

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061219\
 Data File : VF062925.D
 Acq On : 12 Jun 2019 14:08
 Operator : FY/SY
 Sample : K3159-03
 Misc : 6.73g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-061119-B

Quant Time: Jun 13 08:50:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

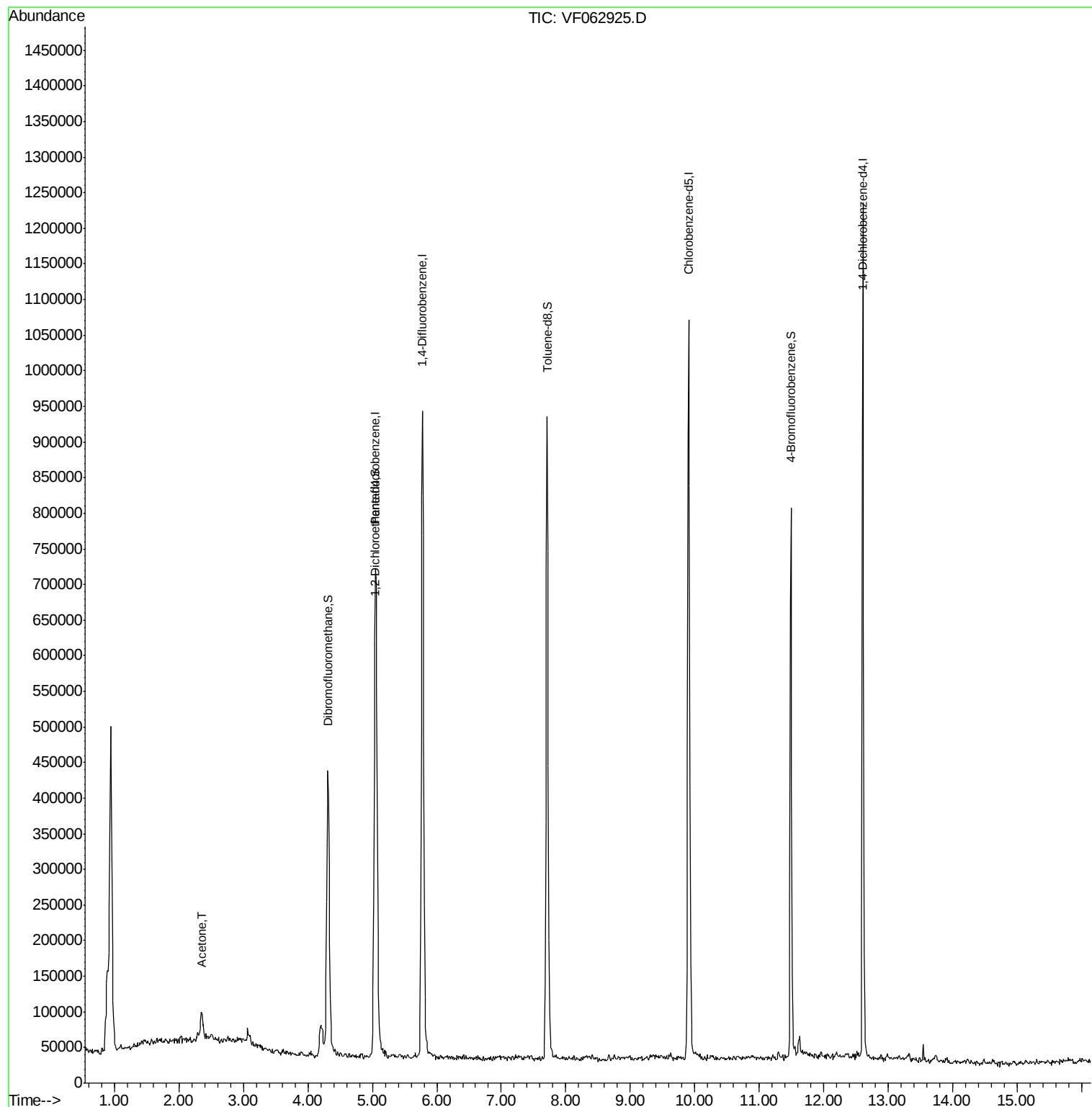
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	643962	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.78	114	1131642	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	823708	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.61	152	306643	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	205618	46.17	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	92.34%	
35) Dibromofluoromethane	4.31	113	402345	47.05	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	94.10%	
50) Toluene-d8	7.71	98	793229	36.68	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	73.36%	
62) 4-Bromofluorobenzene	11.49	95	281856	36.24	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	72.48%	
Target Compounds						
16) Acetone	2.35	43	61166	60.014	ug/l	Qvalue 92

