

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX060518\
 Data File : VX002337.D
 Acq On : 06 Jun 2018 06:10
 Operator : JC/MD
 Sample : J3309-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01

Quant Time: Jun 06 08:10:36 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

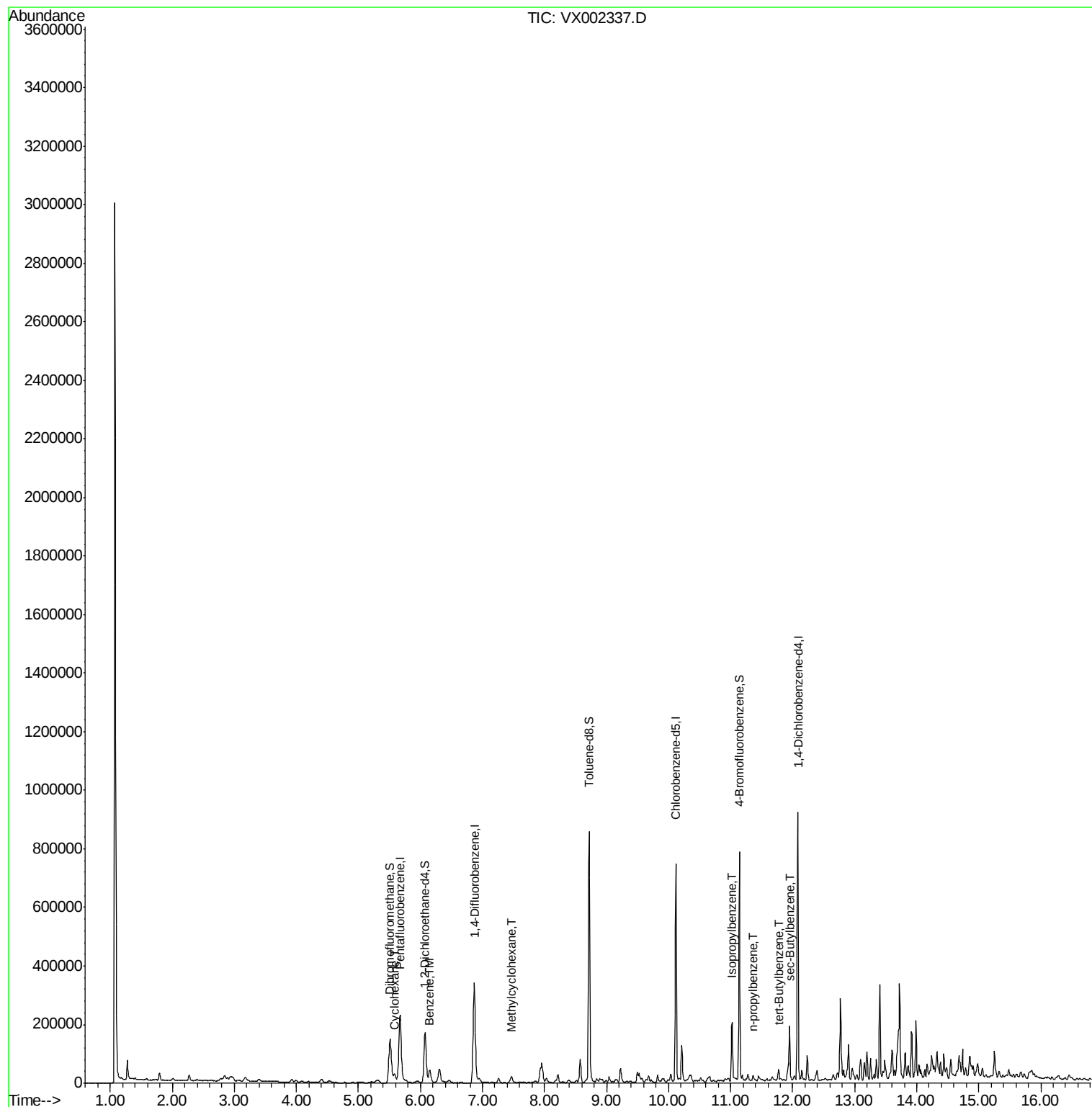
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	337013	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	163524	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
35) Dibromofluoromethane	5.51	113	118750	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
50) Toluene-d8	8.72	98	489552	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.14	95	177848	45.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.80%	
Target Compounds						
31) Cyclohexane	5.57	56	19333	4.756	ug/l	95
39) Methylcyclohexane	7.46	83	6882	1.827	ug/l #	86
40) Benzene	6.15	78	48479	4.463	ug/l	97
73) Isopropylbenzene	11.02	105	103115	7.712	ug/l	100
78) n-propylbenzene	11.37	91	9727	0.655	ug/l	100
83) tert-Butylbenzene	11.77	119	12937	1.158	ug/l	92
85) sec-Butylbenzene	11.95	105	91943	7.023	ug/l	85

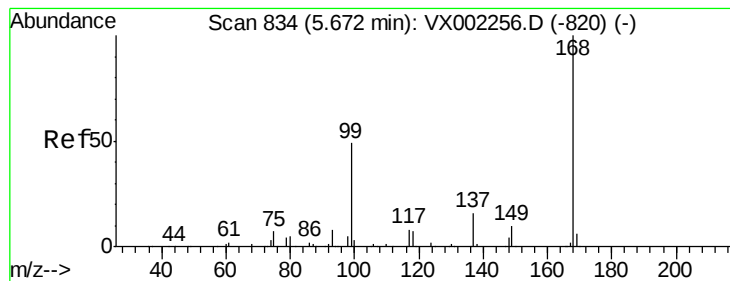
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX002337.D

