

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000620.D
 Acq On : 01 Apr 2018 03:38
 Operator : JC/MD
 Sample : J2132-05 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Quant Time: Apr 02 07:30:24 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	112145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	182642	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	184068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107495	50.00	ug/l	0.00

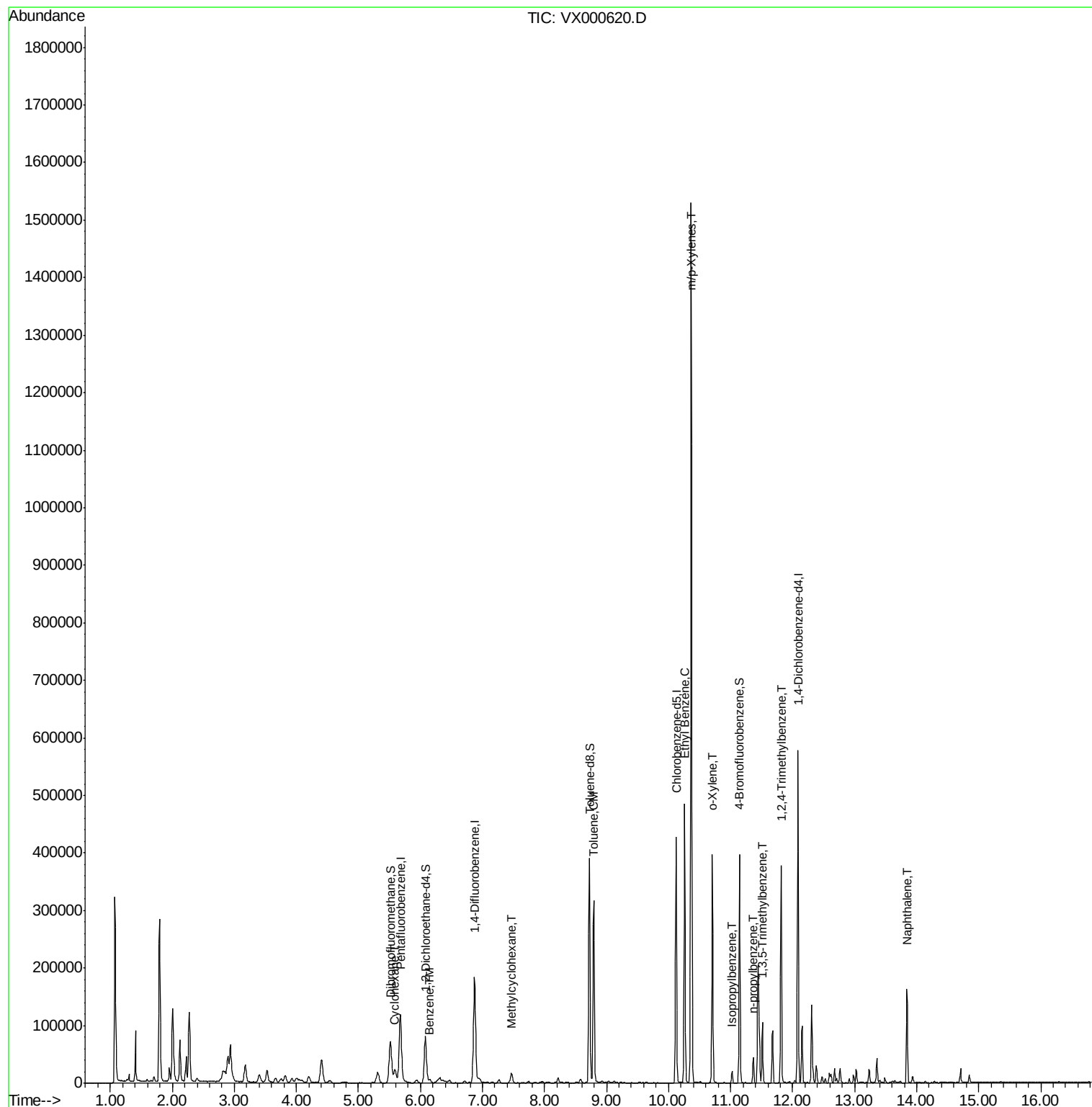
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	70213	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
35) Dibromofluoromethane	5.52	113	55367	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
50) Toluene-d8	8.73	98	228482	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
62) 4-Bromofluorobenzene	11.15	95	86995	44.03	ug/l	0.00
Spiked Amount			Recovery	=	88.06%	

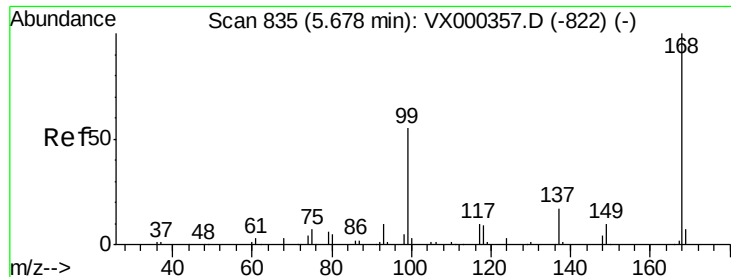
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.59	56	13344	7.23	ug/l	96
39) Methylcyclohexane	7.47	83	6091	2.93	ug/l	90
40) Benzene	6.15	78	6385	1.29	ug/l	100
52) Toluene	8.79	92	113110	32.57	ug/l	97
67) Ethyl Benzene	10.26	91	269735	38.84	ug/l	99
68) m/p-Xylenes	10.37	106	334700	122.49	ug/l	98
69) o-Xylene	10.71	106	80718	30.51	ug/l	97
73) Isopropylbenzene	11.02	105	8968	1.26	ug/l	99
78) n-propylbenzene	11.37	91	26257	3.09	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	42668	7.12	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	162271	25.84	ug/l	99
95) Naphthalene	13.84	128	94804	10.79	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
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: VX000620.D

