

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050819\
 Data File : VF062389.D
 Acq On : 8 May 2019 20:48
 Operator : FY/SY
 Sample : K2672-03
 Misc : 5.07g/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-02-1.0-1.5

Quant Time: May 09 05:45:27 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

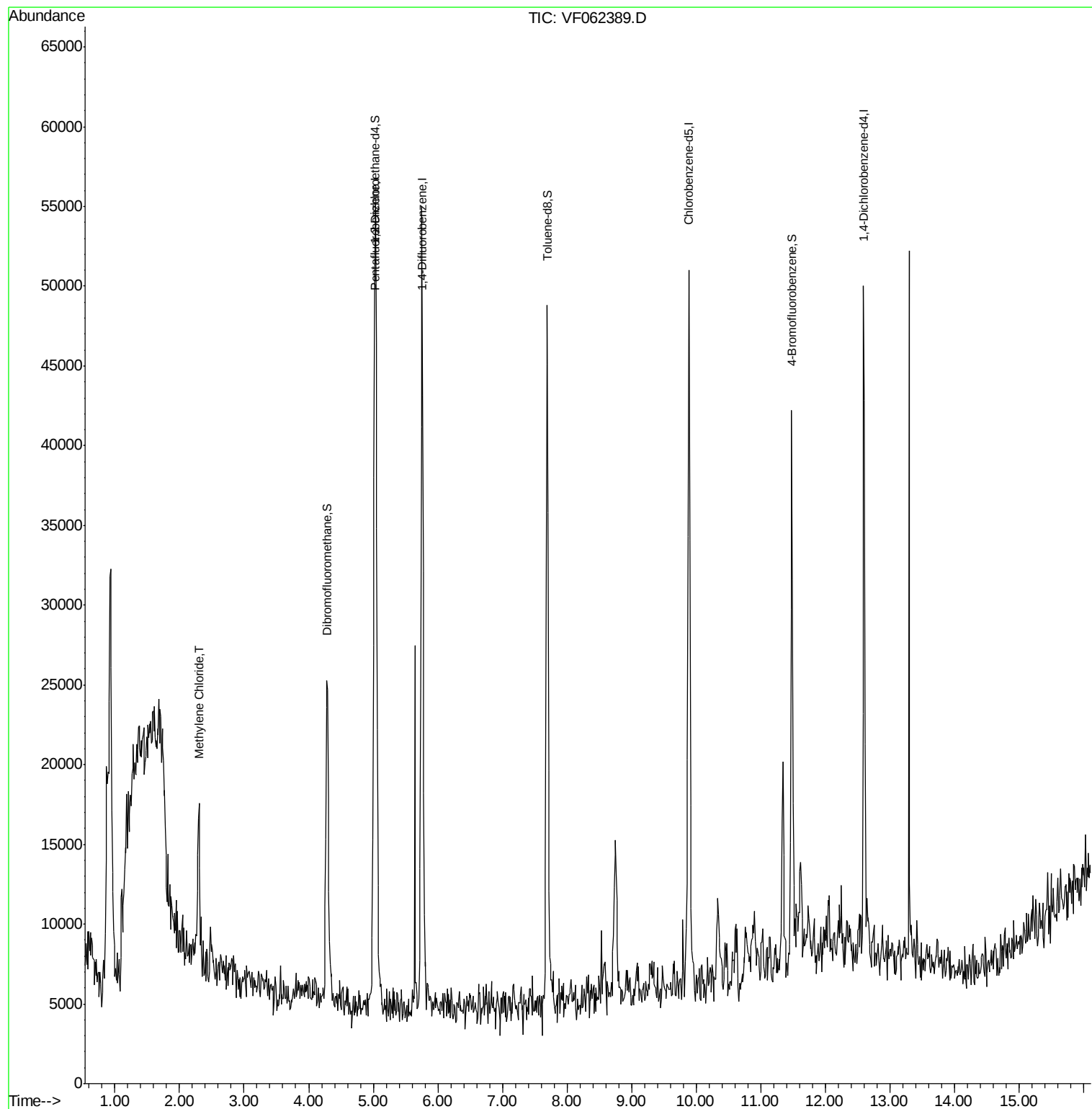
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	44906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	50668	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	31176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.59	152	11310	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	11973	28.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.42%	
35) Dibromofluoromethane	4.28	113	17265	42.77	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.54%	
50) Toluene-d8	7.70	98	35212	36.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.08%	
62) 4-Bromofluorobenzene	11.48	95	12349	28.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.02%	
Target Compounds						
20) Methylene Chloride	2.29	84	4651	14.974	ug/l #	Qvalue 77