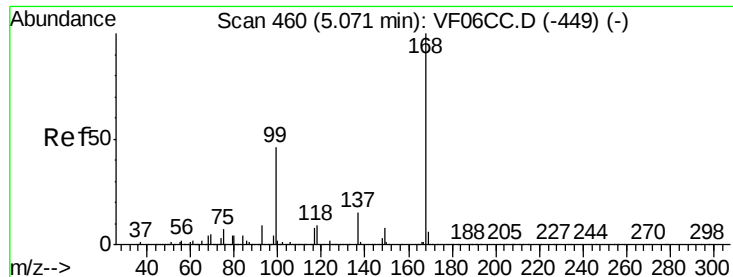
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.02 min

Lab File: VF062925.D

Acq: 12 Jun 2019 14:08

Instrument :

MSVOA_F

ClientSampleId :

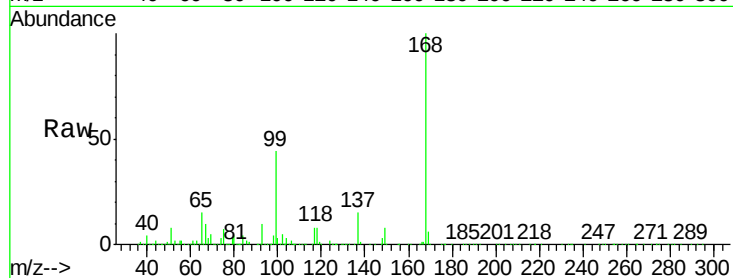
OR-03-061119-B

Tot Ion:168 Resp: 643962

Ion Ratio Lower Upper

168 100

99 43.6 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

250000

200000

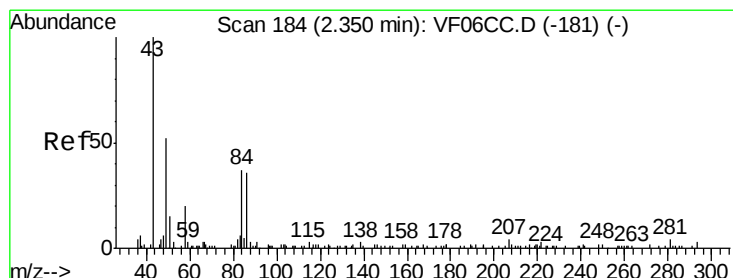
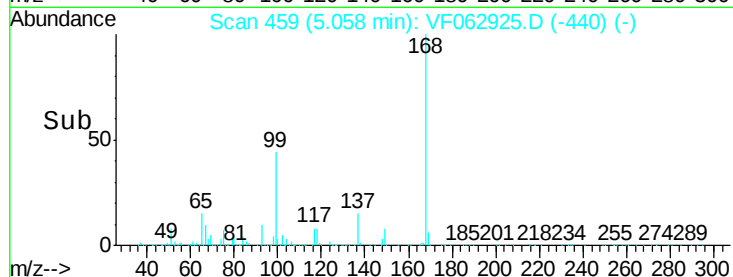
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 60.014 ug/l

