

Data File : VF062493.D
Acq On : 12 May 2019 8:02
Operator : FY/SY
Sample : K2756-10
Misc : 5.37g/5mL/MSVOA_F/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-1824-01

Quant Time: May 12 12:04:06 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

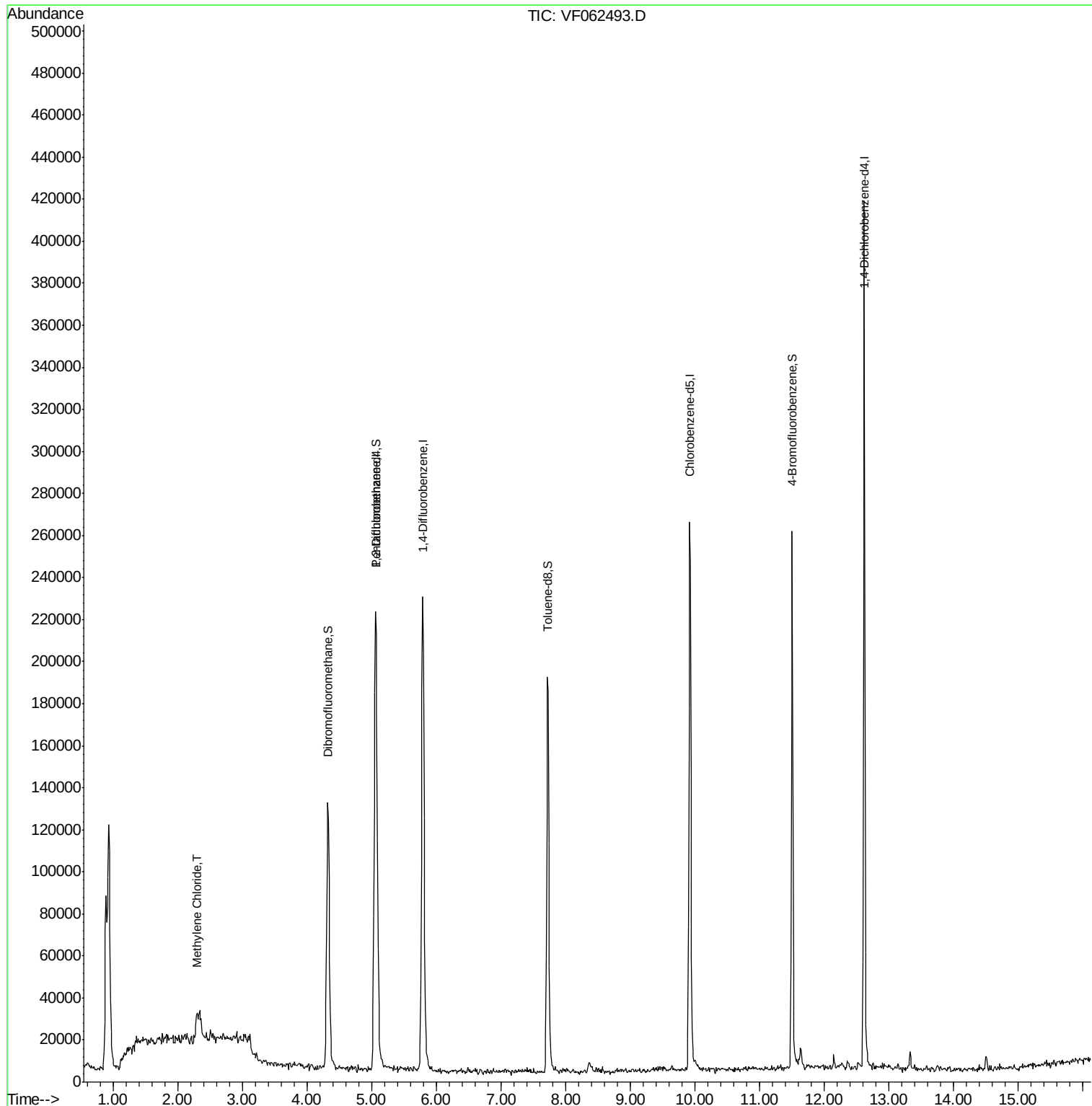
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	164089	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	242146	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	195521	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	102801	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	105125	67.79	ug/l	0.03
Spiked Amount 50.000			Recovery	=	135.58%	
35) Dibromofluoromethane	4.32	113	111772	57.94	ug/l	0.02
Spiked Amount 50.000			Recovery	=	115.88%	
50) Toluene-d8	7.73	98	159767	34.21	ug/l	0.03
Spiked Amount 50.000			Recovery	=	68.42%	
62) 4-Bromofluorobenzene	11.50	95	80416	38.17	ug/l	0.02
Spiked Amount 50.000			Recovery	=	76.34%	
Target Compounds						
20) Methylene Chloride	2.30	84	11647	10.262	ug/l #	Qvalue 89

