

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000622.D
 Acq On : 01 Apr 2018 04:29
 Operator : JC/MD
 Sample : J2132-09 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Quant Time: Apr 04 06:53:54 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	113244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	181315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	181205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	114289	50.00	ug/l	0.00

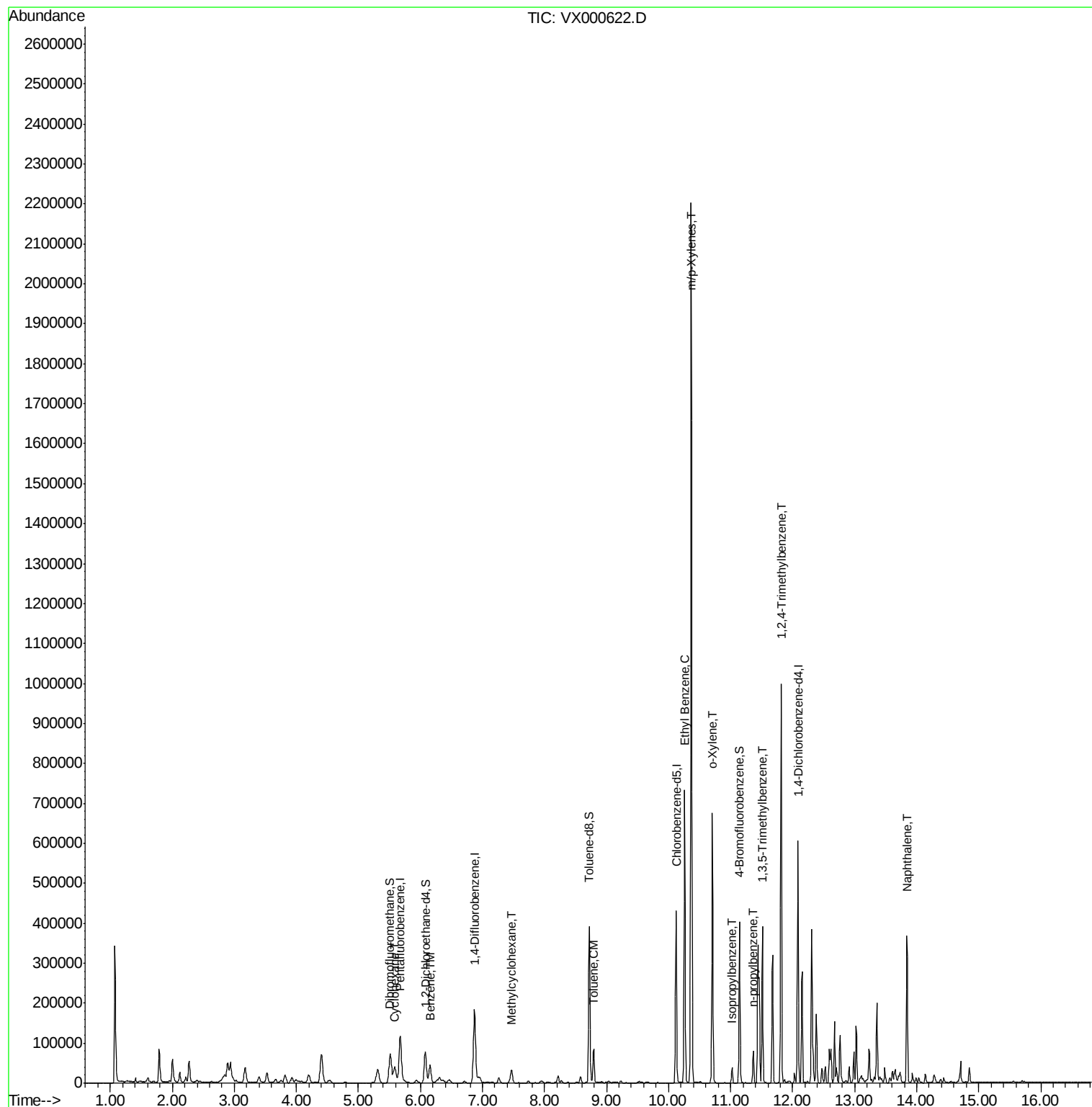
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	71947	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
35) Dibromofluoromethane	5.51	113	57080	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
50) Toluene-d8	8.72	98	234596	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.15	95	90744	45.95	ug/l	0.00
Spiked Amount			Recovery	=	91.90%	

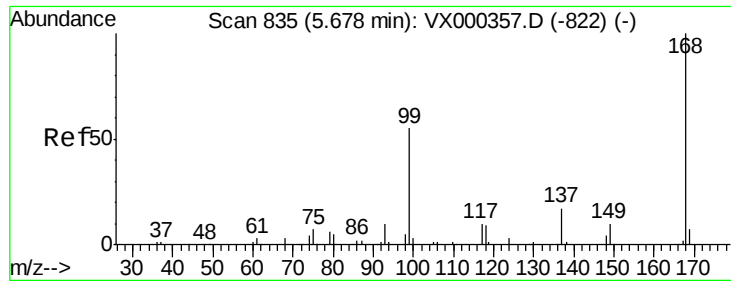
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.59	56	25627	13.74	ug/l	# 89
39) Methylcyclohexane	7.47	83	13549	6.56	ug/l	97
40) Benzene	6.15	78	48708	9.88	ug/l	94
52) Toluene	8.79	92	29522	8.56	ug/l	100
67) Ethyl Benzene	10.26	91	420838	61.56	ug/l	97
68) m/p-Xylenes	10.37	106	475684	176.84	ug/l	98
69) o-Xylene	10.71	106	141452	54.31	ug/l	100
73) Isopropylbenzene	11.02	105	17646	2.33	ug/l	99
78) n-propylbenzene	11.37	91	46028	5.10	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	156666	24.61	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	417792	62.59	ug/l	99
95) Naphthalene	13.84	128	213813	22.90	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: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000622.D

