

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050619\
 Data File : VX009358.D
 Acq On : 06 May 2019 18:12
 Operator : JC/SP
 Sample : K2697-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3-20190502

Quant Time: May 07 11:09:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 04 07:18:36 2019
 Response via : Initial Calibration

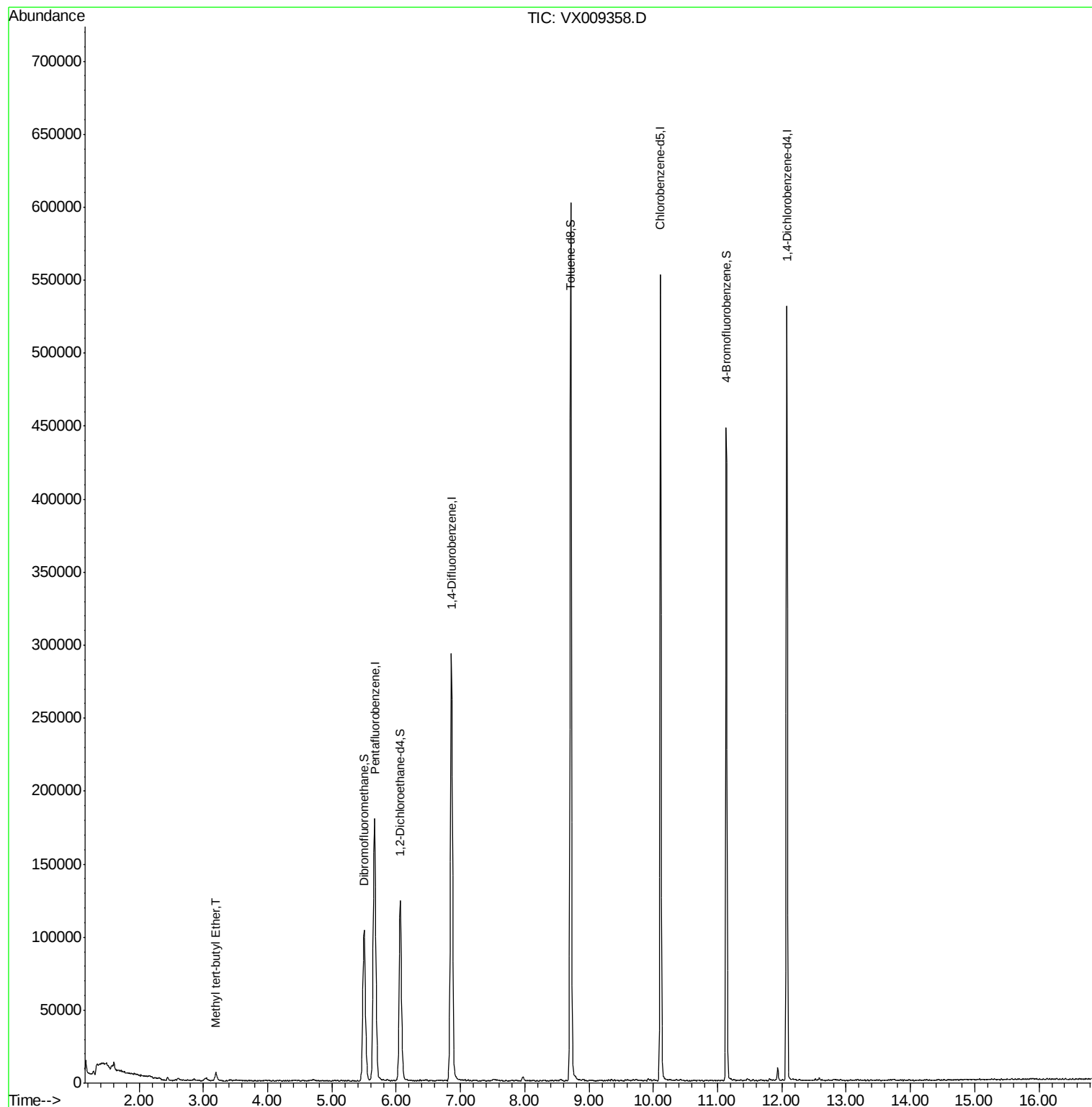
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	179016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	287816	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	252007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109001	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118332	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
35) Dibromofluoromethane	5.50	113	88007	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
50) Toluene-d8	8.71	98	362061	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.13	95	120525	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
Target Compounds						
19) Methyl tert-butyl Ether	3.20	73	5185	0.795	ug/l #	90

