

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052219\
 Data File : VF062706.D
 Acq On : 22 May 2019 15:25
 Operator : FY/SY
 Sample : K2978-06RE
 Misc : 5.48g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-SOILRE

Quant Time: May 23 02:03:39 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

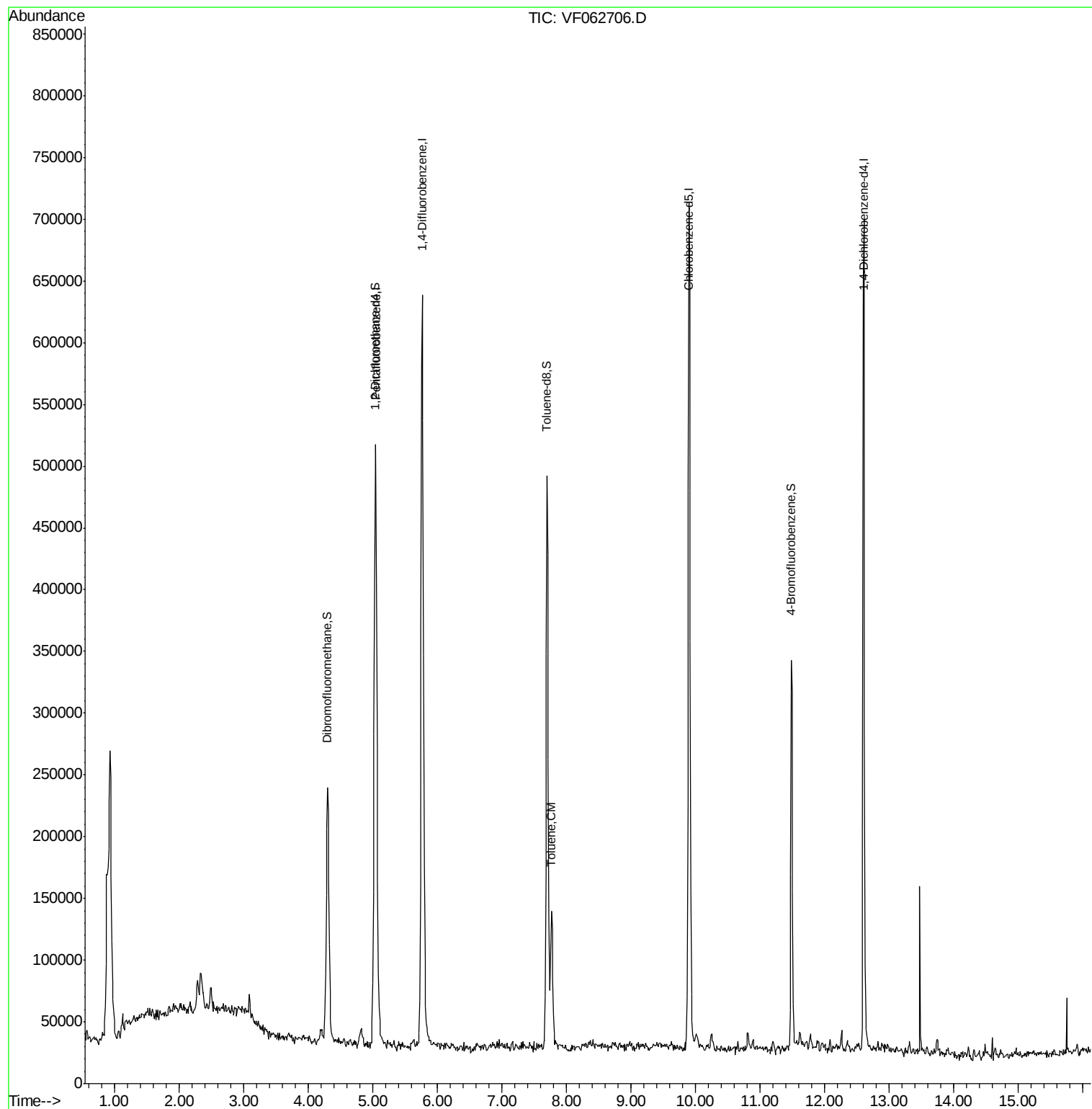
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	475993	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	791474	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	538999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	191849	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	105363	31.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.64%	
35) Dibromofluoromethane	4.30	113	206700	34.13	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	68.26%	
50) Toluene-d8	7.70	98	408762	28.27	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	56.54%	
62) 4-Bromofluorobenzene	11.48	95	125605	22.90	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	45.80%	
Target Compounds						
52) Toluene	7.77	92	62644	5.406	ug/l	Qvalue 94

