

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061219\
 Data File : VF062931.D
 Acq On : 12 Jun 2019 16:53
 Operator : FY/SY
 Sample : K3294-04
 Misc : 3.87g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S2(10-15)

Quant Time: Jun 13 08:59:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

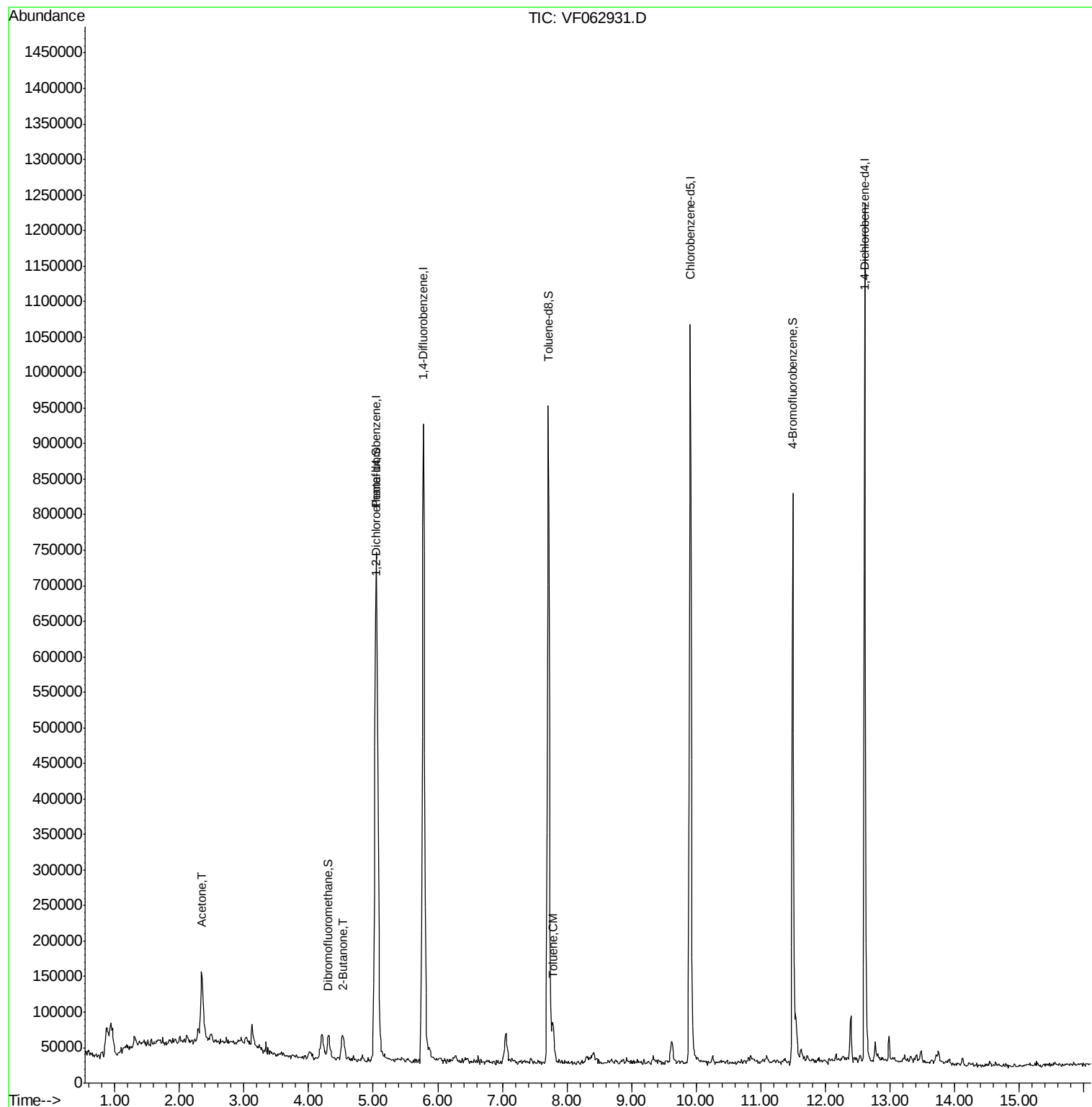
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	627369	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.78	114	1095584	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	803863	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.61	152	287268	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	229038	52.79	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	105.58%	
35) Dibromofluoromethane	4.31	113	30805	3.72	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	7.44%	
50) Toluene-d8	7.71	98	816348	38.99	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	77.98%	
62) 4-Bromofluorobenzene	11.49	95	286082	37.99	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	75.98%	
Target Compounds						
16) Acetone	2.35	43	167713	168.906	ug/l	99
25) 2-Butanone	4.53	43	78126	33.787	ug/l	95
52) Toluene	7.78	92	30254	1.914	ug/l	80

