

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002336.D
 Acq On : 06 Jun 2018 05:44
 Operator : JC/MD
 Sample : J3309-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5R

Quant Time: Jun 06 08:06:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	320011	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	162638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	155467	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
35) Dibromofluoromethane	5.51	113	111737	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	
50) Toluene-d8	8.72	98	456727	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
62) 4-Bromofluorobenzene	11.14	95	160960	43.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.54%	

Target Compounds

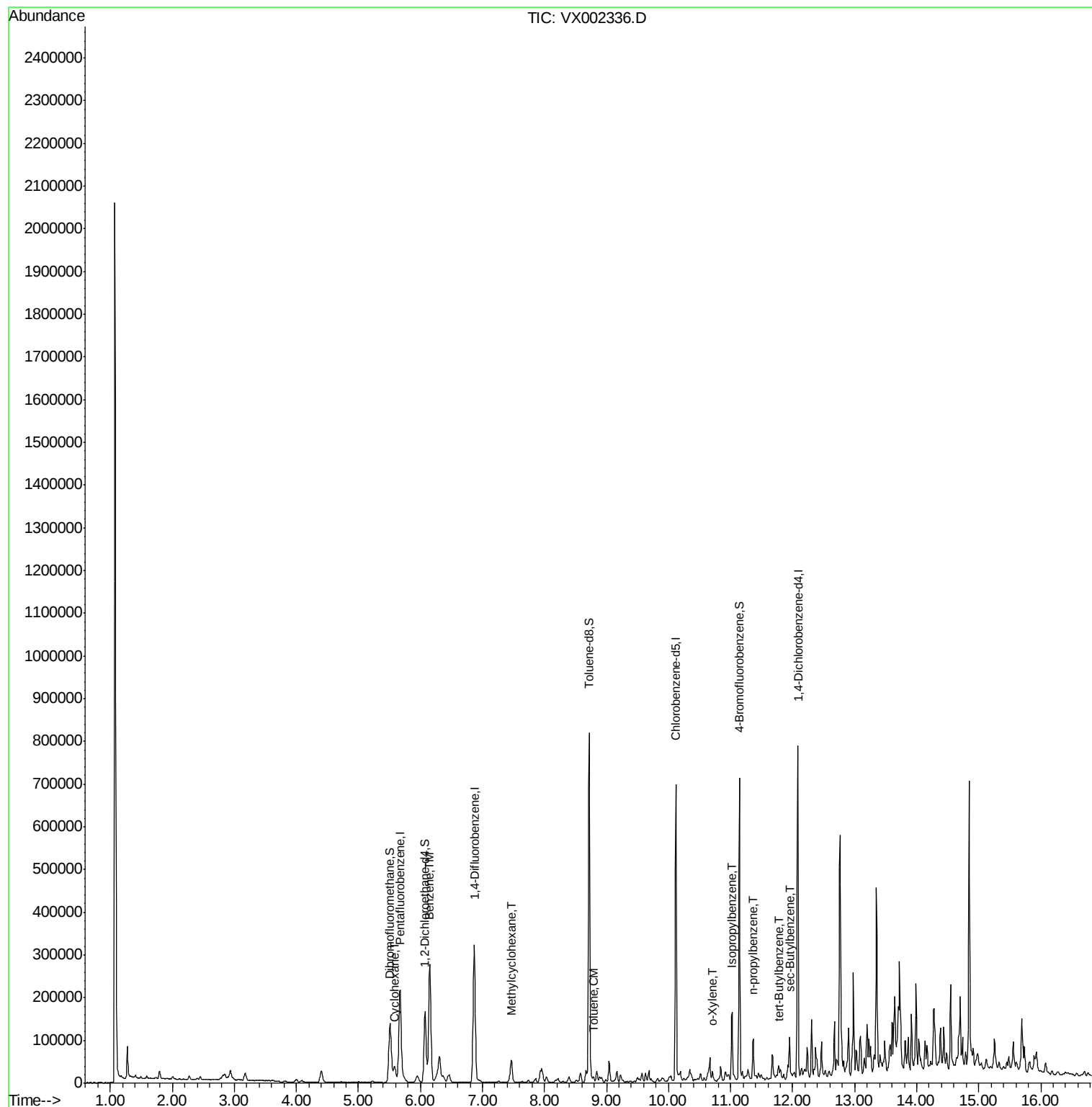
						Qvalue
31) Cyclohexane	5.58	56	24391	6.346	ug/l	97
39) Methylcyclohexane	7.47	83	19624	4.959	ug/l	95
40) Benzene	6.15	78	318342	30.861	ug/l	99
52) Toluene	8.79	92	3527	0.538	ug/l	94
69) o-Xylene	10.70	106	4175	0.880	ug/l	92
73) Isopropylbenzene	11.02	105	79609	7.036	ug/l	100
78) n-propylbenzene	11.37	91	54027	4.296	ug/l	99
83) tert-Butylbenzene	11.77	119	9888	1.046	ug/l	97
85) sec-Butylbenzene	11.95	105	43660	3.941	ug/l	84

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

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MW-5R

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampled :