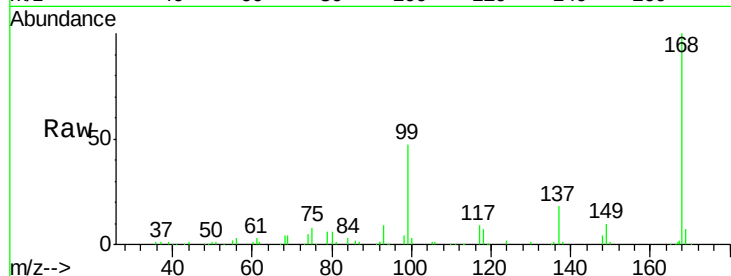
Acq: 01 Apr 2018 03:38

Tot Ion:168 Resp: 112145

Ion Ratio Lower Upper

168 100

99 47.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

40000

30000

20000

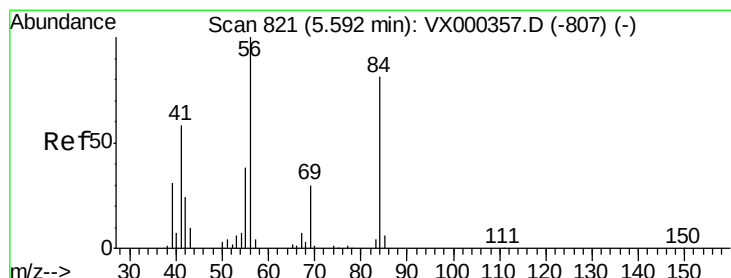
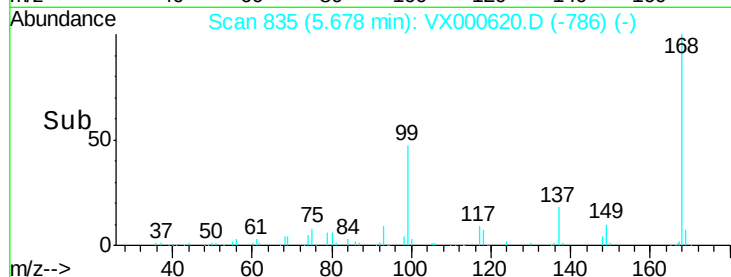
10000

