

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011419\
 Data File : VF061388.D
 Acq On : 14 Jan 2019 14:41
 Operator : VA/AP
 Sample : K1015-05
 Misc : 6.82g/5mL/MSVOA-F/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-011119-A

Quant Time: Jan 14 21:56:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

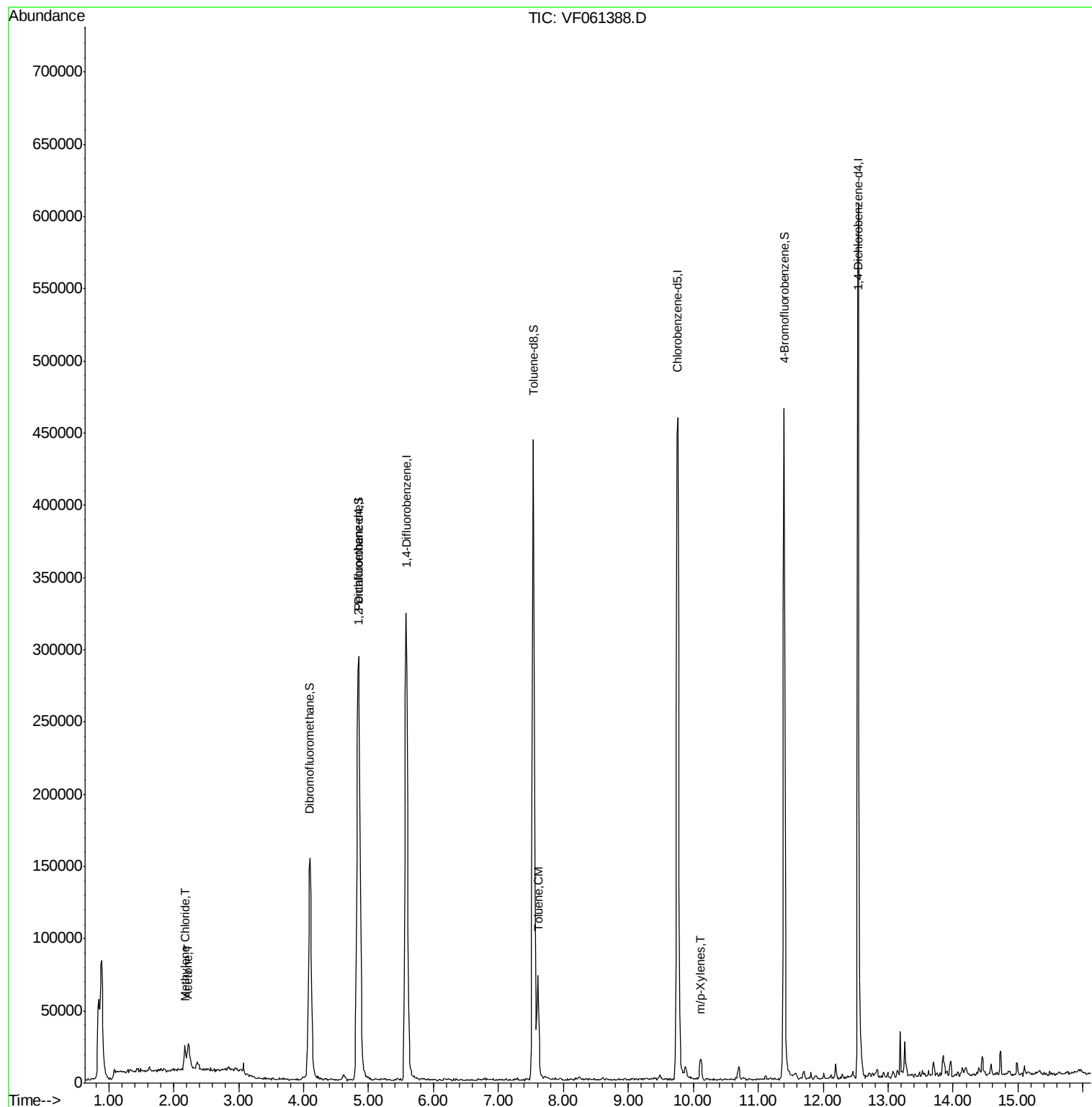
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	222202	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	363009	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	343148	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	161504	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	127938	51.73	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	103.46%	
35) Dibromofluoromethane	4.10	113	150027	54.01	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	108.02%	
50) Toluene-d8	7.54	98	380074	46.24	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	92.48%	
62) 4-Bromofluorobenzene	11.40	95	177091	49.34	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	98.68%	
Target Compounds						
16) Acetone	2.22	43	13200	22.943	ug/l #	86
20) Methylene Chloride	2.18	84	11664m	4.792	ug/l	
52) Toluene	7.61	92	36757	5.778	ug/l	92
68) m/p-Xylenes	10.12	106	5173	1.110	ug/l	96

