

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010359.D
 Acq On : 20 Jun 2019 16:01
 Operator : JC/SP
 Sample : K3469-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919

Quant Time: Jun 21 01:56:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

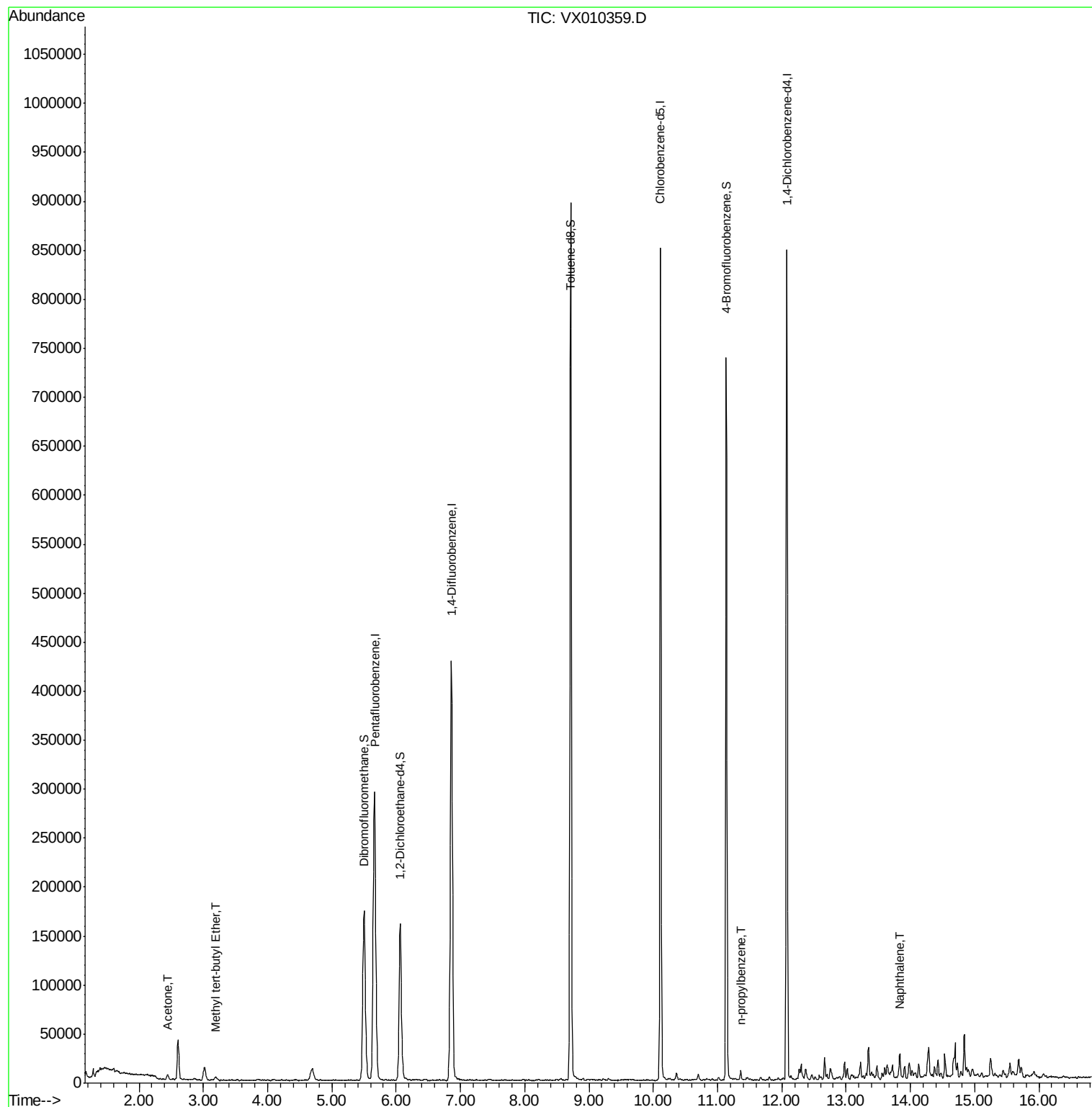
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	481083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	417909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	145007	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
35) Dibromofluoromethane	5.50	113	146502	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
50) Toluene-d8	8.71	98	550310	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.13	95	184107	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.56%	
Target Compounds						
16) Acetone	2.45	43	6510	4.423	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	3783	0.443	ug/l #	90
78) n-propylbenzene	11.36	91	5757	0.401	ug/l	99
95) Naphthalene	13.83	128	16836	1.248	ug/l #	95

