

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050619\
 Data File : VX009356.D
 Acq On : 06 May 2019 17:25
 Operator : JC/SP
 Sample : K2697-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1-20190502

Quant Time: May 07 11:08:06 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

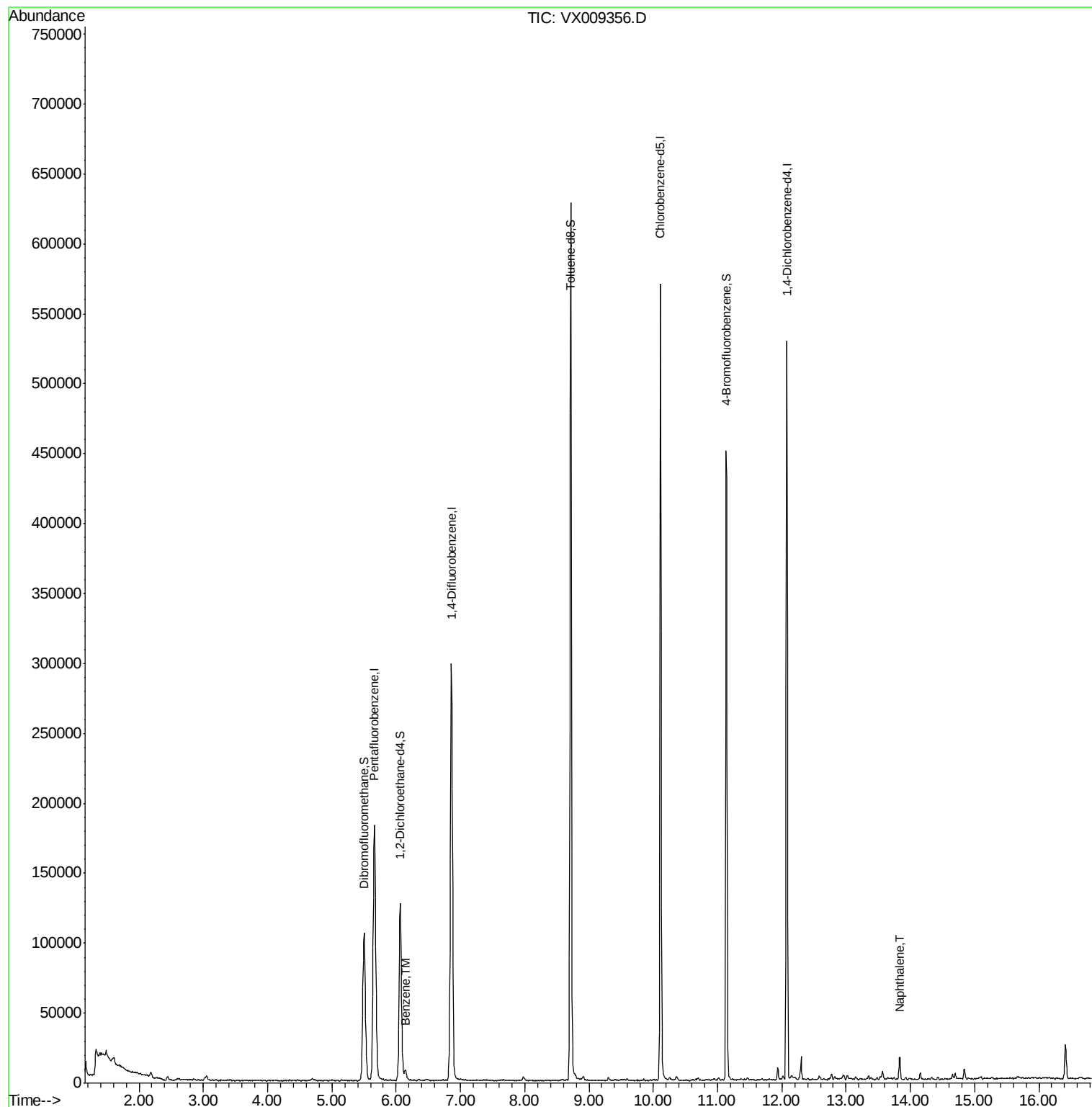
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	180941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293711	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119131	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
35) Dibromofluoromethane	5.50	113	89889	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	8.71	98	367205	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	11.13	95	120228	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	
Target Compounds						
40) Benzene	6.15	78	7419	0.878	ug/l	100
95) Naphthalene	13.83	128	9371	1.156	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009356.D

