

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
 Data File : VF062844.D
 Acq On : 4 Jun 2019 17:42
 Operator : FY/SY
 Sample : K3173-04
 Misc : 4.49g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-SF-02-004-B

Quant Time: Jun 05 06:29:47 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

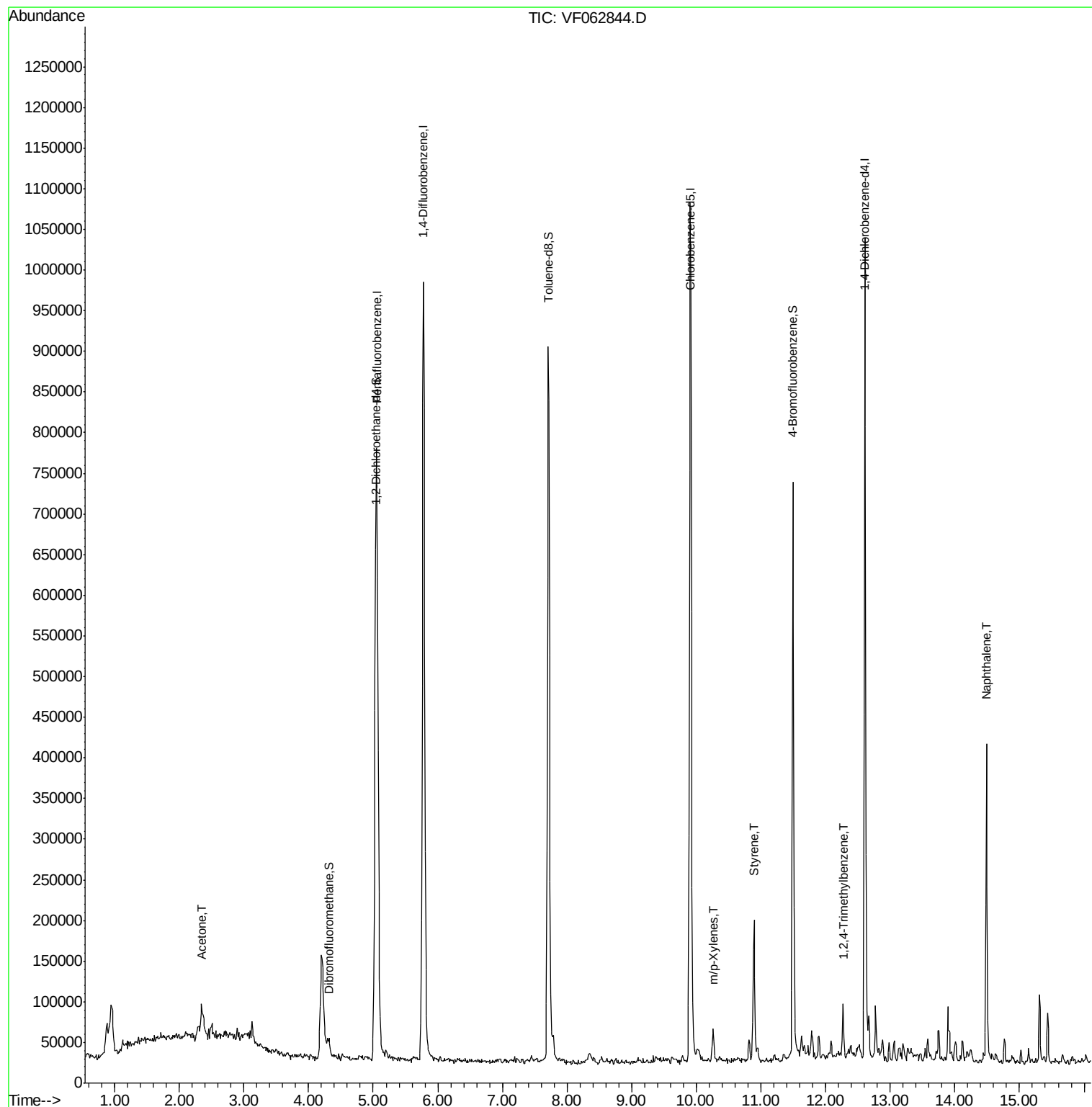
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	714123	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.78	114	1216407	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	830247	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.61	152	260836	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	213141	43.16	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	86.32%	
35) Dibromofluoromethane	4.31	113	18059	1.96	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	3.92%	
50) Toluene-d8	7.71	98	801422	34.48	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	68.96%	
62) 4-Bromofluorobenzene	11.49	95	250203	29.92	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	59.84%	
Target Compounds						
16) Acetone	2.36	43	34918	30.894	ug/l #	87
68) m/p-Xylenes	10.26	106	13535	1.286	ug/l #	70
70) Styrene	10.89	104	93472	5.949	ug/l	97
84) 1,2,4-Trimethylbenzene	12.26	105	36635	2.596	ug/l	70
95) Naphthalene	14.49	128	255094	31.992	ug/l	96

