

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
 Data File : VX004132.D
 Acq On : 17 Aug 2018 15:16
 Operator : JC/MD
 Sample : J4522-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Aug 20 09:59:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

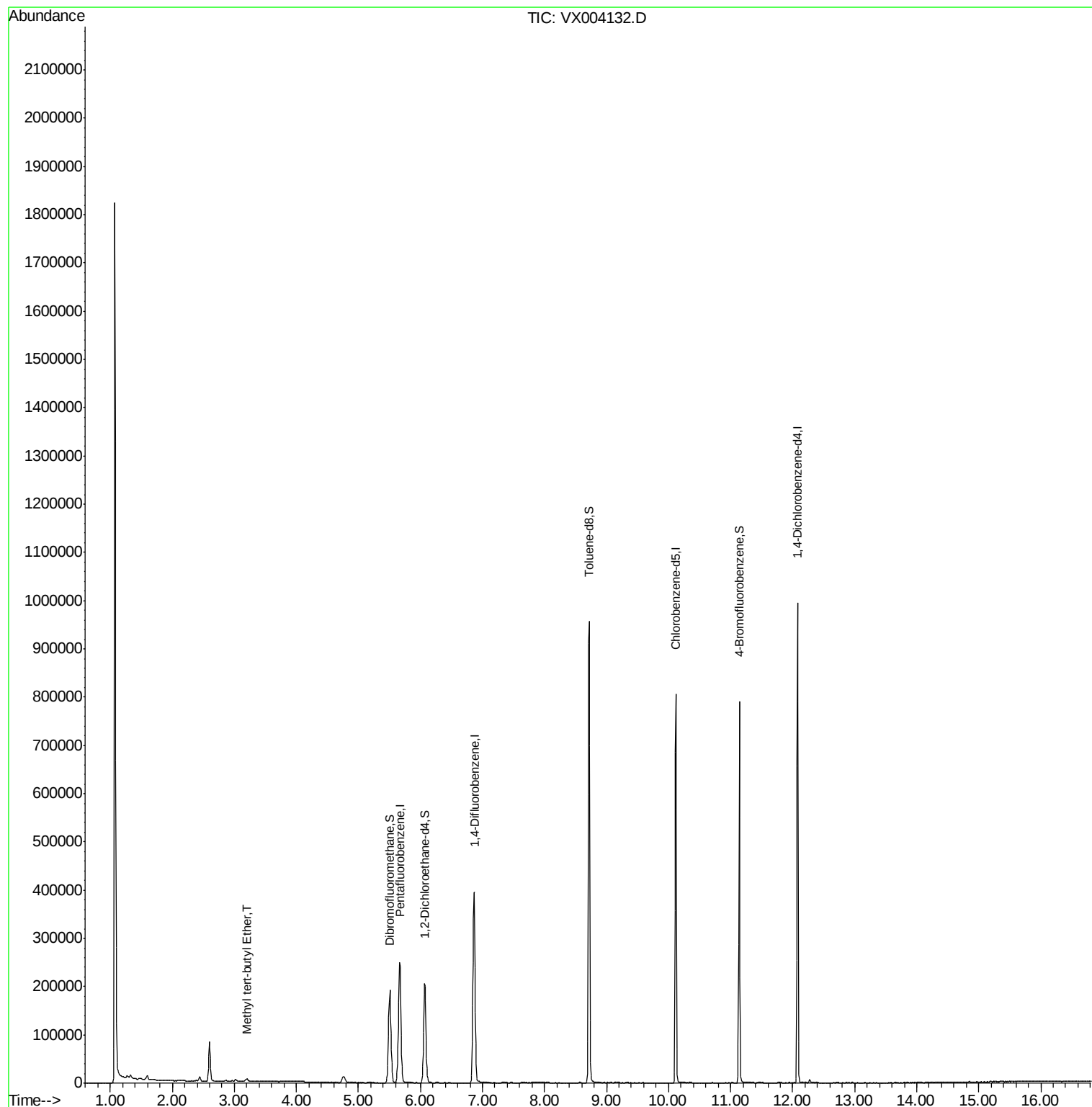
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	406897	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203341	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	191837	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
35) Dibromofluoromethane	5.51	113	163922	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.66%	
50) Toluene-d8	8.72	98	571459	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
62) 4-Bromofluorobenzene	11.14	95	188290	42.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.10%	
Target Compounds						
19) Methyl tert-butyl Ether	3.20	73	5729	0.60	ug/l	Qvalue 91

