

Data File : VF062491.D
Acq On : 12 May 2019 7:06
Operator : FY/SY
Sample : K2756-08
Misc : 5.21g/5mL/MSVOA_F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Quant Time: May 12 12:02:54 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

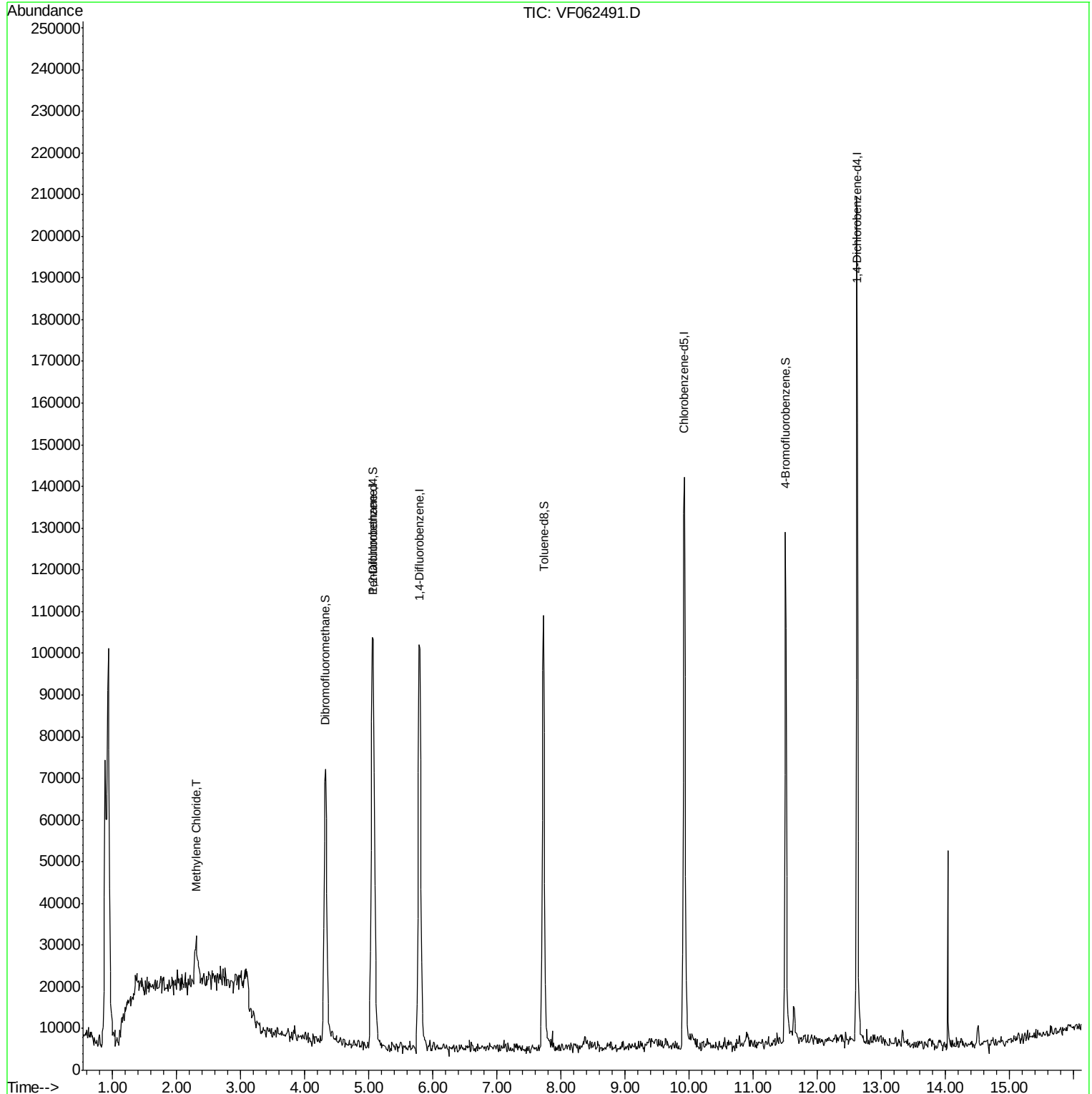
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	80332	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	107825	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	100364	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	51487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	49639	65.39	ug/l	0.02
Spiked Amount 50.000			Recovery	=	130.78%	
35) Dibromofluoromethane	4.33	113	60235	70.12	ug/l	0.02
Spiked Amount 50.000			Recovery	=	140.24%	
50) Toluene-d8	7.73	98	87826	42.24	ug/l	0.02
Spiked Amount 50.000			Recovery	=	84.48%	
62) 4-Bromofluorobenzene	11.50	95	41476	44.21	ug/l	0.01
Spiked Amount 50.000			Recovery	=	88.42%	
Target Compounds						
20) Methylene Chloride	2.30	84	6440	11.590	ug/l #	Qvalue 66