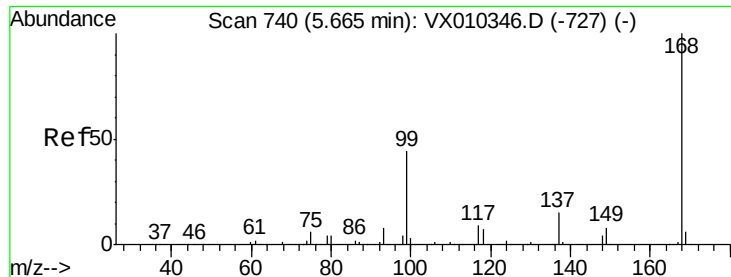
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010359.D

Acq: 20 Jun 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

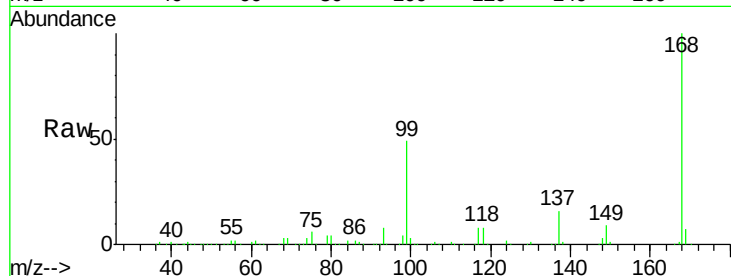
T11-MW-3-8.0-061919

Tot Ion:168 Resp: 313195

Ion Ratio Lower Upper

168 100

99 48.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

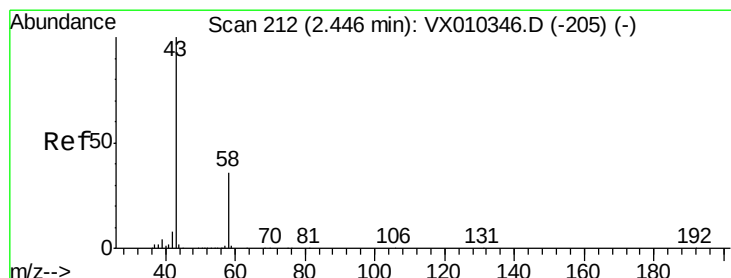
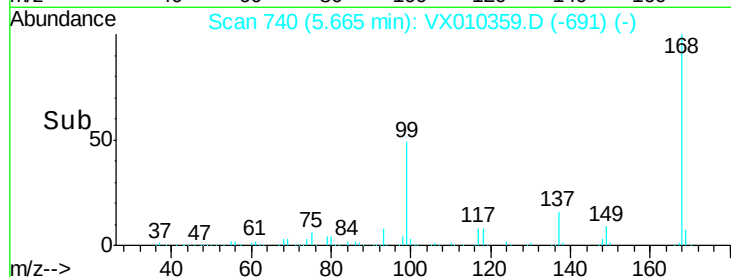
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 4.423 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010359.D