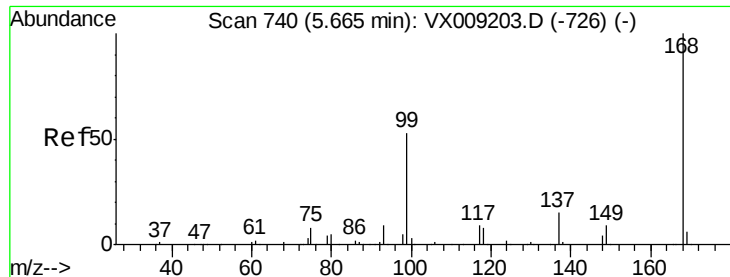
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 07 11:09:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Sat May 04 07:18:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009358.D

Acq: 06 May 2019 18:12

Instrument :

MSVOA_X

ClientSampleId :

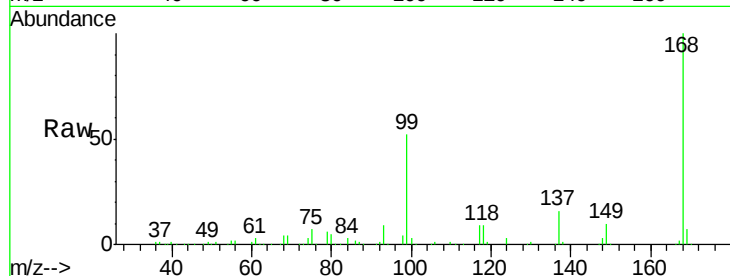
MW-3-20190502

Tot Ion:168 Resp: 179016

Ion Ratio Lower Upper

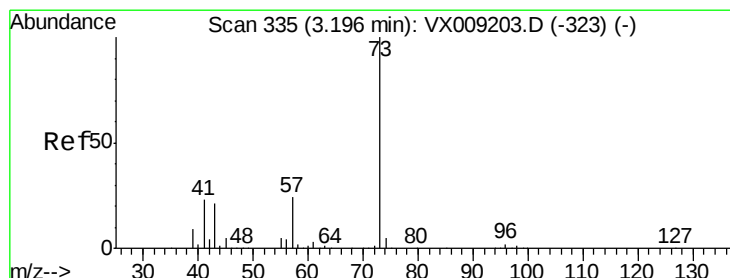
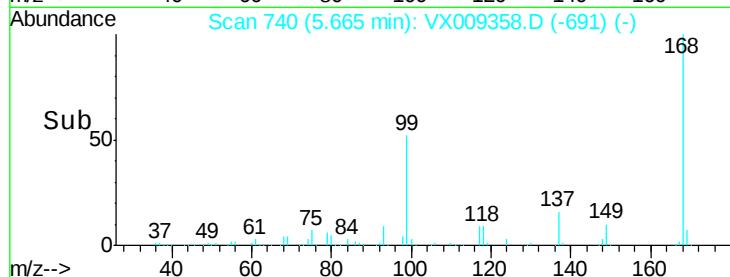
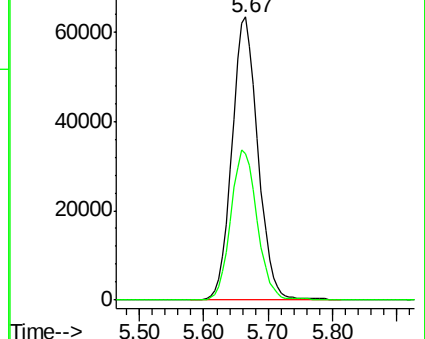
168 100

