

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000623.D
 Acq On : 01 Apr 2018 04:54
 Operator : JC/MD
 Sample : J2132-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Quant Time: Apr 04 07:01:47 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	129177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	221473	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	236974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171993	50.00	ug/l	0.00

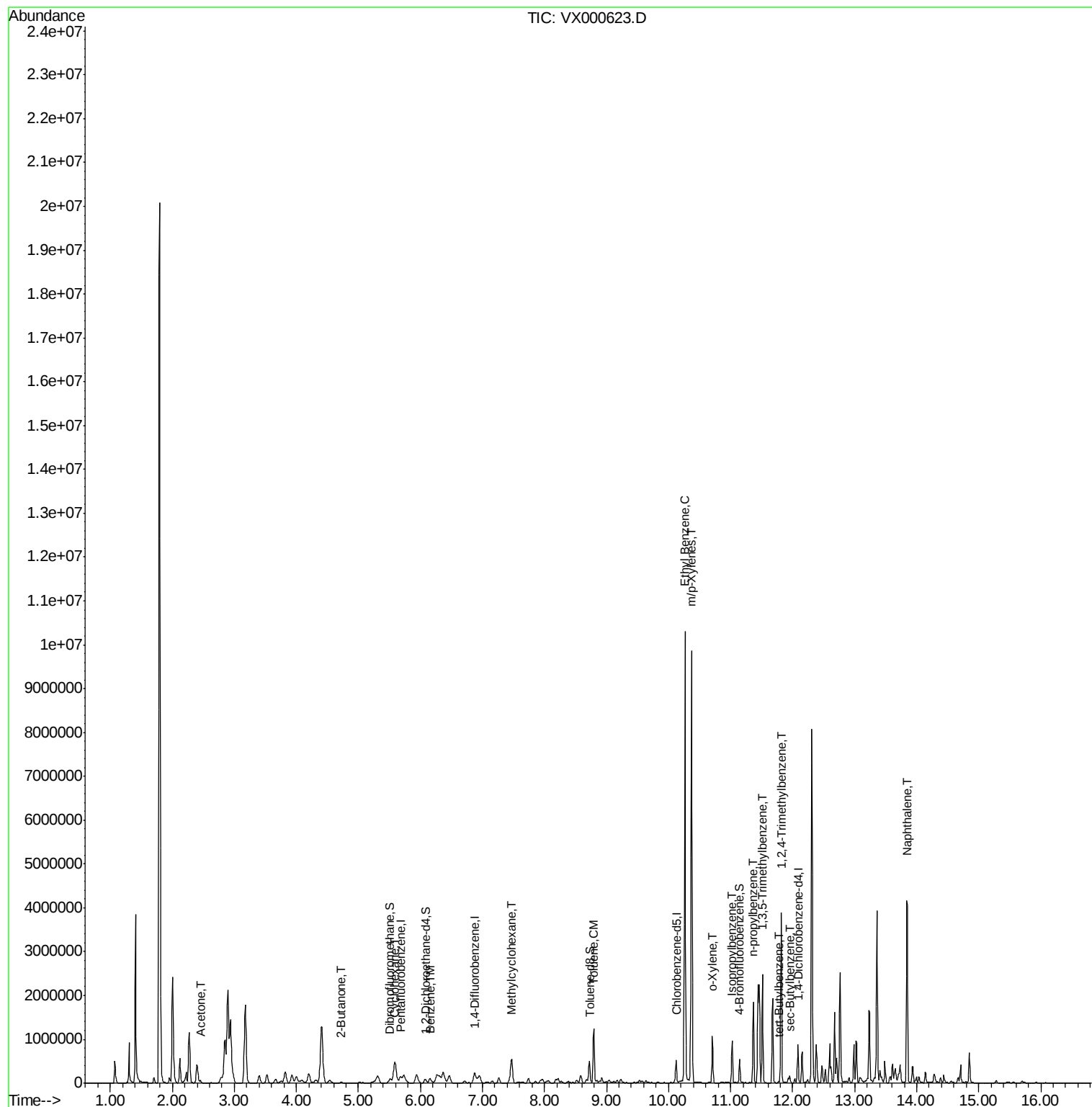
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	84726	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	
35) Dibromofluoromethane	5.51	113	64675	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	
50) Toluene-d8	8.73	98	300701	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	11.15	95	134494	54.43	ug/l	0.00
Spiked Amount			Recovery	=	108.86%	

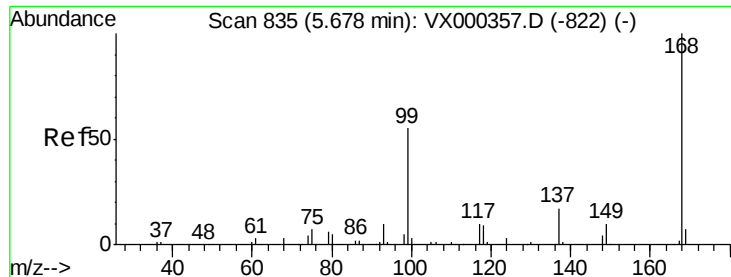
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	59788	42.62	ug/l	99
25) 2-Butanone	4.72	43	32619	20.69	ug/l	95
31) Cyclohexane	5.59	56	314313	147.75	ug/l	94
39) Methylcyclohexane	7.47	83	236068	93.57	ug/l	95
40) Benzene	6.15	78	129747	21.54	ug/l	98
52) Toluene	8.79	92	453386	107.65	ug/l	100
67) Ethyl Benzene	10.26	91	5718191	639.62	ug/l	97
68) m/p-Xylenes	10.37	106	2371818	674.22	ug/l	93
69) o-Xylene	10.71	106	231291	67.90	ug/l	97
73) Isopropylbenzene	11.02	105	494120	43.36	ug/l	100
78) n-propylbenzene	11.37	91	1125727	82.85	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1081565	112.88	ug/l	98
83) tert-Butylbenzene	11.77	119	10443	1.08	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	1662144	165.45	ug/l	97
85) sec-Butylbenzene	11.96	105	84674	7.08	ug/l	100
95) Naphthalene	13.85	128	2710617	192.88	ug/l	100

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

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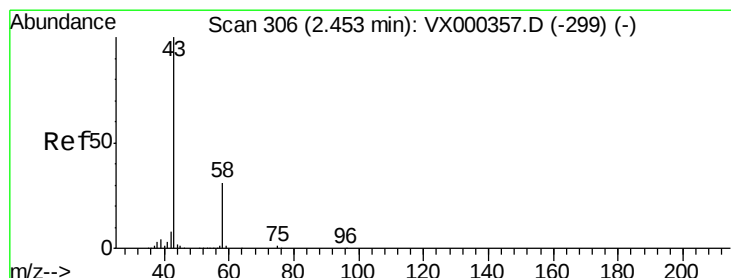
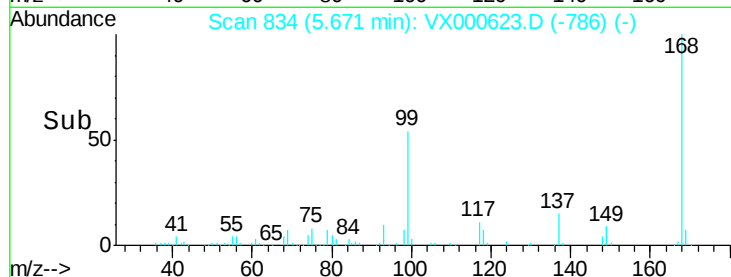
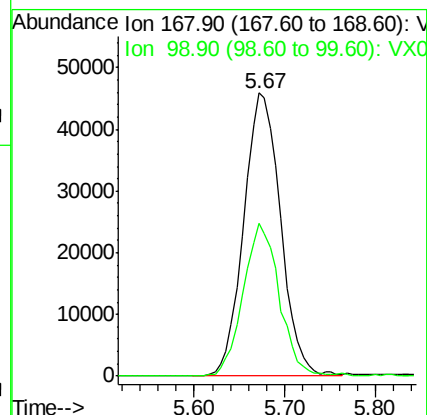
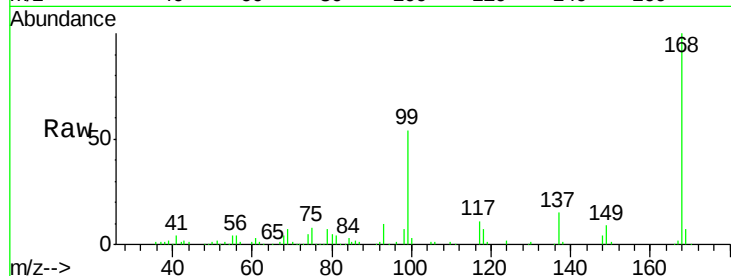
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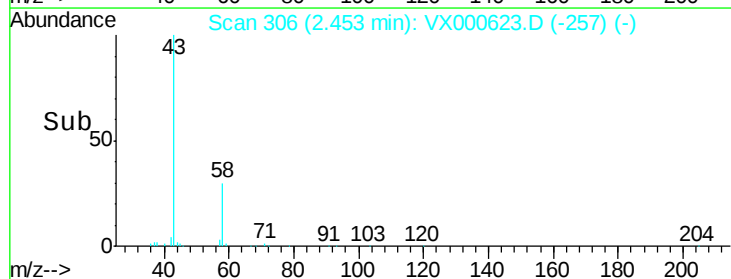
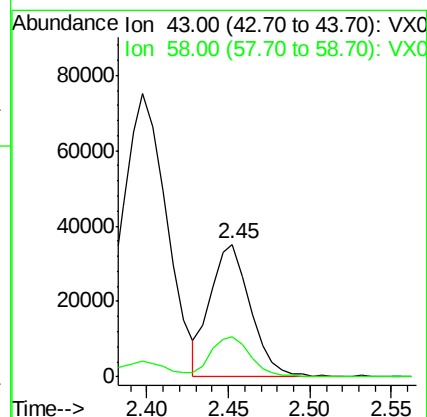
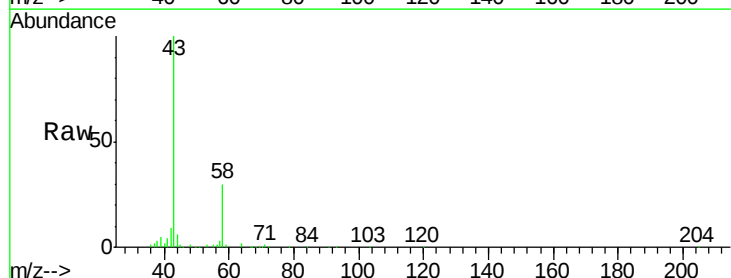
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