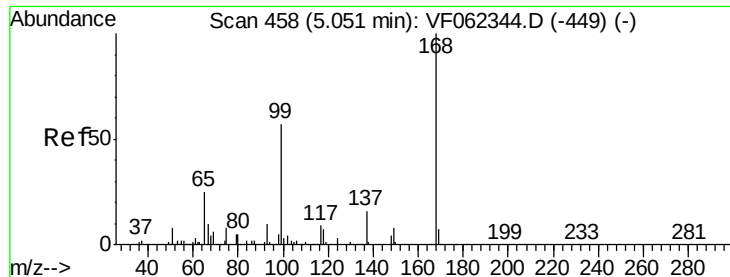
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 461

Delta R.T. 0.02 min

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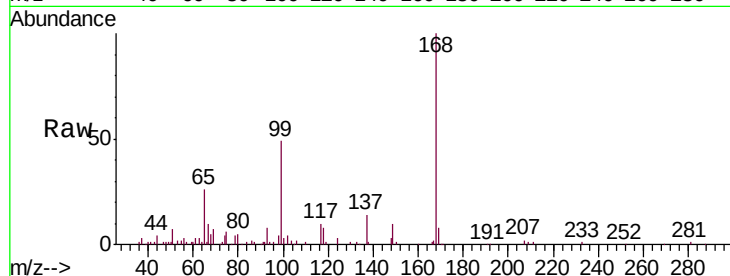
P021-SS006-0612-01

Tgt Ion:168 Resp: 80332

Ion Ratio Lower Upper

168 100

99 49.4 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.07

30000

25000

20000

15000

10000

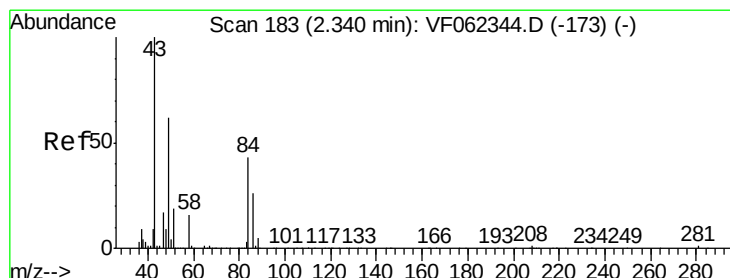
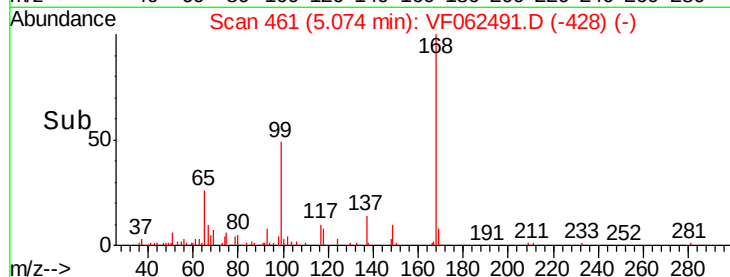
5000