Acq: 06 Jun 2018 06:10

Instrument :

MSVOA_X

ClientSampled :

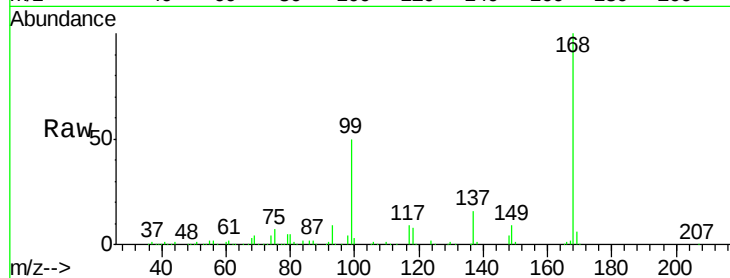
MW-01

Tot Ion:168 Resp: 225130

Ion Ratio Lower Upper

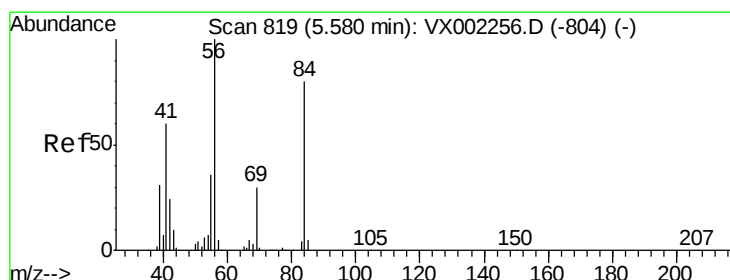
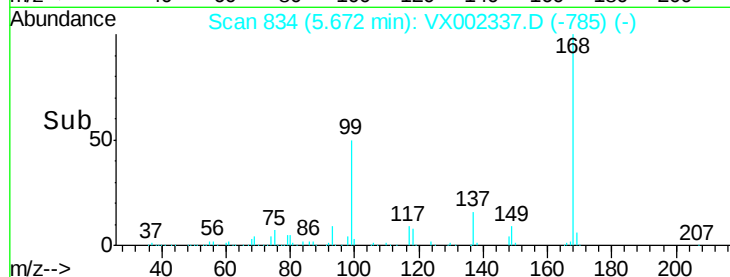
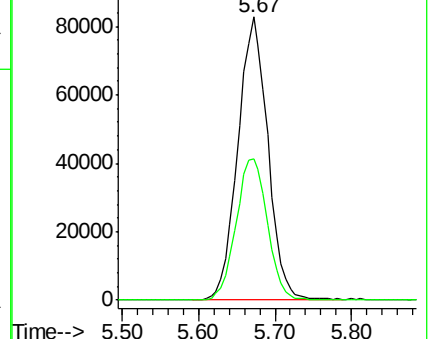
168 100

99 49.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 4.756 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

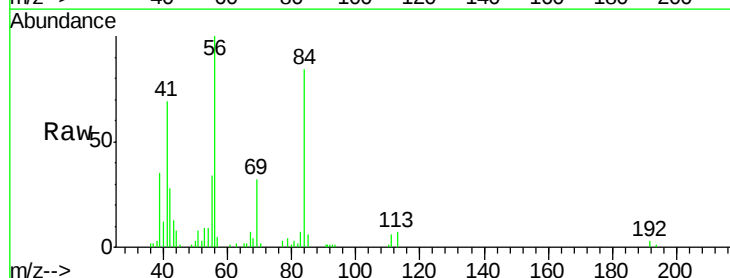
Tgt Ion: 56 Resp: 19333

Ion Ratio Lower Upper

56 100

69 28.0 23.7 35.5

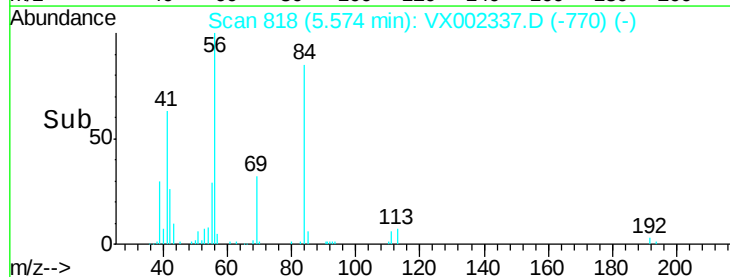
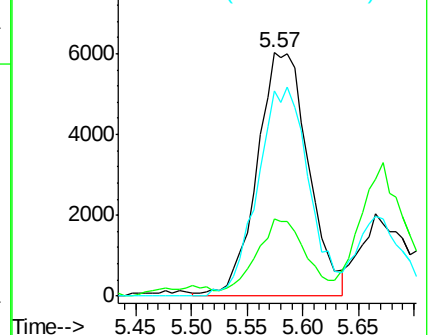
84 85.0 64.1 96.1