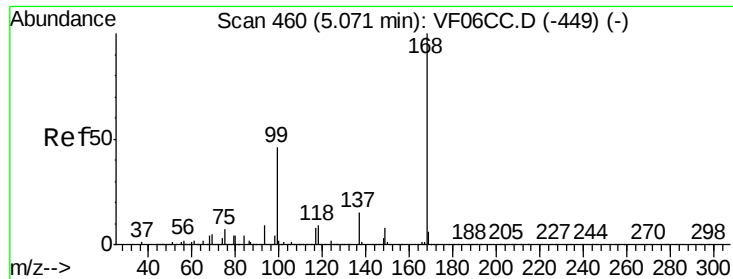
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061219\
Data File : VF062931.D
Acq On : 12 Jun 2019 16:53
Operator : FY/SY
Sample : K3294-04
Misc : 3.87g/5mL/MSVOA F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
S2(10-15)

Quant Time: Jun 13 08:59:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.02 min

Lab File: VF062931.D

Acq: 12 Jun 2019 16:53

Instrument :

MSVOA_F

ClientSampleId :

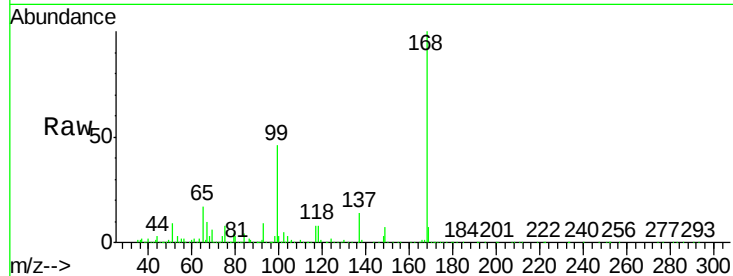
S2(10-15)

Tot Ion:168 Resp: 627369

Ion Ratio Lower Upper

168 100

99 46.2 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

250000

200000

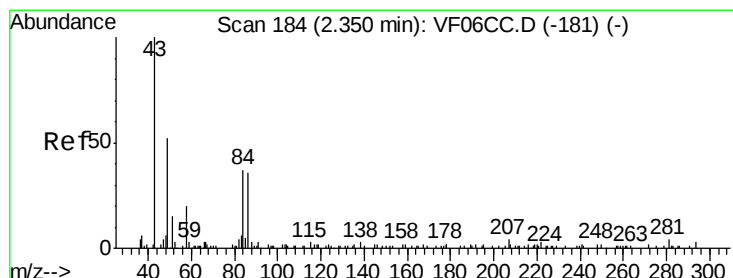
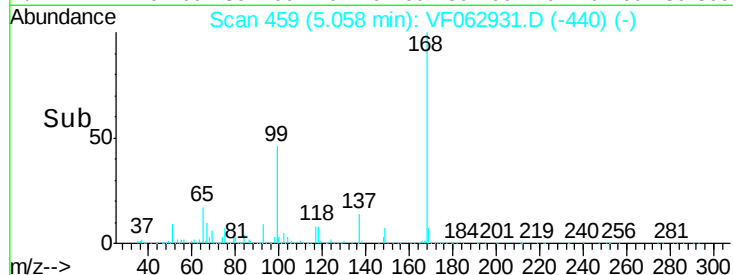
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 168.906 ug/l

