

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059842.D
 Acq On : 3 Aug 2018 16:49
 Operator : VA/AP
 Sample : J4267-13RE
 Misc : 5.02g/5mL/MSVOA F/SOIL
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 UST-WRE

Quant Time: Aug 03 17:08:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	250917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	371789	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	328328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	165448	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	158571	35.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.32%	
35) Dibromofluoromethane	4.28	113	140711	36.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.88%	
50) Toluene-d8	7.71	98	288334	32.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.04%	
62) 4-Bromofluorobenzene	11.51	95	147282	29.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.08%	

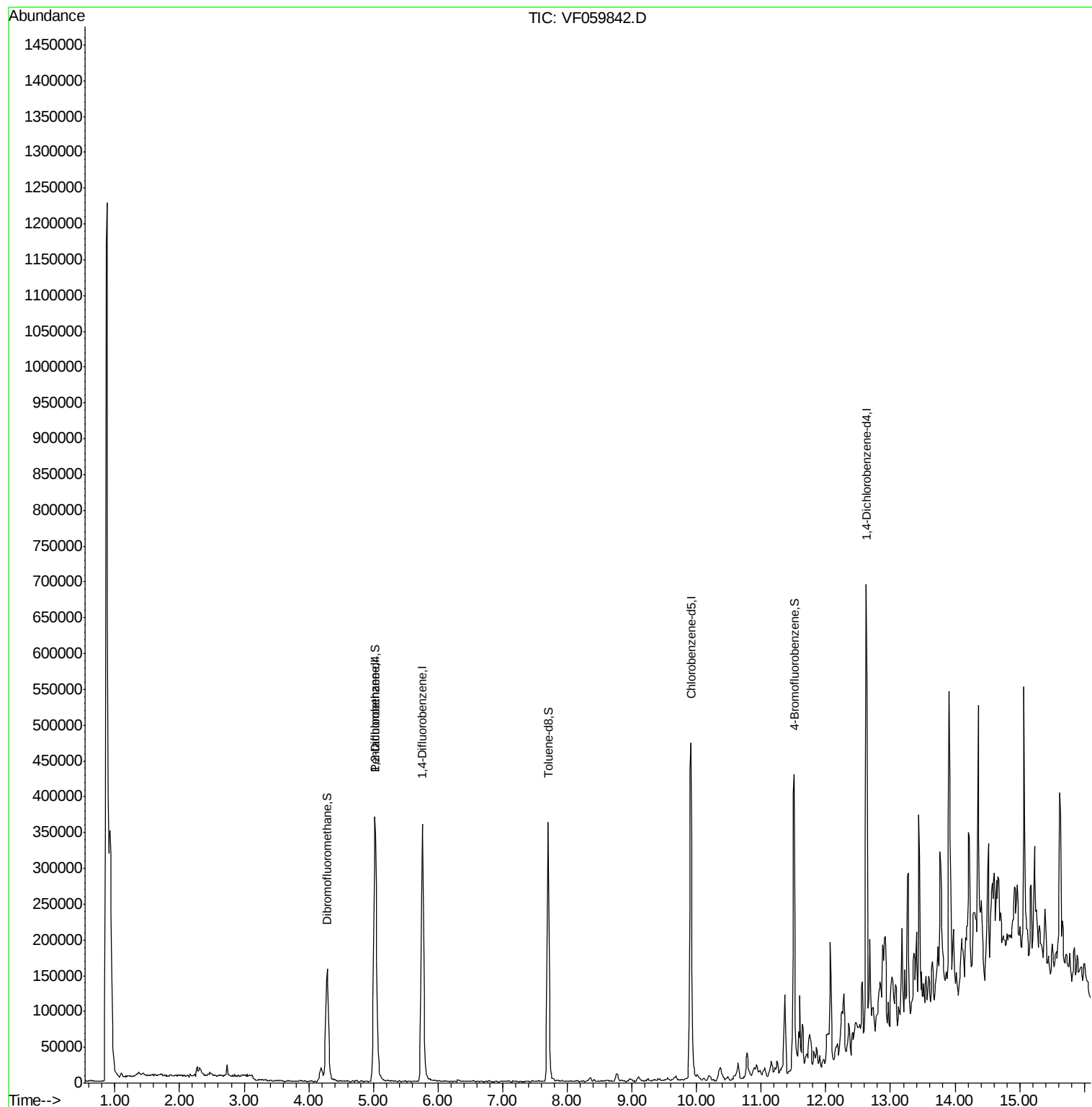
Target Compounds	Qvalue

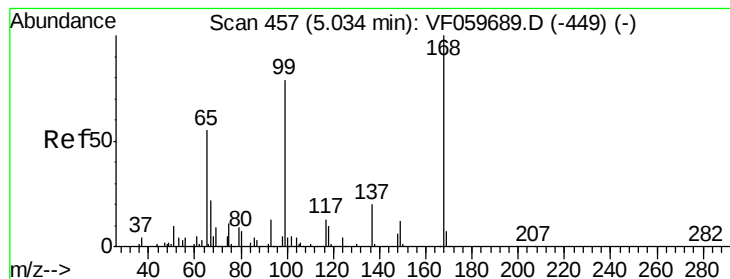
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059842.D

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Instrument :

MSVOA_F

ClientSampleId :

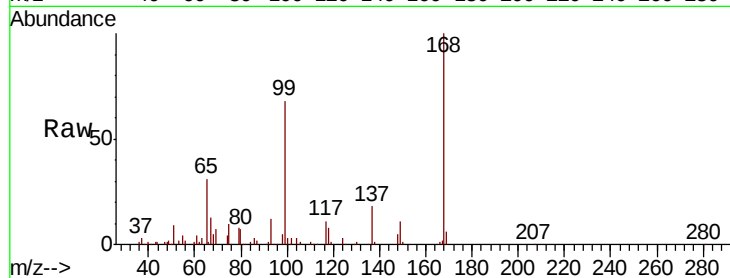
UST-WRE

Tot Ion:168 Resp: 250917

Ion Ratio Lower Upper

168 100

99 67.8 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

100000

80000

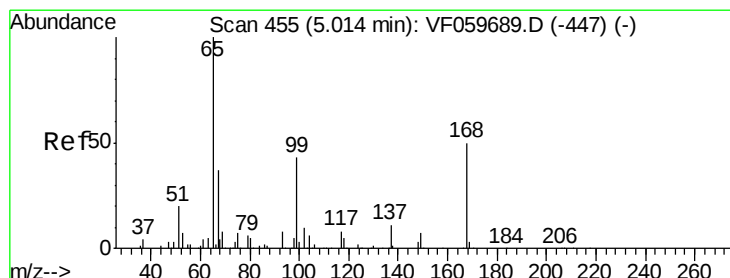
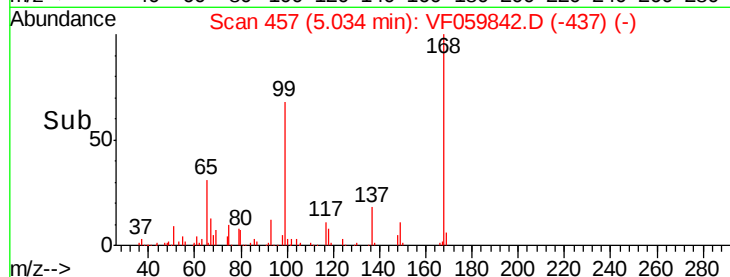
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 35.16 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059842.D