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Instrument :

MSVOA_X

ClientSampleId :

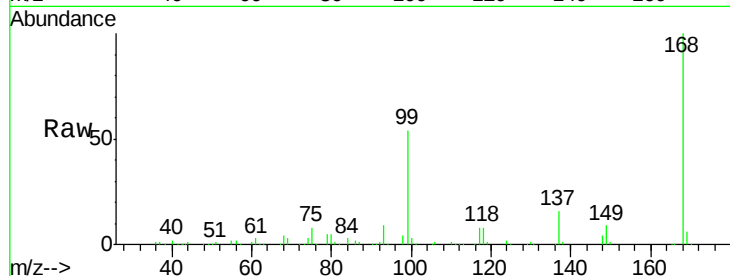
MW-1-20190502

Tot Ion:168 Resp: 180941

Ion Ratio Lower Upper

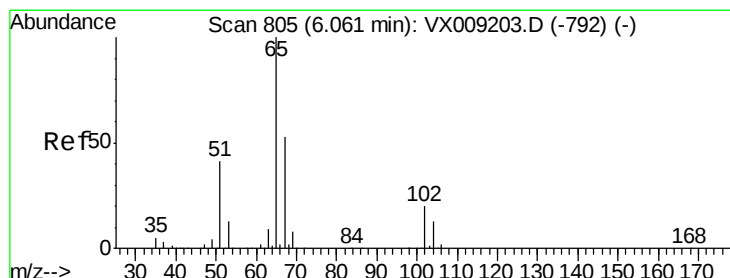
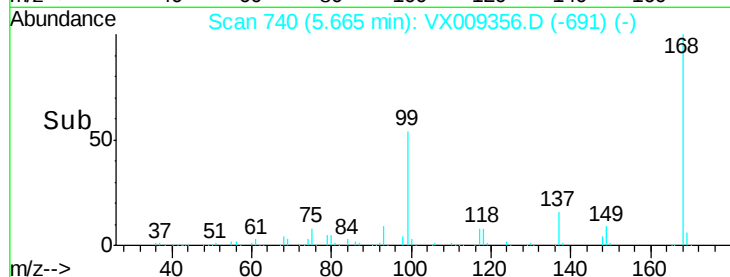
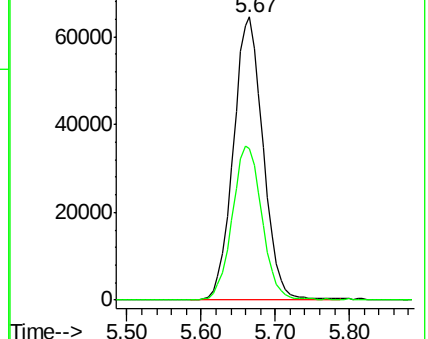
168 100

99 53.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.230 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009356.D

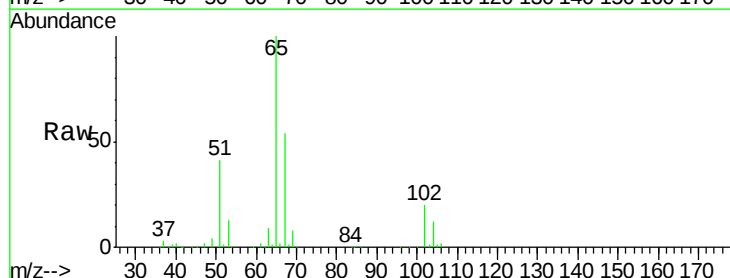
Acq: 06 May 2019 17:25

Tgt Ion: 65 Resp: 119131

Ion Ratio Lower Upper

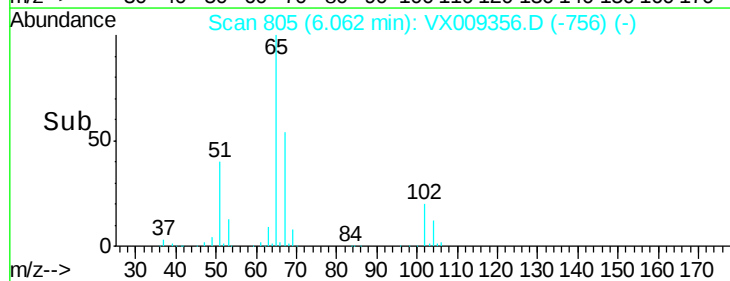
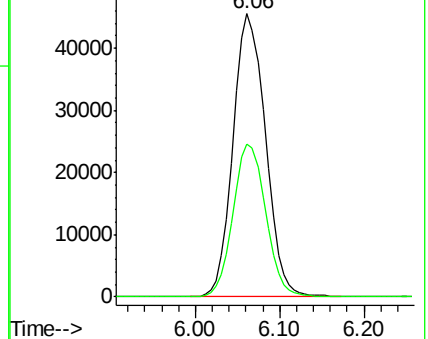
65 100