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004132.D

Acq: 17 Aug 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

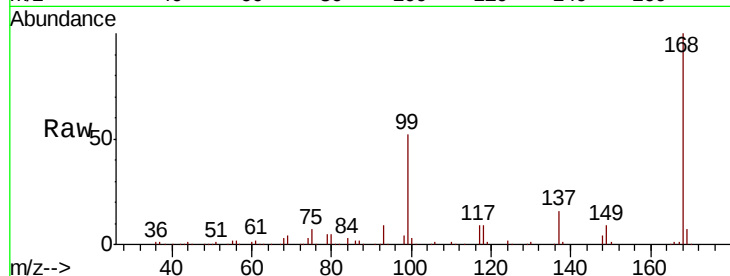
MW-5

Tot Ion:168 Resp: 256437

Ion Ratio Lower Upper

168 100

99 51.8 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

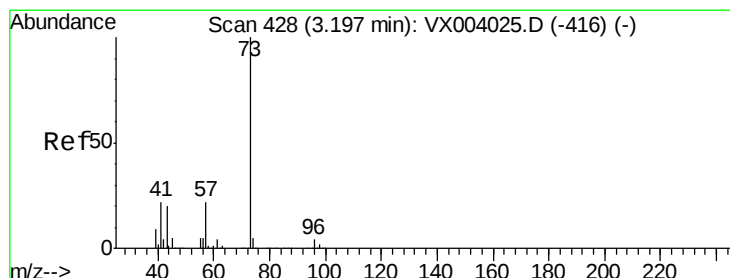
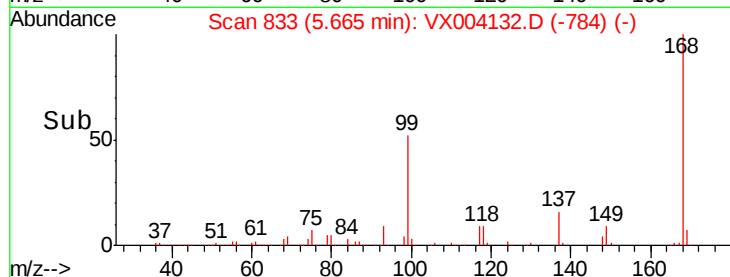
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#19