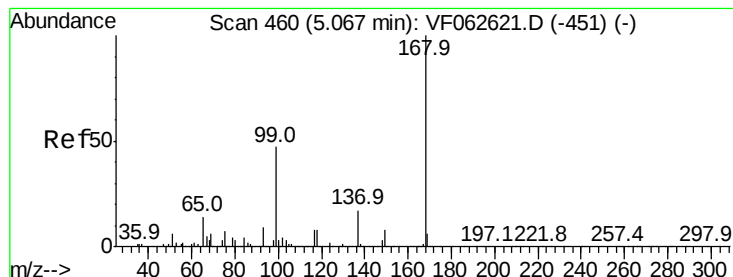
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.02 min

Lab File: VF062706.D

Acq: 22 May 2019 15:25

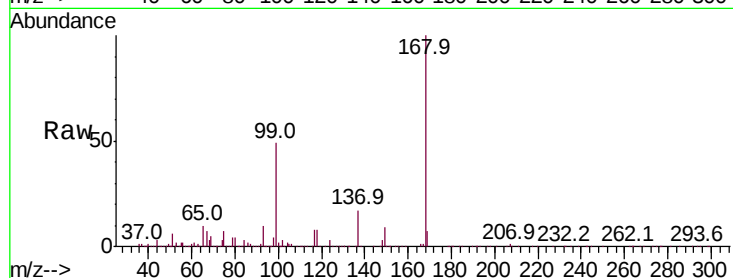
Instrument :
MSVOA_F
ClientSampleId :
TP-SOILRE

Tot Ion:168 Resp: 475993

Ion Ratio Lower Upper

168 100

99 48.9 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

150000

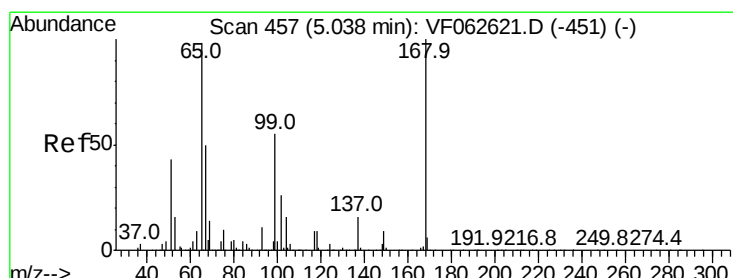
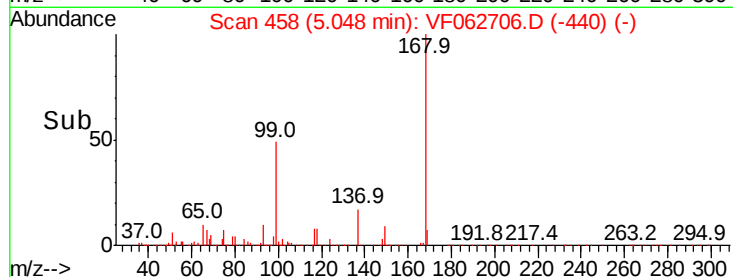
100000

50000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 31.324 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF062706.D