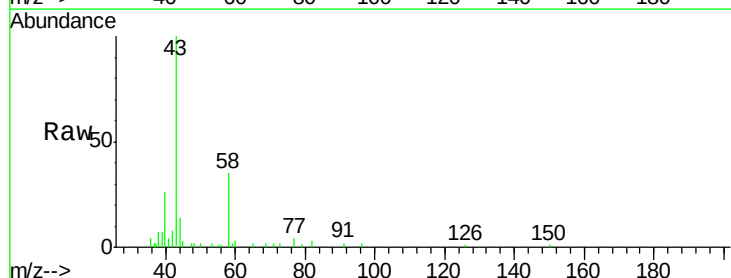
Acq: 20 Jun 2019 16:01

Tgt Ion: 43 Resp: 6510

Ion Ratio Lower Upper

43 100

58 33.4 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

4000

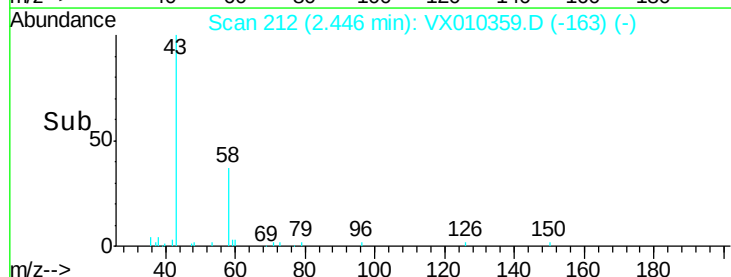
3000

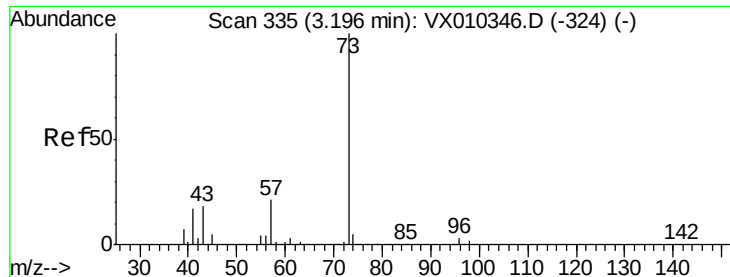
2000

1000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 0.443 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.01 min

Lab File: VX010359.D

Acq: 20 Jun 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

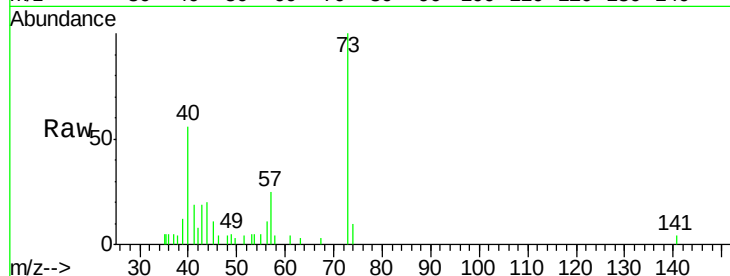
T11-MW-3-8.0-061919

Tot Ion: 73 Resp: 3783

Ion Ratio Lower Upper

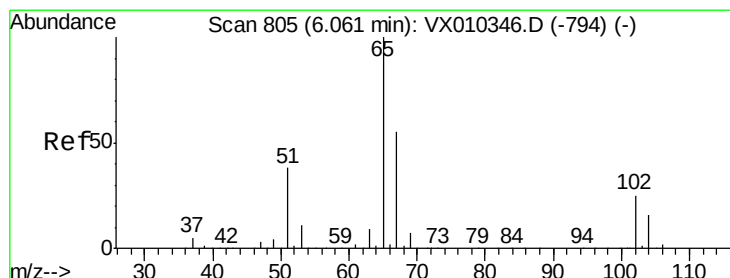
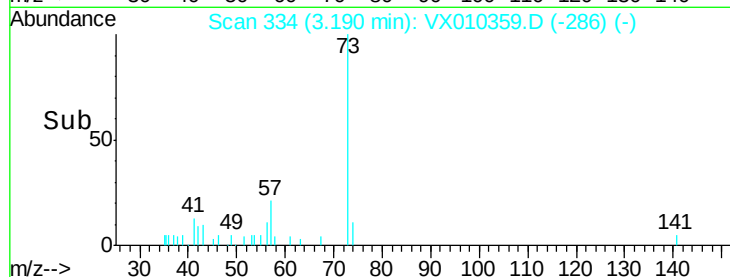
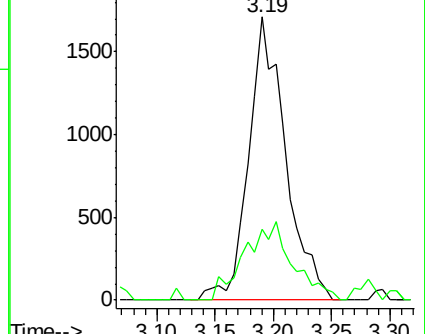
73 100

57 25.3 16.4 24.6#



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: 49.381 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010359.D