Methyl tert-butyl Ether

Concen: 0.60 ug/l

RT: 3.20 min Scan# 429

Delta R.T. 0.01 min

Lab File: VX004132.D

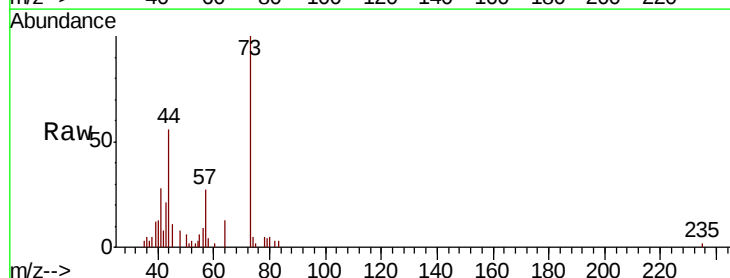
Acq: 17 Aug 2018 15:16

Tgt Ion: 73 Resp: 5729

Ion Ratio Lower Upper

73 100

57 26.9 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

2500

2000

1500

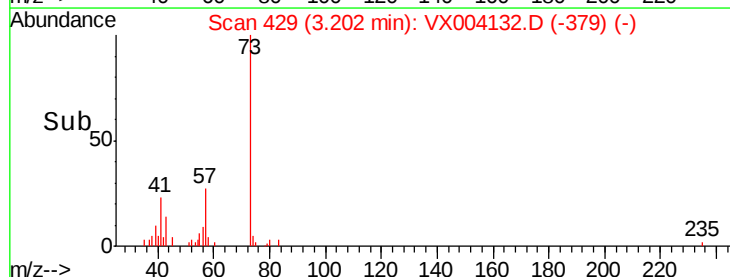
1000

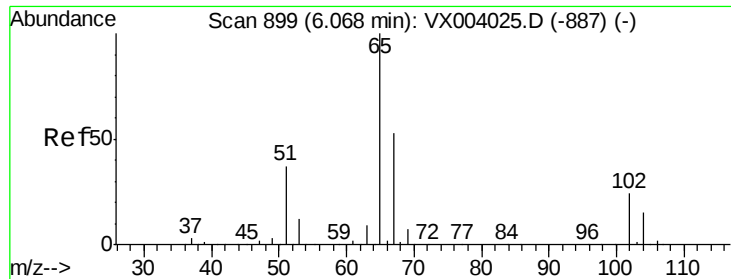
500

0

Time-->

3.10 3.15 3.20 3.25 3.30

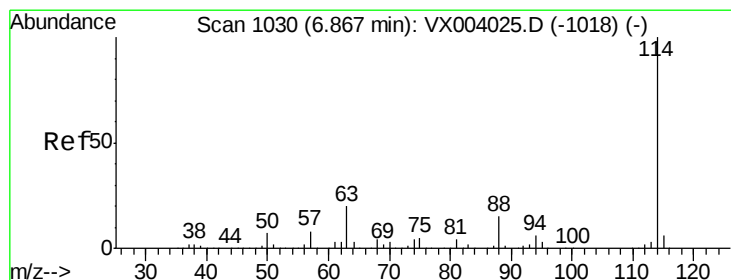
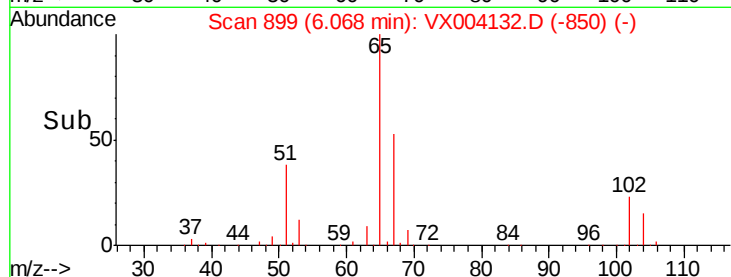
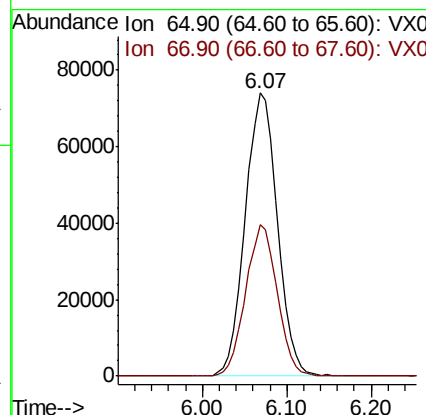
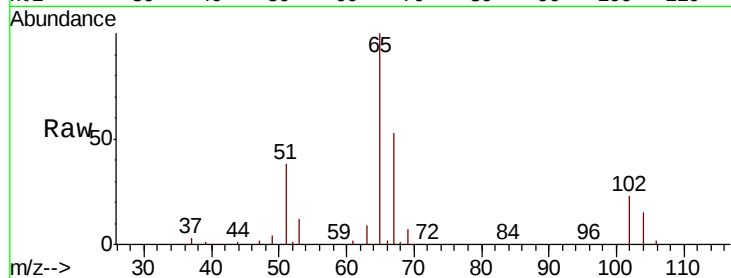




#33
 1,2-Dichloroethane-d4
 Concen: 53.10 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004132.D
 Acq: 17 Aug 2018 15:16

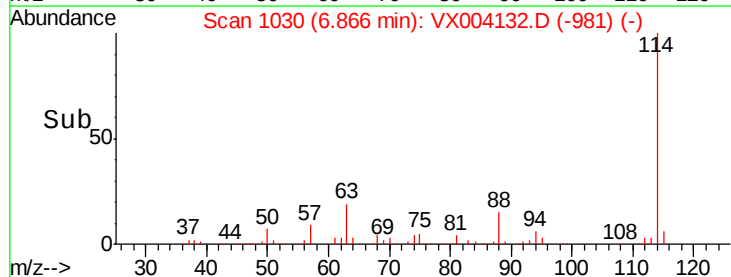
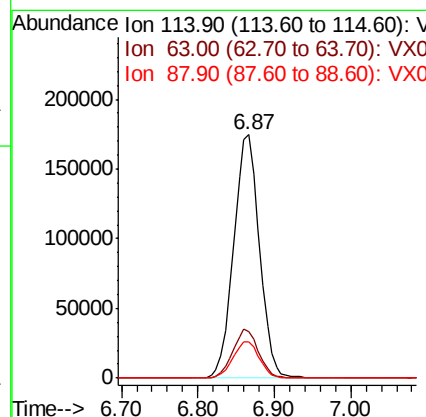
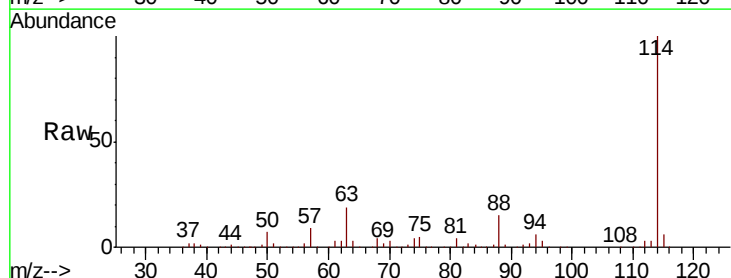
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