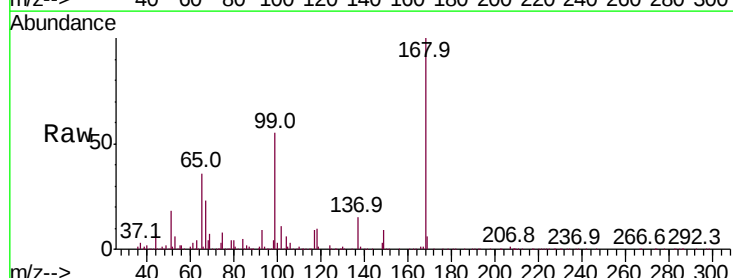
Acq: 22 May 2019 15:25

Tgt Ion: 65 Resp: 105363

Ion Ratio Lower Upper

65 100

67 63.1 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

40000

30000

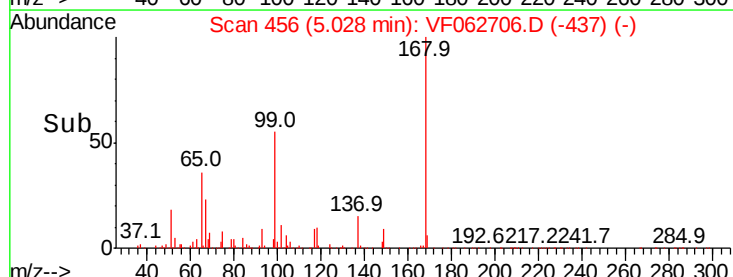
20000

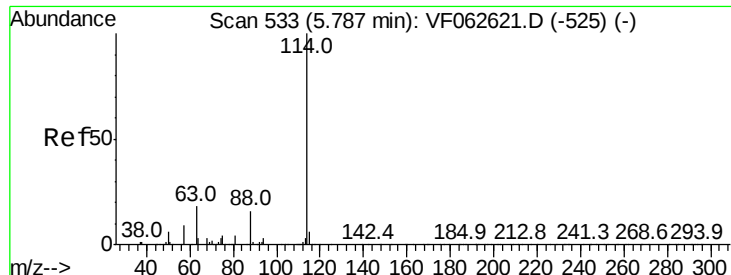
10000

0

Time-->

4.90 5.00 5.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.02 min

Lab File: VF062706.D

Acq: 22 May 2019 15:25

Instrument :

MSVOA_F

ClientSampleId :

TP-SOILRE

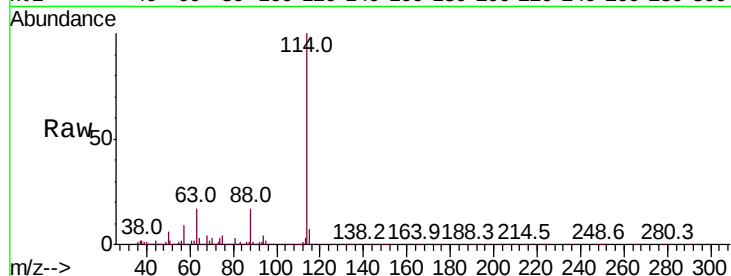
Tot Ion:114 Resp: 791474

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.4

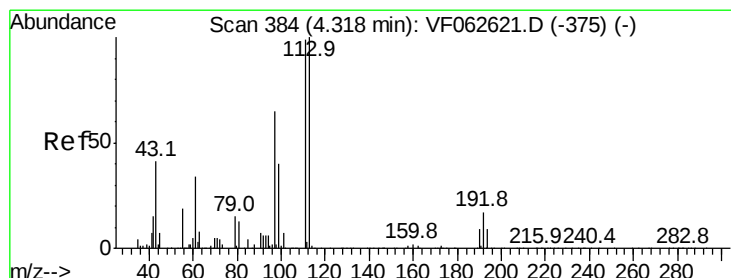
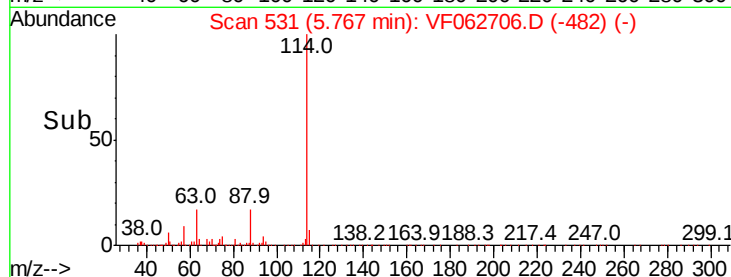
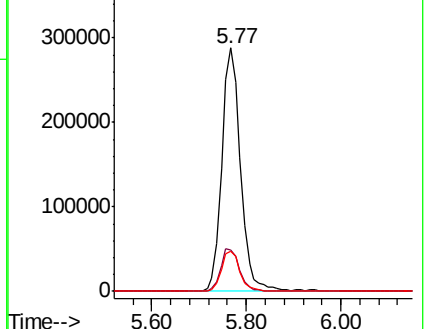
88 16.6 0.0 32.4