RT: 2.35 min Scan# 184

Delta R.T. -0.02 min

Lab File: VF062931.D

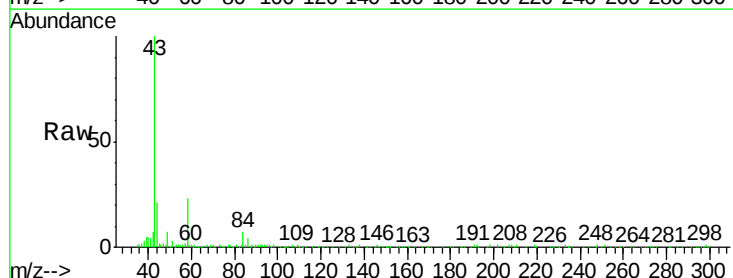
Acq: 12 Jun 2019 16:53

Tgt Ion: 43 Resp: 167713

Ion Ratio Lower Upper

43 100

58 23.1 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.35

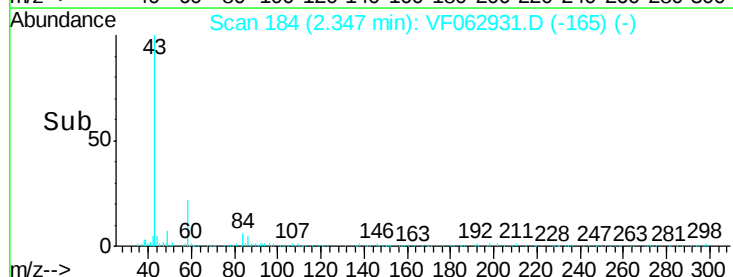
60000

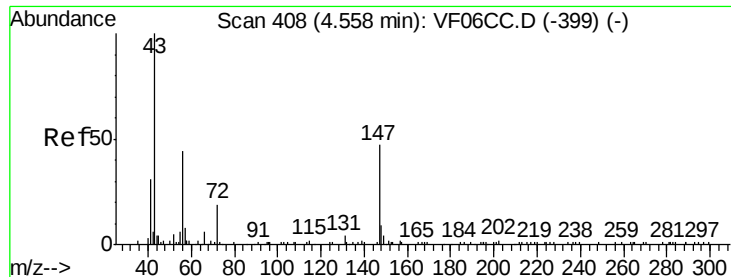
40000

20000

0

Time-->

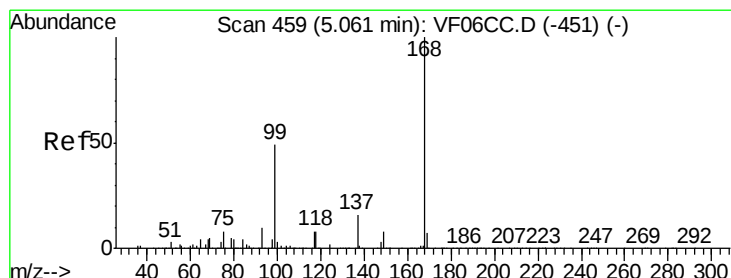
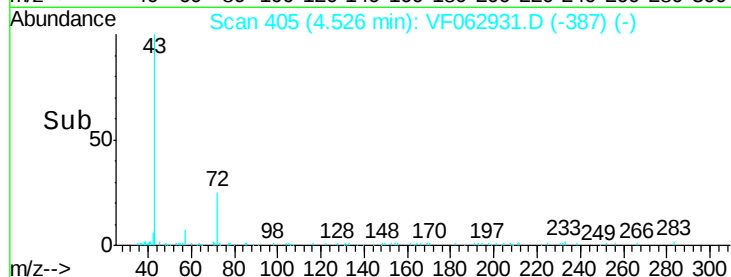
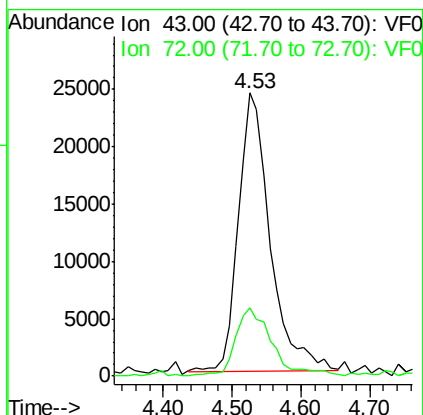
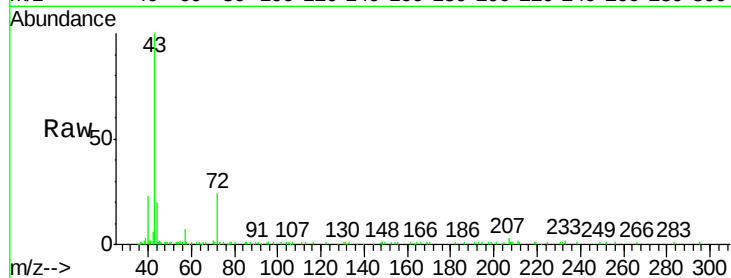




