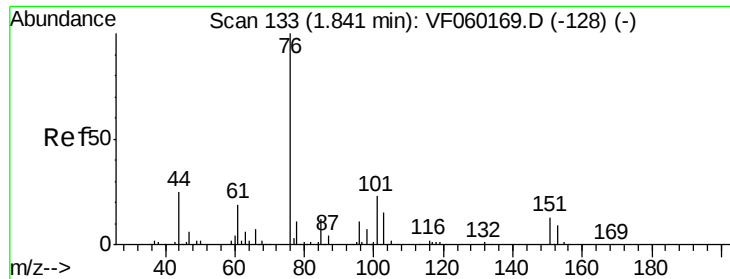
1000

0

Time-->

2.25 2.30 2.35 2.40

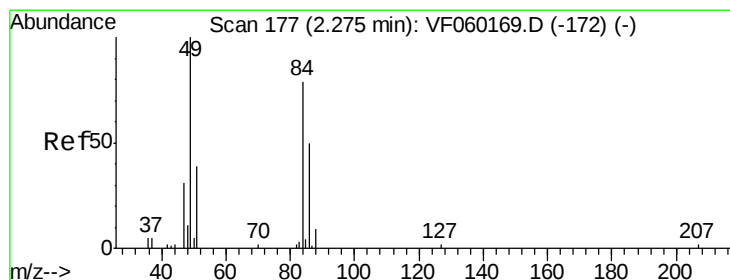
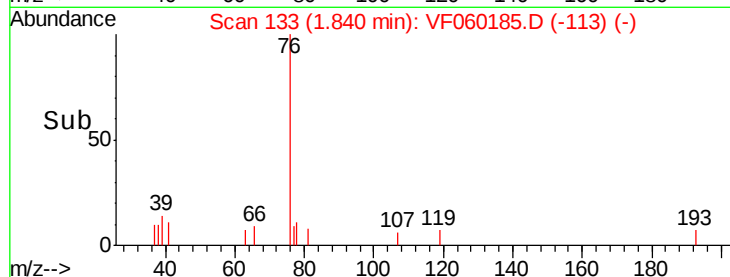
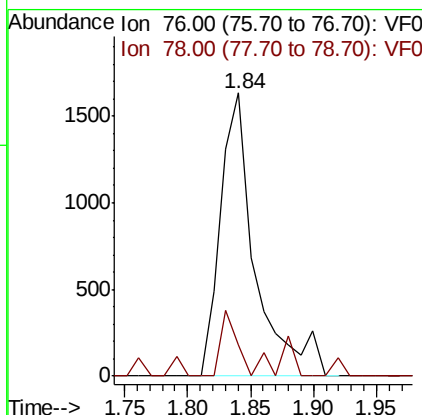
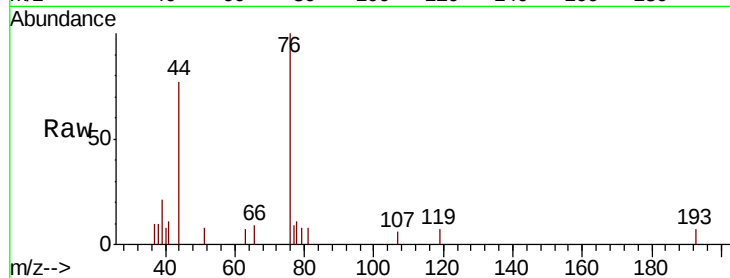




#17
Carbon Disulfide
Concen: 1.06 ug/l
RT: 1.84 min Scan# 133
Delta R.T. -0.00 min
Lab File: VF060185.D
Acq: 29 Aug 2018 9:40