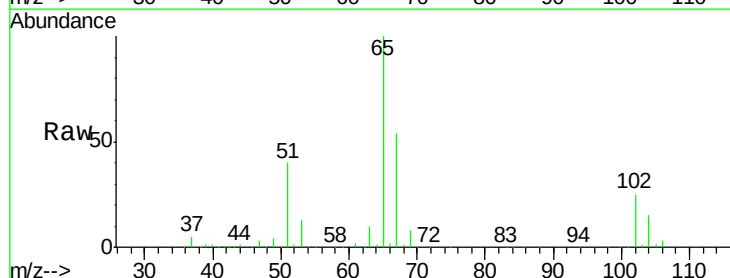
Acq: 20 Jun 2019 16:01

Tgt Ion: 65 Resp: 145007

Ion Ratio Lower Upper

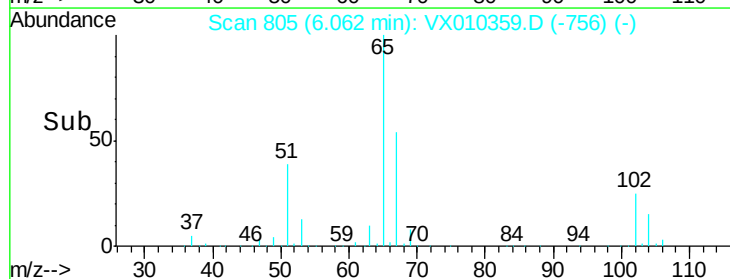
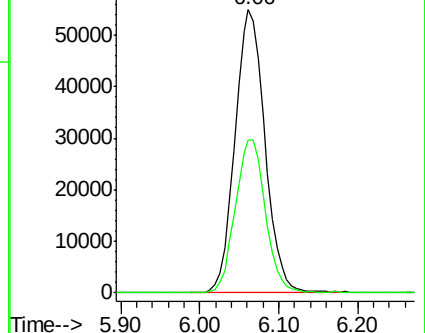
65 100

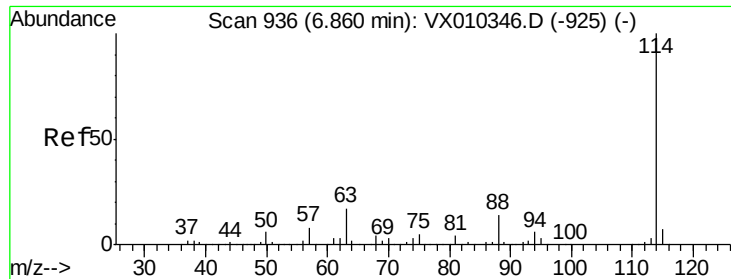
67 54.5 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

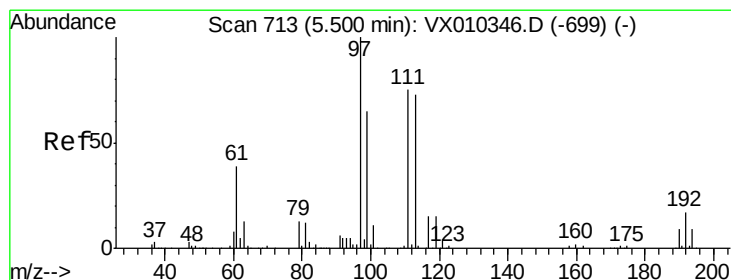
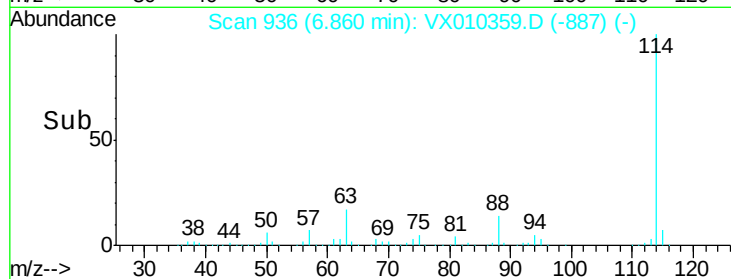
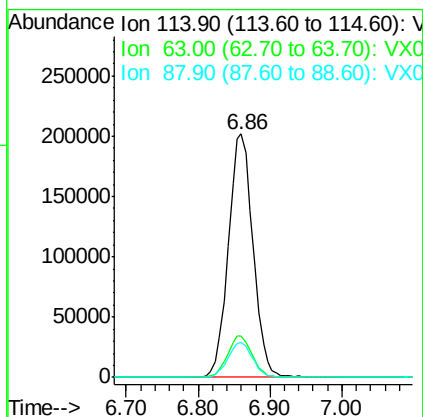
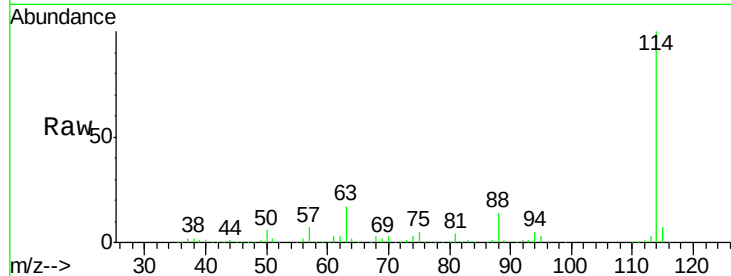




