

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050819\
 Data File : VF062390.D
 Acq On : 8 May 2019 21:16
 Operator : FY/SY
 Sample : K2672-05RE
 Misc : 5.08g/5mL/MSVOA F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-03-1.0-1.5RE

Quant Time: May 09 05:33:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

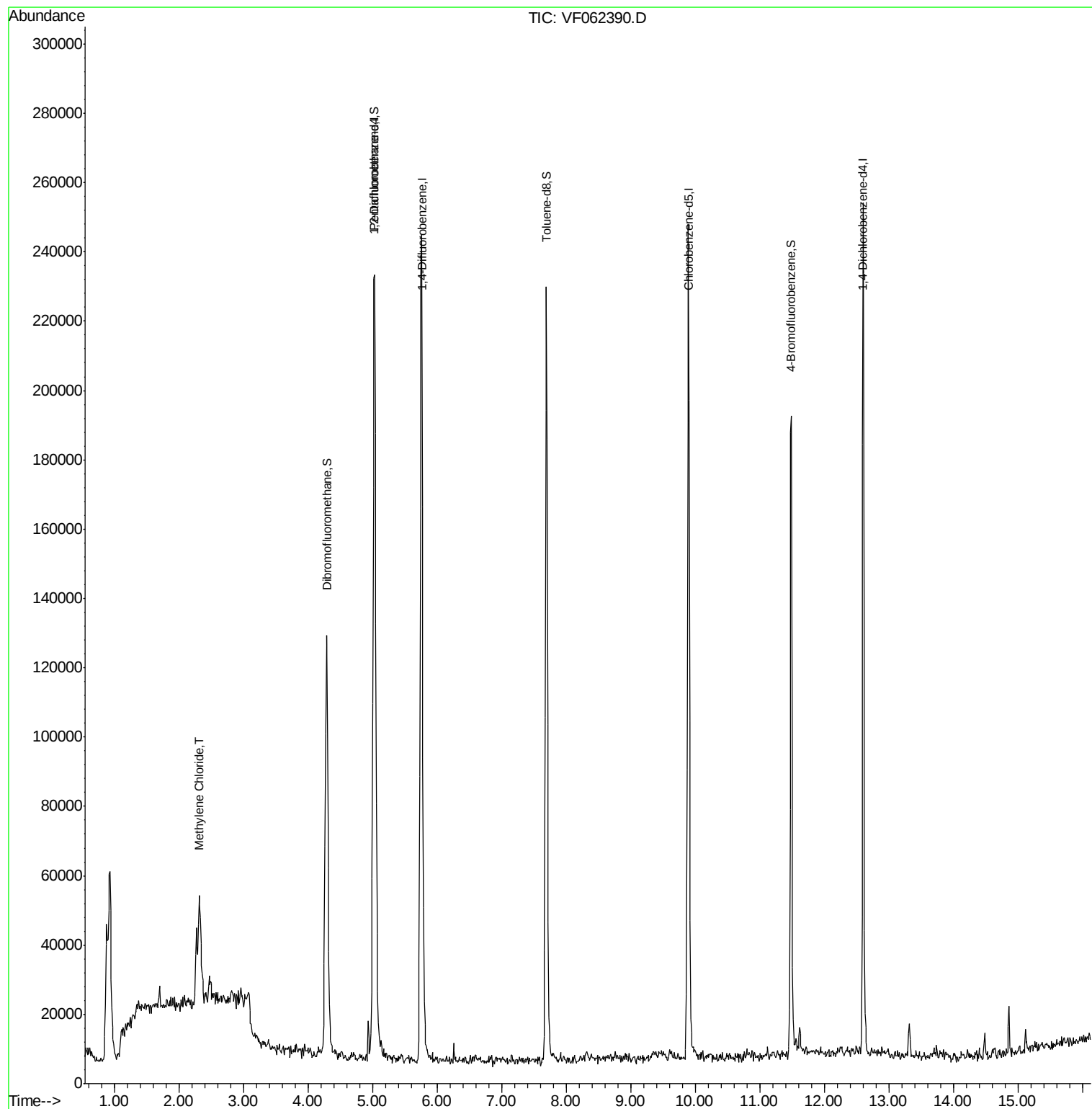
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	184354	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	262135	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	172456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	63312	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	86691	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
35) Dibromofluoromethane	4.28	113	109628	52.49	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	104.98%	
50) Toluene-d8	7.69	98	188812	37.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.70%	
62) 4-Bromofluorobenzene	11.48	95	65346	28.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.30%	
Target Compounds						
20) Methylene Chloride	2.32	84	26327	20.647	ug/l	Qvalue 99