RT: 2.35 min Scan# 184

Delta R.T. -0.02 min

Lab File: VF062925.D

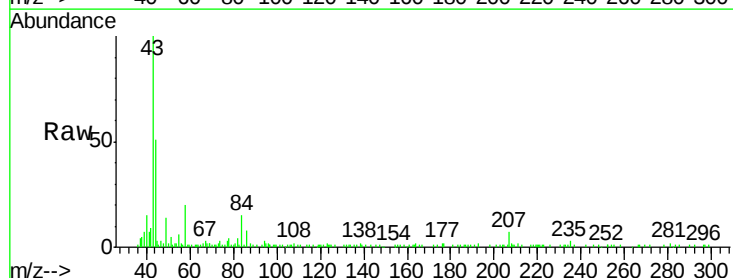
Acq: 12 Jun 2019 14:08

Tgt Ion: 43 Resp: 61166

Ion Ratio Lower Upper

43 100

58 20.0 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.35

25000

20000

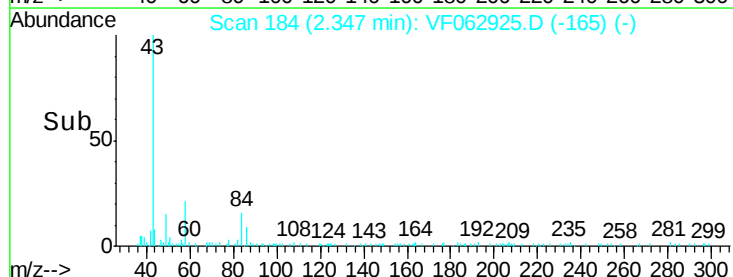
15000

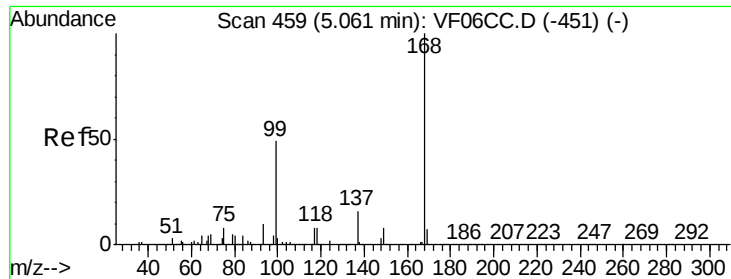
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.175 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.03 min

Lab File: VF062925.D

Acq: 12 Jun 2019 14:08

Instrument :

MSVOA_F

ClientSampleId :

