

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052119\
 Data File : VF062688.D
 Acq On : 21 May 2019 17:39
 Operator : FY/SY
 Sample : K2971-03
 Misc : 6.11g/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SUP-2A-G-3-052019

Quant Time: May 22 04:30:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

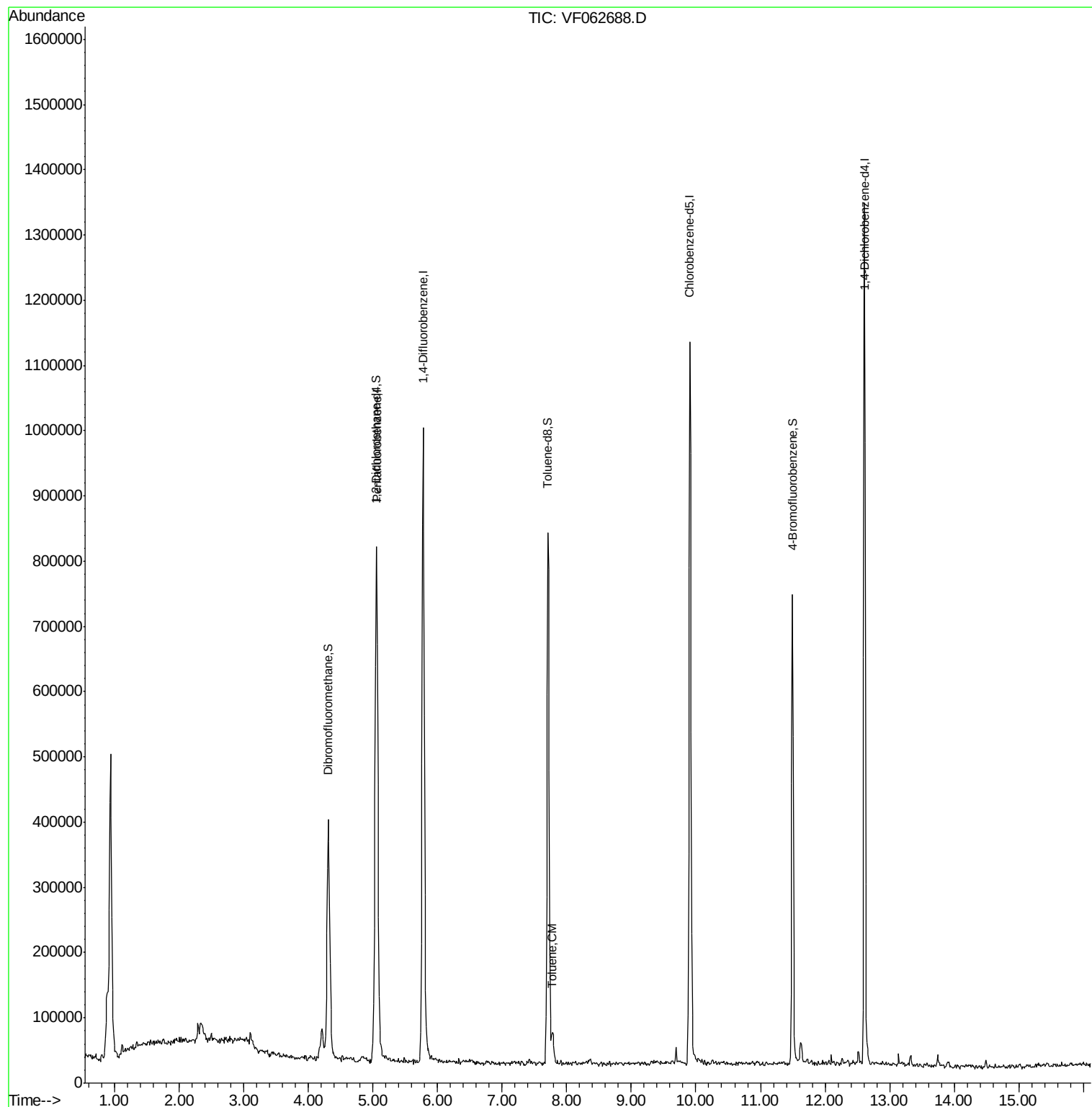
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	752319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	1228228	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	855469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	350439	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	198185	37.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.56%	
35) Dibromofluoromethane	4.31	113	360019	38.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.62%	
50) Toluene-d8	7.71	98	725471	32.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.66%	
62) 4-Bromofluorobenzene	11.49	95	261339	30.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.42%	
Target Compounds						
52) Toluene	7.79	92	24830	1.381	ug/l	Qvalue 83

