

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052119\
 Data File : VF062681.D
 Acq On : 21 May 2019 14:22
 Operator : FY/SY
 Sample : K2970-06
 Misc : 5.45g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-11-D2

Quant Time: May 22 04:16:14 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

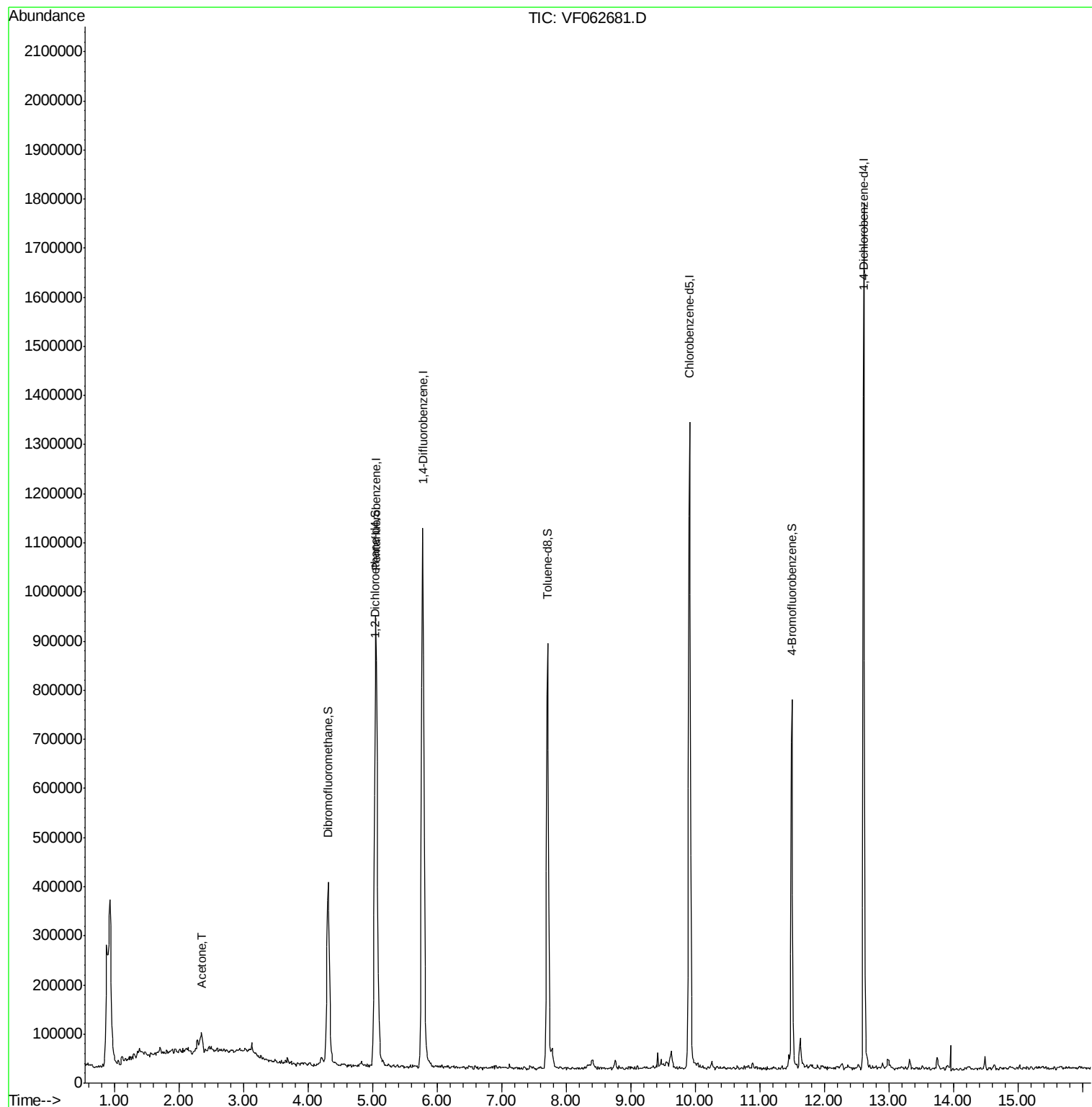
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	891060	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.78	114	1476246	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	1033227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	492218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	197050	31.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.58%	
35) Dibromofluoromethane	4.31	113	380207	33.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.32%	
50) Toluene-d8	7.71	98	767078	28.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.88%	
62) 4-Bromofluorobenzene	11.50	95	275047	26.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.78%	
Target Compounds						
16) Acetone	2.35	43	38333	23.466	ug/l #	Qvalue 75

