

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000621.D
 Acq On : 01 Apr 2018 04:03
 Operator : JC/MD
 Sample : J2132-07 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

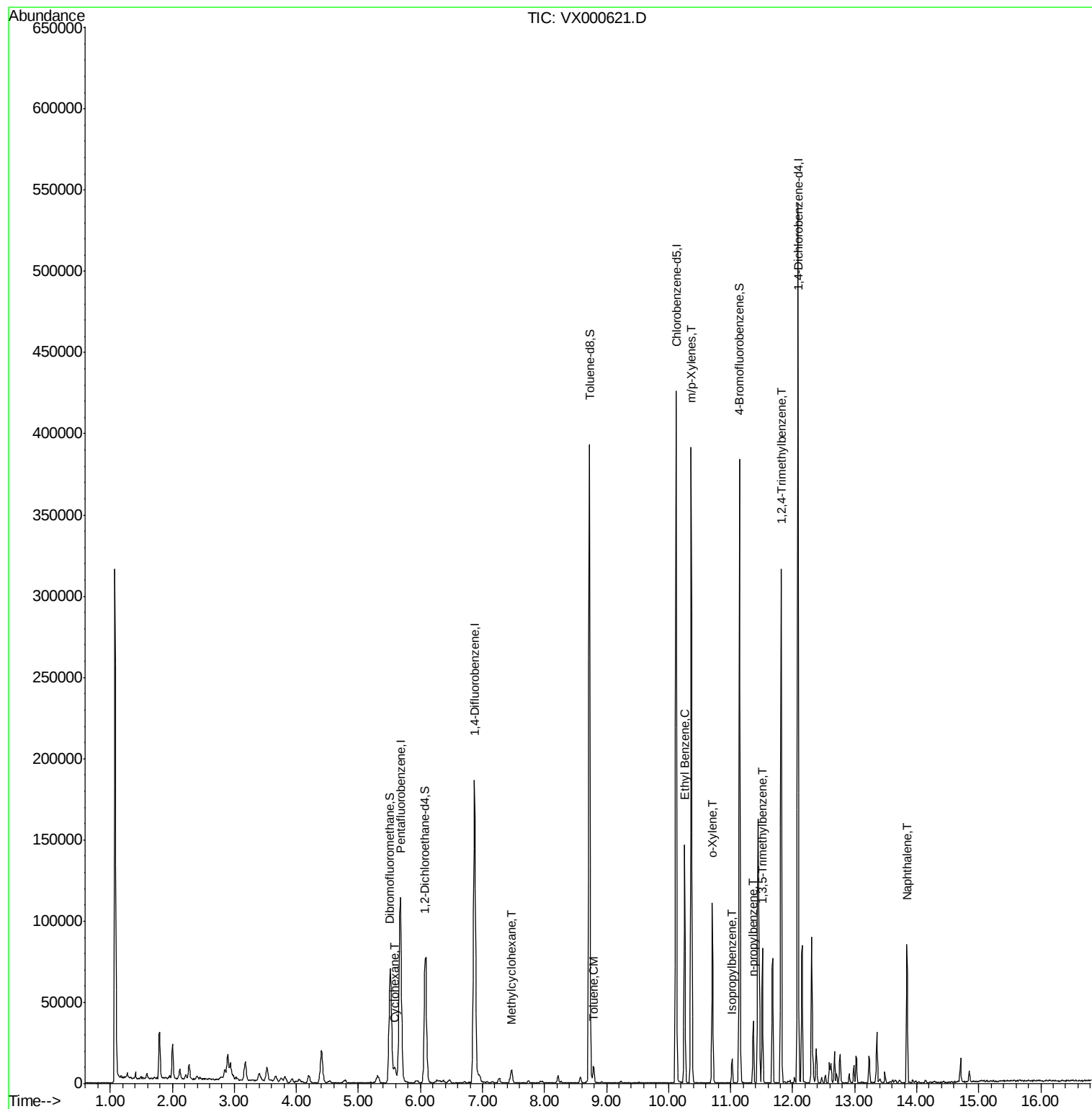
Quant Time: Apr 02 07:35:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

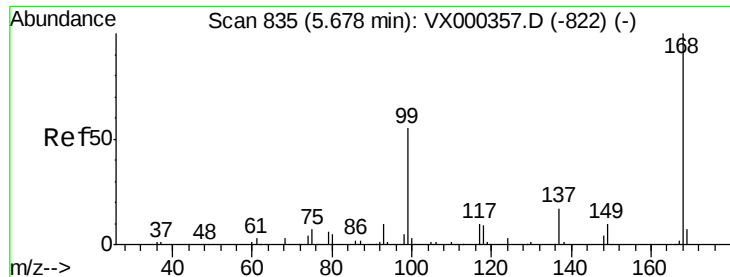
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	106919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	182533	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	180344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	102529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	71402	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
35) Dibromofluoromethane	5.51	113	55391	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
50) Toluene-d8	8.73	98	230356	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.15	95	82305	42.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.02%	
Target Compounds						
						Qvalue
31) Cyclohexane	5.57	56	5893	3.35	ug/l	96
39) Methylcyclohexane	7.47	83	3178	1.53	ug/l	93
52) Toluene	8.79	92	3735	1.08	ug/l	87
67) Ethyl Benzene	10.26	91	82963	12.19	ug/l	100
68) m/p-Xylenes	10.37	106	85816	32.05	ug/l	97
69) o-Xylene	10.71	106	23595	9.10	ug/l	98
73) Isopropylbenzene	11.02	105	7145	1.05	ug/l	97
78) n-propylbenzene	11.37	91	21494	2.65	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	32685	5.72	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	132395	22.11	ug/l	98
95) Naphthalene	13.84	128	48659	5.81	ug/l	99

(#) = 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: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000621.D