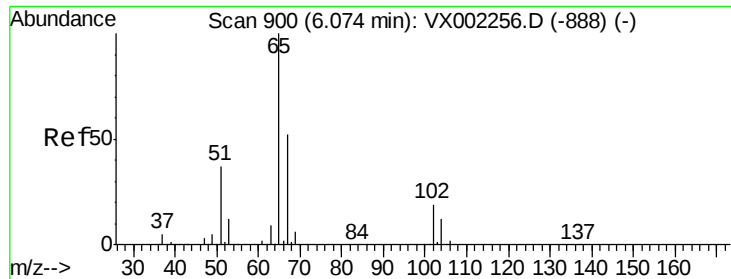


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

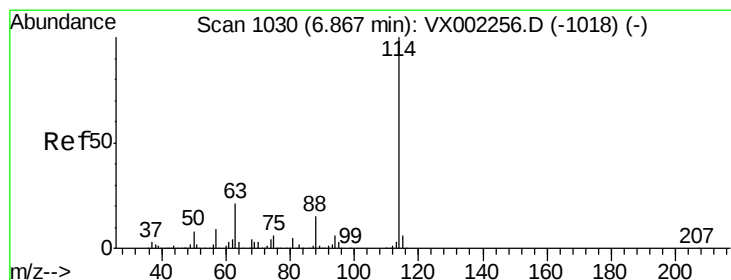
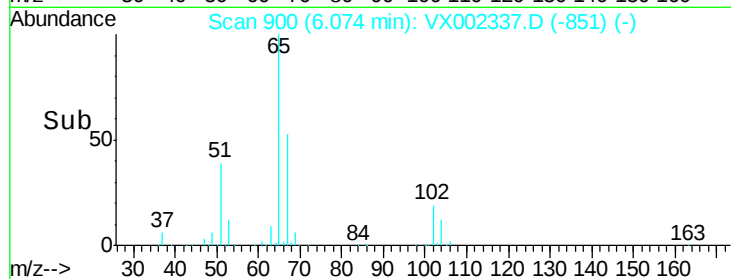
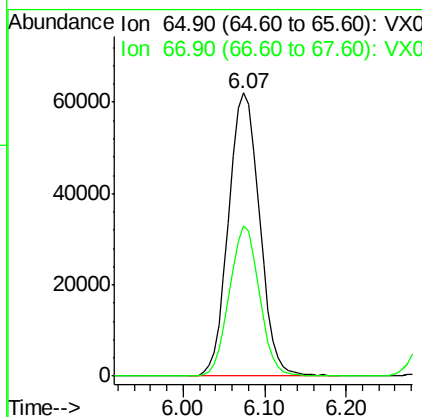
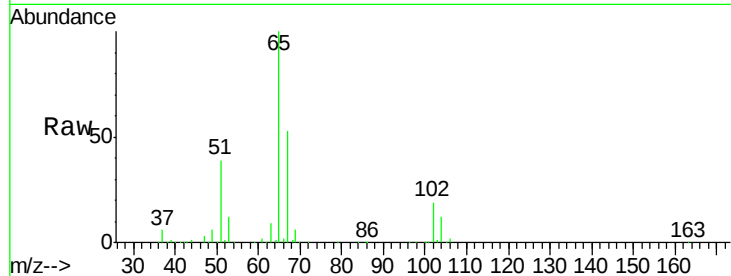




#33
 1,2-Dichloroethane-d4
 Concen: 50.853 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002337.D
 Acq: 06 Jun 2018 06:10

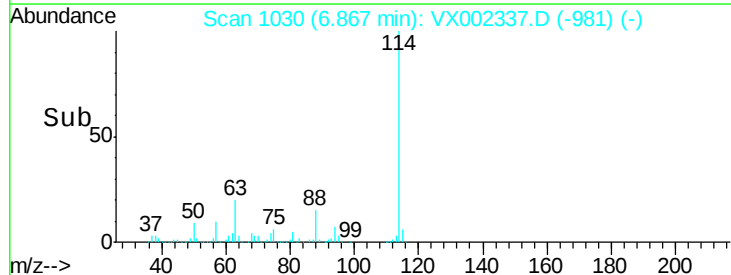
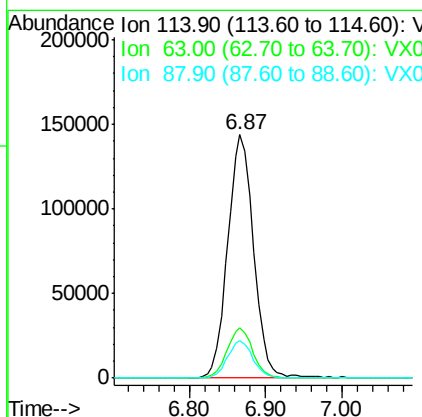
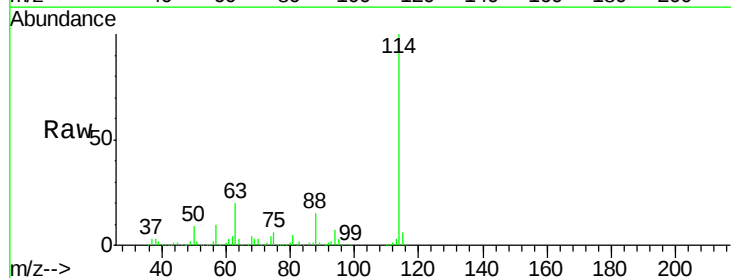
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01

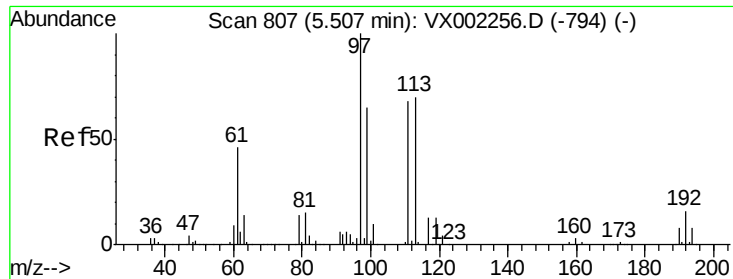
Tot Ion: 65 Resp: 163524
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002337.D
 Acq: 06 Jun 2018 06:10

Tgt Ion: 114 Resp: 337013
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.2 0.0 30.0