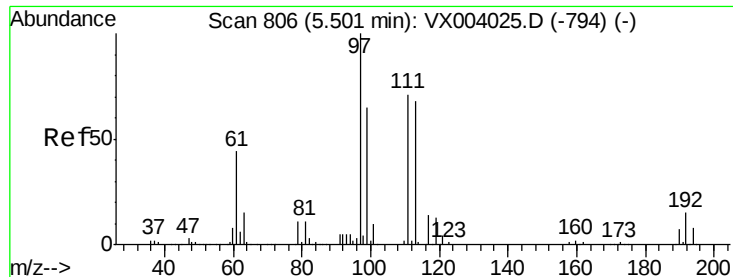
Tot Ion: 65 Resp: 191837
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004132.D
 Acq: 17 Aug 2018 15:16

Tgt Ion: 114 Resp: 406897
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 53.83 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004132.D

Acq: 17 Aug 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

MW-5

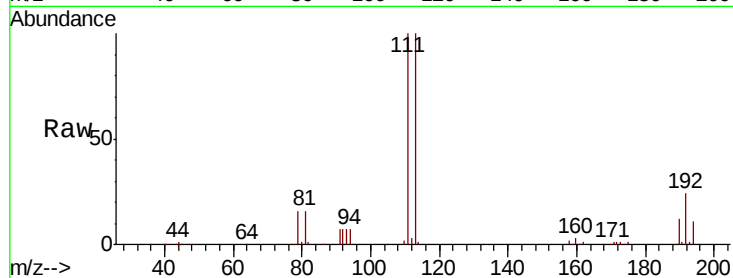
Tot Ion:113 Resp: 163922

Ion Ratio Lower Upper

113 100

111 101.4 82.0 123.0

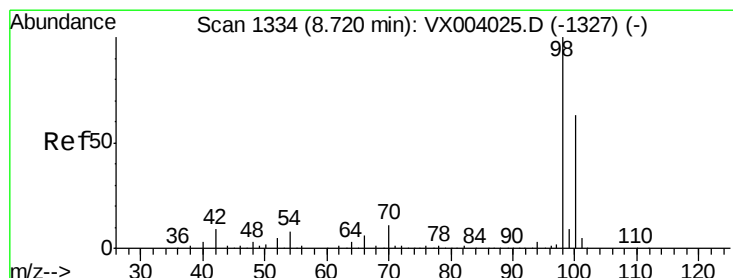
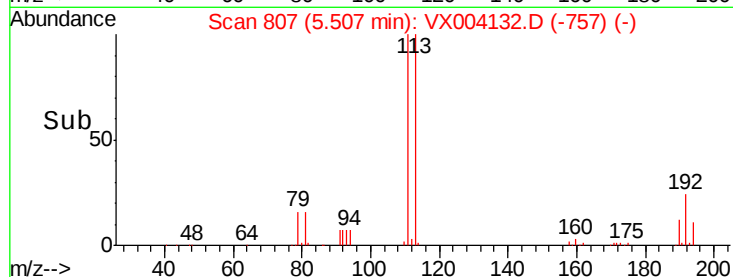
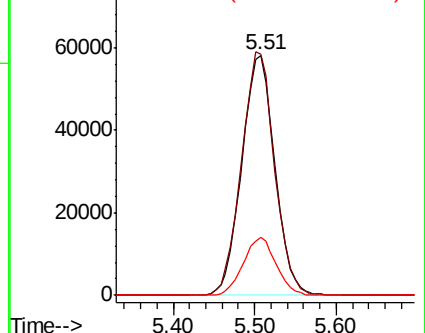
192 23.9 19.0 28.4



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: 46.28 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004132.D