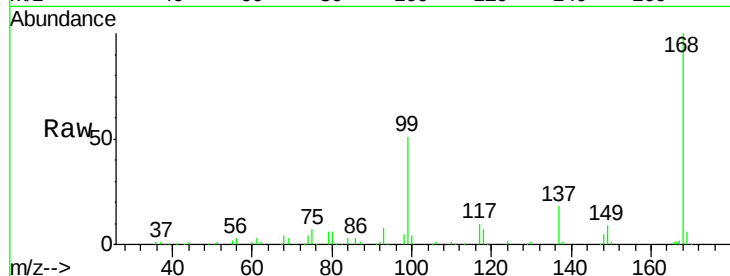
Acq: 01 Apr 2018 04:03

Tot Ion:168 Resp: 106919

Ion Ratio Lower Upper

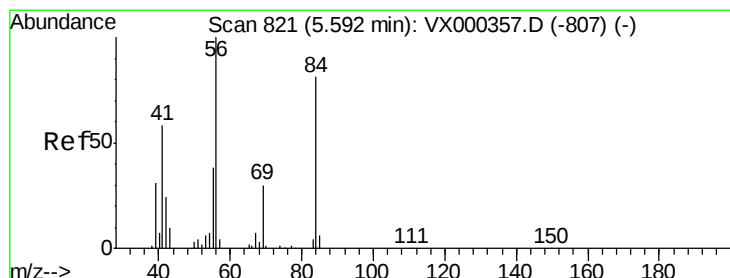
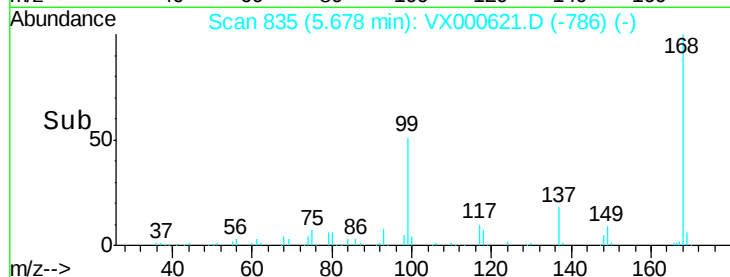
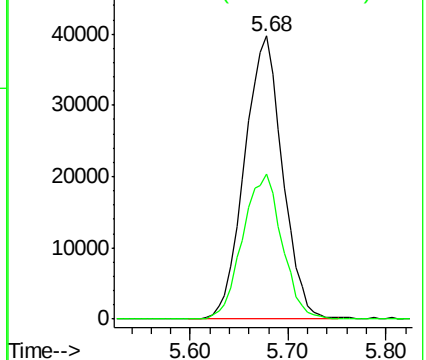
168 100

99 51.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 3.35 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.02 min

Lab File: VX000621.D

Acq: 01 Apr 2018 04:03

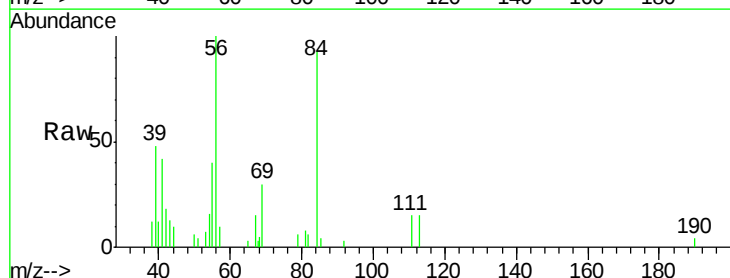
Tgt Ion: 56 Resp: 5893

Ion Ratio Lower Upper

56 100

69 29.6 23.4 35.0

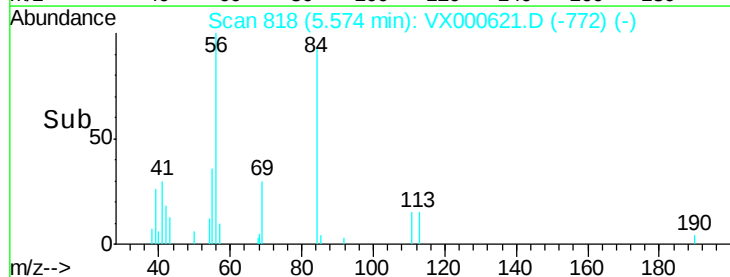
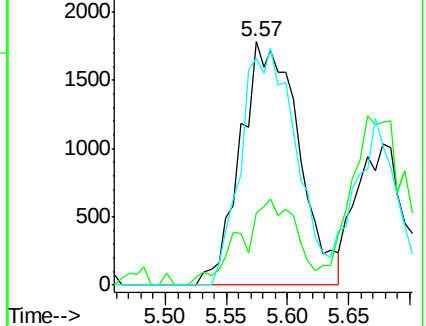
84 93.0 71.0 106.4



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: 51.16 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000621.D

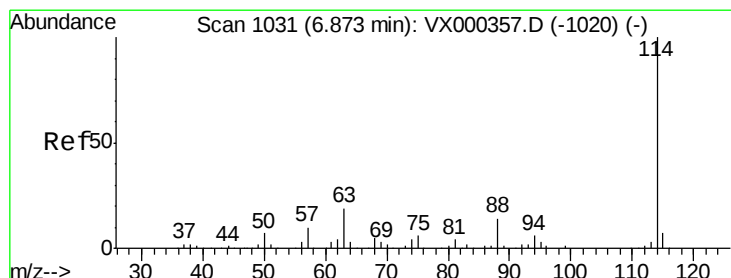
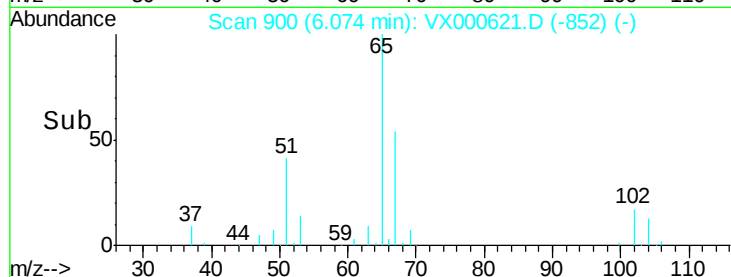
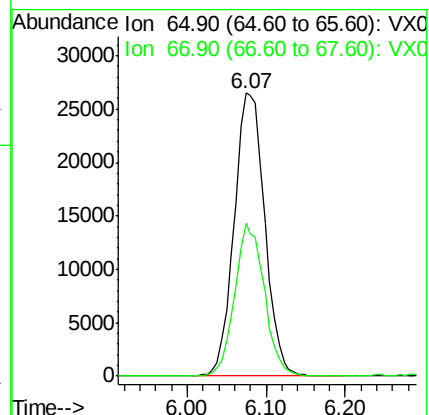
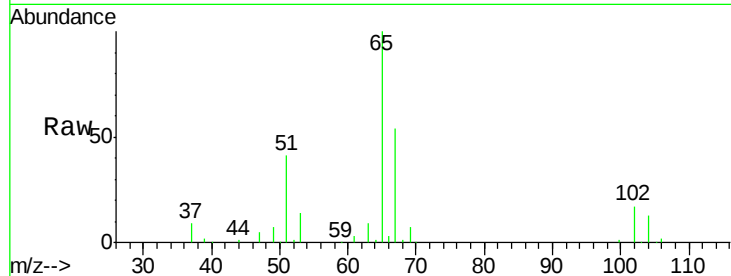
Acq: 01 Apr 2018 04:03