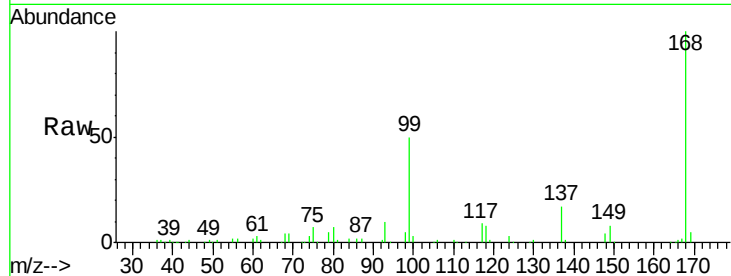
Acq: 01 Apr 2018 04:29

Tot Ion:168 Resp: 113244

Ion Ratio Lower Upper

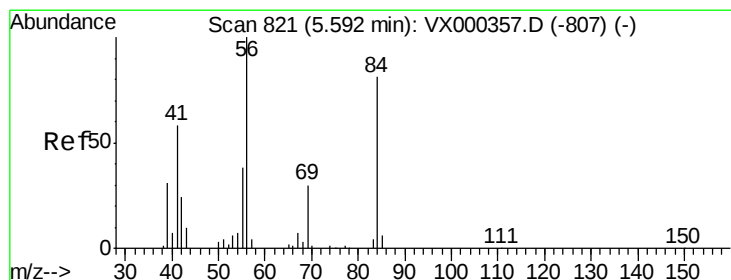
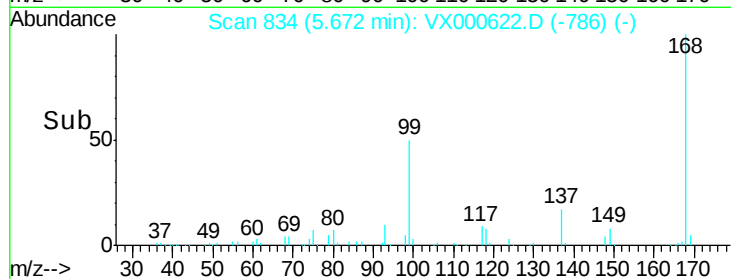
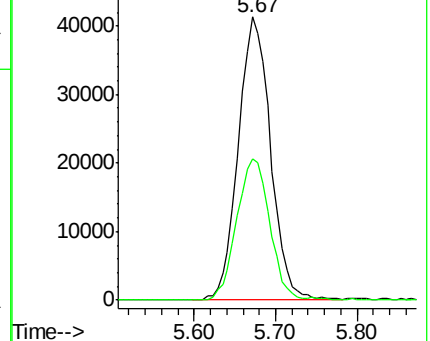
168 100

99 49.7 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: 13.74 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

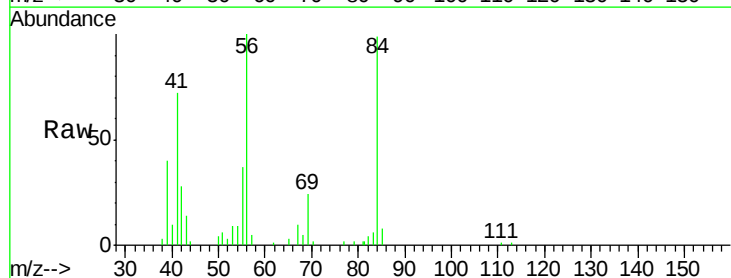
Tgt Ion: 56 Resp: 25627

Ion Ratio Lower Upper

56 100

69 22.1 23.4 35.0#

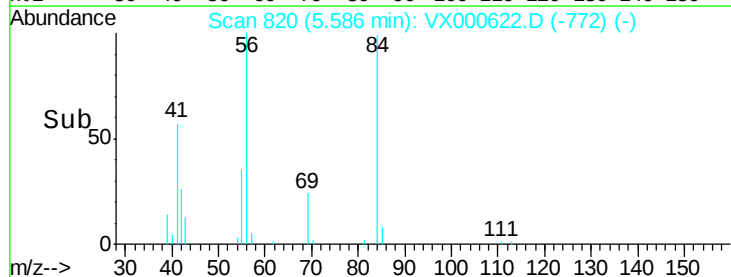
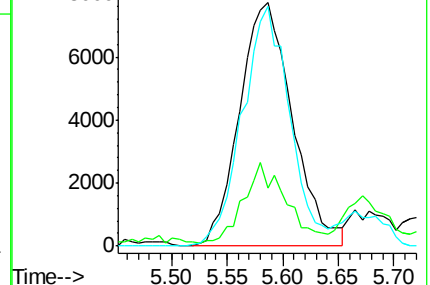
84 98.0 71.0 106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

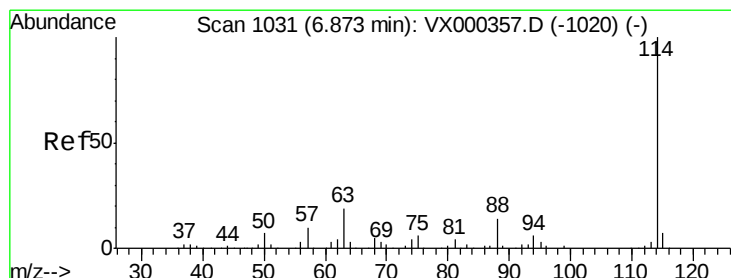
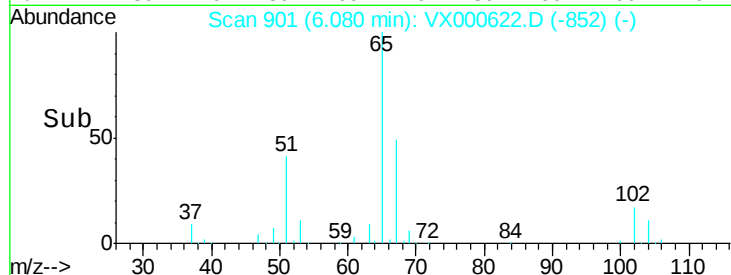
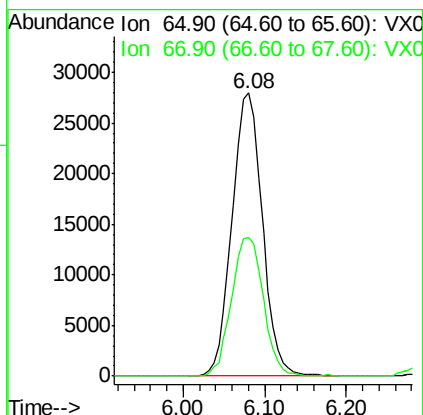
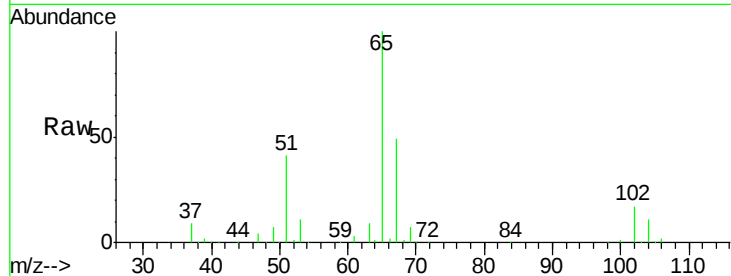
Ion 84.00 (83.70 to 84.70): VX0





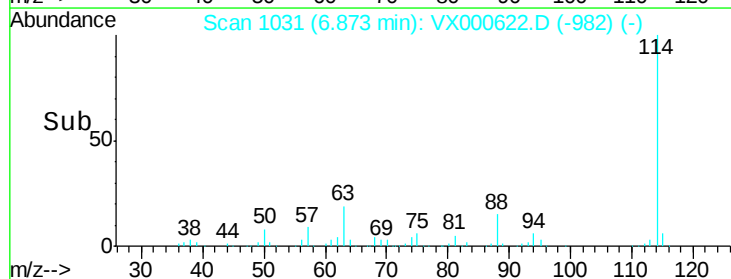
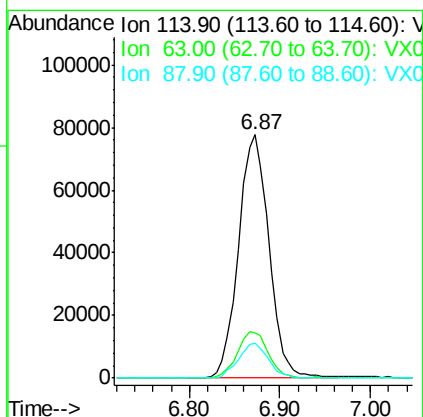
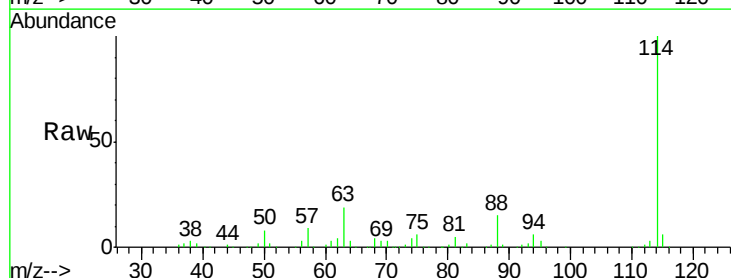
#33
 1,2-Dichloroethane-d4
 Concen: 48.67 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000622.D
 Acq: 01 Apr 2018 04:29