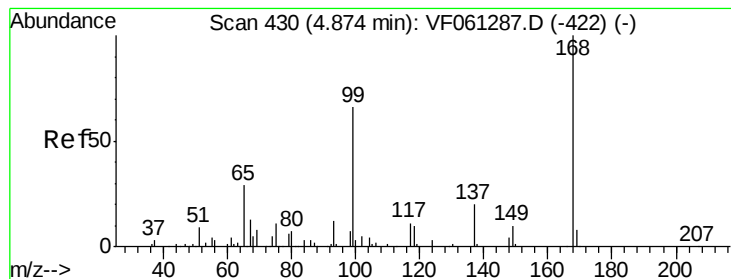
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011419\
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Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061388.D

Acq: 14 Jan 2019 14:41

Instrument :

MSVOA_F

ClientSampleId :

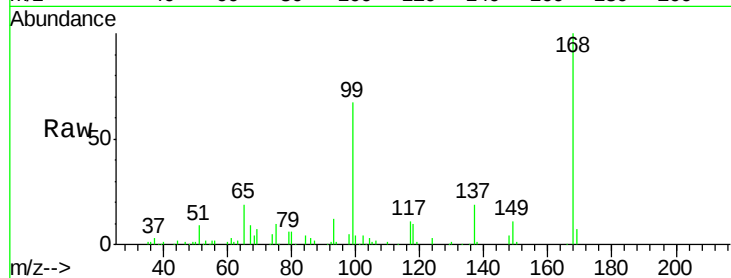
SU-02-011119-A

Tot Ion:168 Resp: 222202

Ion Ratio Lower Upper

168 100

99 67.2 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

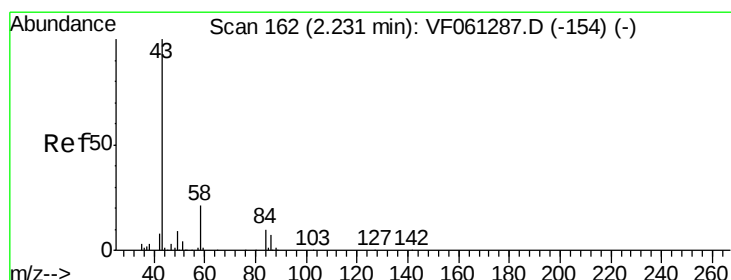
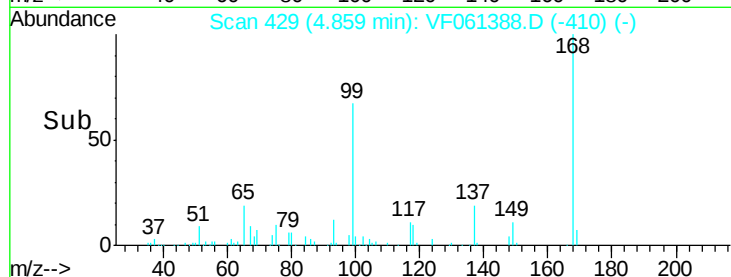
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 22.943 ug/l

