

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
 Data File : VX004347.D
 Acq On : 04 Sep 2018 15:18
 Operator : JC/MD
 Sample : J4762-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE BLANK-SOILREF-5

Quant Time: Sep 05 07:13:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	265862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	425586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233231	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	190571	55.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.00%	
35) Dibromofluoromethane	5.50	113	167767	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
50) Toluene-d8	8.71	98	614074	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	11.14	95	218679	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	

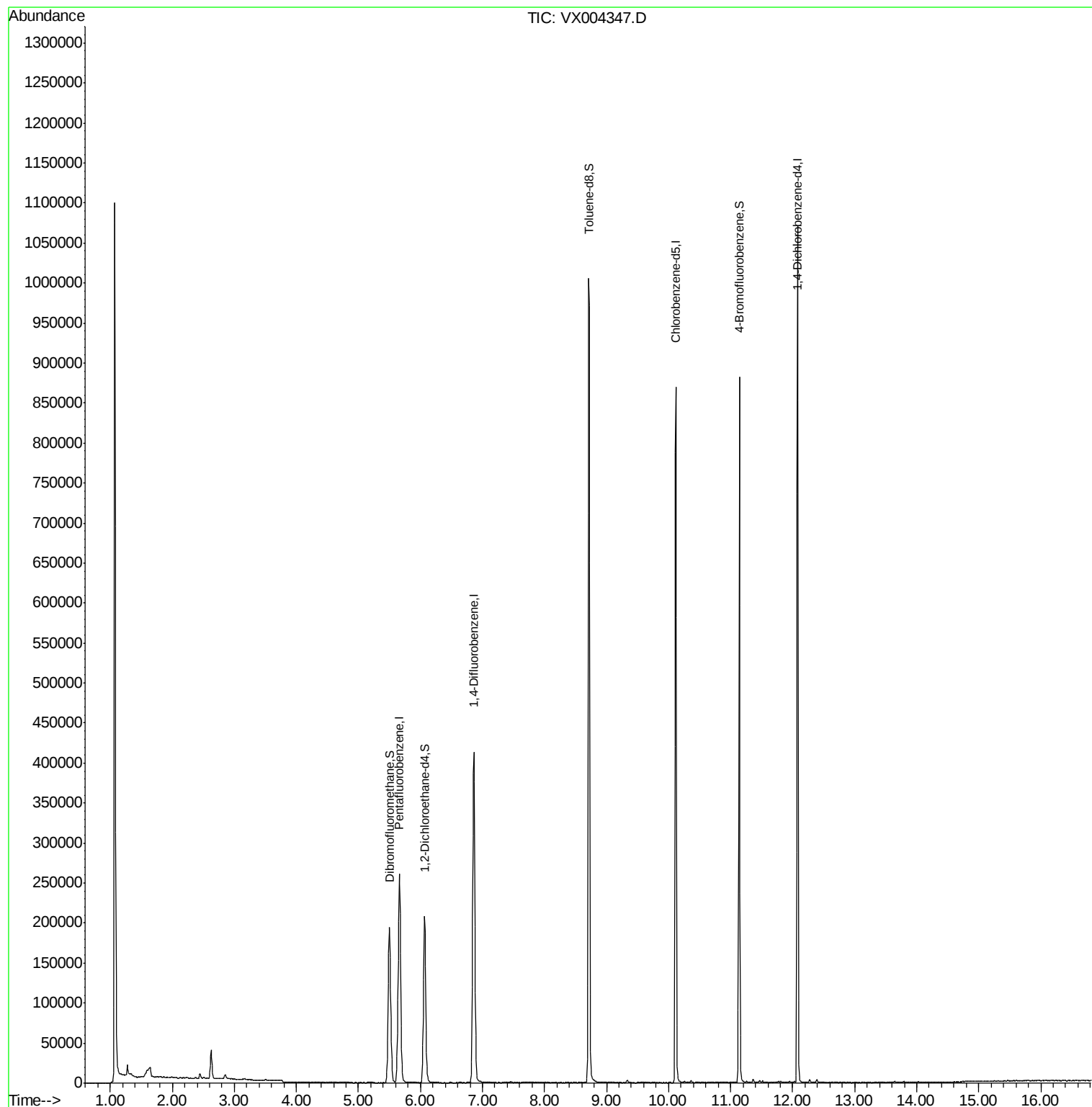
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004347.D