99 51.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#19

Methyl tert-butyl Ether

Concen: 0.795 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.00 min

Lab File: VX009358.D

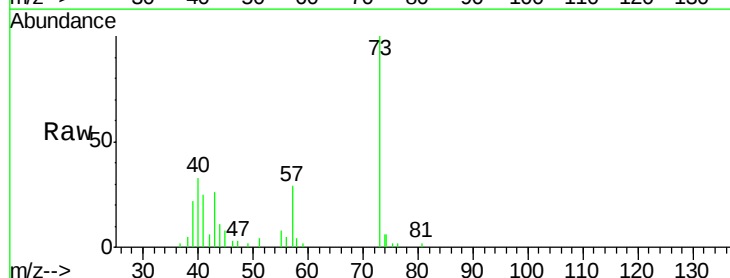
Acq: 06 May 2019 18:12

Tgt Ion: 73 Resp: 5185

Ion Ratio Lower Upper

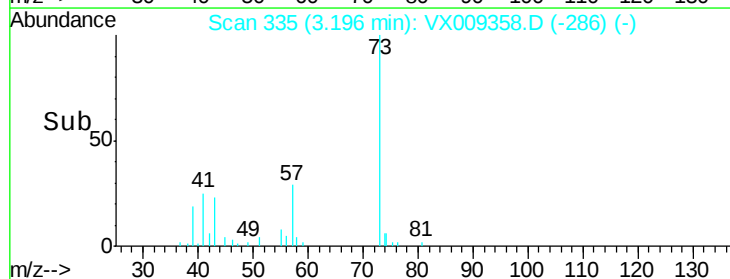
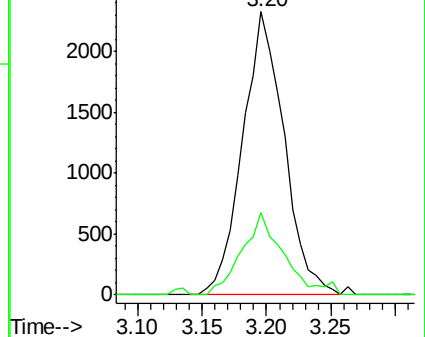
73 100

57 29.3 19.3 28.9#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

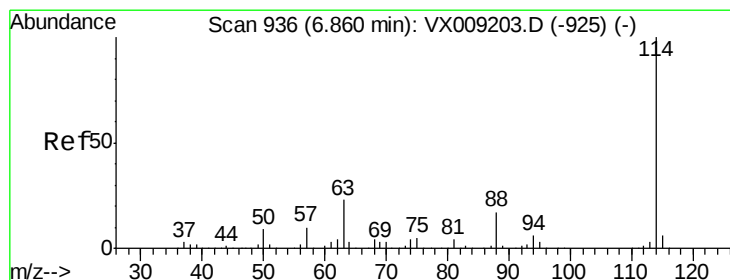
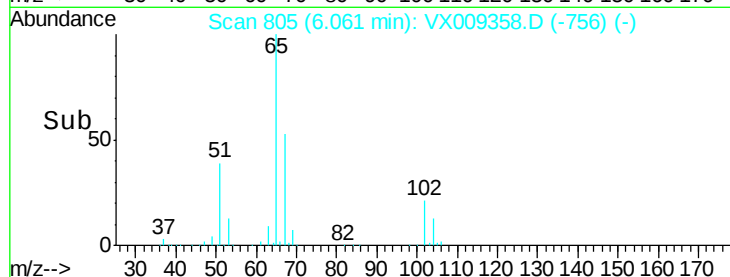
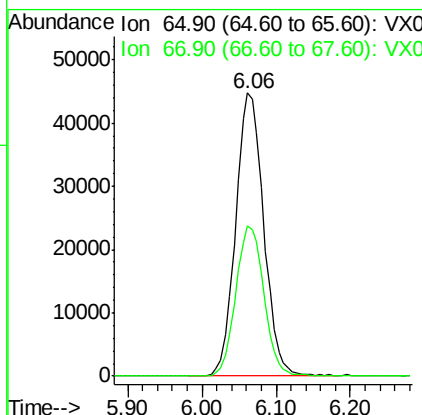
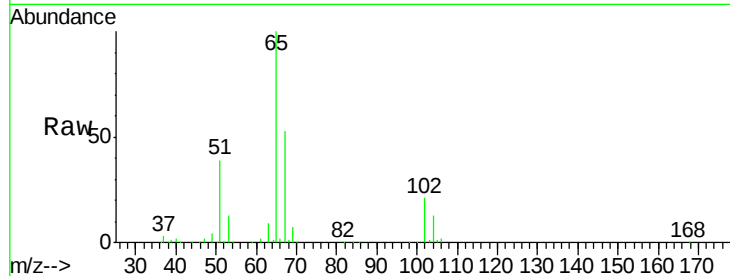