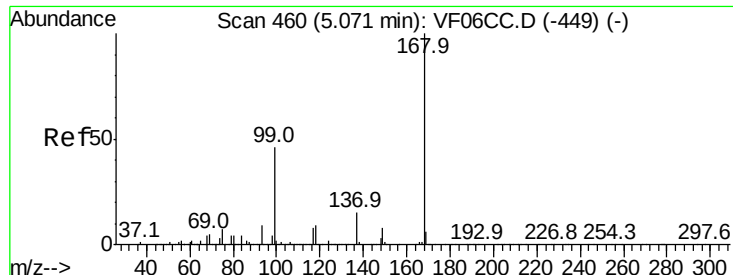
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062844.D
Acq On : 4 Jun 2019 17:42
Operator : FY/SY
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Misc : 4.49g/5mL/MSVOA F/SOIL
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FK-SF-02-004-B

Quant Time: Jun 05 06:29:47 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: VF062844.D

Acq: 4 Jun 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

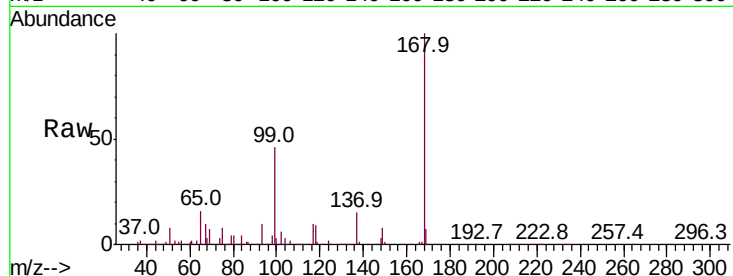
FK-SF-02-004-B

Tot Ion:168 Resp: 714123

Ion Ratio Lower Upper

168 100

99 46.0 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

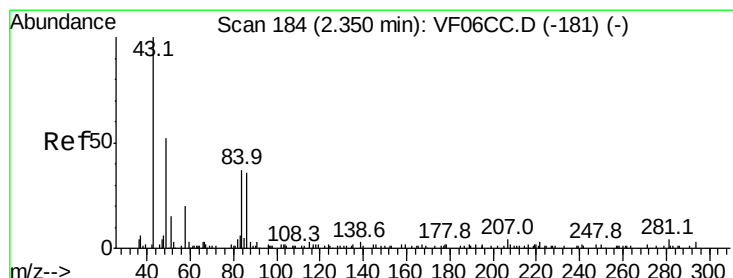
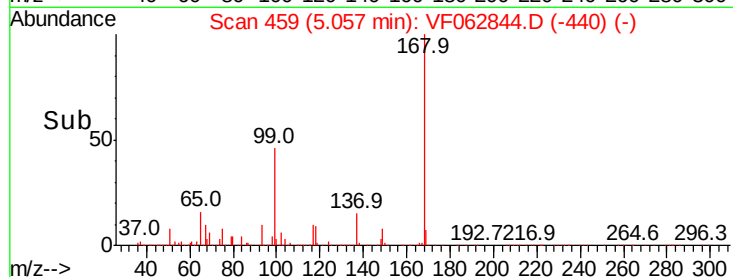
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 30.894 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.01 min