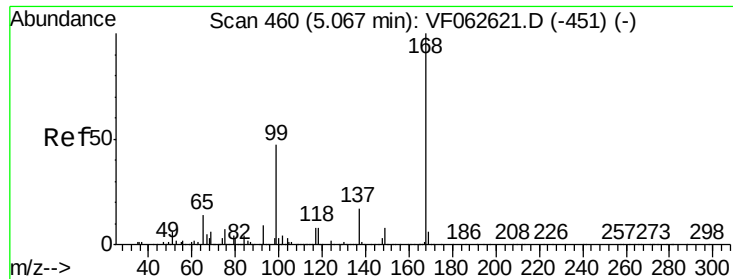
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052119\
Data File : VF062688.D
Acq On : 21 May 2019 17:39
Operator : FY/SY
Sample : K2971-03
Misc : 6.11g/5mL/MSVOA F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SUP-2A-G-3-052019

Quant Time: May 22 04:30:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062688.D

Acq: 21 May 2019 17:39

Instrument :

MSVOA_F

ClientSampleId :

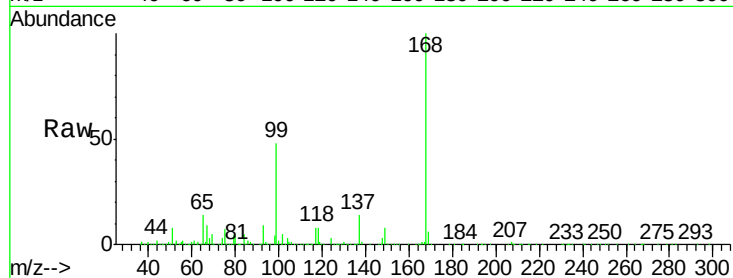
SUP-2A-G-3-052019

Tot Ion:168 Resp: 752319

Ion Ratio Lower Upper

168 100

99 48.0 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.06

250000

200000

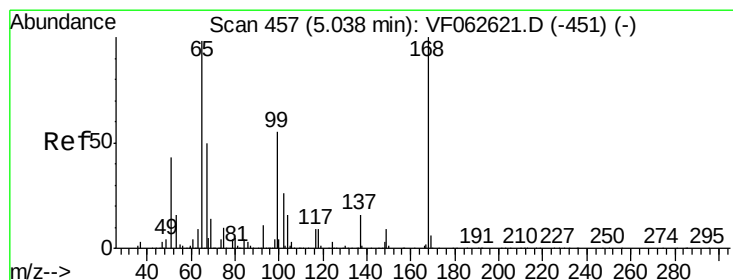
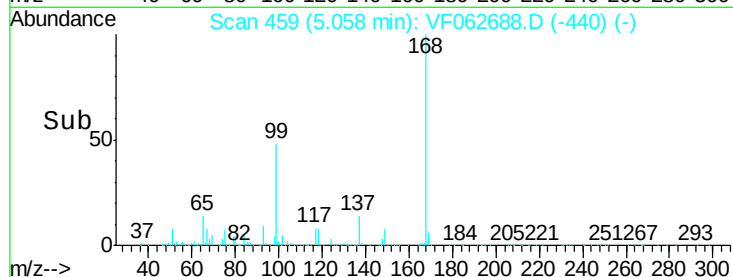
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 37.279 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF062688.D