RT: 2.22 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF061388.D

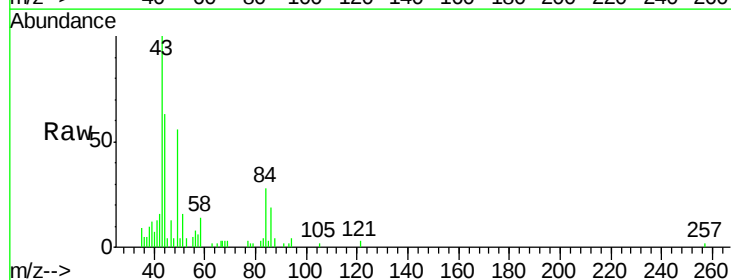
Acq: 14 Jan 2019 14:41

Tgt Ion: 43 Resp: 13200

Ion Ratio Lower Upper

43 100

58 14.3 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.22

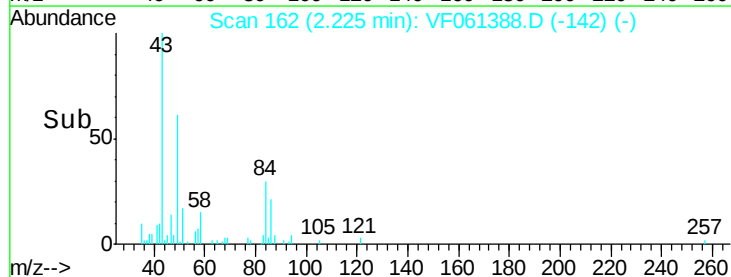
6000

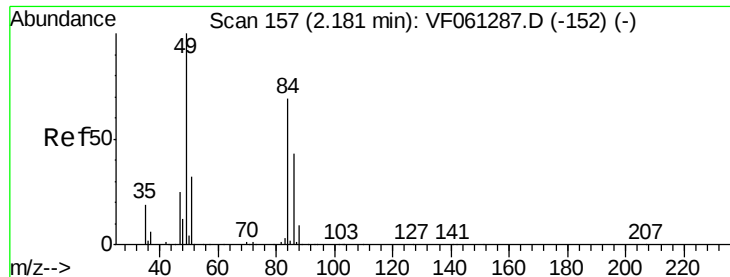
4000

2000

0

Time-->

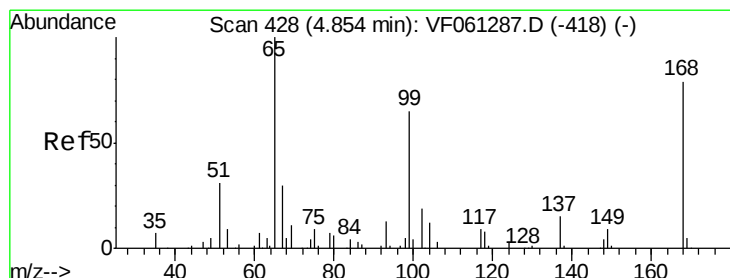
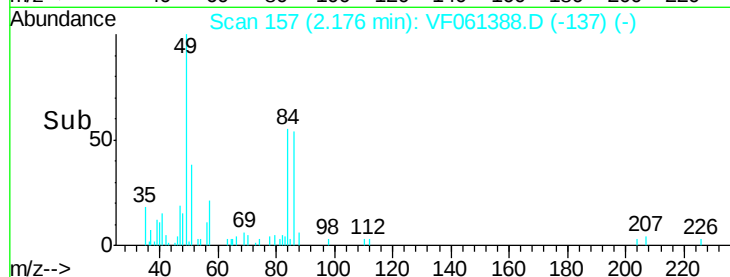
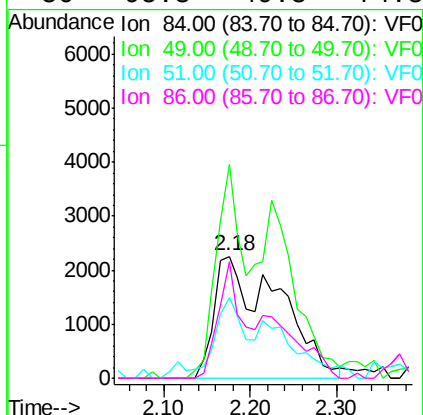
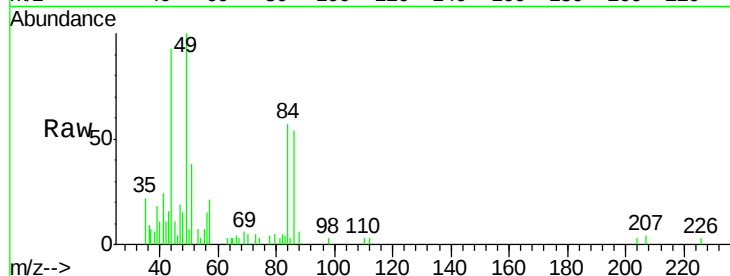




#20
Methvlene Chloride
Concen: 4.792 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF061388.D
Acq: 14 Jan 2019 14:41