Lab File: VF062844.D

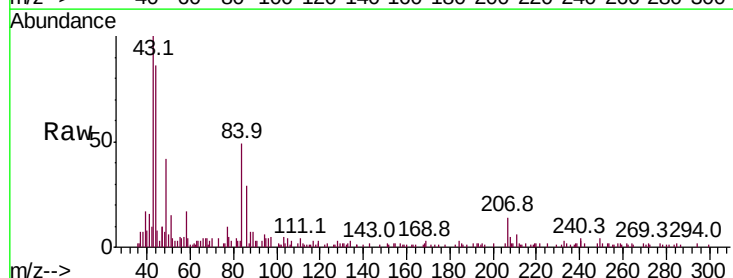
Acq: 4 Jun 2019 17:42

Tgt Ion: 43 Resp: 34918

Ion Ratio Lower Upper

43 100

58 17.2 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

12000

10000

8000

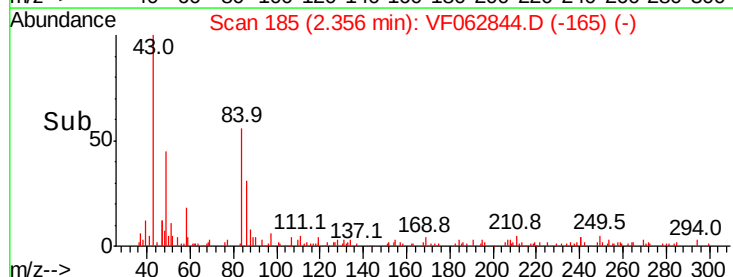
6000

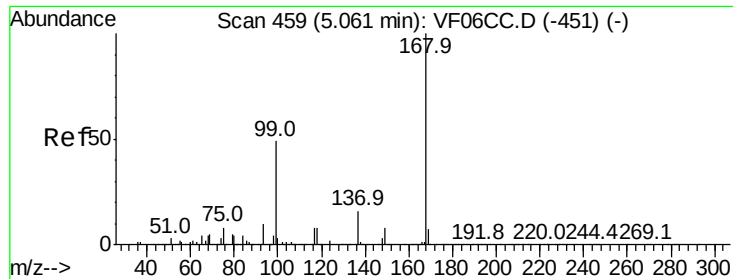
4000

2000

0

Time-->

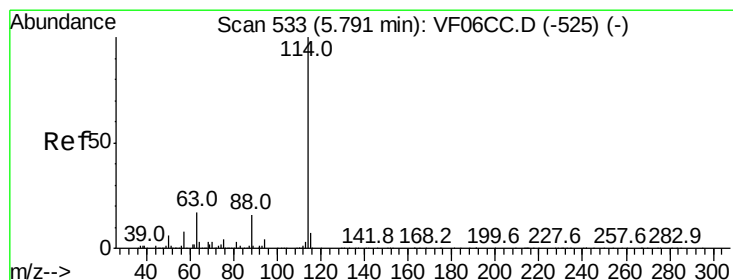
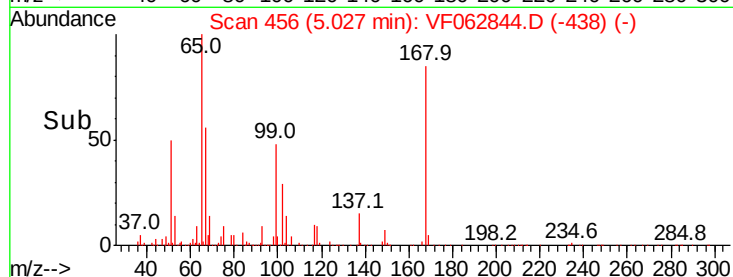
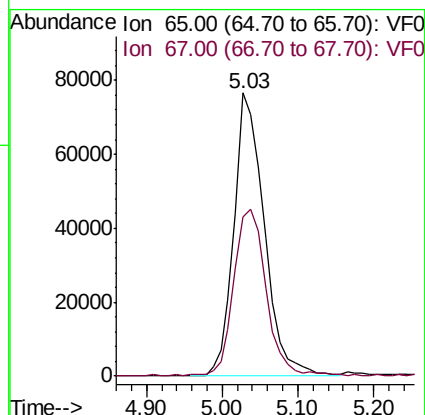
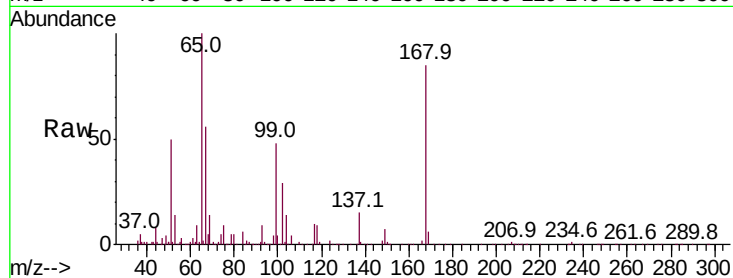




#33
 1,2-Dichloroethane-d4
 Concen: 43.162 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. -0.03 min
 Lab File: VF062844.D
 Acq: 4 Jun 2019 17:42

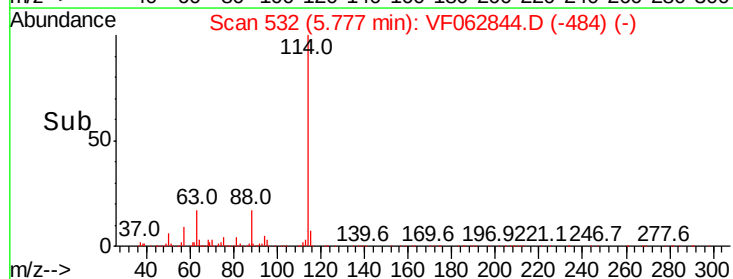
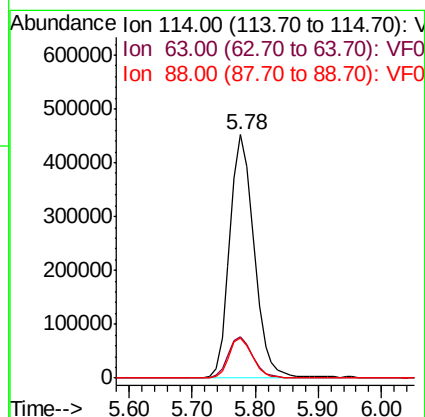
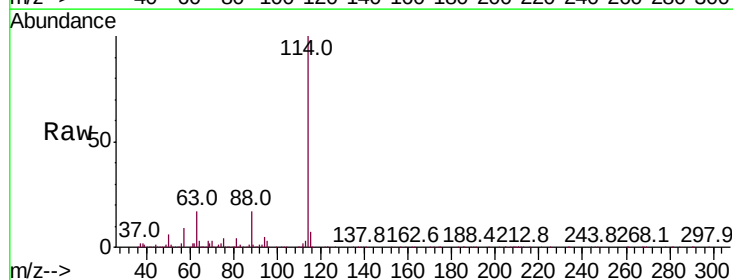
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-SF-02-004-B