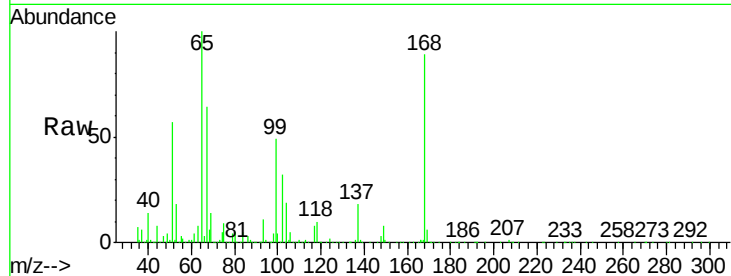
OR-03-061119-B

Tot Ion: 65 Resp: 205618

Ion Ratio Lower Upper

65 100

67 64.2 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

80000

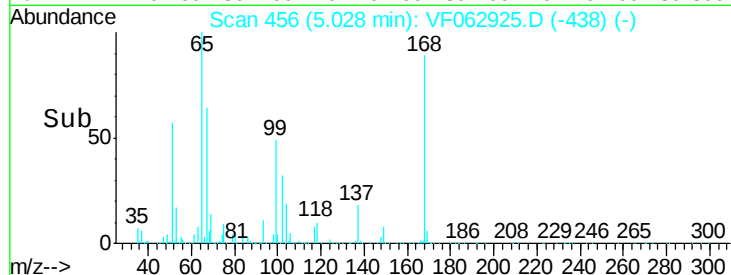
60000

40000

20000

0

Time-->

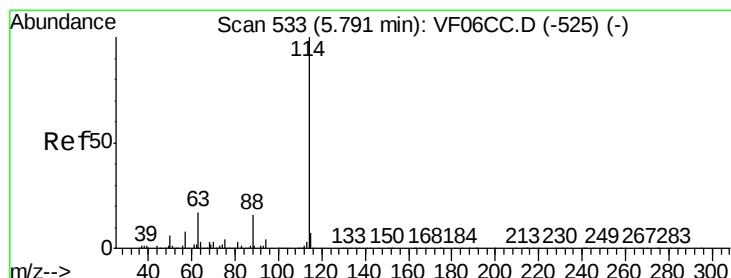


5.03

4.90

5.10

5.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.03 min

Lab File: VF062925.D

Acq: 12 Jun 2019 14:08

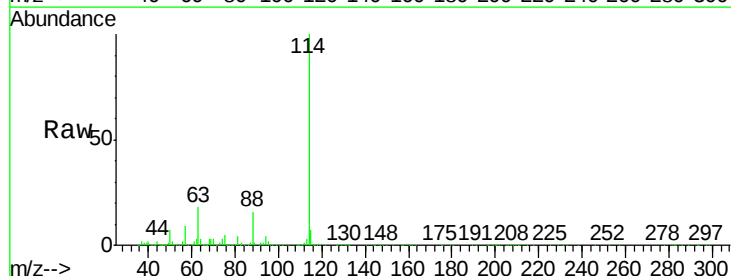
Tgt Ion: 114 Resp: 1131642

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.2

88 16.2 0.0 31.2



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

500000