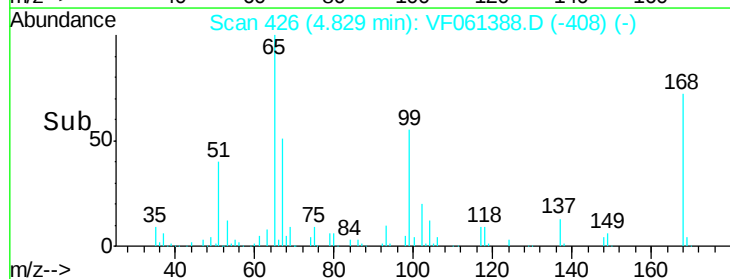
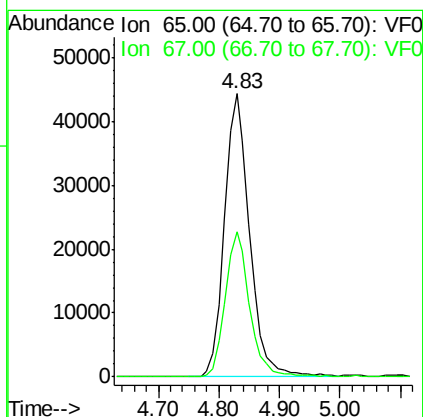
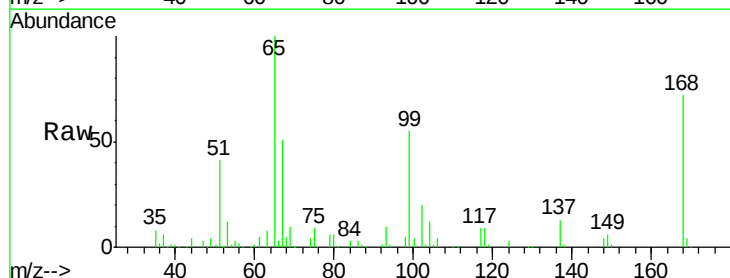
Instrument :
MSVOA_F
ClientSampleId :
SU-02-011119-A

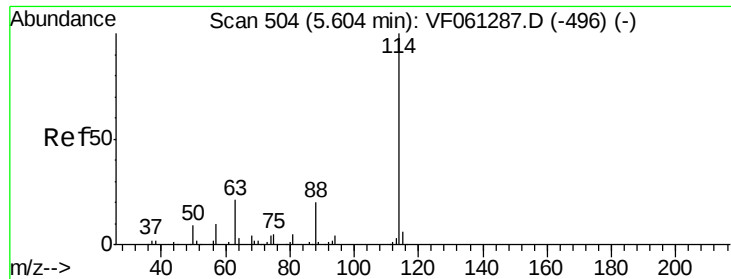
Tot Ion: 84 Resp: 11664
Ion Ratio Lower Upper
84 100
49 175.1 116.6 175.0#
51 66.2 37.7 56.5#
86 95.3 49.8 74.8#



#33
1,2-Dichloroethane-d4
Concen: 51.729 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF061388.D
Acq: 14 Jan 2019 14:41

Tgt Ion: 65 Resp: 127938
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.2

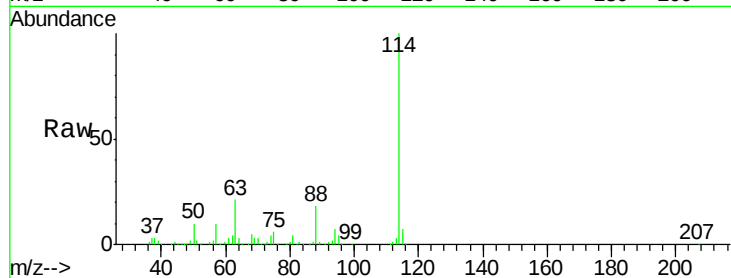




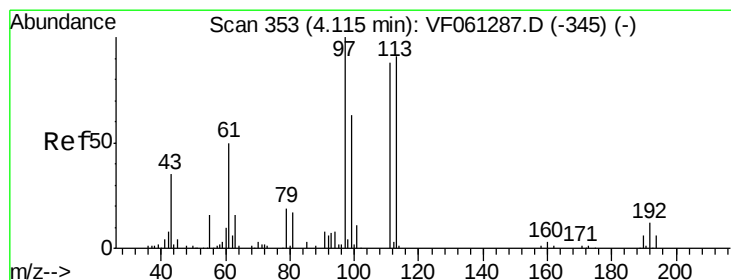
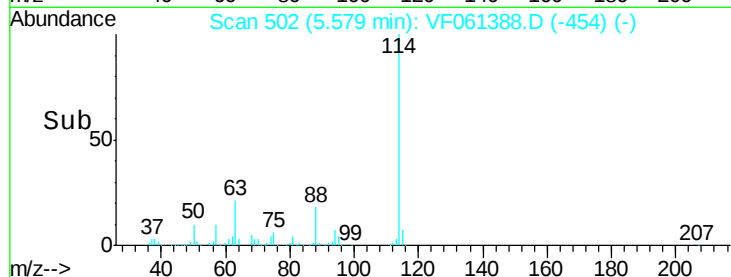
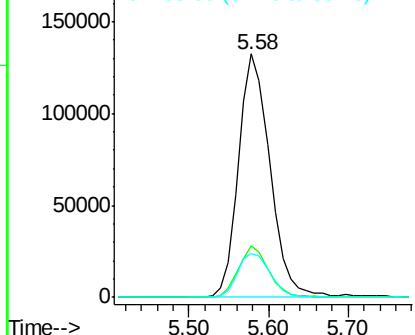
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.03 min
 Lab File: VF061388.D
 Acq: 14 Jan 2019 14:41