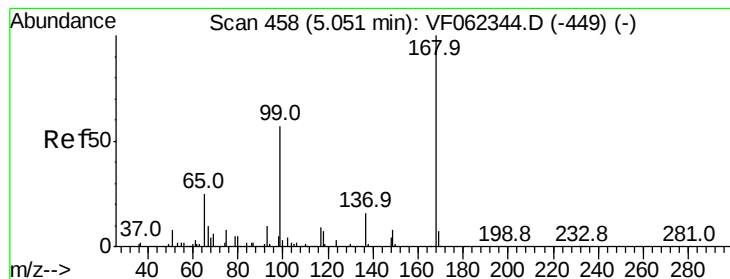
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.02 min

Lab File: VF062390.D

Acq: 8 May 2019 21:16

Instrument :

MSVOA_F

ClientSampleId :

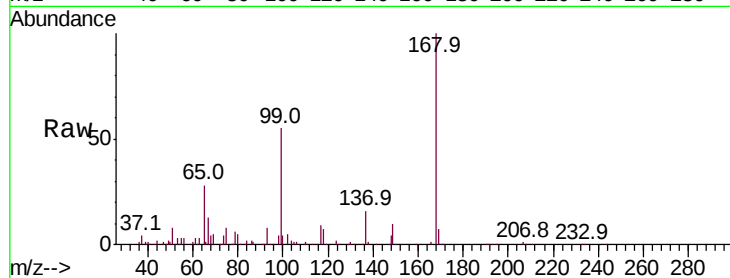
SB-03-1.0-1.5RE

Tot Ion:168 Resp: 184354

Ion Ratio Lower Upper

168 100

99 55.3 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.03

60000

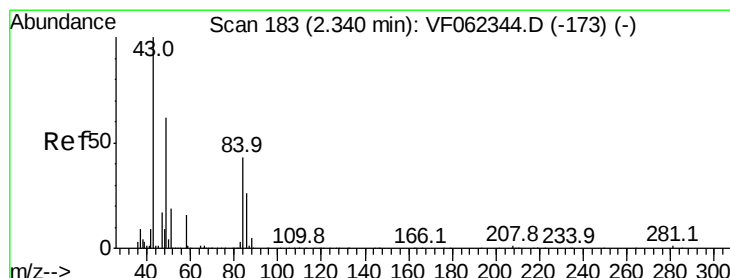
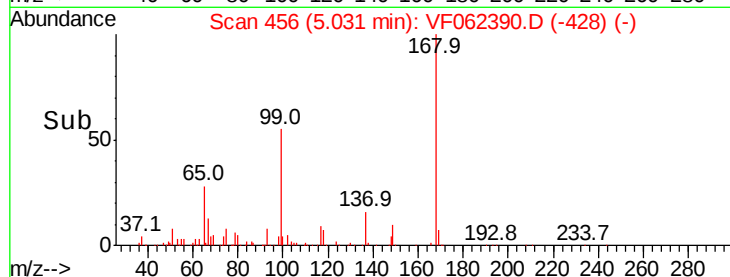
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 20.647 ug/l