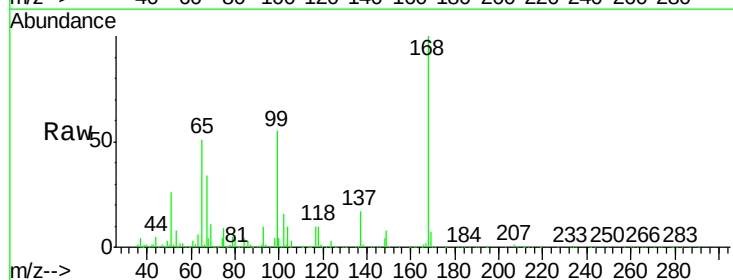
Acq: 21 May 2019 17:39

Tgt Ion: 65 Resp: 198185

Ion Ratio Lower Upper

65 100

67 65.8 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.04

80000

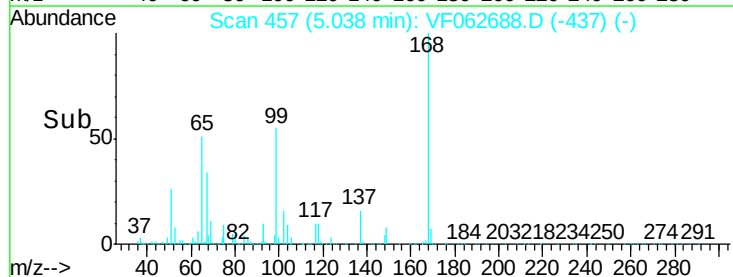
60000

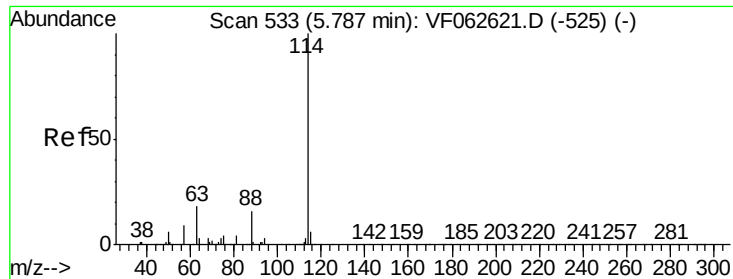
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.01 min

Lab File: VF062688.D

Acq: 21 May 2019 17:39

Instrument :

MSVOA_F

ClientSampleId :

SUP-2A-G-3-052019

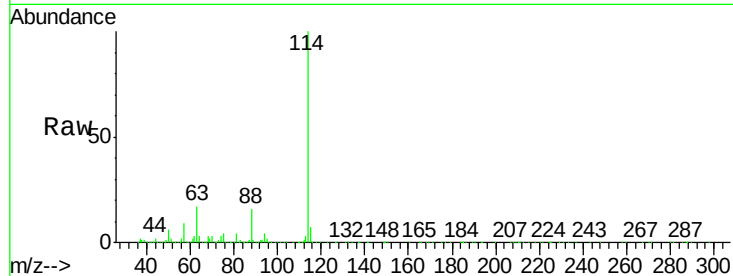
Tot Ion:114 Resp: 1228228

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.4

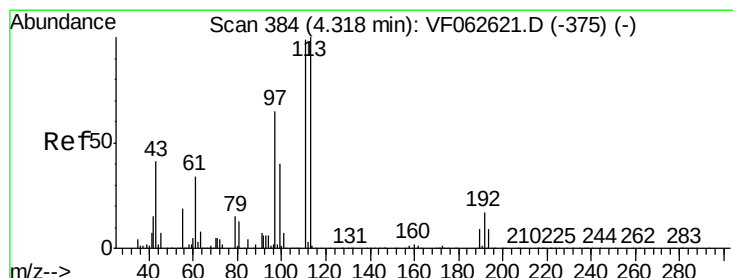
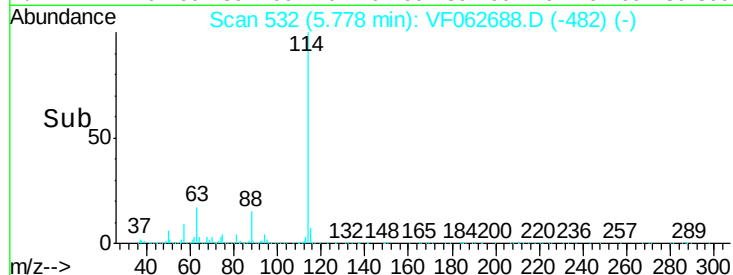
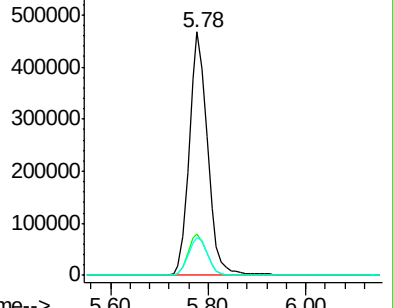
88 15.5 0.0 32.4