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-011119-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.8
88	18.0	0.0	40.0

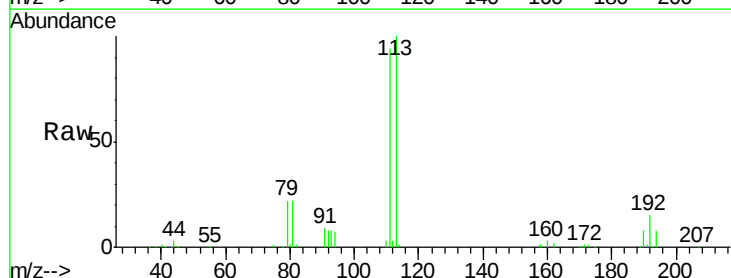


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

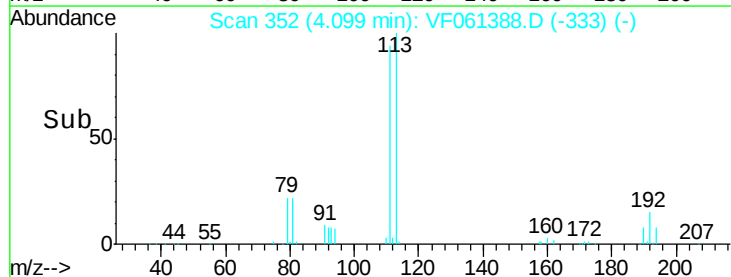
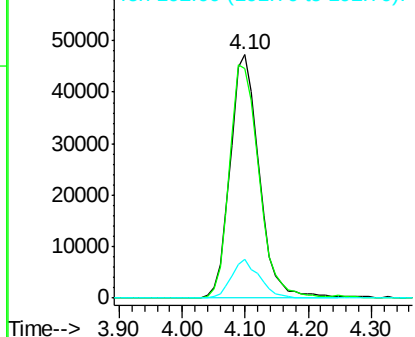


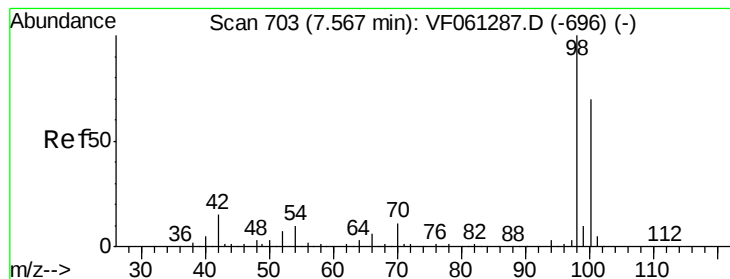
#35
 Dibromofluoromethane
 Concen: 54.013 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VF061388.D
 Acq: 14 Jan 2019 14:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	94.4	78.0	117.0
192	15.7	10.6	16.0



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: 46.240 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.03 min

Lab File: VF061388.D

Acq: 14 Jan 2019 14:41

Instrument :

MSVOA_F

ClientSampleId :

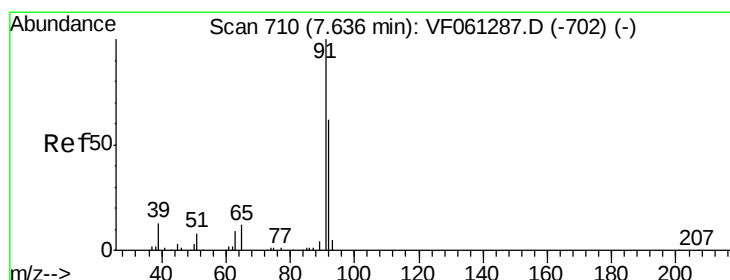
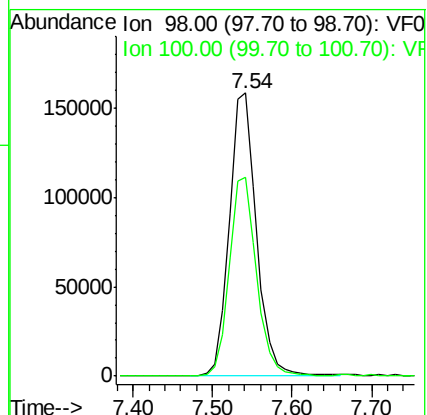
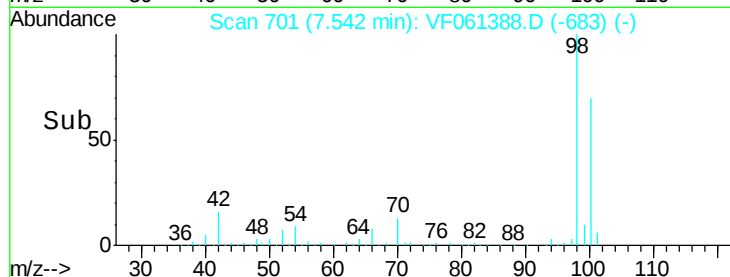
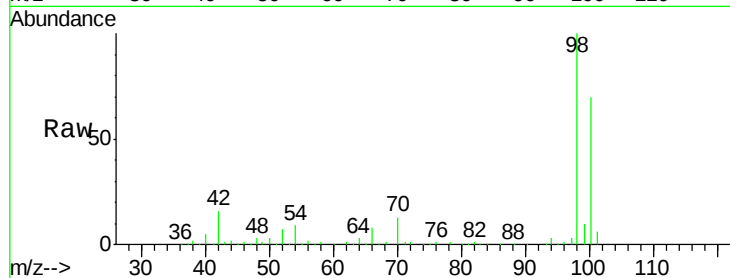
SU-02-011119-A