Acq: 04 Sep 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

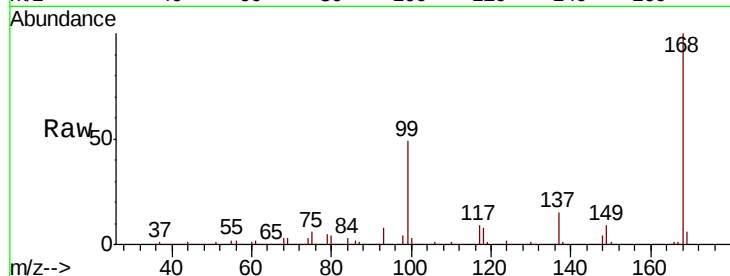
STORAGEBLANK-SOILREF-5

Tot Ion:168 Resp: 265862

Ion Ratio Lower Upper

168 100

99 49.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

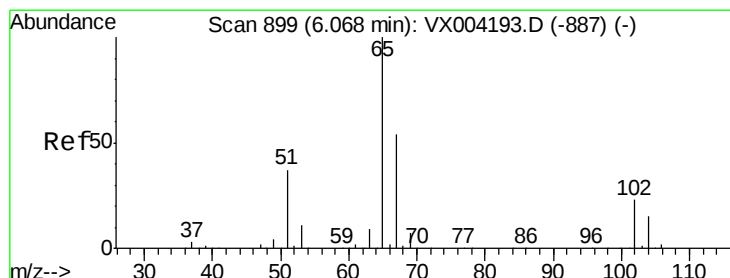
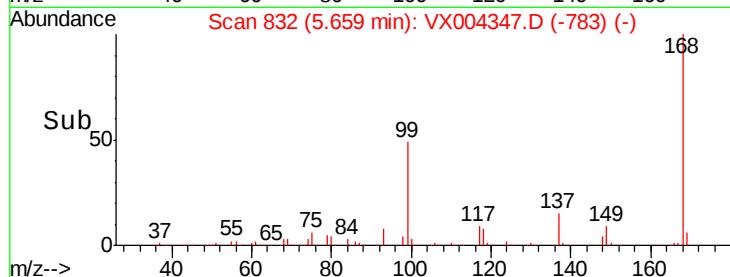
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 55.00 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004347.D