#33
 1,2-Dichloroethane-d4
 Concen: 48.422 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009358.D
 Acq: 06 May 2019 18:12

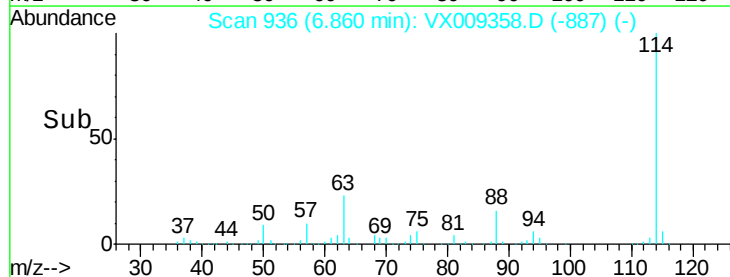
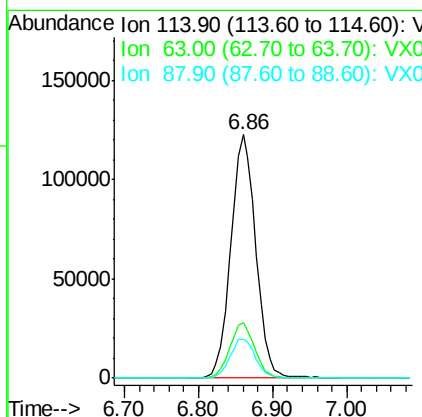
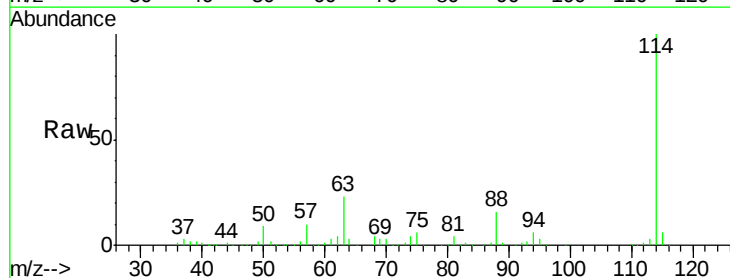
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3-20190502

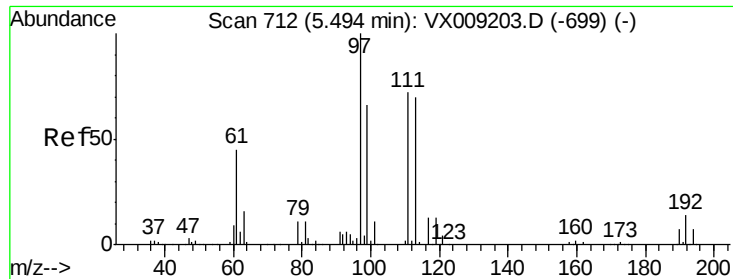
Tot Ion: 65 Resp: 118332
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009358.D
 Acq: 06 May 2019 18:12

Tgt Ion: 114 Resp: 287816
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.6
 88 16.1 0.0 33.2