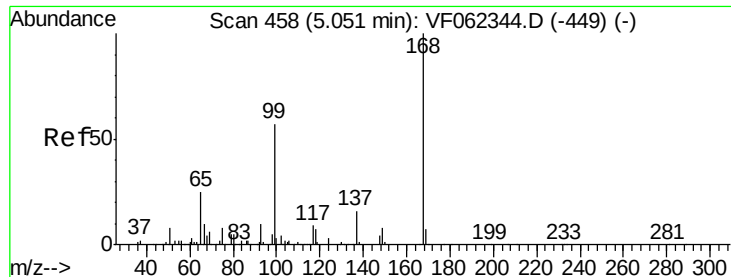
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VF062493.D
Acq On : 12 May 2019 8:02
Operator : FY/SY
Sample : K2756-10
Misc : 5.37g/5mL/MSVOA_F/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-1824-01

Quant Time: May 12 12:04:06 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.02 min

Lab File: VF062493.D

Acq: 12 May 2019 8:02

Instrument :

MSVOA_F

ClientSampleId :

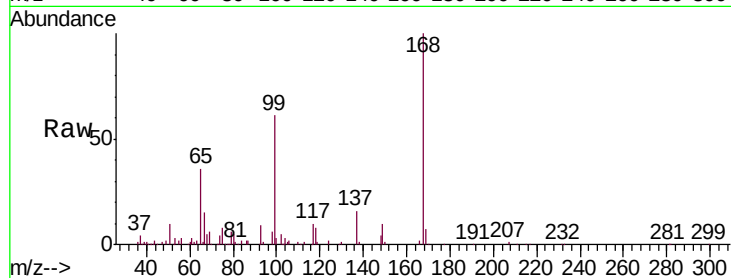
P021-SS006-1824-01

Tgt Ion:168 Resp: 164089

Ion Ratio Lower Upper

168 100

99 60.3 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.07

60000

50000

40000

30000

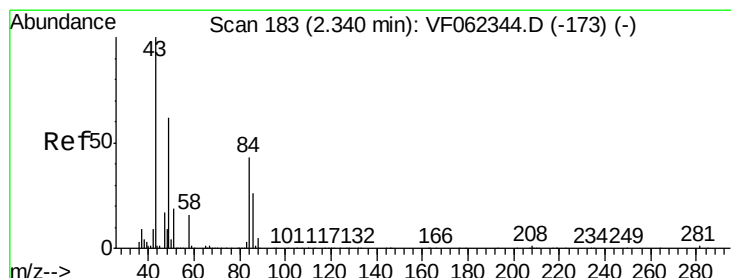
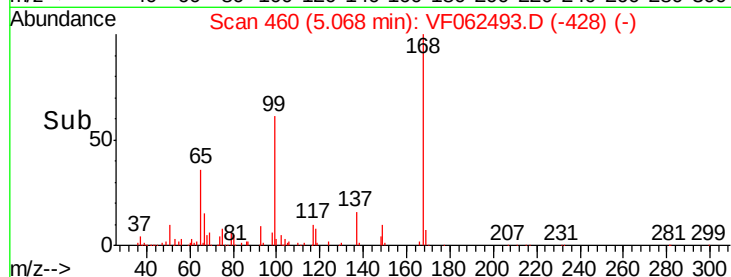
20000