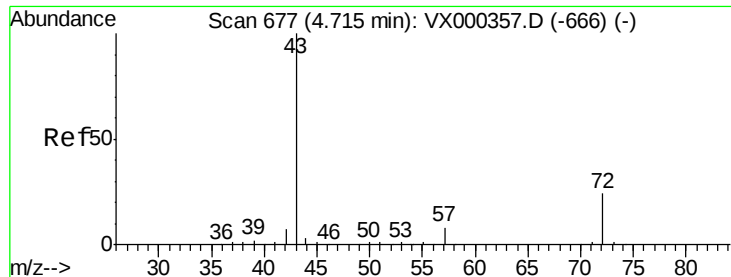
Tot Ion:168 Resp: 129177
Ion Ratio Lower Upper
168 100
99 54.0 45.8 68.6



#16
Acetone
Concen: 42.62 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

Tgt Ion: 43 Resp: 59788
Ion Ratio Lower Upper
43 100
58 30.2 24.7 37.1





#25

2-Butanone

Concen: 20.69 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000623.D

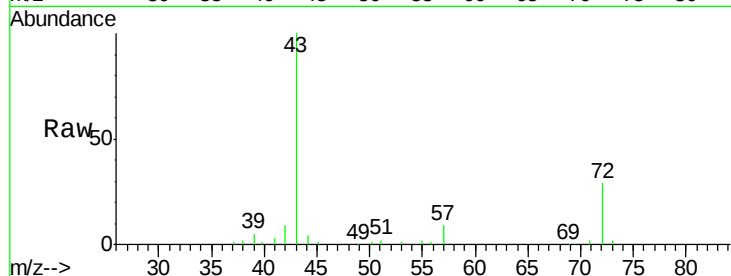
Acq: 01 Apr 2018 04:54

Tot Ion: 43 Resp: 32619

Ion Ratio Lower Upper

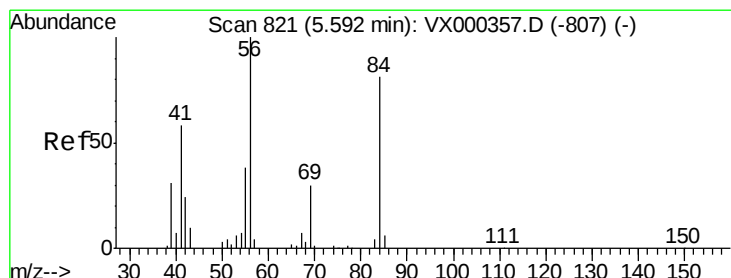
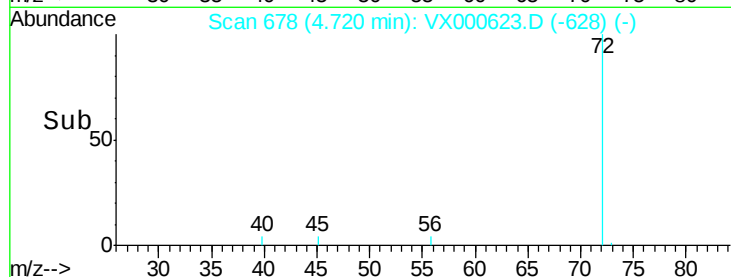
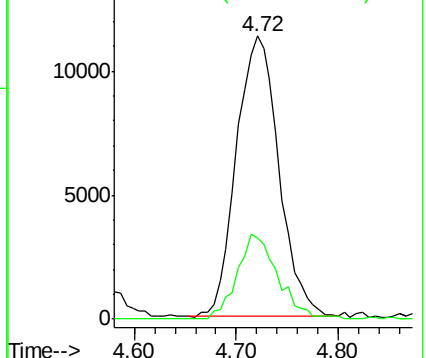
43 100

72 28.9 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 147.75 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

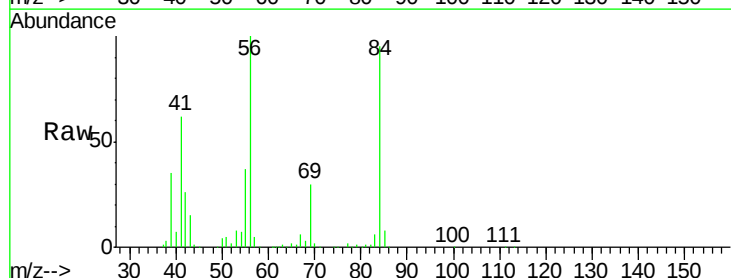
Tgt Ion: 56 Resp: 314313

Ion Ratio Lower Upper

56 100

69 27.6 23.4 35.0

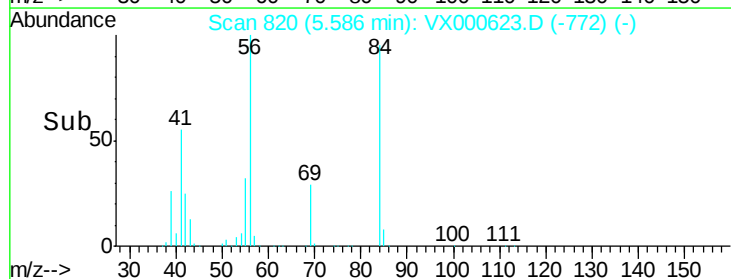
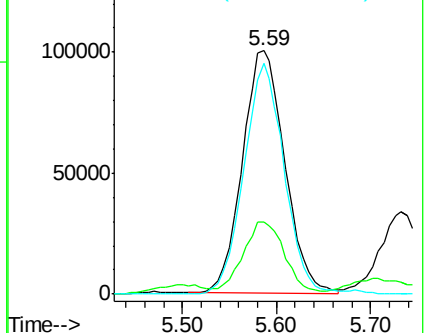
84 95.2 71.0 106.4