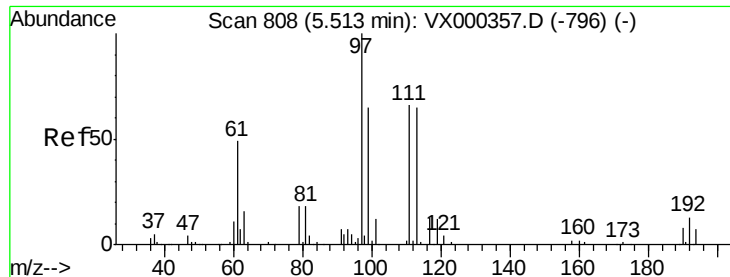
Tot Ion: 65 Resp: 71947
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000622.D
 Acq: 01 Apr 2018 04:29

Tgt Ion: 114 Resp: 181315
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.4
 88 14.6 0.0 27.0





#35

Dibromofluoromethane

Concen: 49.96 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

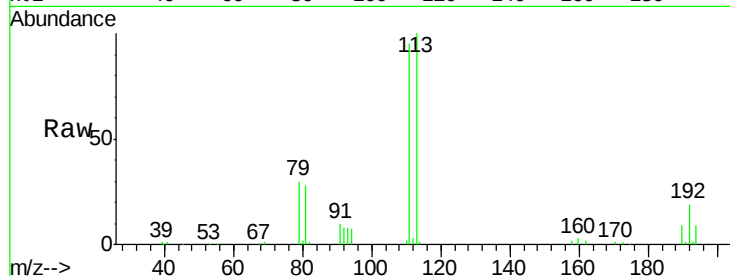
Tot Ion:113 Resp: 57080

Ion Ratio Lower Upper

113 100

111 100.1 82.4 123.6

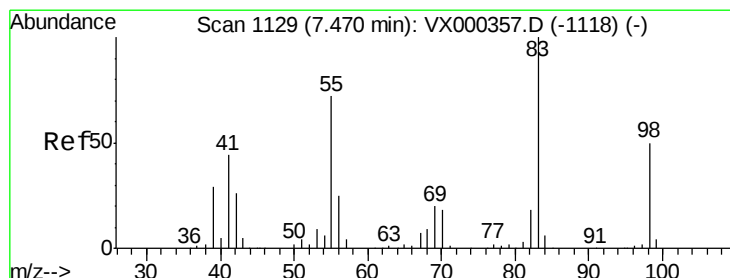
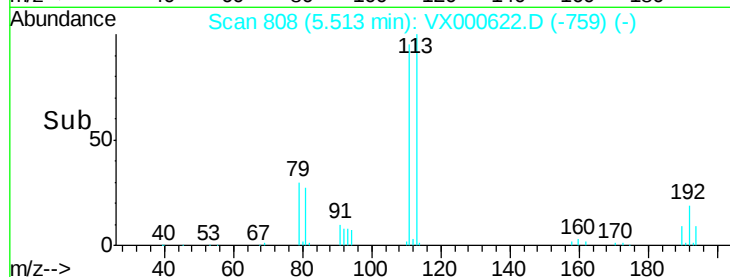
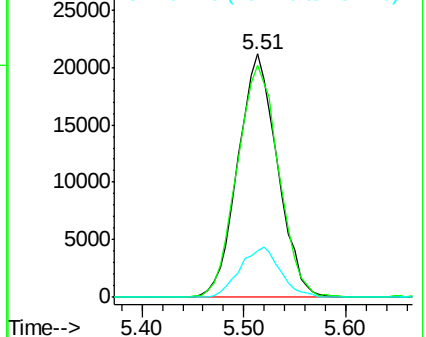
192 21.1 15.8 23.6



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: 6.56 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

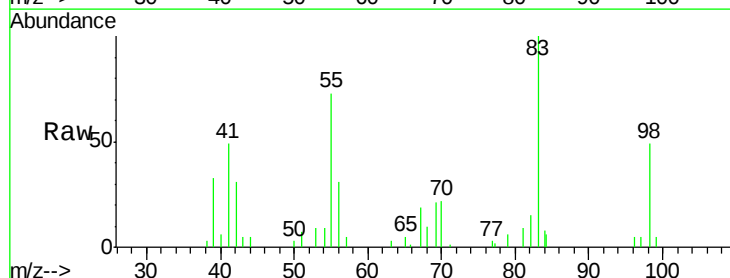
Tgt Ion: 83 Resp: 13549

Ion Ratio Lower Upper

83 100

55 73.3 55.5 83.3

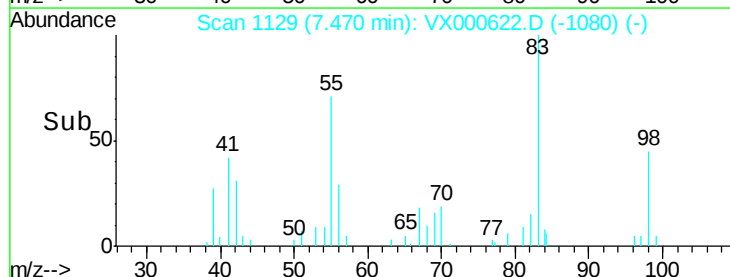
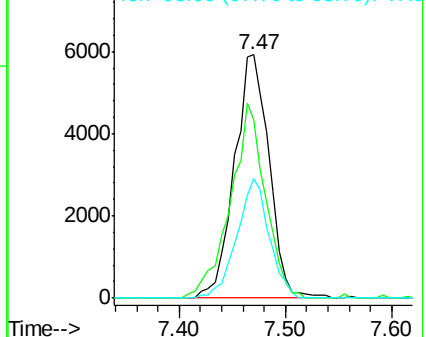
98 48.8 38.2 57.4

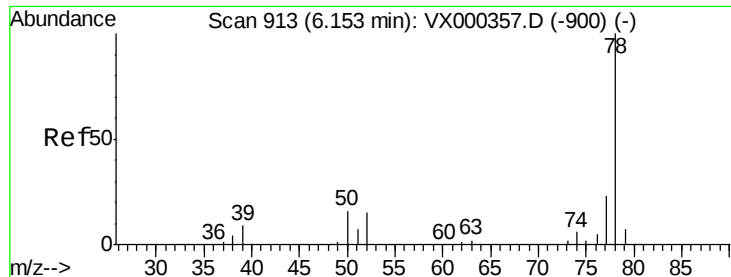


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 9.88 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000622.D