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010359.D
 Acq: 20 Jun 2019 16:01

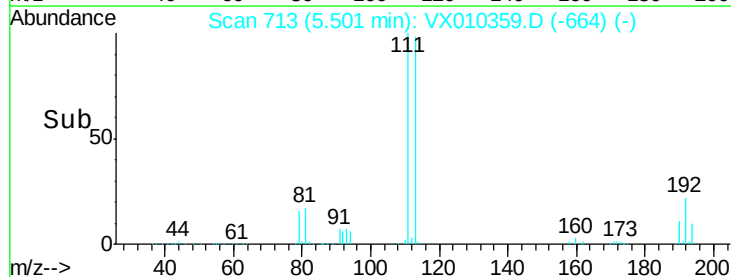
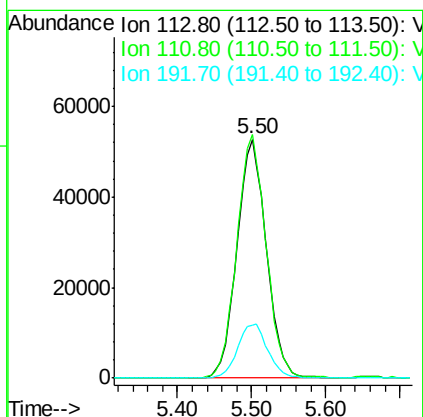
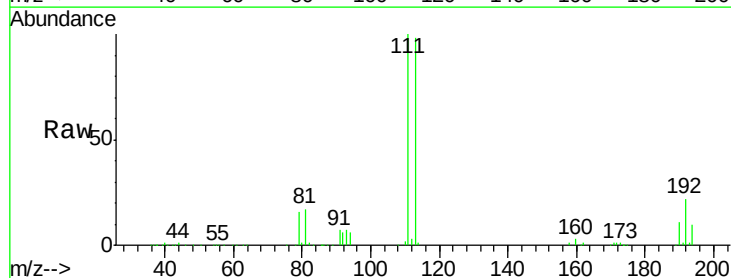
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919

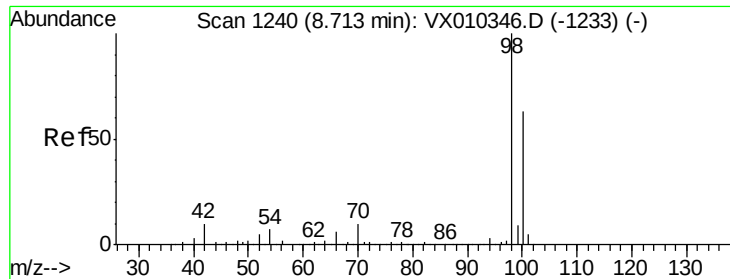
Tot Ion:114 Resp: 481083
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 33.8
 88 14.4 0.0 27.6



#35
 Dibromofluoromethane
 Concen: 49.772 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010359.D
 Acq: 20 Jun 2019 16:01

Tgt Ion:113 Resp: 146502
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.2 121.8
 192 23.3 18.6 27.8