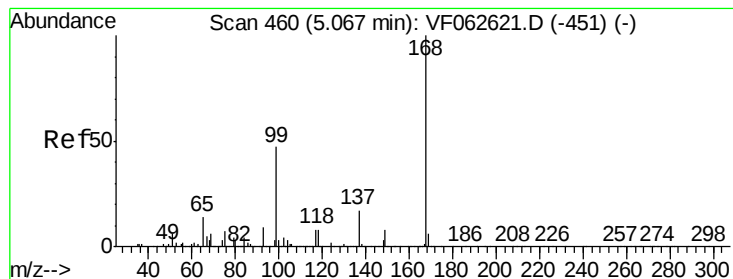
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052119\
Data File : VF062681.D
Acq On : 21 May 2019 14:22
Operator : FY/SY
Sample : K2970-06
Misc : 5.45g/5mL/MSVOA F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-11-D2

Quant Time: May 22 04:16:14 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. -0.01 min

Lab File: VF062681.D

Acq: 21 May 2019 14:22

Instrument :

MSVOA_F

ClientSampleId :

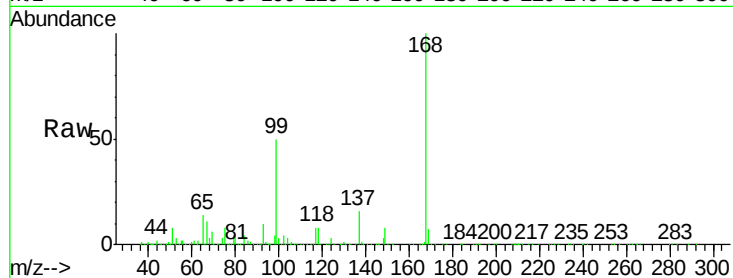
TP-11-D2

Tot Ion:168 Resp: 891060

Ion Ratio Lower Upper

168 100

99 50.3 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

300000

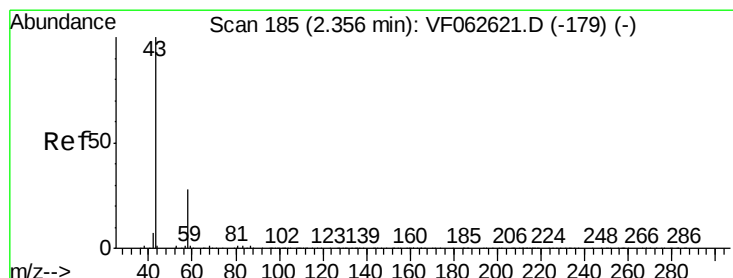
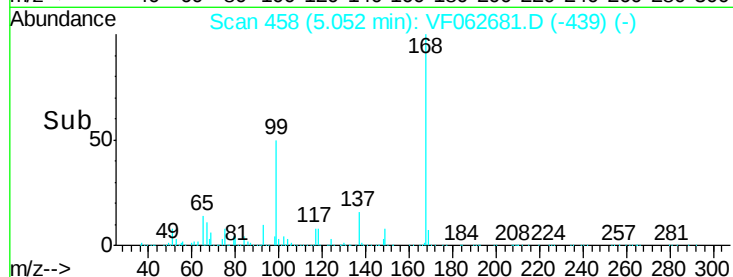
200000