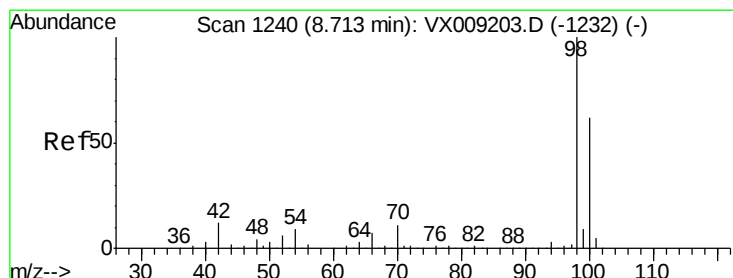
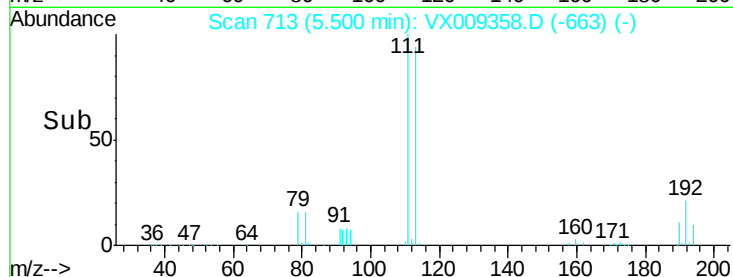
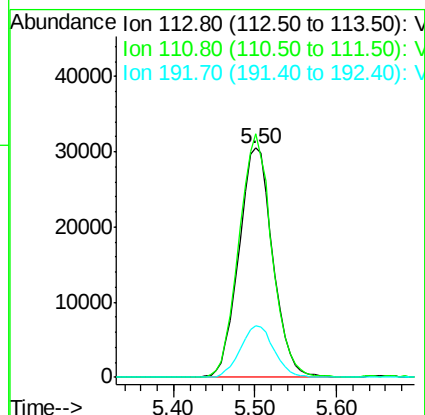
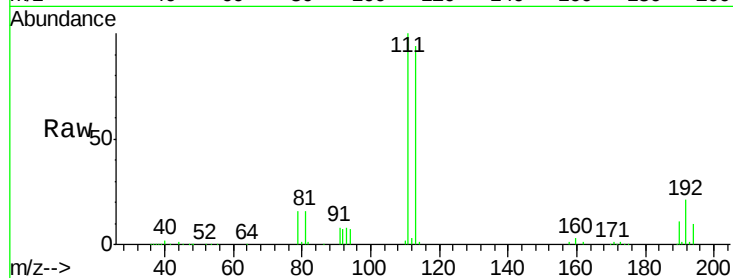




#35
 Dibromofluoromethane
 Concen: 48.641 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009358.D
 Acq: 06 May 2019 18:12

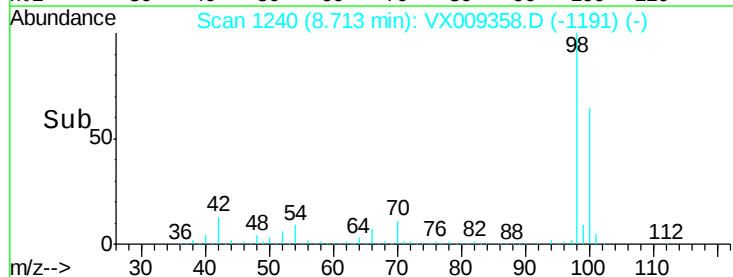
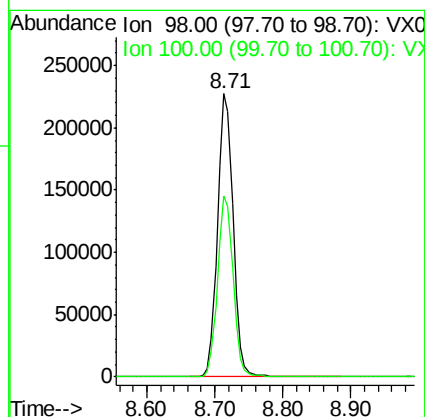
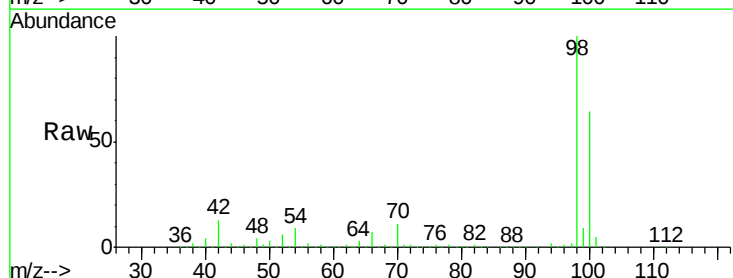
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3-20190502