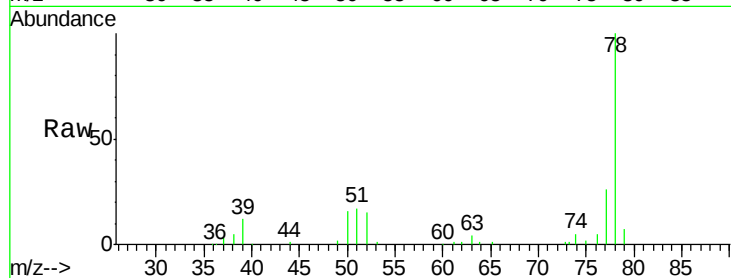
Acq: 01 Apr 2018 04:29

Tot Ion: 78 Resp: 48708

Ion Ratio Lower Upper

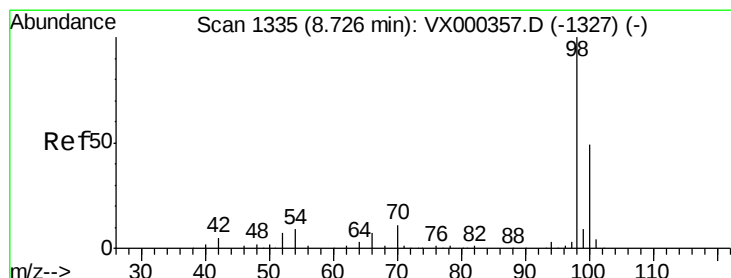
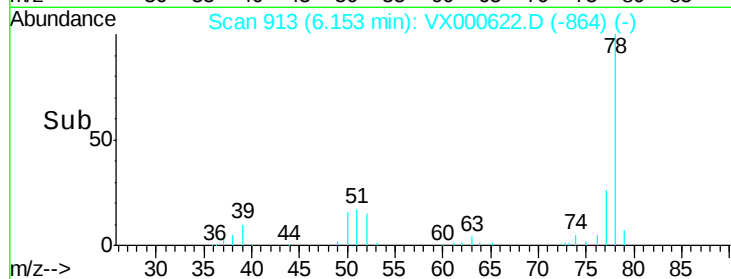
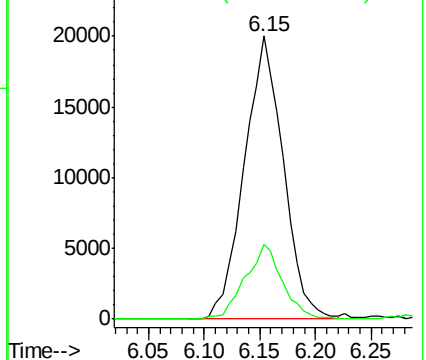
78 100

77 26.3 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 49.58 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000622.D

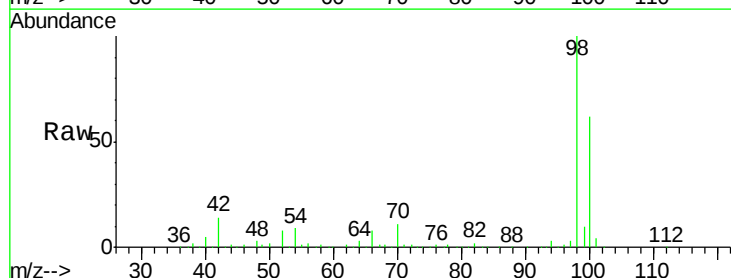
Acq: 01 Apr 2018 04:29

Tgt Ion: 98 Resp: 234596

Ion Ratio Lower Upper

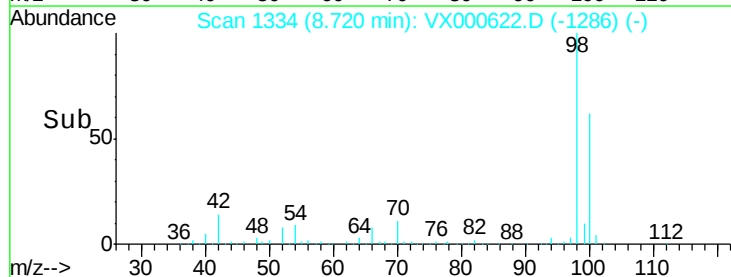
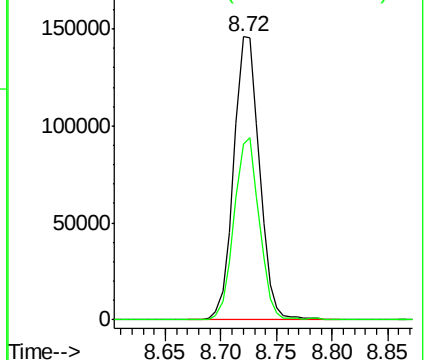
98 100

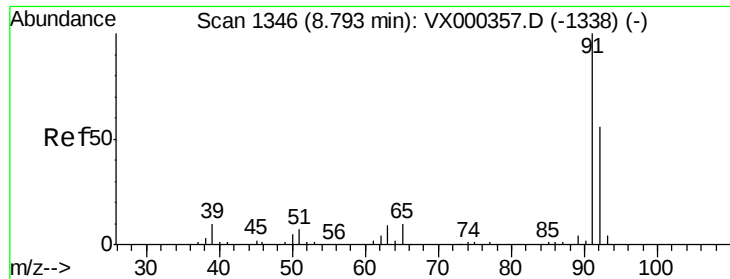
100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 8.56 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000622.D

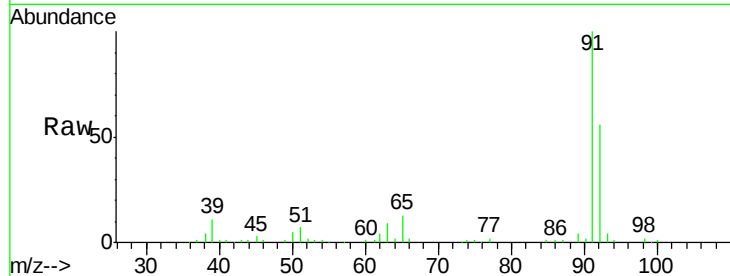
Acq: 01 Apr 2018 04:29

Tot Ion: 92 Resp: 29522

Ion Ratio Lower Upper

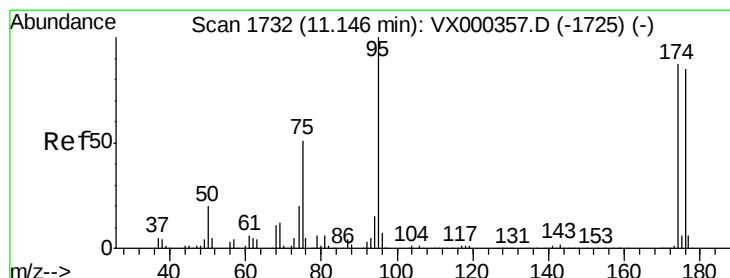
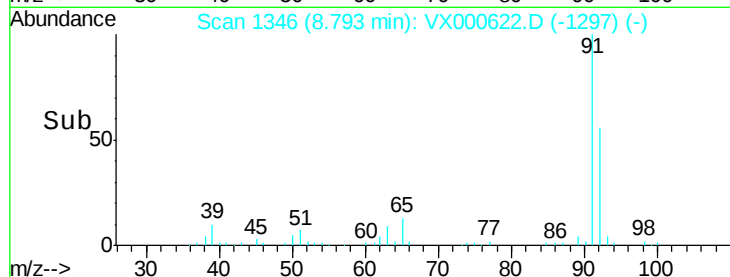
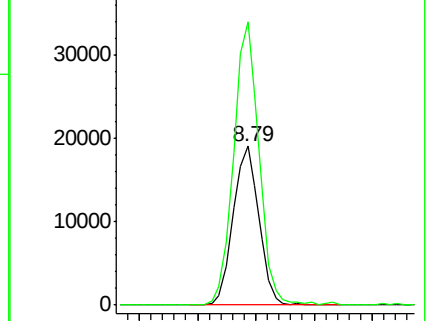
92 100