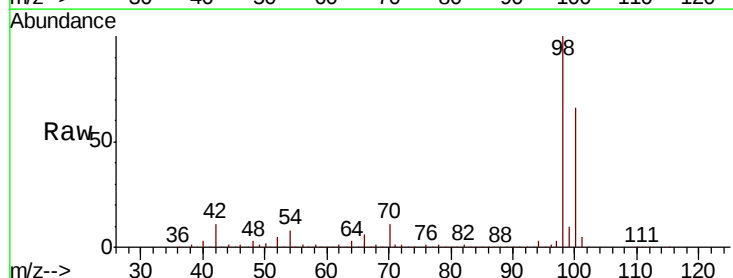
Acq: 17 Aug 2018 15:16

Tgt Ion: 98 Resp: 571459

Ion Ratio Lower Upper

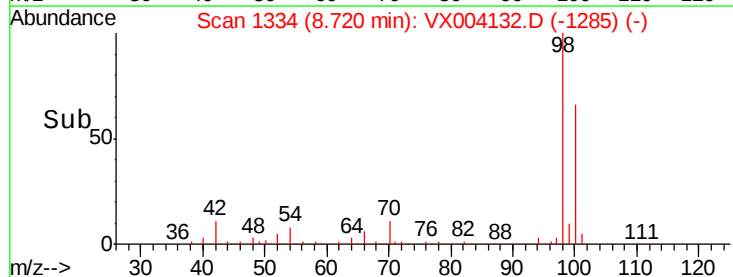
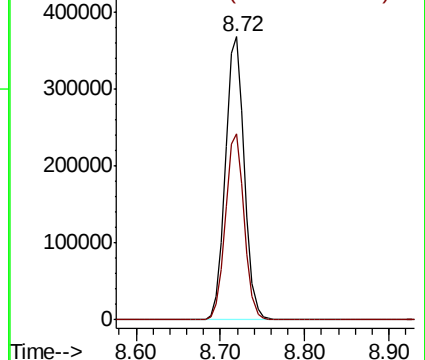
98 100

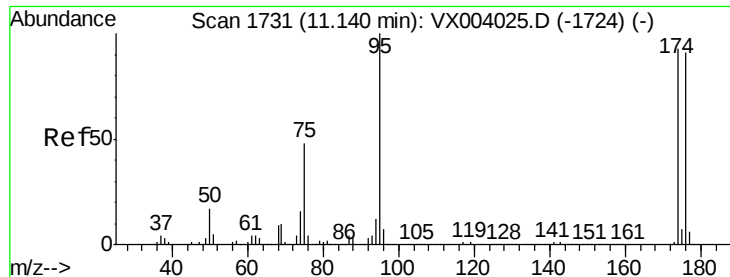
100 65.2 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.05 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004132.D

Acq: 17 Aug 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

MW-5

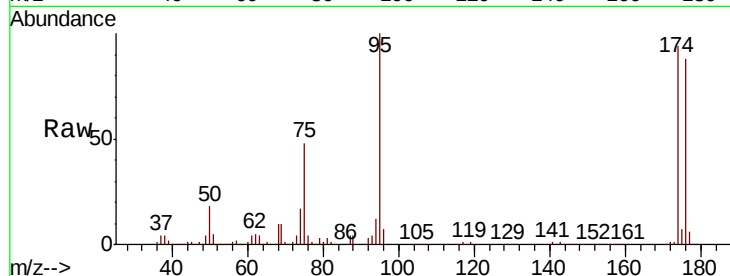
Tot Ion: 95 Resp: 188290

Ion Ratio Lower Upper

95 100

174 94.2 0.0 182.8

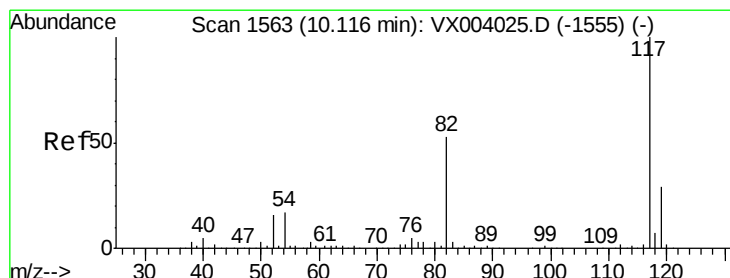
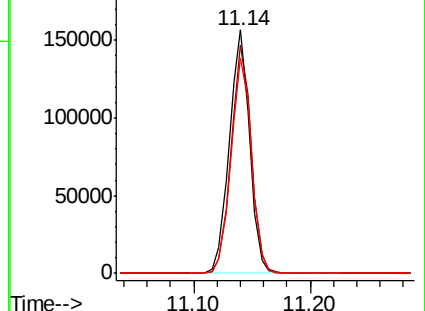
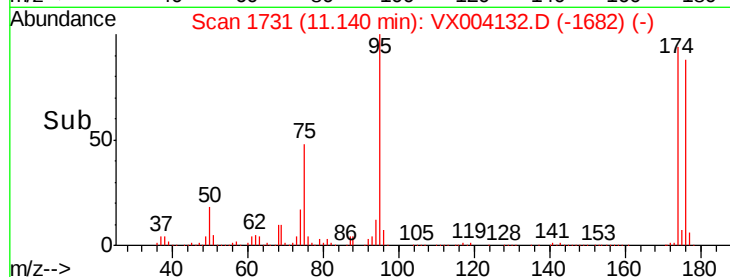
176 90.0 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX004132.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX004132.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX004132.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004132.D