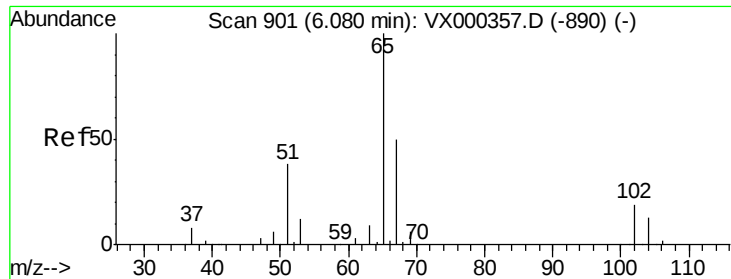


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

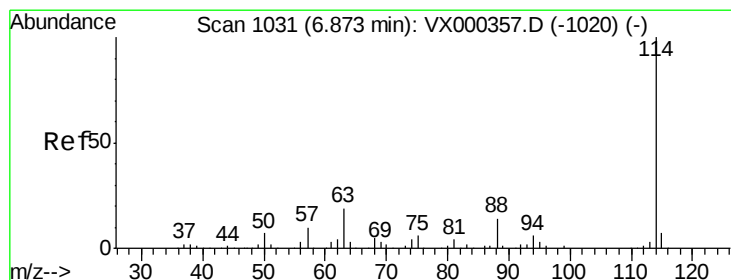
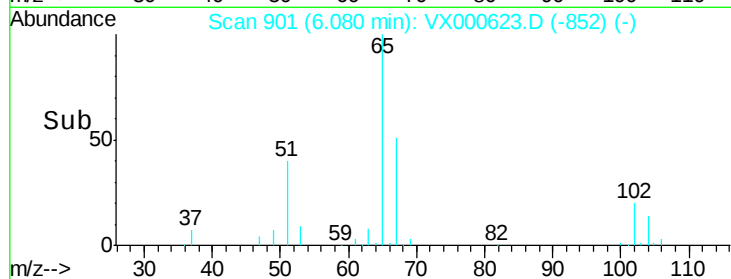
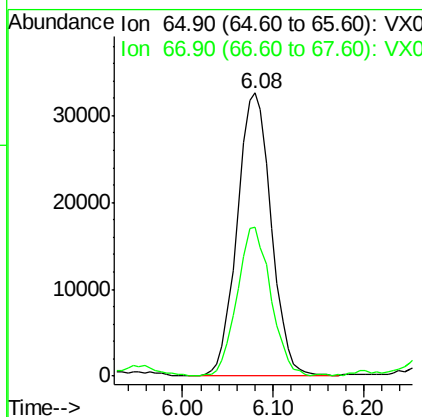
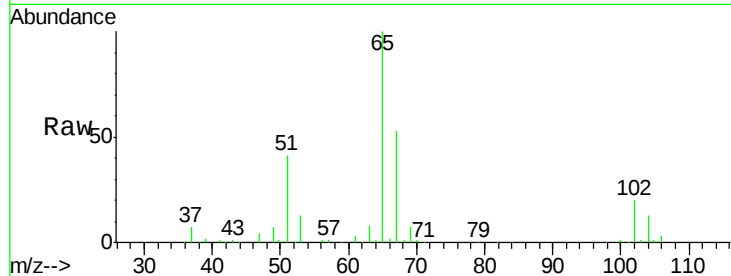
Ion 84.00 (83.70 to 84.70): VX0





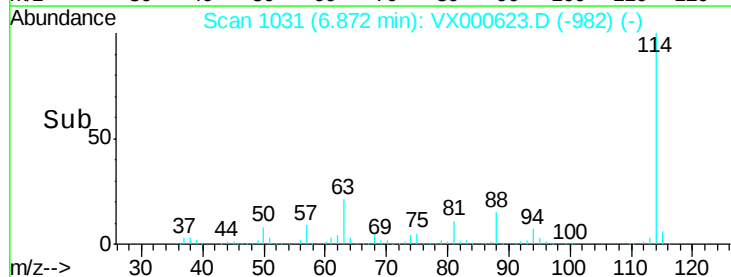
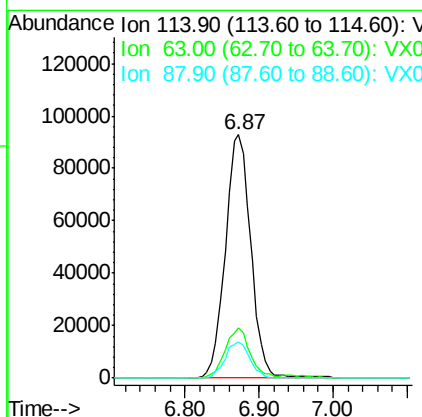
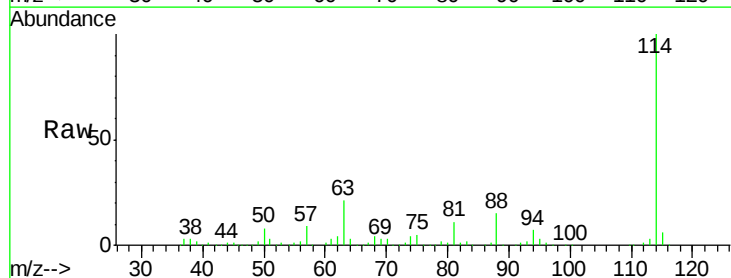
#33
 1,2-Dichloroethane-d4
 Concen: 50.25 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000623.D
 Acq: 01 Apr 2018 04:54

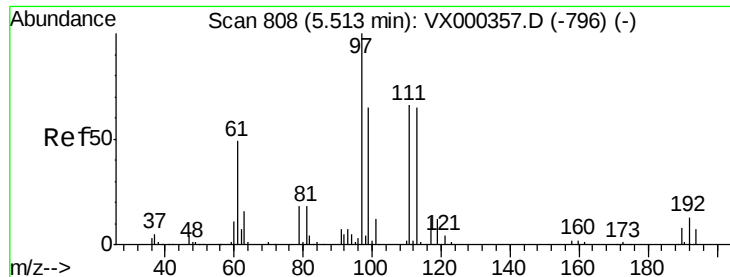
Tot Ion: 65 Resp: 84726
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000623.D
 Acq: 01 Apr 2018 04:54

Tgt Ion: 114 Resp: 221473
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.4
 88 14.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 46.35 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

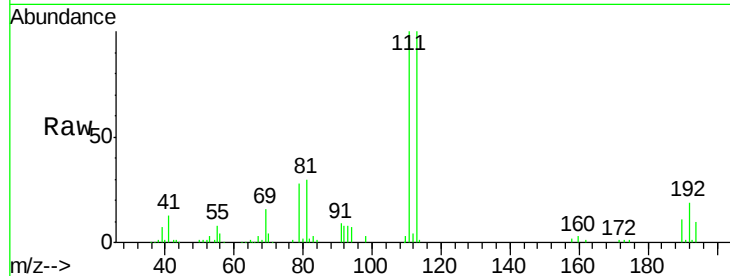
Tot Ion:113 Resp: 64675

Ion Ratio Lower Upper

113 100

111 106.8 82.4 123.6

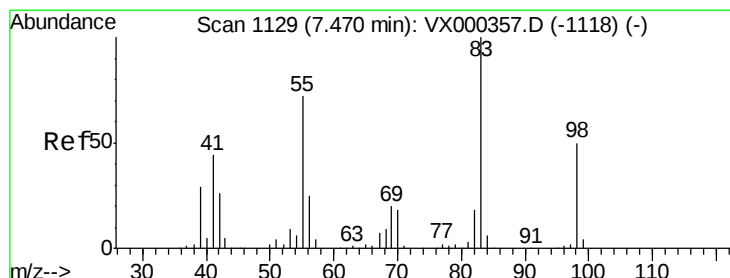
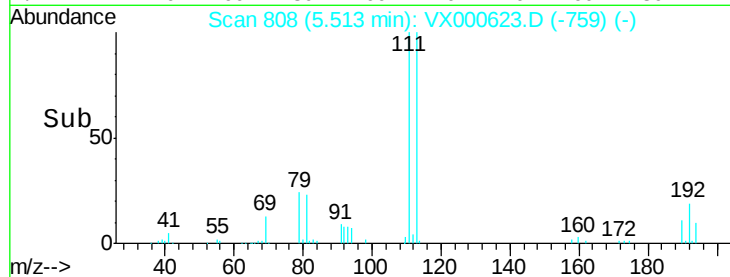
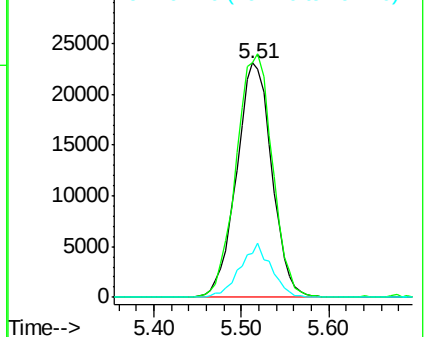
192 20.4 15.8 23.6



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: 93.57 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