91 174.9 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 45.95 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

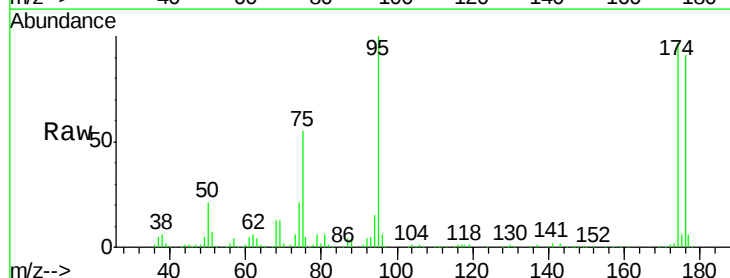
Tgt Ion: 95 Resp: 90744

Ion Ratio Lower Upper

95 100

174 90.6 0.0 173.6

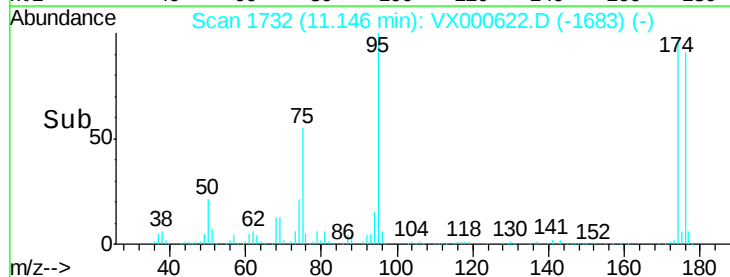
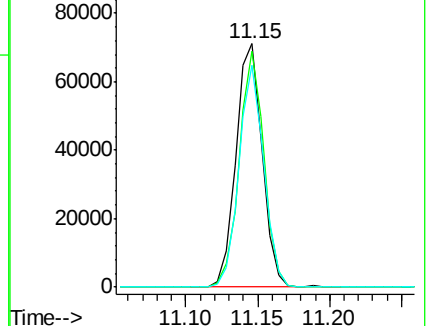
176 86.0 0.0 164.6

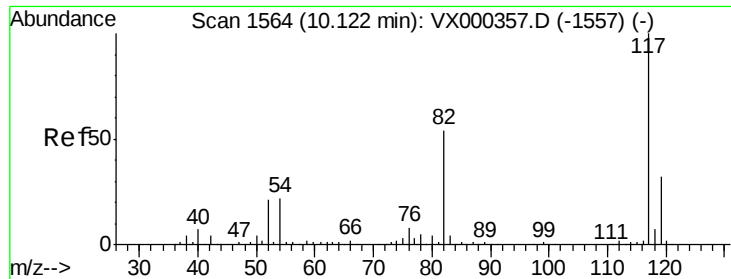


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

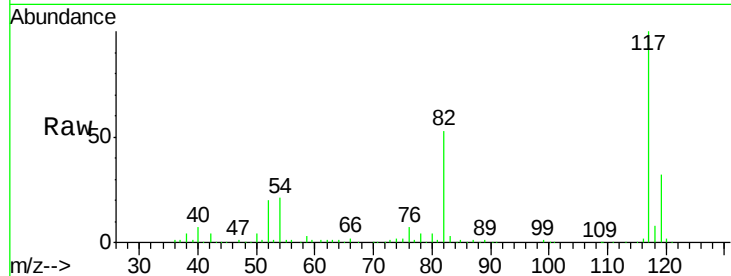
Ion 175.80 (175.50 to 176.50): V



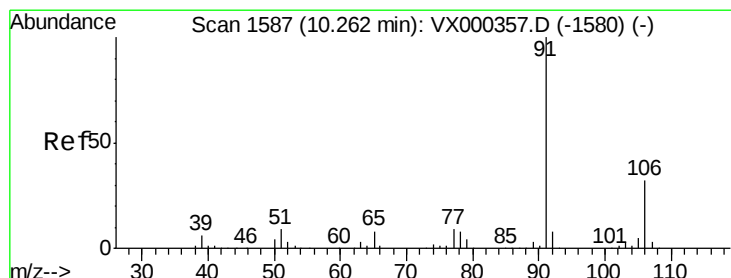
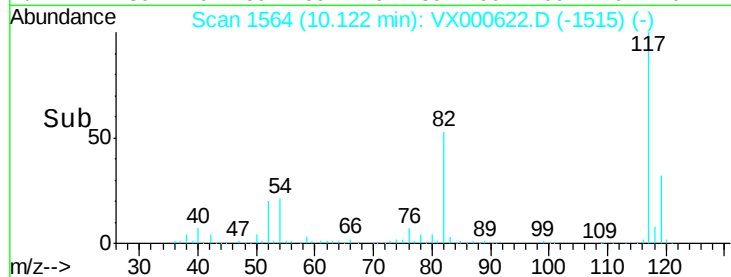
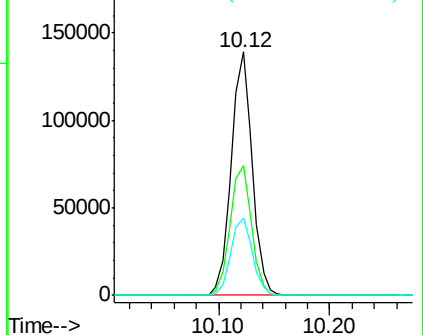


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000622.D
Acq: 01 Apr 2018 04:29

Tot Ion:117 Resp: 181205
Ion Ratio Lower Upper
117 100
82 53.5 43.8 65.8
119 31.7 24.9 37.3