100000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#16

Acetone

Concen: 23.466 ug/l

RT: 2.35 min Scan# 184

Delta R.T. -0.00 min

Lab File: VF062681.D

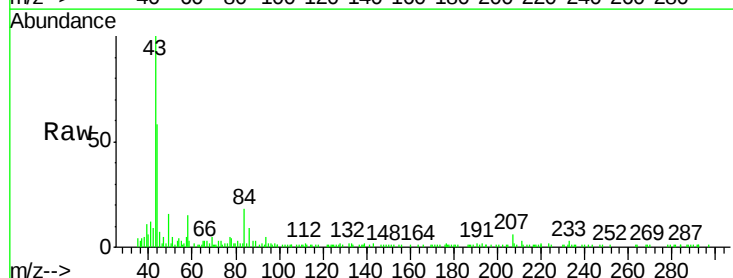
Acq: 21 May 2019 14:22

Tgt Ion: 43 Resp: 38333

Ion Ratio Lower Upper

43 100

58 15.1 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.35

20000

15000

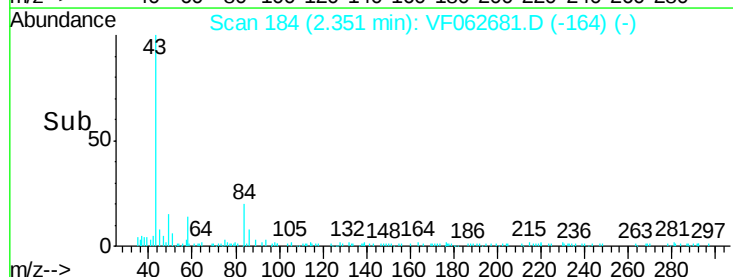
10000

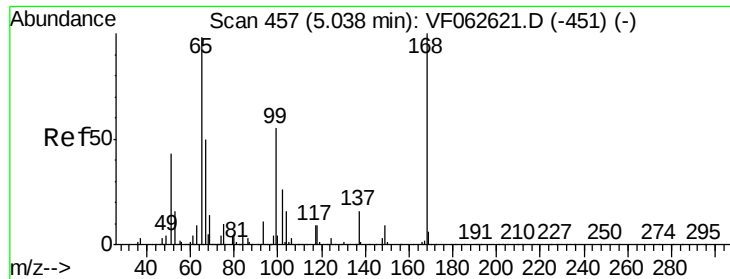
5000

0

Time-->

2.30 2.35 2.40 2.45

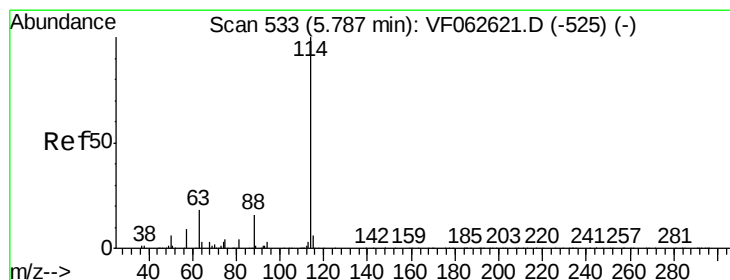
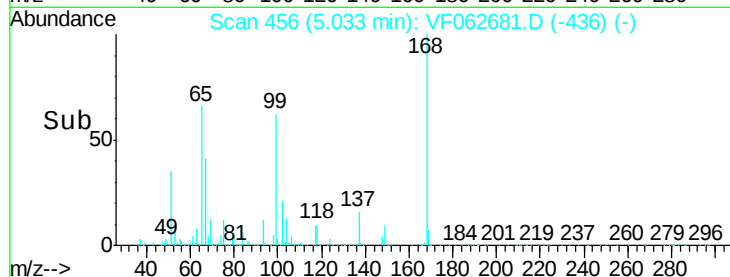
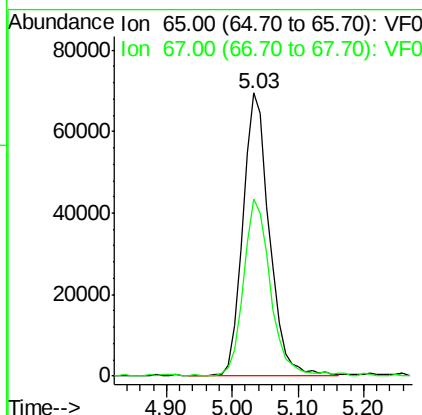
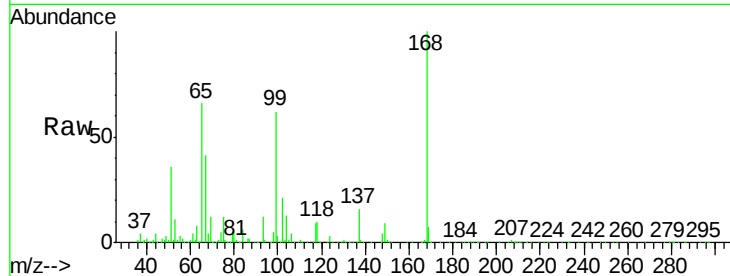