0

5.68

5.60 5.70 5.80

Time-->



#31

Cyclohexane

Concen: 7.23 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000620.D

Acq: 01 Apr 2018 03:38

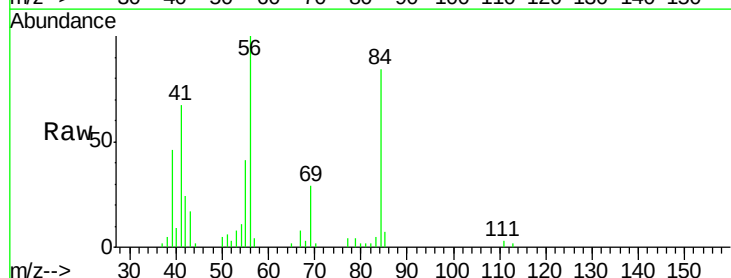
Tgt Ion: 56 Resp: 13344

Ion Ratio Lower Upper

56 100

69 28.5 23.4 35.0

84 83.6 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

6000

5000

4000

3000

2000

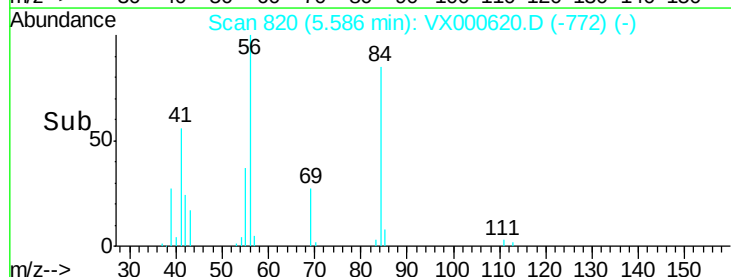
1000

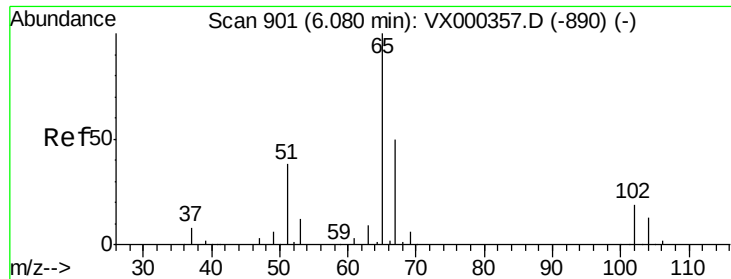
0

5.59

5.50 5.55 5.60 5.65

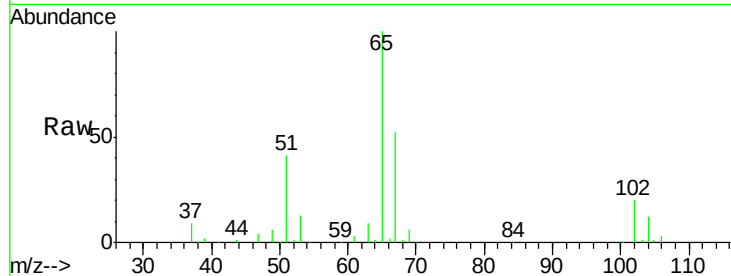
Time-->



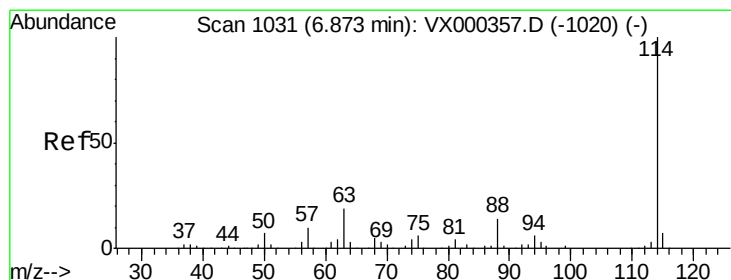
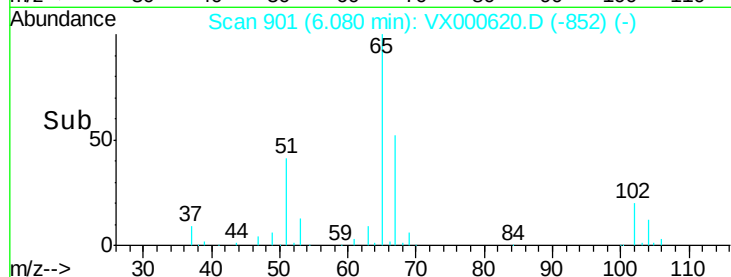
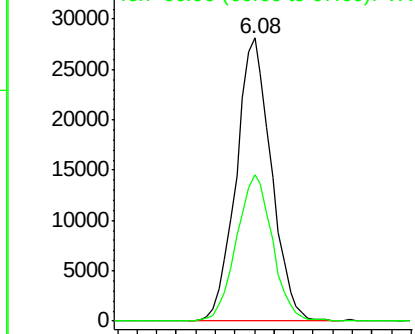


#33
 1,2-Dichloroethane-d4
 Concen: 47.96 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000620.D
 Acq: 01 Apr 2018 03:38

Tot Ion: 65 Resp: 70213
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.2

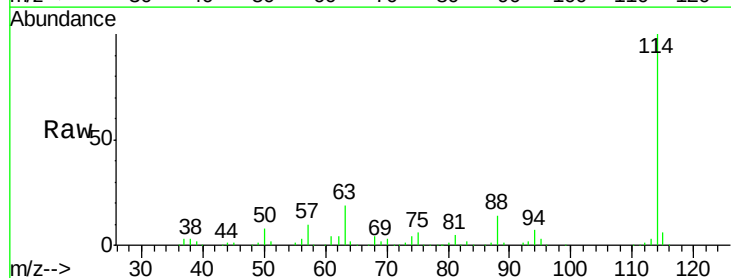


Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

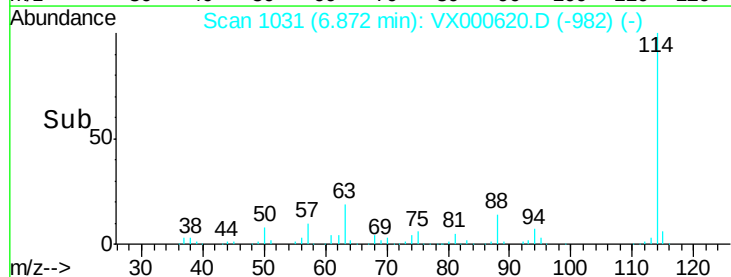
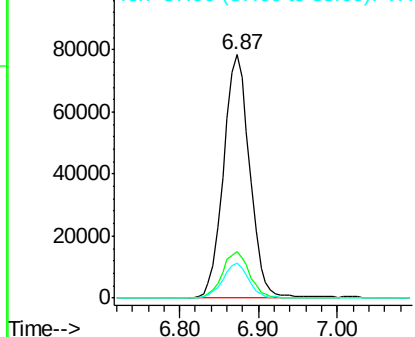


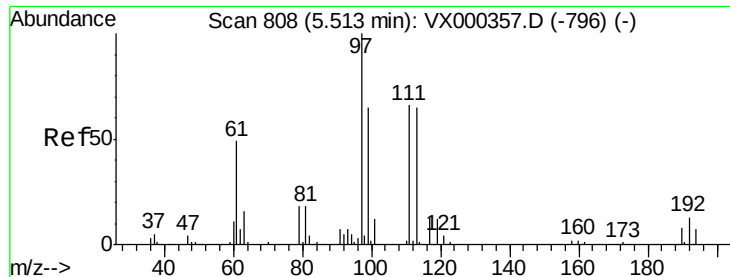
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000620.D
 Acq: 01 Apr 2018 03:38

Tgt Ion: 114 Resp: 182642
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 14.1 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.11 ug/l