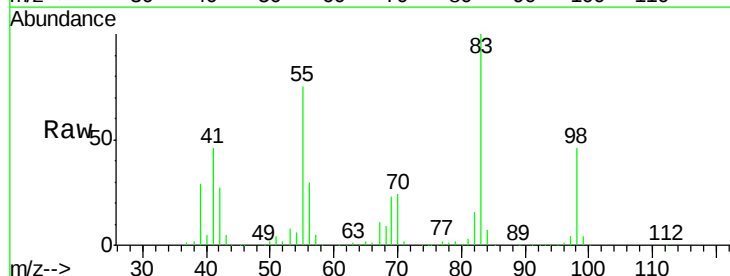
Tgt Ion: 83 Resp: 236068

Ion Ratio Lower Upper

83 100

55 75.0 55.5 83.3

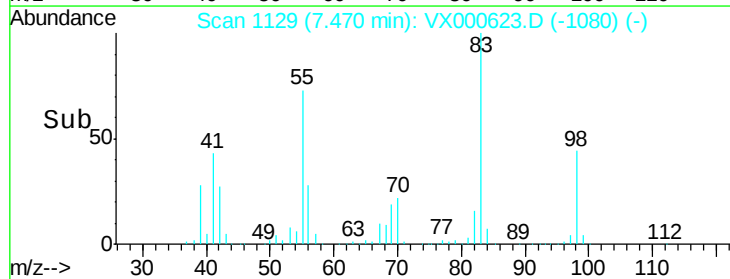
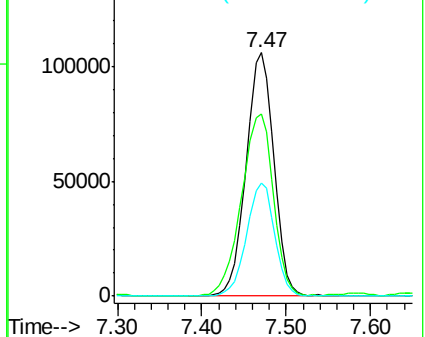
98 46.3 38.2 57.4

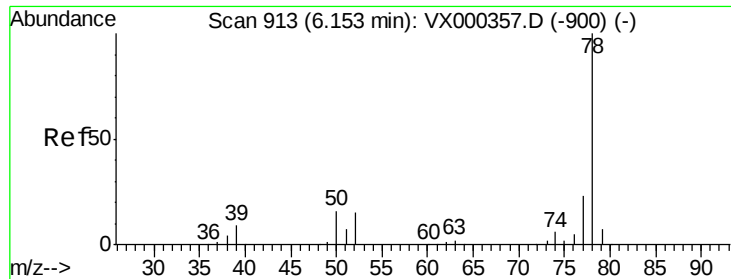


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 21.54 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000623.D

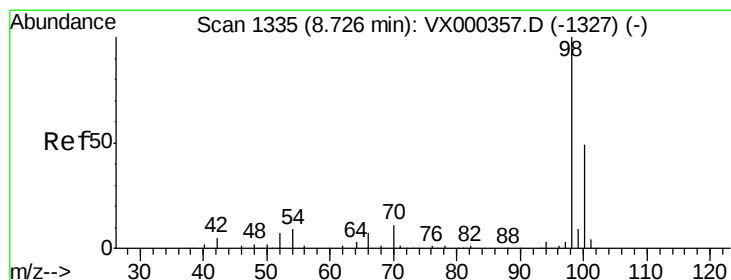
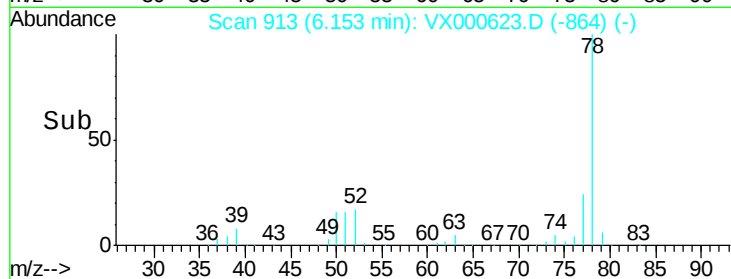
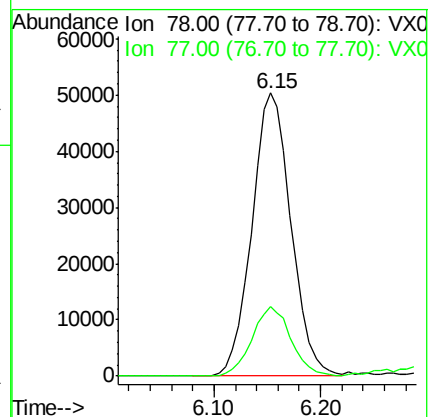
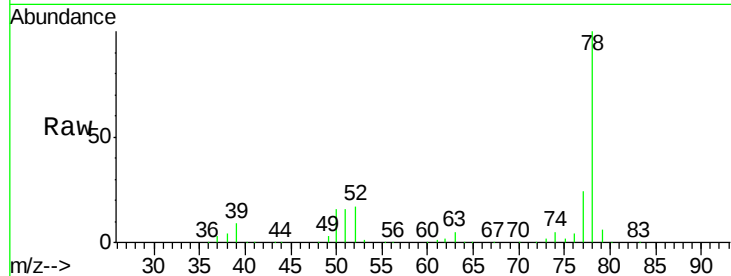
Acq: 01 Apr 2018 04:54

Tot Ion: 78 Resp: 129747

Ion Ratio Lower Upper

78 100

77 24.5 18.7 28.1



#50

Toluene-d8

Concen: 52.03 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000623.D

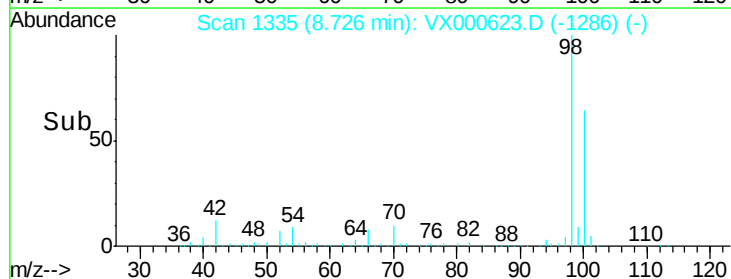
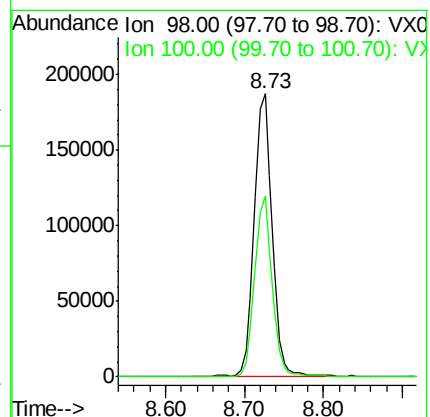
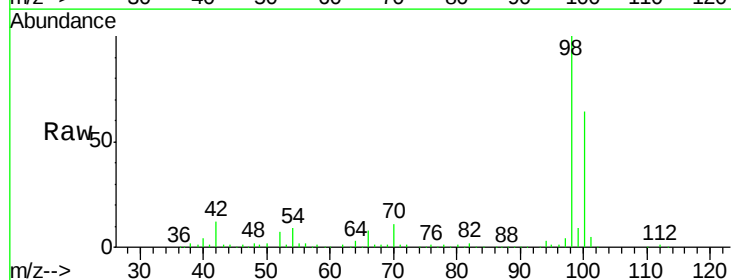
Acq: 01 Apr 2018 04:54

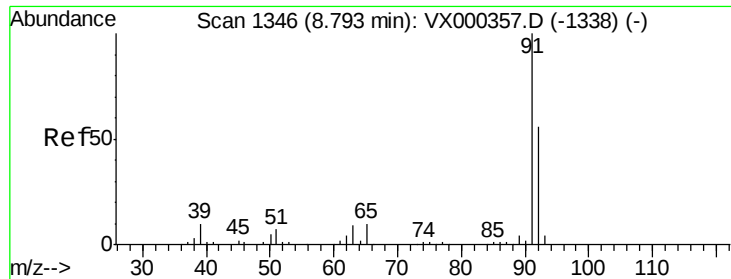
Tgt Ion: 98 Resp: 300701

Ion Ratio Lower Upper

98 100

100 61.9 51.2 76.8





#52

Toluene

Concen: 107.65 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000623.D

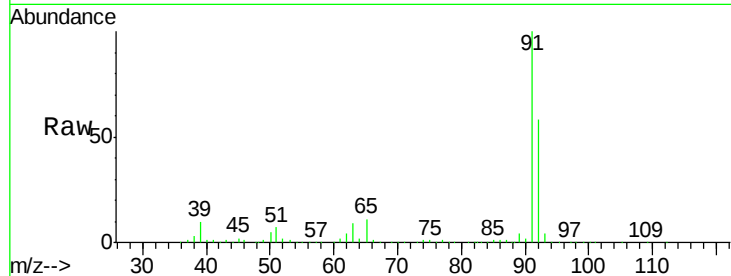
Acq: 01 Apr 2018 04:54

Tot Ion: 92 Resp: 453386

Ion Ratio Lower Upper

92 100

91 174.6 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

600000

500000

400000

300000

200000

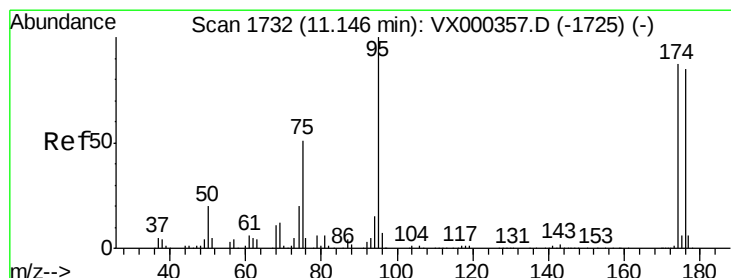
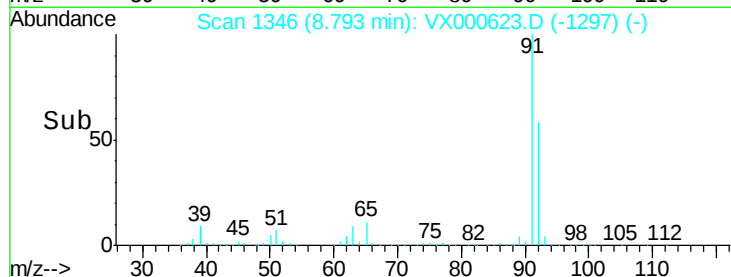
100000