Tot Ion: 65 Resp: 71402

Ion Ratio Lower Upper

65 100

67 51.9 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: VX000621.D

Acq: 01 Apr 2018 04:03

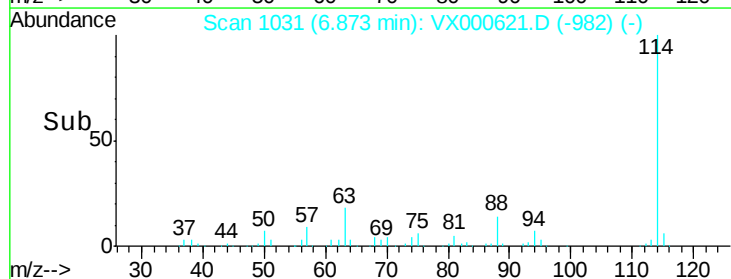
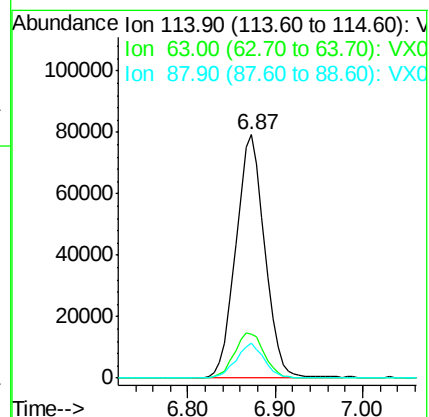
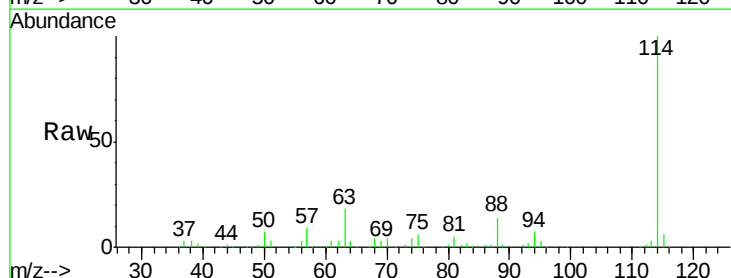
Tgt Ion: 114 Resp: 182533

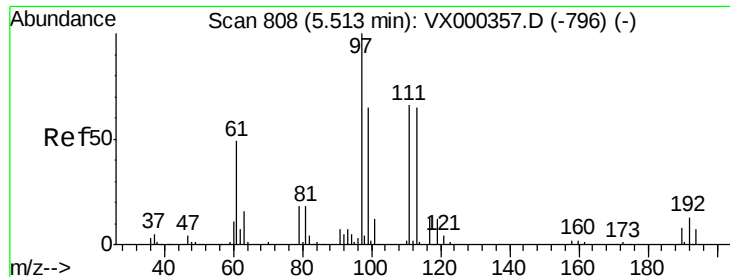
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

88 14.2 0.0 27.0





#35

Dibromofluoromethane

Concen: 48.16 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000621.D

Acq: 01 Apr 2018 04:03

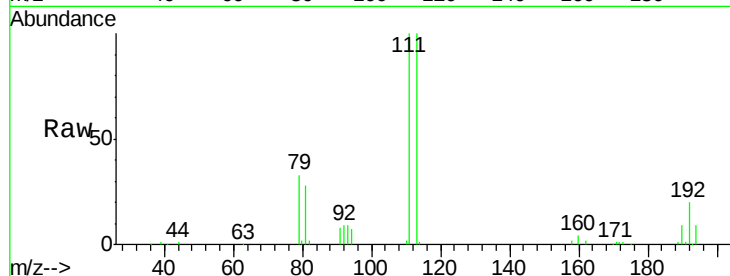
Tot Ion:113 Resp: 55391

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

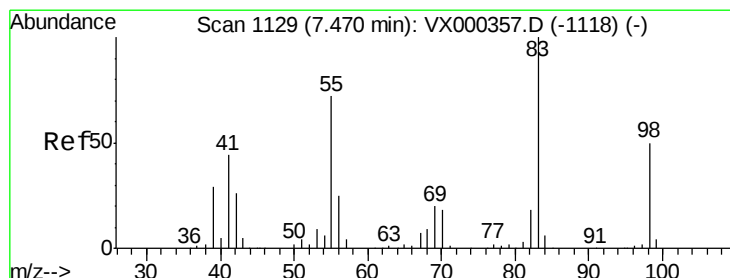
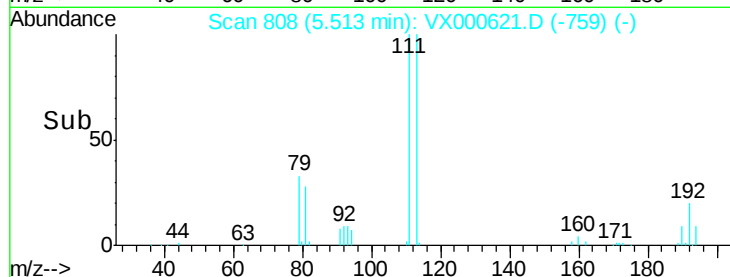
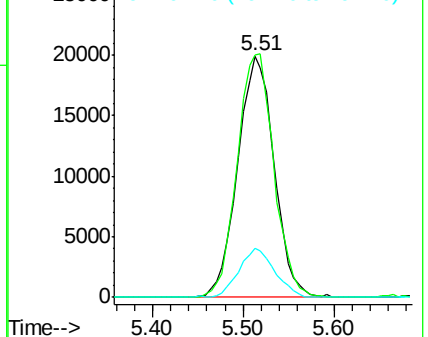
192 20.1 15.8 23.6



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: 1.53 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000621.D

Acq: 01 Apr 2018 04:03

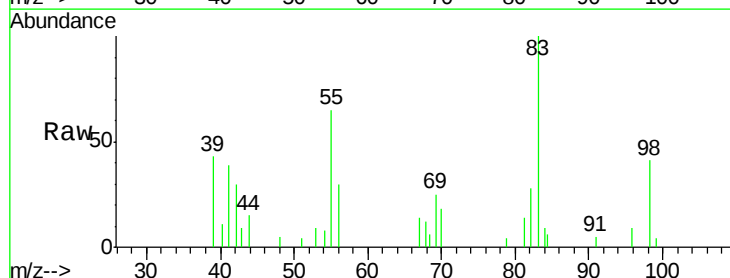
Tgt Ion: 83 Resp: 3178

Ion Ratio Lower Upper

83 100

55 65.4 55.5 83.3

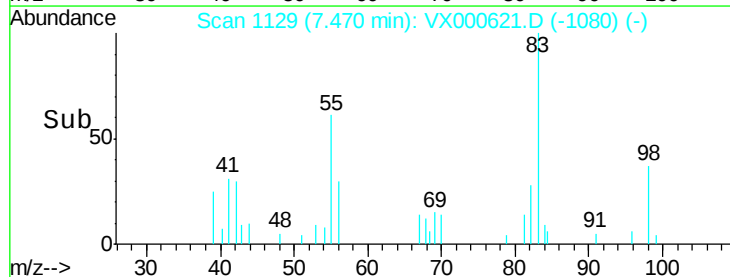
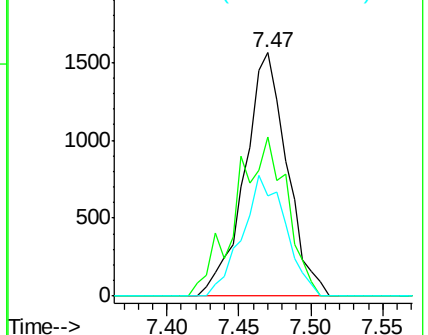
98 41.1 38.2 57.4