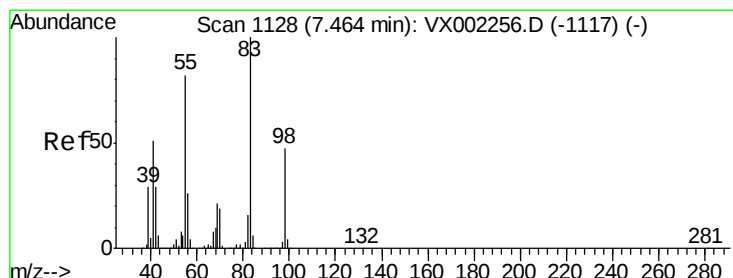
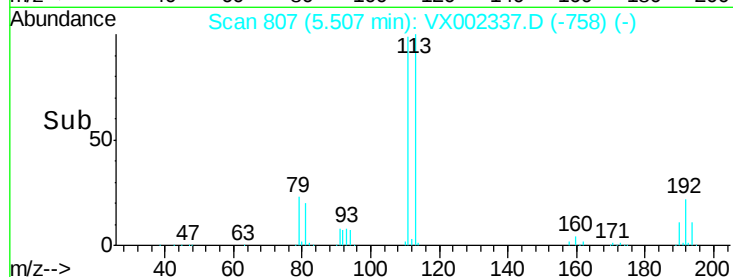
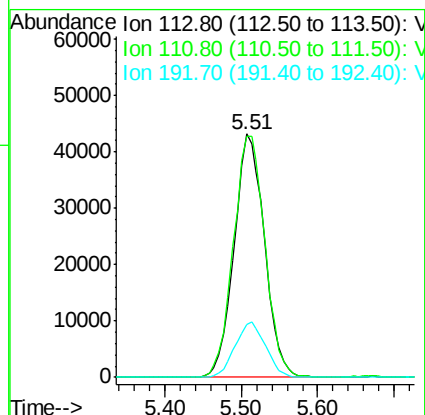
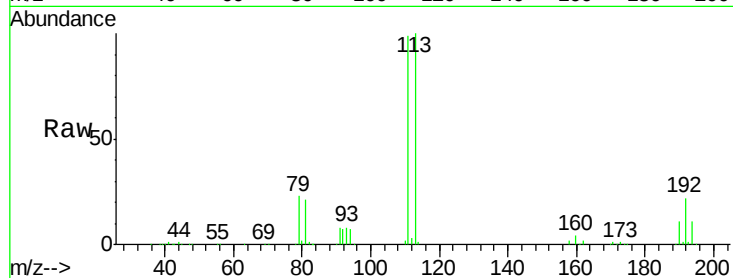




#35
 Dibromofluoromethane
 Concen: 44.806 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002337.D
 Acq: 06 Jun 2018 06:10

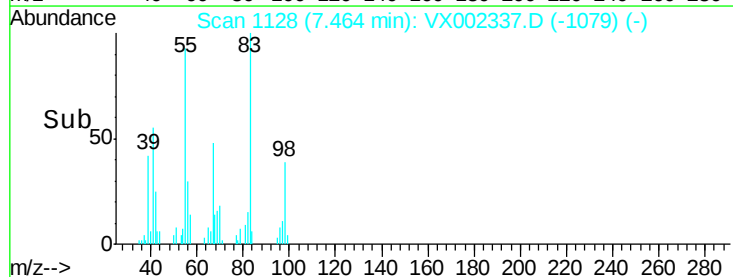
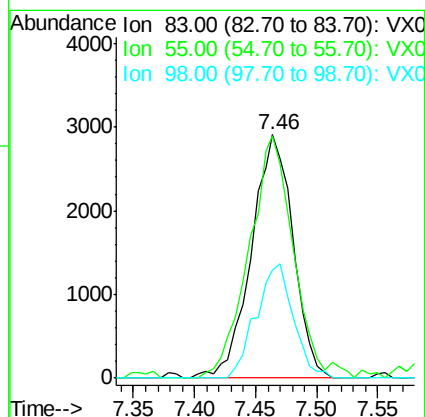
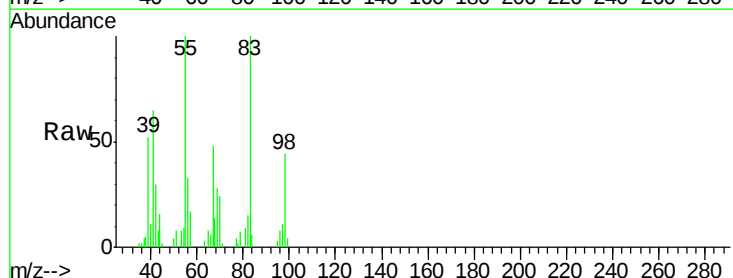
Instrument :
 MSVOA_X
 ClientSampled :
 MW-01

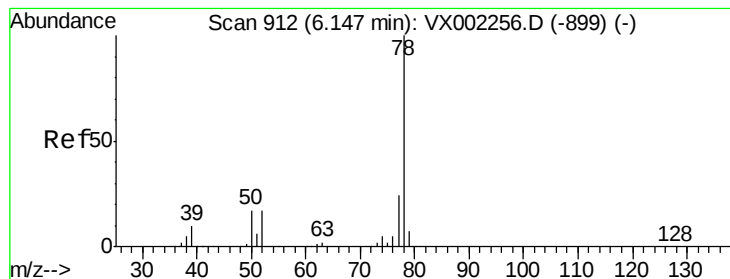
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	23.0	19.1	28.7



#39
 Methylcyclohexane
 Concen: 1.827 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX002337.D
 Acq: 06 Jun 2018 06:10

Tgt Ion	Ratio	Lower	Upper
83	100		
55	99.8	65.4	98.0#
98	44.3	37.4	56.0





#40

Benzene

Concen: 4.463 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

Instrument :