10000

0

Time-->

5.00 5.10 5.20



#20

Methylene Chloride

Concen: 10.262 ug/l

RT: 2.30 min Scan# 179

Delta R.T. -0.04 min

Lab File: VF062493.D

Acq: 12 May 2019 8:02

Tgt Ion: 84 Resp: 11647

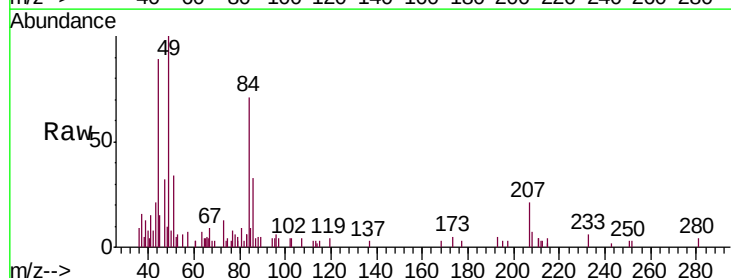
Ion Ratio Lower Upper

84 100

49 135.5 117.5 176.3

51 42.9 37.0 55.4

86 46.8 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

6000

5000

4000

3000

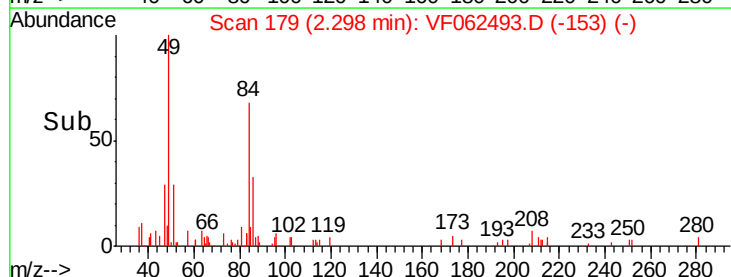
2000

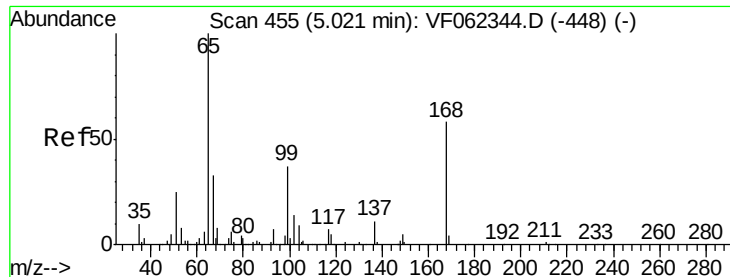
1000

0

Time-->

2.20 2.30 2.40

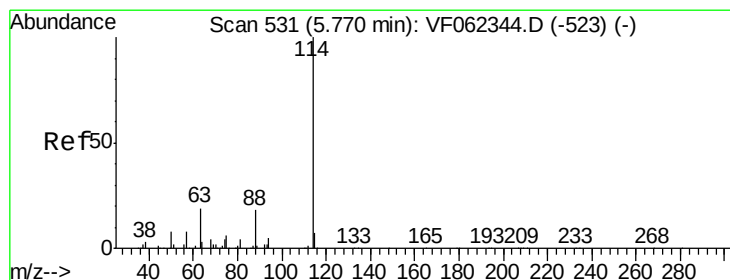
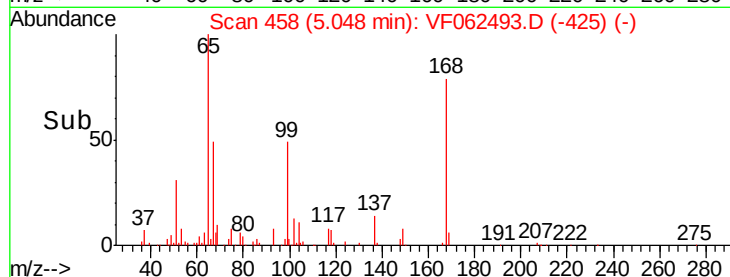
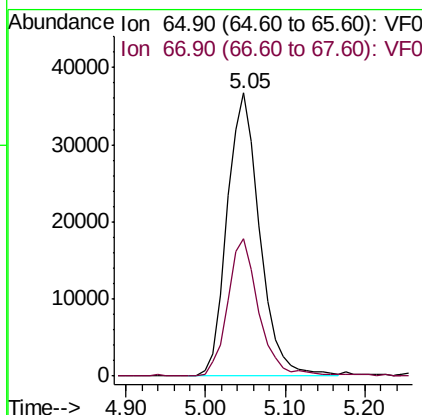
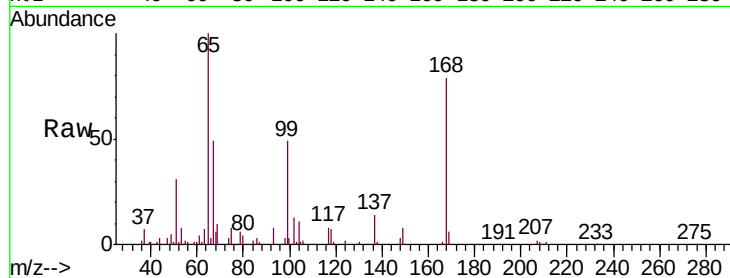