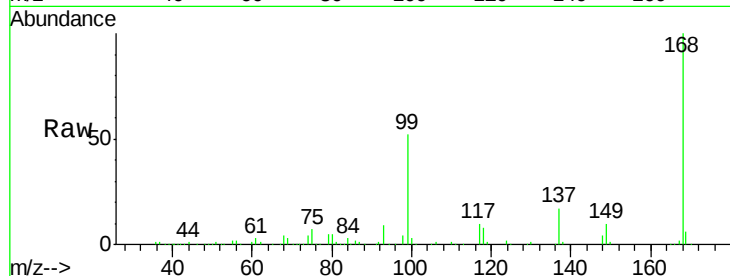
MW-5R

Tot Ion:168 Resp: 212858

Ion Ratio Lower Upper

168 100

99 52.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

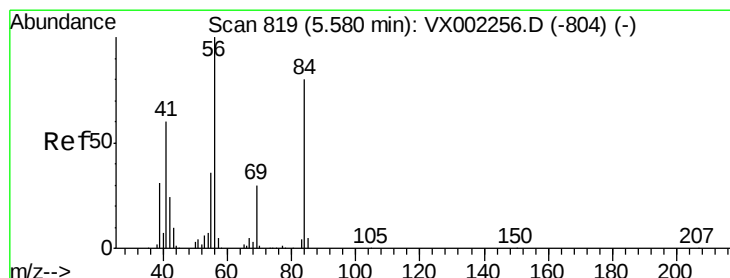
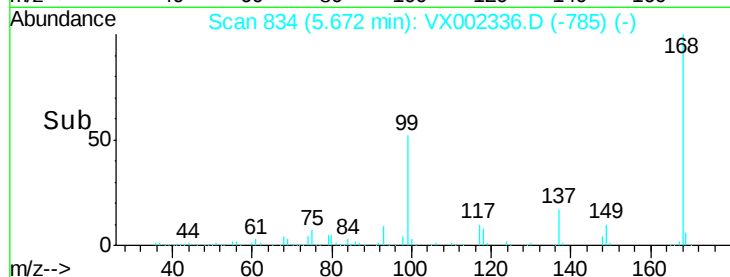
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 6.346 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

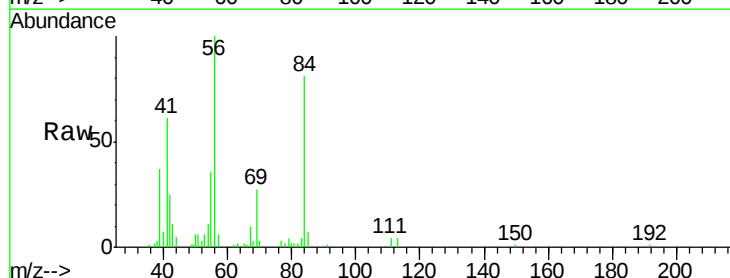
Tgt Ion: 56 Resp: 24391

Ion Ratio Lower Upper

56 100

69 24.8 23.7 35.5

84 81.2 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

10000

8000

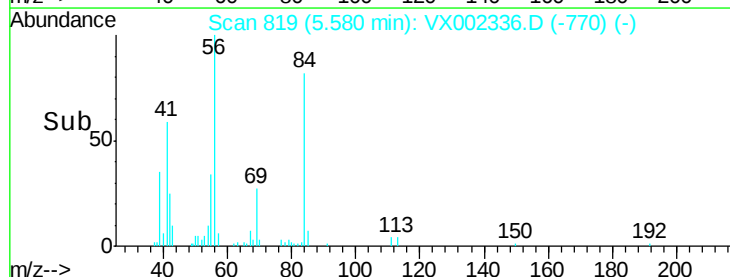
6000

4000

2000

0

Time--> 5.45 5.50 5.55 5.60 5.65

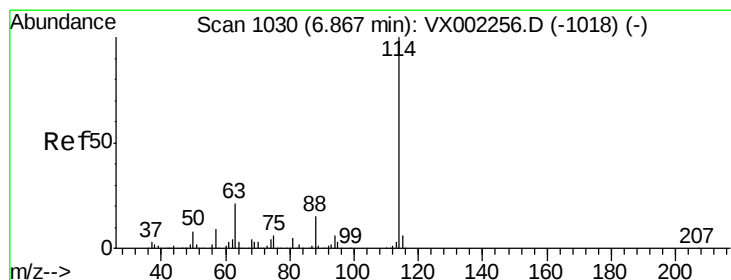
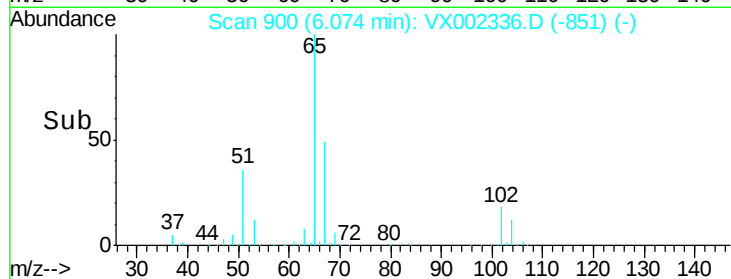
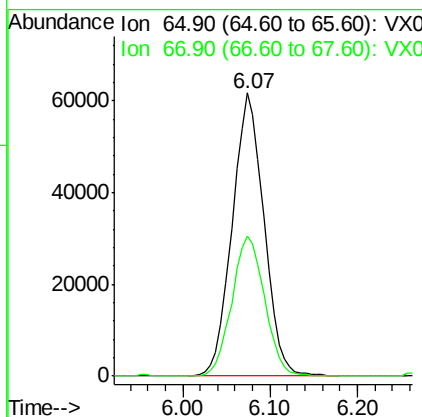
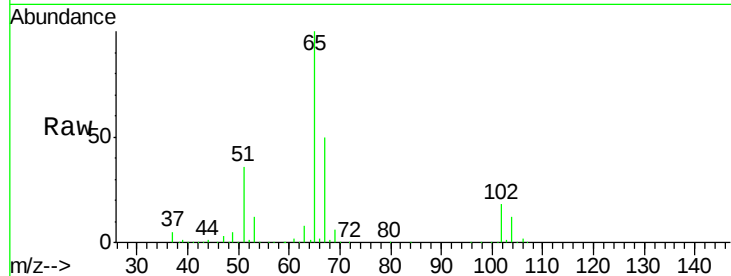




#33
 1,2-Dichloroethane-d4
 Concen: 51.155 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002336.D
 Acq: 06 Jun 2018 05:44

