

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052219\
 Data File : VF062710.D
 Acq On : 22 May 2019 17:17
 Operator : FY/SY
 Sample : K3008-04
 Misc : 6.66g/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VOC-20

Quant Time: May 23 02:08:26 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	5.05	168	719456	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	1237538	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	856664	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	241528	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	227121	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	
35) Dibromofluoromethane	4.30	113	341030	36.01	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	72.02%	
50) Toluene-d8	7.71	98	869197	38.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.88%	
62) 4-Bromofluorobenzene	11.48	95	228589	26.66	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	53.32%	

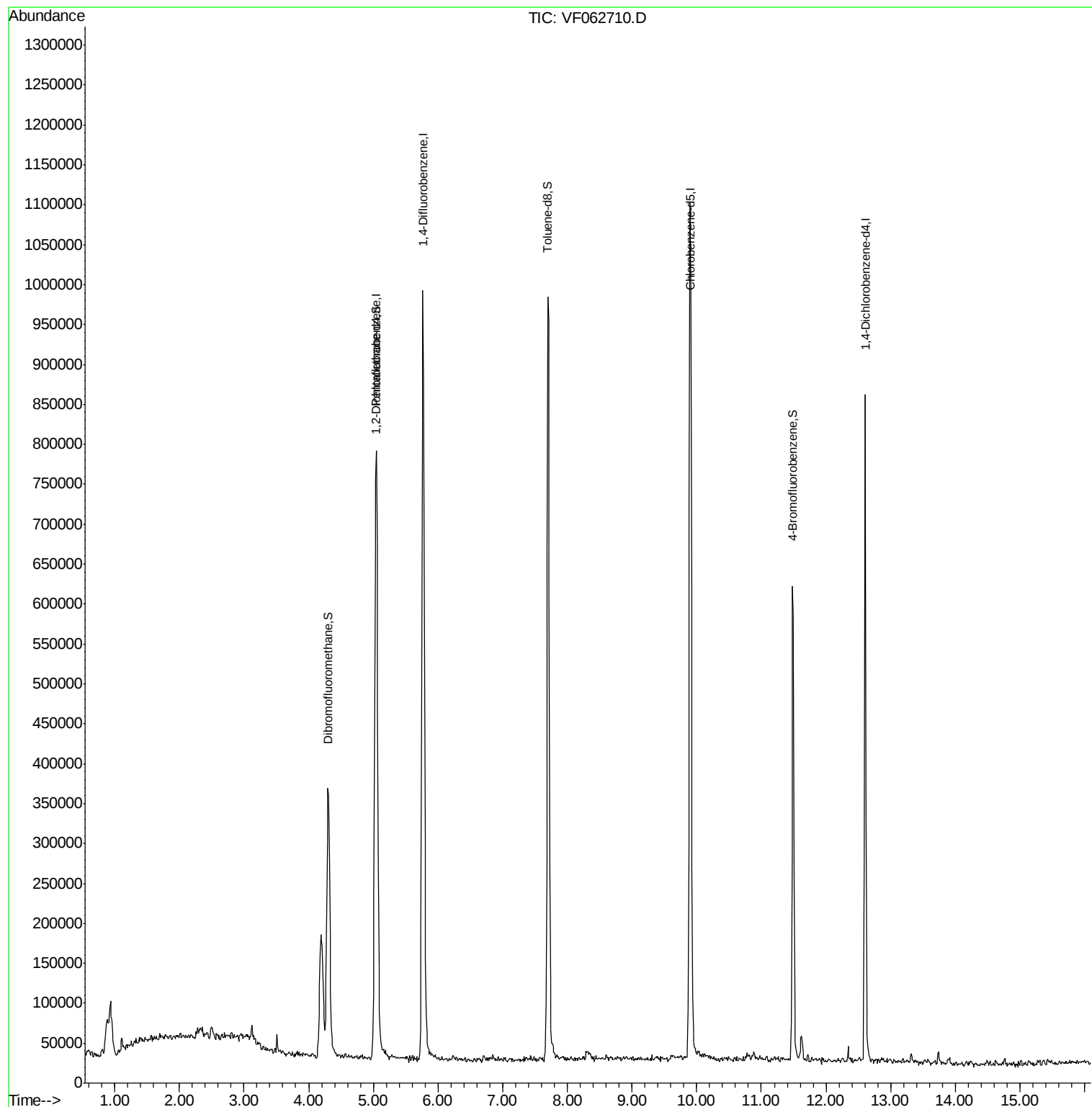