RT: 2.32 min Scan# 181

Delta R.T. -0.02 min

Lab File: VF062390.D

Acq: 8 May 2019 21:16

Tgt Ion: 84 Resp: 26327

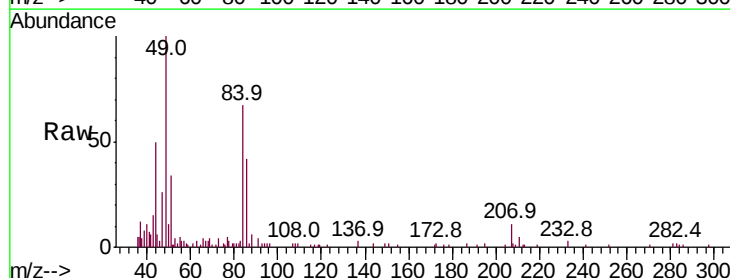
Ion Ratio Lower Upper

84 100

49 148.3 117.5 176.3

51 47.0 37.0 55.4

86 62.2 49.3 73.9



Abundance Ion 83.90 (83.60 to 84.60): VF0

Ion 48.90 (48.60 to 49.60): VF0

Ion 50.90 (50.60 to 51.60): VF0

Ion 85.90 (85.60 to 86.60): VF0

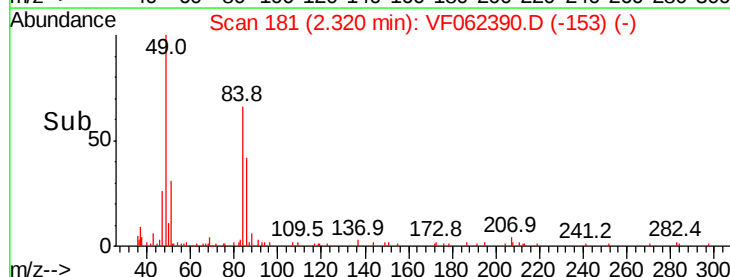
10000

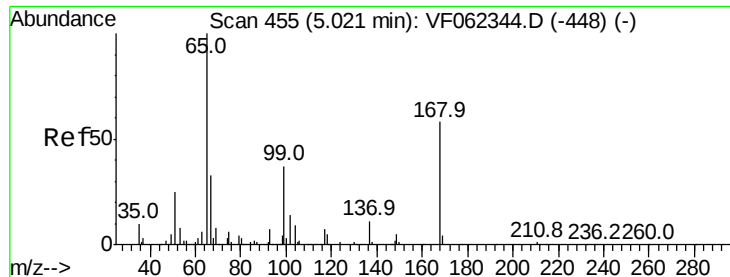
5000

0

Time-->

2.20 2.30 2.40





#33

1,2-Dichloroethane-d4

Concen: 49.759 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF062390.D

Acq: 8 May 2019 21:16

Instrument :

MSVOA_F

ClientSampleId :