#33
 1,2-Dichloroethane-d4
 Concen: 67.791 ug/l
 RT: 5.05 min Scan# 458
 Delta R.T. 0.03 min
 Lab File: VF062493.D
 Acq: 12 May 2019 8:02

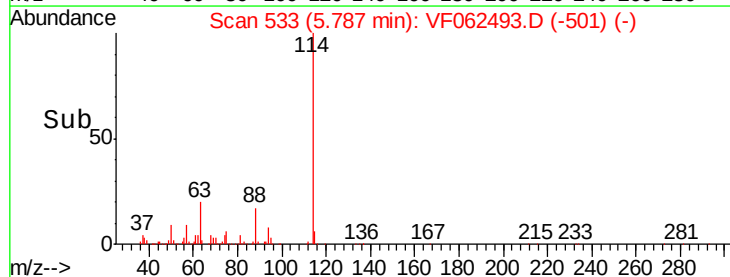
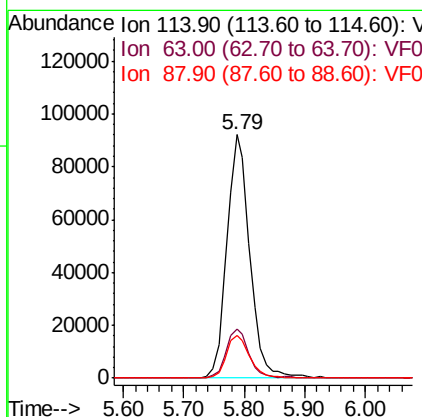
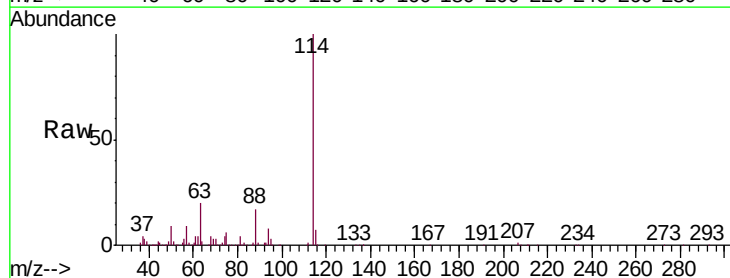
Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS006-1824-01

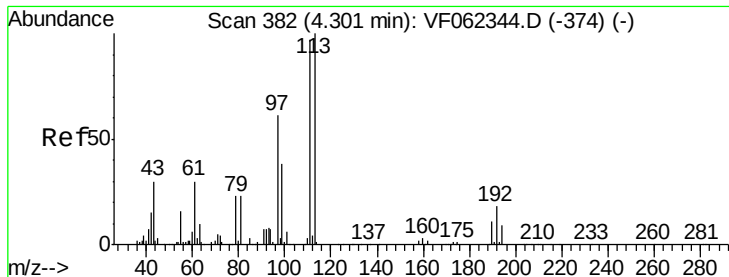
Tgt Ion: 65 Resp: 105125
 Ion Ratio Lower Upper
 65 100
 67 46.4 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: VF062493.D
 Acq: 12 May 2019 8:02

Tgt Ion: 114 Resp: 242146
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 37.4
 88 17.4 0.0 36.4





#35

Dibromofluoromethane

Concen: 57.939 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.02 min

Lab File: VF062493.D

Acq: 12 May 2019 8:02

Instrument :