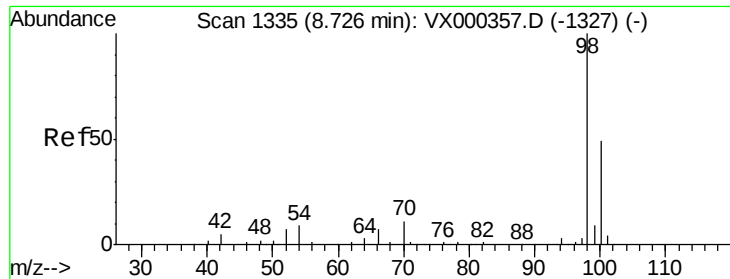


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 48.36 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000621.D

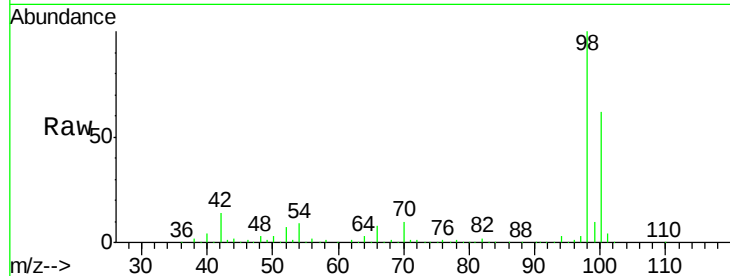
Acq: 01 Apr 2018 04:03

Tot Ion: 98 Resp: 230356

Ion Ratio Lower Upper

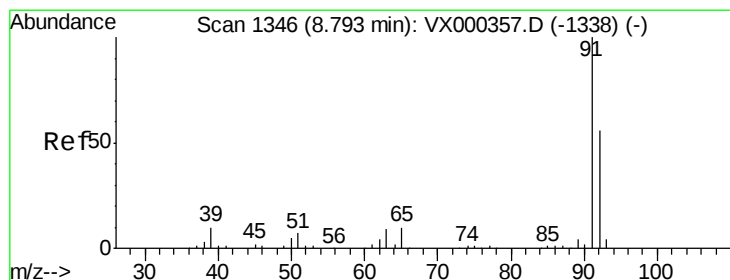
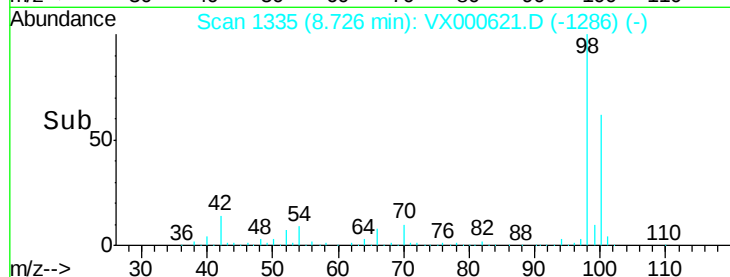
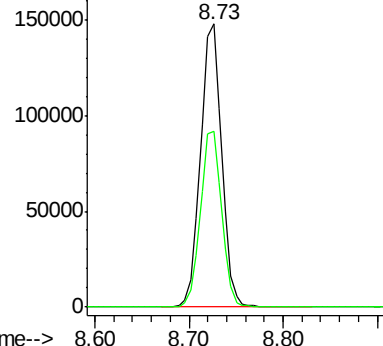
98 100

100 62.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 1.08 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX000621.D

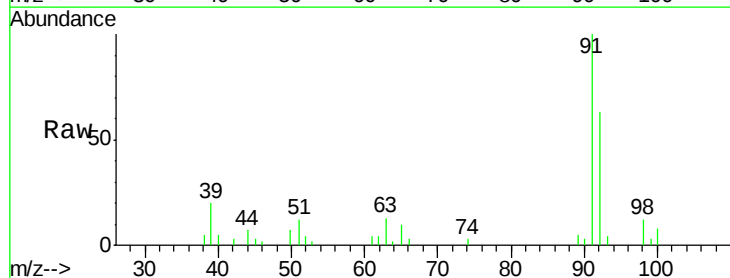
Acq: 01 Apr 2018 04:03

Tgt Ion: 92 Resp: 3735

Ion Ratio Lower Upper

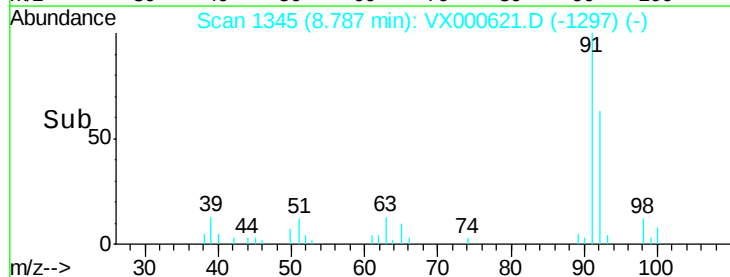
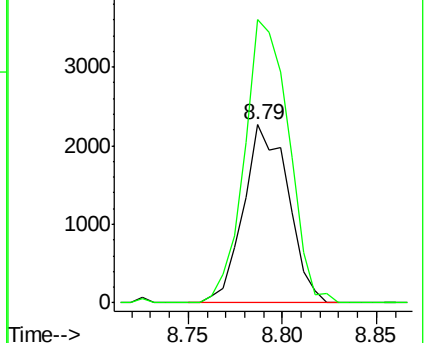
92 100

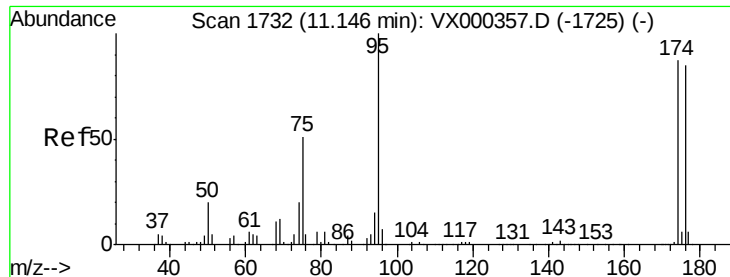
91 157.3 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 42.01 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000621.D