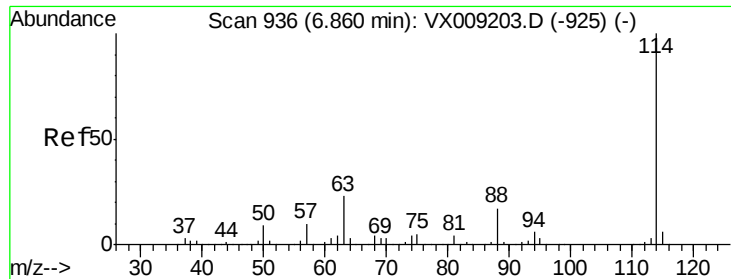
67 54.5 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

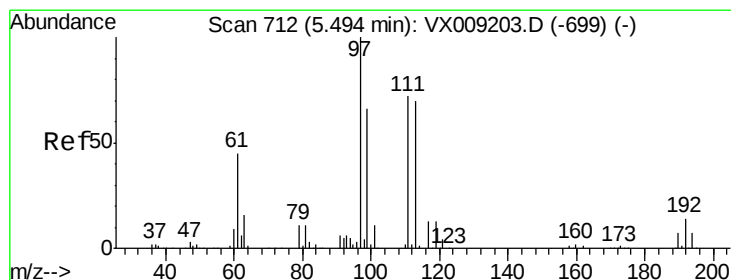
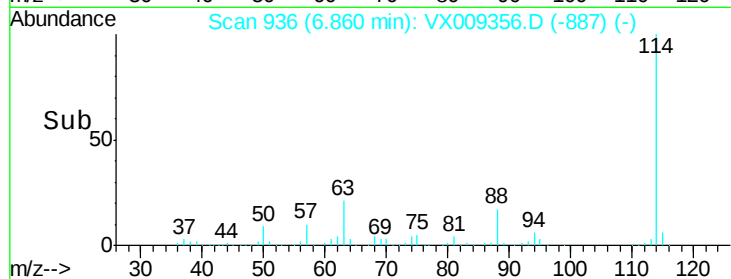
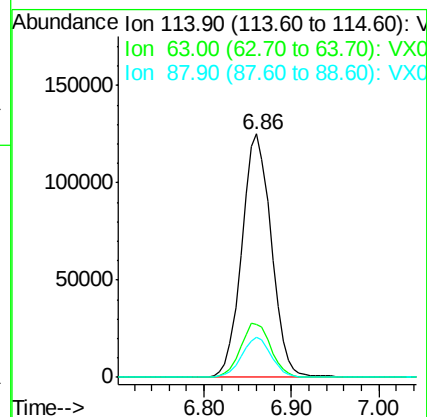
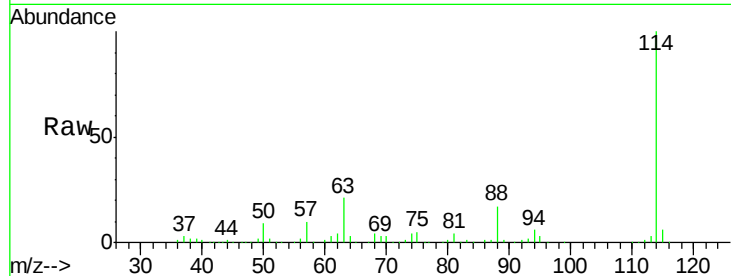




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009356.D
 Acq: 06 May 2019 17:25