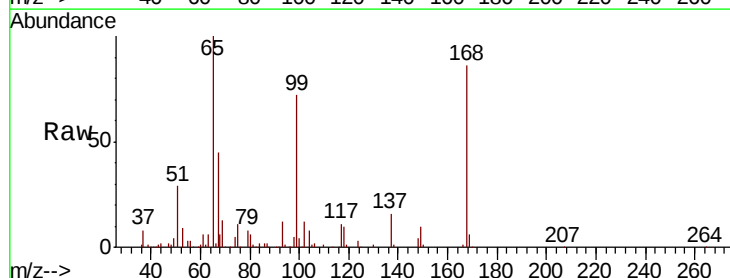
Acq: 3 Aug 2018 16:49

Tgt Ion: 65 Resp: 158571

Ion Ratio Lower Upper

65 100

67 44.8 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

60000

50000

40000

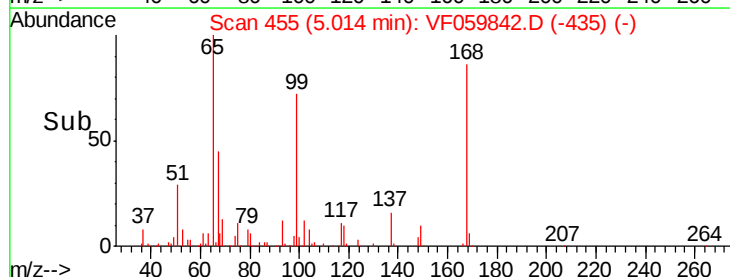
30000

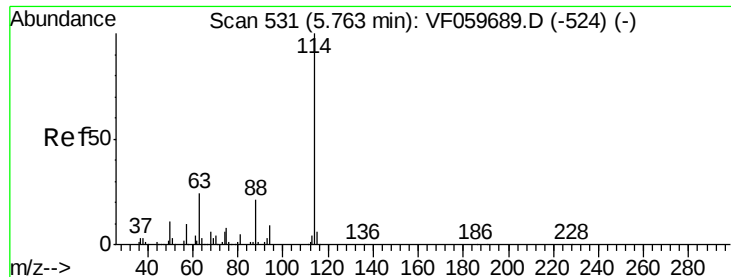
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059842.D

Acq: 3 Aug 2018 16:49

Instrument :

MSVOA_F

ClientSampleId :

UST-WRE

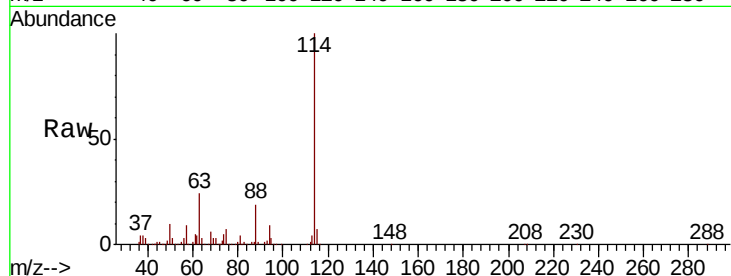
Tot Ion:114 Resp: 371789

Ion Ratio Lower Upper

114 100

63 24.1 0.0 47.4

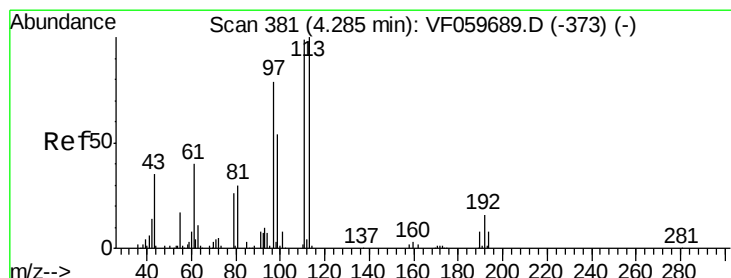
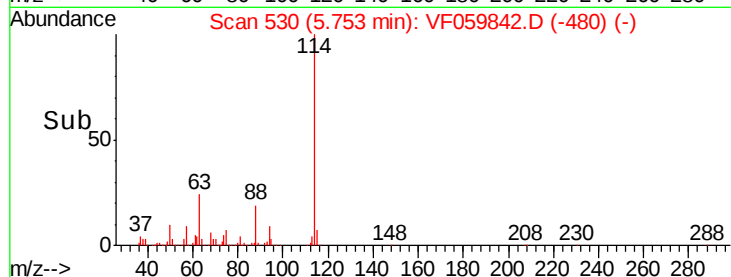
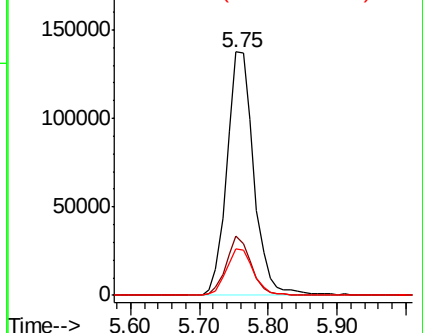
88 19.2 0.0 41.2