RT: 5.52 min Scan# 809

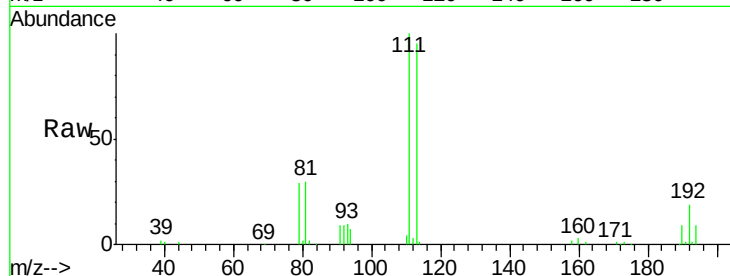
Delta R.T. 0.01 min

Lab File: VX000620.D

Acq: 01 Apr 2018 03:38

Tot Ion:113 Resp: 55367

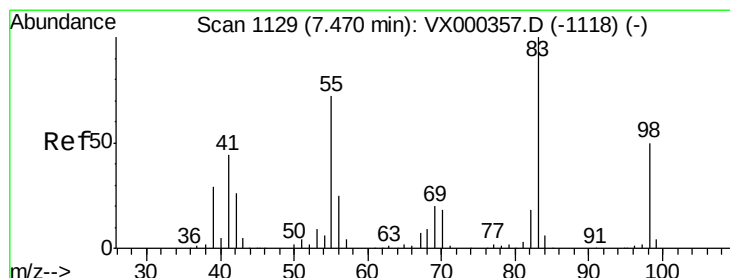
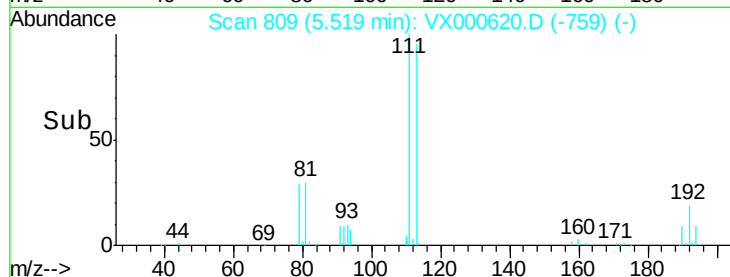
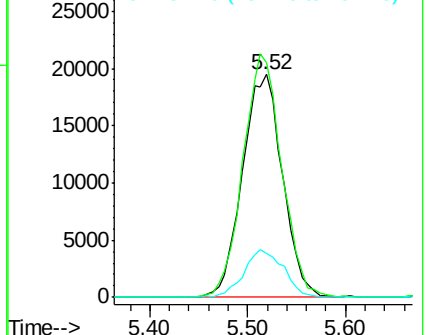
Ion	Ratio	Lower	Upper
113	100		
111	105.6	82.4	123.6
192	21.1	15.8	23.6



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: 2.93 ug/l

RT: 7.47 min Scan# 1129

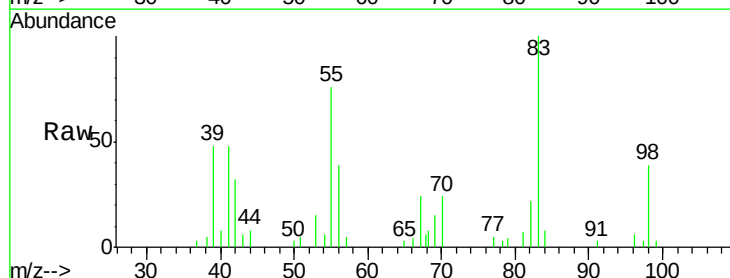
Delta R.T. -0.00 min

Lab File: VX000620.D

Acq: 01 Apr 2018 03:38

Tgt Ion: 83 Resp: 6091

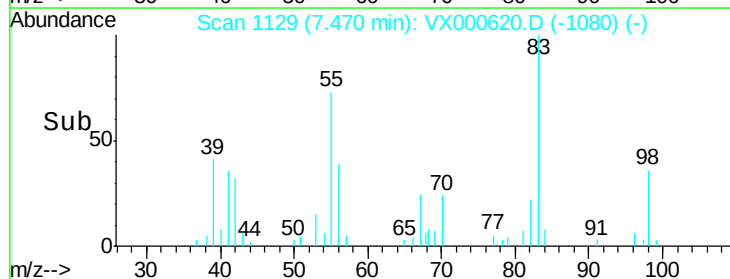
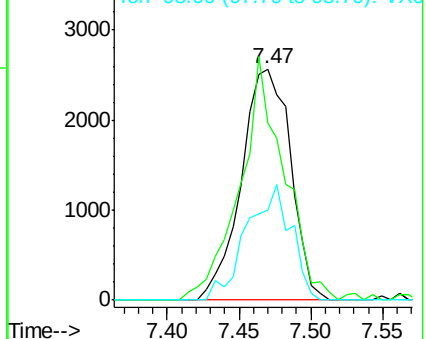
Ion	Ratio	Lower	Upper
83	100		
55	76.3	55.5	83.3
98	39.1	38.2	57.4

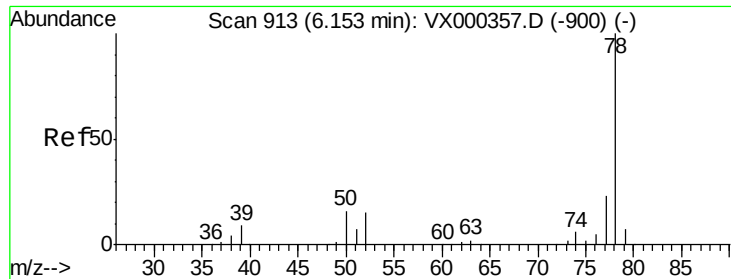


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.29 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX000620.D

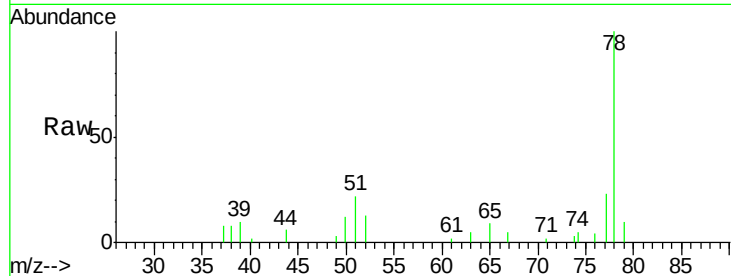
Acq: 01 Apr 2018 03:38

Tot Ion: 78 Resp: 6385

Ion Ratio Lower Upper

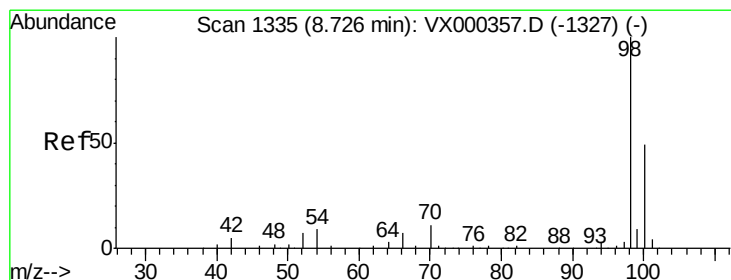
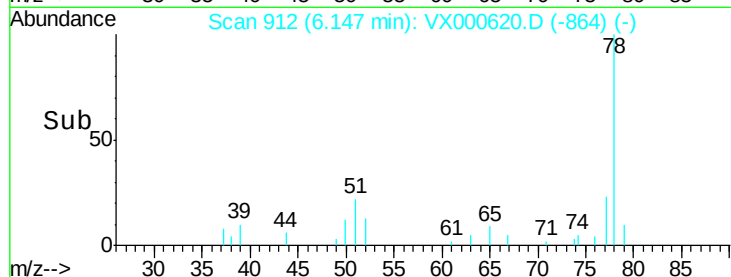
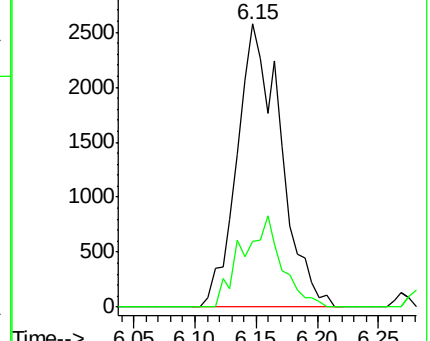
78 100