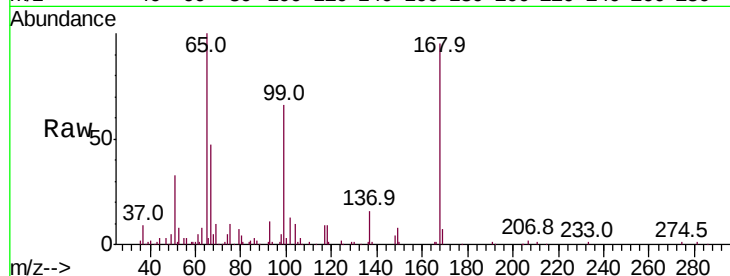
SB-03-1.0-1.5RE

Tot Ion: 65 Resp: 86691

Ion Ratio Lower Upper

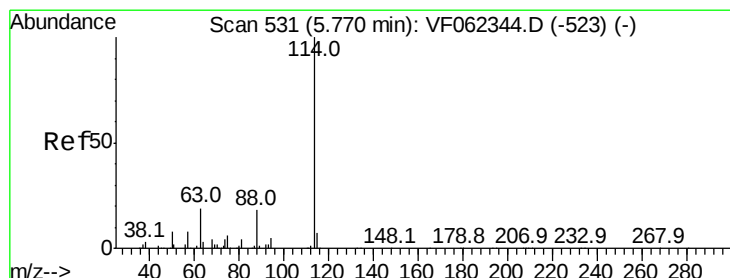
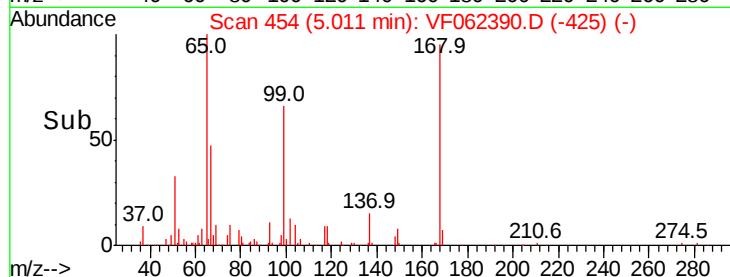
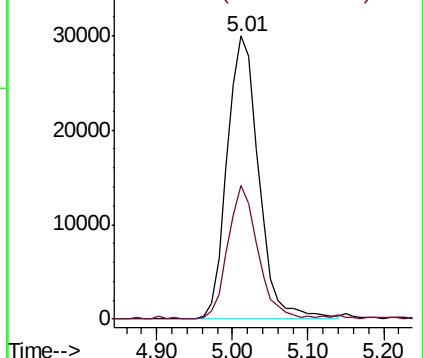
65 100

67 44.9 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF062390.D

Acq: 8 May 2019 21:16

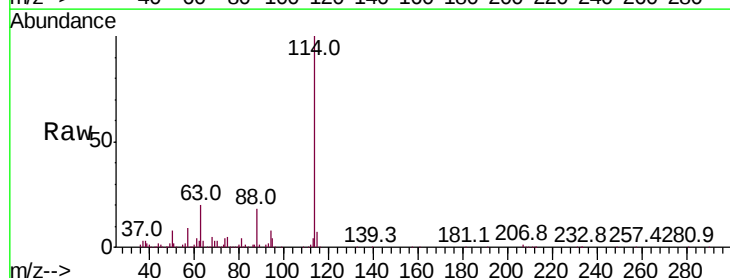
Tgt Ion: 114 Resp: 262135

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

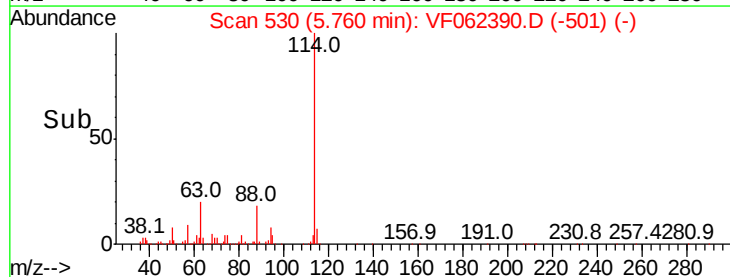
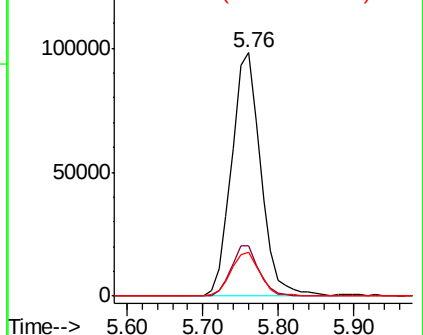
88 18.0 0.0 36.4