400000

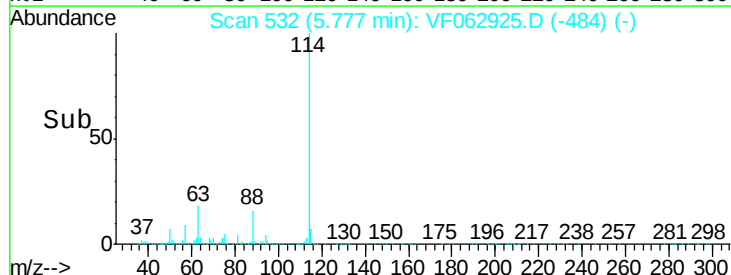
300000

200000

100000

0

Time-->

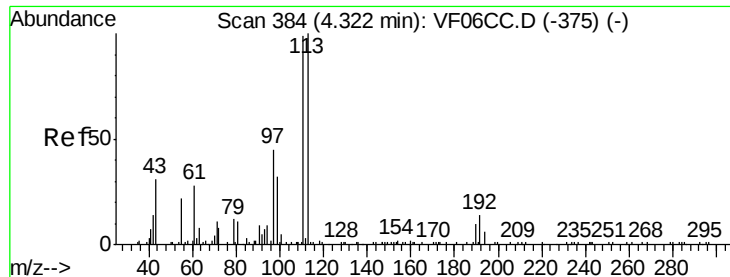


5.78

5.60

5.80

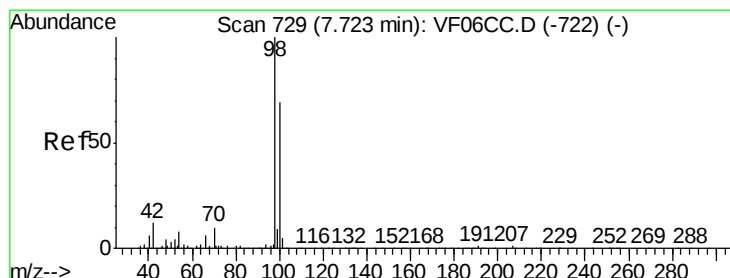
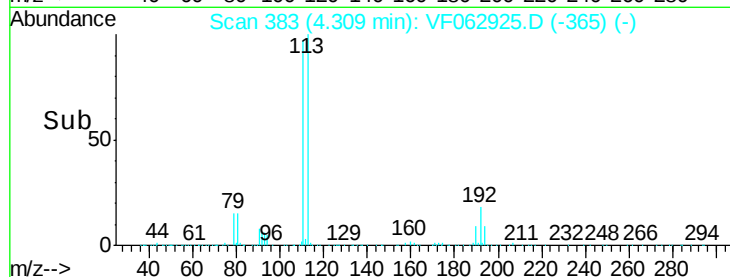
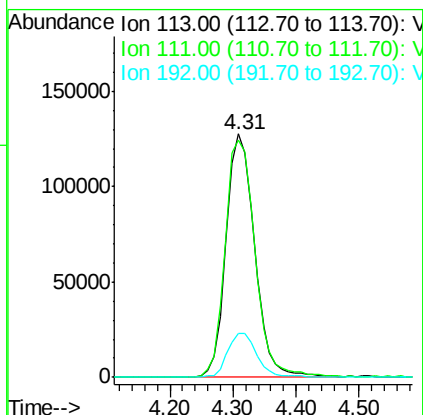
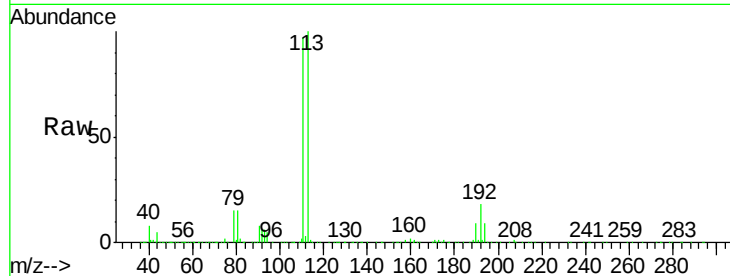
6.00



#35
Dibromofluoromethane
Concen: 47.051 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.03 min
Lab File: VF062925.D
Acq: 12 Jun 2019 14:08

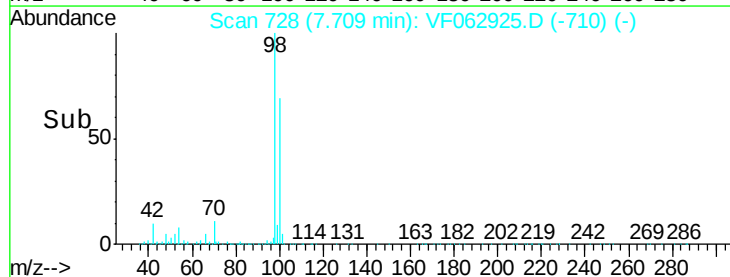
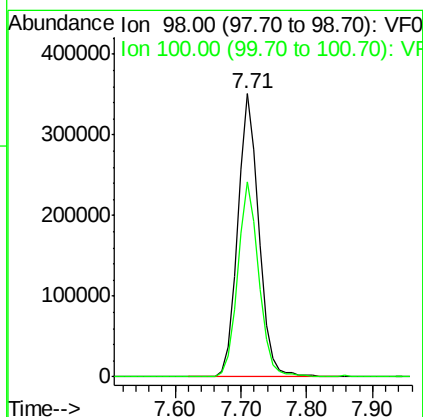
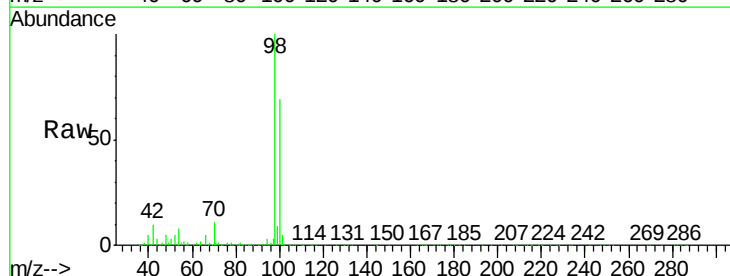
Instrument :
MSVOA_F
ClientSampleId :
OR-03-061119-B