0

Time-->

5.00

5.20



#20

Methylene Chloride

Concen: 11.590 ug/l

RT: 2.30 min Scan# 180

Delta R.T. -0.04 min

Lab File: VF062491.D

Acq: 12 May 2019 7:06

Tgt Ion: 84 Resp: 6440

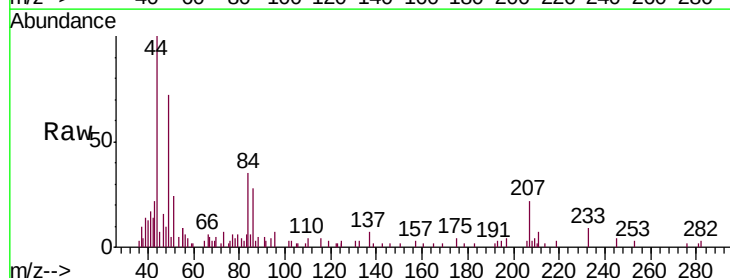
Ion Ratio Lower Upper

84 100

49 203.6 117.5 176.3#

51 55.3 37.0 55.4

86 79.5 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

5000

4000

3000

2000

1000

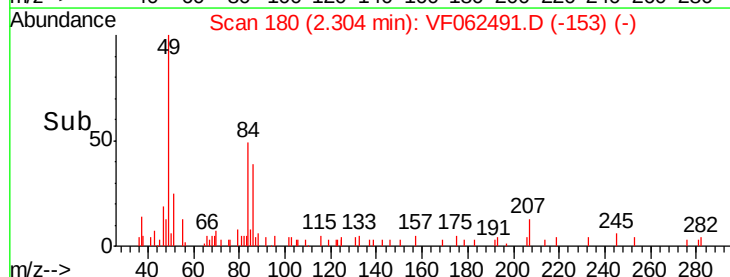
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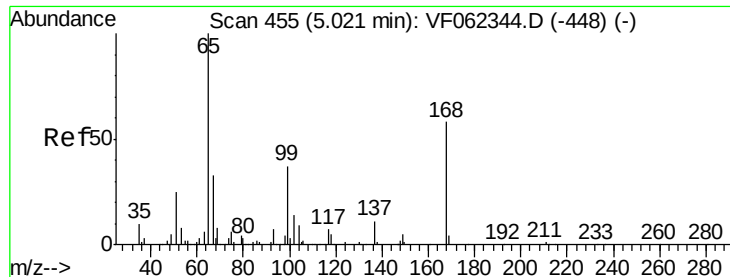
Time-->

2.20

2.30

2.40

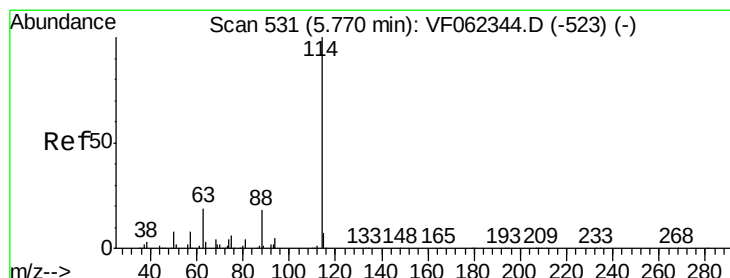
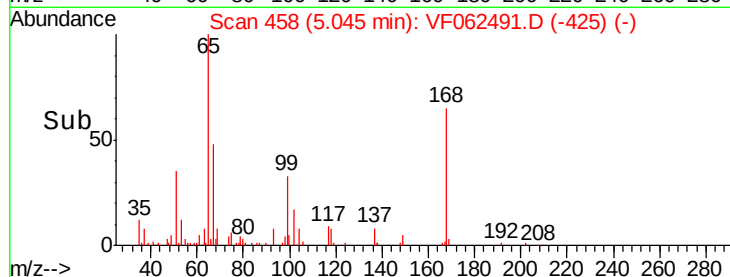
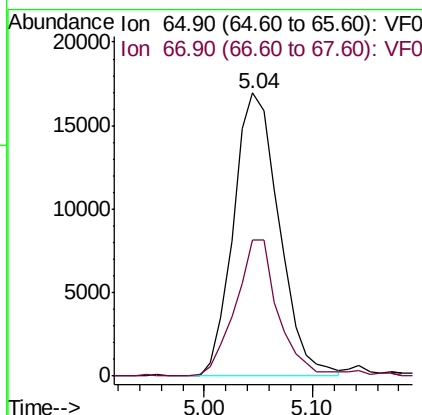
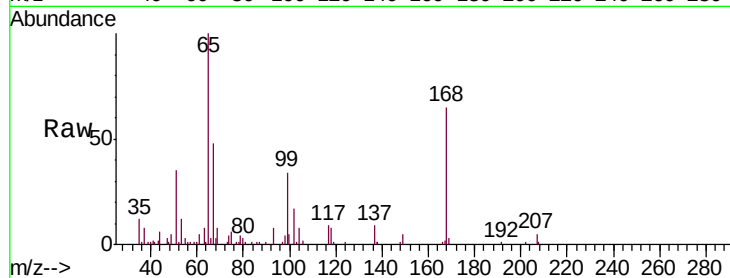