#25
2-Butanone
Concen: 33.787 ug/l
RT: 4.53 min Scan# 405
Delta R.T. -0.03 min
Lab File: VF062931.D
Acq: 12 Jun 2019 16:53

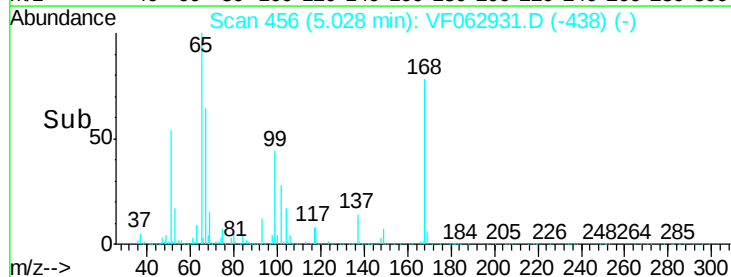
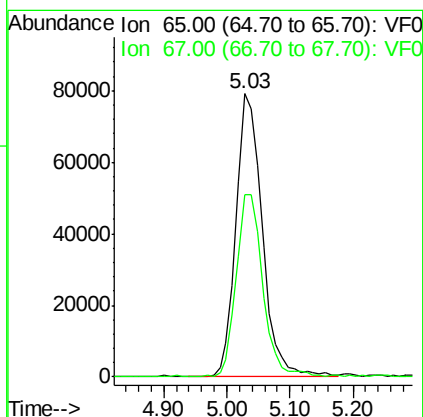
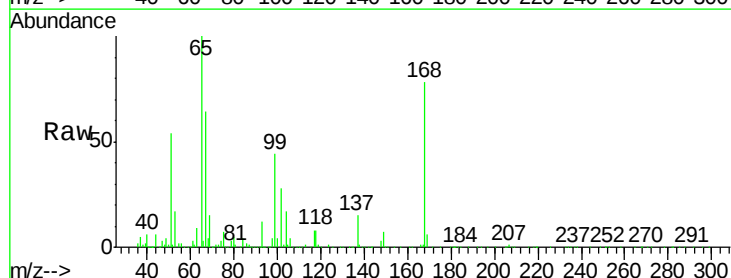
Instrument :
MSVOA_F
ClientSampleId :
S2(10-15)

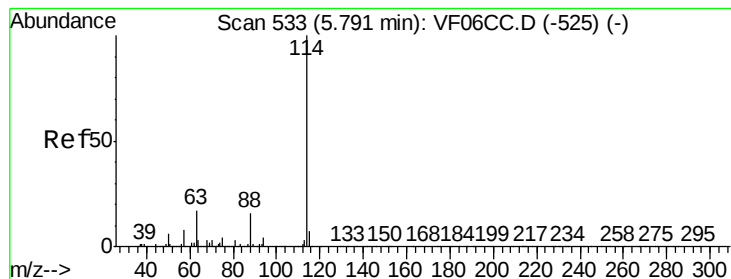
Tot Ion: 43 Resp: 78126
Ion Ratio Lower Upper
43 100
72 23.9 21.4 32.0



#33
1,2-Dichloroethane-d4
Concen: 52.794 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.03 min
Lab File: VF062931.D
Acq: 12 Jun 2019 16:53

Tgt Ion: 65 Resp: 229038
Ion Ratio Lower Upper
65 100
67 64.2 0.0 121.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.03 min

Lab File: VF062931.D

Acq: 12 Jun 2019 16:53

Instrument :

MSVOA_F

ClientSampleId :

S2(10-15)