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



#35

Dibromofluoromethane

Concen: 38.306 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.01 min

Lab File: VF062688.D

Acq: 21 May 2019 17:39

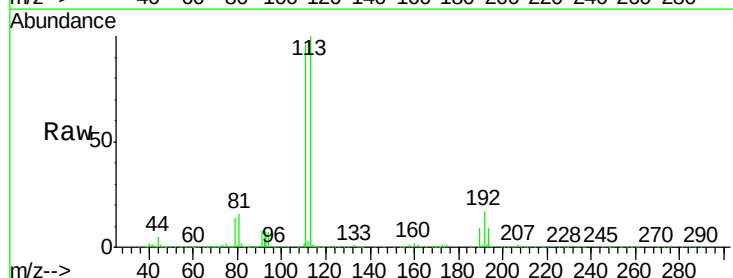
Tgt Ion:113 Resp: 360019

Ion Ratio Lower Upper

113 100

111 96.2 79.4 119.2

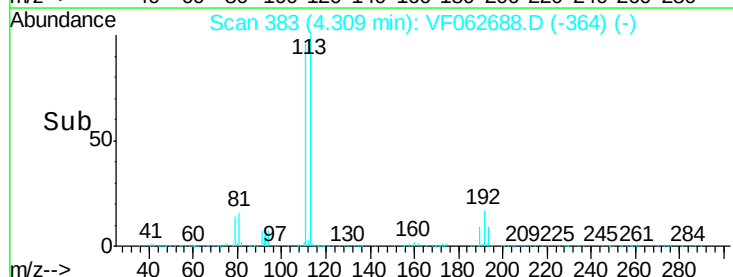
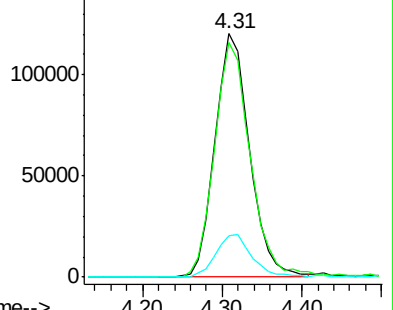
192 16.8 13.4 20.2

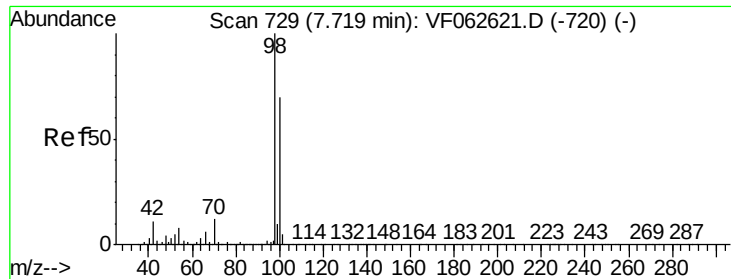


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 32.330 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF062688.D

Acq: 21 May 2019 17:39

Instrument :

MSVOA_F

ClientSampleId :