#33
 1,2-Dichloroethane-d4
 Concen: 65.386 ug/l
 RT: 5.04 min Scan# 458
 Delta R.T. 0.02 min
 Lab File: VF062491.D
 Acq: 12 May 2019 7:06

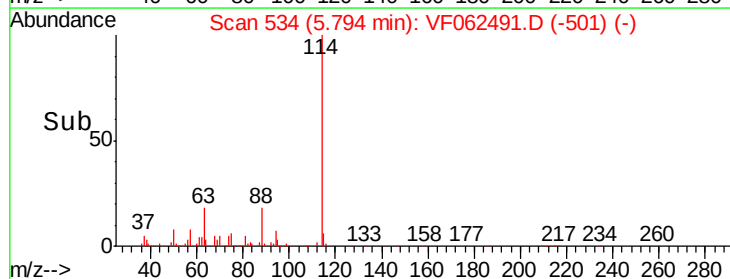
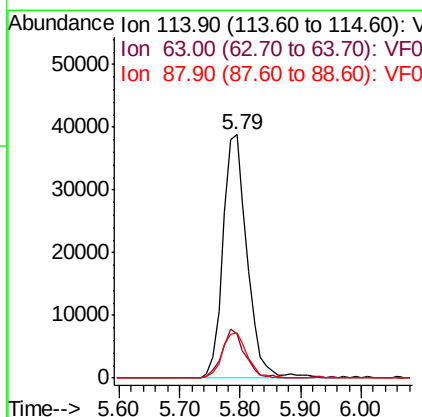
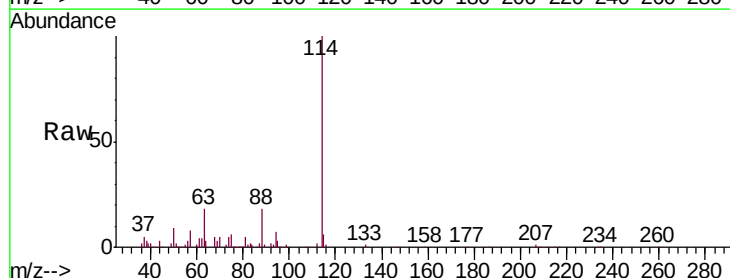
Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS006-0612-01

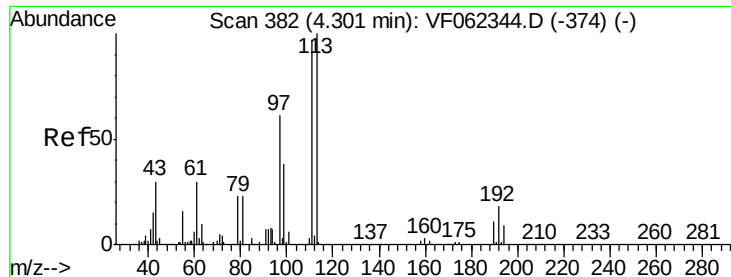
Tgt Ion: 65 Resp: 49639
 Ion Ratio Lower Upper
 65 100
 67 45.3 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VF062491.D
 Acq: 12 May 2019 7:06

Tgt Ion: 114 Resp: 107825
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 37.4
 88 18.3 0.0 36.4