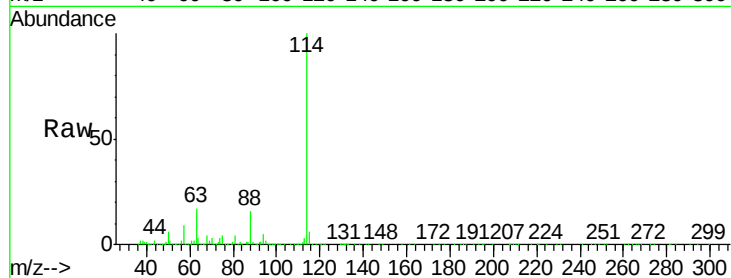
Tot Ion:114 Resp: 1095584

Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.2

88 15.5 0.0 31.2



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

500000

400000

300000

200000

100000

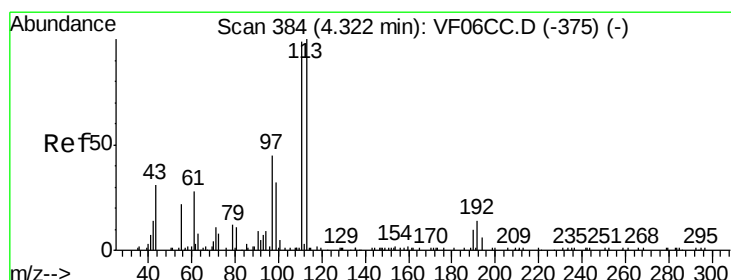
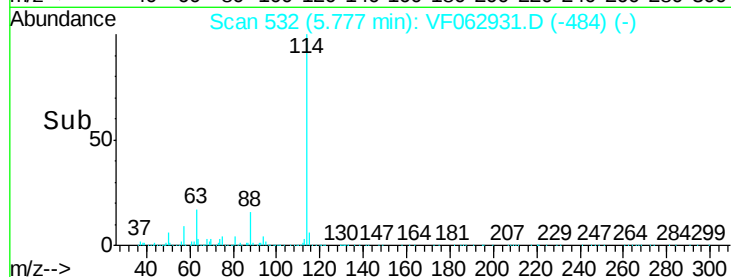
0