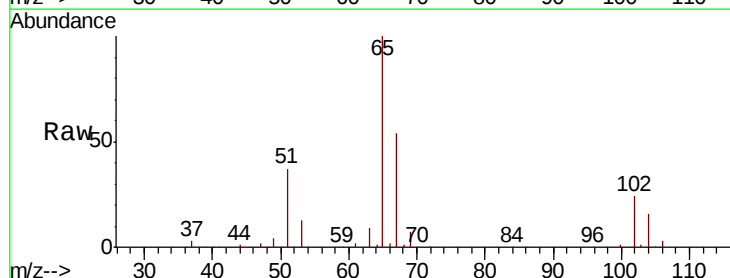
Acq: 04 Sep 2018 15:18

Tgt Ion: 65 Resp: 190571

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

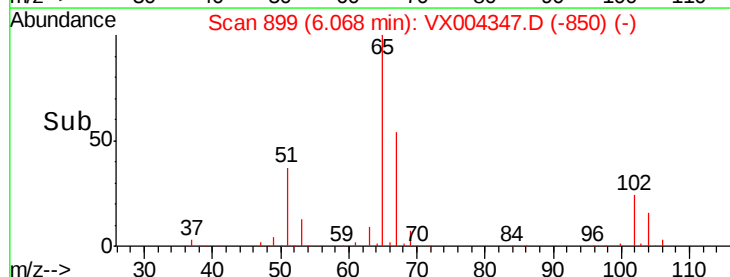
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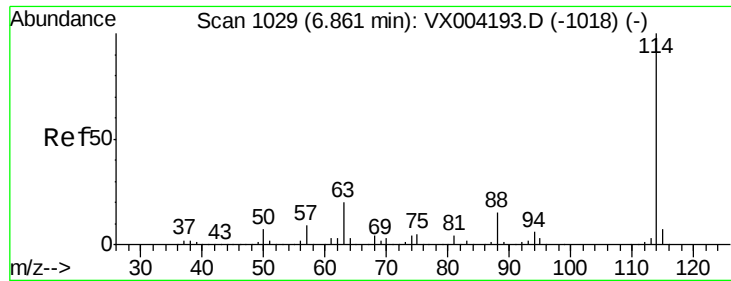
20000

0

Time-->

5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004347.D

Acq: 04 Sep 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SOILREF-5

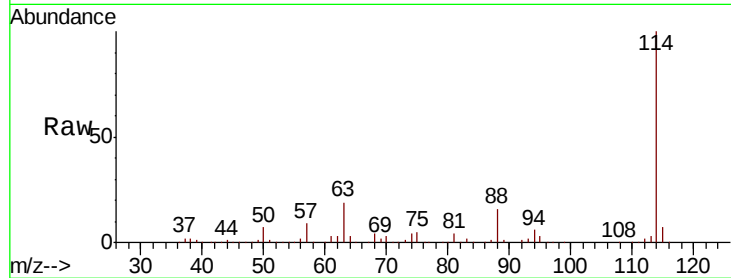
Tot Ion:114 Resp: 425586

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.0

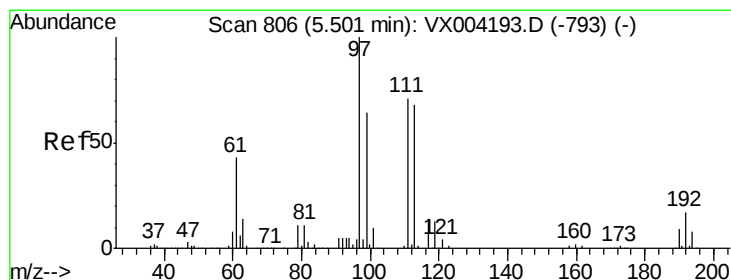
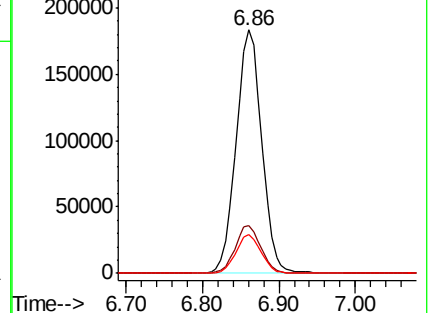
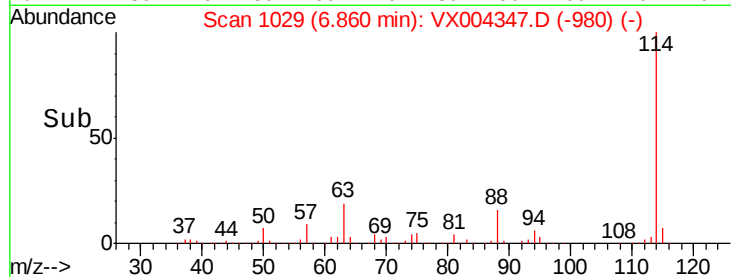
88 15.7 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 52.99 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004347.D