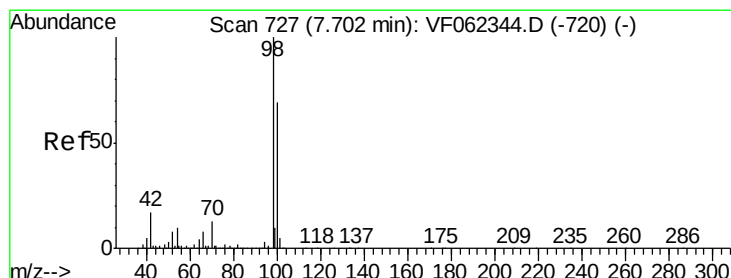
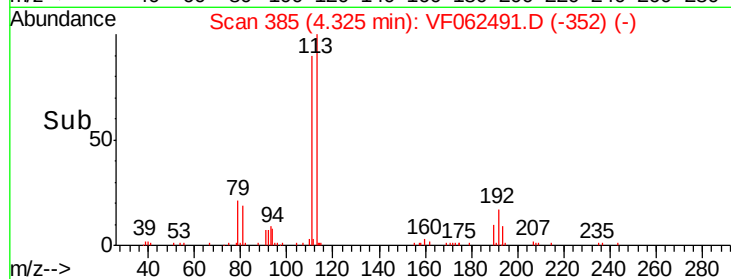
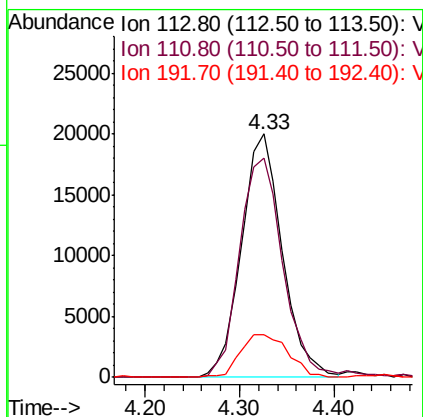
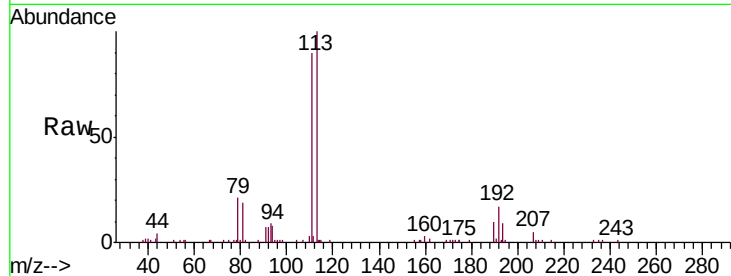




#35
 Dibromofluoromethane
 Concen: 70.120 ug/l
 RT: 4.33 min Scan# 385
 Delta R.T. 0.02 min
 Lab File: VF062491.D
 Acq: 12 May 2019 7:06

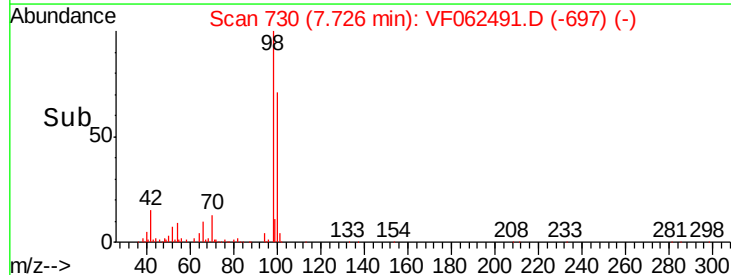
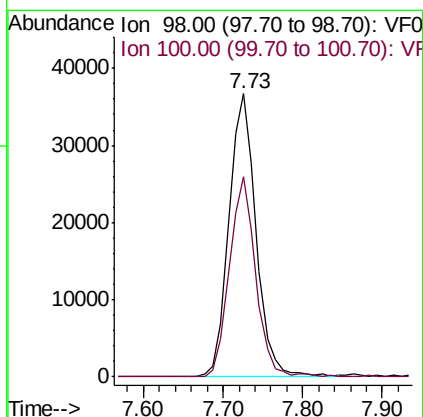
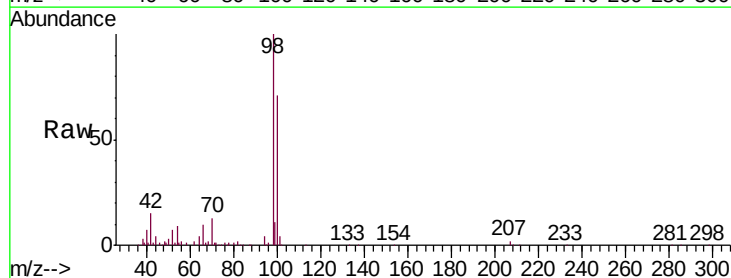
Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS006-0612-01