MSVOA_X

ClientSampleId :

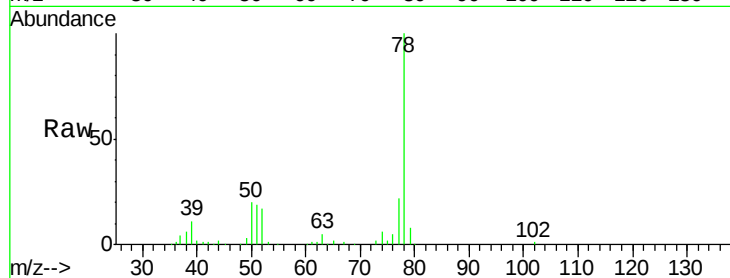
MW-01

Tot Ion: 78 Resp: 48479

Ion Ratio Lower Upper

78 100

77 22.4 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

20000

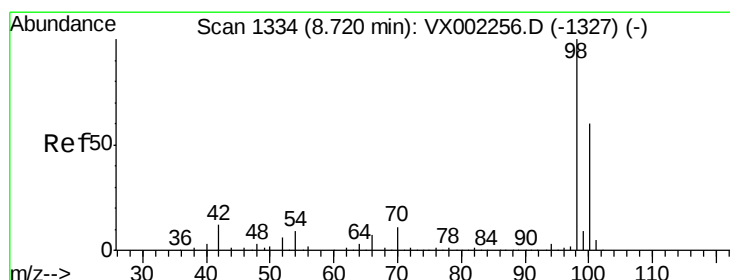
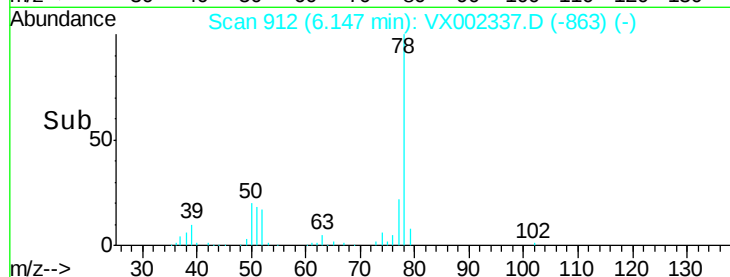
15000

10000

5000

0

Time--> 6.00 6.10 6.20 6.30



#50

Toluene-d8

Concen: 48.192 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002337.D

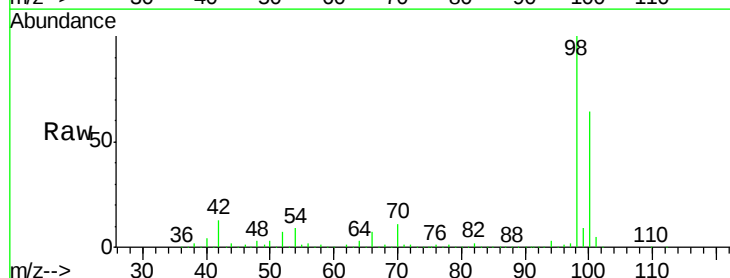
Acq: 06 Jun 2018 06:10

Tgt Ion: 98 Resp: 489552

Ion Ratio Lower Upper

98 100

100 63.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

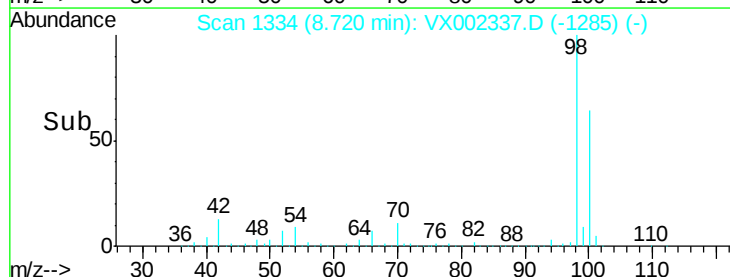
300000

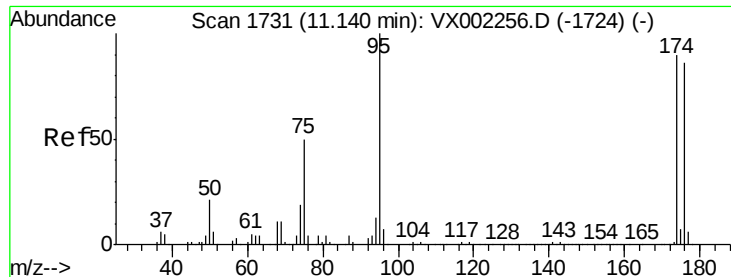
200000

100000

0

Time--> 8.60 8.70 8.80





#62

4-Bromofluorobenzene

Concen: 45.401 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

Instrument :

MSVOA_X

ClientSampleId :

MW-01

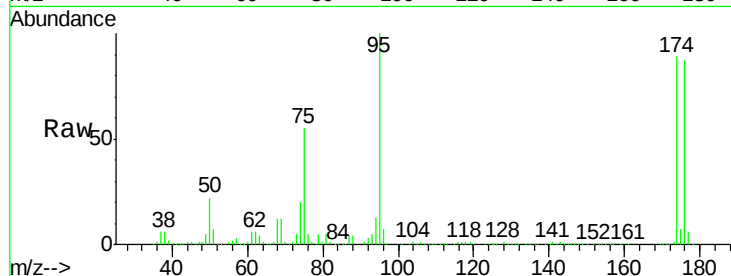
Tot Ion: 95 Resp: 177848

Ion Ratio Lower Upper

95 100

174 93.9 0.0 187.4

176 91.4 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002256.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002256.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002256.D (-1724) (-)