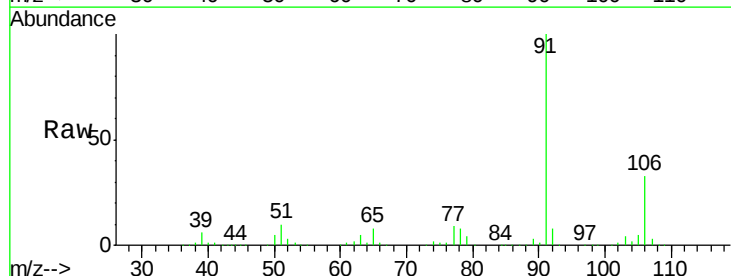


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

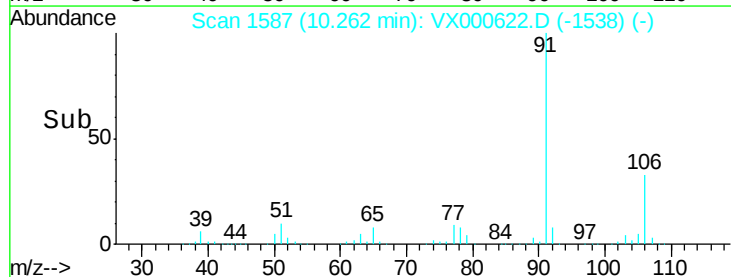
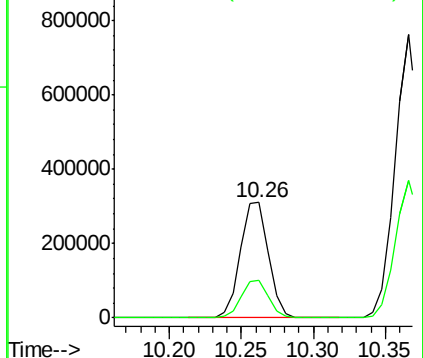


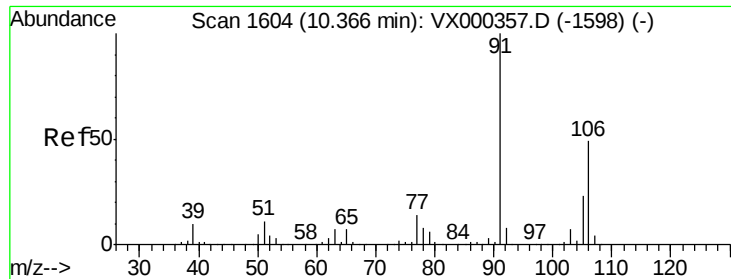
#67
Ethyl Benzene
Concen: 61.56 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000622.D
Acq: 01 Apr 2018 04:29

Tgt Ion: 91 Resp: 420838
Ion Ratio Lower Upper
91 100
106 32.9 25.0 37.6



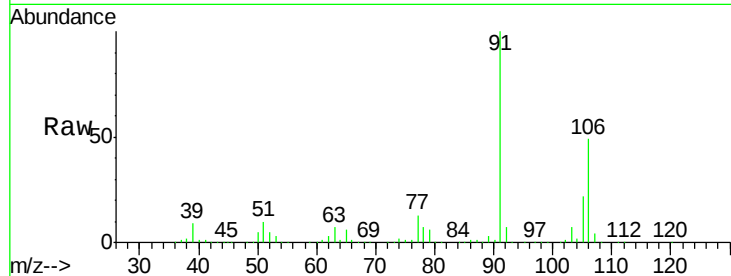
Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V



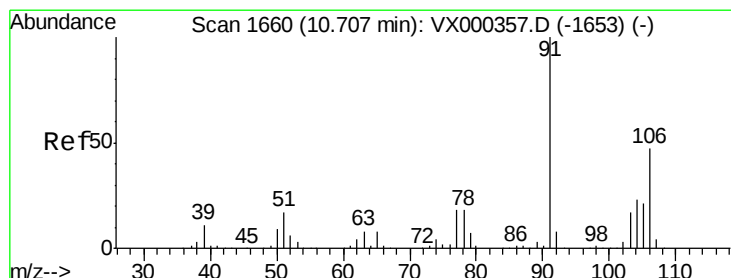
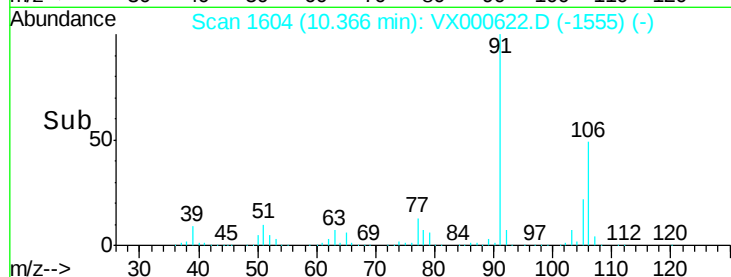
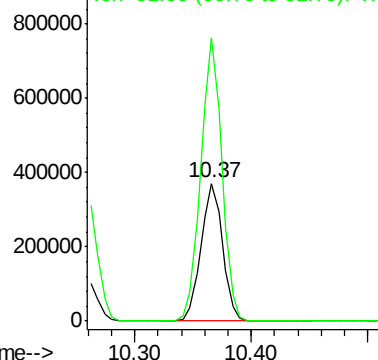


#68
m/p-Xvlenes
Concen: 176.84 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000622.D
Acq: 01 Apr 2018 04:29

Tot Ion:106 Resp: 475684
Ion Ratio Lower Upper
106 100
91 202.0 163.4 245.2

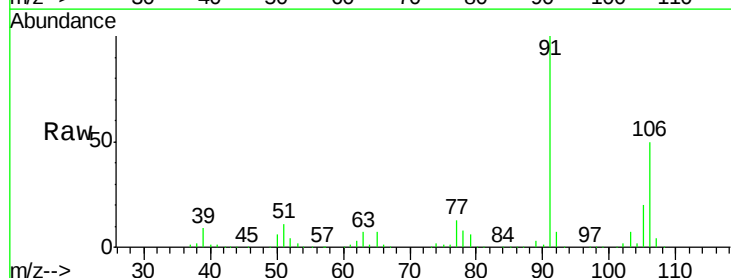


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

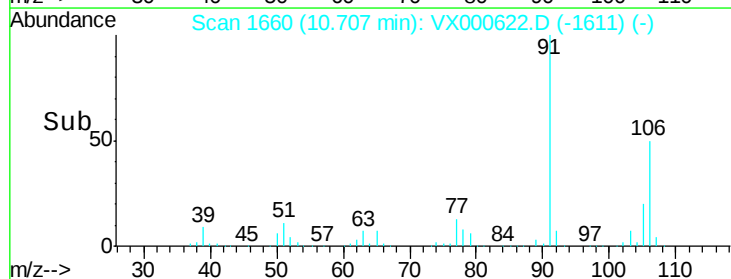
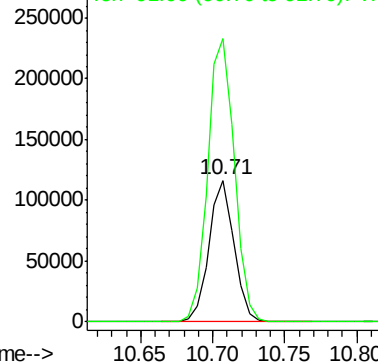


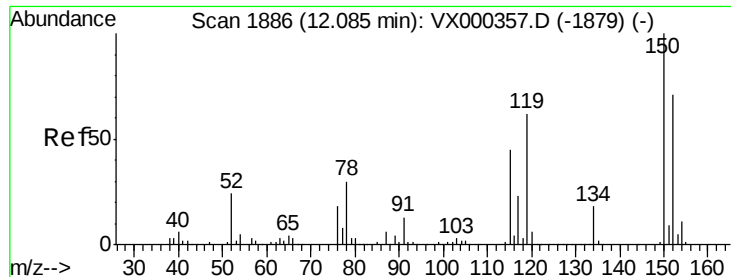
#69
o-Xylene
Concen: 54.31 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000622.D
Acq: 01 Apr 2018 04:29