Acq: 04 Sep 2018 15:18

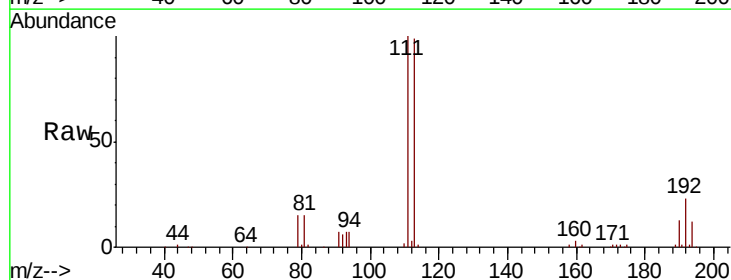
Tgt Ion:113 Resp: 167767

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

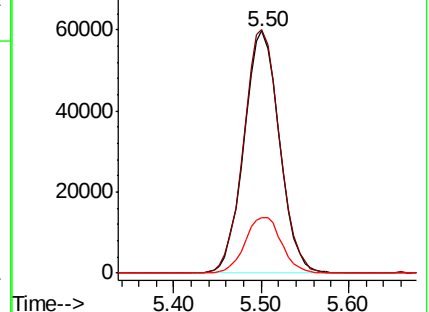
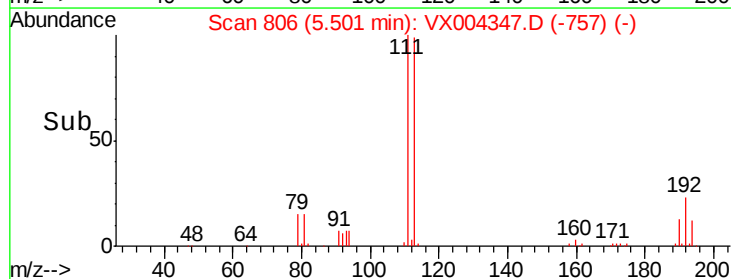
192 23.8 19.4 29.2

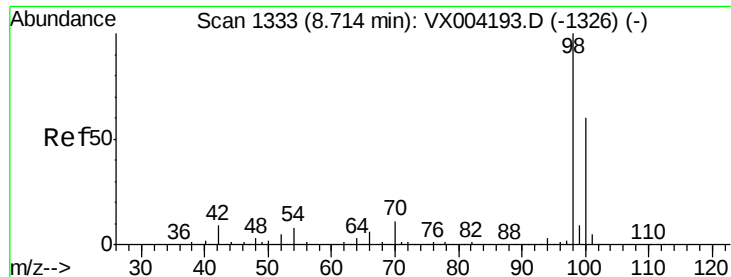


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

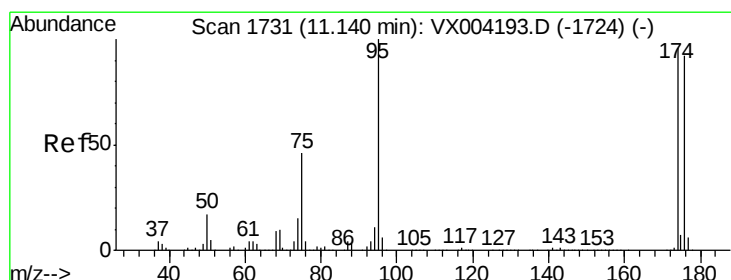
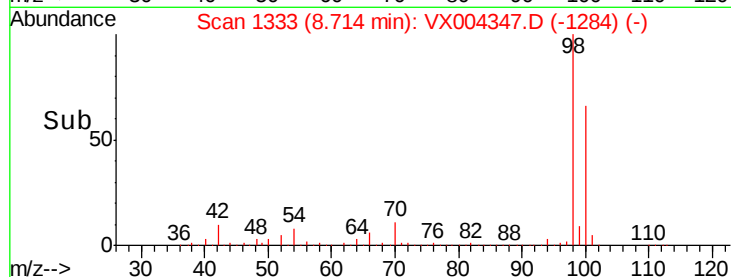
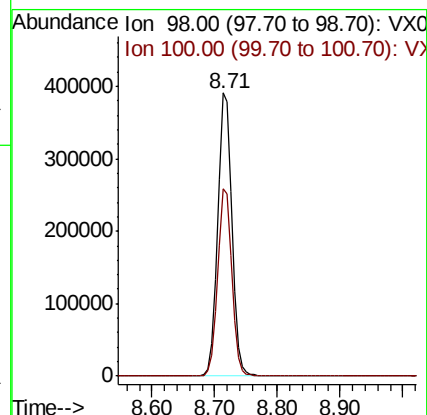
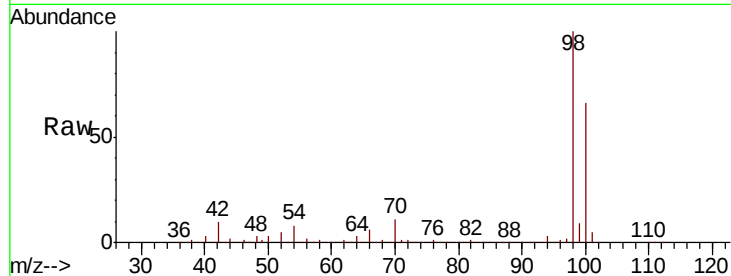