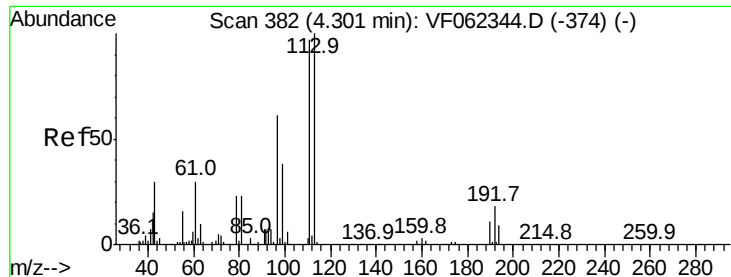


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0

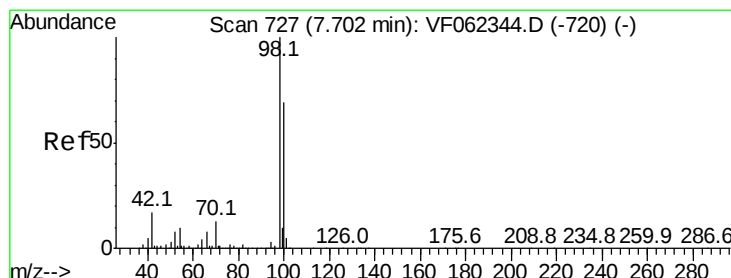
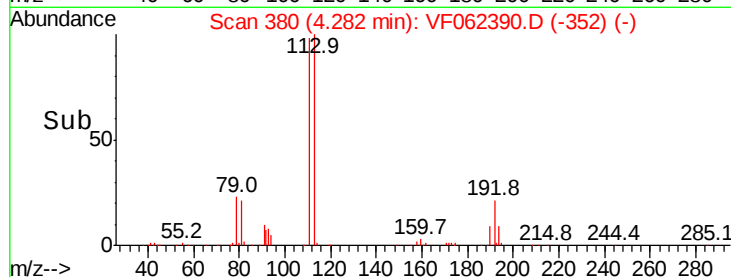
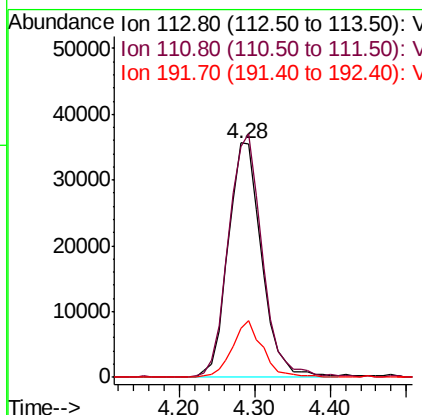
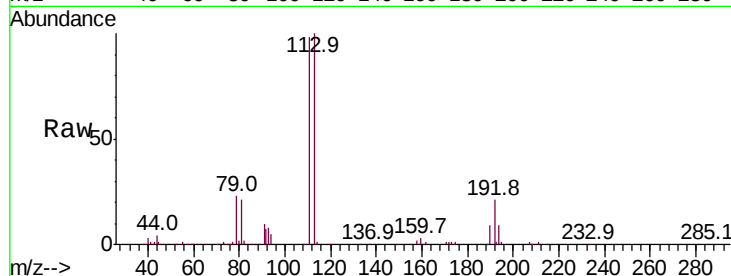




#35
 Dibromofluoromethane
 Concen: 52.494 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.02 min
 Lab File: VF062390.D
 Acq: 8 May 2019 21:16

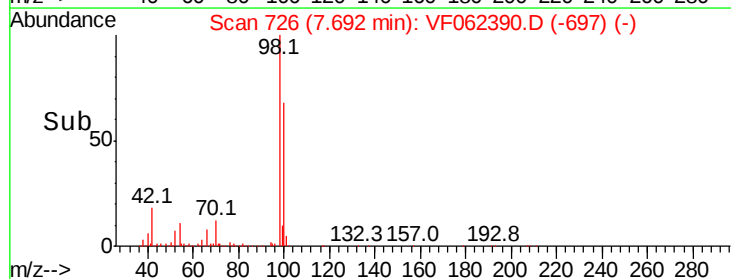
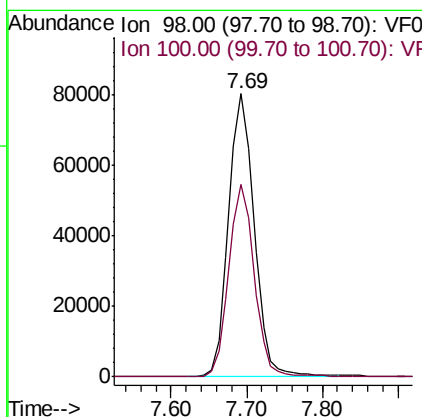
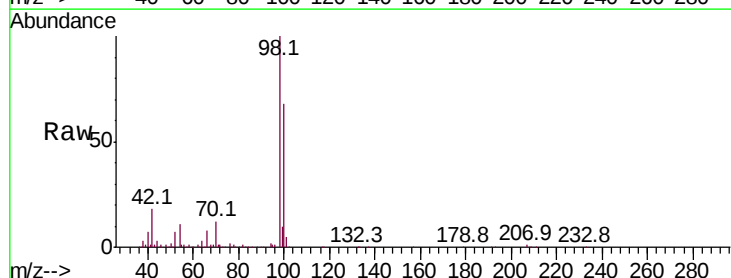
Instrument :
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 SB-03-1.0-1.5RE