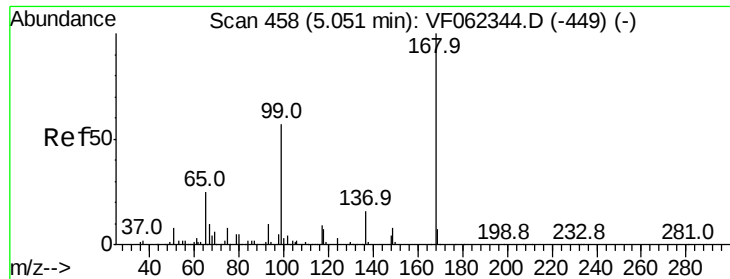
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

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ClientSampleId :

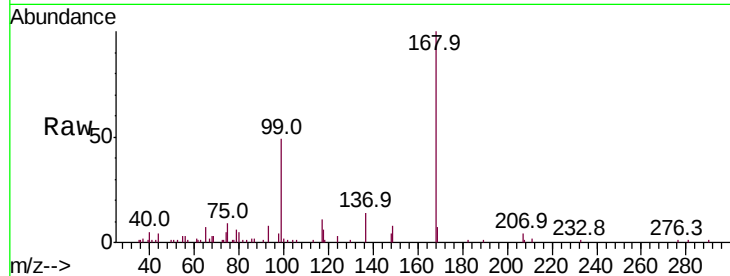
SB-02-1.0-1.5

Tot Ion:168 Resp: 44906

Ion Ratio Lower Upper

168 100

99 48.5 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.04

15000

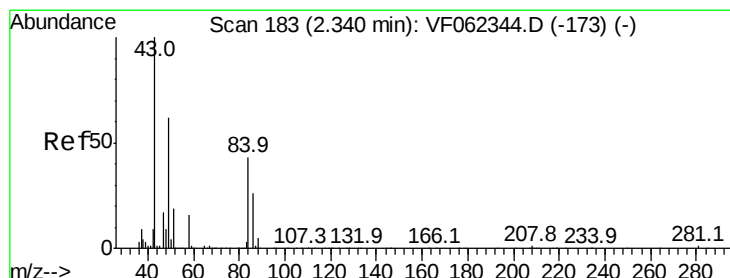
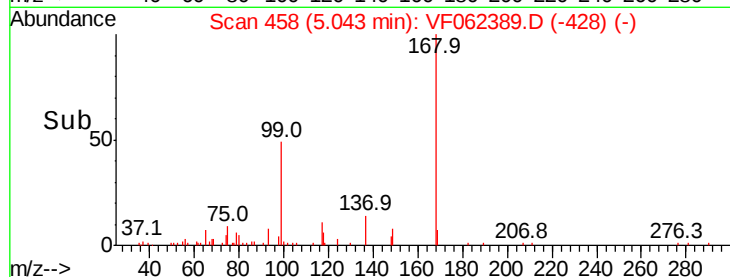
10000