77 23.2 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: 47.94 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000620.D

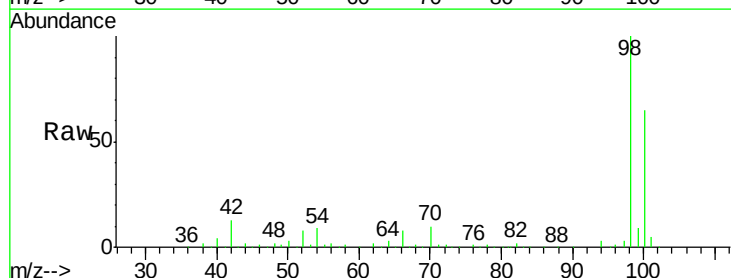
Acq: 01 Apr 2018 03:38

Tgt Ion: 98 Resp: 228482

Ion Ratio Lower Upper

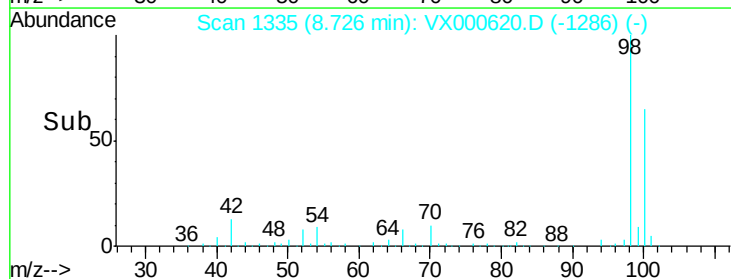
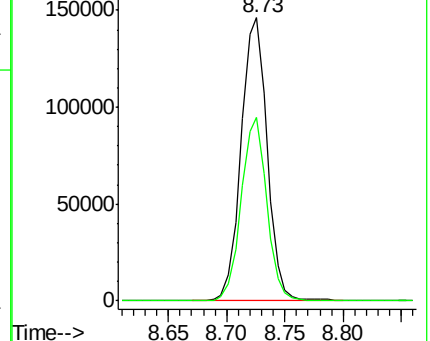
98 100

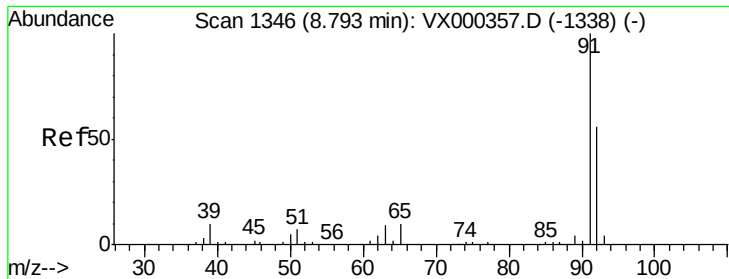
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 32.57 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000620.D

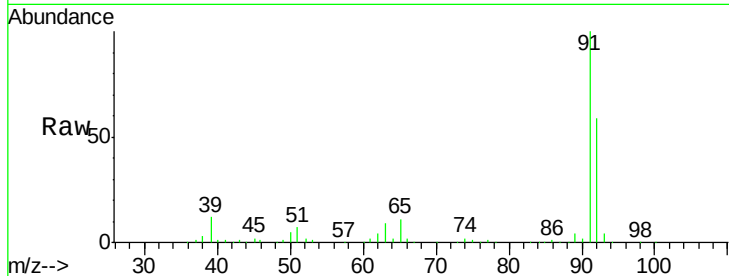
Acq: 01 Apr 2018 03:38

Tot Ion: 92 Resp: 113110

Ion Ratio Lower Upper

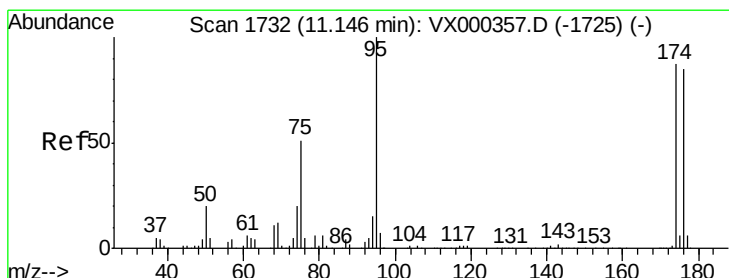
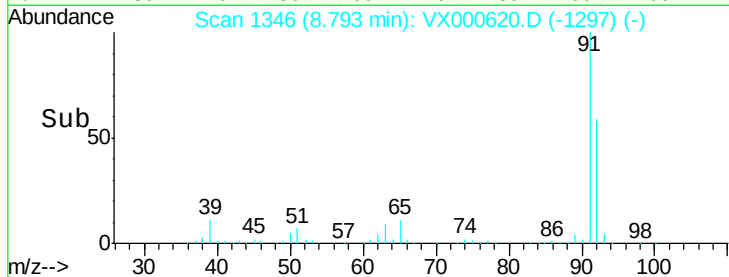
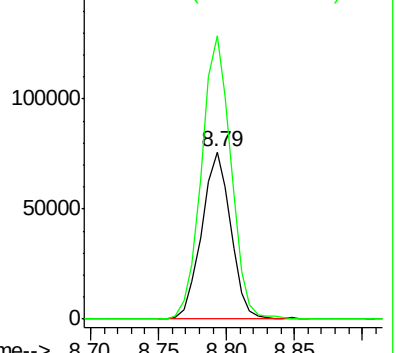
92 100