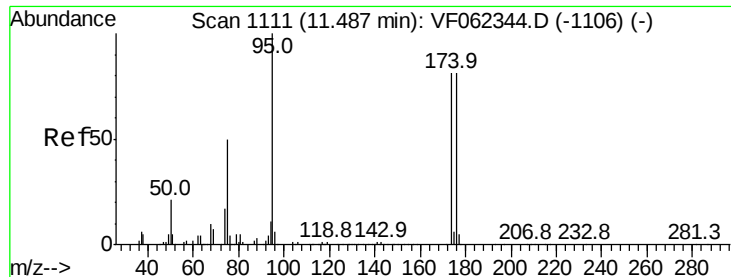
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	79.4	119.0
192	22.0	16.0	24.0



#50
 Toluene-d8
 Concen: 37.350 ug/l
 RT: 7.69 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: VF062390.D
 Acq: 8 May 2019 21:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.3	79.9





#62

4-Bromofluorobenzene

Concen: 28.651 ug/l

RT: 11.48 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VF062390.D

Acq: 8 May 2019 21:16

Instrument :

MSVOA_F

ClientSampleId :

SB-03-1.0-1.5RE

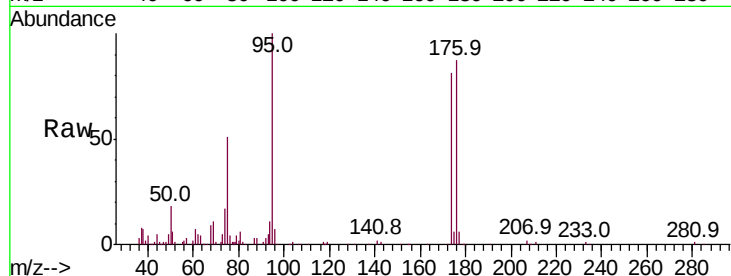
Tot Ion: 95 Resp: 65346

Ion Ratio Lower Upper

95 100

174 96.0 0.0 191.8

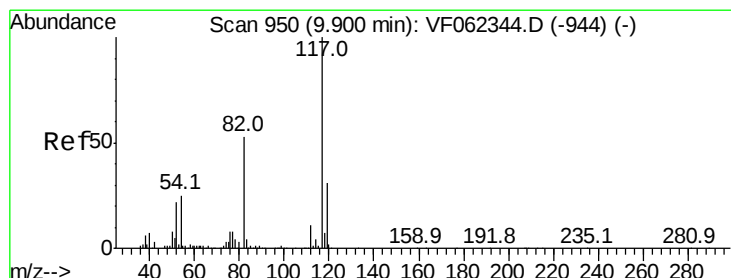
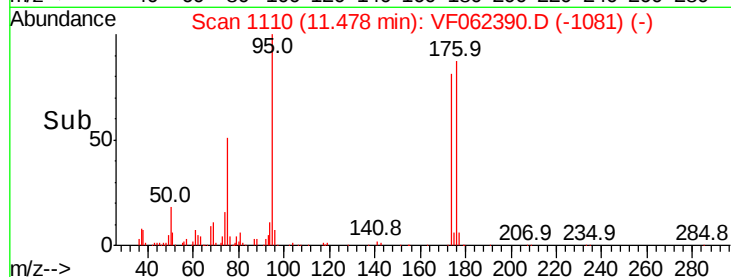
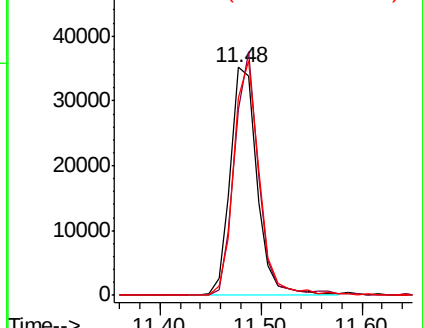
176 97.8 0.0 193.2