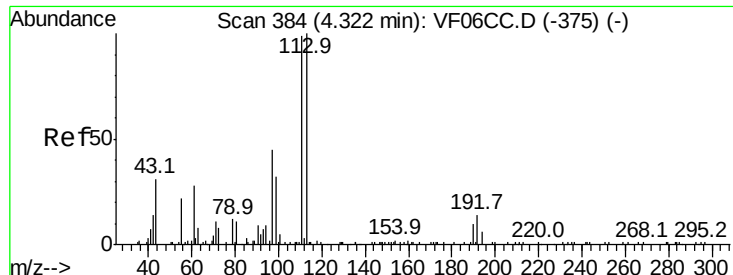
Tot Ion: 65 Resp: 213141
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 532
 Delta R.T. -0.03 min
 Lab File: VF062844.D
 Acq: 4 Jun 2019 17:42

Tgt Ion: 114 Resp: 1216407
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 34.2
 88 16.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 1.965 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.03 min

Lab File: VF062844.D

Acq: 4 Jun 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-02-004-B

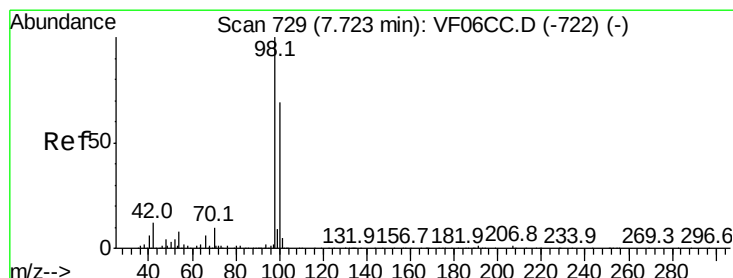
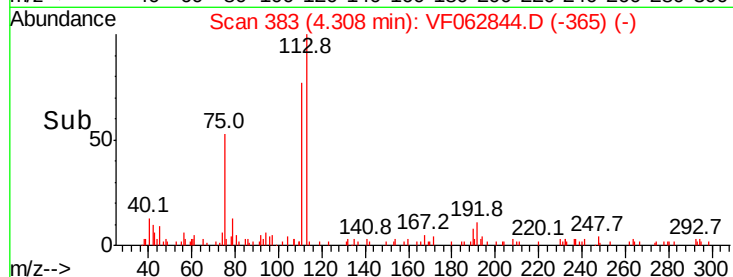
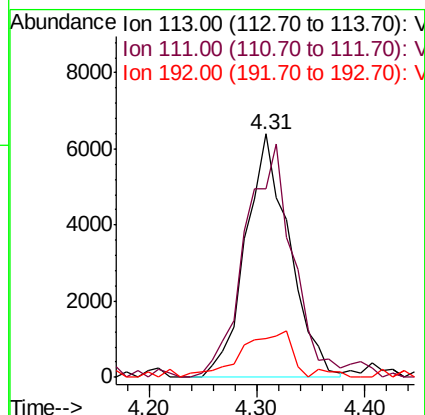
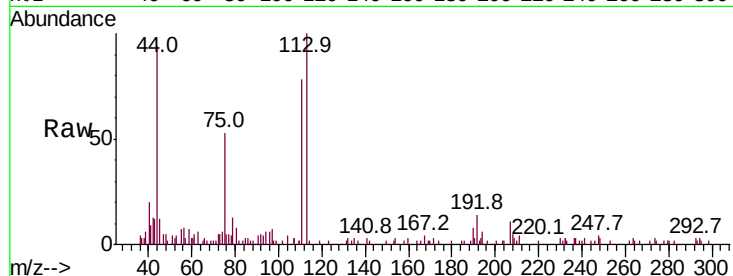
Tot Ion:113 Resp: 18059

Ion Ratio Lower Upper

113 100

111 77.7 81.9 122.9#

192 15.7 15.1 22.7



#50

Toluene-d8

Concen: 34.479 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.03 min

Lab File: VF062844.D

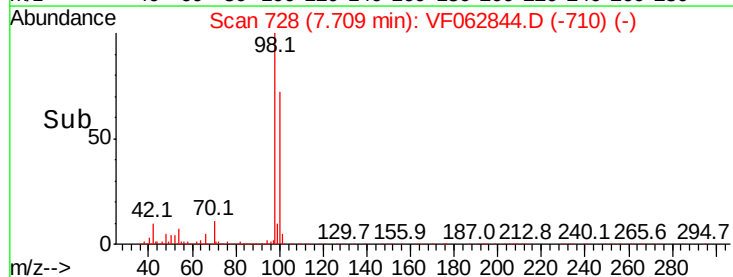
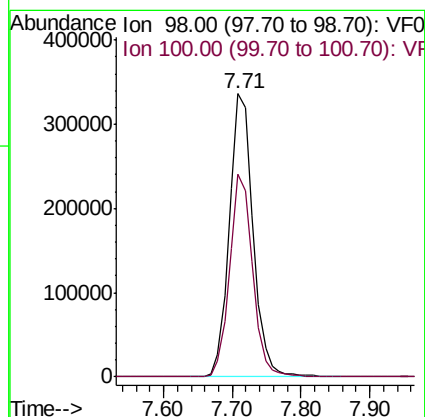
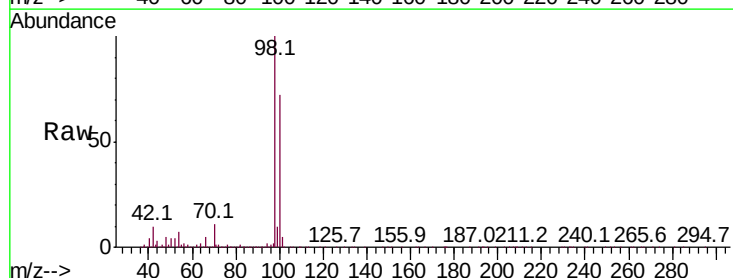
Acq: 4 Jun 2019 17:42