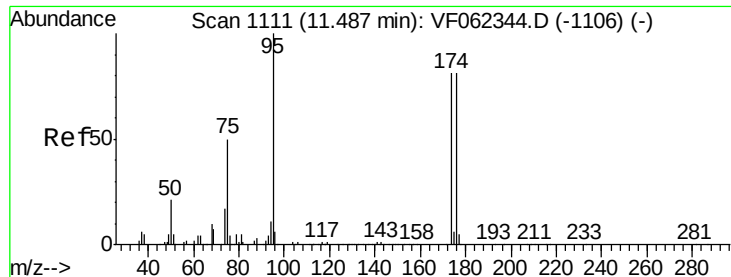
Tgt Ion: 113 Resp: 60235
 Ion Ratio Lower Upper
 113 100
 111 96.8 79.4 119.0
 192 20.5 16.0 24.0



#50
 Toluene-d8
 Concen: 42.236 ug/l
 RT: 7.73 min Scan# 730
 Delta R.T. 0.02 min
 Lab File: VF062491.D
 Acq: 12 May 2019 7:06

Tgt Ion: 98 Resp: 87826
 Ion Ratio Lower Upper
 98 100
 100 68.1 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 44.211 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF062491.D

Acq: 12 May 2019 7:06

Instrument :

MSVOA_F

ClientSampleId :

P021-SS006-0612-01

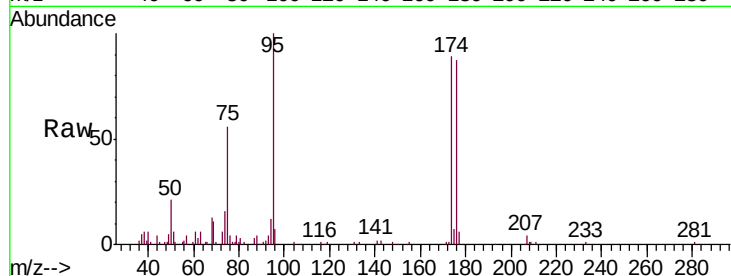
Tgt Ion: 95 Resp: 41476

Ion Ratio Lower Upper

95 100

174 96.1 0.0 191.8

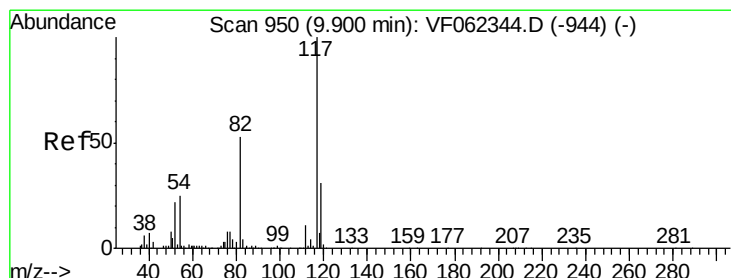
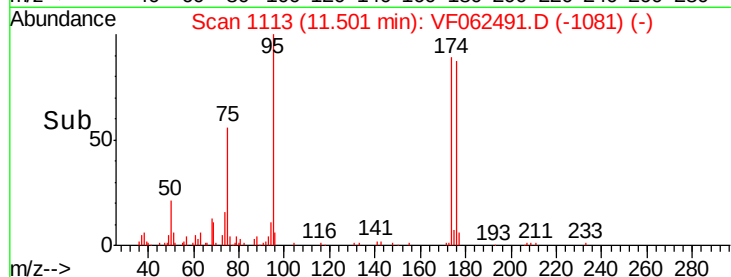
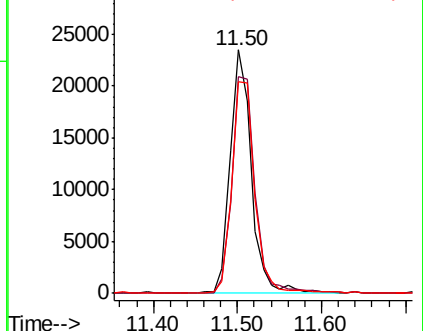
176 93.9 0.0 193.2