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: 34.129 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.02 min

Lab File: VF062706.D

Acq: 22 May 2019 15:25

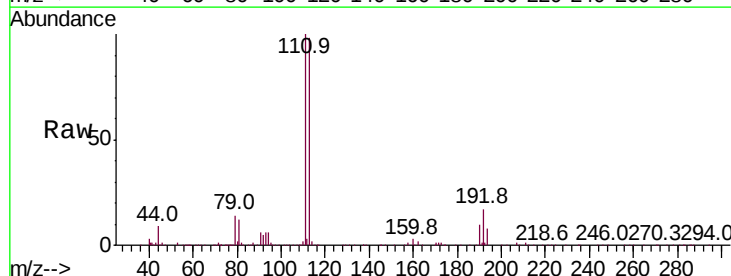
Tgt Ion:113 Resp: 206700

Ion Ratio Lower Upper

113 100

111 101.7 79.4 119.2

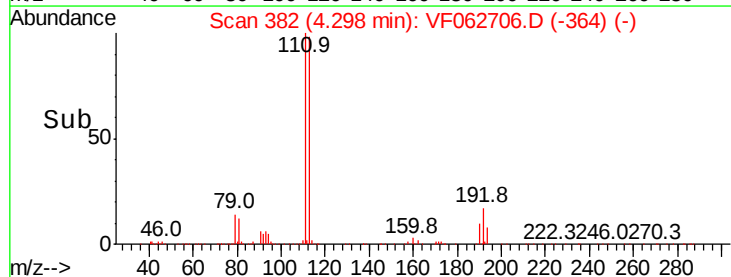
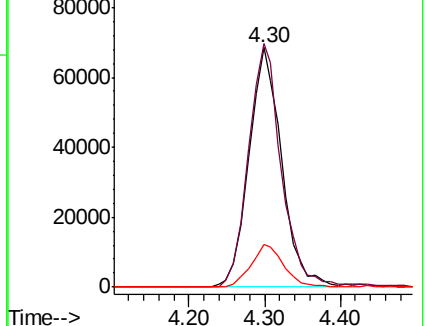
192 18.1 13.4 20.2

