

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032118\
 Data File : VX000390.D
 Acq On : 21 Mar 2018 17:19
 Operator : JC/MD
 Sample : J1962-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE BLANK-WATERREF-5

Quant Time: Mar 22 07:23:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	99129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	175393	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	166225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	80017	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	72092	55.71	ug/l	0.00
Spiked Amount			Recovery	=	111.42%	
35) Dibromofluoromethane	5.51	113	55090	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
50) Toluene-d8	8.73	98	216886	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	
62) 4-Bromofluorobenzene	11.15	95	73386	39.43	ug/l	0.00
Spiked Amount			Recovery	=	78.86%	

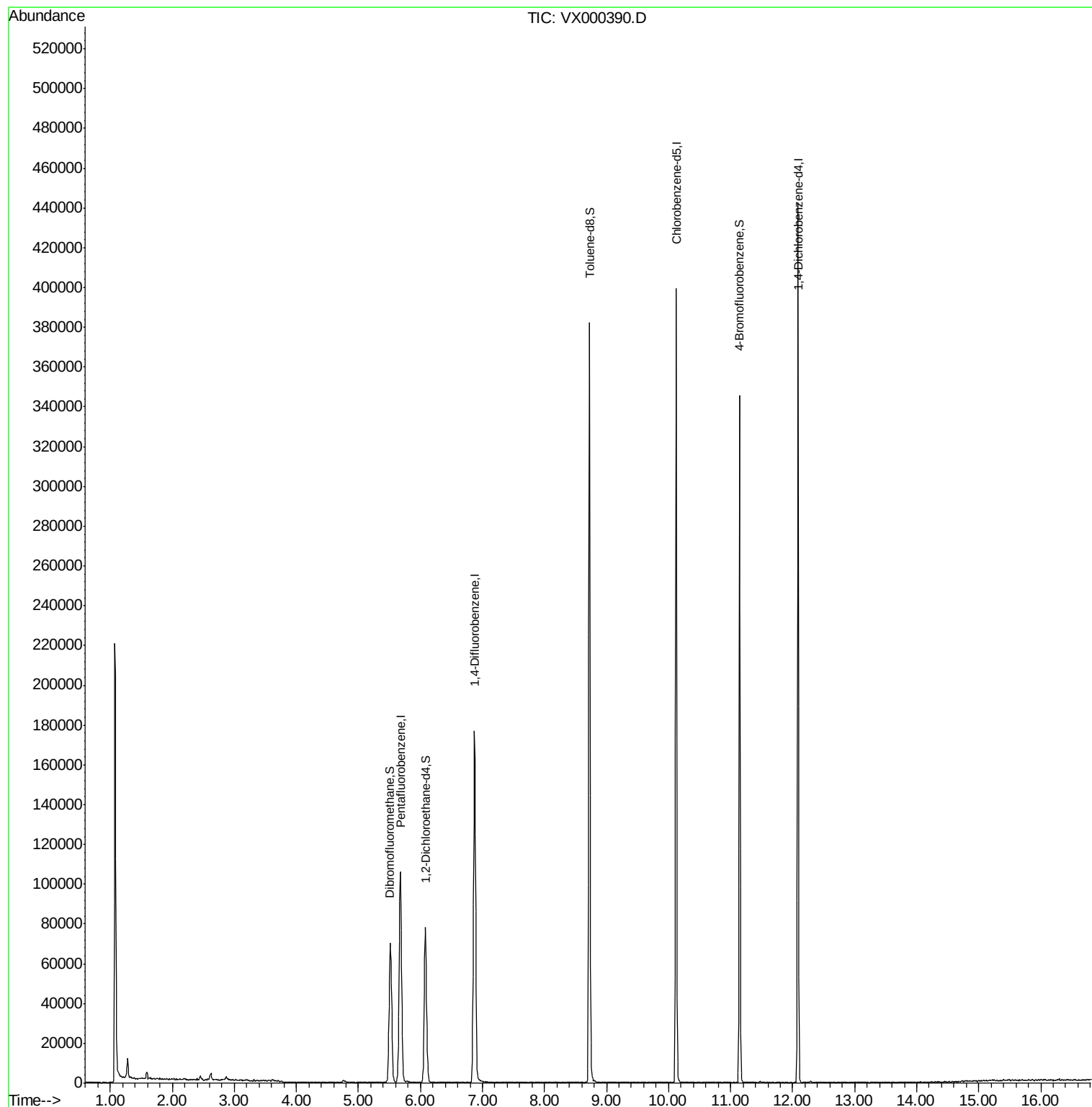
Target Compounds	Qvalue
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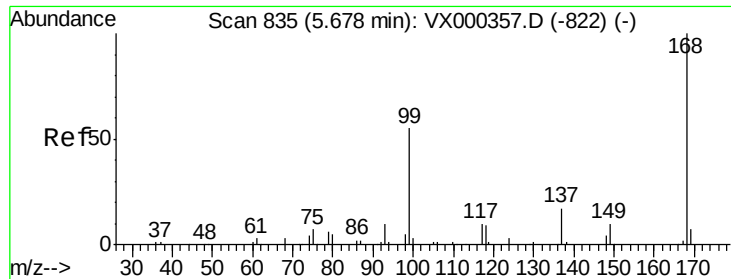
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000390.D