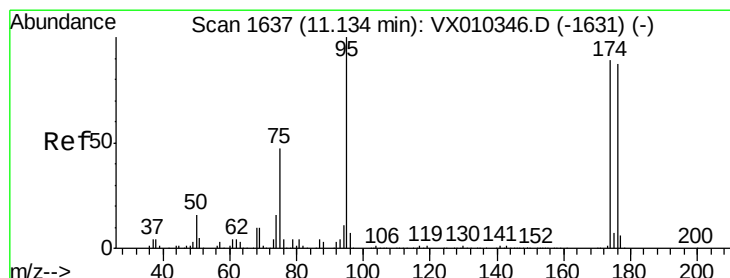
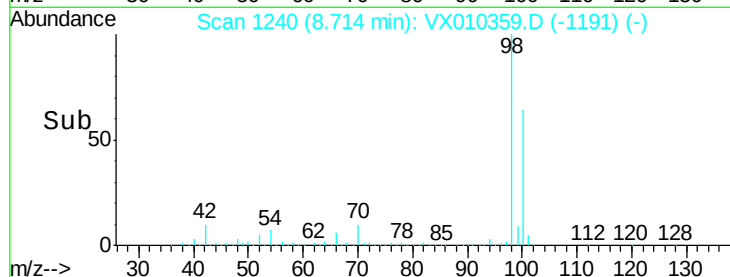
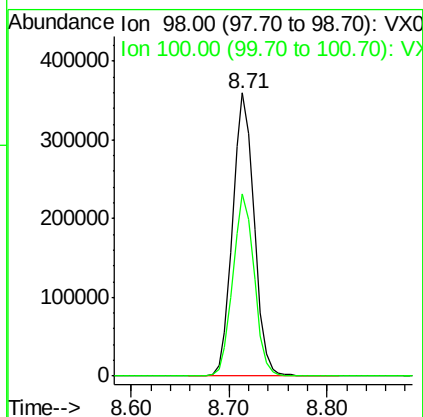
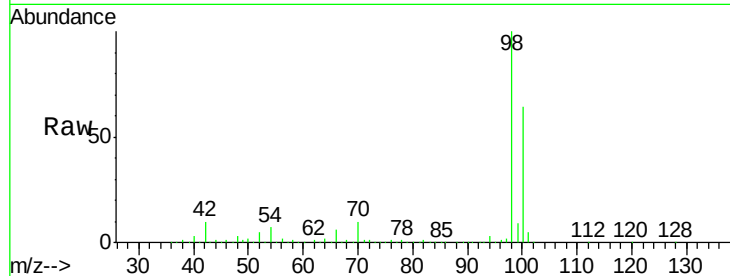




#50
Toluene-d8
Concen: 48.869 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010359.D
Acq: 20 Jun 2019 16:01

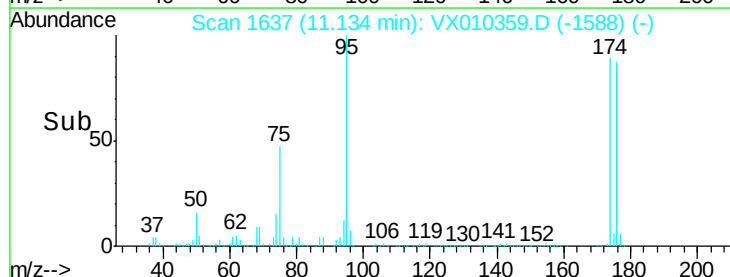
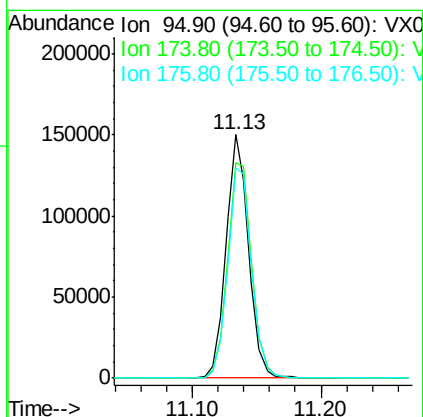
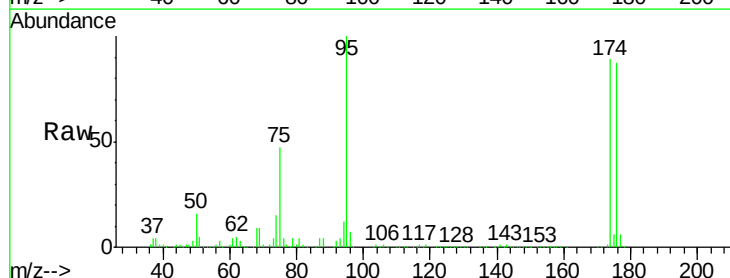
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-061919

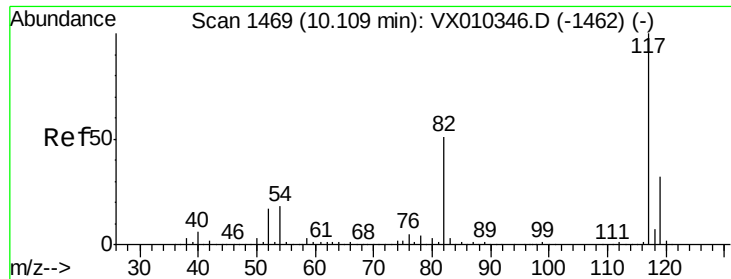
Tot Ion: 98 Resp: 550310
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.285 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010359.D
Acq: 20 Jun 2019 16:01