0

8.79

8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 54.43 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

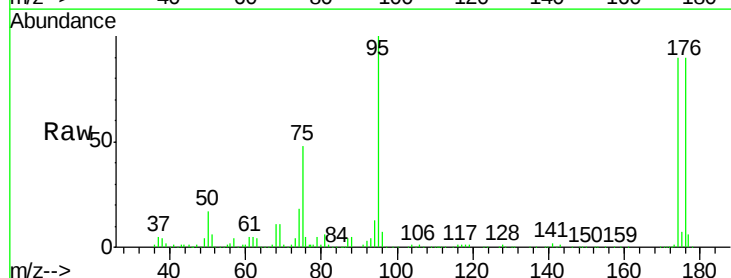
Tgt Ion: 95 Resp: 134494

Ion Ratio Lower Upper

95 100

174 88.0 0.0 173.6

176 87.1 0.0 164.6



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

100000

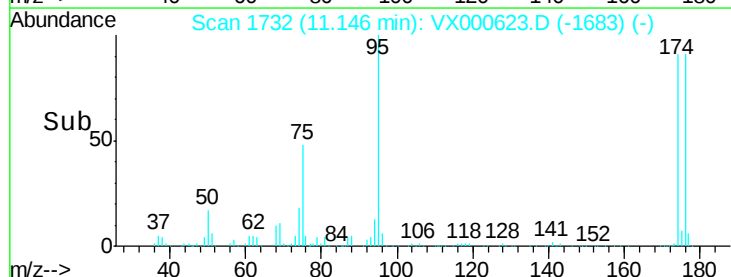
50000

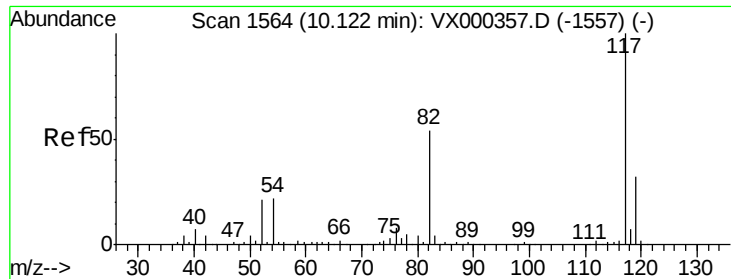
0

11.15

11.10 11.20

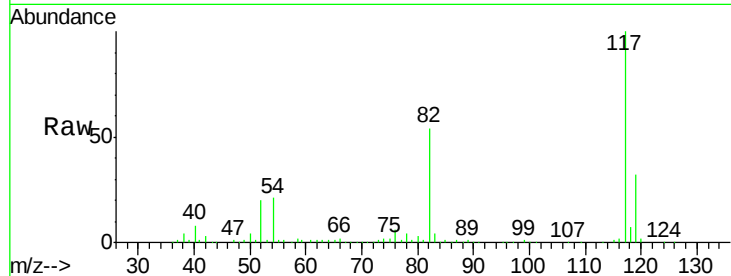
Time-->



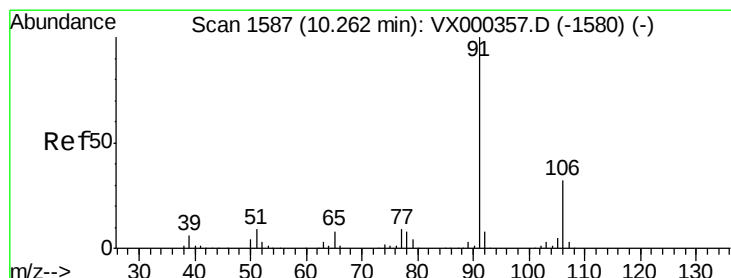
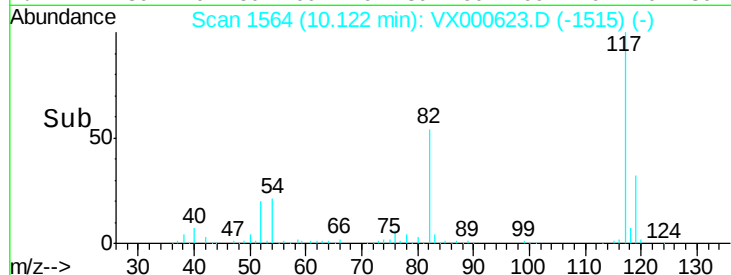
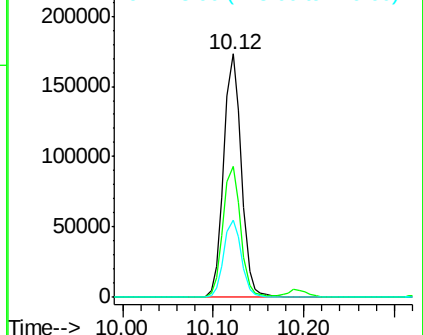


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

Tot Ion:117 Resp: 236974
Ion Ratio Lower Upper
117 100
82 53.7 43.8 65.8
119 31.7 24.9 37.3

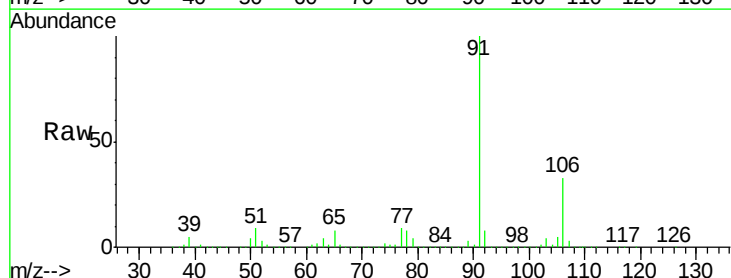


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

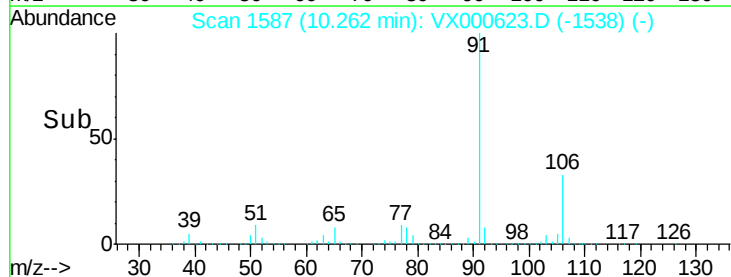
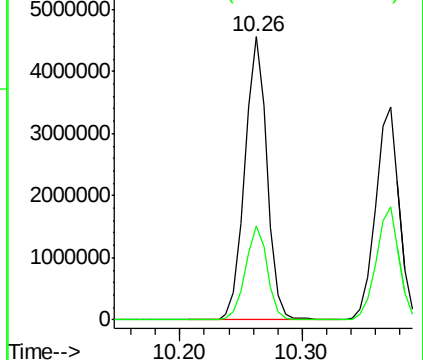


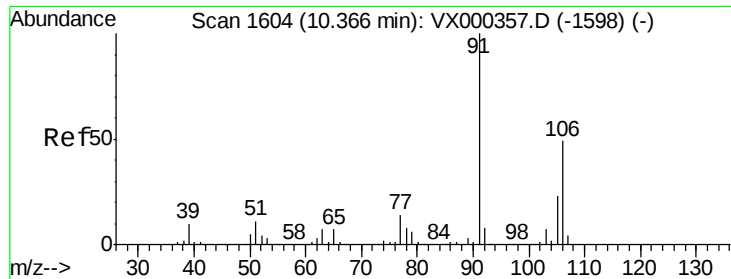
#67
Ethyl Benzene
Concen: 639.62 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