Acq: 01 Apr 2018 04:03

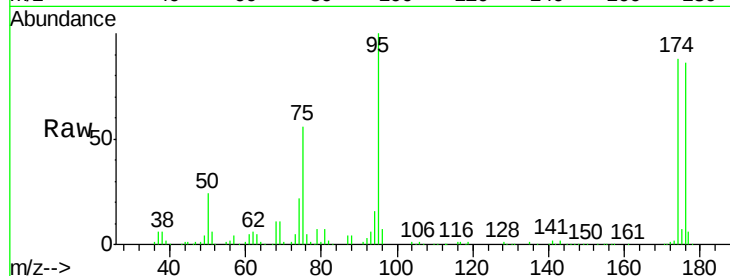
Tot Ion: 95 Resp: 82305

Ion Ratio Lower Upper

95 100

174 92.1 0.0 173.6

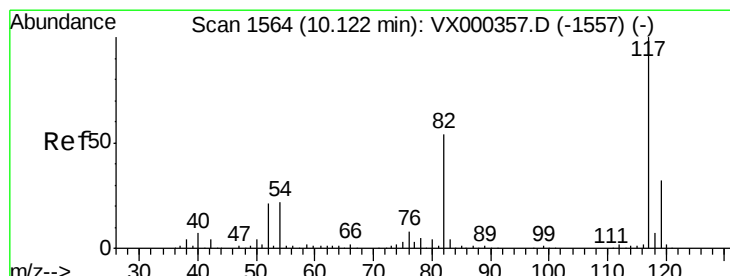
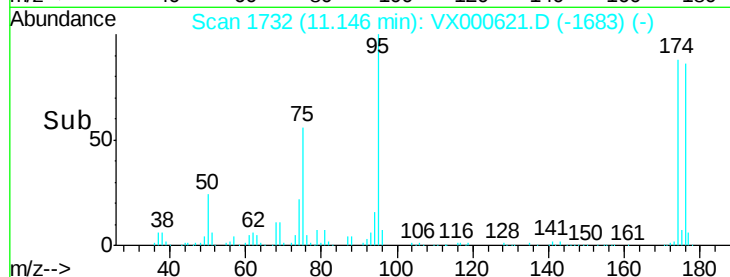
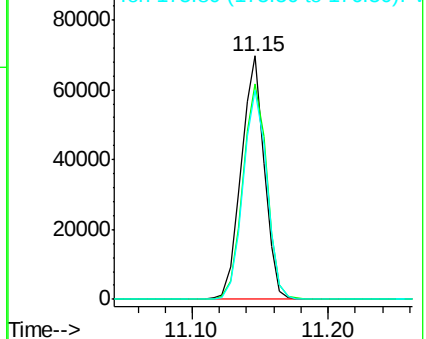
176 88.8 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000621.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000621.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000621.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000621.D

Acq: 01 Apr 2018 04:03

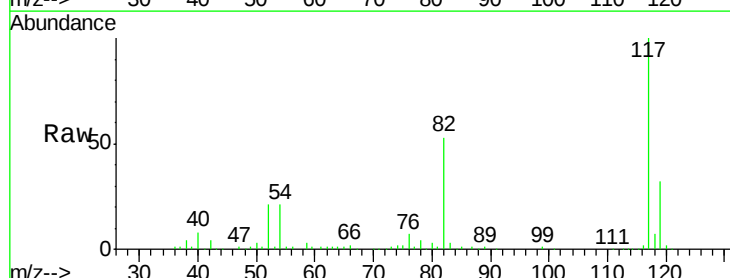
Tgt Ion: 117 Resp: 180344

Ion Ratio Lower Upper

117 100

82 52.8 43.8 65.8

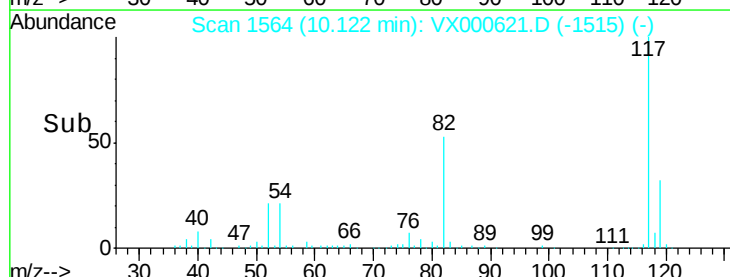
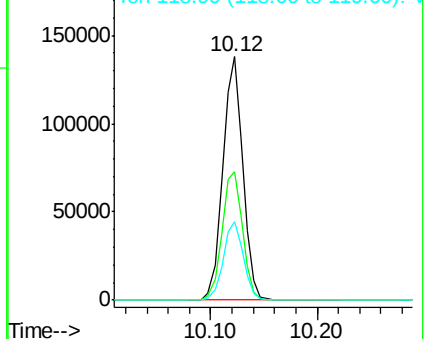
119 32.2 24.9 37.3

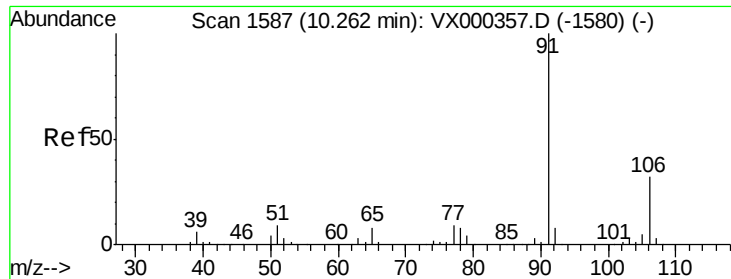


Abundance Ion 116.90 (116.60 to 117.60): VX000621.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000621.D (-1515) (-)

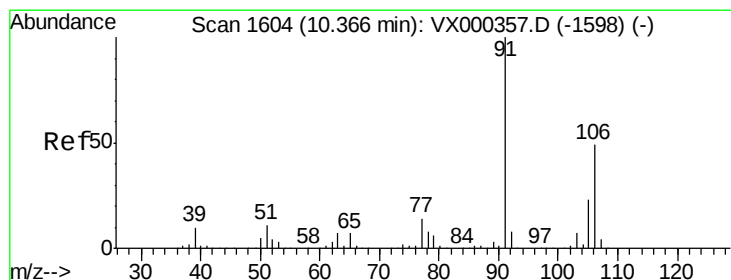
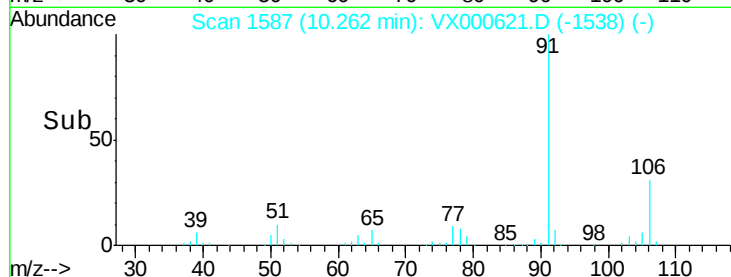
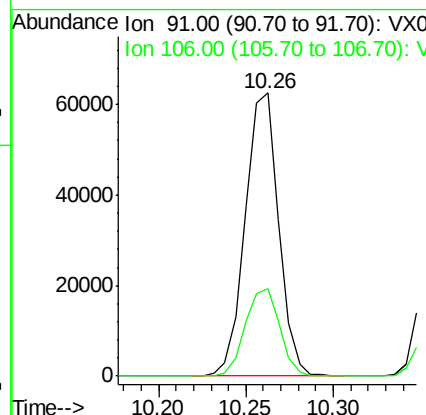
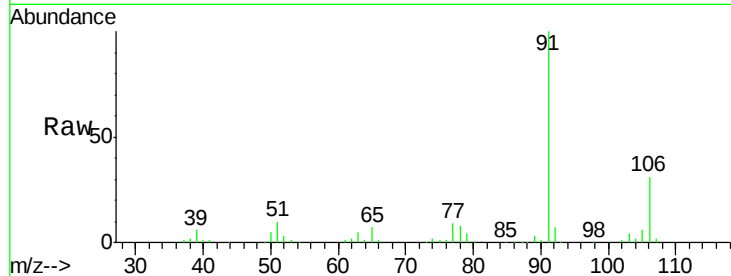
Ion 118.90 (118.60 to 119.60): VX000621.D (-1515) (-)