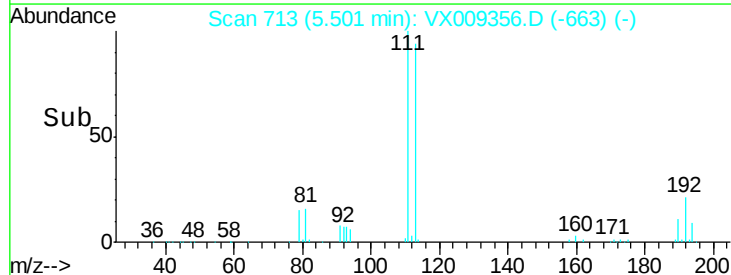
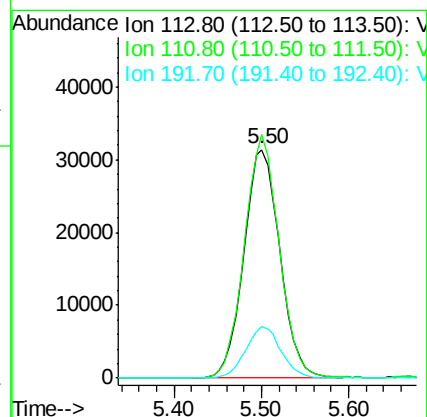
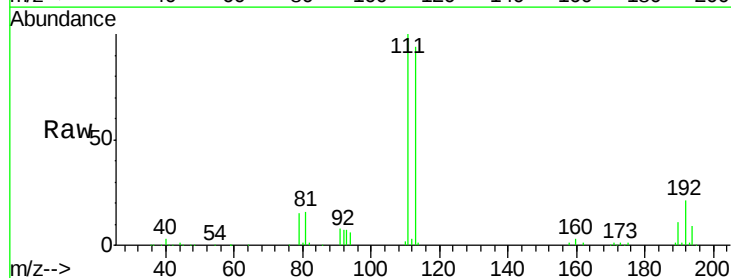
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1-20190502

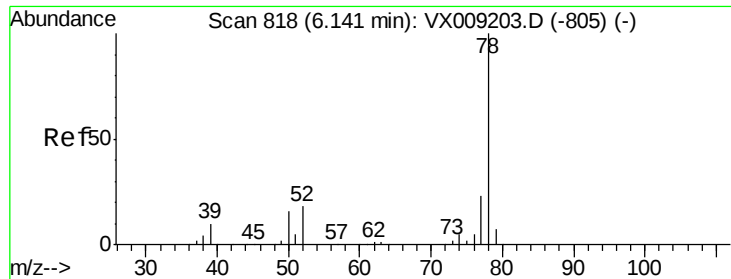
Tot Ion:114 Resp: 293711
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.6
 88 16.7 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 48.684 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009356.D
 Acq: 06 May 2019 17:25

Tgt Ion:113 Resp: 89889
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.8 124.2
 192 22.1 17.0 25.6

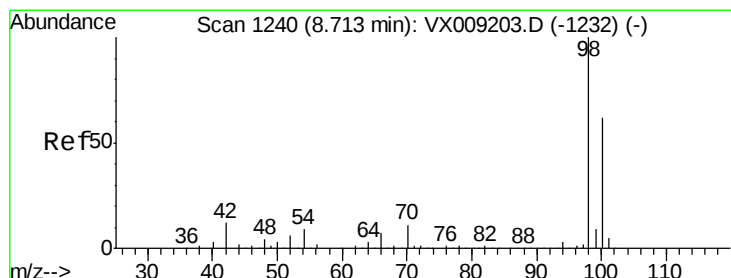
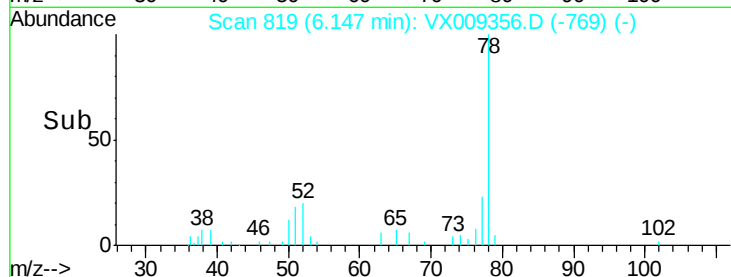
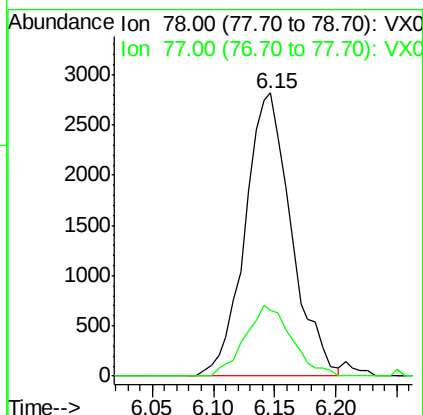
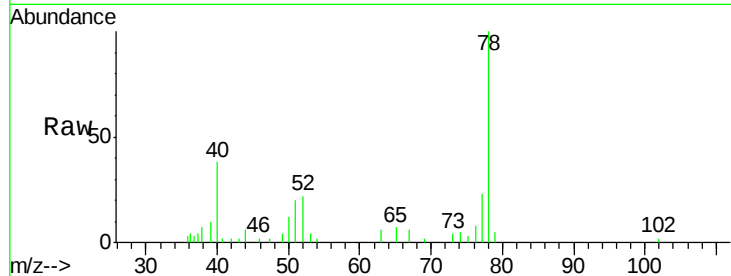