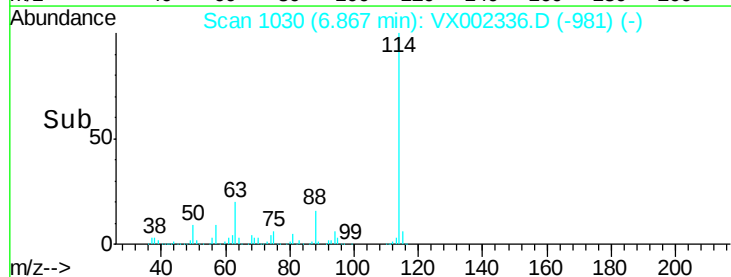
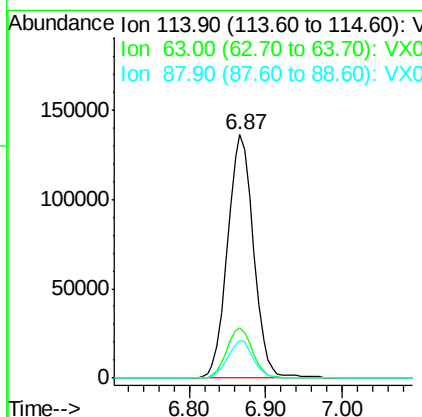
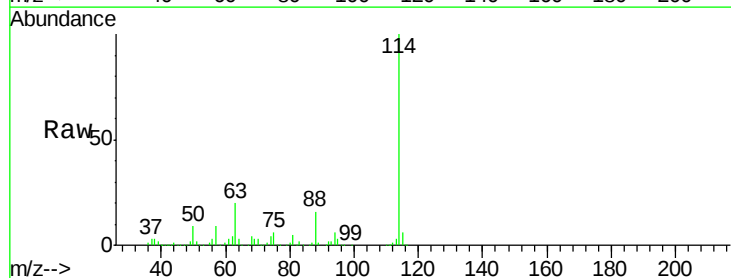
Instrument :
 MSVOA_X
 ClientSampled :
 MW-5R

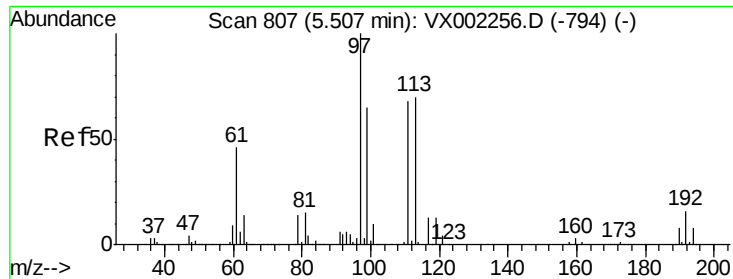
Tot Ion: 65 Resp: 155467
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002336.D
 Acq: 06 Jun 2018 05:44

Tgt Ion: 114 Resp: 320011
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 44.400 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampleId :

MW-5R

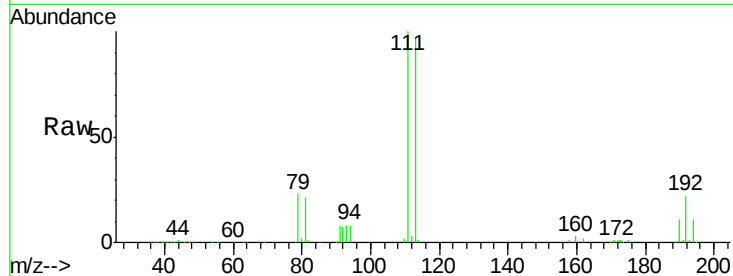
Tot Ion:113 Resp: 111737

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

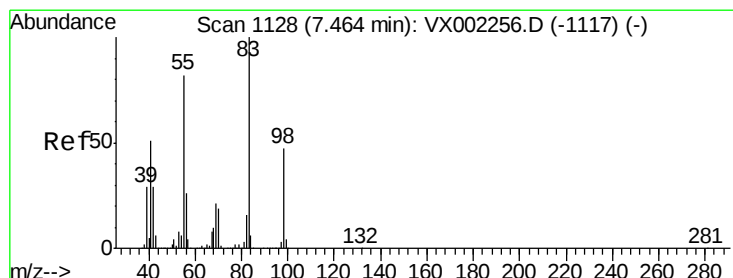
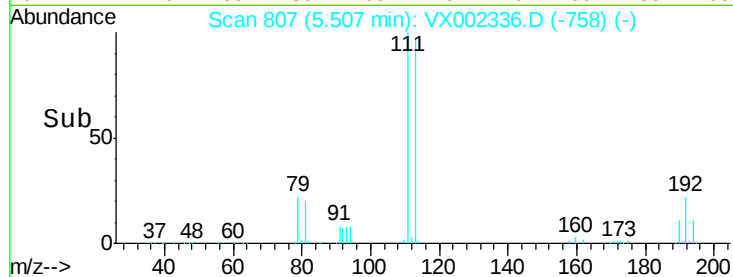
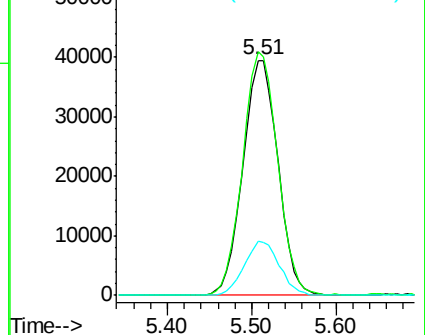
192 23.2 19.1 28.7



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



#39

Methylcyclohexane

Concen: 4.959 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

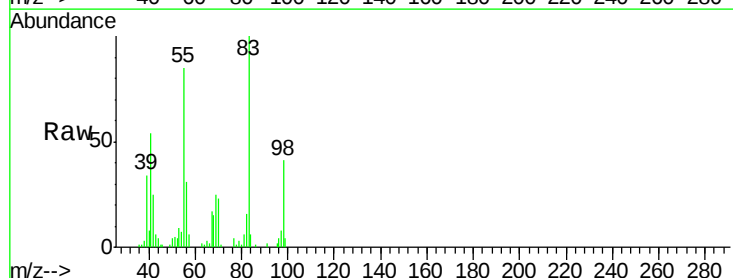
Tgt Ion: 83 Resp: 19624

Ion Ratio Lower Upper

83 100

55 83.8 65.4 98.0

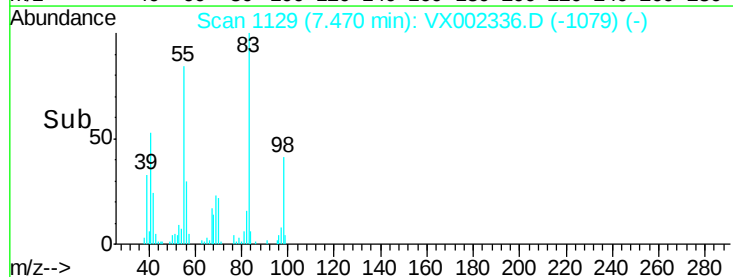
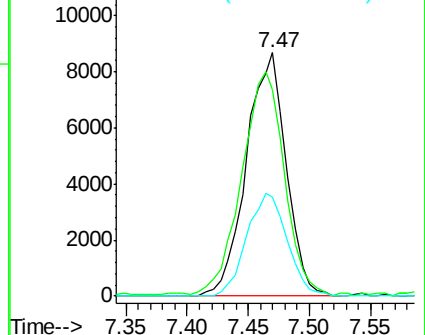
98 40.7 37.4 56.0