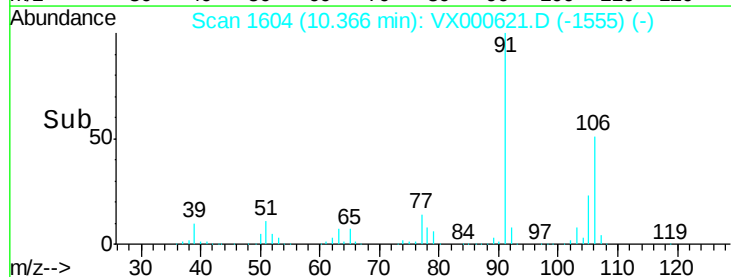
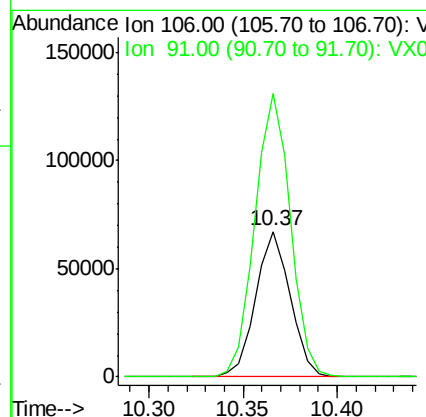
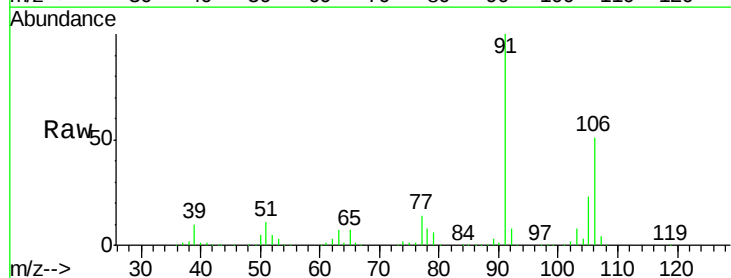
#67
Ethyl Benzene
Concen: 12.19 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

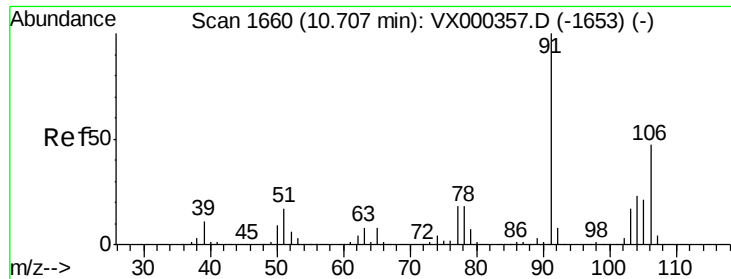
Tot Ion: 91 Resp: 82963
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6



#68
m/p-Xylenes
Concen: 32.05 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

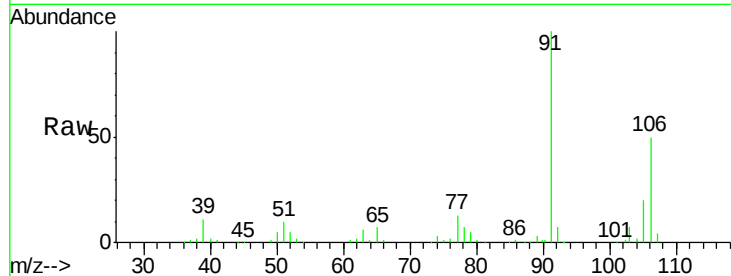
Tgt Ion: 106 Resp: 85816
Ion Ratio Lower Upper
106 100
91 200.0 163.4 245.2



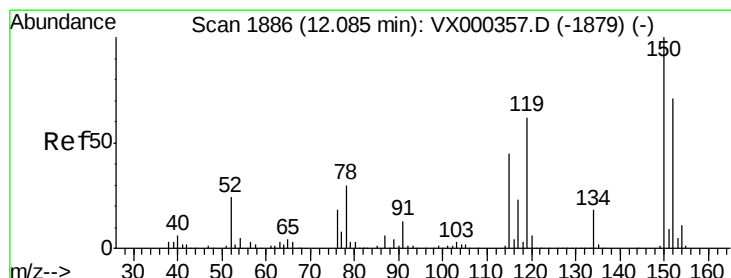
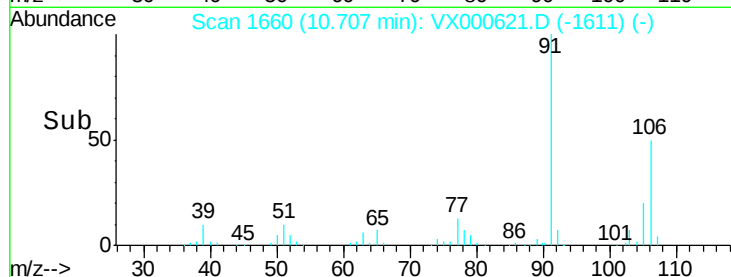
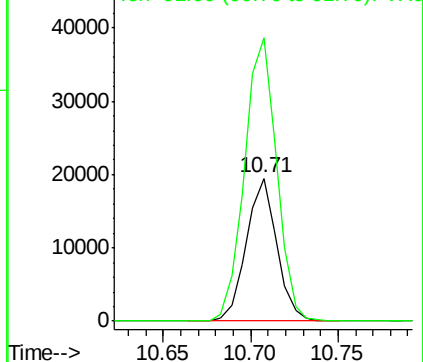


#69
o-Xylene
Concen: 9.10 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Tot Ion:106 Resp: 23595
Ion Ratio Lower Upper
106 100
91 209.2 106.5 319.6

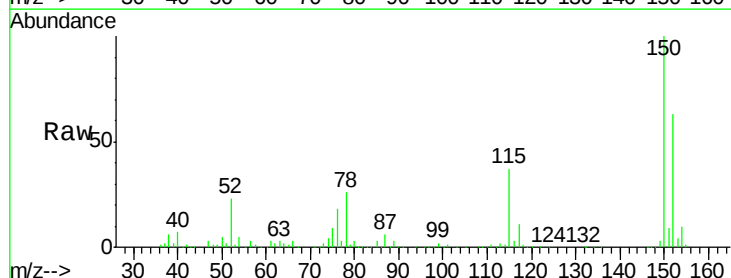


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

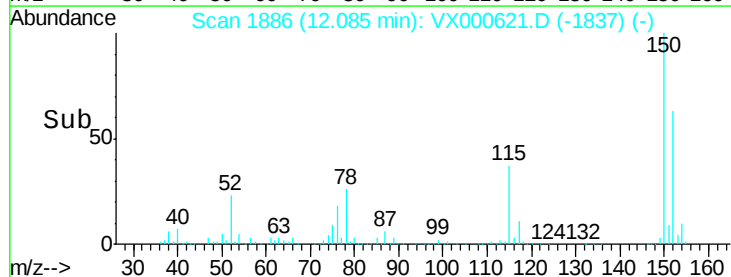
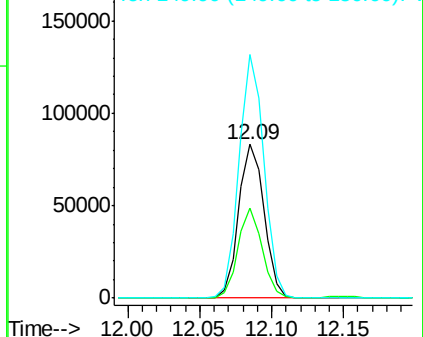