#40
Benzene
Concen: 0.878 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009356.D
Acq: 06 May 2019 17:25

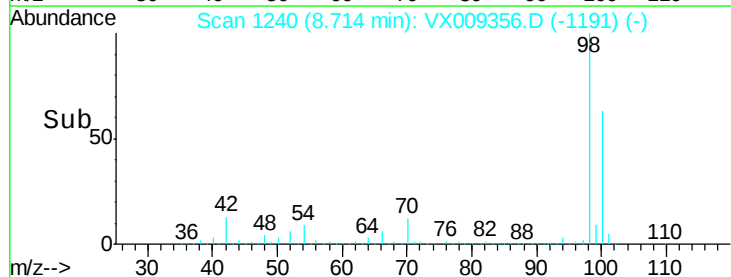
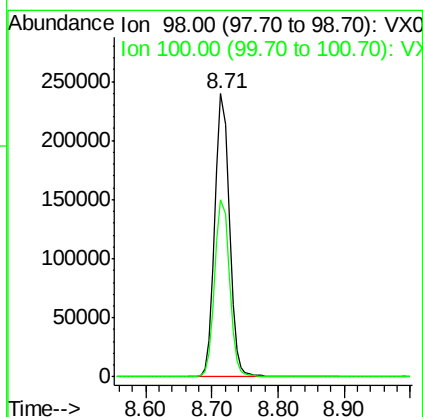
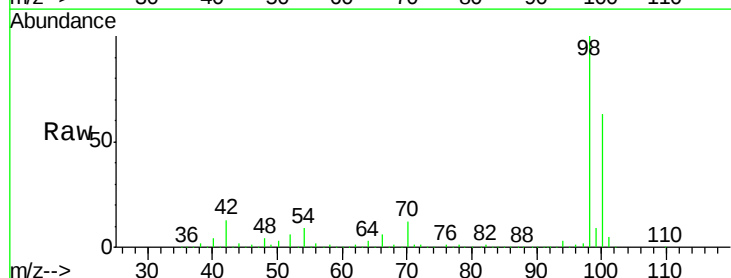
Instrument :
MSVOA_X
ClientSampleId :
MW-1-20190502

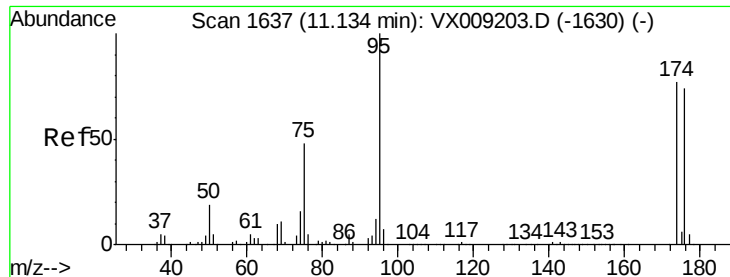
Tot Ion: 78 Resp: 7419
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2



#50
Toluene-d8
Concen: 49.261 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009356.D
Acq: 06 May 2019 17:25

Tgt Ion: 98 Resp: 367205
Ion Ratio Lower Upper
98 100
100 63.6 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 44.387 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009356.D