5.60

5.80

6.00

Time-->



#35

Dibromofluoromethane

Concen: 3.721 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.03 min

Lab File: VF062931.D

Acq: 12 Jun 2019 16:53

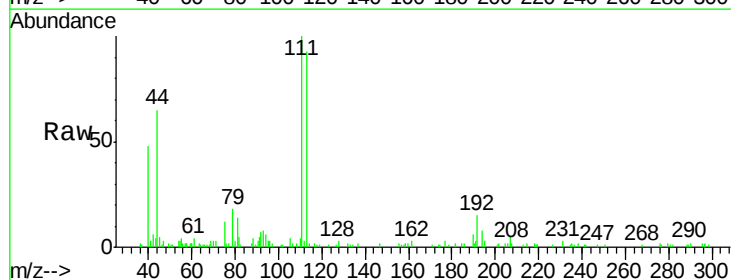
Tgt Ion:113 Resp: 30805

Ion Ratio Lower Upper

113 100

111 110.5 81.9 122.9

192 15.7 15.1 22.7



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

15000

10000

5000

0

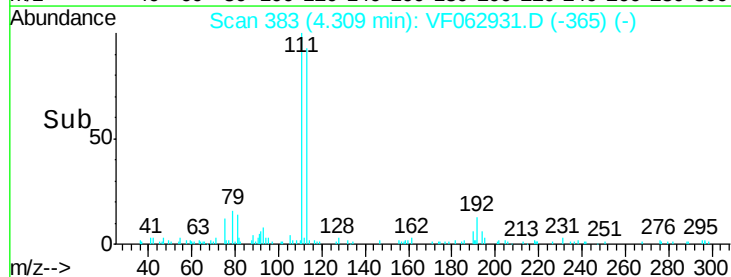
4.20

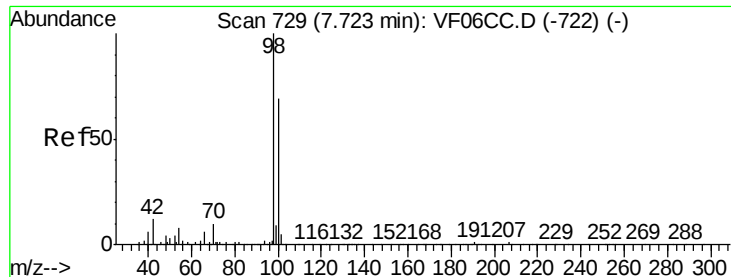
4.30

4.40

4.50

Time-->

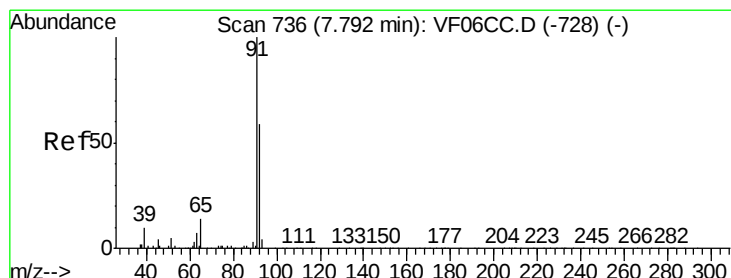
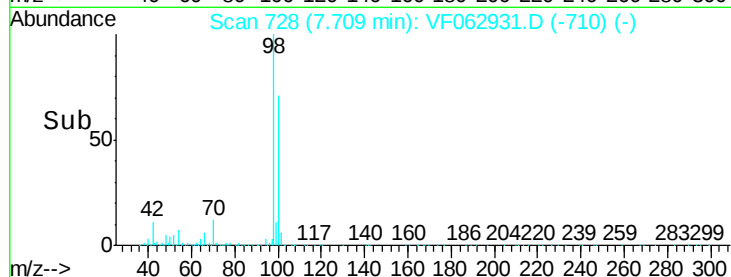
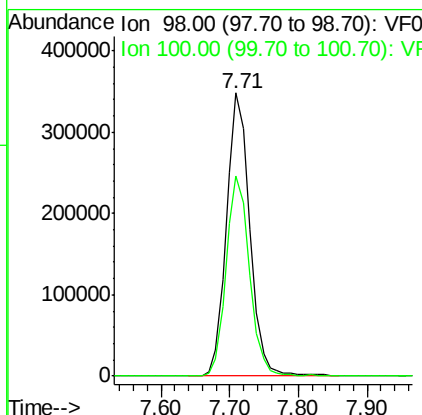
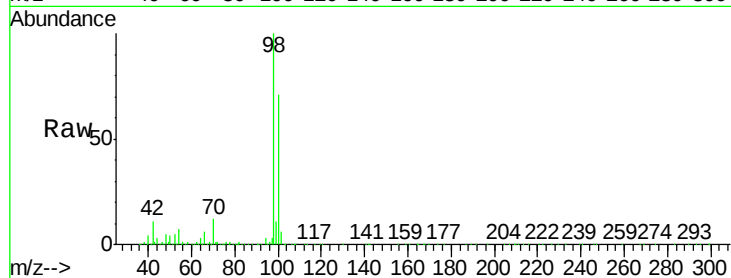




#50
Toluene-d8
Concen: 38.994 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.03 min
Lab File: VF062931.D
Acq: 12 Jun 2019 16:53