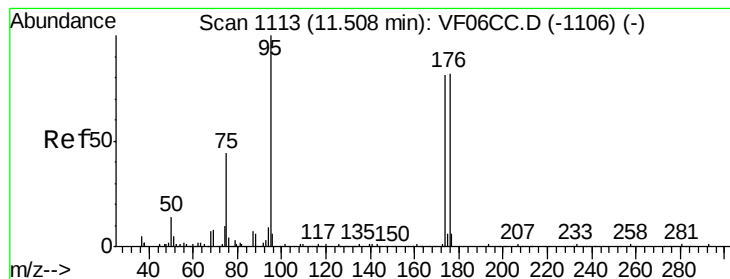
Tot Ion	Ratio	Lower	Upper
113	100		
111	97.5	81.9	122.9
192	18.1	15.1	22.7



#50
Toluene-d8
Concen: 36.682 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.03 min
Lab File: VF062925.D
Acq: 12 Jun 2019 14:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.9	59.8	89.8





#62

4-Bromofluorobenzene

Concen: 36.235 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.02 min

Lab File: VF062925.D

Acq: 12 Jun 2019 14:08

Instrument :

MSVOA_F

ClientSampleId :

OR-03-061119-B

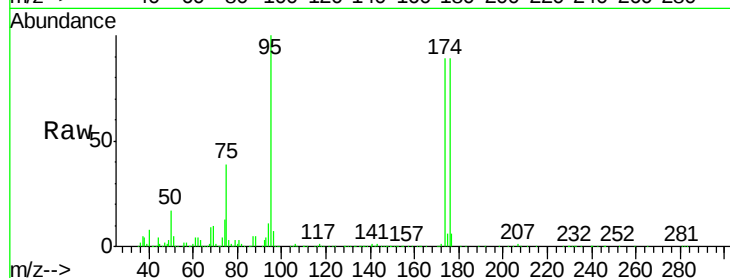
Tot Ion: 95 Resp: 281856

Ion Ratio Lower Upper

95 100

174 88.5 0.0 170.6

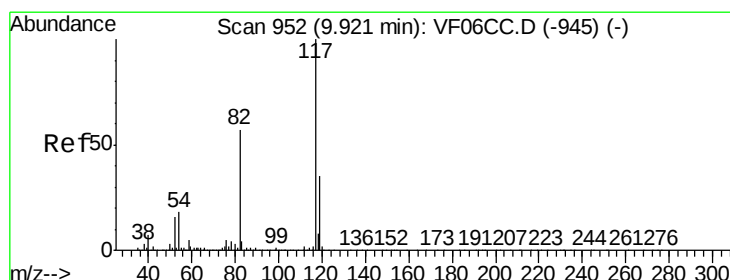
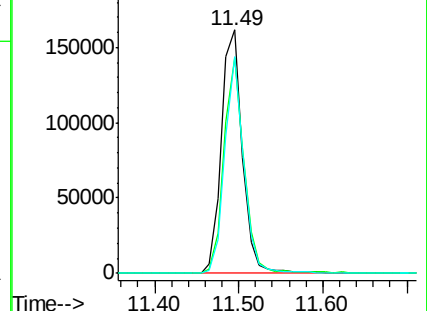
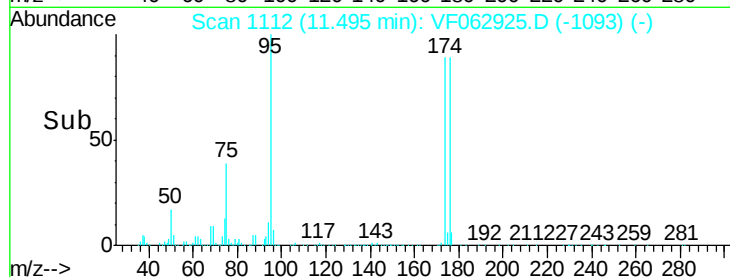
176 89.1 0.0 170.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.03 min