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



#35

Dibromofluoromethane

Concen: 36.44 ug/l

RT: 4.28 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF059842.D

Acq: 3 Aug 2018 16:49

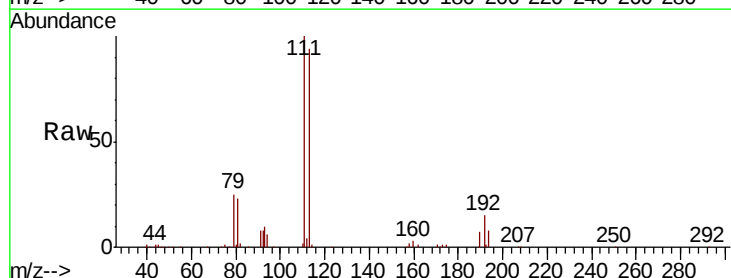
Tgt Ion:113 Resp: 140711

Ion Ratio Lower Upper

113 100

111 106.7 79.0 118.4

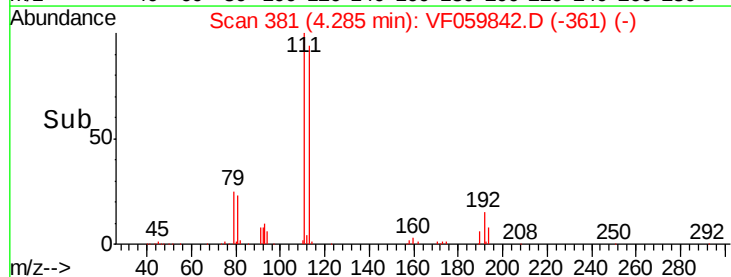
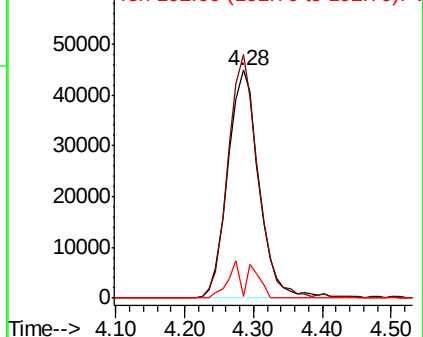
192 0.7 13.2 19.8#