11.14

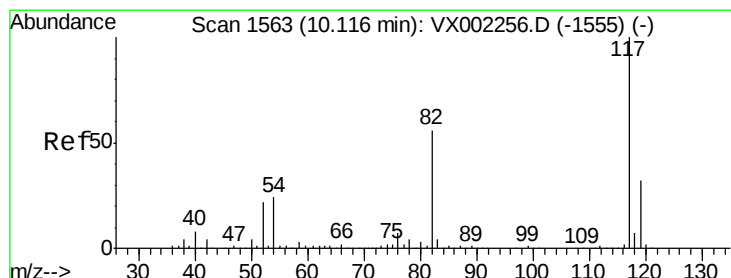
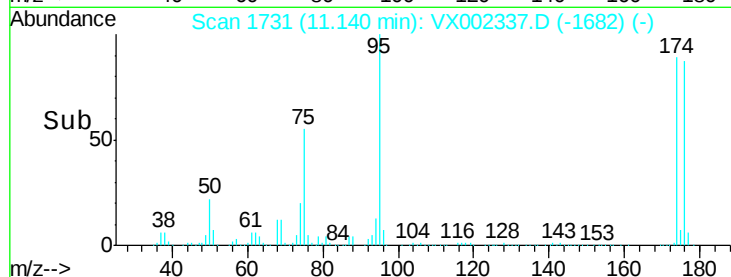
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

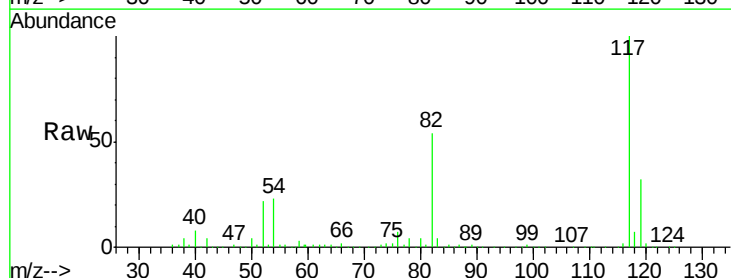
Tgt Ion: 117 Resp: 316290

Ion Ratio Lower Upper

117 100

82 54.1 45.0 67.4

119 31.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX002256.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX002256.D (-1555) (-)

10.12

300000

250000

200000

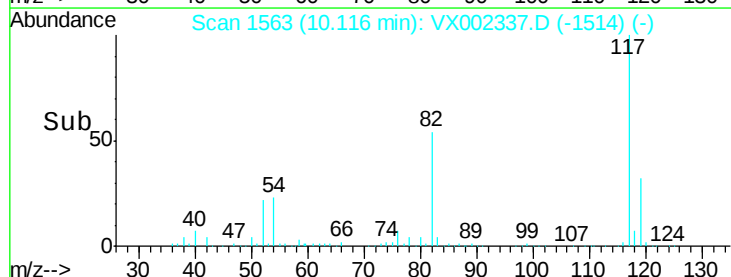
150000

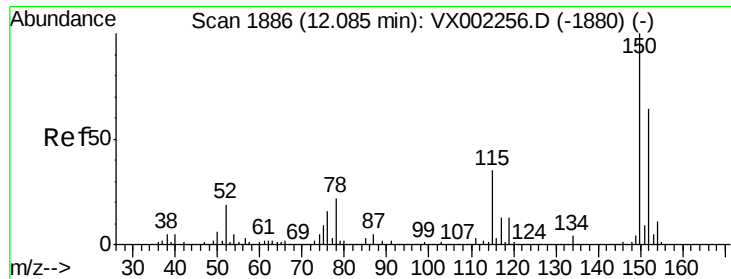
100000

50000

0

Time-->



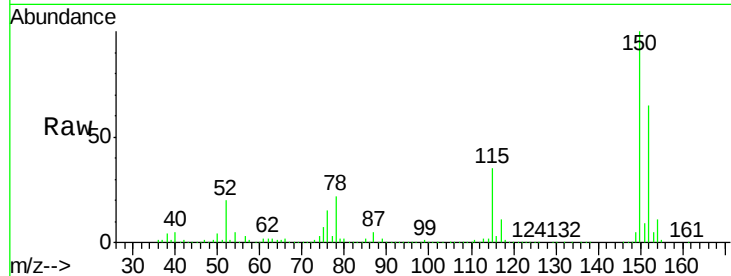


#72

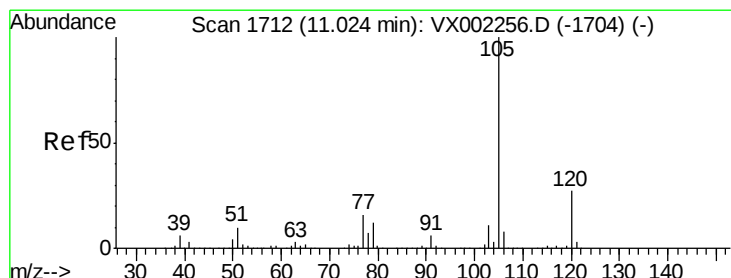
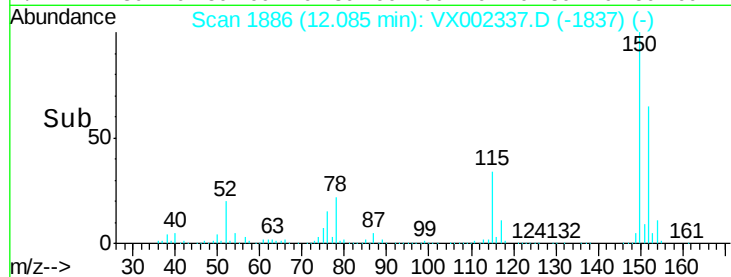
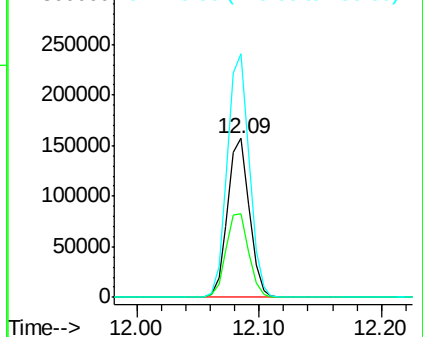
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002337.D
Acq: 06 Jun 2018 06:10