Acq: 06 May 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

MW-1-20190502

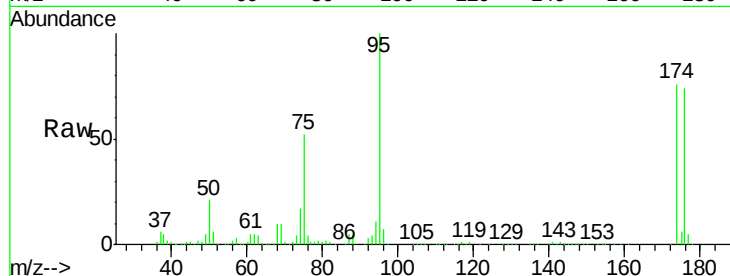
Tot Ion: 95 Resp: 120228

Ion Ratio Lower Upper

95 100

174 83.3 0.0 161.6

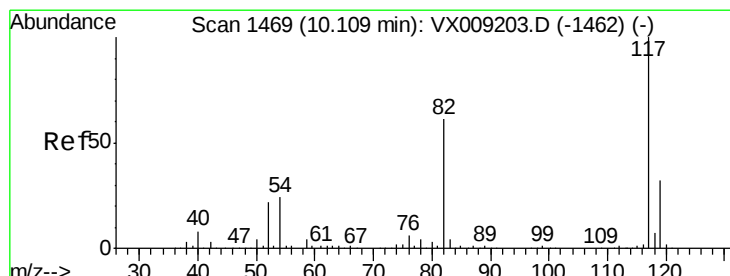
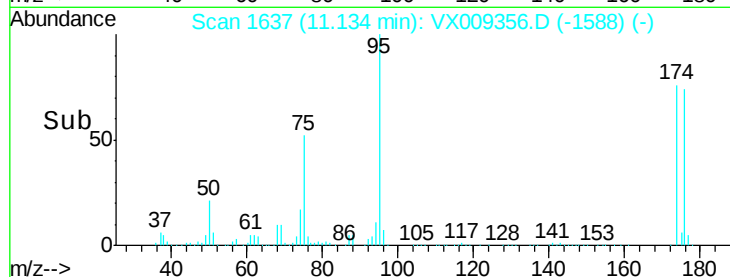
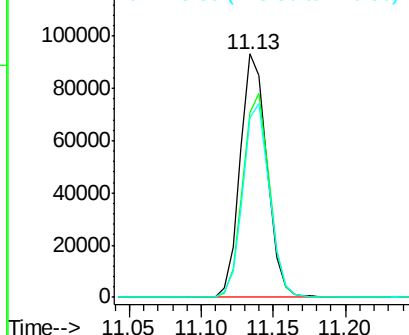
176 79.3 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009356.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009356.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009356.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009356.D

Acq: 06 May 2019 17:25

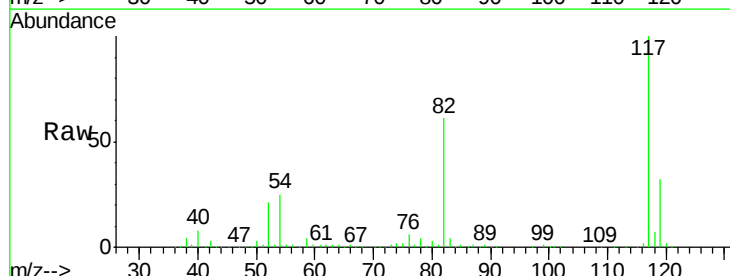
Tgt Ion: 117 Resp: 255445

Ion Ratio Lower Upper

117 100

82 60.9 48.8 73.2

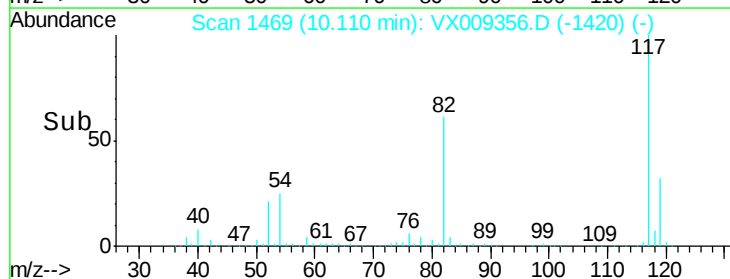
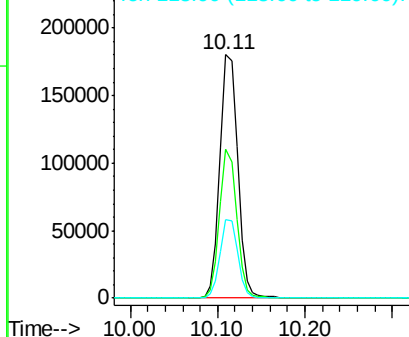
119 32.5 25.8 38.6