#50
Toluene-d8
Concen: 51.38 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004347.D
Acq: 04 Sep 2018 15:18

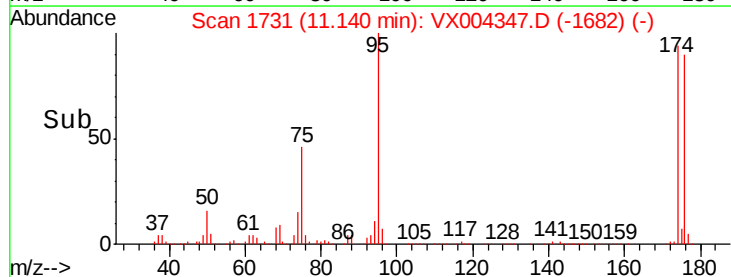
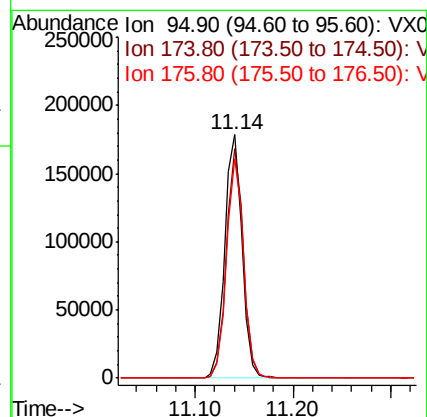
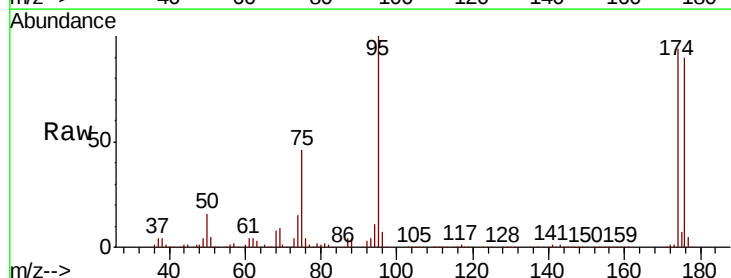
Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SOILREF-5

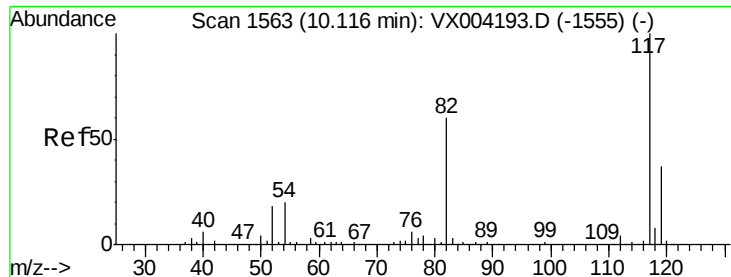
Tot Ion: 98 Resp: 614074
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 49.04 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004347.D
Acq: 04 Sep 2018 15:18