Target Compounds	Qvalue

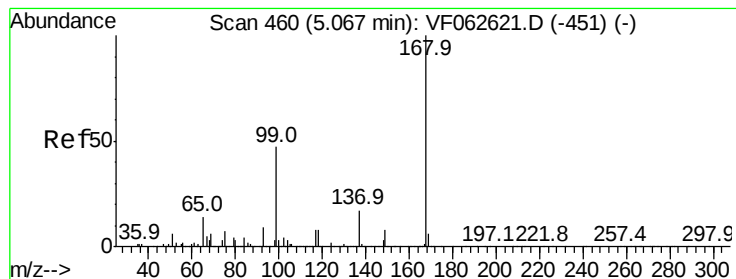
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052219\
Data File : VF062710.D
Acq On : 22 May 2019 17:17
Operator : FY/SY
Sample : K3008-04
Misc : 6.66g/5mL/MSVOA F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VOC-20

Quant Time: May 23 02:08:26 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: 5.05 min Scan# 458

Delta R.T. -0.02 min

Lab File: VF062710.D

Acq: 22 May 2019 17:17

Instrument :

MSVOA_F

ClientSampleId :

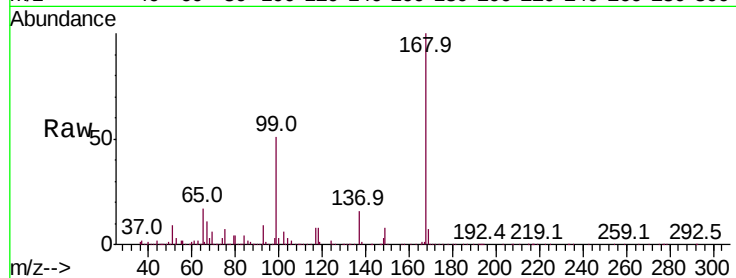
VOC-20

Tot Ion:168 Resp: 719456

Ion Ratio Lower Upper

168 100

99 51.0 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

250000

200000

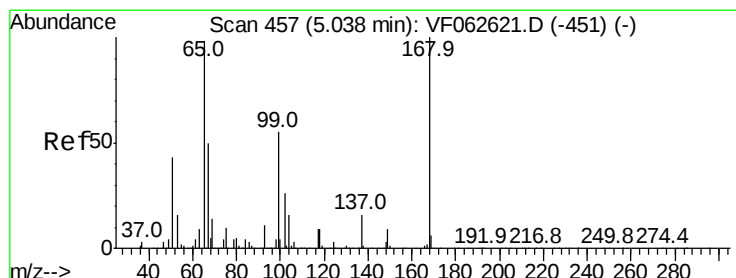
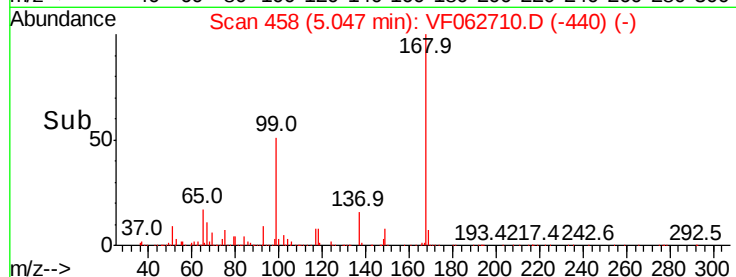
150000

100000

50000

0

Time--> 4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 44.673 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF062710.D