Acq: 21 Mar 2018 17:19

Instrument :

MSVOA_X

ClientSampleId :

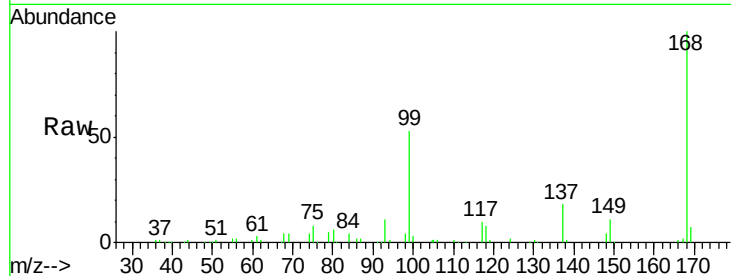
STORAGEBLANK-WATERREF-5

Tot Ion:168 Resp: 99129

Ion Ratio Lower Upper

168 100

99 52.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

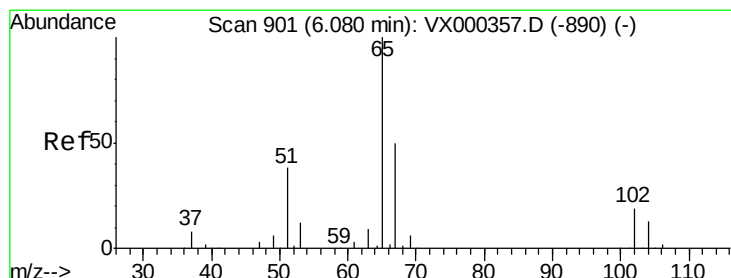
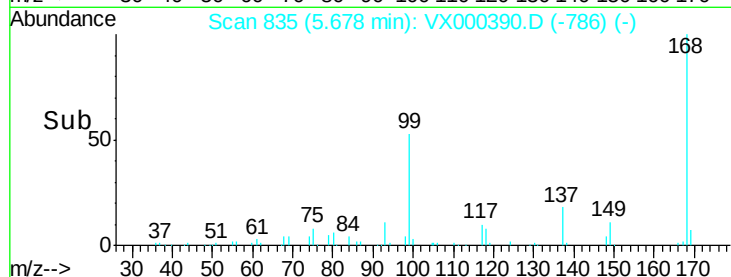
20000

10000

0

5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.71 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000390.D