91 171.7 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 44.03 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000620.D

Acq: 01 Apr 2018 03:38

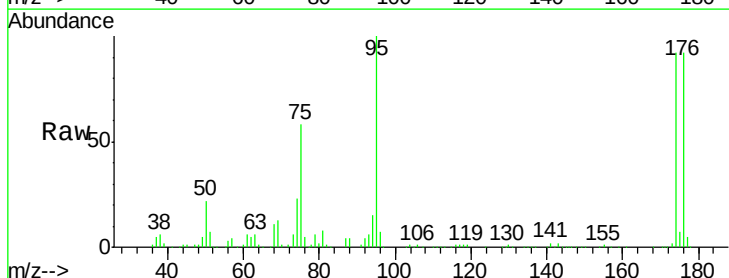
Tgt Ion: 95 Resp: 86995

Ion Ratio Lower Upper

95 100

174 91.3 0.0 173.6

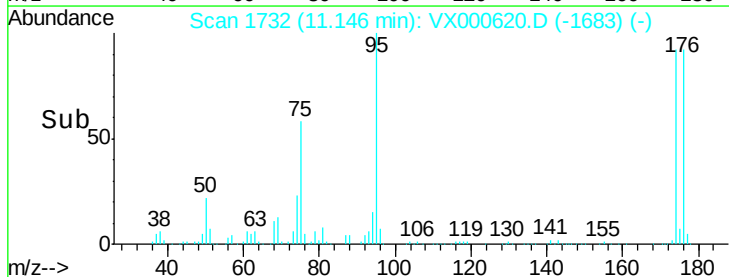
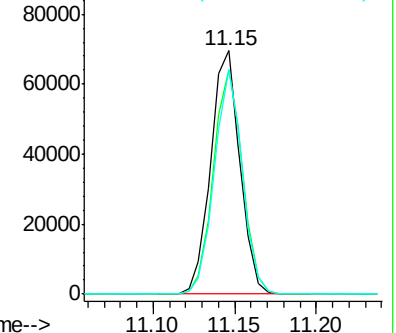
176 88.2 0.0 164.6

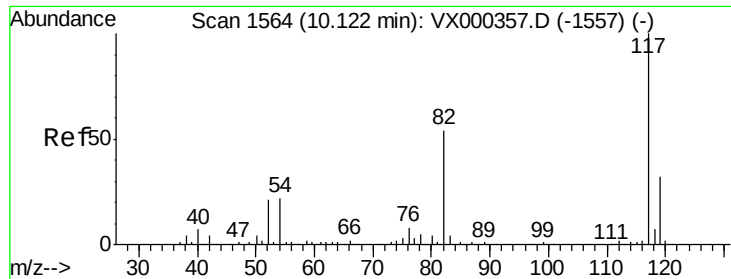


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

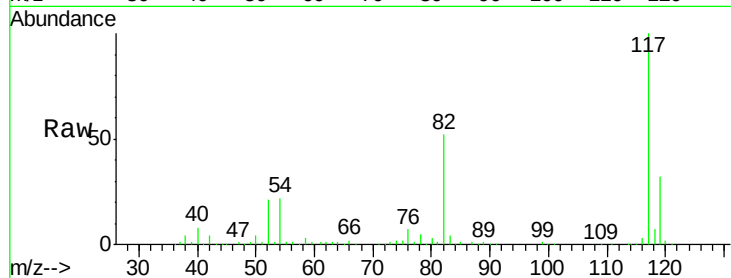
Ion 175.80 (175.50 to 176.50): V



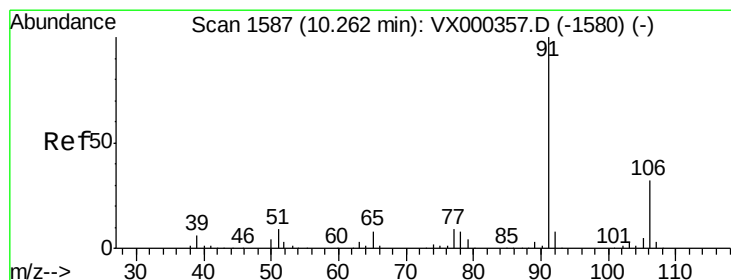
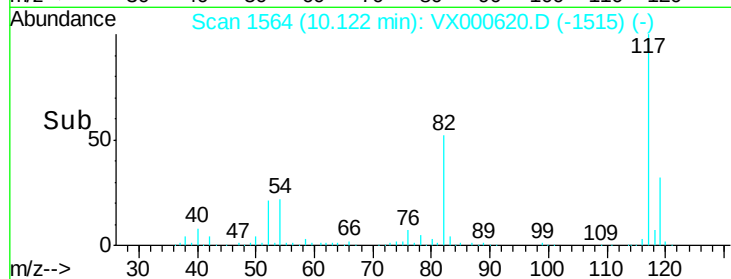
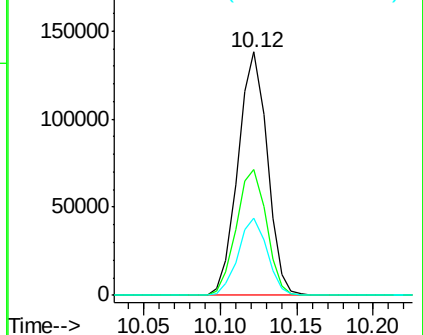


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000620.D
Acq: 01 Apr 2018 03:38

Tot Ion:117 Resp: 184068
Ion Ratio Lower Upper
117 100
82 51.9 43.8 65.8
119 31.9 24.9 37.3