#33
 1,2-Dichloroethane-d4
 Concen: 31.294 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: VF062681.D
 Acq: 21 May 2019 14:22

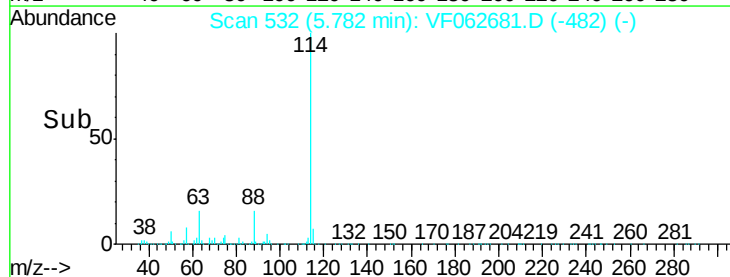
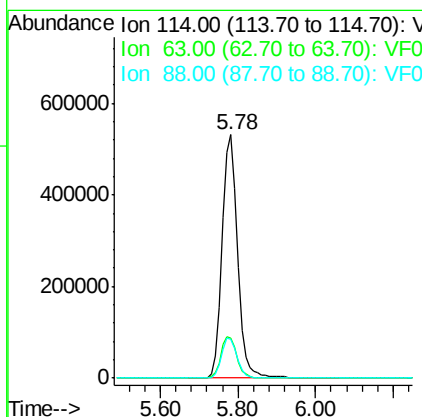
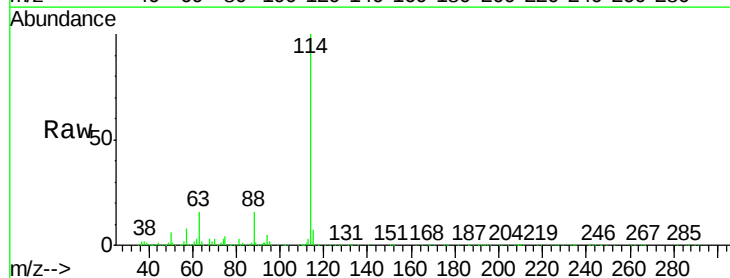
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-11-D2

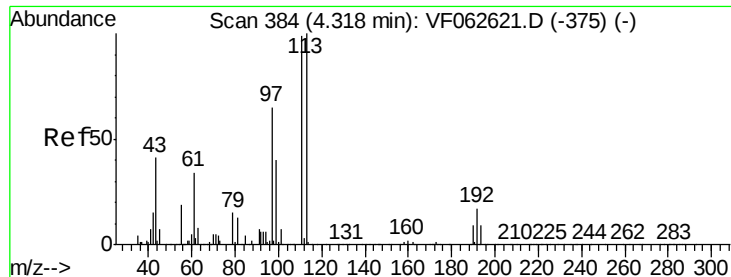
Tot Ion: 65 Resp: 197050
 Ion Ratio Lower Upper
 65 100
 67 62.8 0.0 117.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VF062681.D
 Acq: 21 May 2019 14:22

Tgt Ion: 114 Resp: 1476246
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 35.4
 88 16.1 0.0 32.4