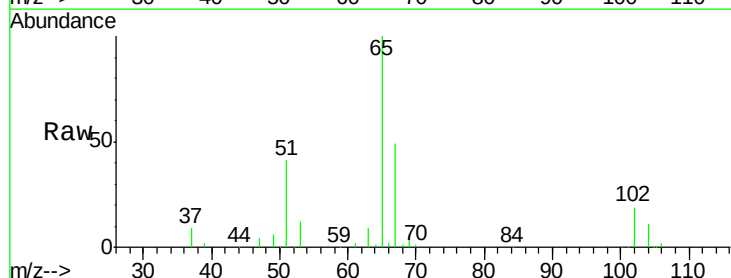
Acq: 21 Mar 2018 17:19

Tgt Ion: 65 Resp: 72092

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

30000

25000

20000

15000

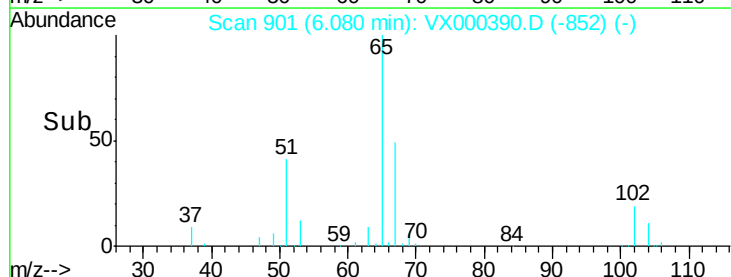
10000

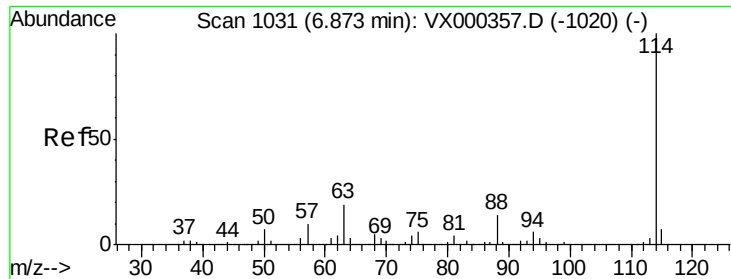
5000

0

6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000390.D

Acq: 21 Mar 2018 17:19

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-WATERREF-5

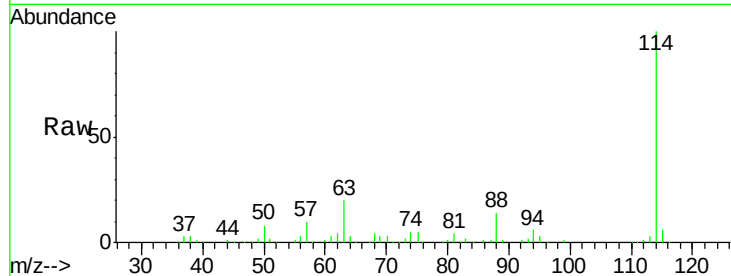
Tot Ion:114 Resp: 175393

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.4

88 14.2 0.0 27.0



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

100000

80000

60000

40000

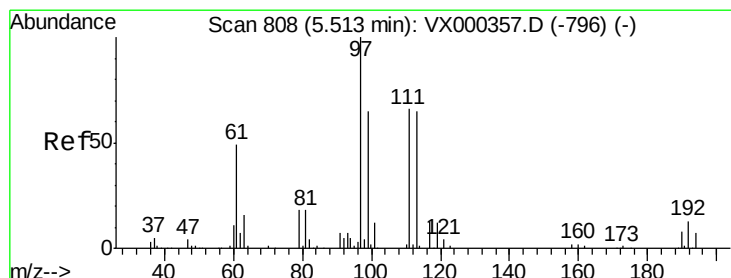
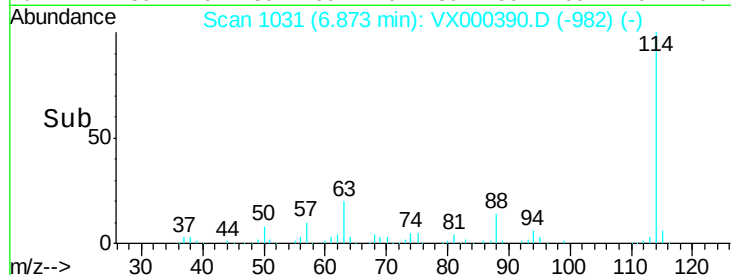
20000