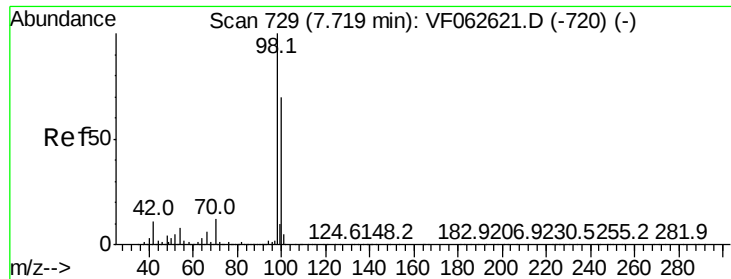


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

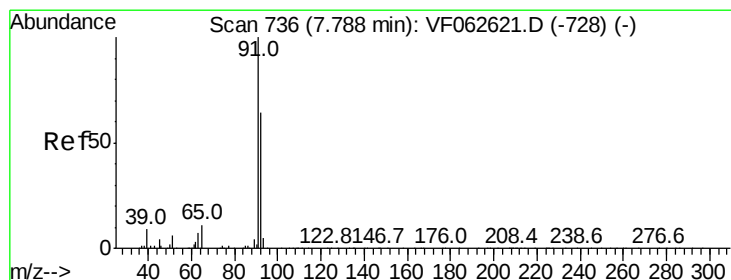
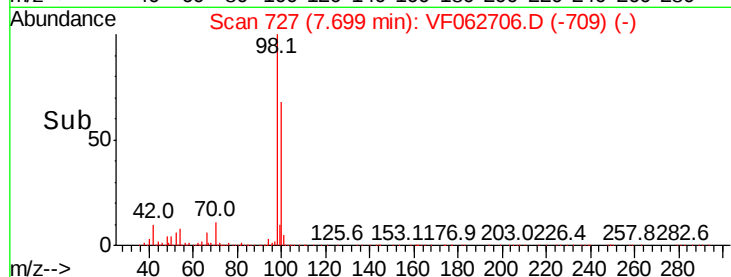
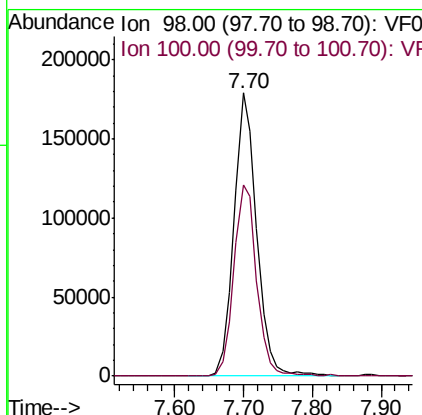
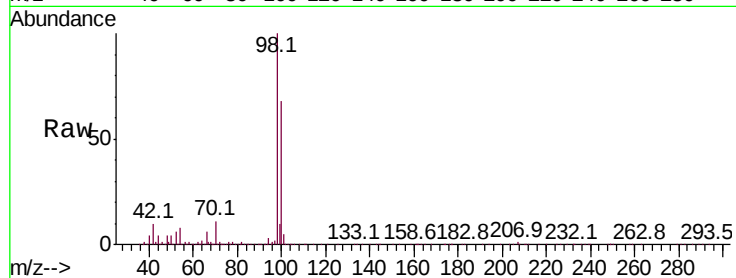




#50
Toluene-d8
Concen: 28.268 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF062706.D
Acq: 22 May 2019 15:25

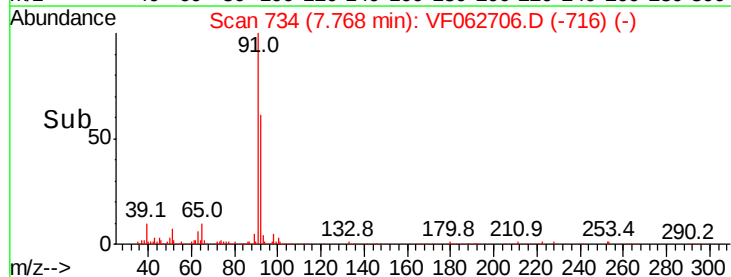
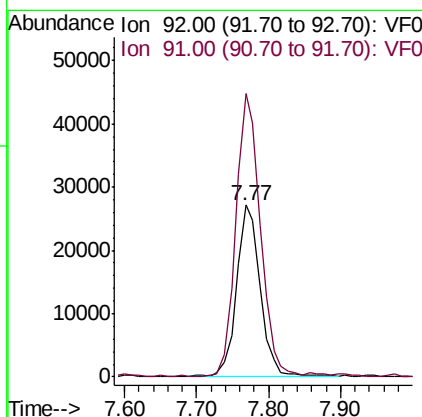
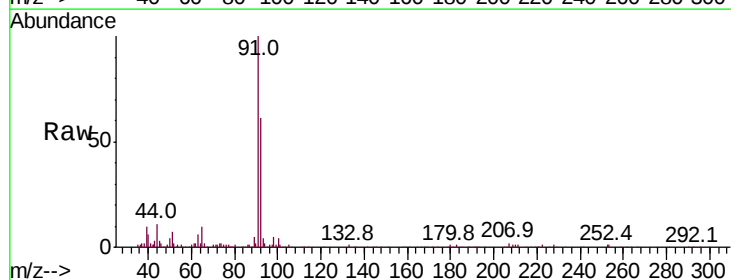
Instrument :
MSVOA_F
ClientSampleId :
TP-SOILRE