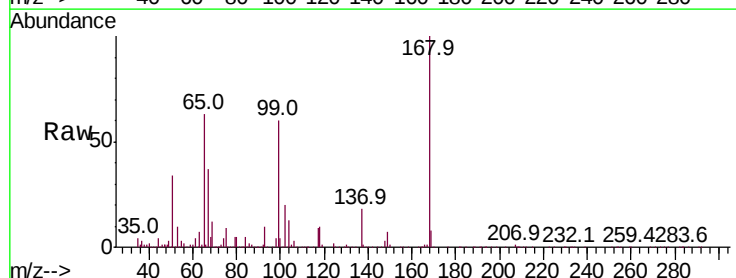
Acq: 22 May 2019 17:17

Tgt Ion: 65 Resp: 227121

Ion Ratio Lower Upper

65 100

67 59.1 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.03

80000

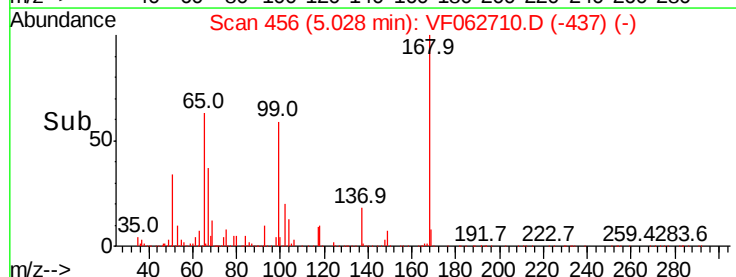
60000

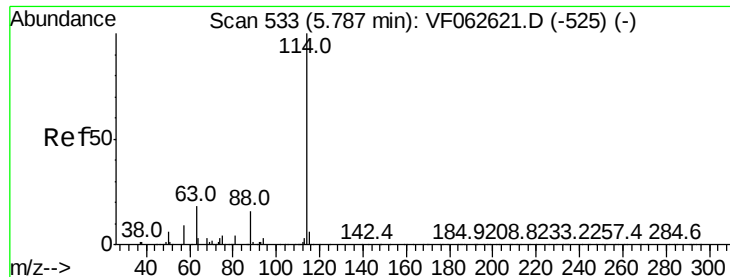
40000

20000

0

Time--> 4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.02 min

Lab File: VF062710.D

Acq: 22 May 2019 17:17

Instrument :

MSVOA_F

ClientSampleId :

VOC-20

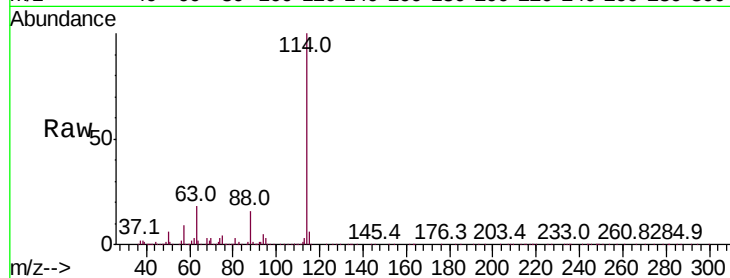
Tot Ion:114 Resp: 1237538

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.4

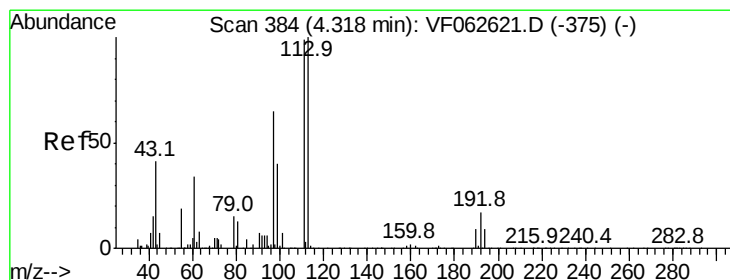
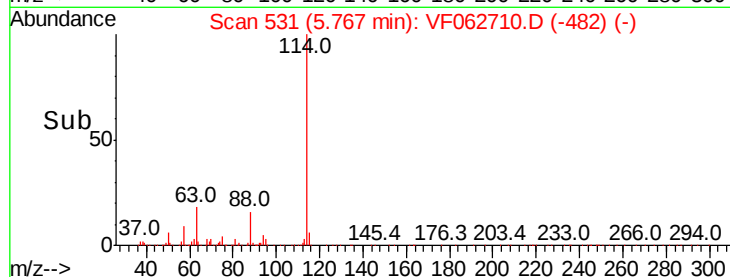
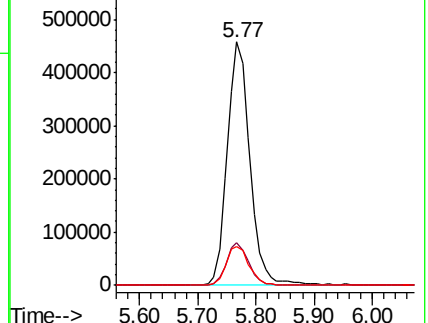
88 16.0 0.0 32.4