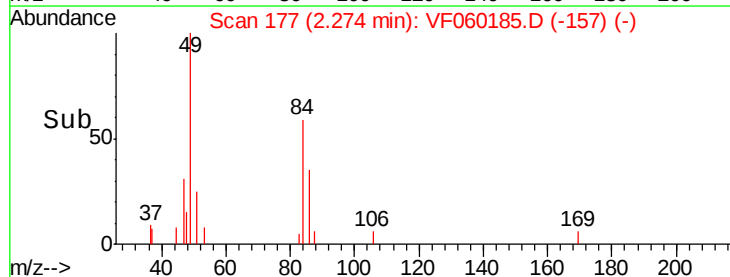
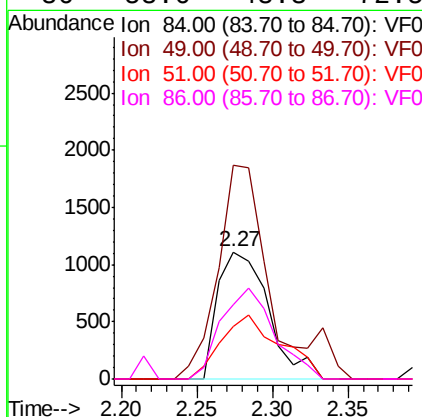
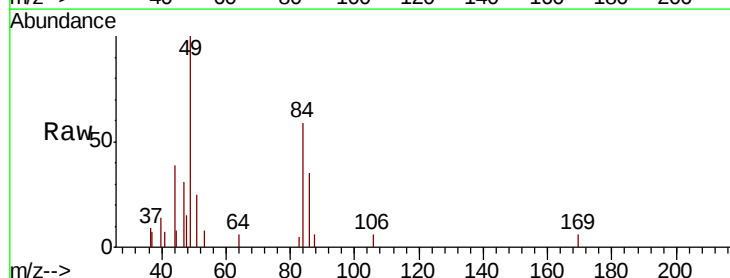
Instrument :
MSVOA_F
ClientSampleId :
6722AA

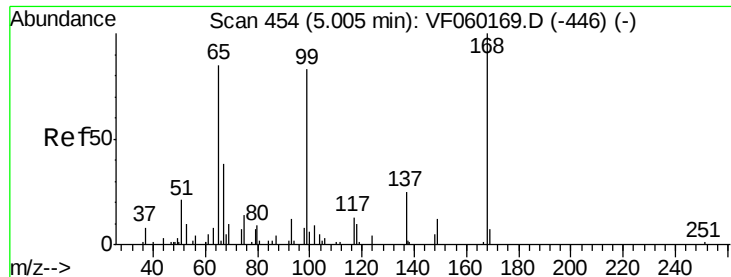
Tot Ion: 76 Resp: 3134
Ion Ratio Lower Upper
76 100
78 11.2 8.6 12.8



#20
Methylene Chloride
Concen: 1.34 ug/l
RT: 2.27 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF060185.D
Acq: 29 Aug 2018 9:40

Tgt Ion: 84 Resp: 2601
Ion Ratio Lower Upper
84 100
49 168.2 97.0 145.4#
51 41.4 38.2 57.2
86 58.6 48.3 72.5





#33

1,2-Dichloroethane-d4

Concen: 88.96 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF060185.D

Acq: 29 Aug 2018 9:40

Instrument :

MSVOA_F

ClientSampleId :