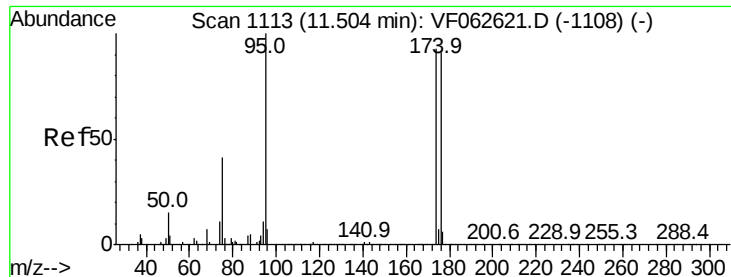
Tot Ion: 98 Resp: 408762
Ion Ratio Lower Upper
98 100
100 67.7 56.2 84.2



#52
Toluene
Concen: 5.406 ug/l
RT: 7.77 min Scan# 734
Delta R.T. -0.02 min
Lab File: VF062706.D
Acq: 22 May 2019 15:25

Tgt Ion: 92 Resp: 62644
Ion Ratio Lower Upper
92 100
91 164.6 125.4 188.0





#62

4-Bromofluorobenzene

Concen: 22.902 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF062706.D

Acq: 22 May 2019 15:25

Instrument :

MSVOA_F

ClientSampleId :

TP-SOILRE

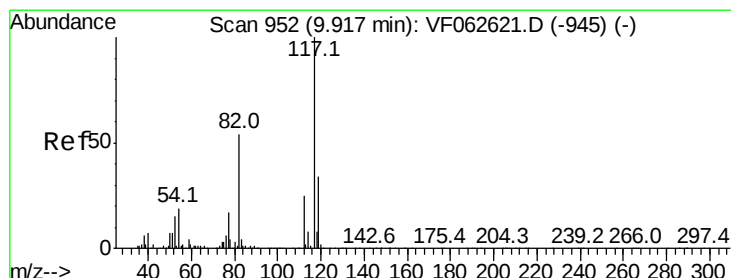
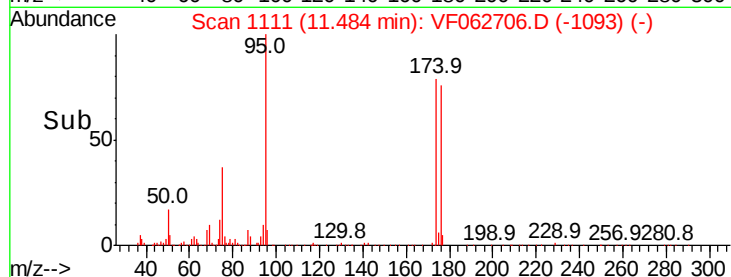
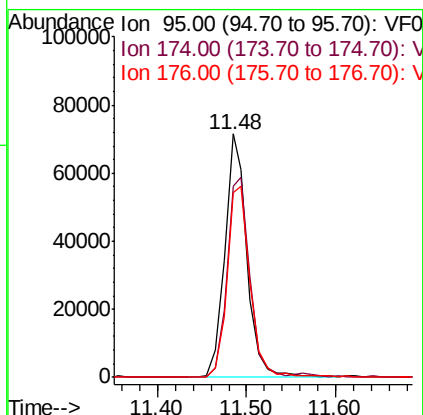
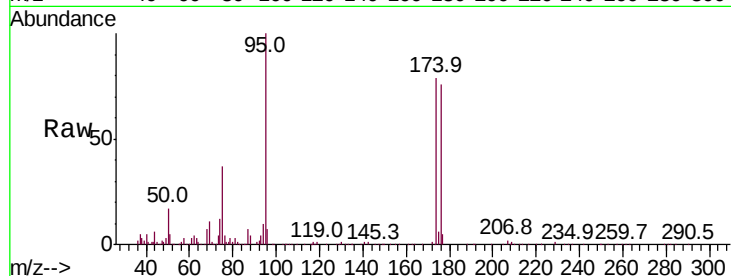
Tot Ion: 95 Resp: 125605