MSVOA_F

ClientSampleId :

P021-SS006-1824-01

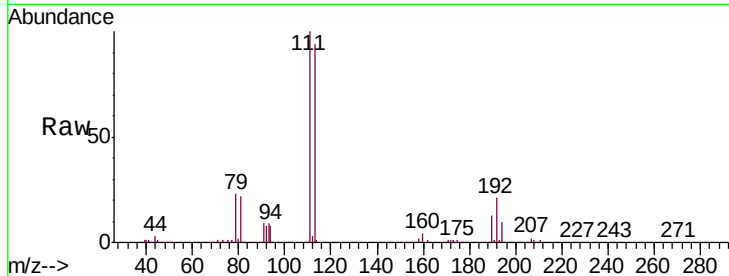
Tgt Ion:113 Resp: 111772

Ion Ratio Lower Upper

113 100

111 103.7 79.4 119.0

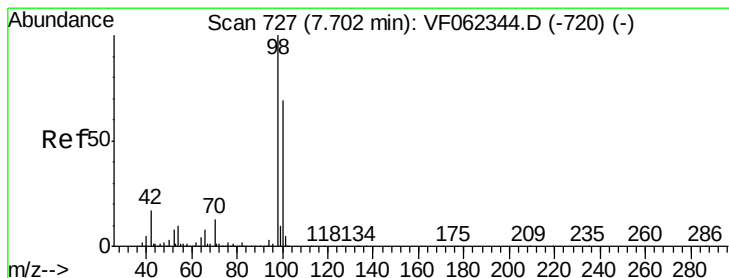
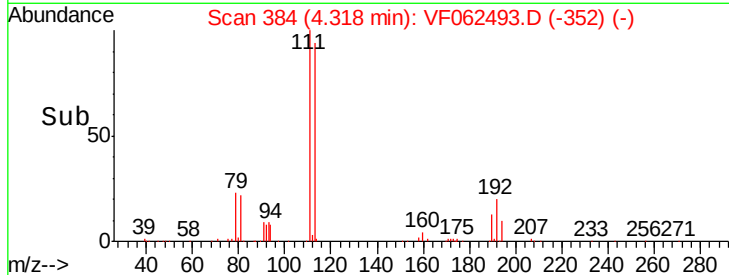
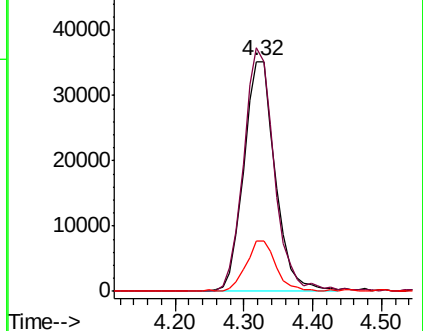
192 21.4 16.0 24.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 34.213 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.03 min