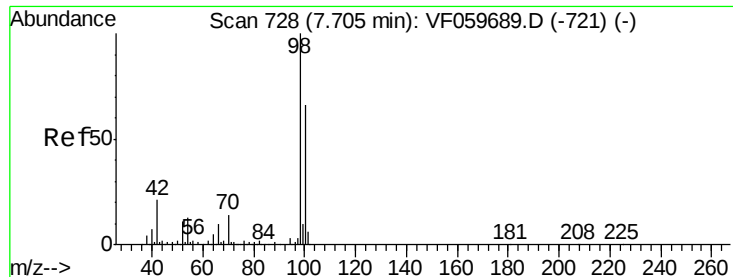


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

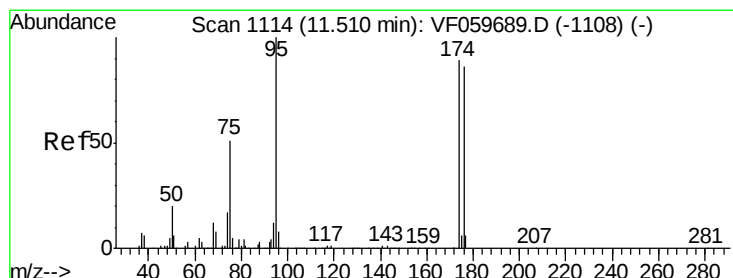
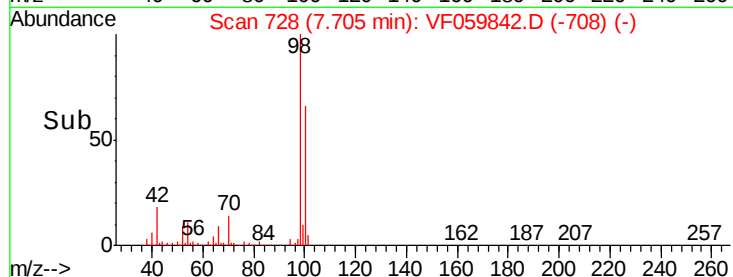
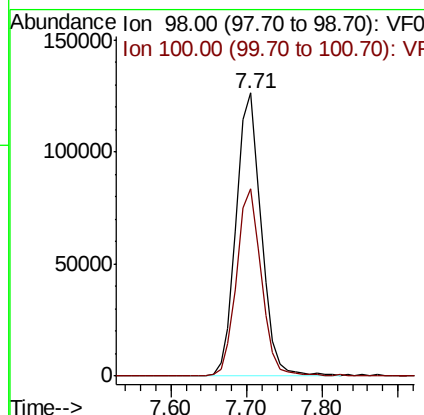
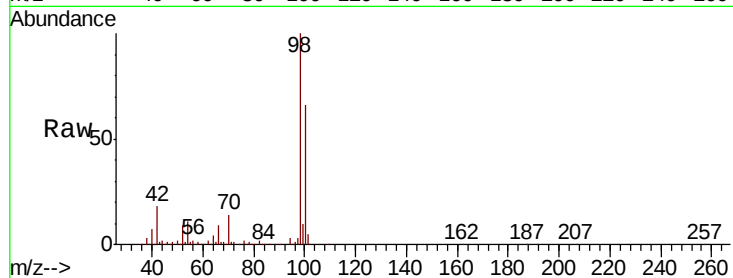




#50
Toluene-d8
Concen: 32.02 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059842.D
Acq: 3 Aug 2018 16:49

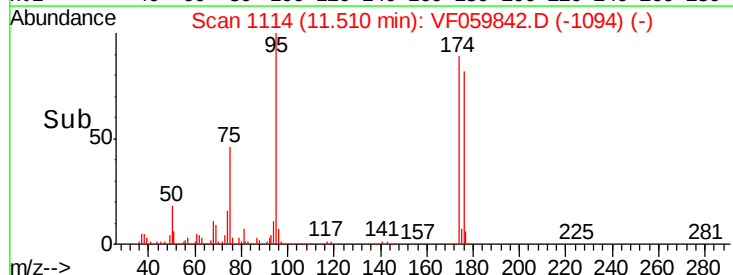
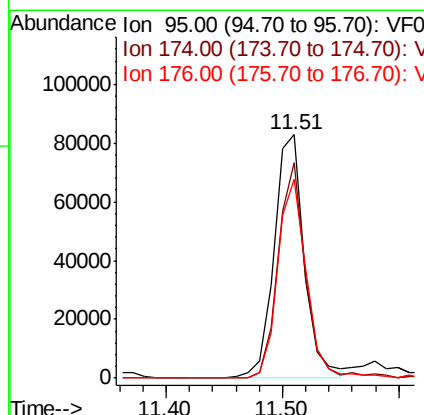
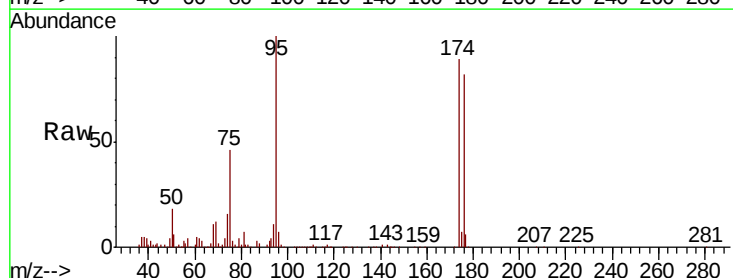
Instrument :
MSVOA_F
ClientSampleId :
UST-WRE

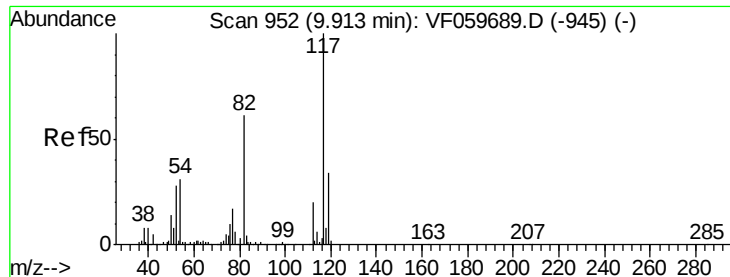
Tot Ion: 98 Resp: 288334
Ion Ratio Lower Upper
98 100
100 66.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 29.54 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059842.D
Acq: 3 Aug 2018 16:49