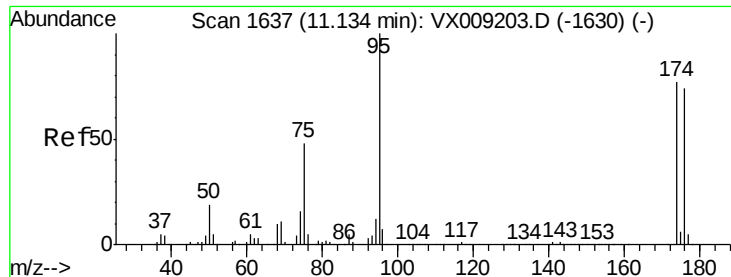
Tot Ion:113 Resp: 88007
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.8 124.2
 192 22.5 17.0 25.6



#50
 Toluene-d8
 Concen: 49.565 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009358.D
 Acq: 06 May 2019 18:12

Tgt Ion: 98 Resp: 362061
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 45.408 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009358.D

Acq: 06 May 2019 18:12

Instrument :

MSVOA_X

ClientSampleId :

MW-3-20190502

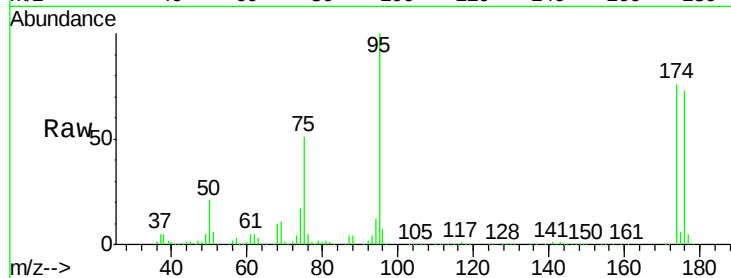
Tot Ion: 95 Resp: 120525

Ion Ratio Lower Upper

95 100

174 80.9 0.0 161.6

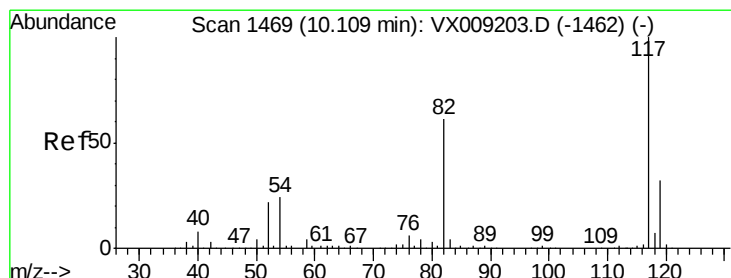
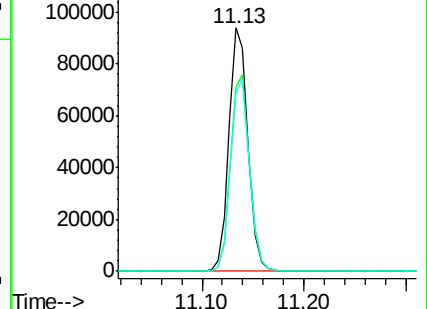
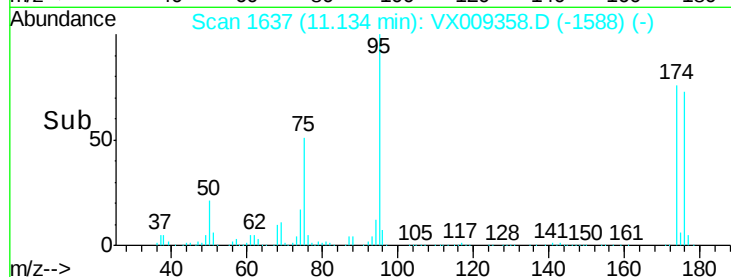
176 78.4 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009358.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009358.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009358.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX009358.D