Tgt Ion: 91 Resp: 5718191
Ion Ratio Lower Upper
91 100
106 33.1 25.0 37.6



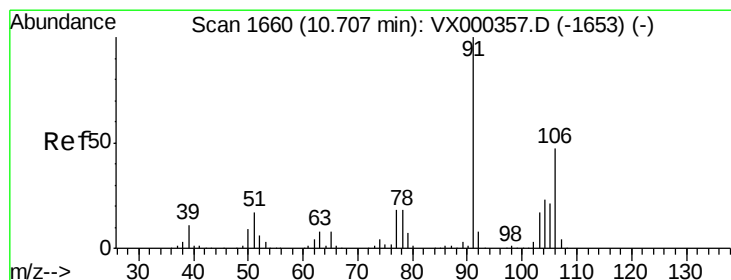
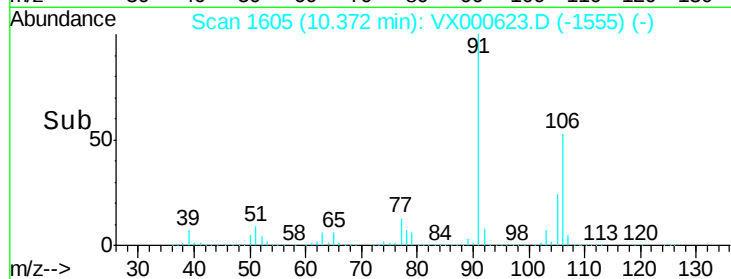
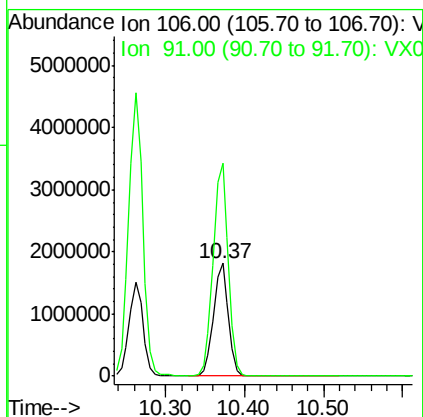
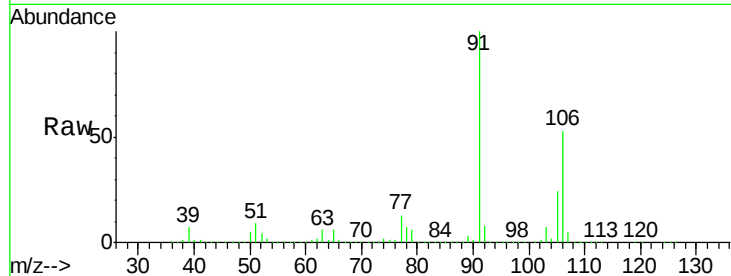
Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





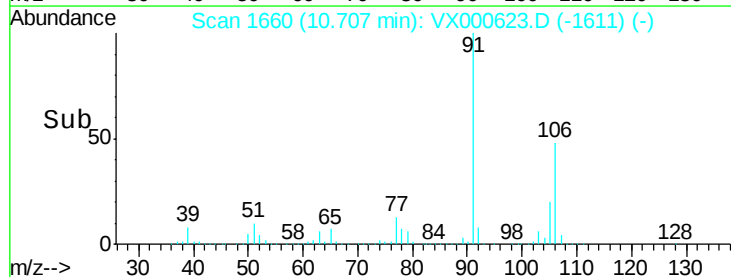
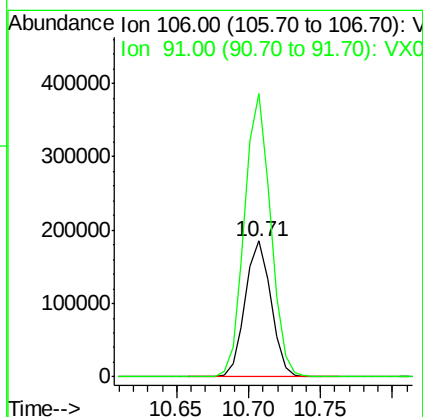
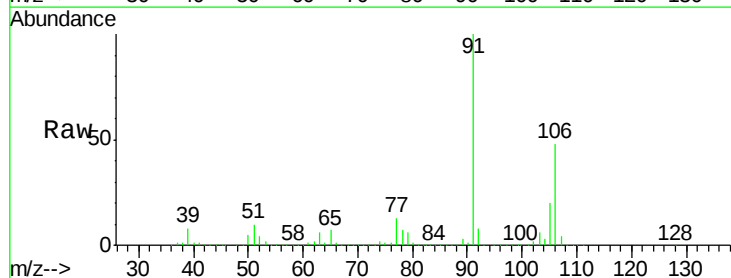
#68
m/p-Xylenes
Concen: 674.22 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

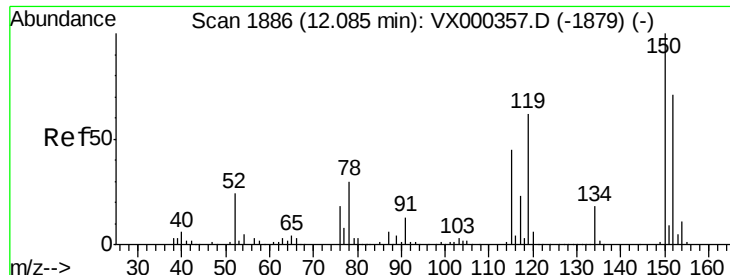
Tot Ion:106 Resp: 2371818
Ion Ratio Lower Upper
106 100
91 192.9 163.4 245.2



#69
o-Xylene
Concen: 67.90 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

Tgt Ion:106 Resp: 231291
Ion Ratio Lower Upper
106 100
91 208.5 106.5 319.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

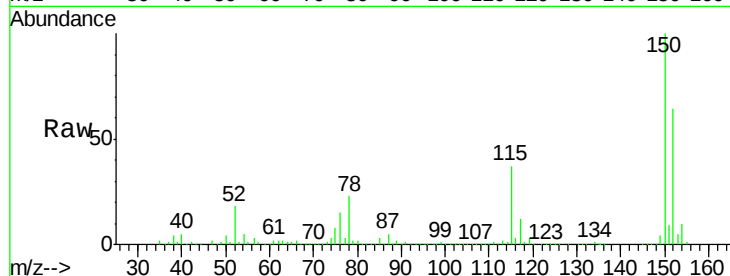
Tot Ion:152 Resp: 171993

Ion Ratio Lower Upper

152 100

115 57.2 39.8 119.3

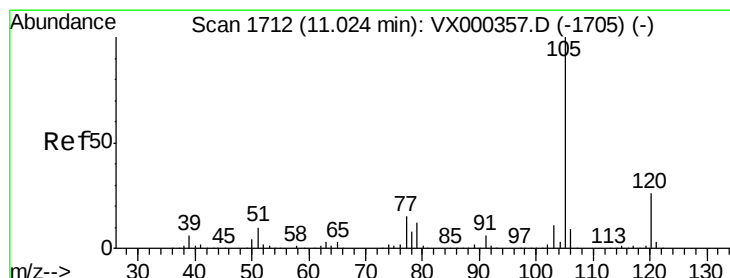
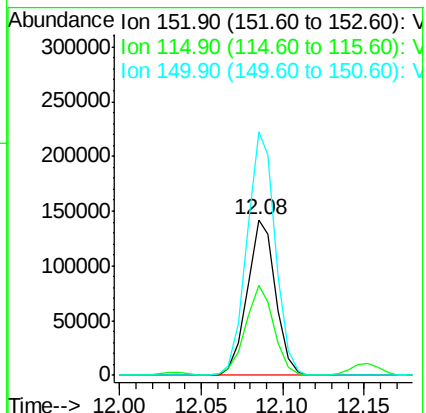
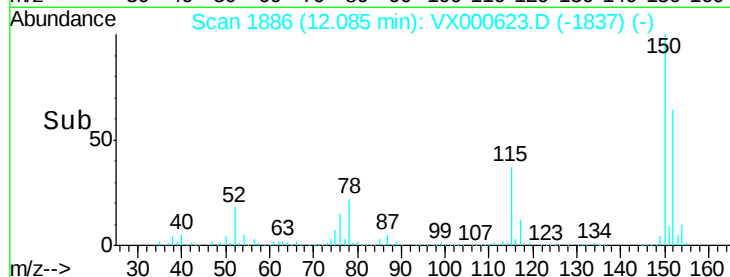
150 157.4 0.0 344.4