5000

0

4.90 5.00 5.10 5.20

Time-->



#20

Methylene Chloride

Concen: 14.974 ug/l

RT: 2.29 min Scan# 179

Delta R.T. -0.05 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

Tgt Ion: 84 Resp: 4651

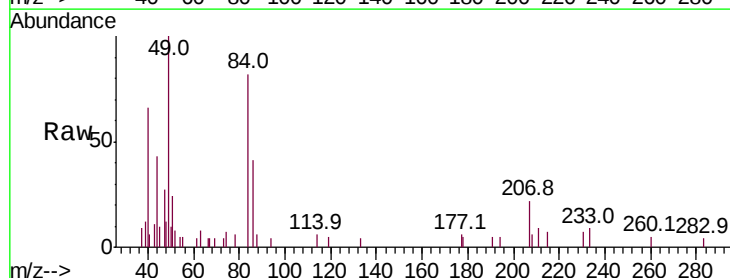
Ion Ratio Lower Upper

84 100

49 122.3 117.5 176.3

51 20.7 37.0 55.4#

86 45.3 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

4000

3000

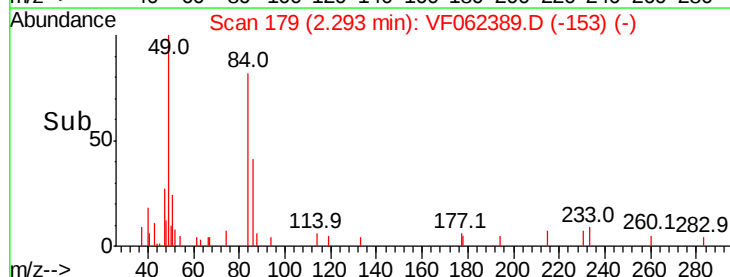
2000

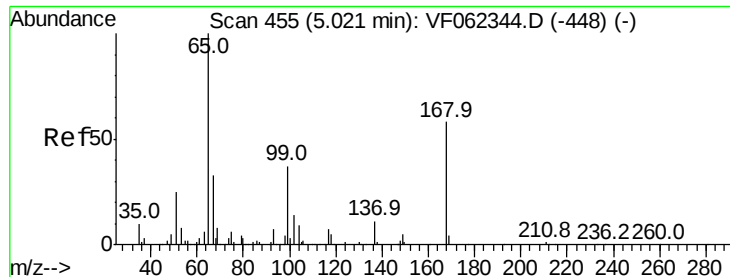
1000

0

2.20 2.25 2.30 2.35

Time-->





#33

1,2-Dichloroethane-d4

Concen: 28.213 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

Instrument :

MSVOA_F

ClientSampleId :

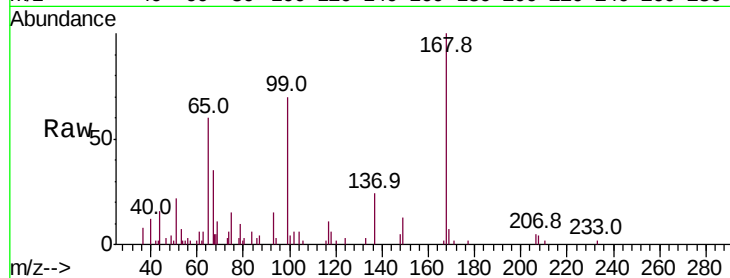
SB-02-1.0-1.5

Tot Ion: 65 Resp: 11973

Ion Ratio Lower Upper

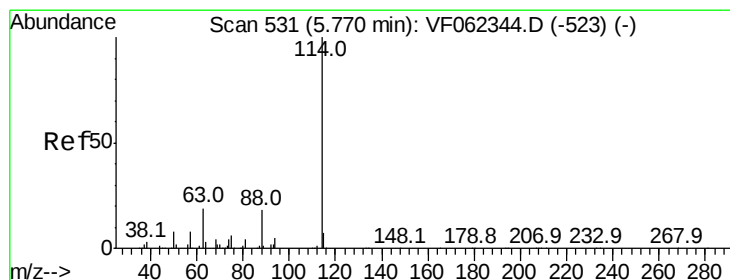
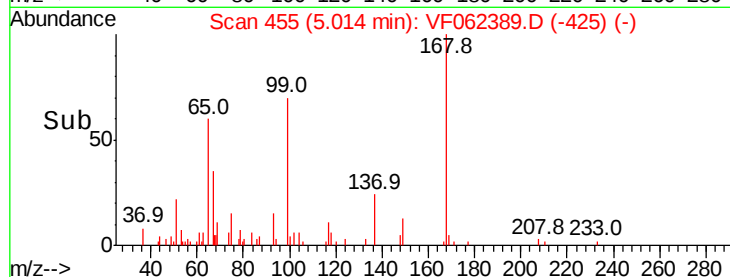
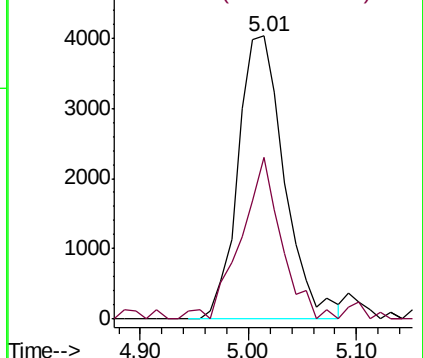
65 100