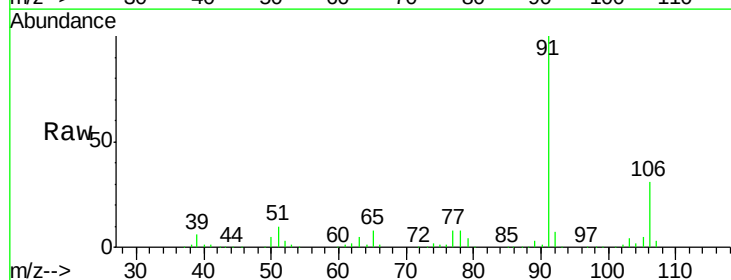


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

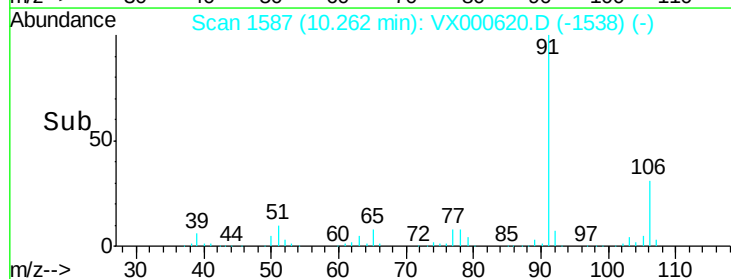
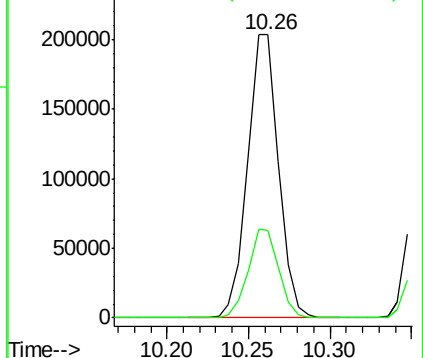


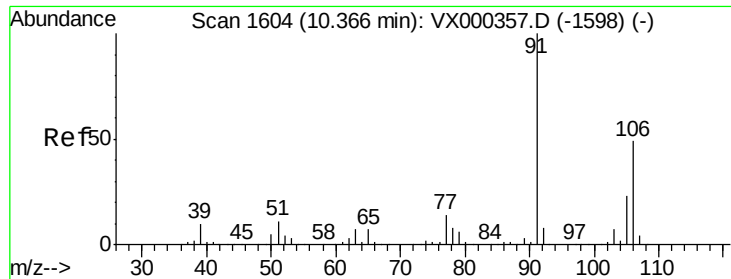
#67
Ethyl Benzene
Concen: 38.84 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000620.D
Acq: 01 Apr 2018 03:38

Tgt Ion: 91 Resp: 269735
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6



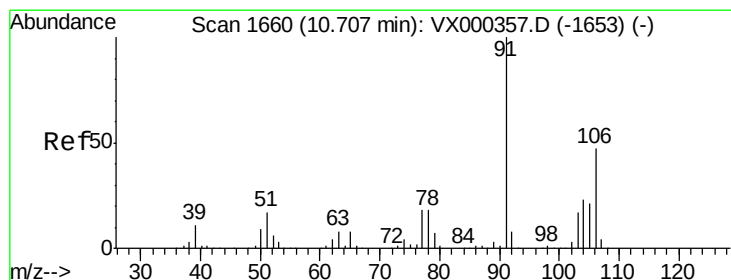
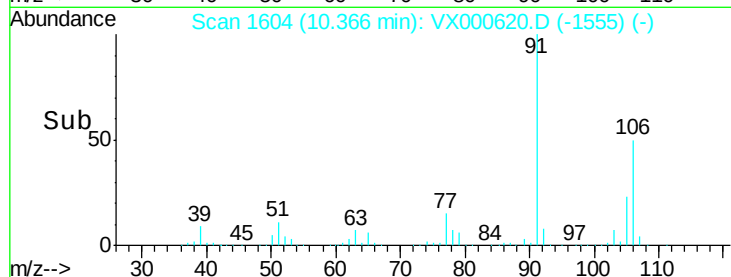
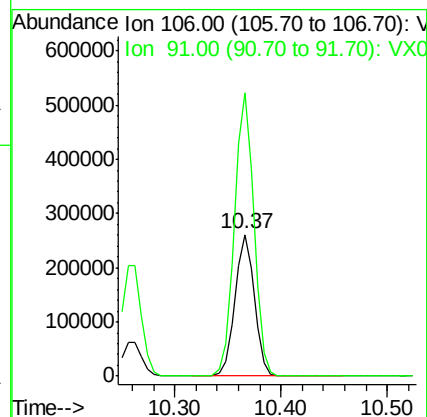
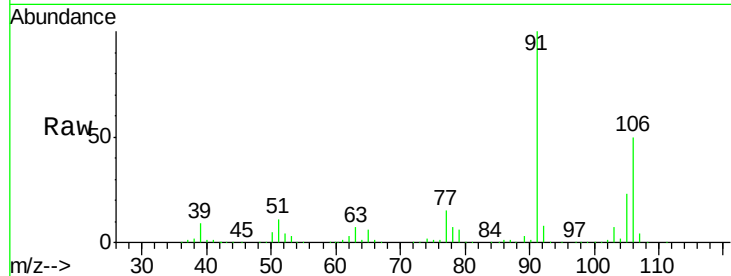
Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