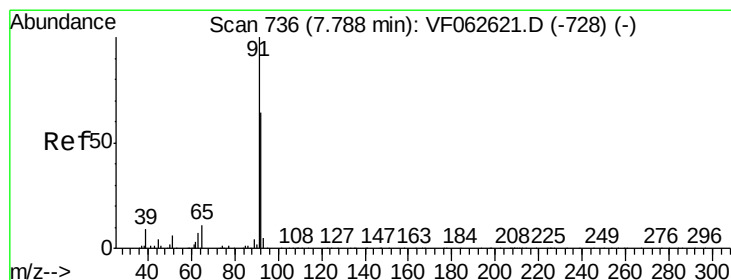
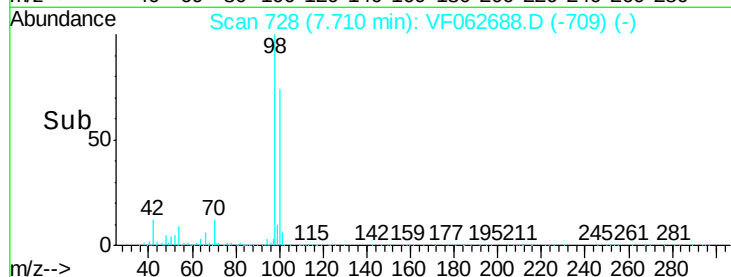
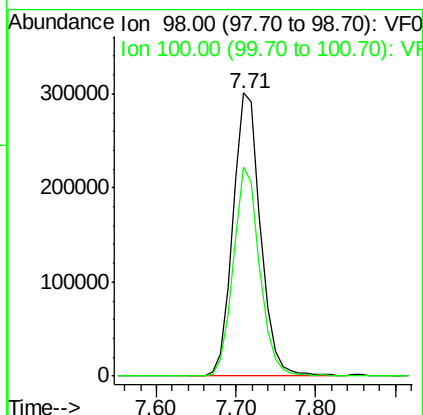
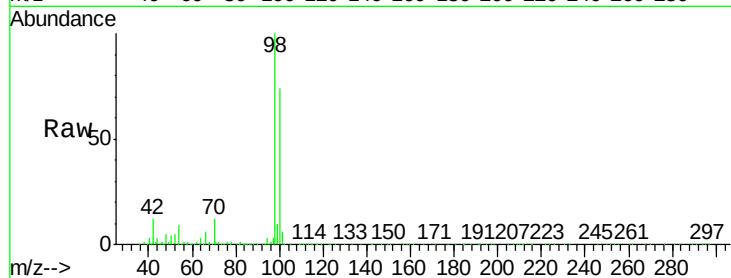
SUP-2A-G-3-052019

Tot Ion: 98 Resp: 725471

Ion Ratio Lower Upper

98 100

100 74.0 56.2 84.2



#52

Toluene

Concen: 1.381 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.00 min

Lab File: VF062688.D

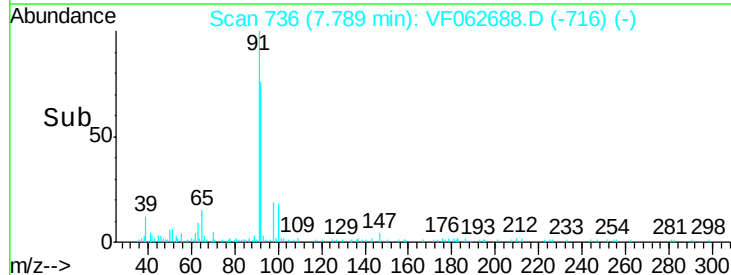
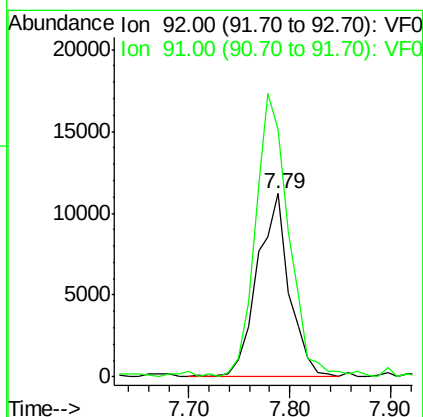
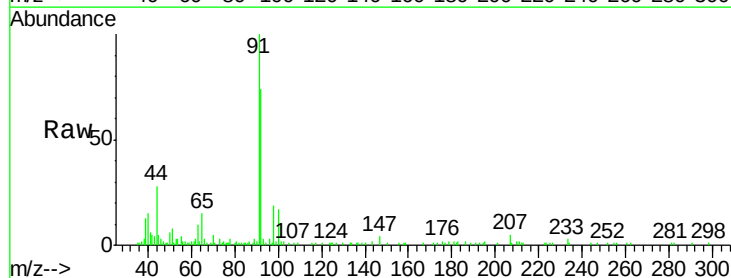
Acq: 21 May 2019 17:39