Tgt Ion: 95 Resp: 218679
Ion Ratio Lower Upper
95 100
174 92.7 0.0 185.2
176 89.1 0.0 178.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004347.D

Acq: 04 Sep 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SOILREF-5

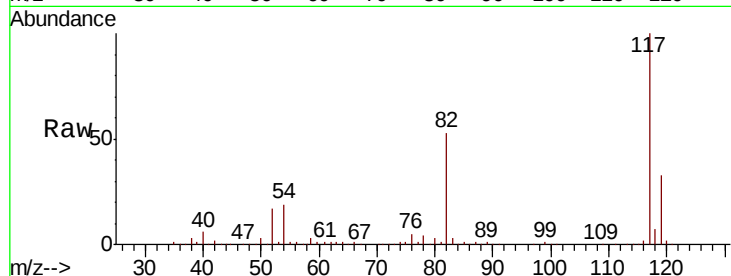
Tot Ion:117 Resp: 406584

Ion Ratio Lower Upper

117 100

82 53.4 47.8 71.6

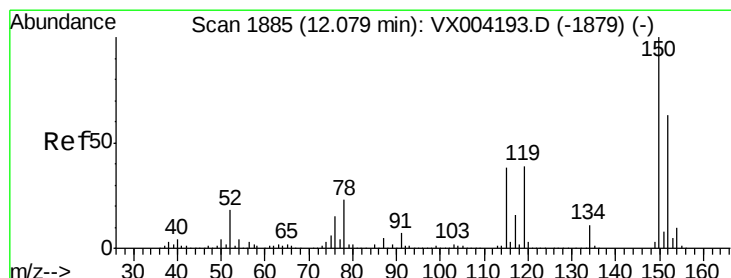
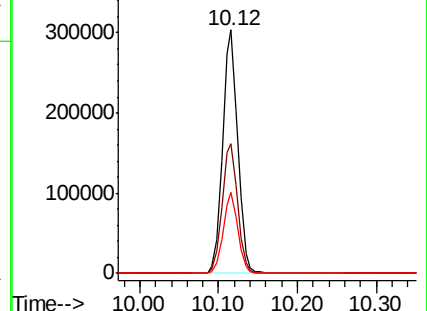
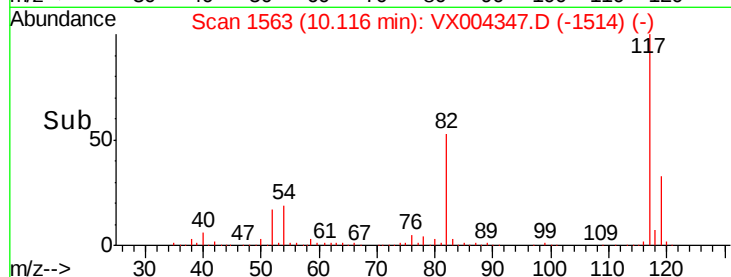
119 33.3 29.3 43.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004347.D

Acq: 04 Sep 2018 15:18

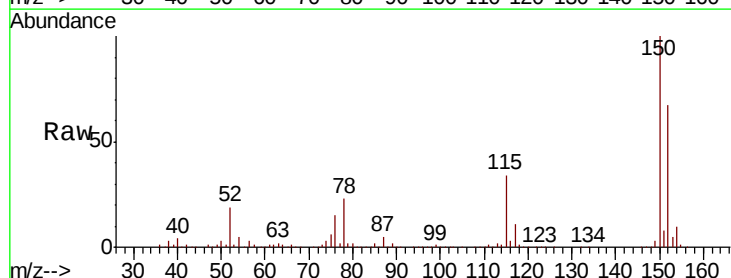
Tgt Ion:152 Resp: 233231

Ion Ratio Lower Upper

152 100

115 51.6 39.0 117.0

150 152.9 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