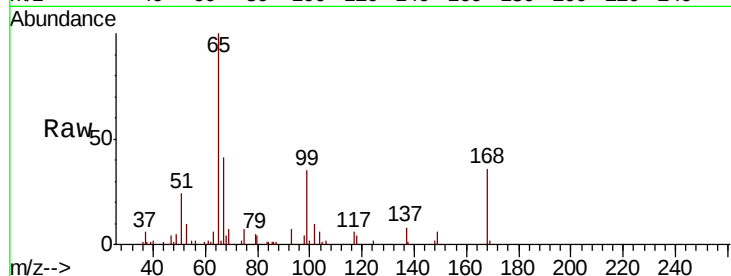
6722AA

Tot Ion: 65 Resp: 58004

Ion Ratio Lower Upper

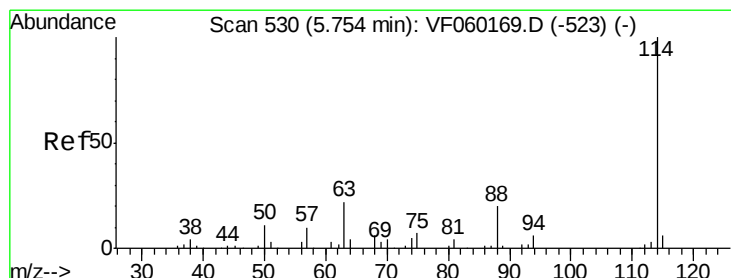
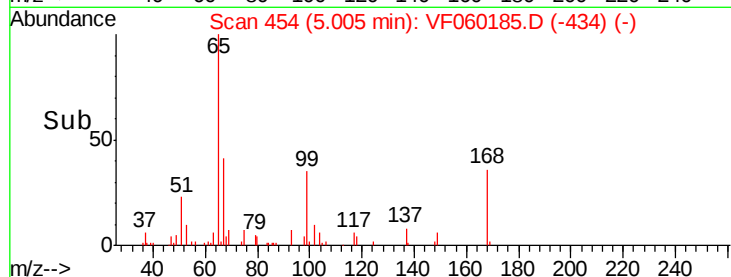
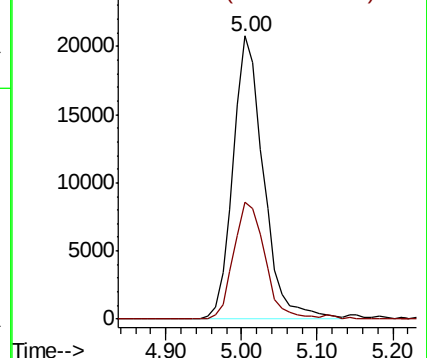
65 100

67 41.2 0.0 92.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF060185.D

Acq: 29 Aug 2018 9:40

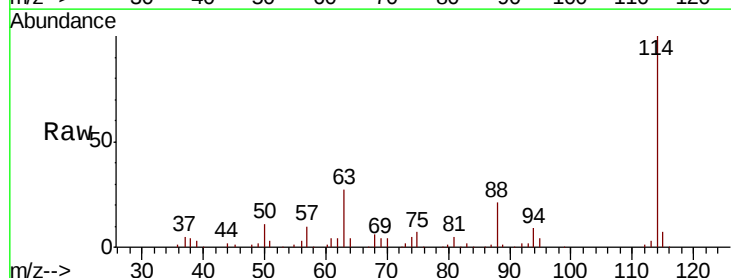
Tgt Ion: 114 Resp: 144421

Ion Ratio Lower Upper

114 100

63 26.6 0.0 45.8

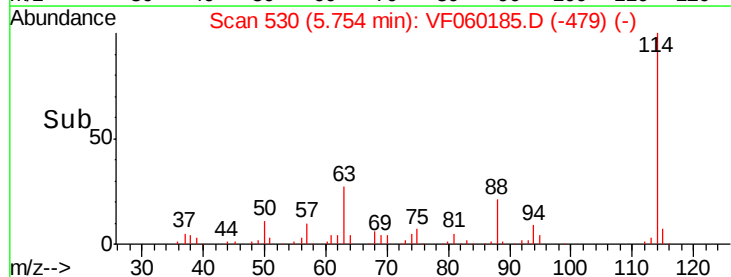
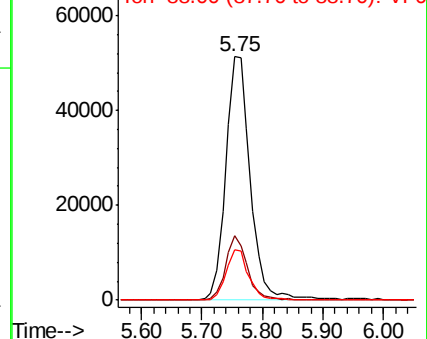
88 20.7 0.0 40.2