Tot Ion: 98 Resp: 380074

Ion Ratio Lower Upper

98 100

100 70.4 55.6 83.4



#52

Toluene

Concen: 5.778 ug/l

RT: 7.61 min Scan# 708

Delta R.T. -0.03 min

Lab File: VF061388.D

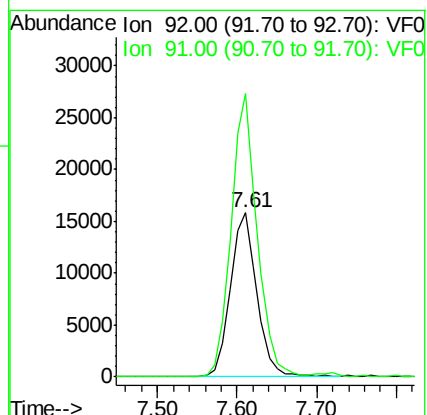
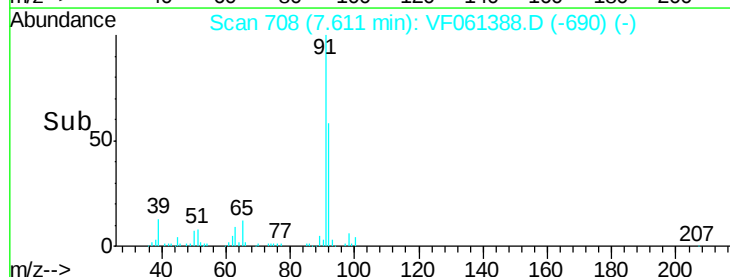
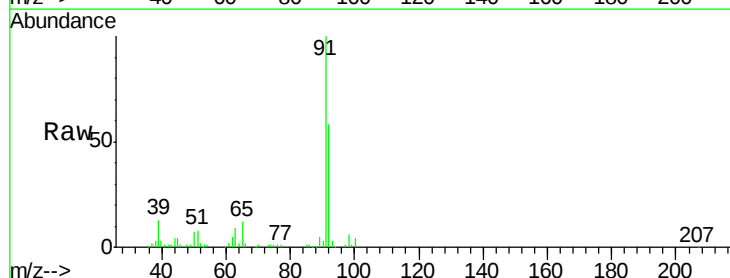
Acq: 14 Jan 2019 14:41

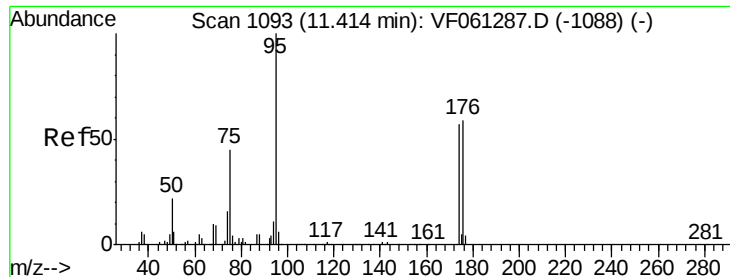
Tgt Ion: 92 Resp: 36757

Ion Ratio Lower Upper

92 100

91 172.5 129.2 193.8





#62

4-Bromofluorobenzene

Concen: 49.340 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061388.D

Acq: 14 Jan 2019 14:41

Instrument :

MSVOA_F

ClientSampleId :