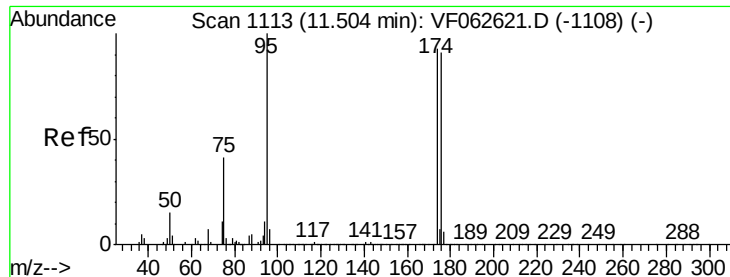
Tgt Ion: 92 Resp: 24830

Ion Ratio Lower Upper

92 100

91 135.0 125.4 188.0





#62

4-Bromofluorobenzene

Concen: 30.707 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF062688.D

Acq: 21 May 2019 17:39

Instrument :

MSVOA_F

ClientSampleId :

SUP-2A-G-3-052019

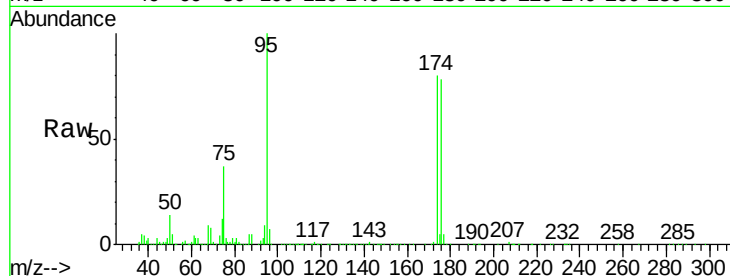
Tot Ion: 95 Resp: 261339

Ion Ratio Lower Upper

95 100

174 79.7 0.0 185.6

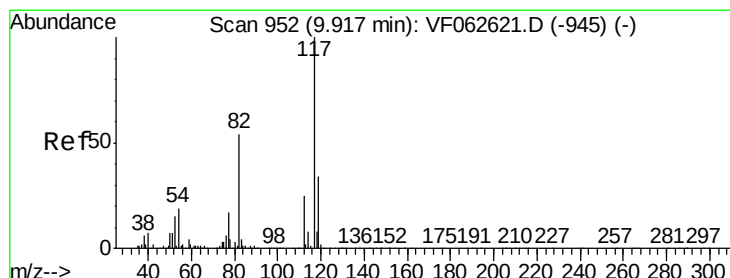
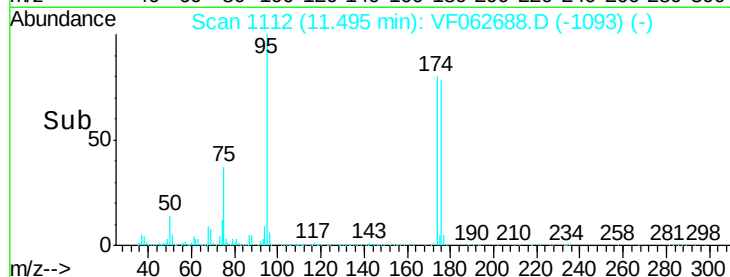
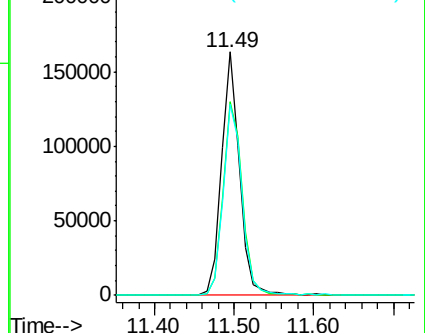
176 78.4 0.0 182.4