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: 36.013 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.02 min

Lab File: VF062710.D

Acq: 22 May 2019 17:17

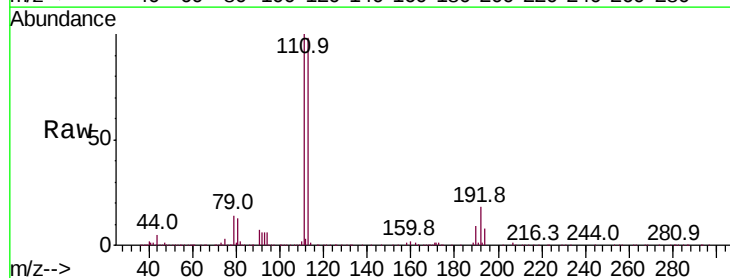
Tgt Ion:113 Resp: 341030

Ion Ratio Lower Upper

113 100

111 102.4 79.4 119.2

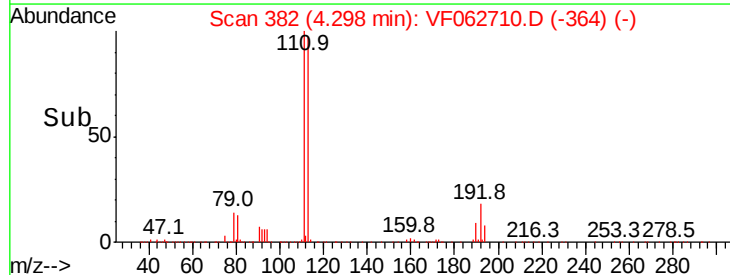
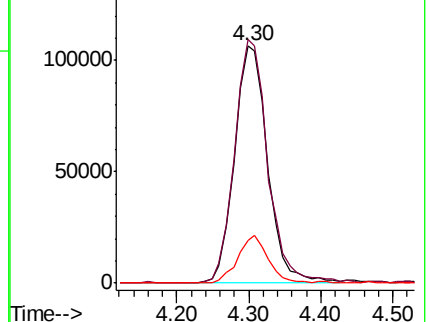
192 18.1 13.4 20.2

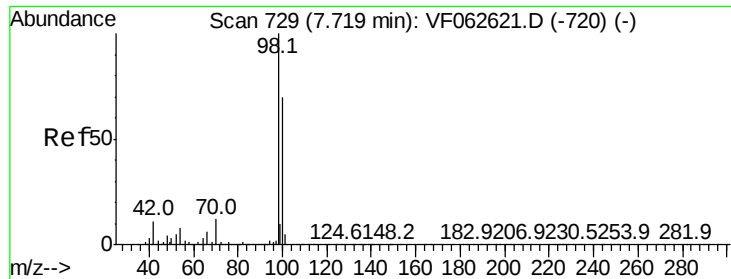


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 38.443 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF062710.D

Acq: 22 May 2019 17:17

Instrument :

MSVOA_F

ClientSampleId :