SU-02-011119-A

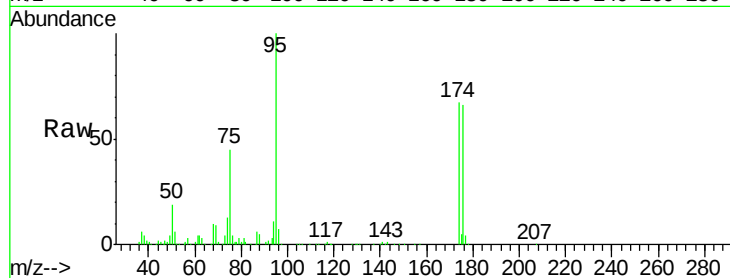
Tot Ion: 95 Resp: 177091

Ion Ratio Lower Upper

95 100

174 67.1 0.0 114.2

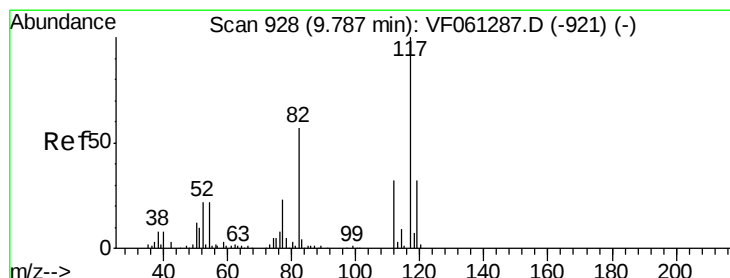
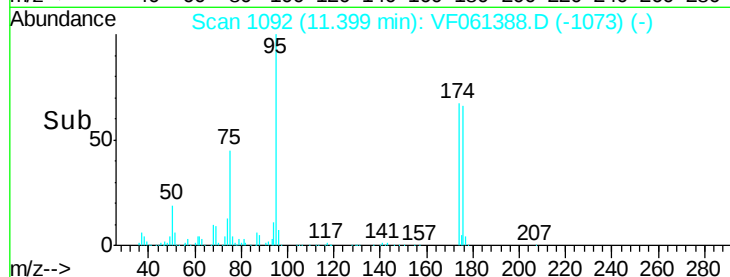
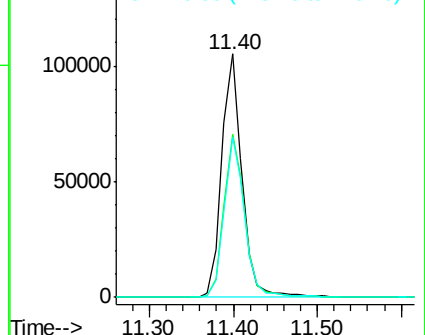
176 65.8 0.0 117.8



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: 9.76 min Scan# 926

Delta R.T. -0.03 min

Lab File: VF061388.D

Acq: 14 Jan 2019 14:41

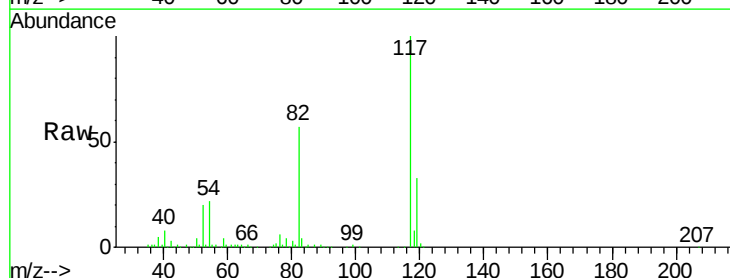
Tgt Ion: 117 Resp: 343148

Ion Ratio Lower Upper

117 100

82 57.4 45.3 67.9

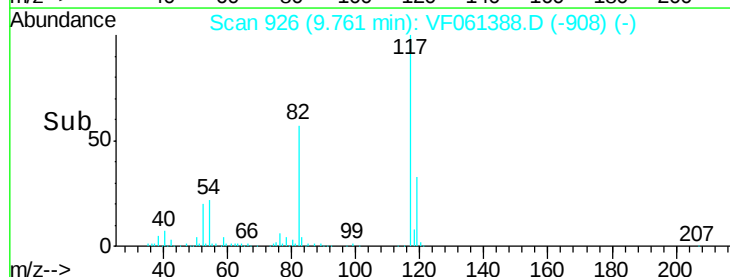
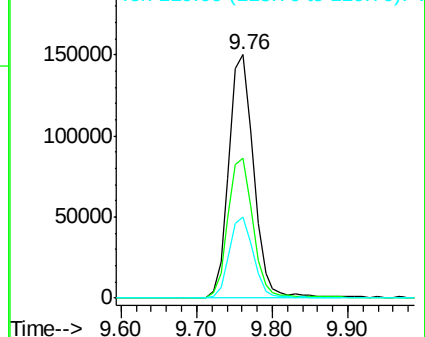
119 33.2 25.4 38.0