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



#73

Isopropylbenzene

Concen: 43.36 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000623.D

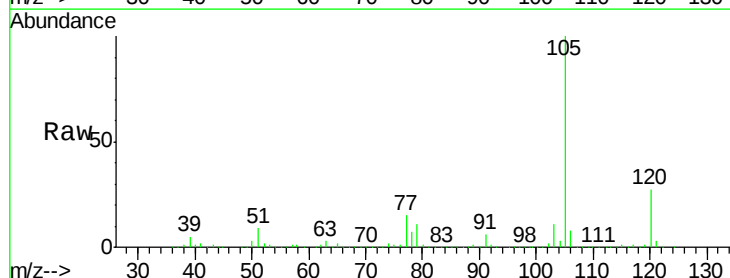
Acq: 01 Apr 2018 04:54

Tgt Ion:105 Resp: 494120

Ion Ratio Lower Upper

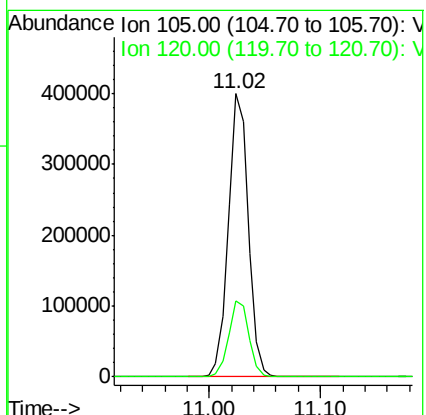
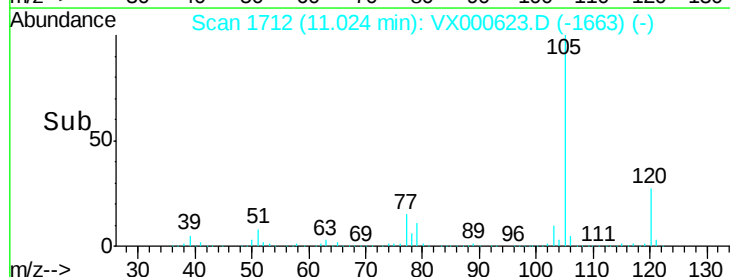
105 100

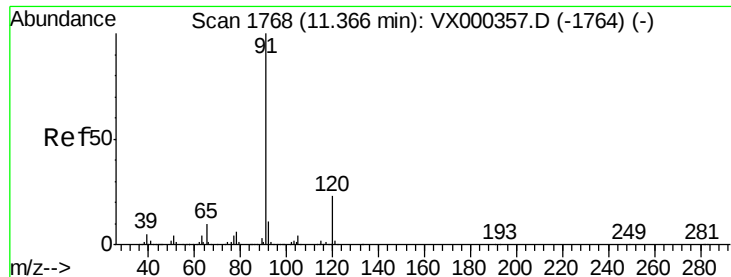
120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 82.85 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000623.D

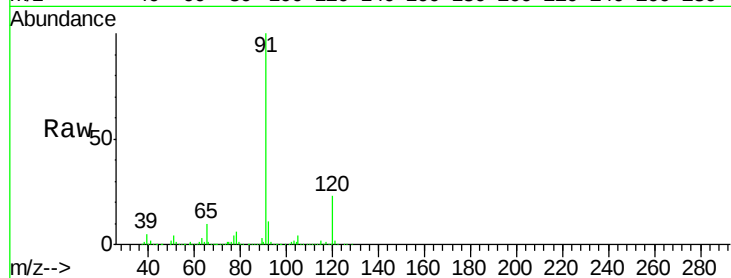
Acq: 01 Apr 2018 04:54

Tot Ion: 91 Resp: 1125727

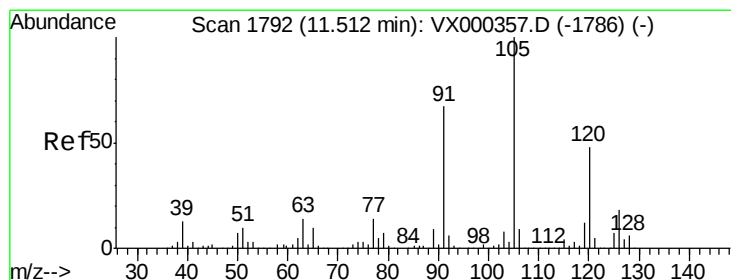
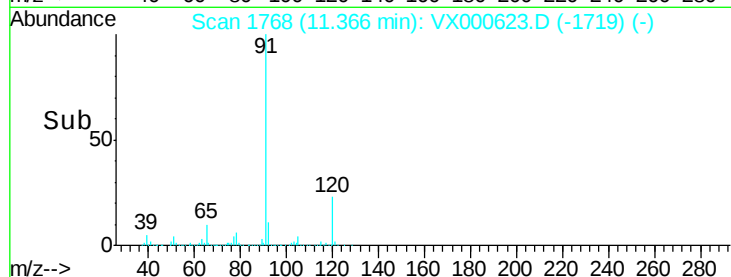
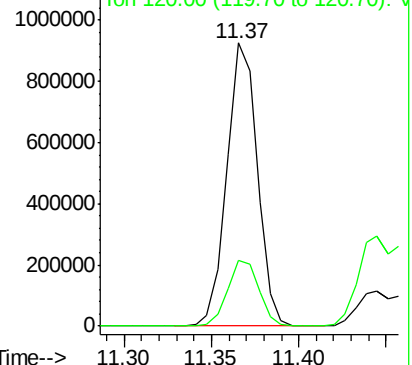
Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1764) (-)



#80

1,3,5-Trimethylbenzene

Concen: 112.88 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000623.D

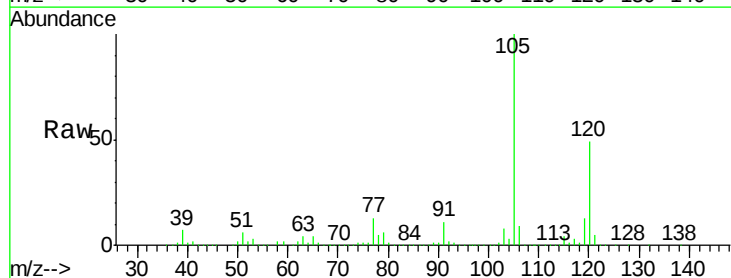
Acq: 01 Apr 2018 04:54

Tgt Ion: 105 Resp: 1081565

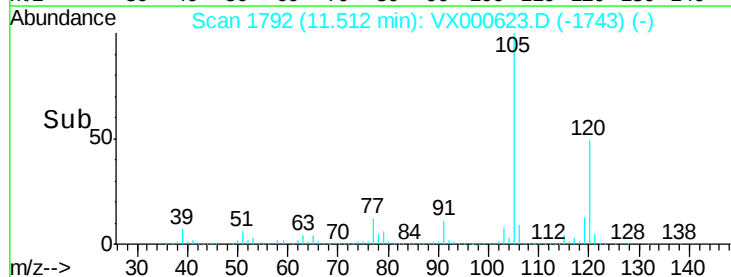
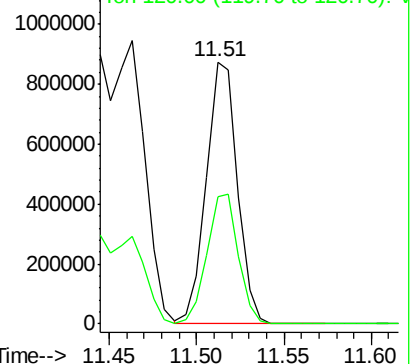
Ion Ratio Lower Upper