Lab File: VF062925.D

Acq: 12 Jun 2019 14:08

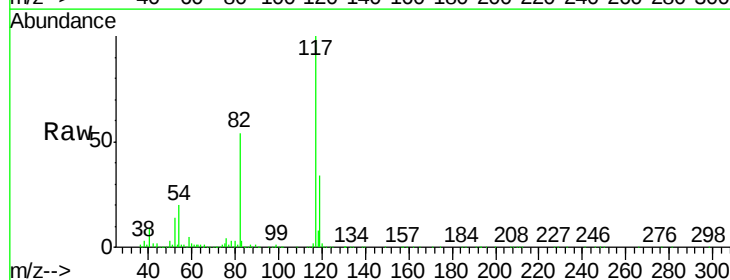
Tgt Ion: 117 Resp: 823708

Ion Ratio Lower Upper

117 100

82 54.4 42.4 63.6

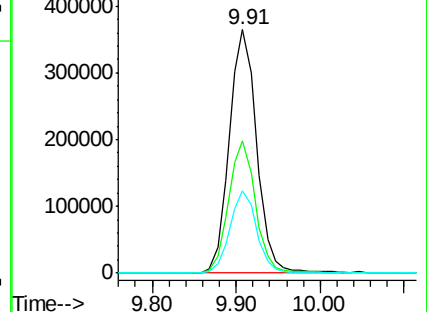
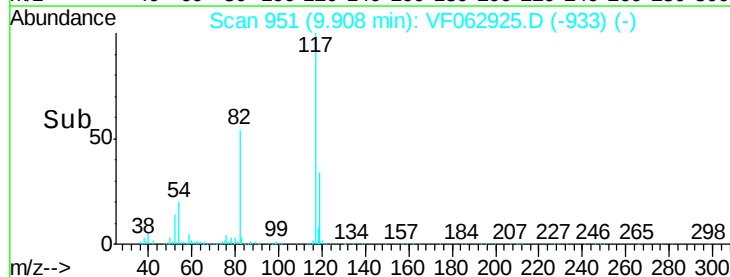
119 33.7 27.1 40.7

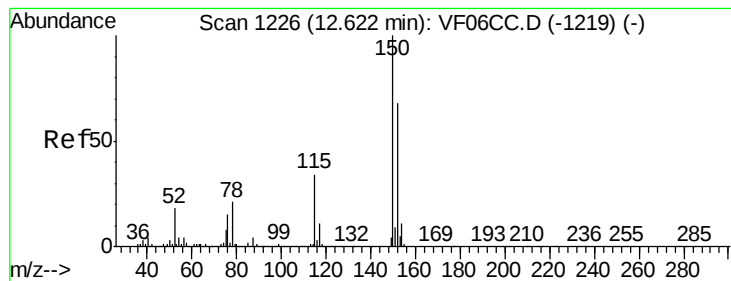


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.02 min

Lab File: VF062925.D

Acq: 12 Jun 2019 14:08

Instrument :

MSVOA_F

ClientSampleId :

OR-03-061119-B

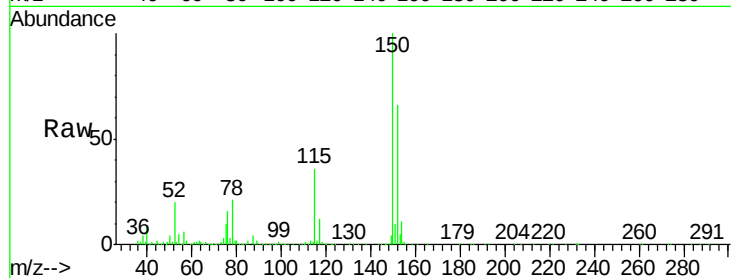
Tot Ion:152 Resp: 306643

Ion Ratio Lower Upper

152 100

115 54.9 24.6 74.0

150 151.2 0.0 290.6



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