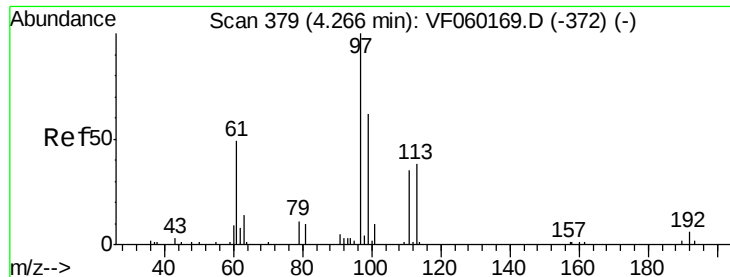


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

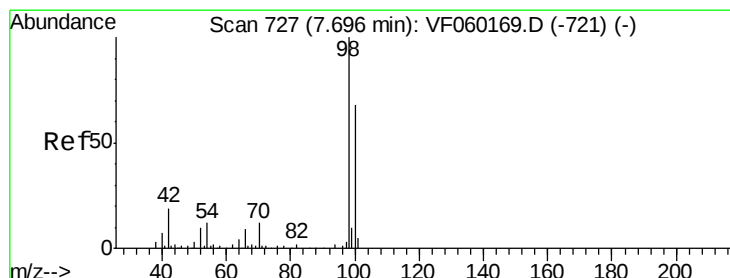
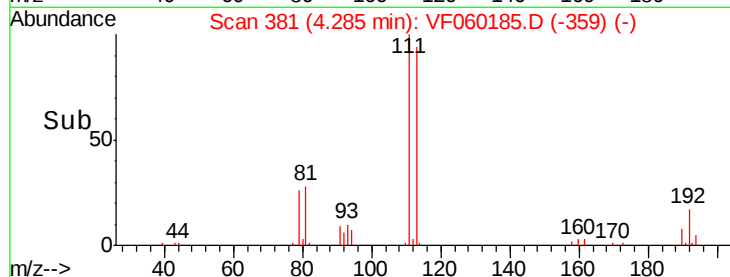
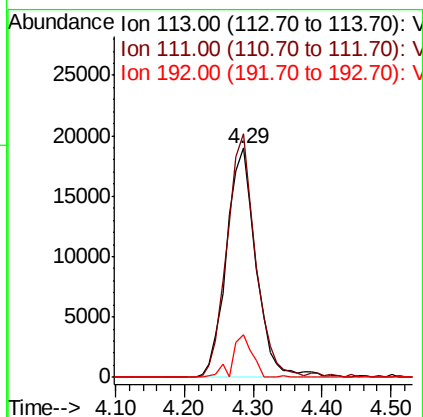
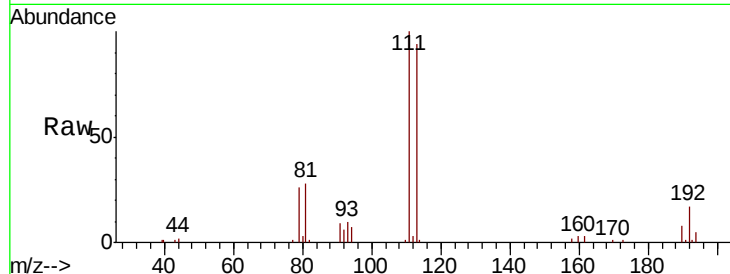




#35
 Dibromofluoromethane
 Concen: 60.87 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. 0.02 min
 Lab File: VF060185.D
 Acq: 29 Aug 2018 9:40