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Tot Ion:152 Resp: 192206
Ion Ratio Lower Upper
152 100
115 55.1 40.1 120.2
150 154.9 0.0 347.2



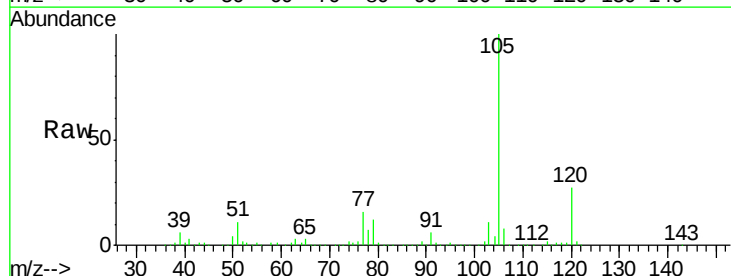
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



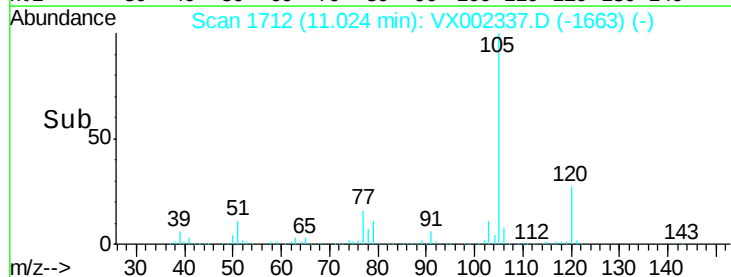
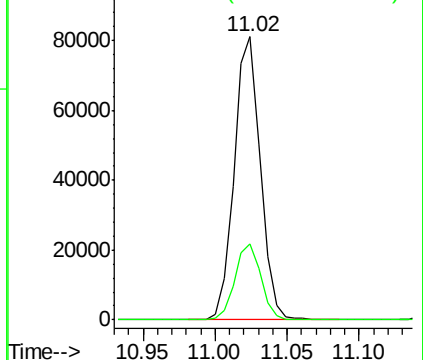
#73

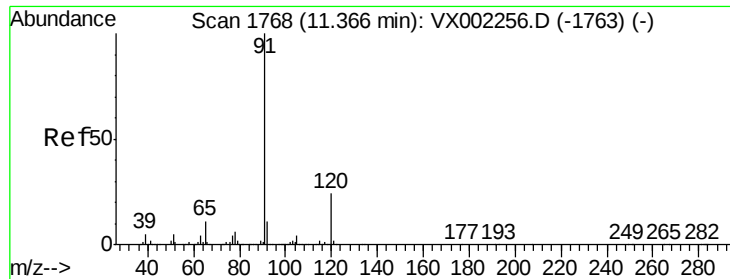
Isopropylbenzene
Concen: 7.712 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002337.D
Acq: 06 Jun 2018 06:10

Tgt Ion:105 Resp: 103115
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



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

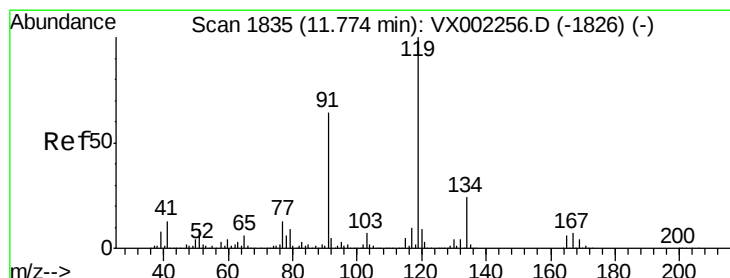
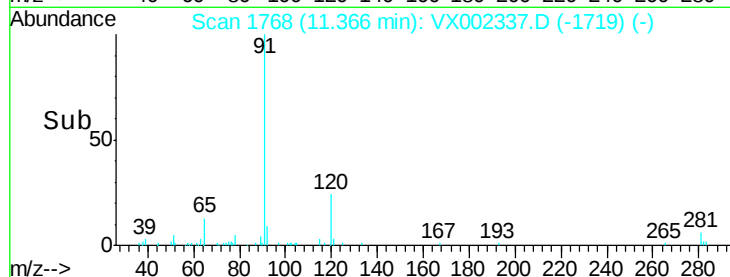
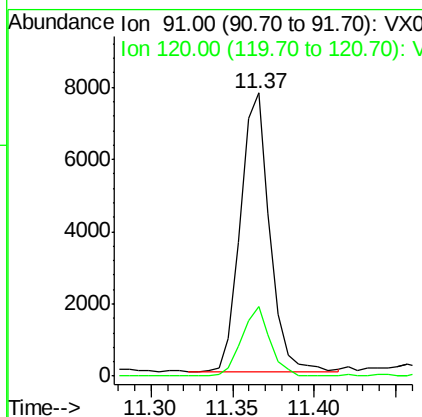
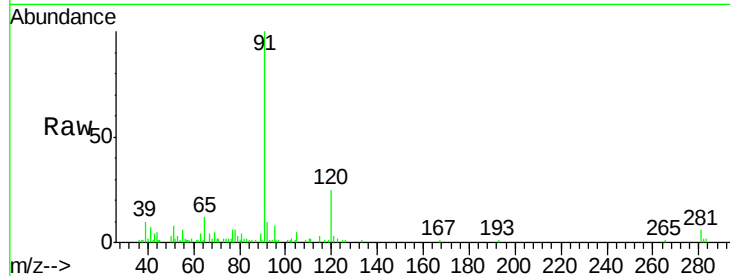