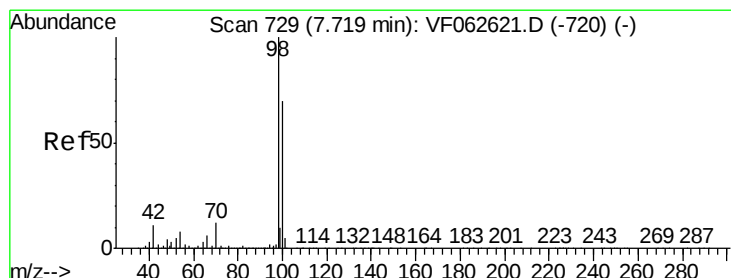
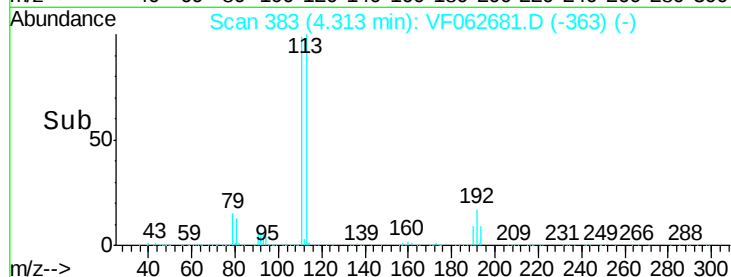
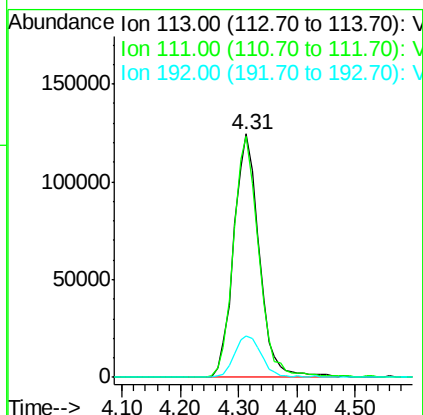
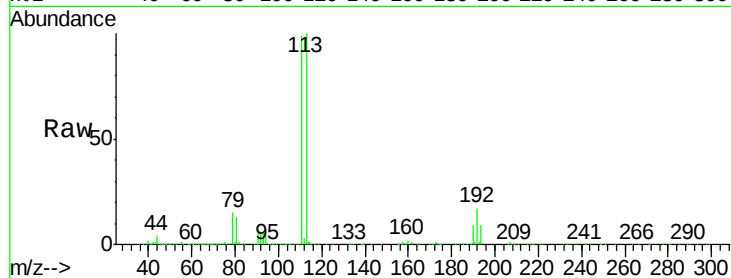




#35
Dibromofluoromethane
Concen: 33.658 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.00 min
Lab File: VF062681.D
Acq: 21 May 2019 14:22

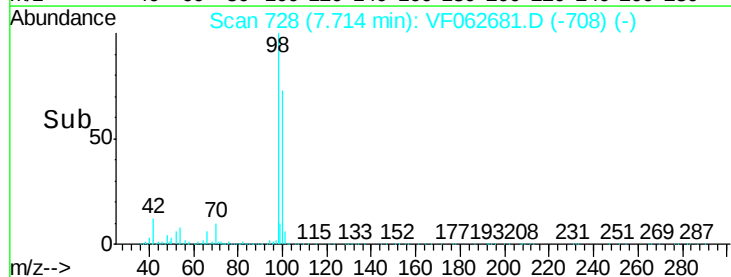
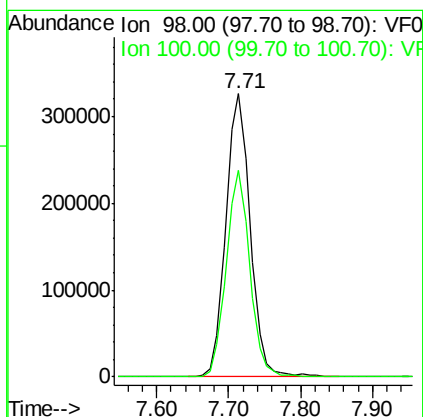
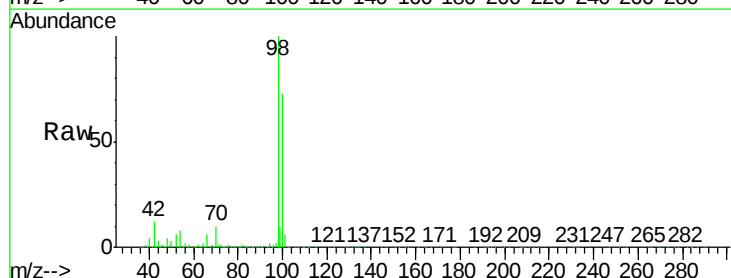
Instrument :
MSVOA_F
ClientSampleId :
TP-11-D2