Lab File: VF062493.D

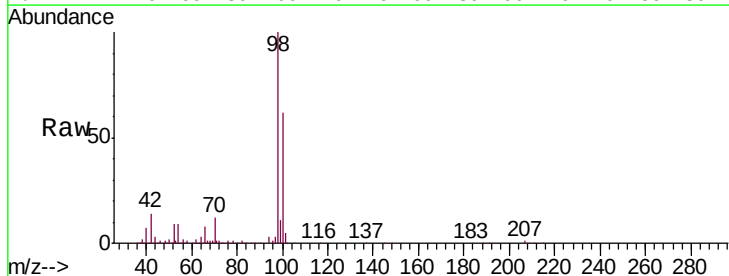
Acq: 12 May 2019 8:02

Tgt Ion: 98 Resp: 159767

Ion Ratio Lower Upper

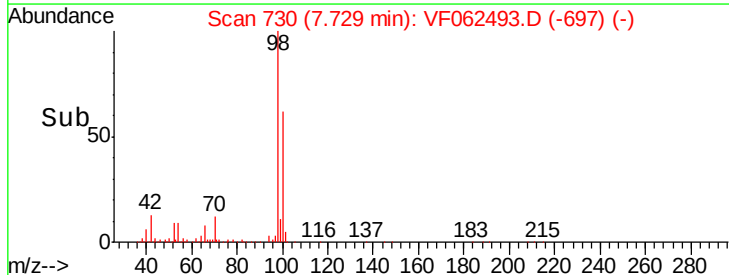
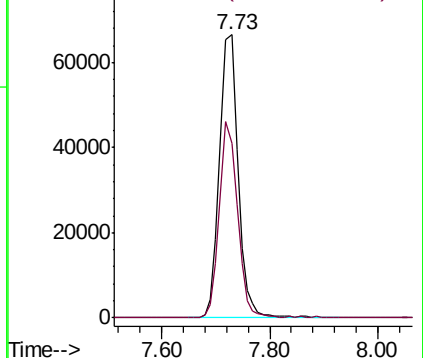
98 100

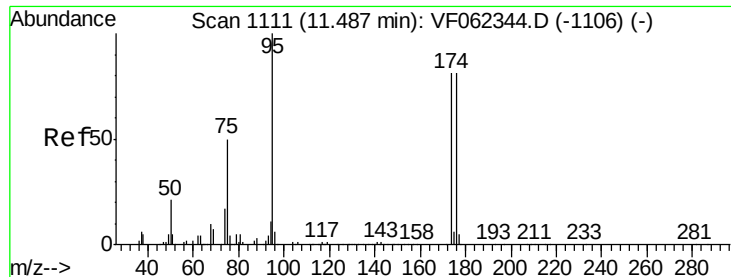
100 67.1 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 38.169 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062493.D

Acq: 12 May 2019 8:02

Instrument :

MSVOA_F

ClientSampleId :

P021-SS006-1824-01

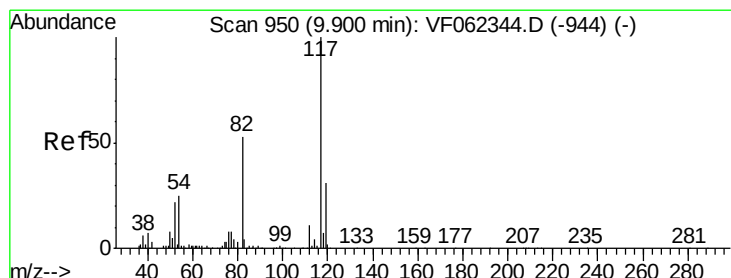
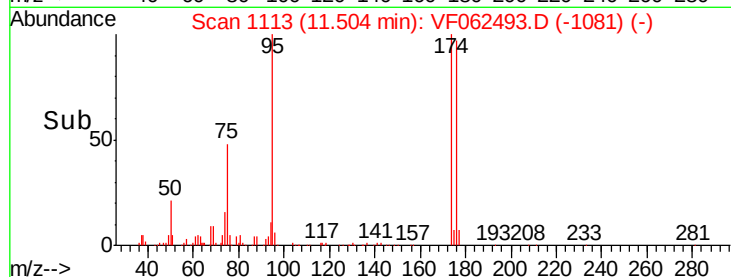
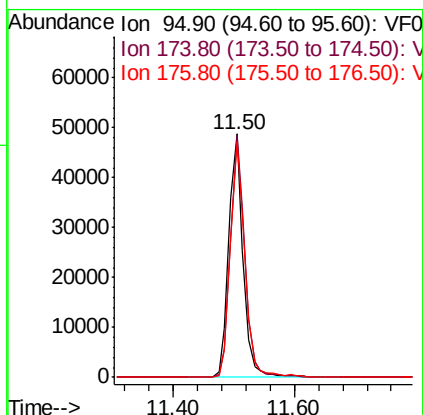
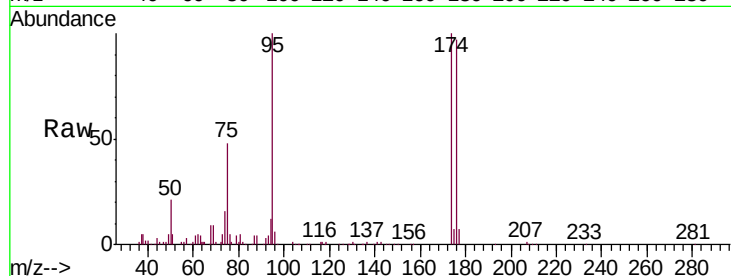
Tgt Ion: 95 Resp: 80416