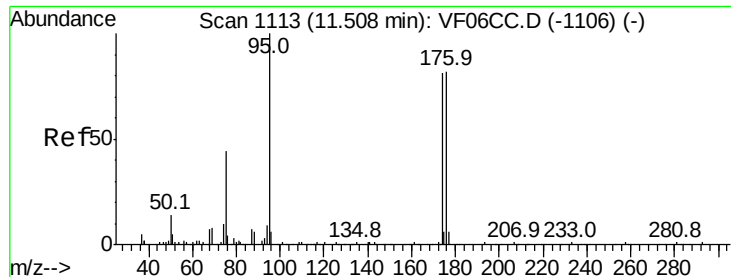
Tgt Ion: 98 Resp: 801422

Ion Ratio Lower Upper

98 100

100 71.8 59.8 89.8





#62

4-Bromofluorobenzene

Concen: 29.925 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.02 min

Lab File: VF062844.D

Acq: 4 Jun 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-02-004-B

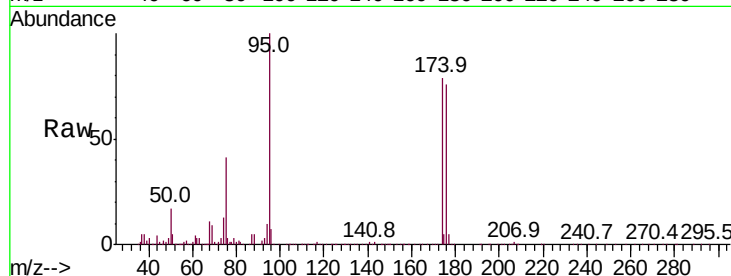
Tot Ion: 95 Resp: 250203

Ion Ratio Lower Upper

95 100

174 78.8 0.0 170.6

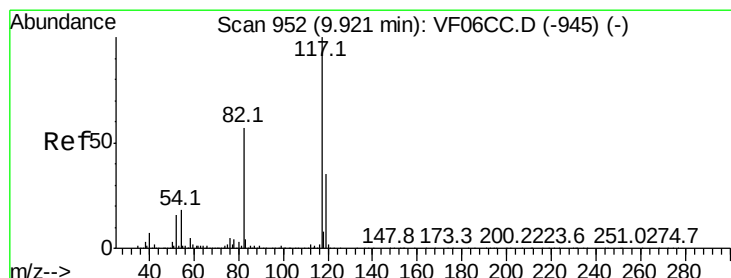
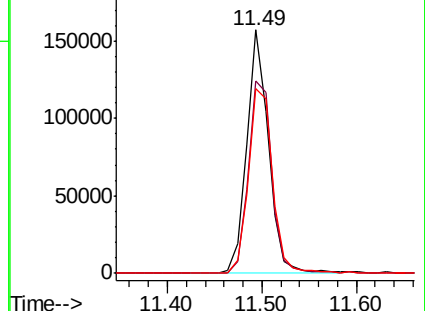
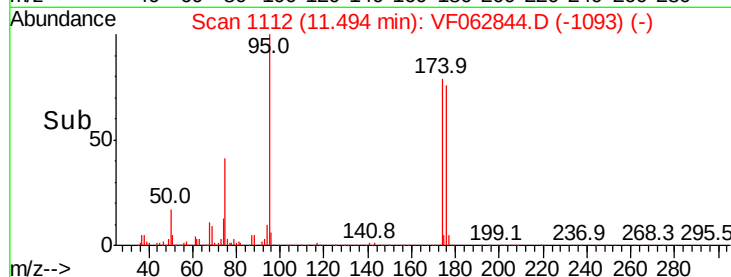
176 75.8 0.0 170.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.03 min