67 49.9 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: 5.75 min Scan# 530

Delta R.T. -0.02 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

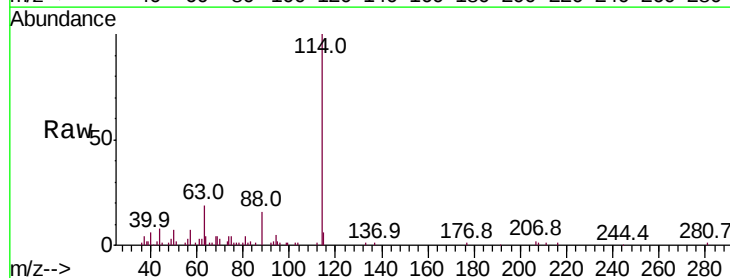
Tgt Ion: 114 Resp: 50668

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

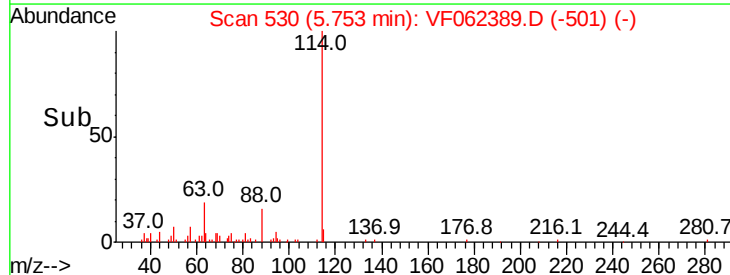
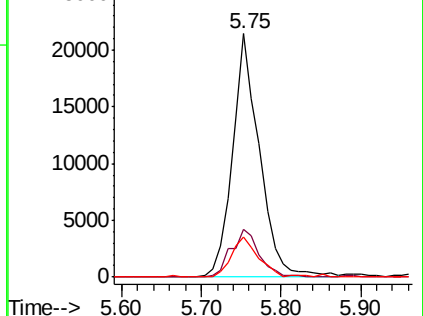
88 16.3 0.0 36.4