0

6.87

6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 49.85 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000390.D

Acq: 21 Mar 2018 17:19

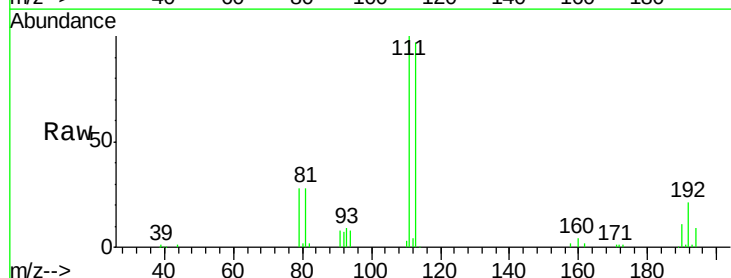
Tgt Ion:113 Resp: 55090

Ion Ratio Lower Upper

113 100

111 104.3 82.4 123.6

192 20.6 15.8 23.6



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

25000

20000

15000

10000

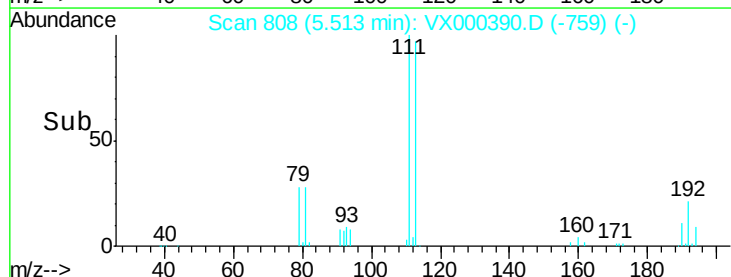
5000

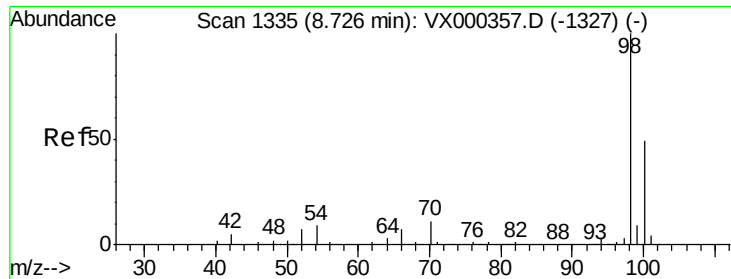
0

5.51

5.40 5.50 5.60