Acq: 17 Aug 2018 15:16

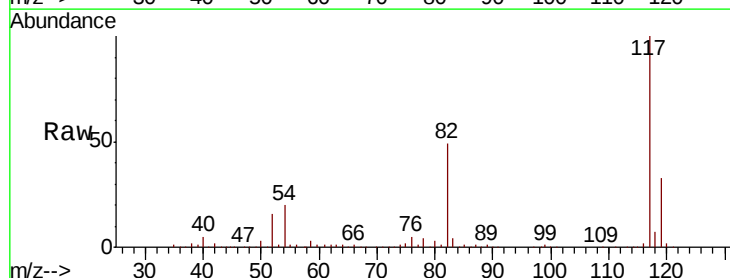
Tgt Ion: 117 Resp: 364733

Ion Ratio Lower Upper

117 100

82 48.9 45.4 68.0

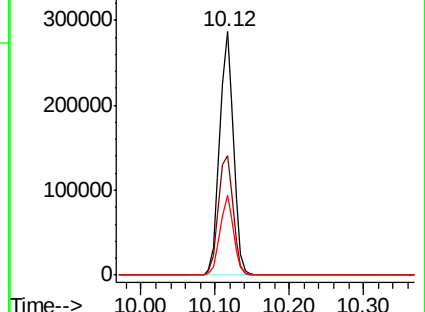
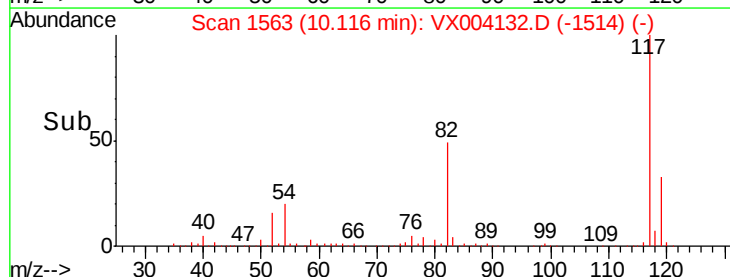
119 32.5 26.6 40.0

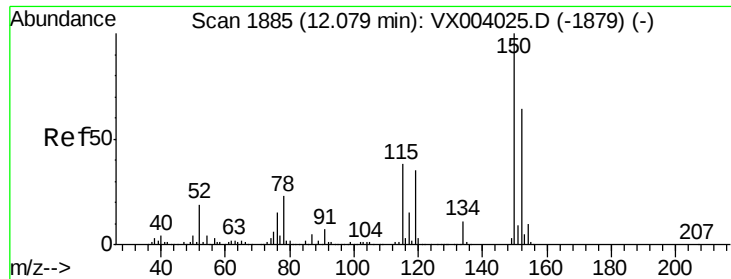


Abundance Ion 116.90 (116.60 to 117.60): VX004132.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX004132.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX004132.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004132.D

Acq: 17 Aug 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

MW-5

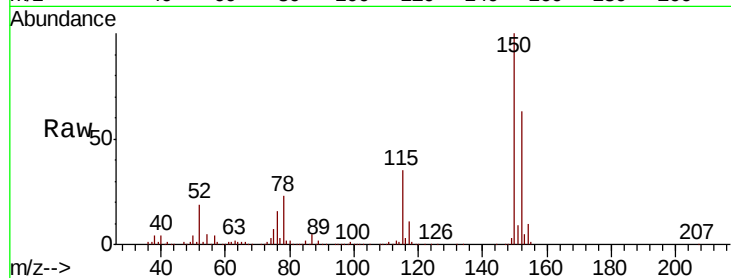
Tot Ion:152 Resp: 203341

Ion Ratio Lower Upper

152 100

115 54.0 39.1 117.3

150 156.1 0.0 349.2



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