#78
n-propylbenzene
Concen: 0.655 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002337.D
Acq: 06 Jun 2018 06:10

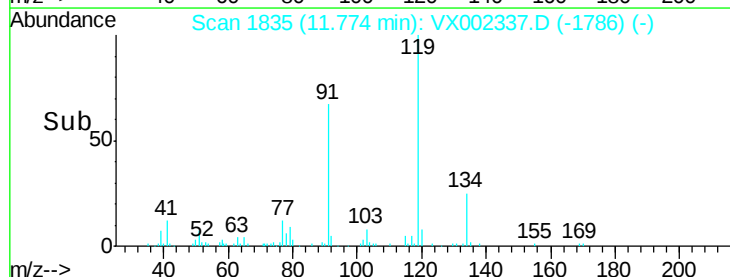
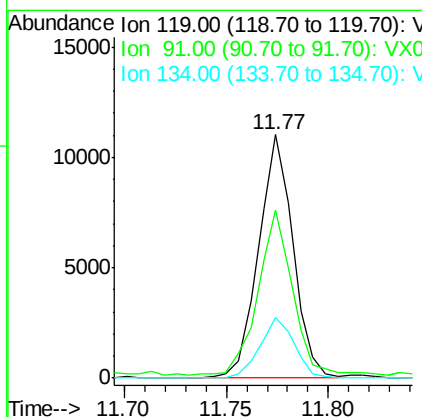
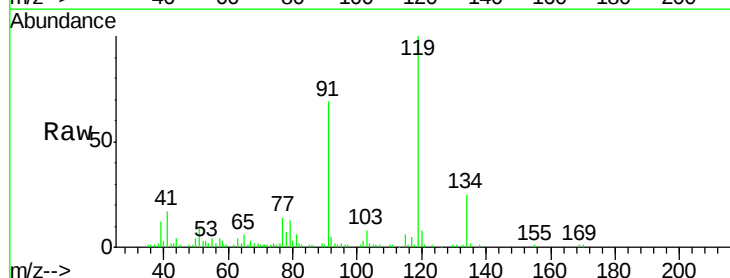
Instrument :
MSVOA_X
ClientSampled :
MW-01

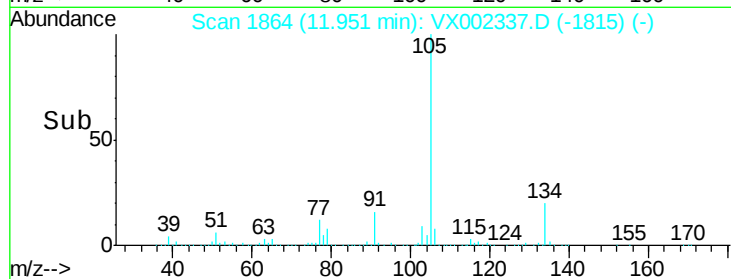
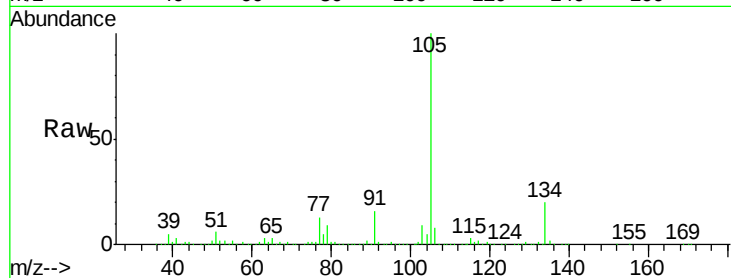
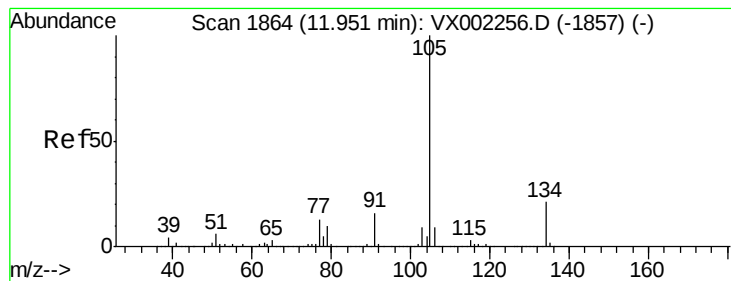
Tot Ion: 91 Resp: 9727
Ion Ratio Lower Upper
91 100
120 23.7 11.8 35.4



#83
tert-Butylbenzene
Concen: 1.158 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002337.D
Acq: 06 Jun 2018 06:10

Tgt Ion: 119 Resp: 12937
Ion Ratio Lower Upper
119 100
91 68.2 30.3 90.9
134 24.9 11.7 35.1





#85

sec-Butylbenzene

Concen: 7.023 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002337.D

Acq: 06 Jun 2018 06:10

Instrument :

MSVOA_X

ClientSampleId :

MW-01

Tot Ion:105 Resp: 91943

Ion Ratio Lower Upper

105 100

134 27.8 10.4 31.1