Ion Ratio Lower Upper

95 100

174 78.5 0.0 185.6

176 75.8 0.0 182.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.01 min

Lab File: VF062706.D

Acq: 22 May 2019 15:25

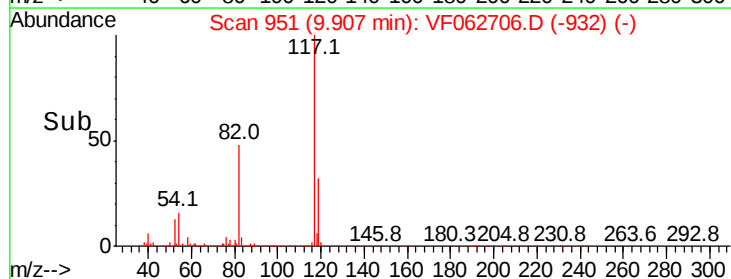
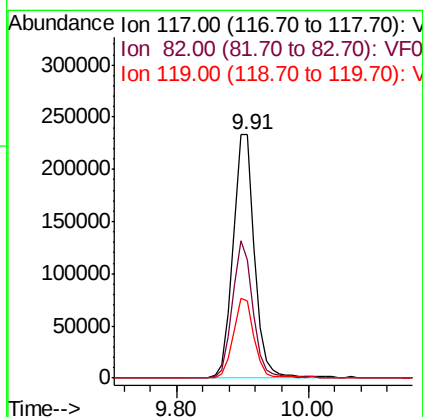
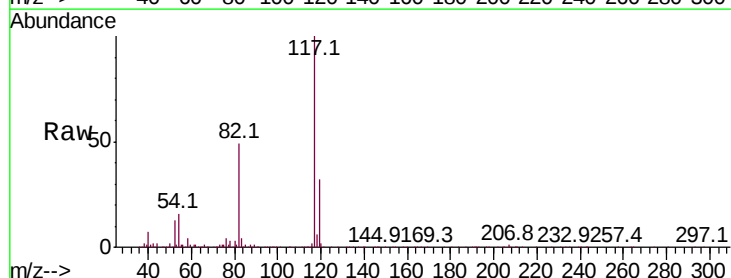
Tgt Ion: 117 Resp: 538999

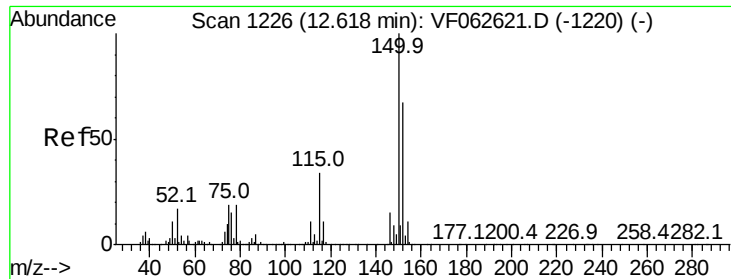
Ion Ratio Lower Upper

117 100

82 48.6 43.3 64.9

119 31.7 27.4 41.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VF062706.D

Acq: 22 May 2019 15:25

Instrument :

MSVOA_F

ClientSampleId :

TP-SOILRE

Tot Ion:152 Resp: 191849

Ion Ratio Lower Upper

152 100

115 47.7 25.2 75.6

150 151.9 0.0 306.2