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): VF0

Ion 175.80 (175.50 to 176.50): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 953

Delta R.T. 0.02 min

Lab File: VF062491.D

Acq: 12 May 2019 7:06

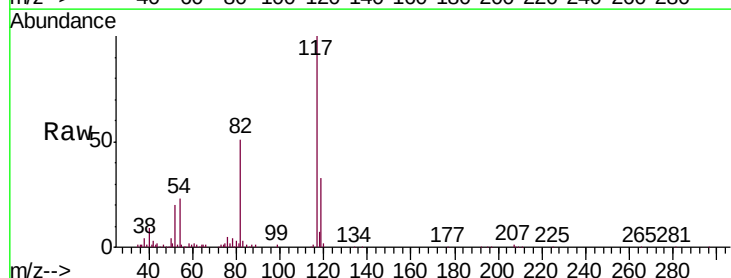
Tgt Ion: 117 Resp: 100364

Ion Ratio Lower Upper

117 100

82 50.5 42.2 63.2

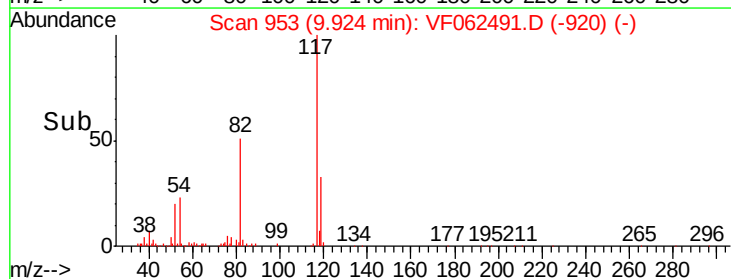
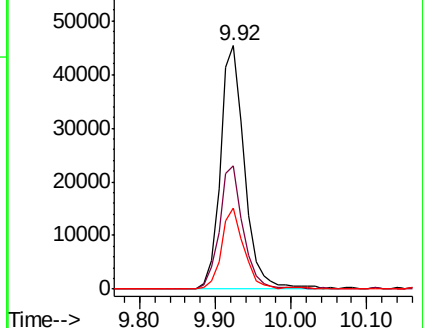
119 33.0 25.0 37.4

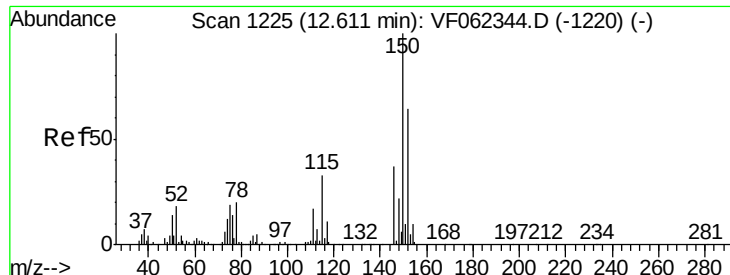


Abundance Ion 116.90 (116.60 to 117.60): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.00 min

Lab File: VF062491.D

Acq: 12 May 2019 7:06

Instrument :

MSVOA_F

ClientSampleId :

P021-SS006-0612-01

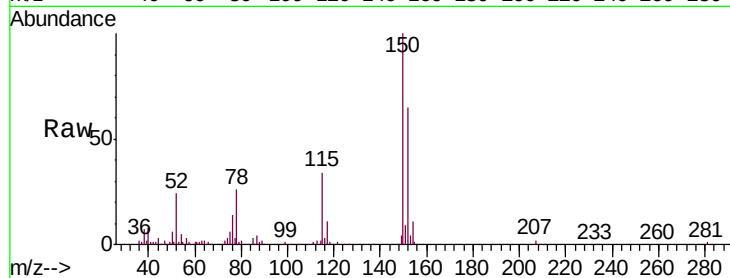
Tgt Ion:152 Resp: 51487

Ion Ratio Lower Upper

152 100

115 57.6 26.4 79.2

150 159.0 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