Lab File: VF062844.D

Acq: 4 Jun 2019 17:42

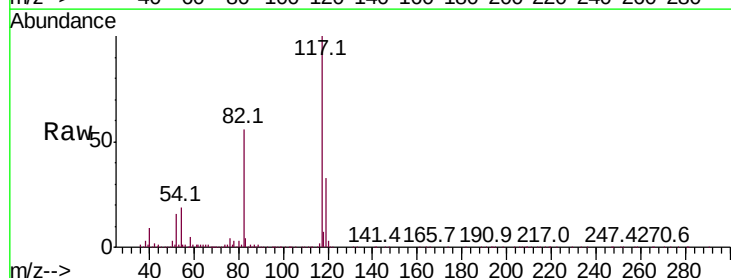
Tgt Ion: 117 Resp: 830247

Ion Ratio Lower Upper

117 100

82 56.1 42.4 63.6

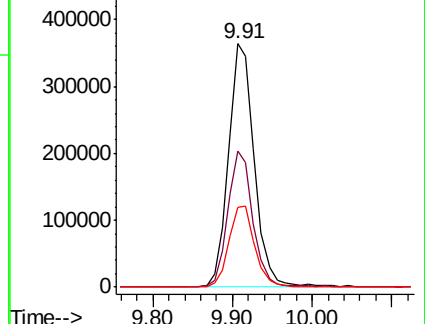
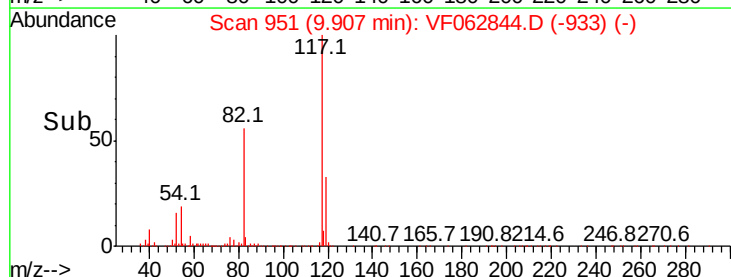
119 32.8 27.1 40.7

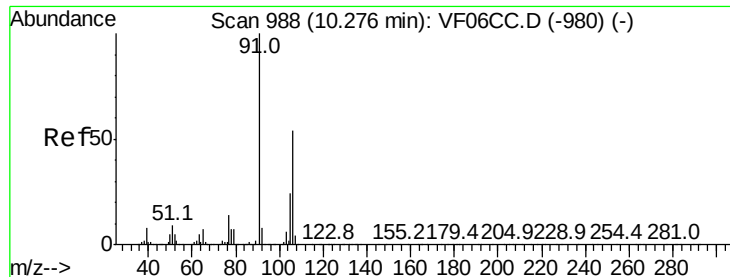


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V

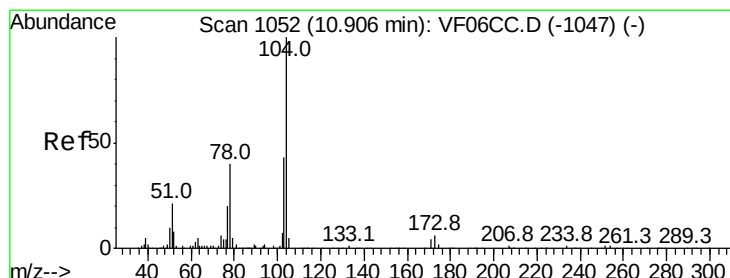
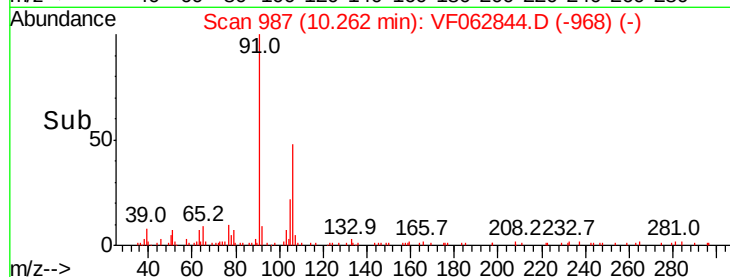
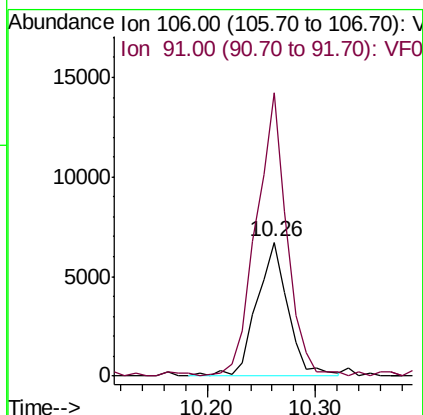
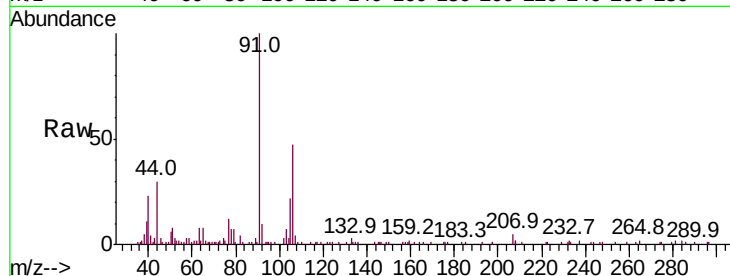