Time-->

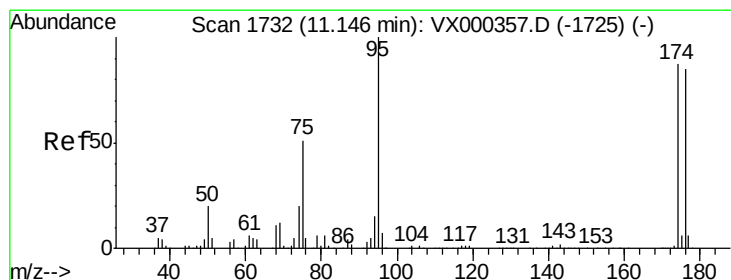
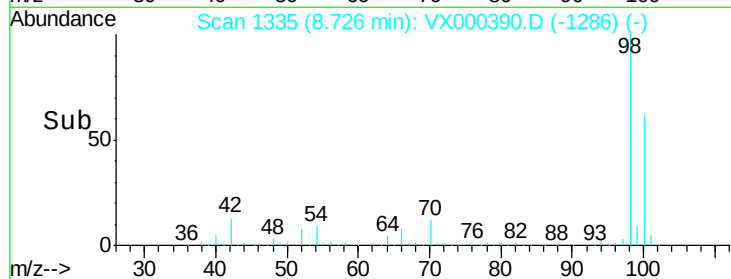
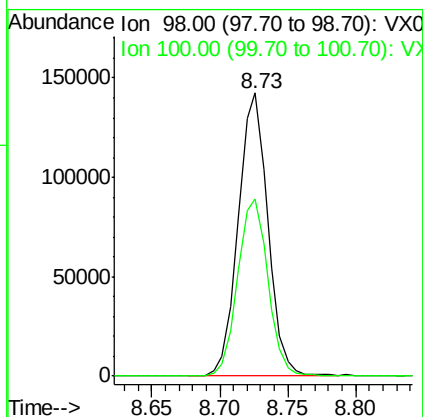
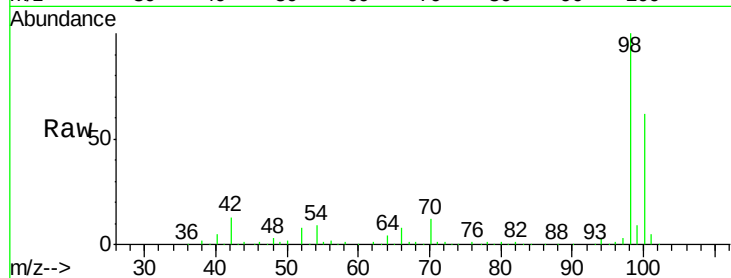




#50
Toluene-d8
Concen: 47.39 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000390.D
Acq: 21 Mar 2018 17:19

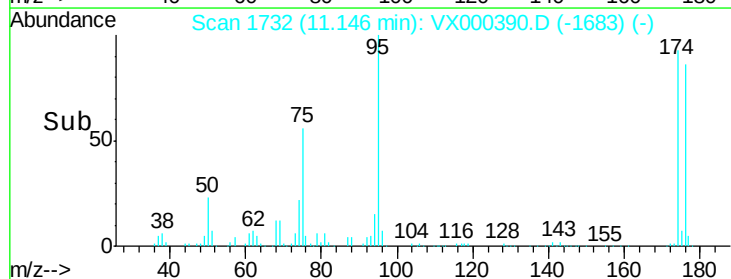
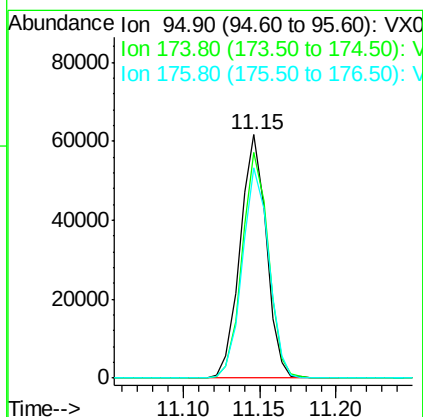
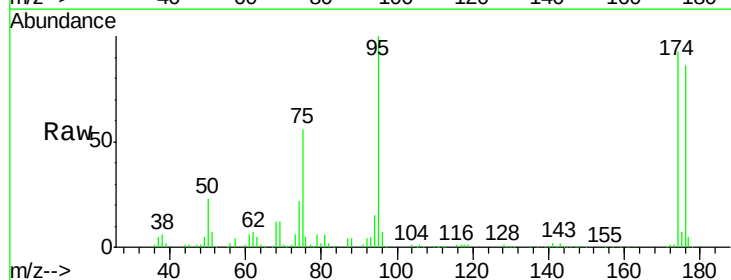
Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-WATERREF-5