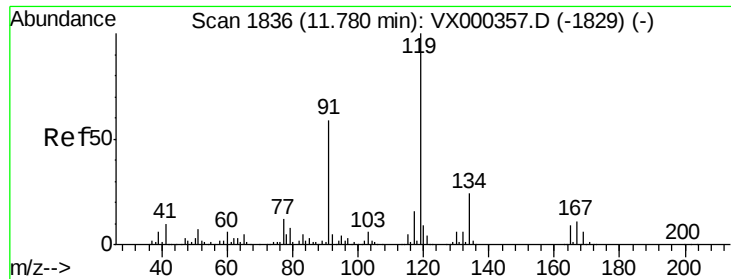
105 100

120 49.8 24.1 72.4



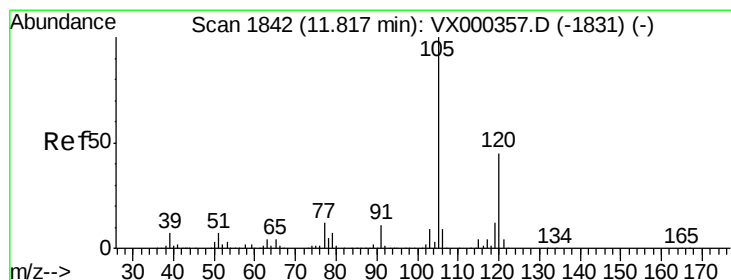
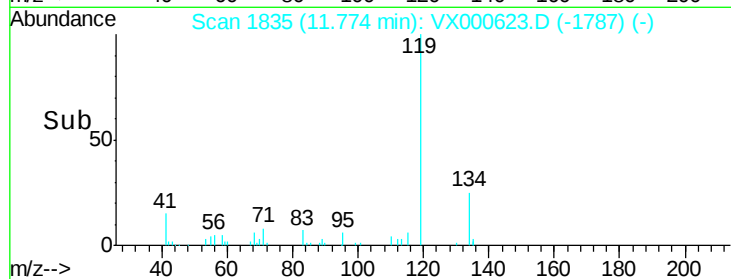
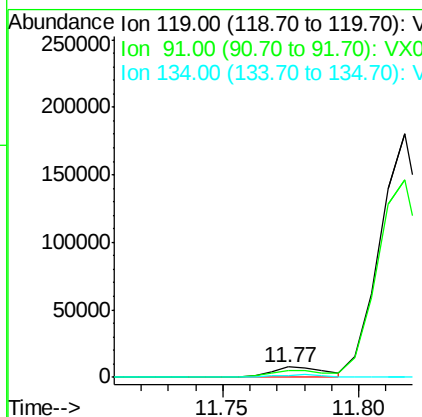
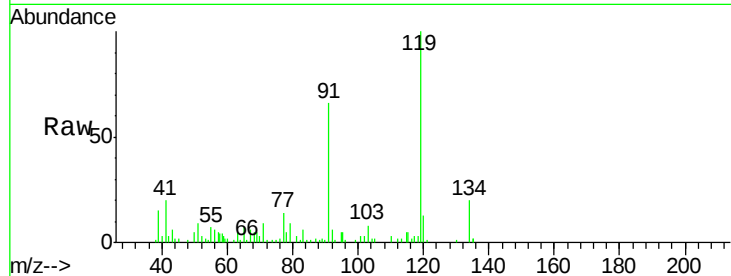
Abundance Ion 105.00 (104.70 to 105.70): VX000357.D (-1786) (-)





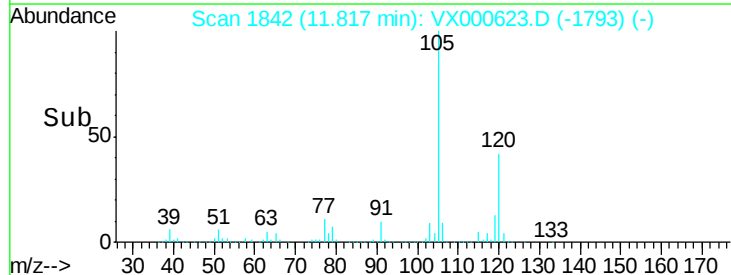
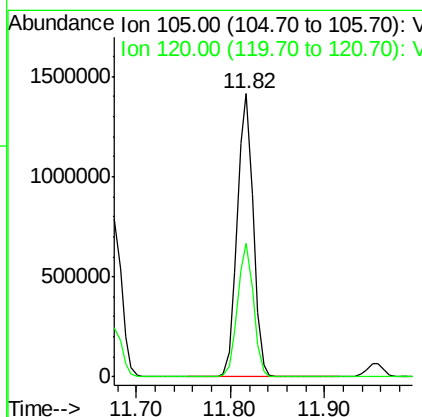
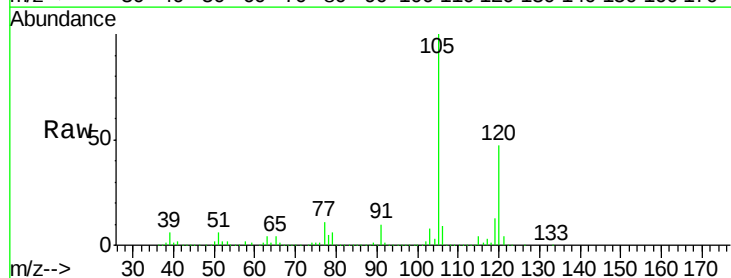
#83
 tert-Butylbenzene
 Concen: 1.08 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: VX000623.D
 Acq: 01 Apr 2018 04:54

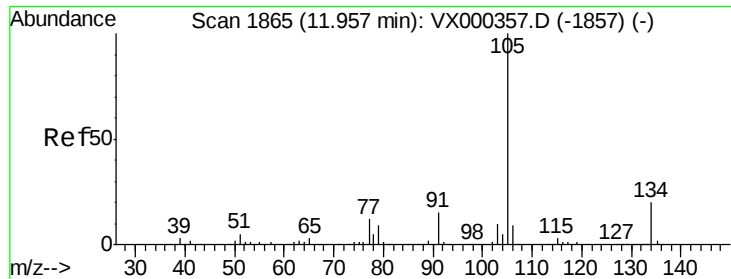
Tot Ion:119 Resp: 10443
 Ion Ratio Lower Upper
 119 100
 91 59.2 28.8 86.4
 134 23.6 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 165.45 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000623.D
 Acq: 01 Apr 2018 04:54

Tgt Ion:105 Resp: 1662144
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 7.08 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000623.D

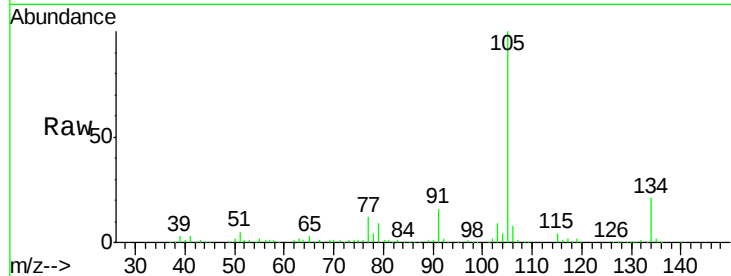
Acq: 01 Apr 2018 04:54

Tot Ion:105 Resp: 84674

Ion Ratio Lower Upper

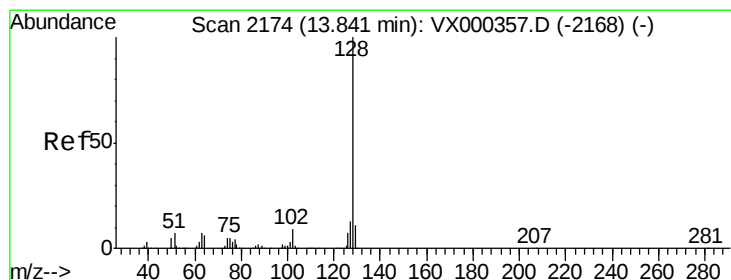
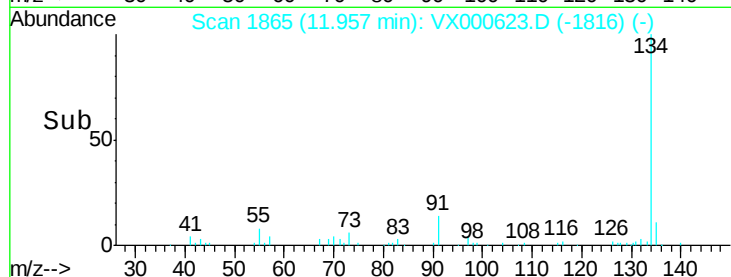
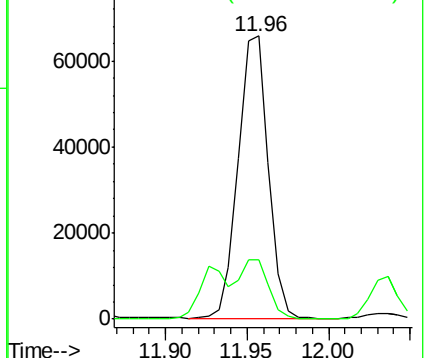
105 100

134 20.5 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 192.88 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.01 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

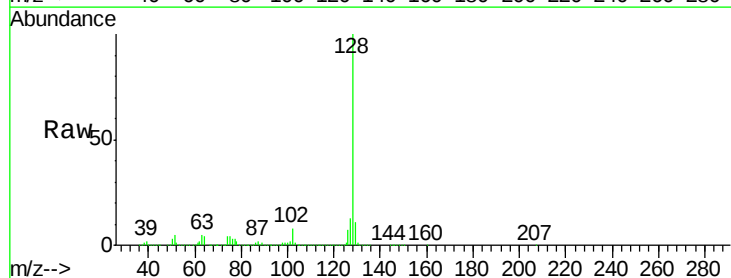
Tgt Ion:128 Resp: 2710617

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 11.0 8.9 13.3



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