Acq: 06 May 2019 18:12

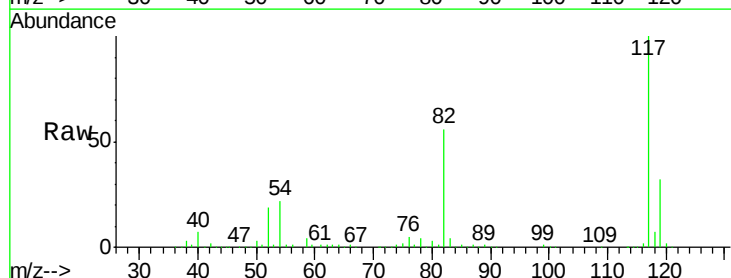
Tgt Ion: 117 Resp: 252007

Ion Ratio Lower Upper

117 100

82 56.4 48.8 73.2

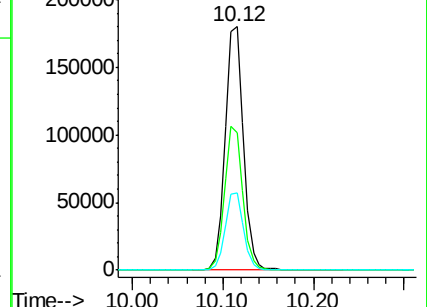
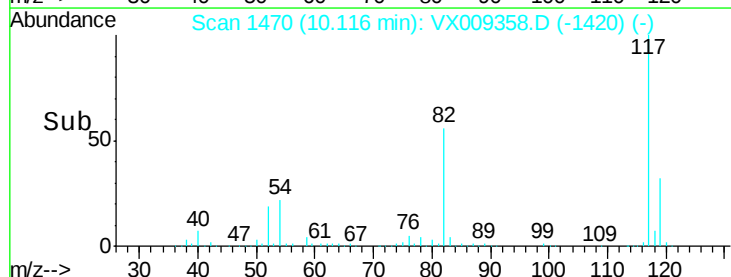
119 31.7 25.8 38.6

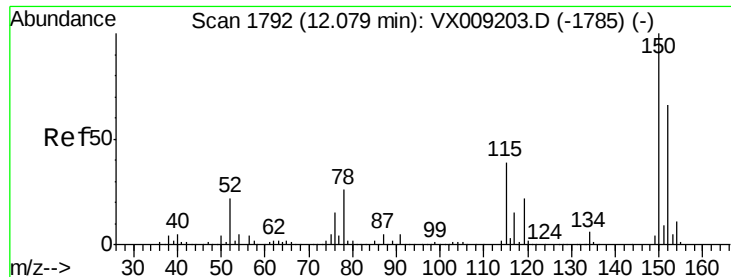


Abundance Ion 116.90 (116.60 to 117.60): VX009358.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009358.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009358.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009358.D

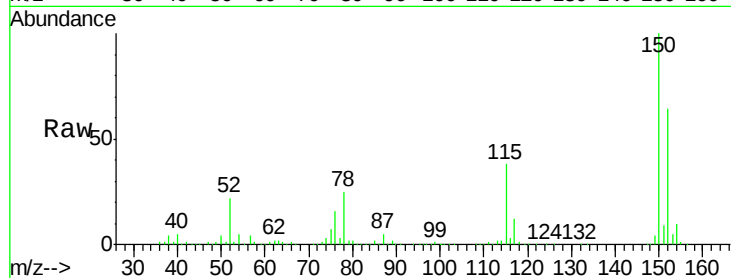
Acq: 06 May 2019 18:12

Instrument :

MSVOA_X

ClientSampleId :

MW-3-20190502



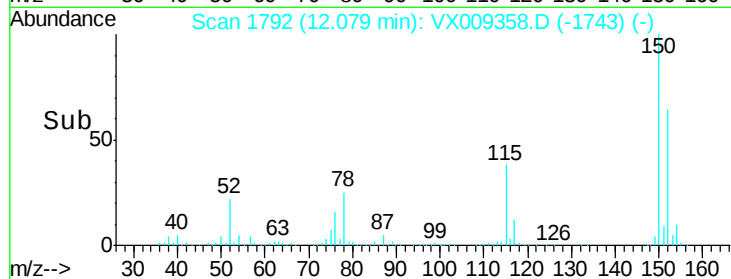
Tot Ion:152 Resp: 109001

Ion Ratio Lower Upper

152 100

115 58.5 41.2 123.6

150 156.7 0.0 346.4



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