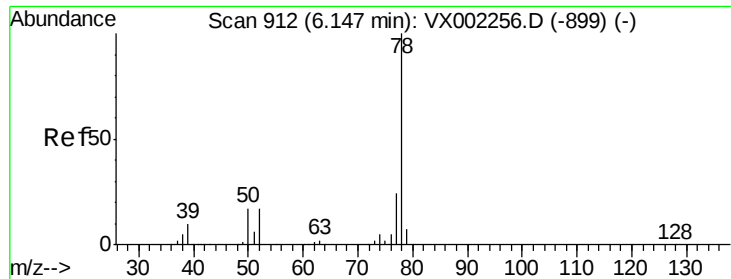


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 30.861 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampleId :

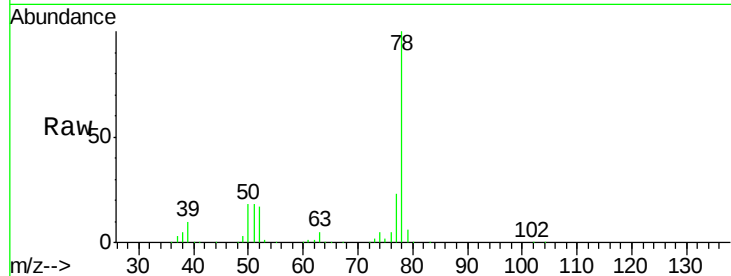
MW-5R

Tot Ion: 78 Resp: 318342

Ion Ratio Lower Upper

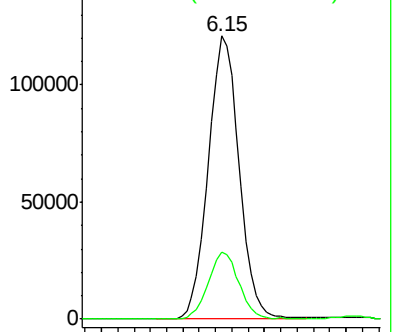
78 100

77 23.5 19.1 28.7

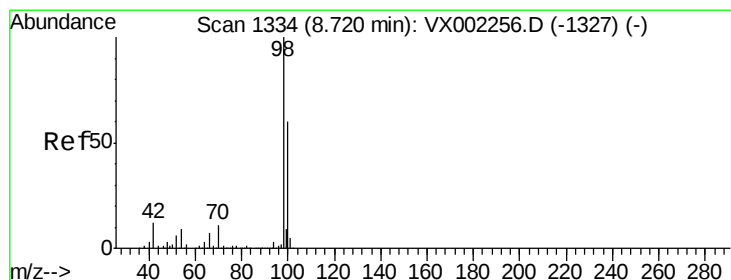
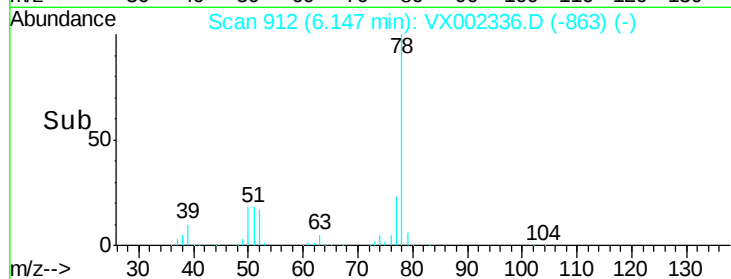


Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#50

Toluene-d8

Concen: 47.349 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002336.D

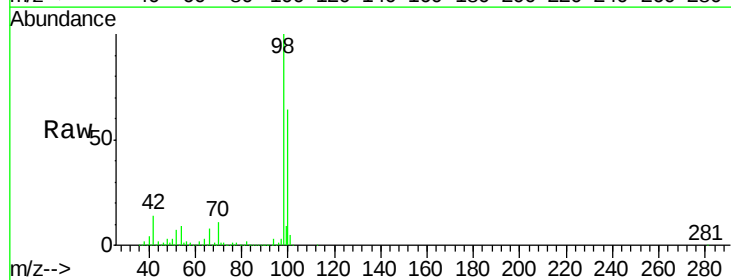
Acq: 06 Jun 2018 05:44

Tgt Ion: 98 Resp: 456727

Ion Ratio Lower Upper

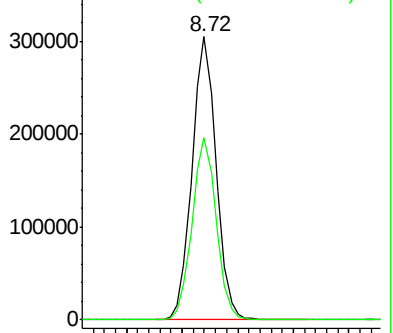
98 100

100 64.6 50.9 76.3

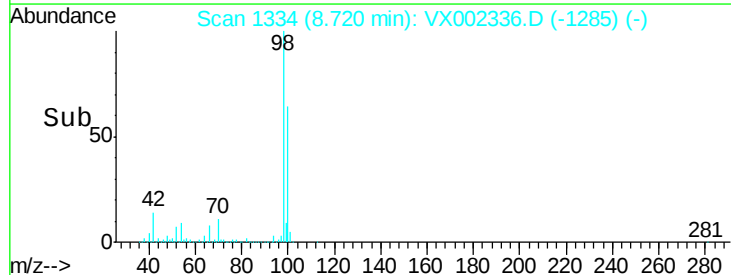


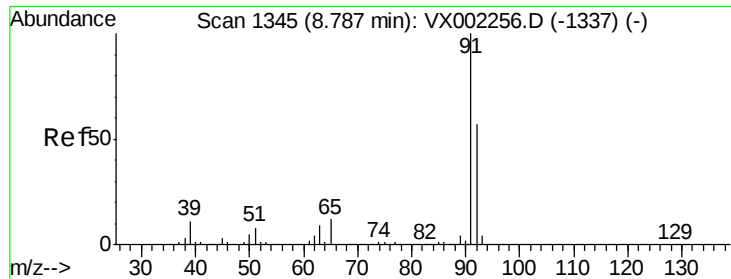
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->