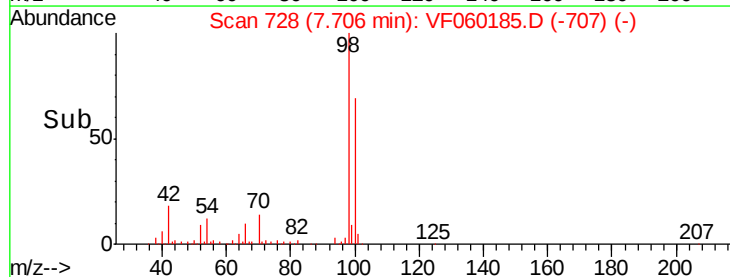
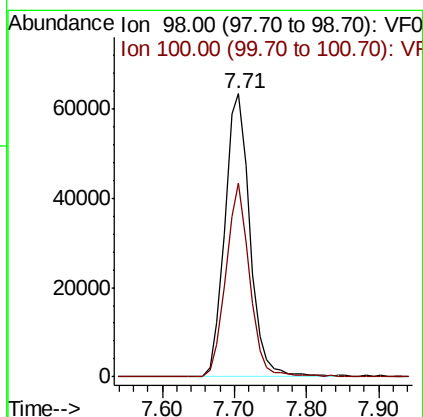
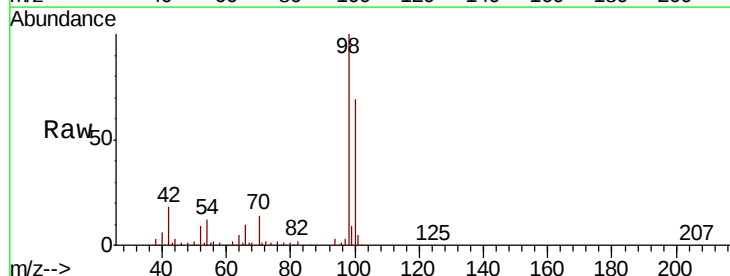
Instrument :
 MSVOA_F
 ClientSampleId :
 6722AA

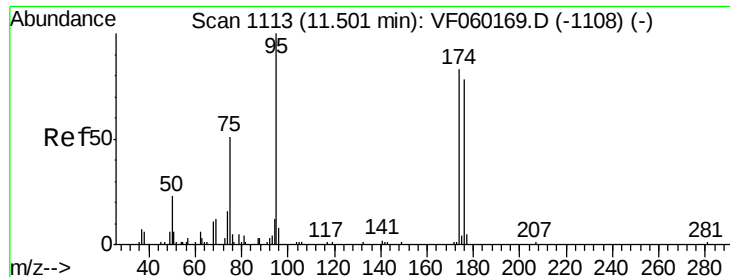
Tot Ion:113 Resp: 56550
 Ion Ratio Lower Upper
 113 100
 111 106.2 75.5 113.3
 192 18.4 12.5 18.7



#50
 Toluene-d8
 Concen: 48.17 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: VF060185.D
 Acq: 29 Aug 2018 9:40

Tgt Ion: 98 Resp: 153095
 Ion Ratio Lower Upper
 98 100
 100 68.6 54.5 81.7





#62

4-Bromofluorobenzene

Concen: 61.52 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VF060185.D

Acq: 29 Aug 2018 9:40

Instrument :

MSVOA_F

ClientSampled :