Tgt Ion: 95 Resp: 184107
Ion Ratio Lower Upper
95 100
174 94.9 0.0 187.6
176 91.5 0.0 184.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010359.D

Acq: 20 Jun 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-061919

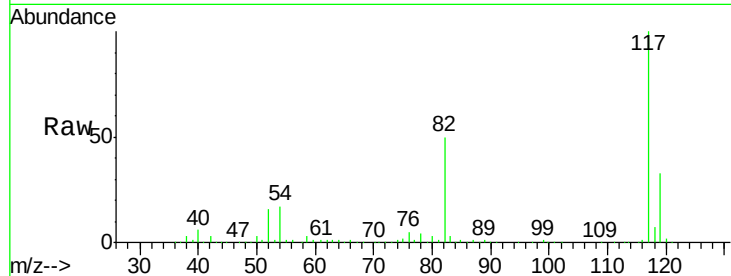
Tot Ion:117 Resp: 417909

Ion Ratio Lower Upper

117 100

82 50.3 41.2 61.8

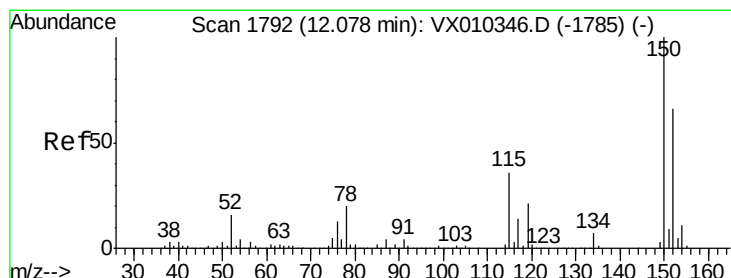
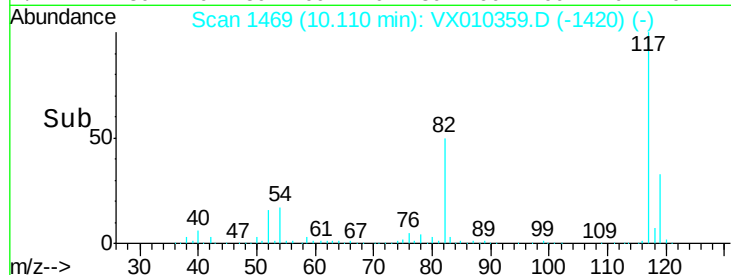
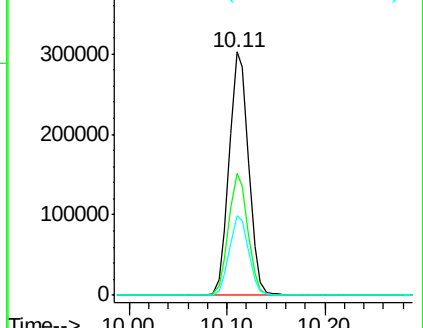
119 32.7 25.5 38.3



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010359.D

Acq: 20 Jun 2019 16:01

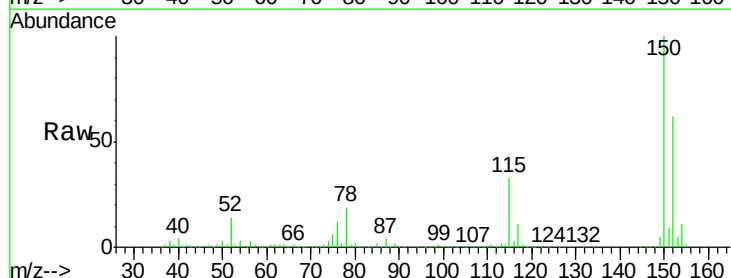
Tgt Ion:152 Resp: 192742

Ion Ratio Lower Upper

152 100

115 54.7 38.6 115.7

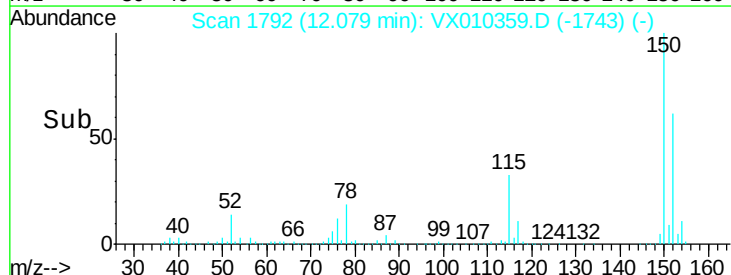
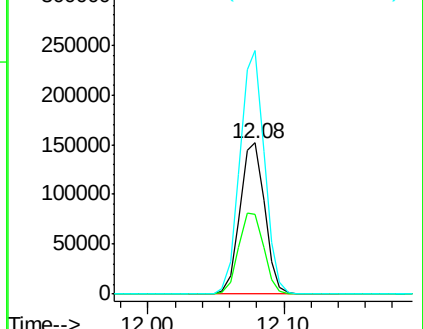
150 158.9 0.0 347.4