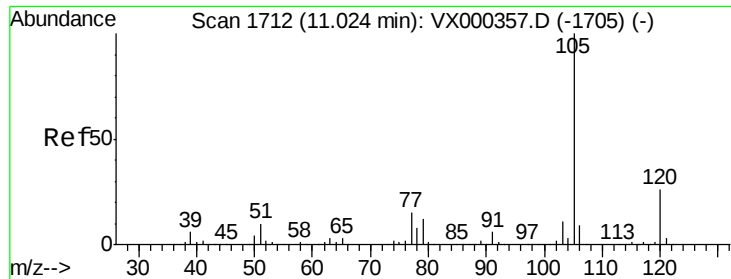
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000621.D
Acq: 01 Apr 2018 04:03

Tgt Ion:152 Resp: 102529
Ion Ratio Lower Upper
152 100
115 55.9 39.8 119.3
150 154.5 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: 1.05 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000621.D

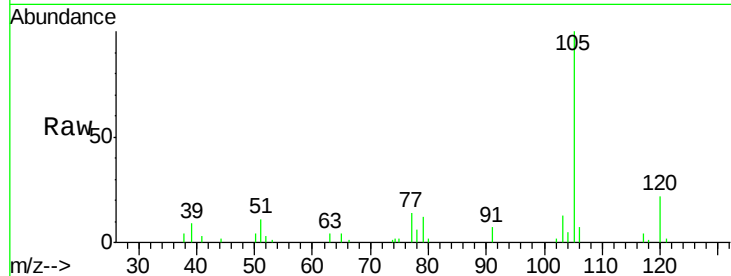
Acq: 01 Apr 2018 04:03

Tot Ion: 105 Resp: 7145

Ion Ratio Lower Upper

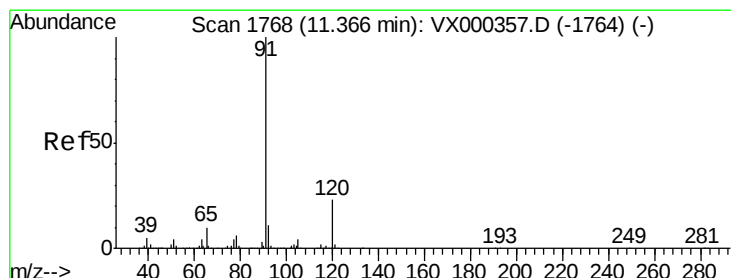
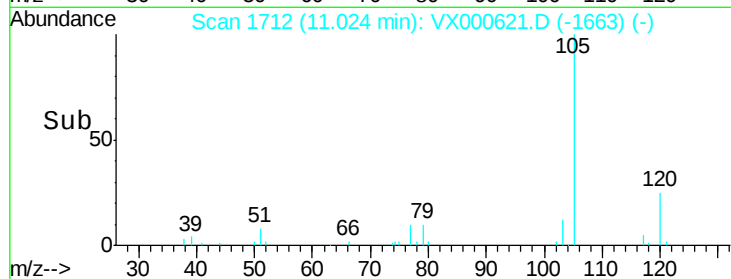
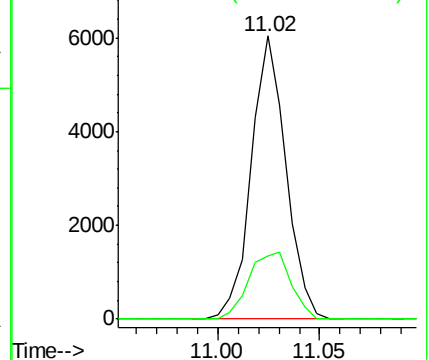
105 100

120 28.6 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: 2.65 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000621.D

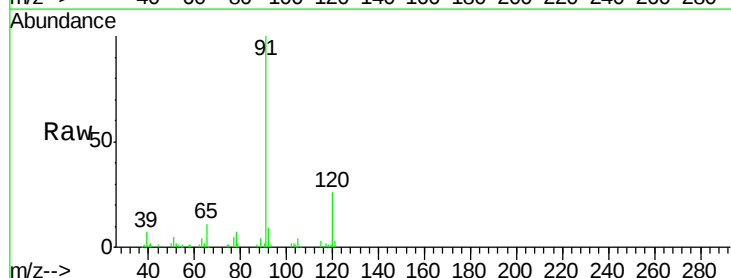
Acq: 01 Apr 2018 04:03

Tgt Ion: 91 Resp: 21494

Ion Ratio Lower Upper

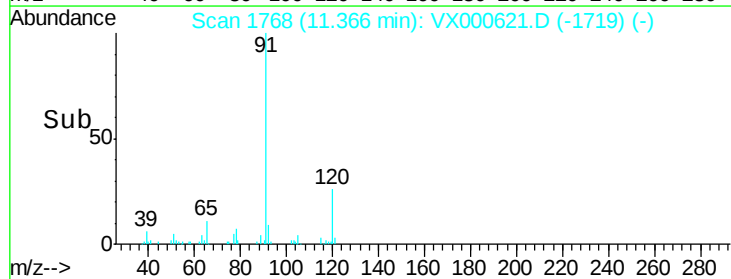
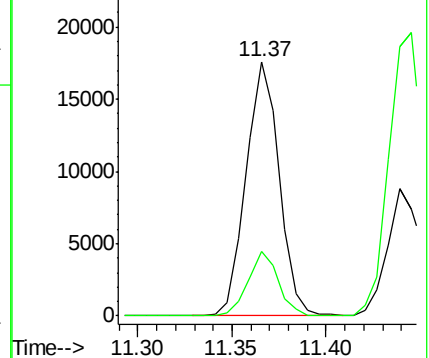
91 100

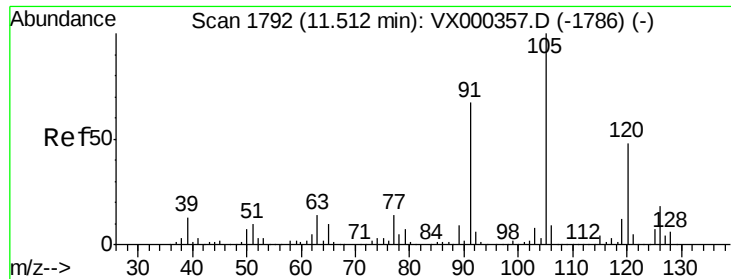
120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