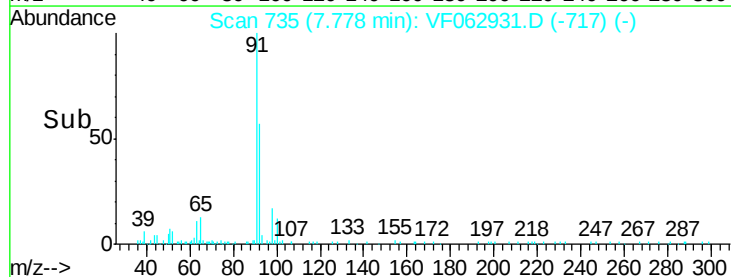
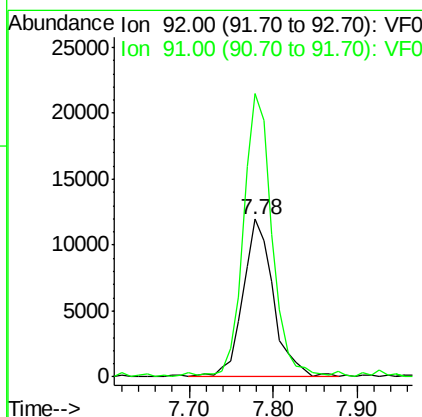
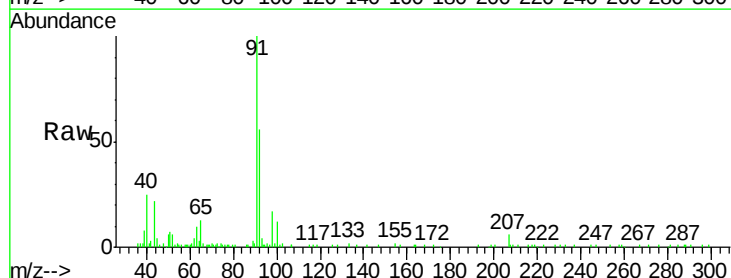
Instrument :
MSVOA_F
ClientSampleId :
S2(10-15)

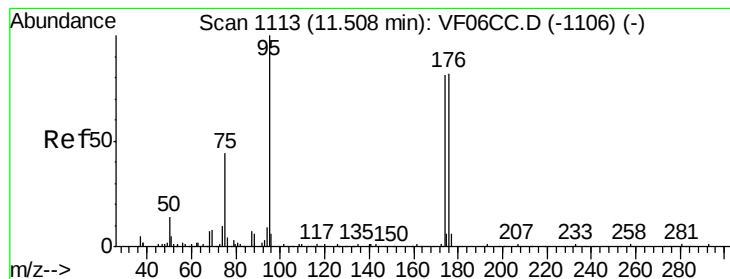
Tot Ion: 98 Resp: 816348
Ion Ratio Lower Upper
98 100
100 70.9 59.8 89.8



#52
Toluene
Concen: 1.914 ug/l
RT: 7.78 min Scan# 735
Delta R.T. -0.03 min
Lab File: VF062931.D
Acq: 12 Jun 2019 16:53

Tgt Ion: 92 Resp: 30254
Ion Ratio Lower Upper
92 100
91 179.7 123.2 184.8





#62

4-Bromofluorobenzene

Concen: 37.989 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.02 min

Lab File: VF062931.D

Acq: 12 Jun 2019 16:53

Instrument :

MSVOA_F

ClientSampleId :

S2(10-15)