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.89 min Scan# 949

Delta R.T. -0.01 min

Lab File: VF062390.D

Acq: 8 May 2019 21:16

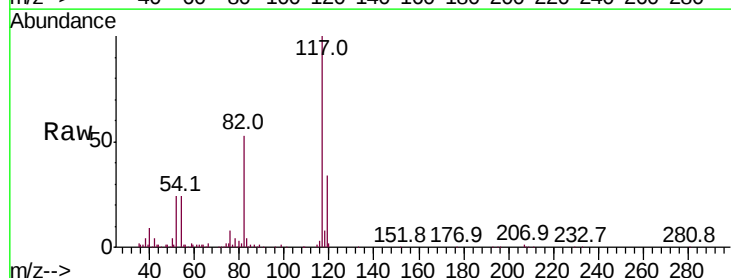
Tgt Ion: 117 Resp: 172456

Ion Ratio Lower Upper

117 100

82 53.2 42.2 63.2

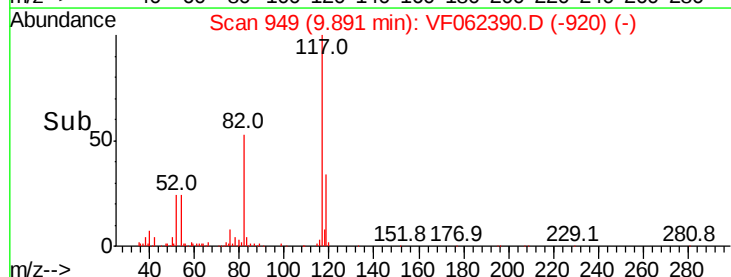
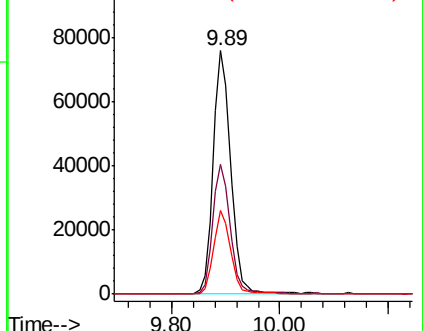
119 34.1 25.0 37.4

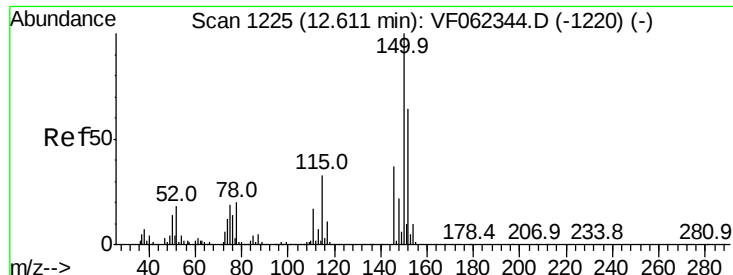


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.60 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VF062390.D

Acq: 8 May 2019 21:16

Instrument :

MSVOA_F

ClientSampleId :

SB-03-1.0-1.5RE

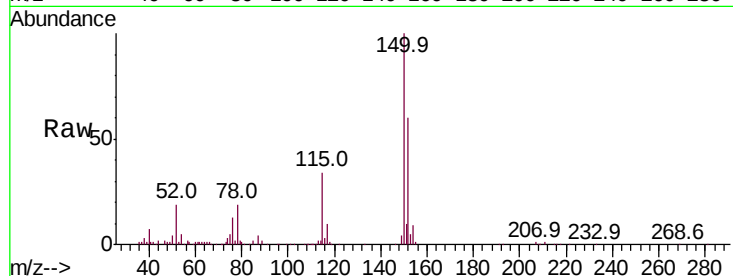
Tot Ion:152 Resp: 63312

Ion Ratio Lower Upper

152 100

115 59.9 26.4 79.2

150 161.7 0.0 335.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