Tgt Ion: 95 Resp: 147282
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.4
176 81.7 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF059842.D

Acq: 3 Aug 2018 16:49

Instrument :

MSVOA_F

ClientSampleId :

UST-WRE

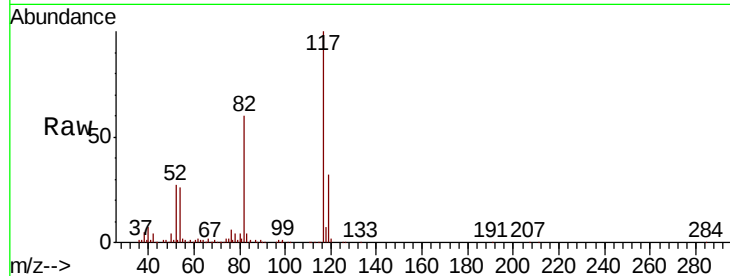
Tot Ion:117 Resp: 328328

Ion Ratio Lower Upper

117 100

82 59.7 49.0 73.4

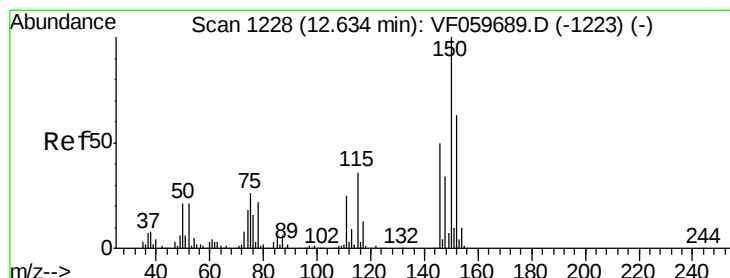
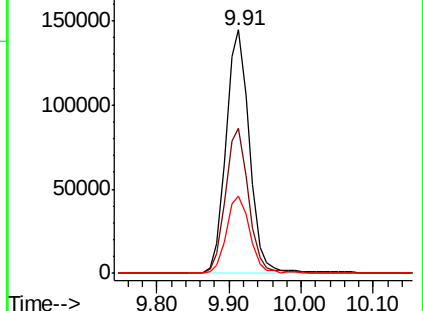
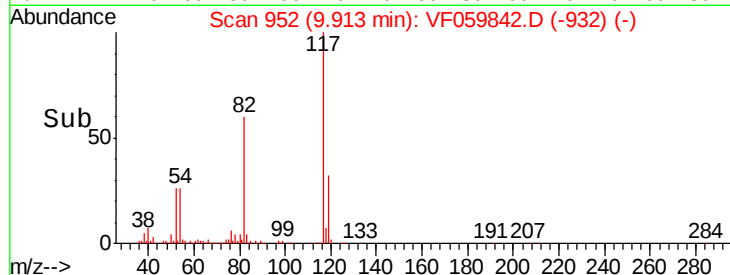
119 31.8 27.3 40.9



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059842.D

Acq: 3 Aug 2018 16:49

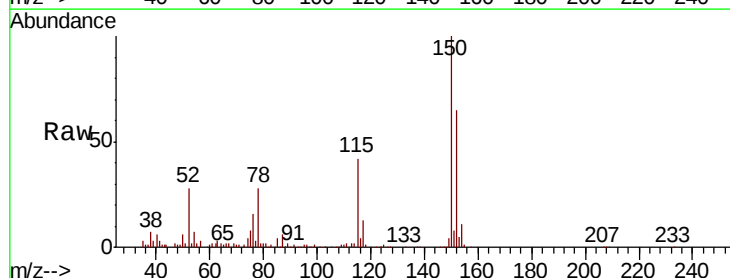
Tgt Ion:152 Resp: 165448

Ion Ratio Lower Upper

152 100

115 64.9 28.2 84.6

150 153.2 0.0 316.2



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