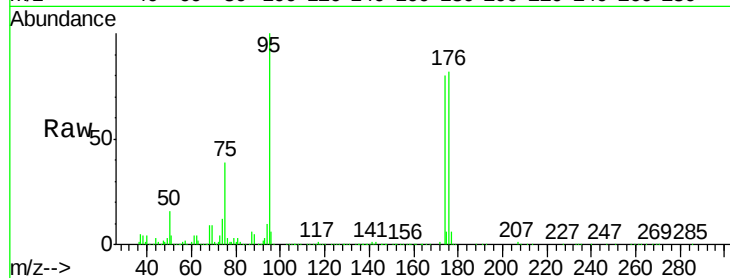
Tot Ion: 95 Resp: 286082

Ion Ratio Lower Upper

95 100

174 79.6 0.0 170.6

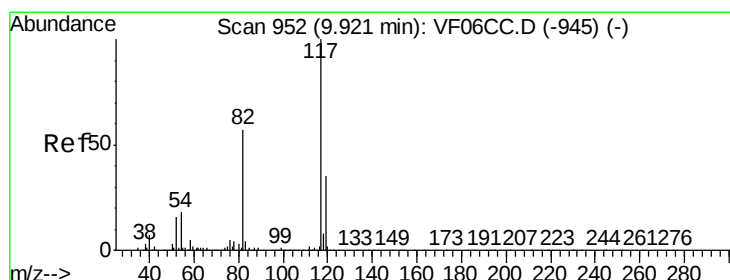
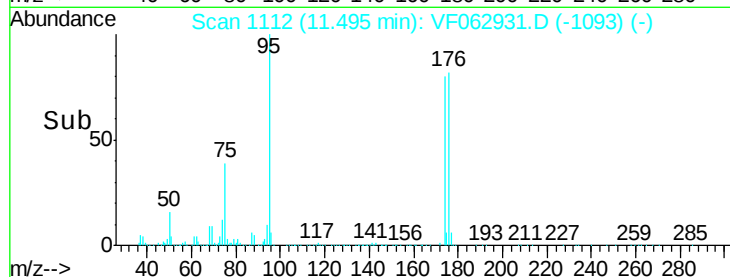
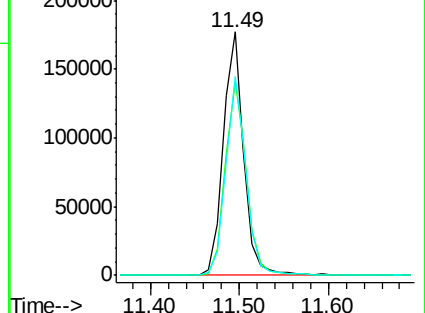
176 81.6 0.0 170.6



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. -0.03 min

Lab File: VF062931.D

Acq: 12 Jun 2019 16:53

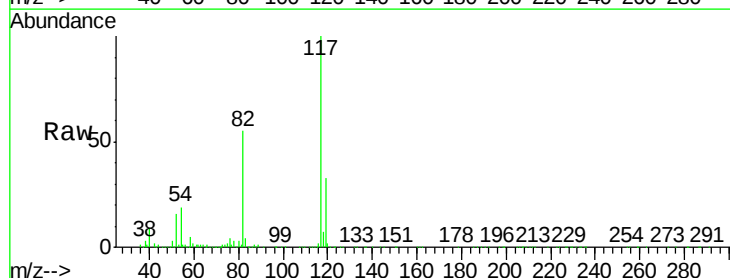
Tgt Ion: 117 Resp: 803863

Ion Ratio Lower Upper

117 100

82 54.8 42.4 63.6

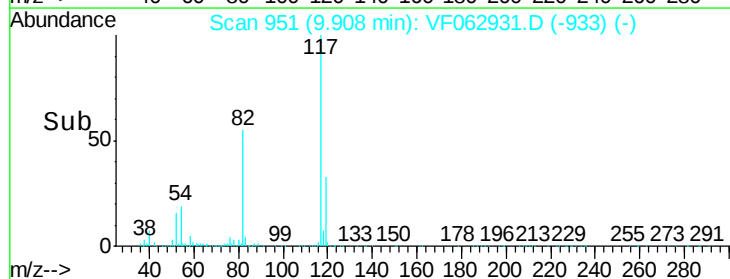
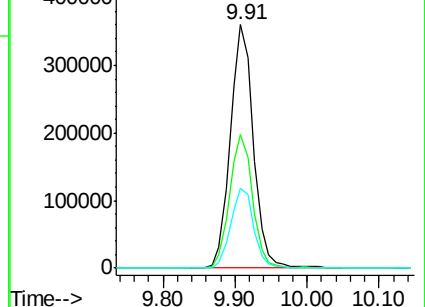
119 33.0 27.1 40.7

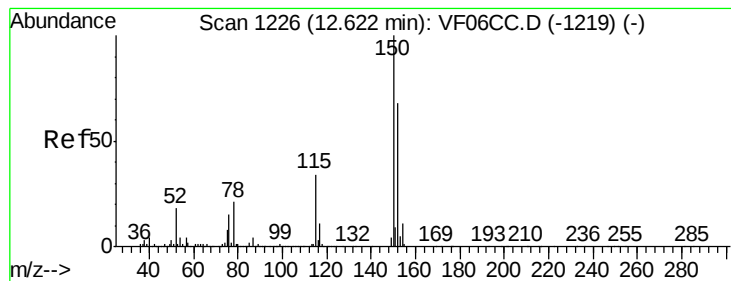


Abundance Ion 117.00 (116.70 to 117.70): VF0

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. -0.02 min

Lab File: VF062931.D

Acq: 12 Jun 2019 16:53

Instrument :

MSVOA_F

ClientSampleId :

S2(10-15)

Tot Ion:152 Resp: 287268

Ion Ratio Lower Upper

152 100

115 58.1 24.6 74.0

150 155.5 0.0 290.6