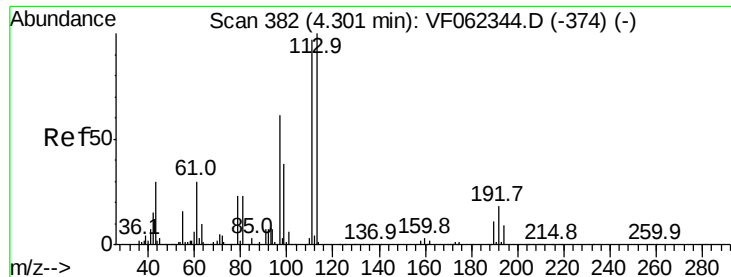


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0

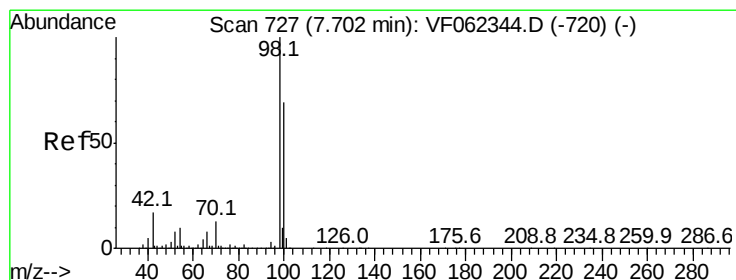
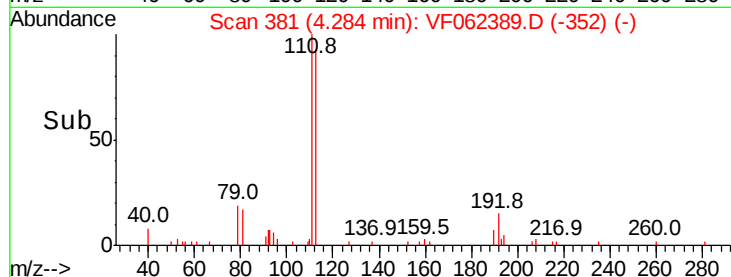
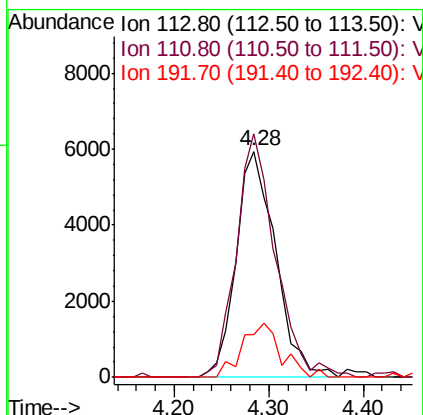
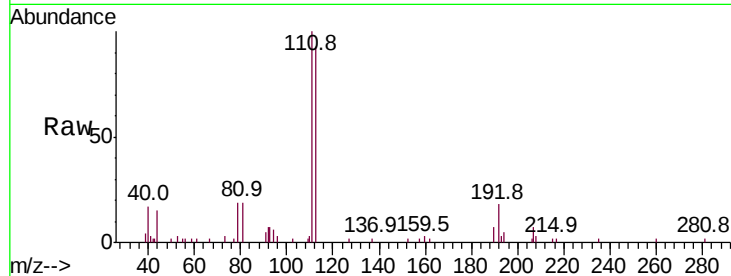




#35
 Dibromofluoromethane
 Concen: 42.771 ug/l
 RT: 4.28 min Scan# 381
 Delta R.T. -0.02 min
 Lab File: VF062389.D
 Acq: 8 May 2019 20:48

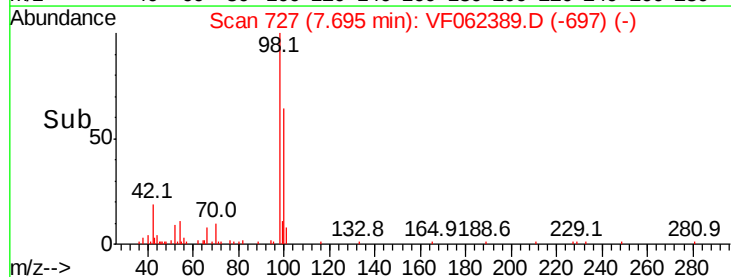
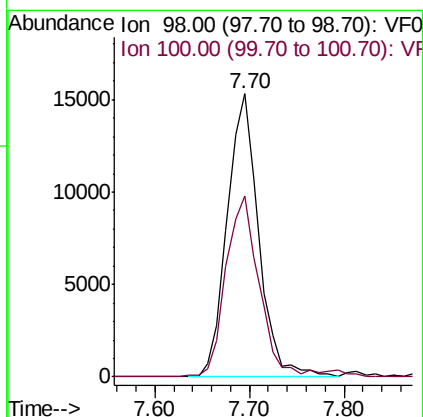
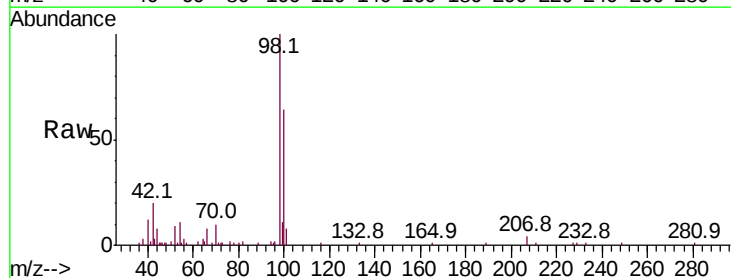
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-02-1.0-1.5