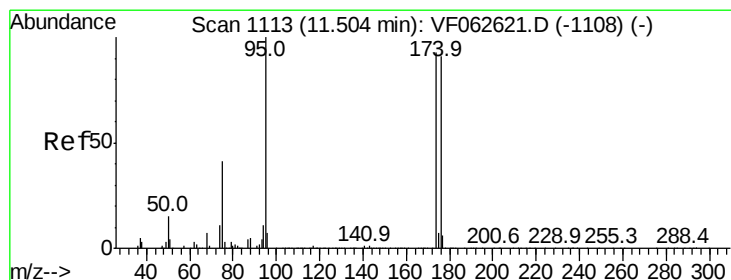
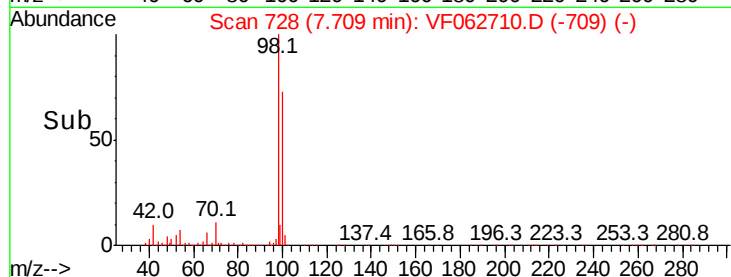
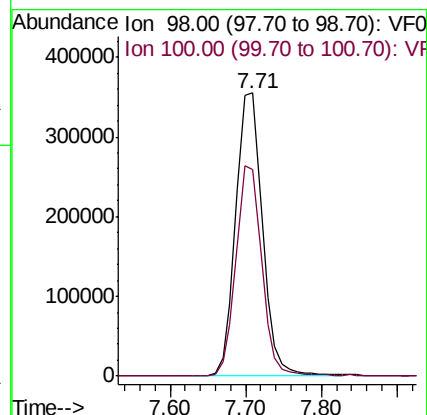
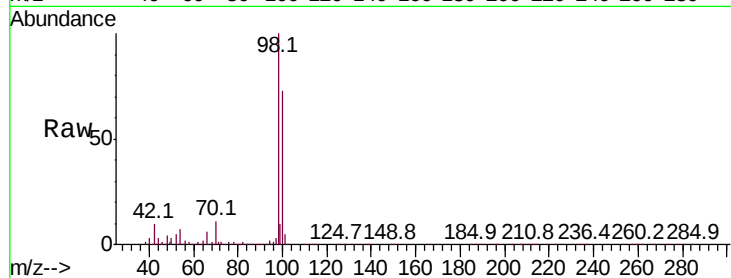
VOC-20

Tot Ion: 98 Resp: 869197

Ion Ratio Lower Upper

98 100

100 73.2 56.2 84.2



#62

4-Bromofluorobenzene

Concen: 26.657 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF062710.D

Acq: 22 May 2019 17:17

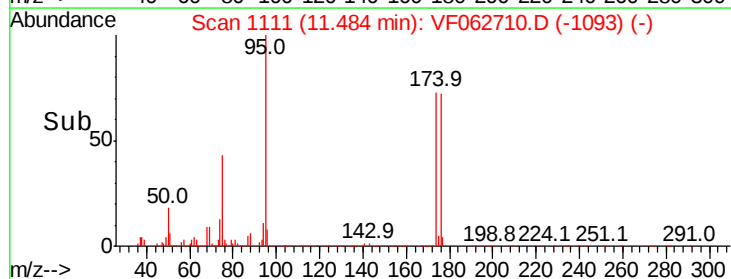
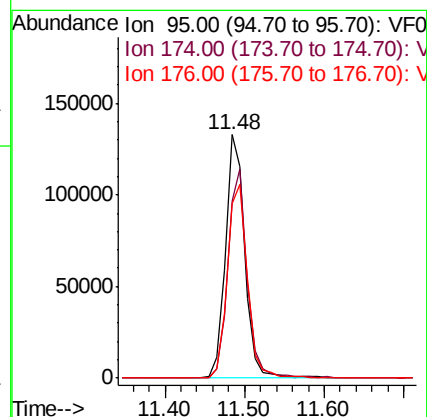
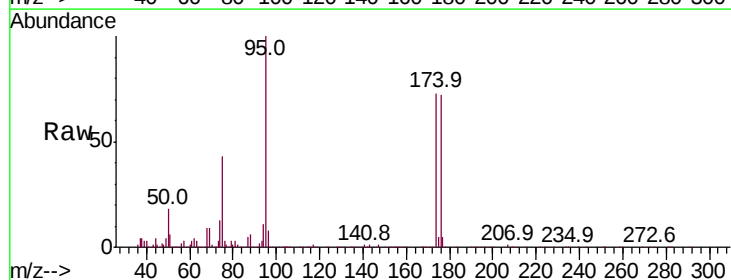
Tgt Ion: 95 Resp: 228589