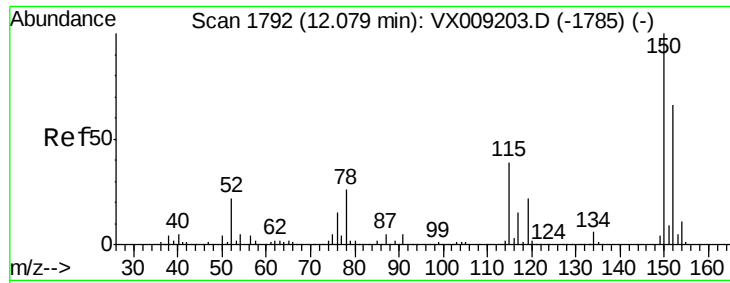


Abundance Ion 116.90 (116.60 to 117.60): VX009356.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009356.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009356.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: VX009356.D

Acq: 06 May 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

MW-1-20190502

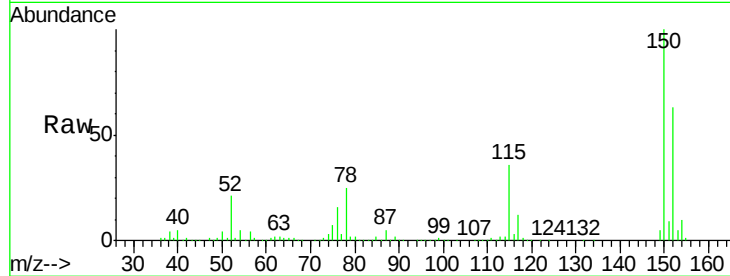
Tot Ion:152 Resp: 111191

Ion Ratio Lower Upper

152 100

115 58.1 41.2 123.6

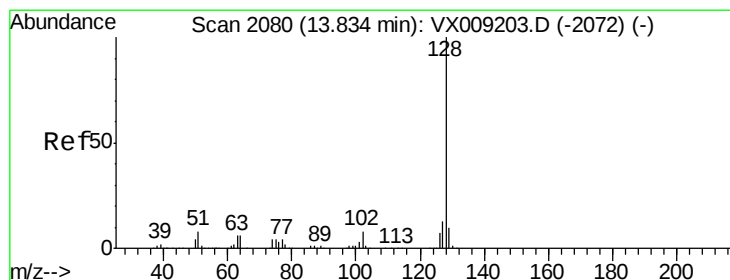
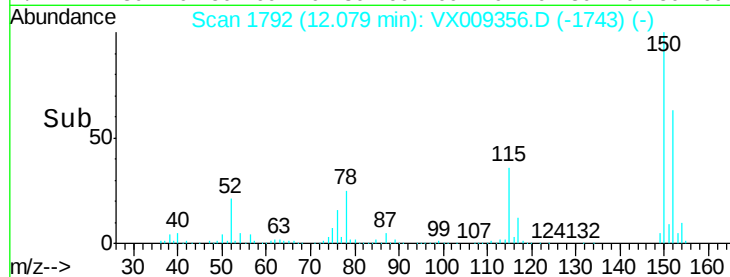
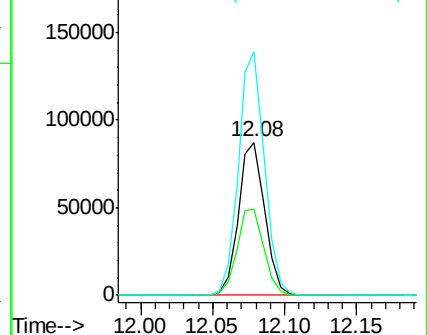
150 157.5 0.0 346.4



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



#95

Naphthalene

Concen: 1.156 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009356.D

Acq: 06 May 2019 17:25

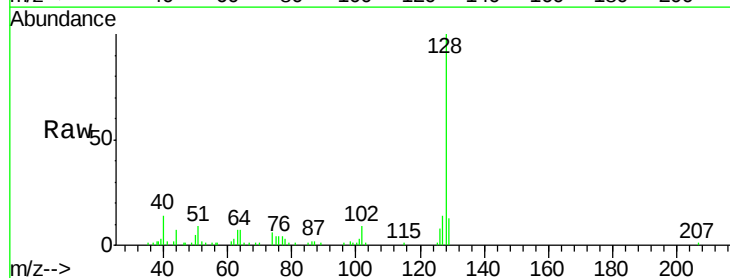
Tgt Ion:128 Resp: 9371

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

129 11.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