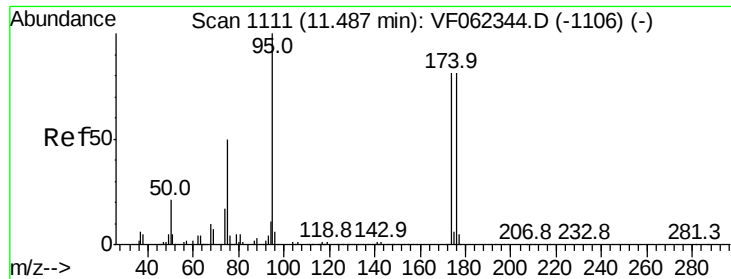
Tot Ion:113 Resp: 17265
 Ion Ratio Lower Upper
 113 100
 111 106.5 79.4 119.0
 192 23.8 16.0 24.0



#50
 Toluene-d8
 Concen: 36.036 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VF062389.D
 Acq: 8 May 2019 20:48

Tgt Ion: 98 Resp: 35212
 Ion Ratio Lower Upper
 98 100
 100 67.9 53.3 79.9

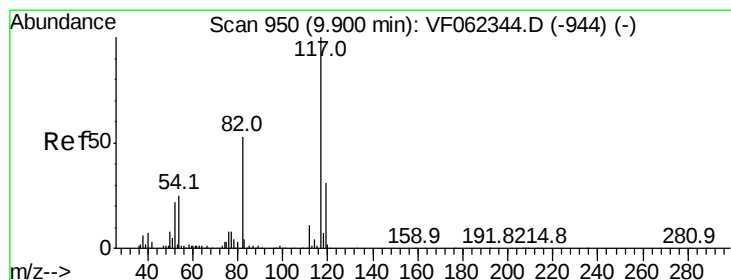
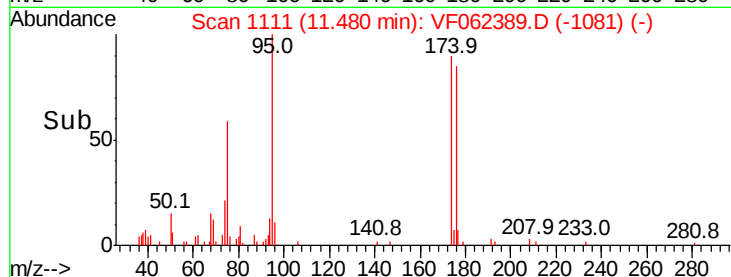
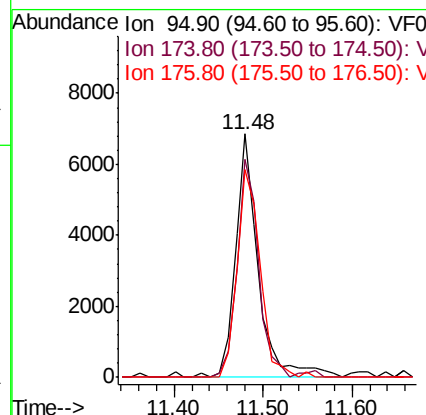
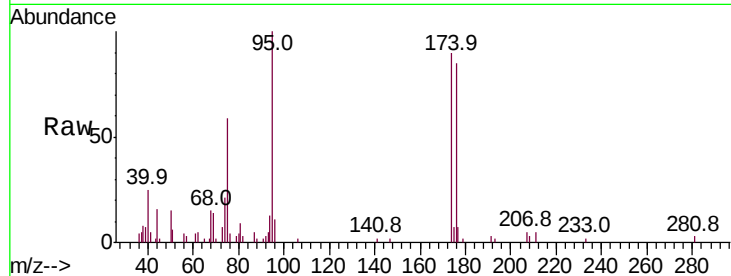




#62
4-Bromofluorobenzene
Concen: 28.012 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VF062389.D
Acq: 8 May 2019 20:48