#68
m/p-Xylenes
Concen: 1.286 ug/l
RT: 10.26 min Scan# 987
Delta R.T. -0.02 min
Lab File: VF062844.D
Acq: 4 Jun 2019 17:42

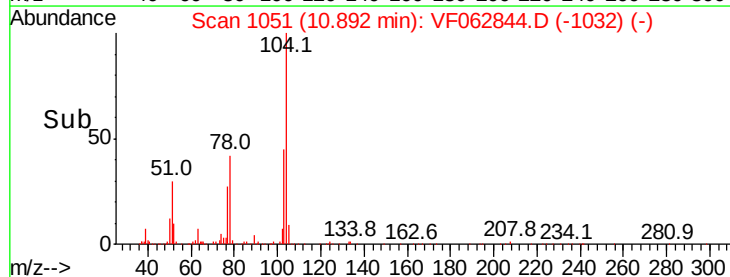
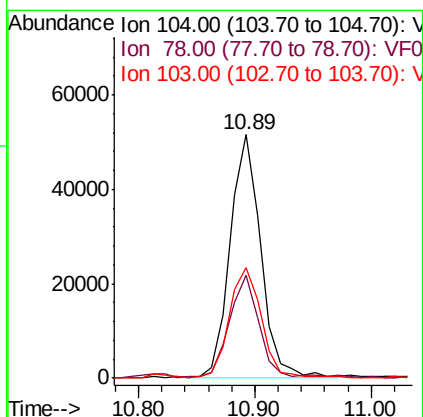
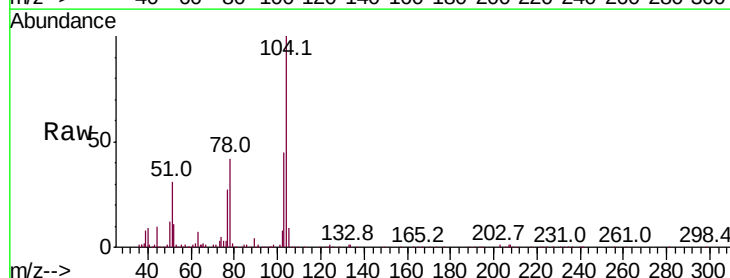
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-02-004-B

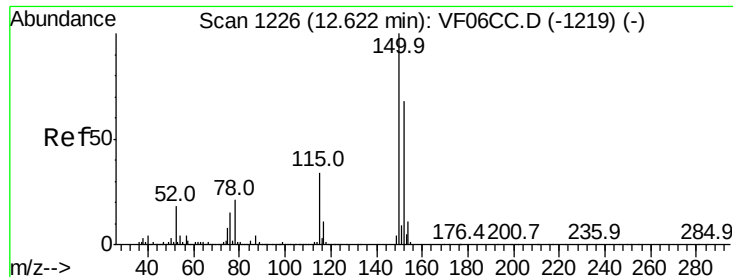
Tot Ion:106 Resp: 13535
Ion Ratio Lower Upper
106 100
91 211.0 136.2 204.4#



#70
Styrene
Concen: 5.949 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. -0.02 min
Lab File: VF062844.D
Acq: 4 Jun 2019 17:42

Tgt Ion:104 Resp: 93472
Ion Ratio Lower Upper
104 100
78 42.3 30.8 46.2
103 45.2 35.8 53.6



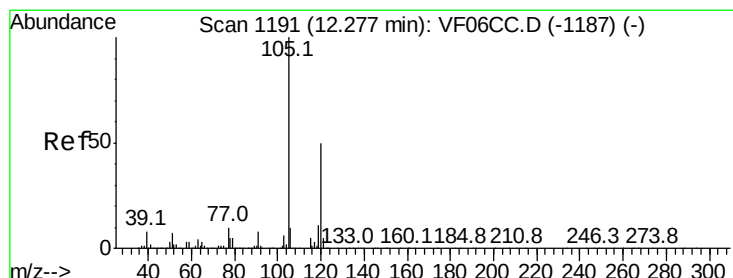
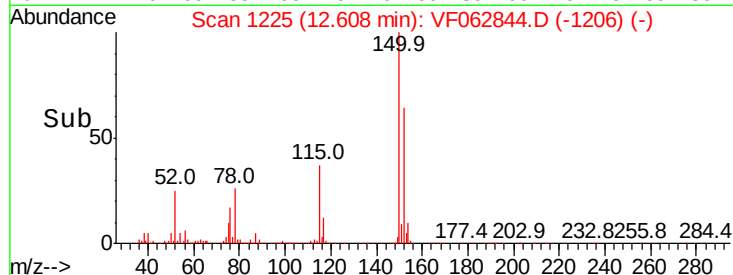
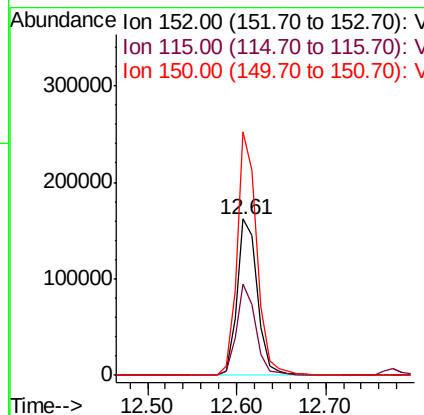
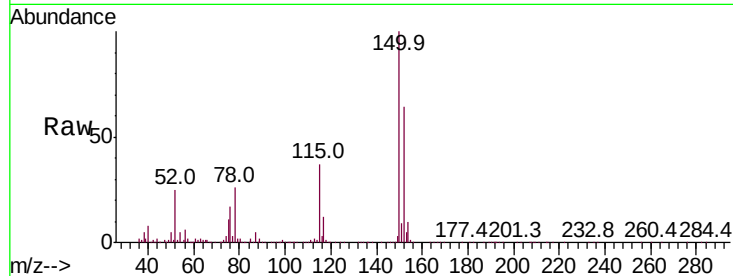