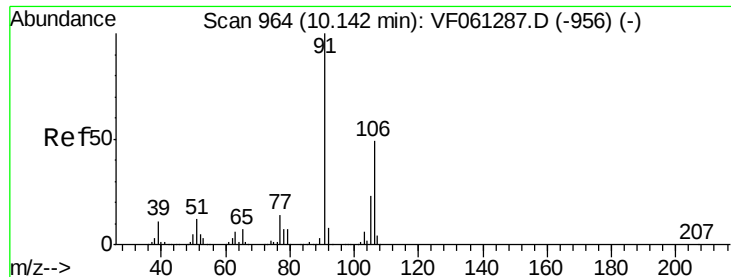


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#68

m/p-Xvlenes

Concen: 1.110 ug/l

RT: 10.12 min Scan# 962

Delta R.T. -0.03 min

Lab File: VF061388.D

Acq: 14 Jan 2019 14:41

Instrument :

MSVOA_F

ClientSampleId :

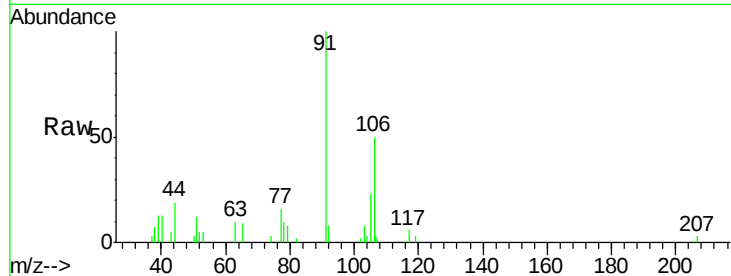
SU-02-011119-A

Tot Ion:106 Resp: 5173

Ion Ratio Lower Upper

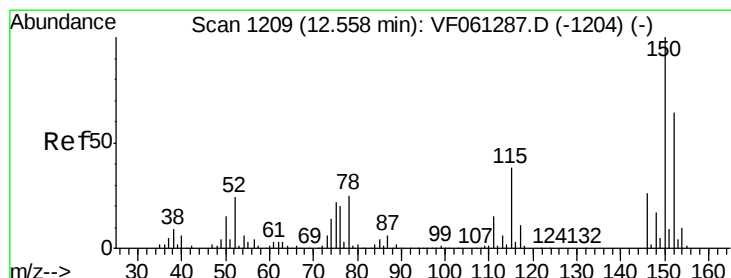
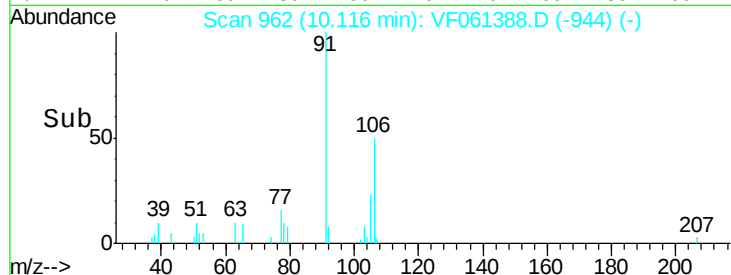
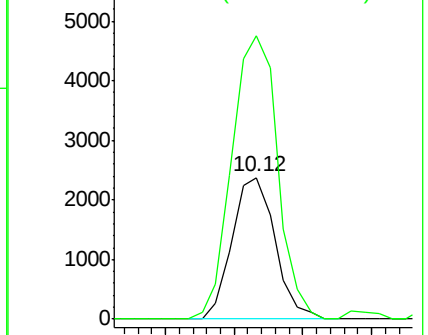
106 100

91 199.5 165.0 247.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.02 min

Lab File: VF061388.D

Acq: 14 Jan 2019 14:41

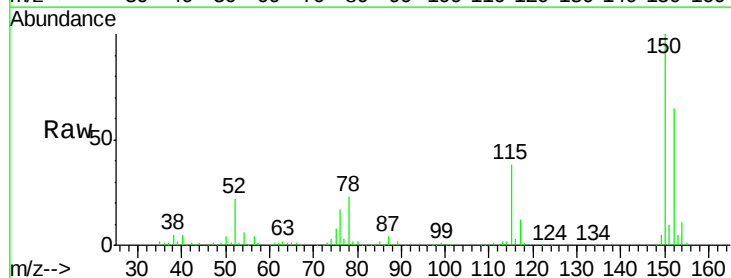
Tgt Ion:152 Resp: 161504

Ion Ratio Lower Upper

152 100

115 59.1 29.6 88.9

150 153.9 0.0 315.4



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