#52

Toluene

Concen: 0.538 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampleId :

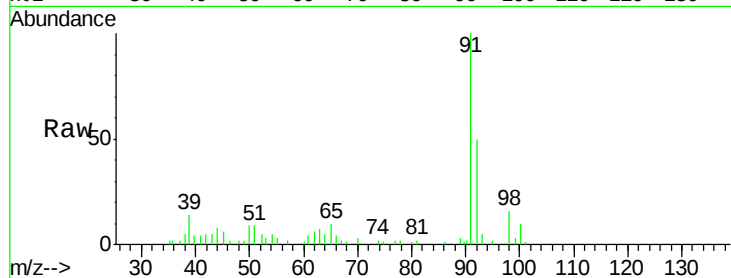
MW-5R

Tot Ion: 92 Resp: 3527

Ion Ratio Lower Upper

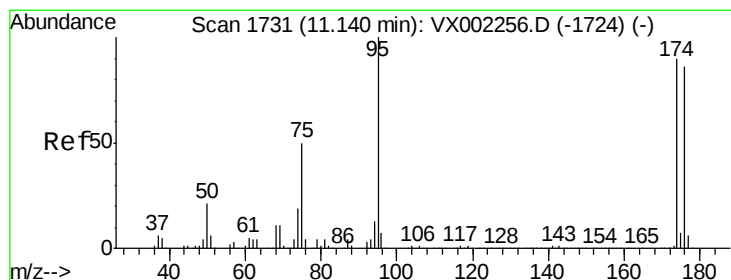
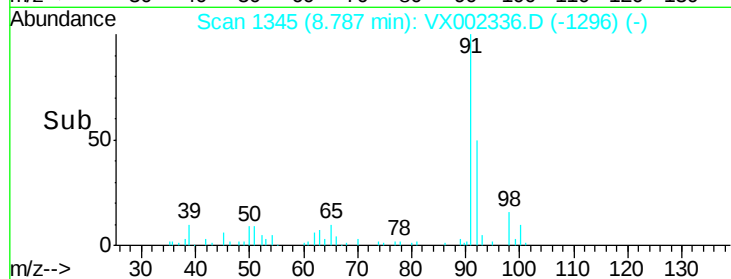
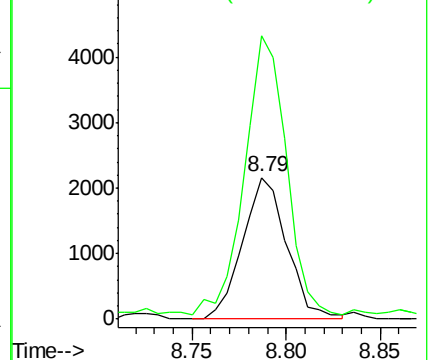
92 100

91 184.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 43.273 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

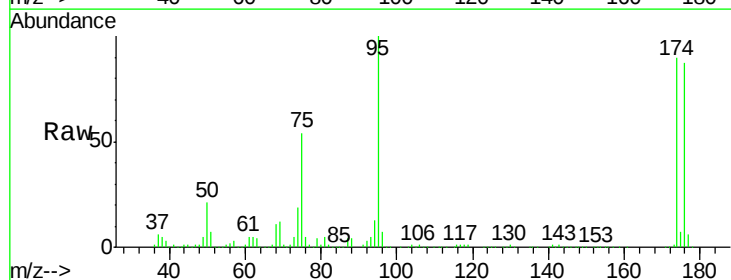
Tgt Ion: 95 Resp: 160960

Ion Ratio Lower Upper

95 100

174 92.8 0.0 187.4

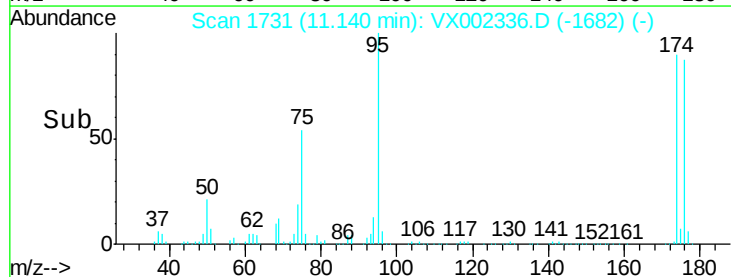
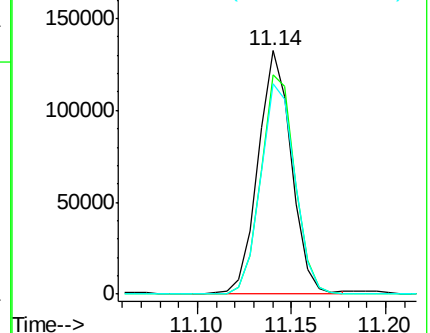
176 89.8 0.0 181.0