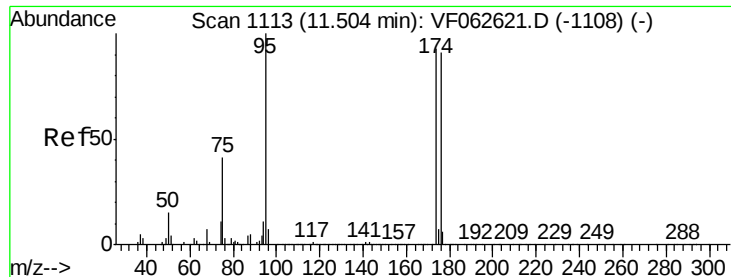
Tot Ion	Ratio	Lower	Upper
113	100		
111	98.9	79.4	119.2
192	17.1	13.4	20.2



#50
Toluene-d8
Concen: 28.441 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF062681.D
Acq: 21 May 2019 14:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	73.1	56.2	84.2





#62

4-Bromofluorobenzene

Concen: 26.888 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VF062681.D

Acq: 21 May 2019 14:22

Instrument :

MSVOA_F

ClientSampleId :

TP-11-D2

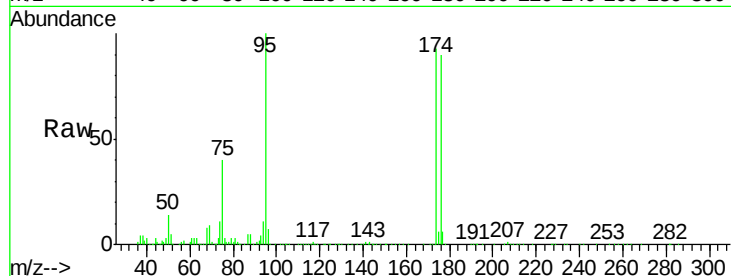
Tot Ion: 95 Resp: 275047

Ion Ratio Lower Upper

95 100

174 93.1 0.0 185.6

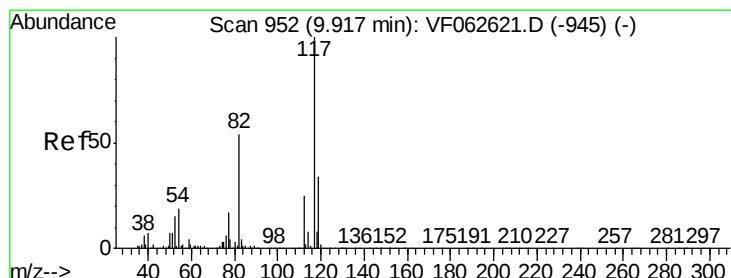
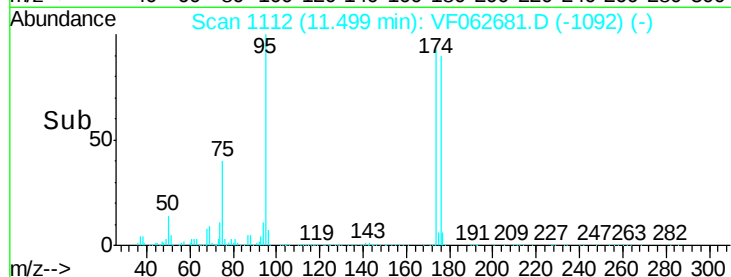
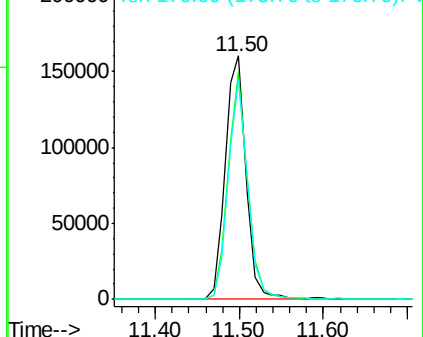
176 90.2 0.0 182.4