Tgt Ion:106 Resp: 141452
Ion Ratio Lower Upper
106 100
91 212.6 106.5 319.6



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

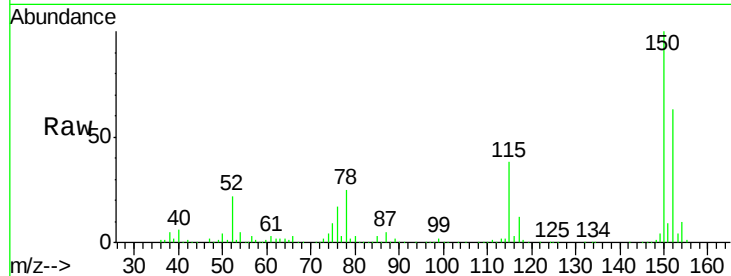




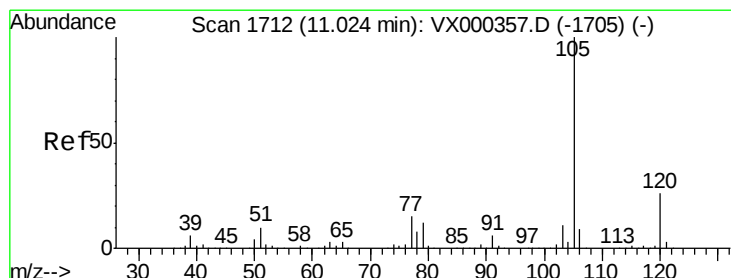
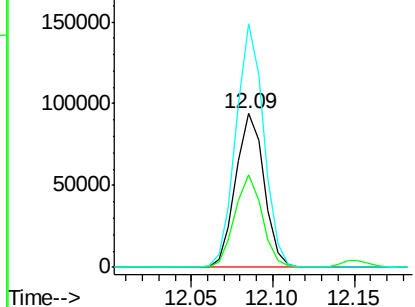
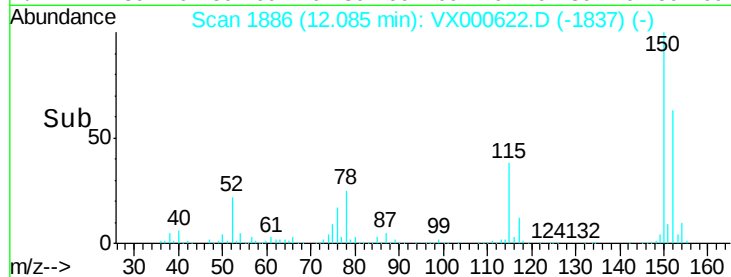
#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000622.D
Acq: 01 Apr 2018 04:29

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.0	39.8	119.3
150	154.5	0.0	344.4



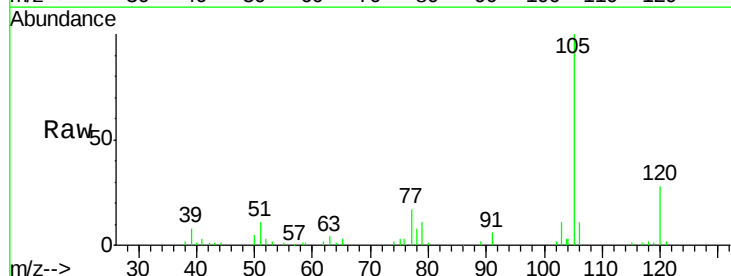
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



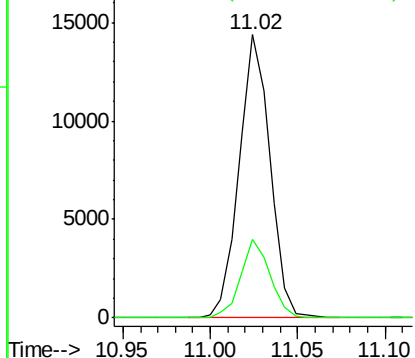
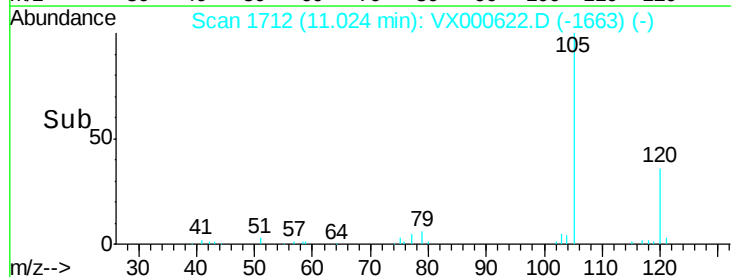
#73

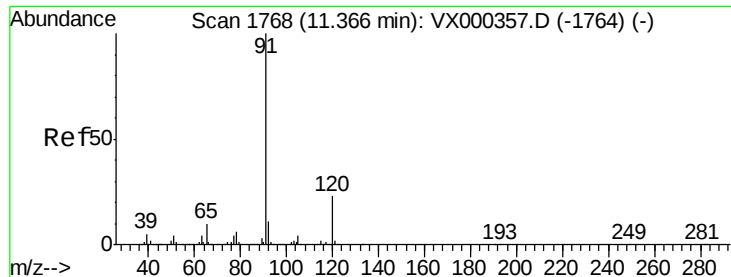
Isopropylbenzene
Concen: 2.33 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000622.D
Acq: 01 Apr 2018 04:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	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: 5.10 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000622.D

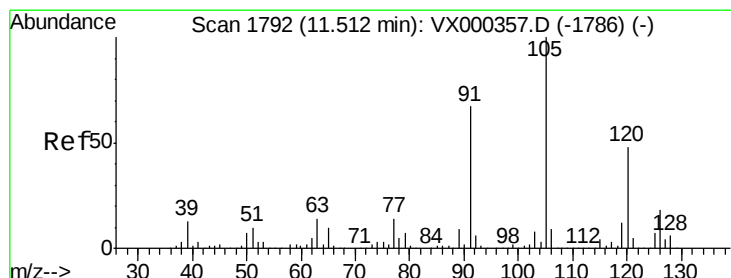
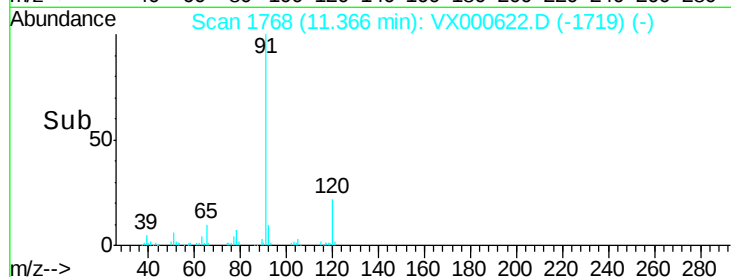
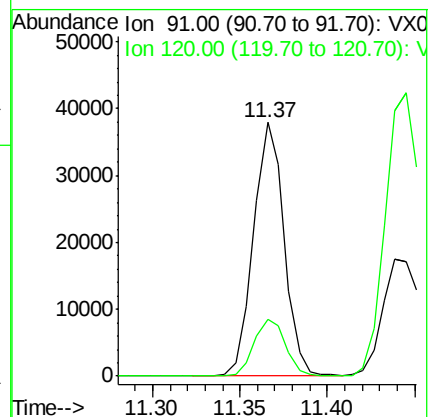
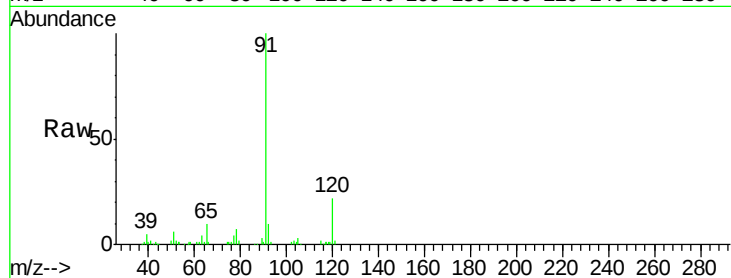
Acq: 01 Apr 2018 04:29