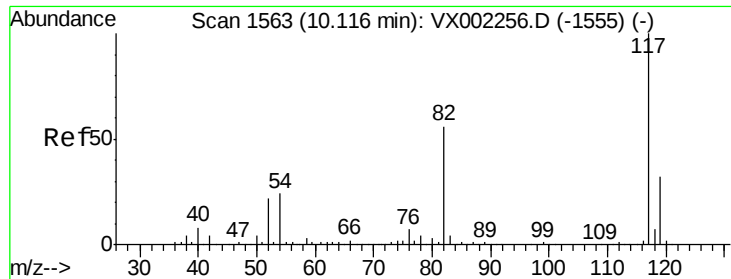


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

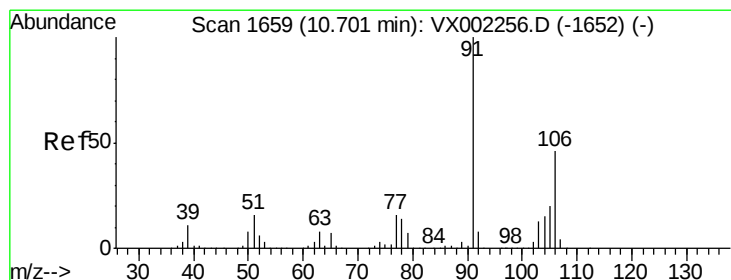
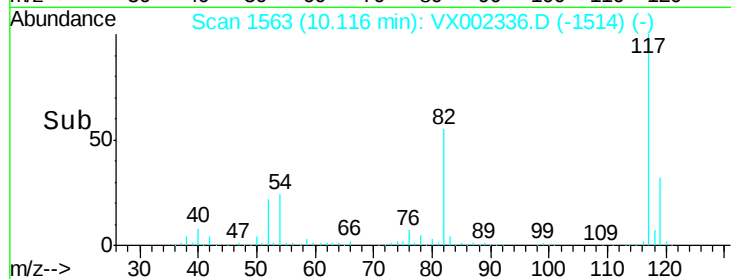
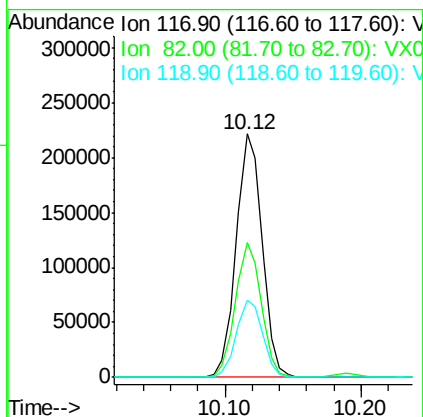
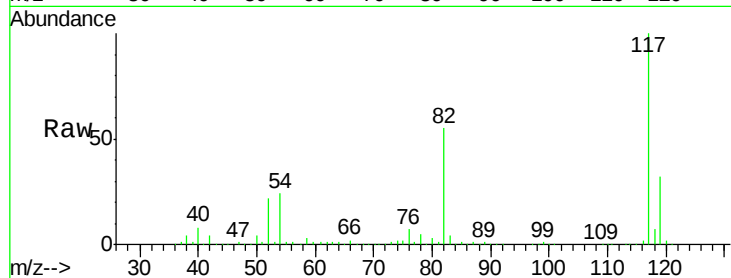




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002336.D
Acq: 06 Jun 2018 05:44

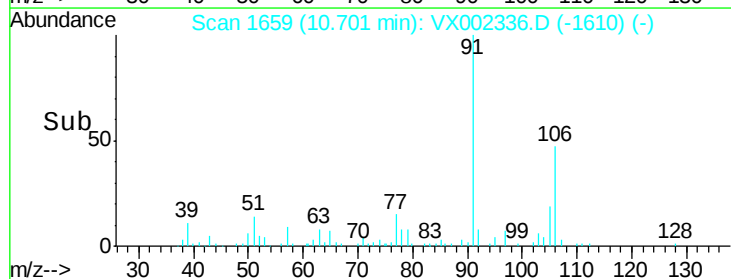
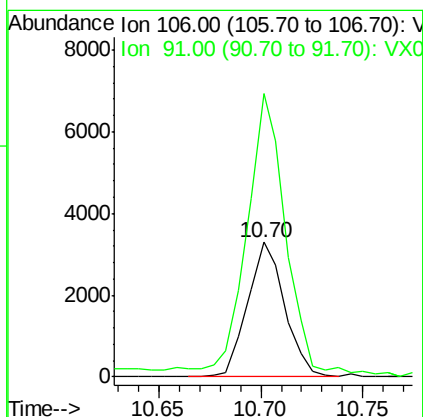
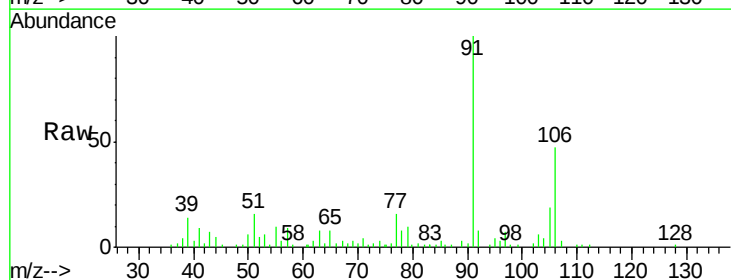
Instrument :
MSVOA_X
ClientSampled :
MW-5R

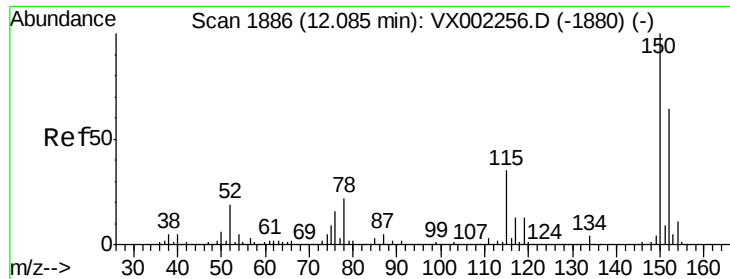
Tot Ion:117 Resp: 294643
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 31.8 25.8 38.6



#69
o-Xylene
Concen: 0.880 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002336.D
Acq: 06 Jun 2018 05:44