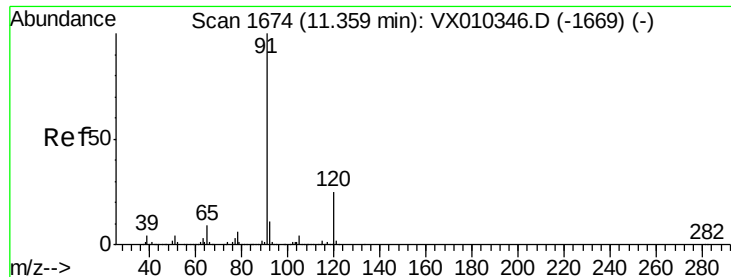


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#78

n-propylbenzene

Concen: 0.401 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010359.D

Acq: 20 Jun 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

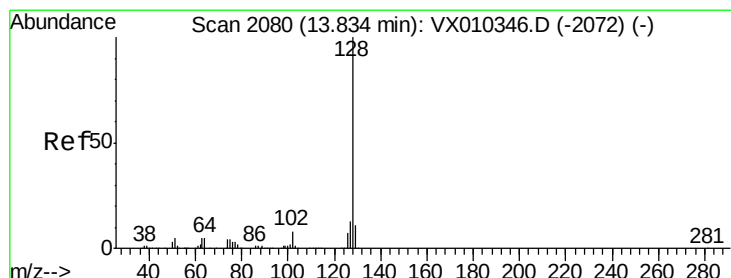
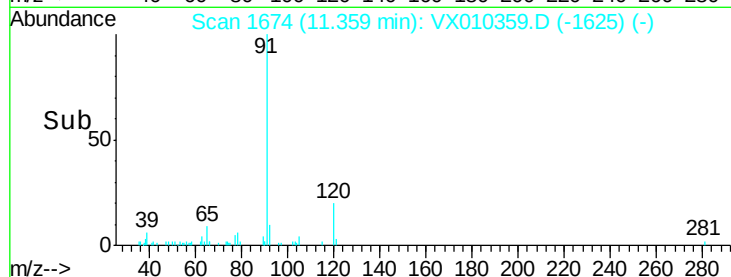
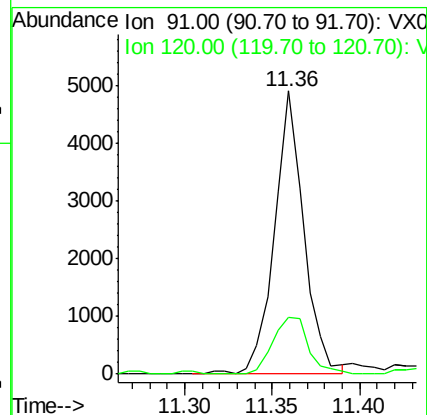
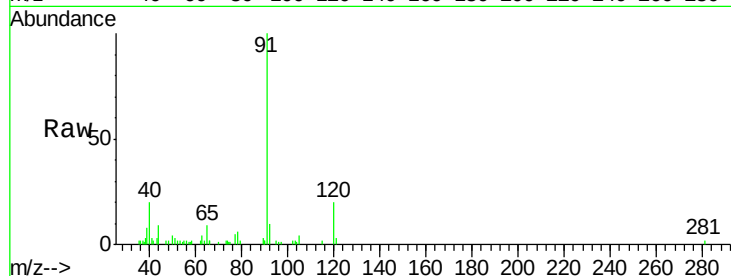
T11-MW-3-8.0-061919

Tot Ion: 91 Resp: 5757

Ion Ratio Lower Upper

91 100

120 24.5 12.4 37.4



#95

Naphthalene

Concen: 1.248 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010359.D

Acq: 20 Jun 2019 16:01

Tgt Ion: 128 Resp: 16836

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.4

129 13.8 8.9 13.3#