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. -0.01 min

Lab File: VF062688.D

Acq: 21 May 2019 17:39

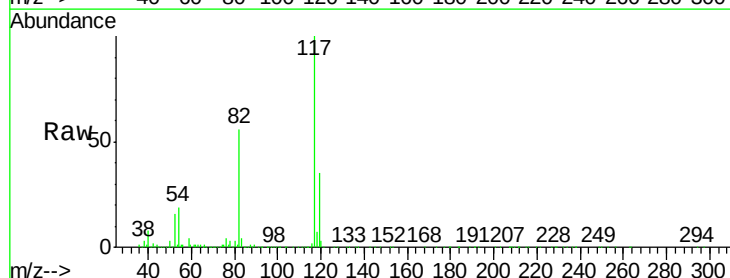
Tgt Ion: 117 Resp: 855469

Ion Ratio Lower Upper

117 100

82 55.5 43.3 64.9

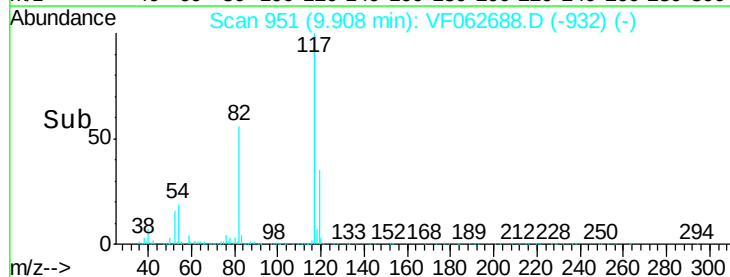
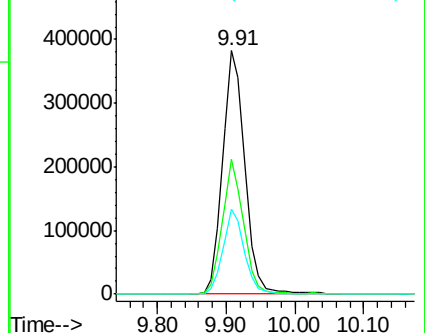
119 35.1 27.4 41.0

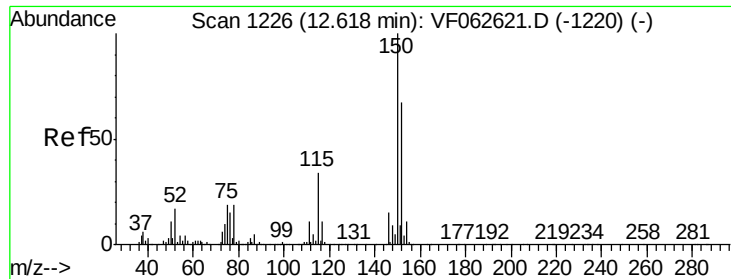


Abundance Ion 117.00 (116.70 to 117.70): VF0

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. -0.01 min

Lab File: VF062688.D

Acq: 21 May 2019 17:39

Instrument :

MSVOA_F

ClientSampleId :

SUP-2A-G-3-052019

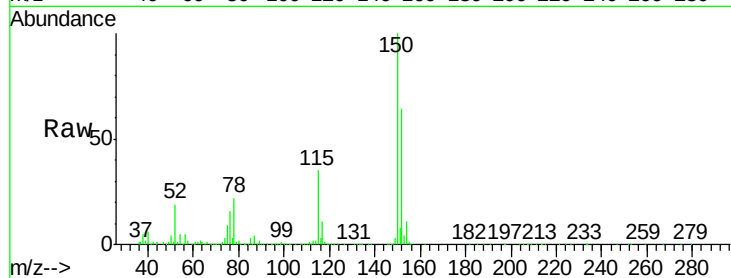
Tot Ion:152 Resp: 350439

Ion Ratio Lower Upper

152 100

115 55.2 25.2 75.6

150 157.4 0.0 306.2



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