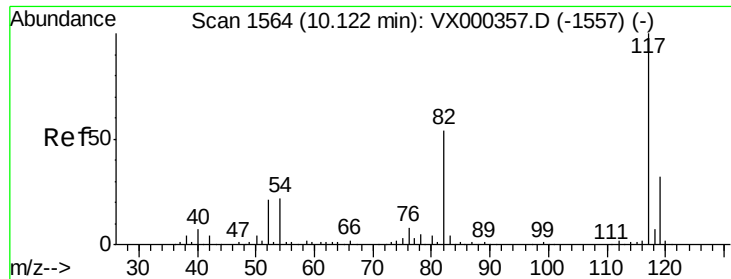
Tot Ion: 98 Resp: 216886
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 39.43 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000390.D
Acq: 21 Mar 2018 17:19

Tgt Ion: 95 Resp: 73386
Ion Ratio Lower Upper
95 100
174 92.6 0.0 173.6
176 87.9 0.0 164.6

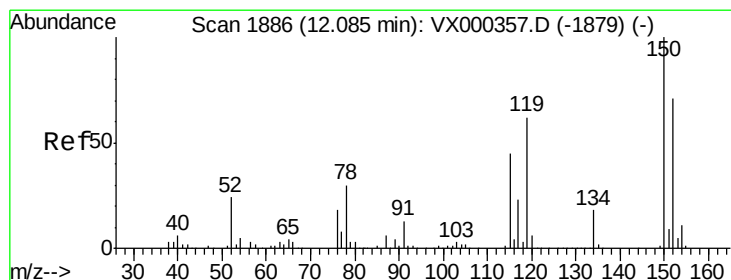
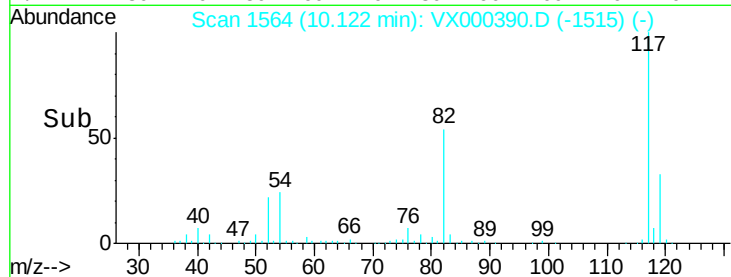
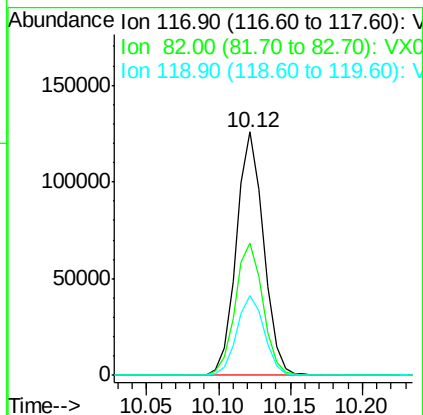
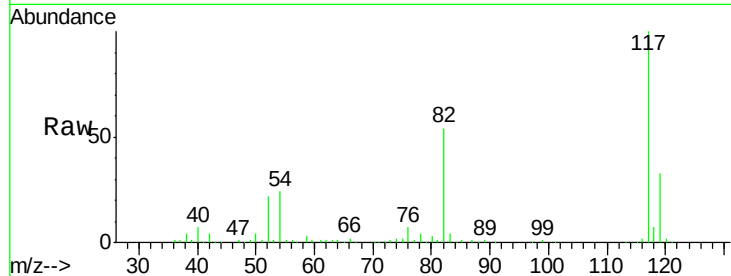




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000390.D
Acq: 21 Mar 2018 17:19

Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-WATERREF-5

Tot Ion:117 Resp: 166225
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 32.8 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000390.D
Acq: 21 Mar 2018 17:19

Tgt Ion:152 Resp: 80017
Ion Ratio Lower Upper
152 100
115 57.0 39.8 119.3
150 161.3 0.0 344.4