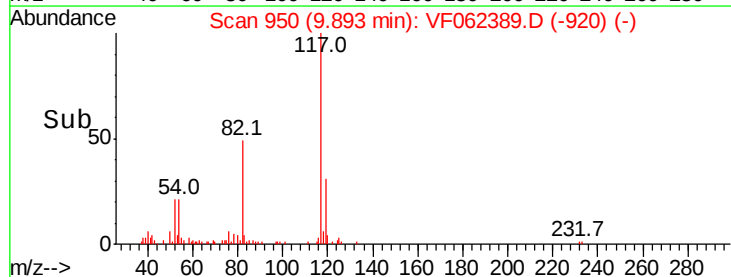
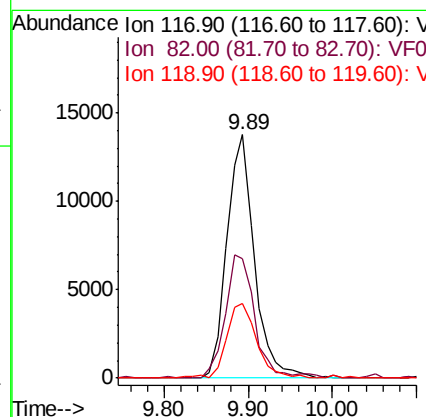
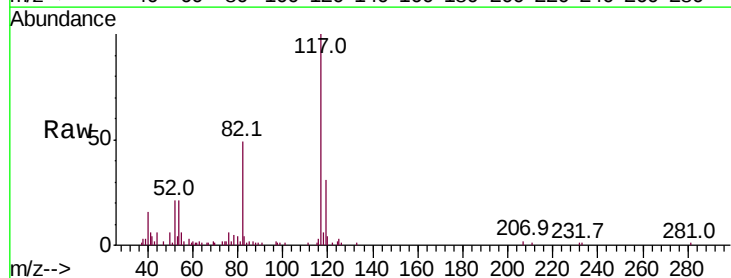
Instrument :
MSVOA_F
ClientSampleId :
SB-02-1.0-1.5

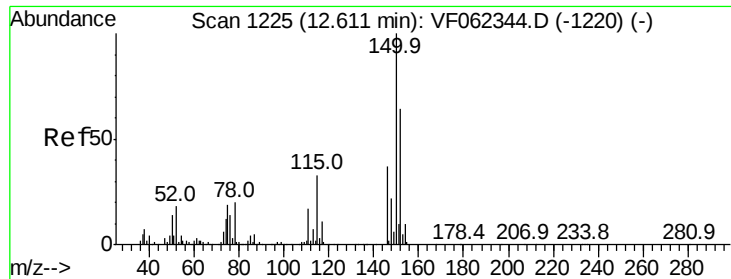
Tot Ion	95	Resp	12349
Ion Ratio	Lower	Upper	
95	100		
174	84.7	0.0	191.8
176	86.4	0.0	193.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF062389.D
Acq: 8 May 2019 20:48

Tgt Ion	117	Resp	31176
Ion Ratio	Lower	Upper	
117	100		
82	49.0	42.2	63.2
119	30.6	25.0	37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.59 min Scan# 1224

Delta R.T. -0.02 min

Lab File: VF062389.D

Acq: 8 May 2019 20:48

Instrument :

MSVOA_F

ClientSampleId :

SB-02-1.0-1.5

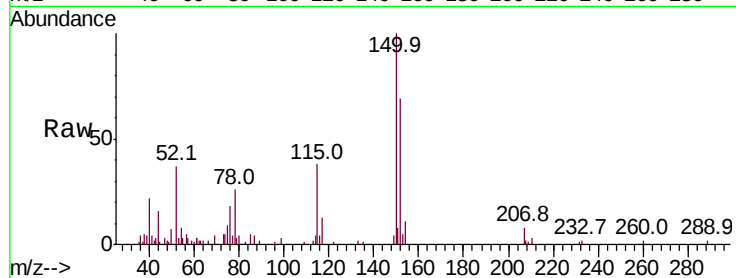
Tot Ion:152 Resp: 11310

Ion Ratio Lower Upper

152 100

115 49.5 26.4 79.2

150 141.3 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