6722AA

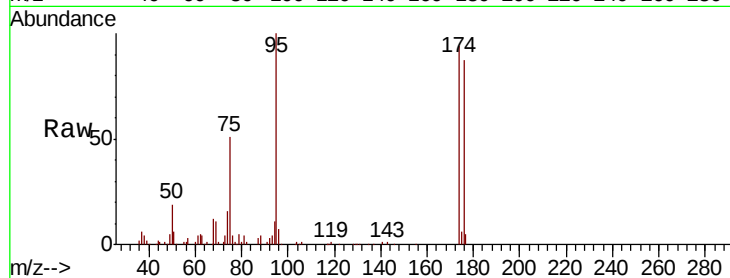
Tot Ion: 95 Resp: 72098

Ion Ratio Lower Upper

95 100

174 93.9 0.0 165.2

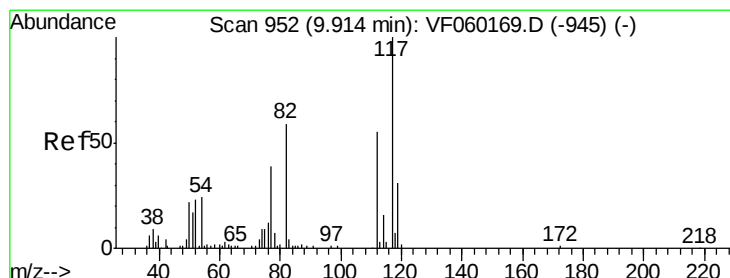
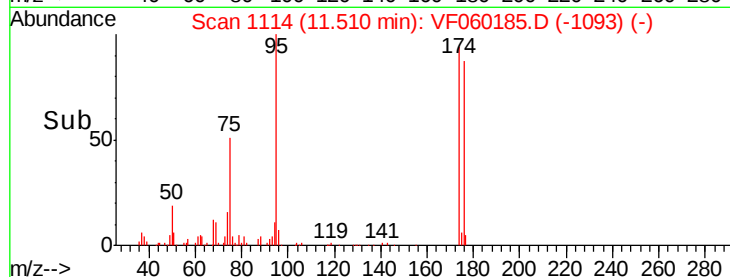
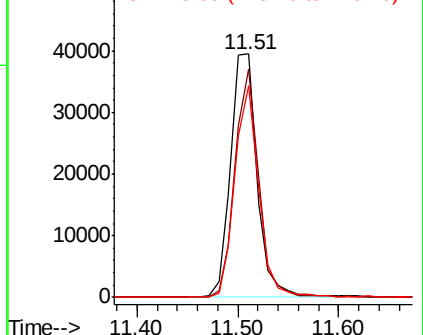
176 86.9 0.0 156.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 952

Delta R.T. -0.00 min

Lab File: VF060185.D

Acq: 29 Aug 2018 9:40

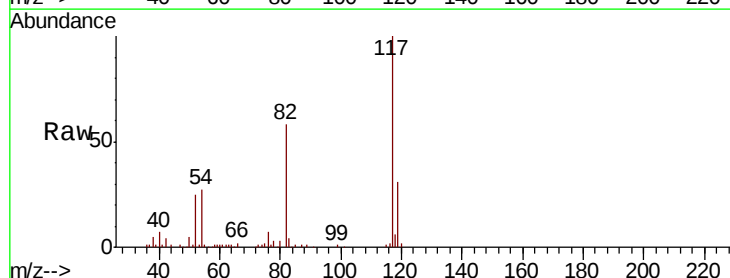
Tgt Ion: 117 Resp: 158501

Ion Ratio Lower Upper

117 100

82 58.0 47.2 70.8

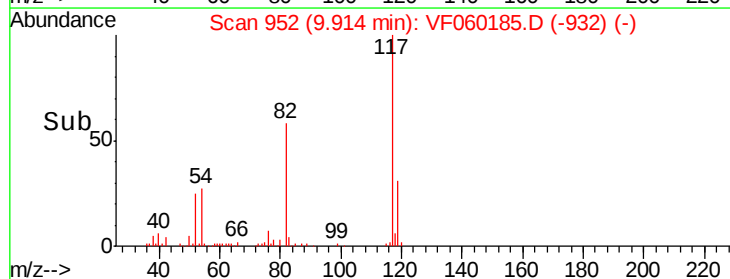
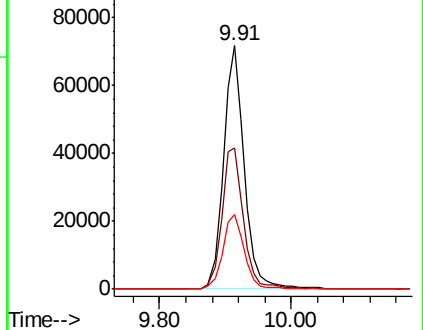
119 30.7 25.0 37.4

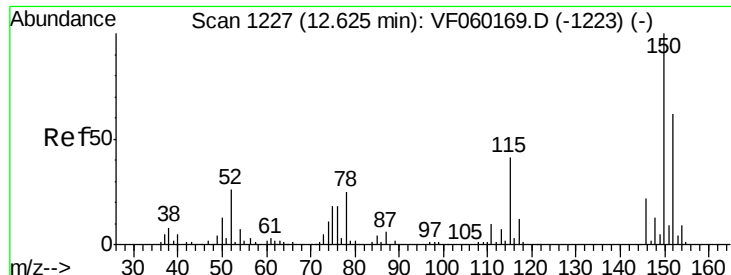


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF060185.D

Acq: 29 Aug 2018 9:40

Instrument :

MSVOA_F

ClientSampleId :

6722AA

Tot Ion:152 Resp: 81687

Ion Ratio Lower Upper

152 100

115 69.8 33.2 99.6

150 160.4 0.0 325.6