Tot Ion: 91 Resp: 46028

Ion Ratio Lower Upper

91 100

120 23.0 11.8 35.3



#80

1,3,5-Trimethylbenzene

Concen: 24.61 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000622.D

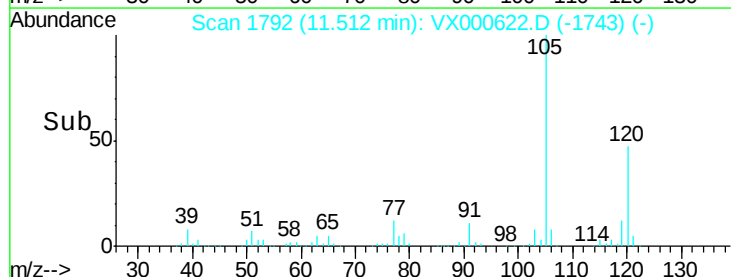
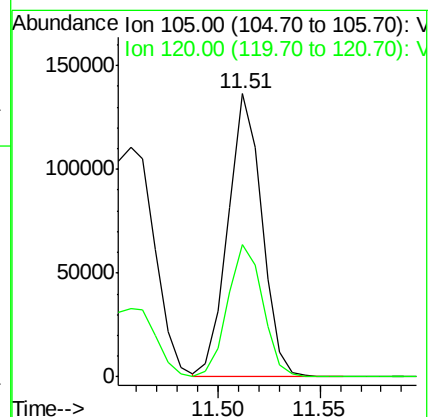
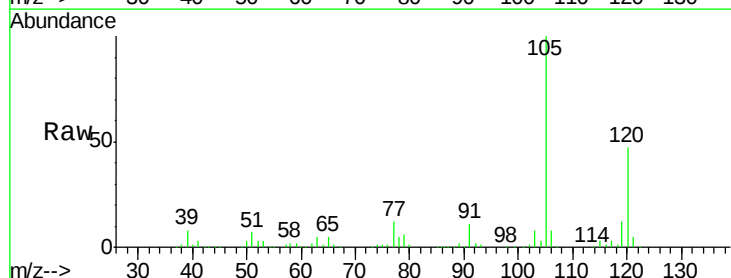
Acq: 01 Apr 2018 04:29

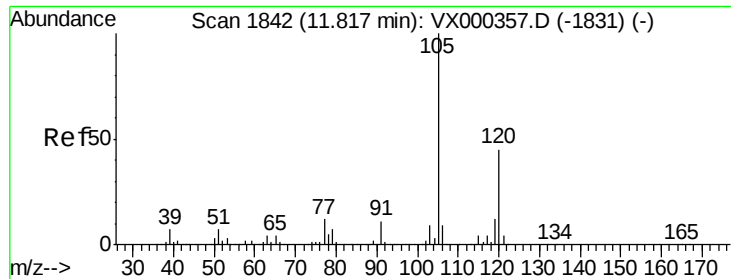
Tgt Ion: 105 Resp: 156666

Ion Ratio Lower Upper

105 100

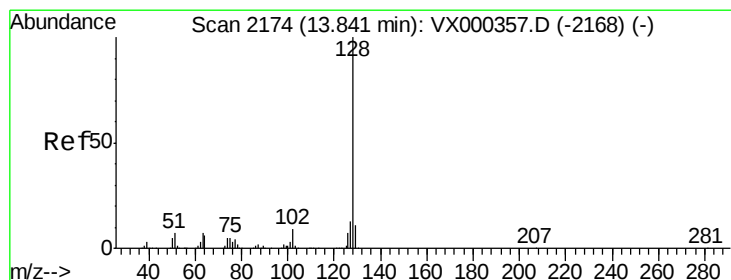
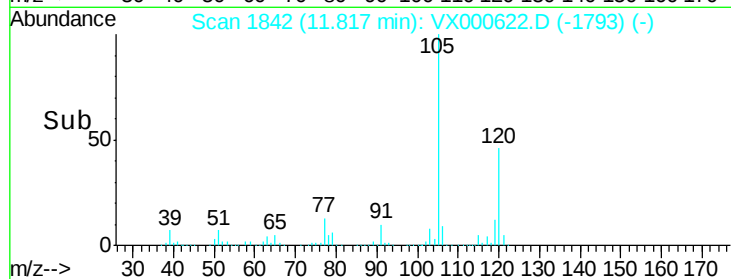
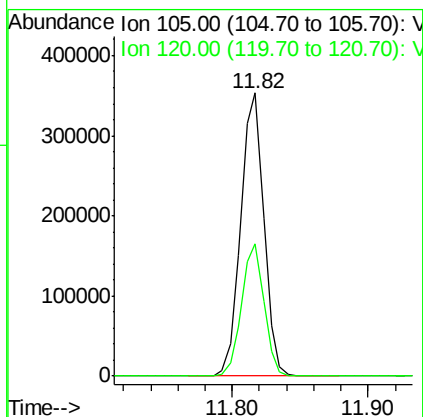
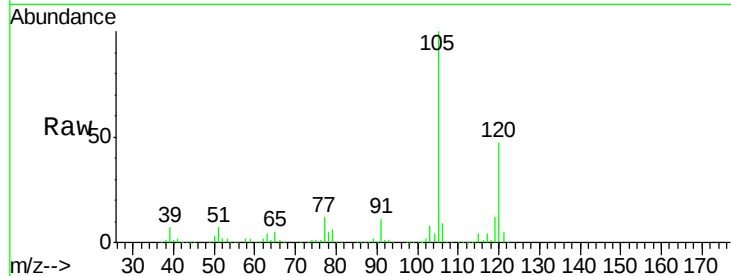
120 48.4 24.1 72.4





#84
 1,2,4-Trimethylbenzene
 Concen: 62.59 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000622.D
 Acq: 01 Apr 2018 04:29

Tot Ion:105 Resp: 417792
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.4 67.3



#95
 Naphthalene
 Concen: 22.90 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX000622.D
 Acq: 01 Apr 2018 04:29

Tgt Ion:128 Resp: 213813
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.6 15.8
 129 11.0 8.9 13.3