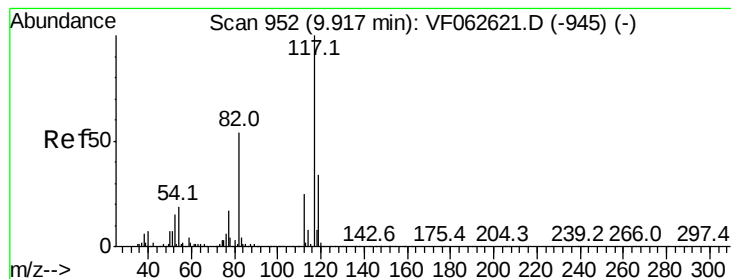
Ion Ratio Lower Upper

95 100

174 72.8 0.0 185.6

176 71.7 0.0 182.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.90 min Scan# 950

Delta R.T. -0.02 min

Lab File: VF062710.D

Acq: 22 May 2019 17:17

Instrument :

MSVOA_F

ClientSampleId :

VOC-20

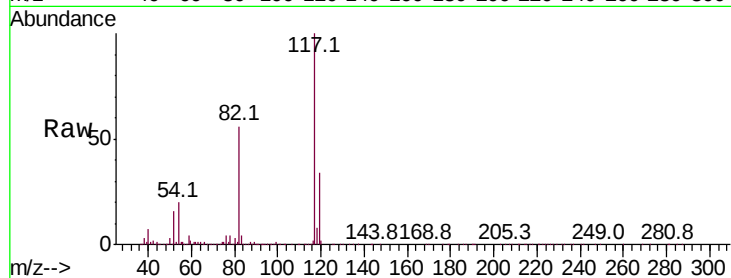
Tot Ion:117 Resp: 856664

Ion Ratio Lower Upper

117 100

82 56.2 43.3 64.9

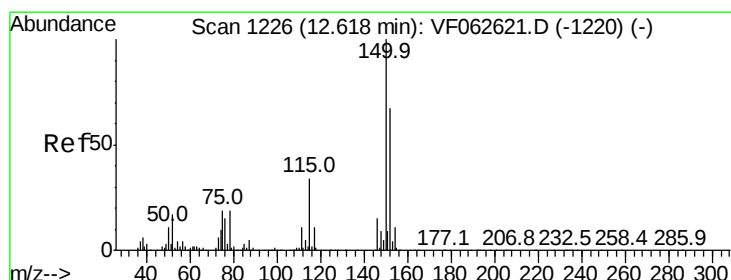
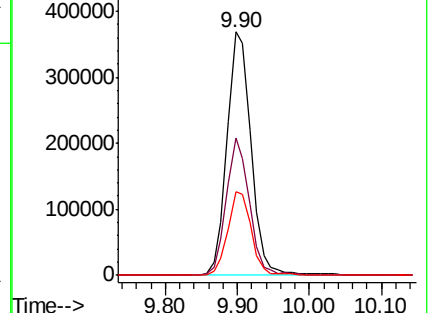
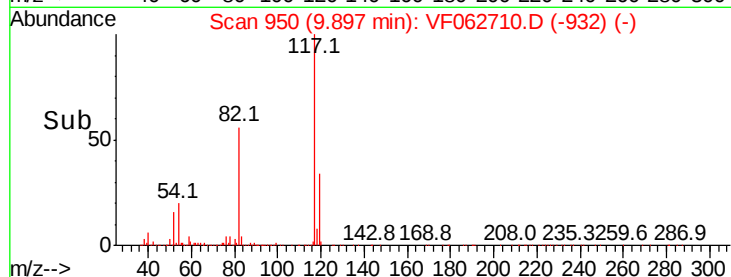
119 34.2 27.4 41.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VF062710.D

Acq: 22 May 2019 17:17

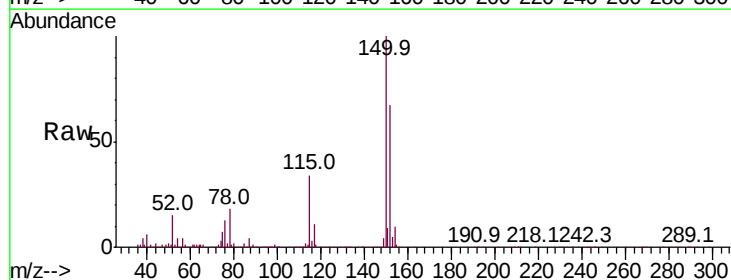
Tgt Ion:152 Resp: 241528

Ion Ratio Lower Upper

152 100

115 50.8 25.2 75.6

150 150.3 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