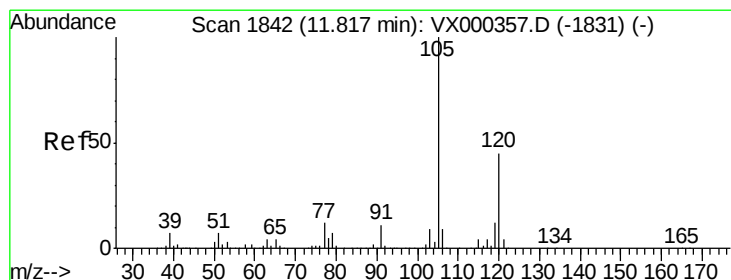
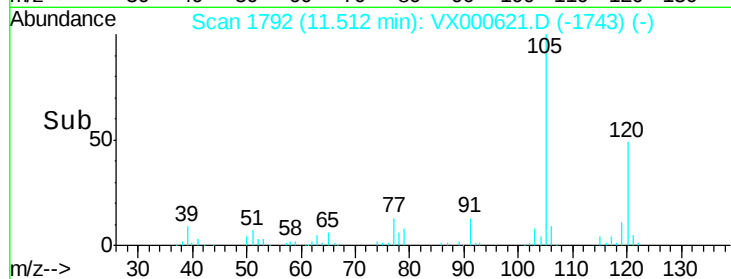
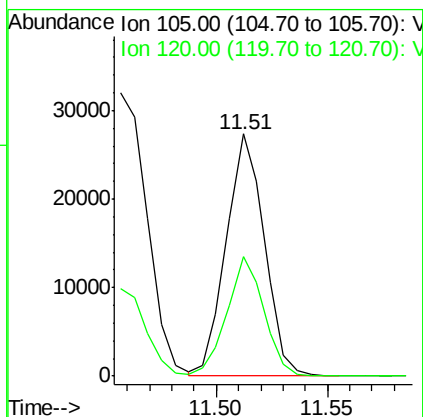
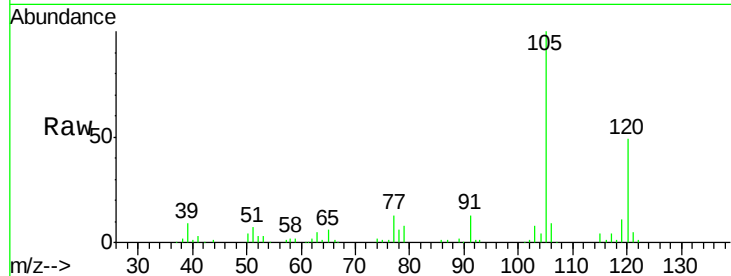
Ion 120.00 (119.70 to 120.70): V





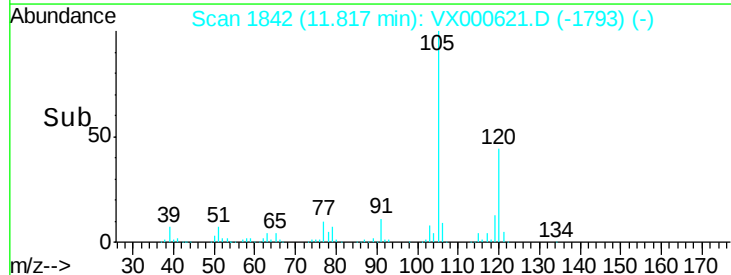
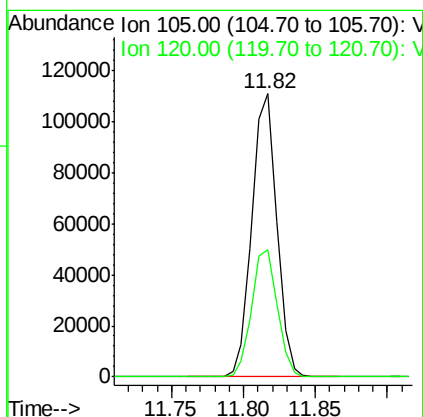
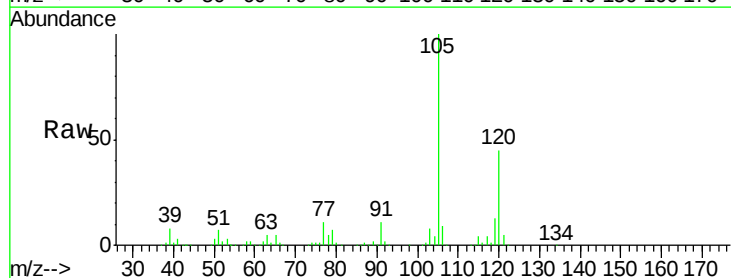
#80
 1,3,5-Trimethylbenzene
 Concen: 5.72 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000621.D
 Acq: 01 Apr 2018 04:03

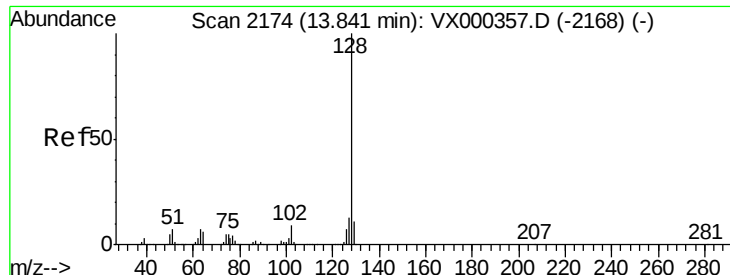
Tot Ion:105 Resp: 32685
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.4



#84
 1,2,4-Trimethylbenzene
 Concen: 22.11 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000621.D
 Acq: 01 Apr 2018 04:03

Tgt Ion:105 Resp: 132395
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.4 67.3





#95

Naphthalene

Concen: 5.81 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000621.D

Acq: 01 Apr 2018 04:03

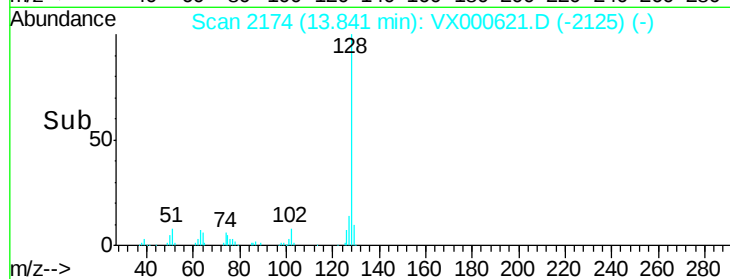
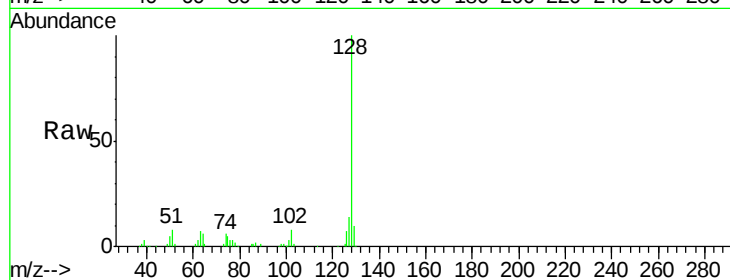
Tot Ion:128 Resp: 48659

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.5 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