Tgt Ion:106 Resp: 4175
Ion Ratio Lower Upper
106 100
91 229.3 108.2 324.6



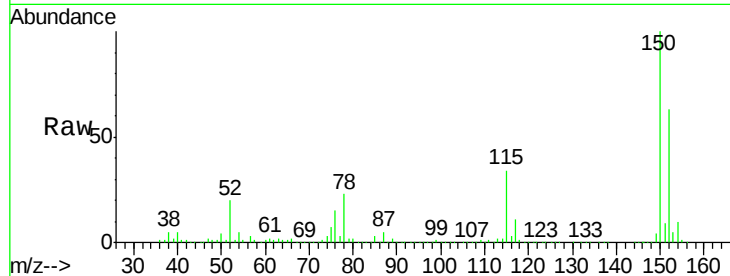


#72

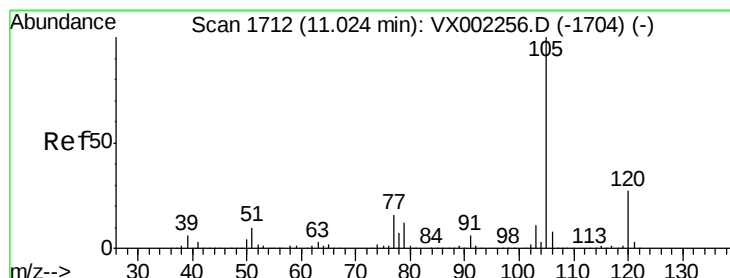
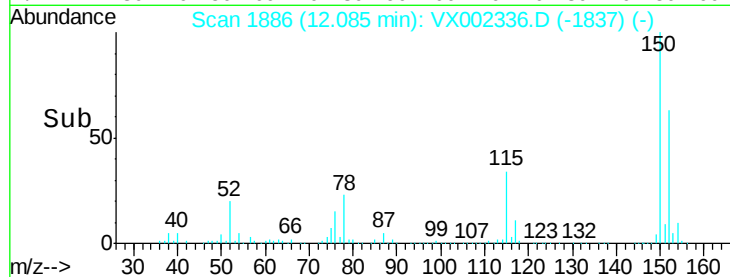
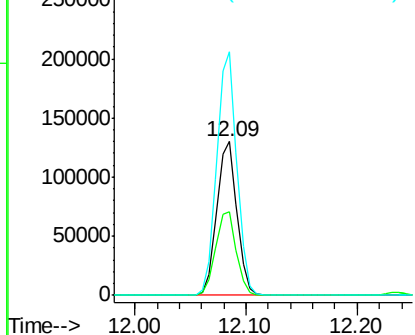
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002336.D
Acq: 06 Jun 2018 05:44

Instrument :
MSVOA_X
ClientSampled :
MW-5R

Tot Ion:152 Resp: 162638
Ion Ratio Lower Upper
152 100
115 56.2 40.1 120.2
150 157.4 0.0 347.2



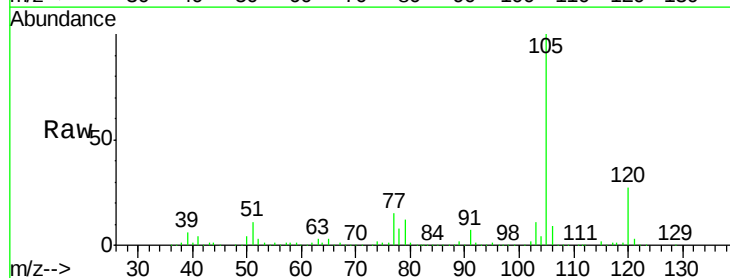
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



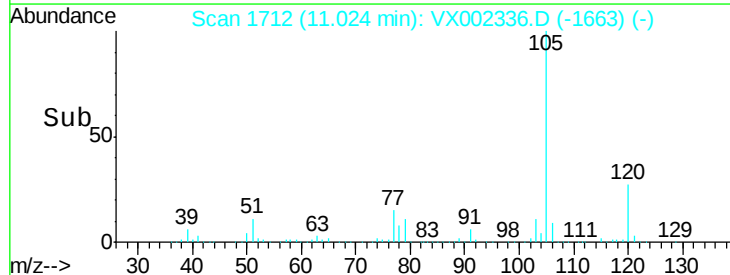
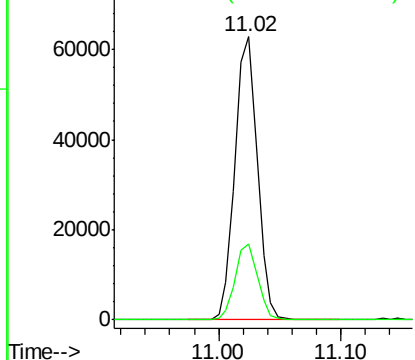
#73

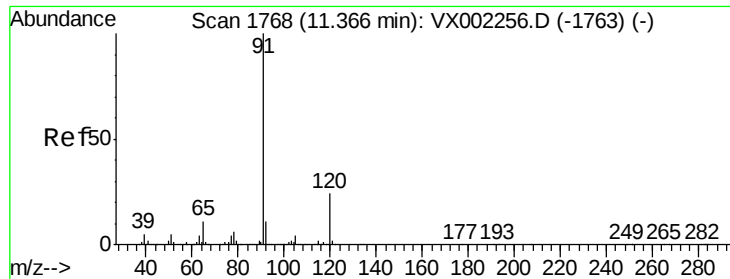
Isopropylbenzene
Concen: 7.036 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002336.D
Acq: 06 Jun 2018 05:44

Tgt Ion:105 Resp: 79609
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

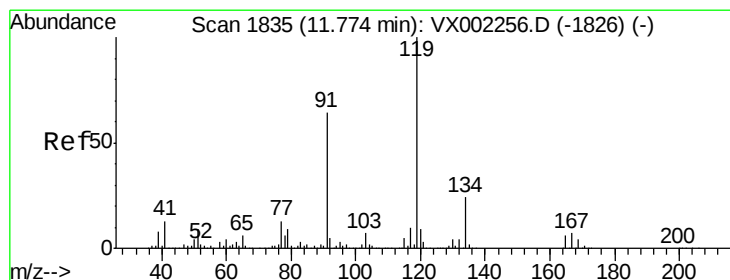
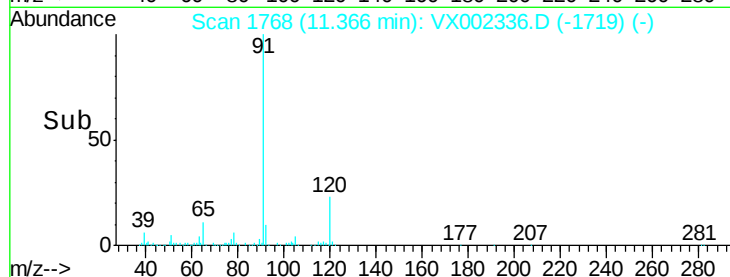
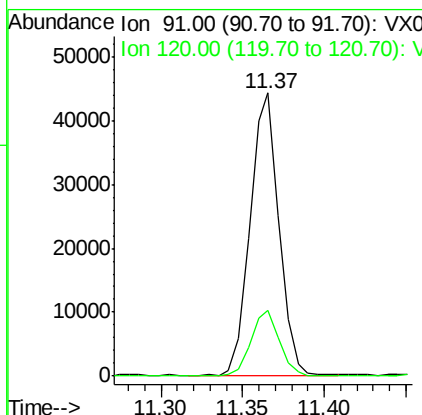
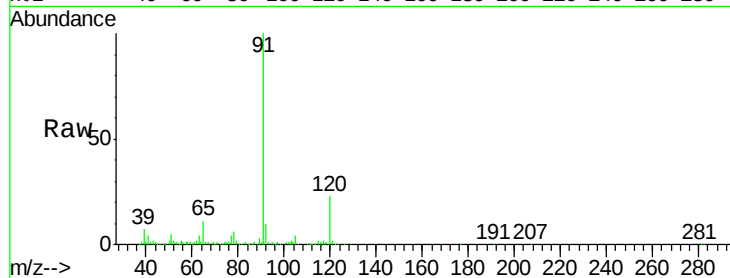