Ion Ratio Lower Upper

95 100

174 100.6 0.0 191.8

176 98.3 0.0 193.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. 0.02 min

Lab File: VF062493.D

Acq: 12 May 2019 8:02

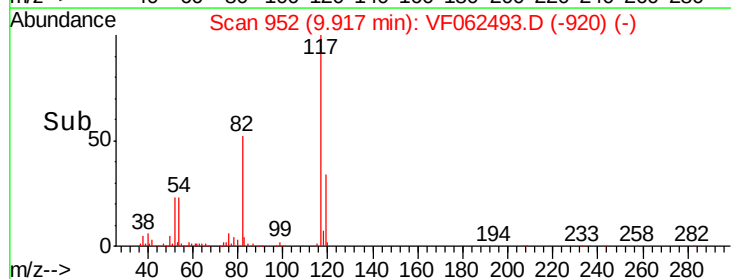
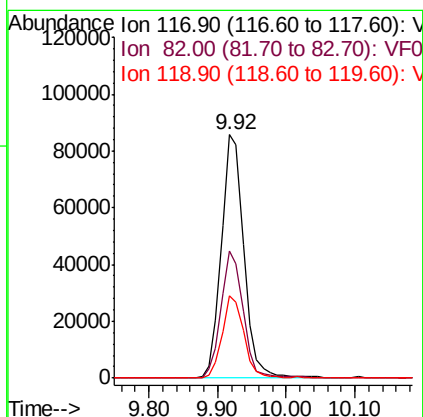
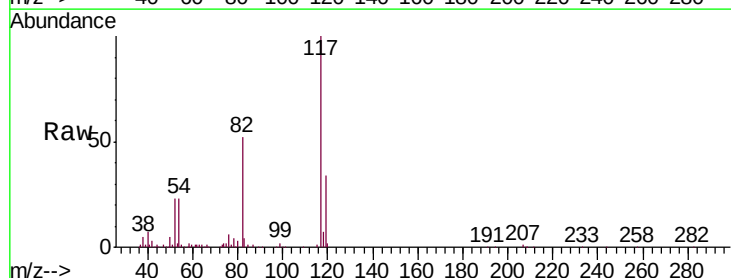
Tgt Ion: 117 Resp: 195521

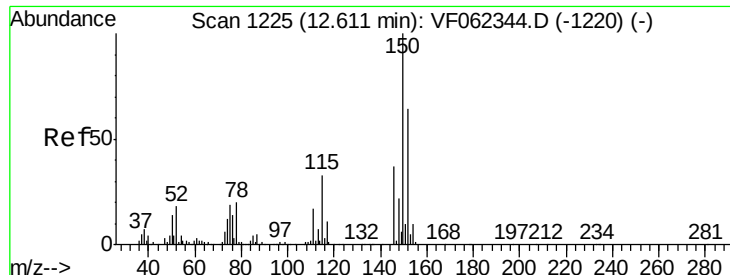
Ion Ratio Lower Upper

117 100

82 52.1 42.2 63.2

119 34.0 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062493.D

Acq: 12 May 2019 8:02

Instrument :

MSVOA_F

ClientSampleId :

P021-SS006-1824-01

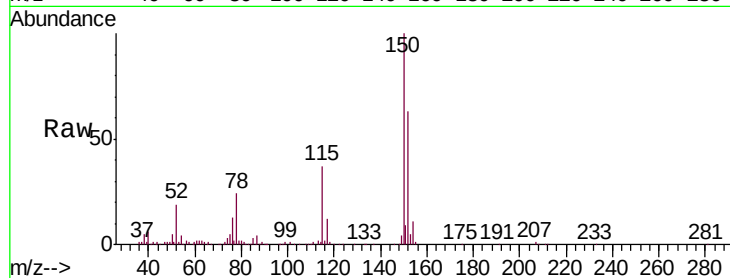
Tgt Ion:152 Resp: 102801

Ion Ratio Lower Upper

152 100

115 58.4 26.4 79.2

150 157.0 0.0 335.0



Abundance Ion 151.90 (151.60 to 152.60): V

150000 Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