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF062844.D
Acq: 4 Jun 2019 17:42

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-02-004-B

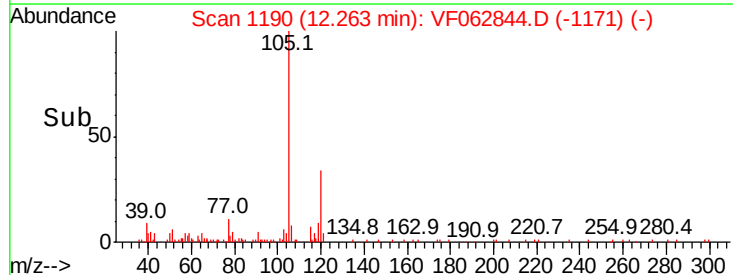
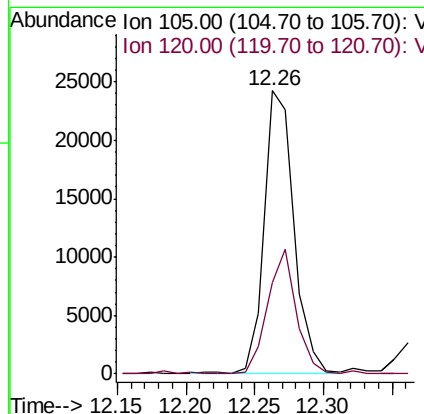
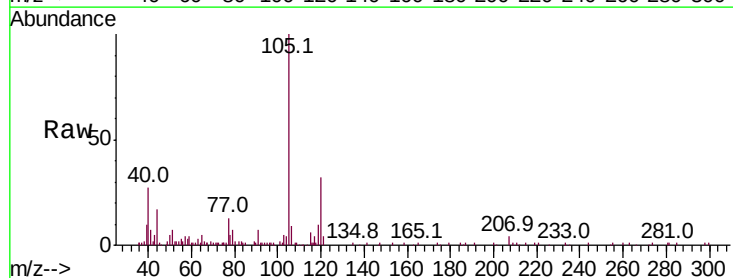
Tot Ion	Ratio	Lower	Upper
152	100		
115	58.1	24.6	74.0
150	155.6	0.0	290.6

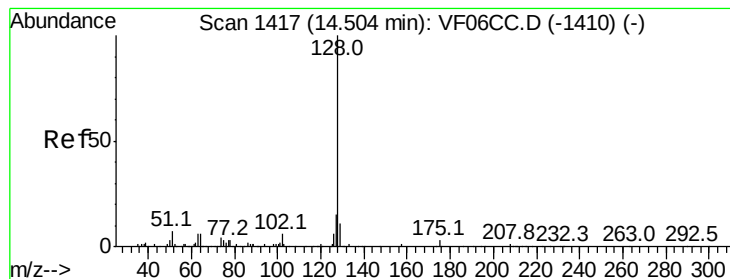


#84

1,2,4-Trimethylbenzene
Concen: 2.596 ug/l
RT: 12.26 min Scan# 1190
Delta R.T. -0.02 min
Lab File: VF062844.D
Acq: 4 Jun 2019 17:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	32.4	27.1	81.3





#95

Naphthalene

Concen: 31.992 ug/l

RT: 14.49 min Scan# 1416

Delta R.T. -0.02 min

Lab File: VF062844.D

Acq: 4 Jun 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-02-004-B

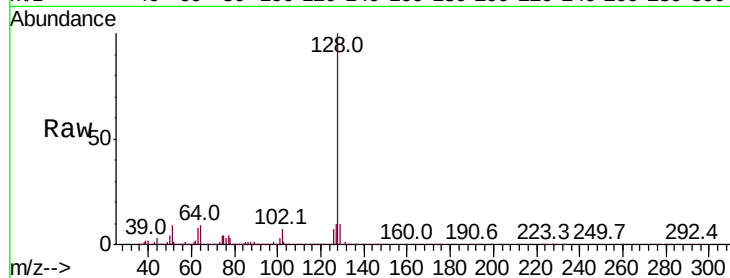
Tot Ion:128 Resp: 255094

Ion Ratio Lower Upper

128 100

127 10.4 9.7 14.5

129 10.5 9.4 14.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