#78
n-propylbenzene
Concen: 4.296 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002336.D
Acq: 06 Jun 2018 05:44

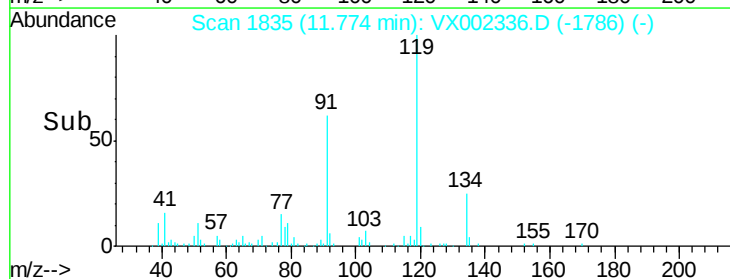
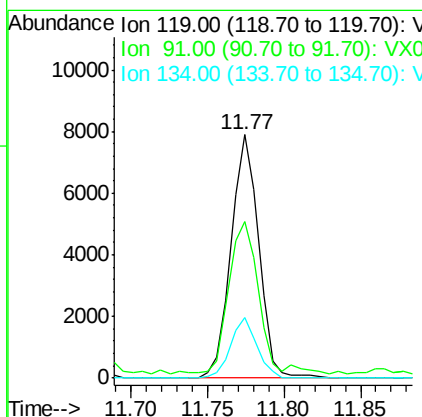
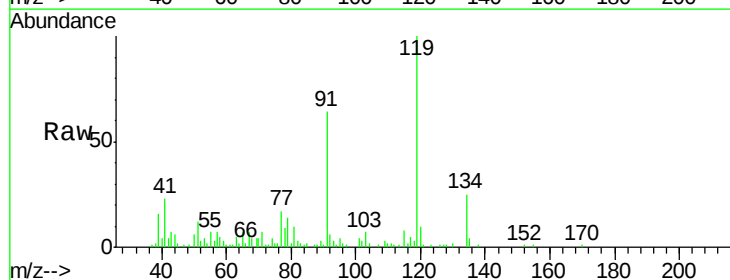
Instrument :
MSVOA_X
ClientSampleId :
MW-5R

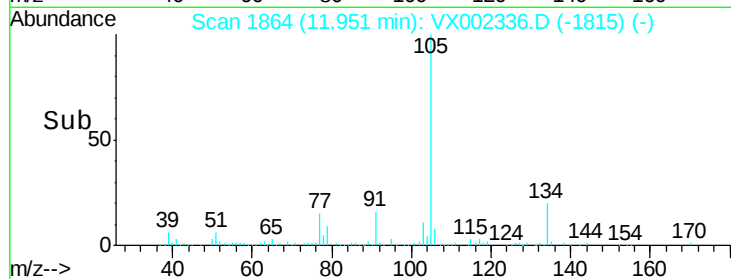
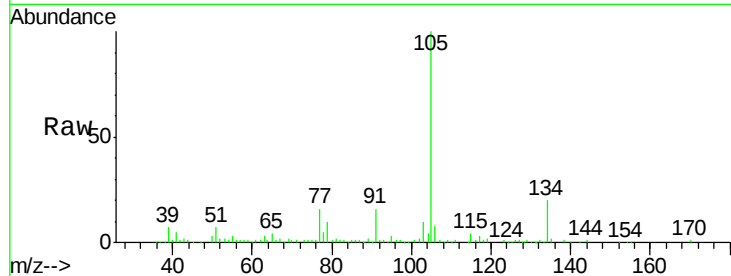
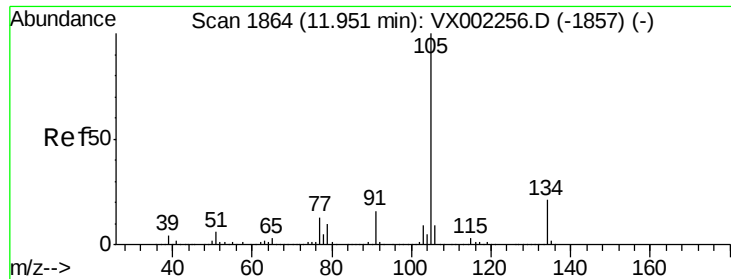
Tot Ion: 91 Resp: 54027
Ion Ratio Lower Upper
91 100
120 23.0 11.8 35.4



#83
tert-Butylbenzene
Concen: 1.046 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002336.D
Acq: 06 Jun 2018 05:44

Tgt Ion: 119 Resp: 9888
Ion Ratio Lower Upper
119 100
91 63.8 30.3 90.9
134 23.6 11.7 35.1





#85

sec-Butylbenzene

Concen: 3.941 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002336.D

Acq: 06 Jun 2018 05:44

Instrument :

MSVOA_X

ClientSampleId :

MW-5R

Tot Ion:105 Resp: 43660

Ion Ratio Lower Upper

105 100

134 28.0 10.4 31.1