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. -0.00 min

Lab File: VF062681.D

Acq: 21 May 2019 14:22

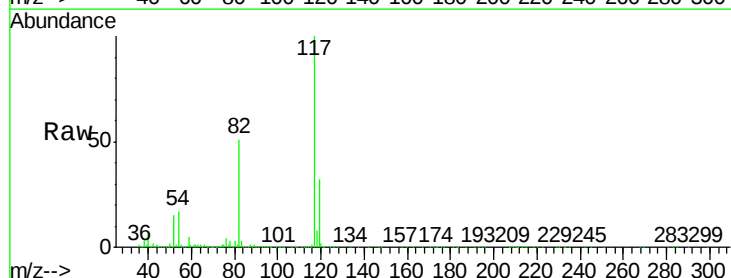
Tgt Ion: 117 Resp: 1033227

Ion Ratio Lower Upper

117 100

82 51.4 43.3 64.9

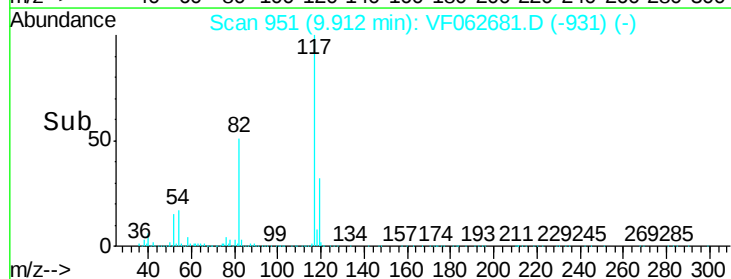
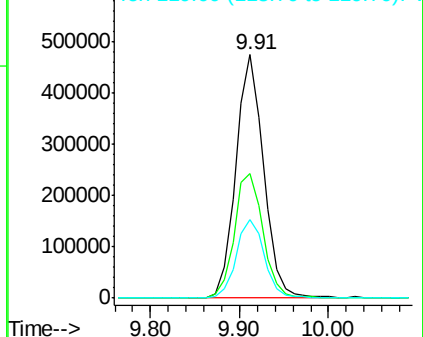
119 32.4 27.4 41.0

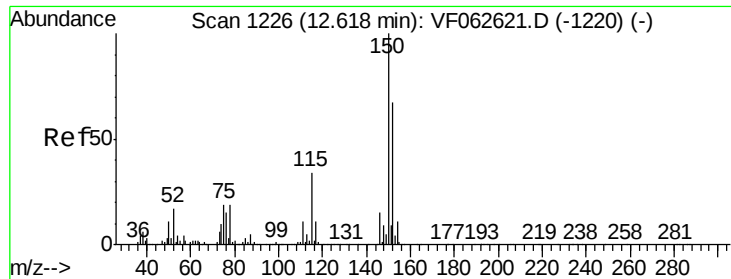


Abundance Ion 117.00 (116.70 to 117.70): VF0

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. -0.00 min

Lab File: VF062681.D

Acq: 21 May 2019 14:22

Instrument :

MSVOA_F

ClientSampleId :

TP-11-D2

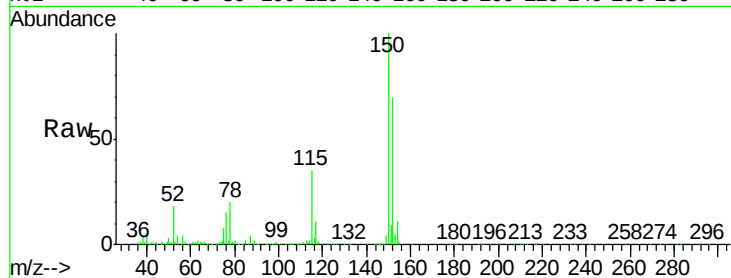
Tot Ion:152 Resp: 492218

Ion Ratio Lower Upper

152 100

115 49.7 25.2 75.6

150 143.2 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