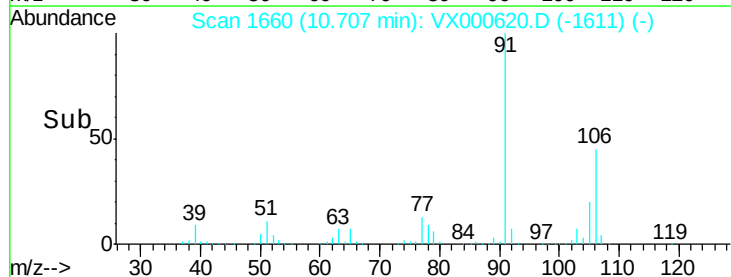
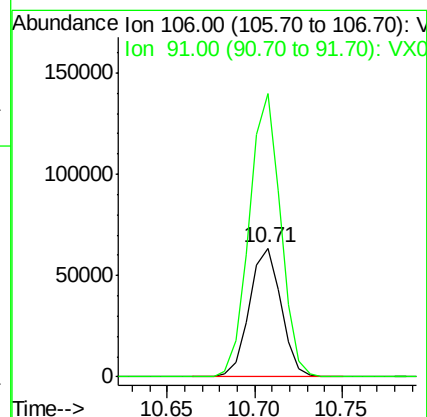
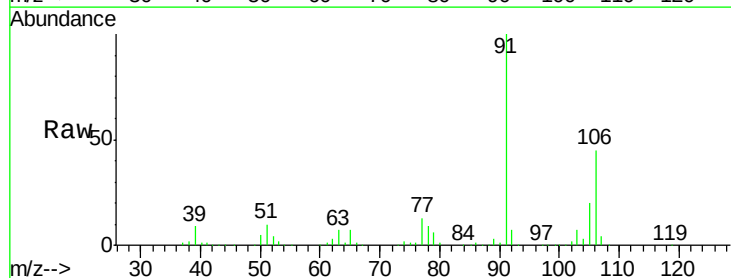
#68
m/p-Xylenes
Concen: 122.49 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000620.D
Acq: 01 Apr 2018 03:38

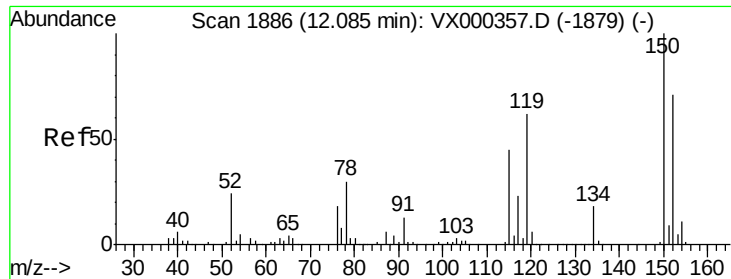
Tot Ion:106 Resp: 334700
Ion Ratio Lower Upper
106 100
91 200.5 163.4 245.2



#69
o-Xylene
Concen: 30.51 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000620.D
Acq: 01 Apr 2018 03:38

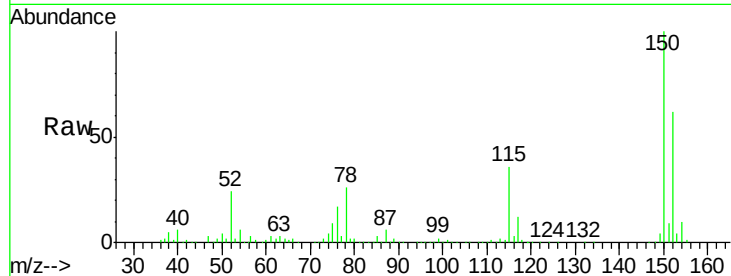
Tgt Ion:106 Resp: 80718
Ion Ratio Lower Upper
106 100
91 217.2 106.5 319.6



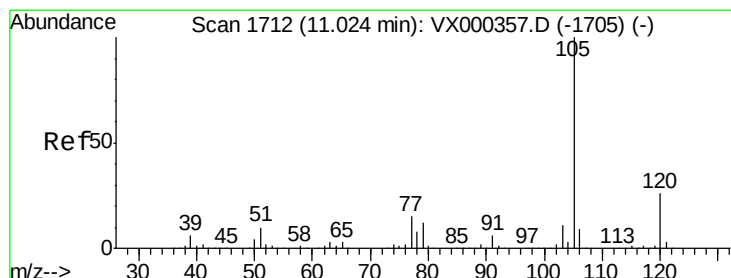
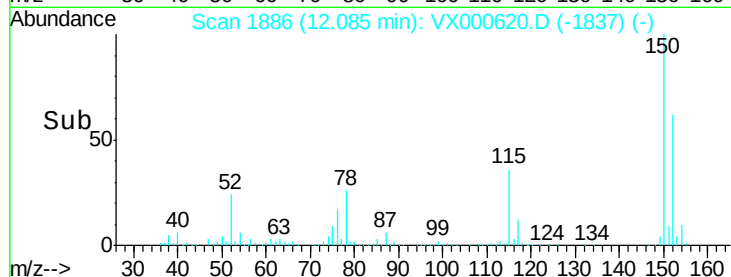
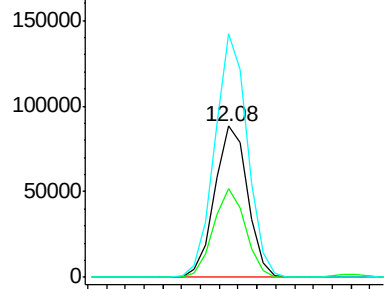


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX000620.D
 Acq: 01 Apr 2018 03:38

Tot Ion:152 Resp: 107495
 Ion Ratio Lower Upper
 152 100
 115 56.8 39.8 119.3
 150 158.8 0.0 344.4

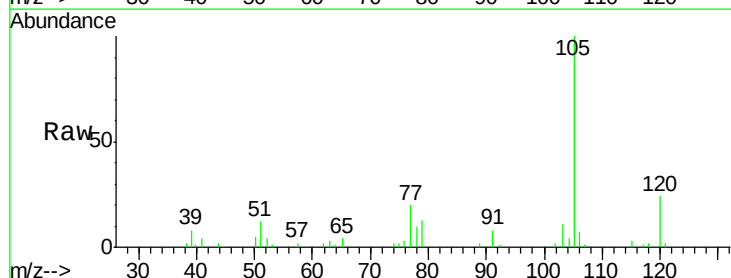


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

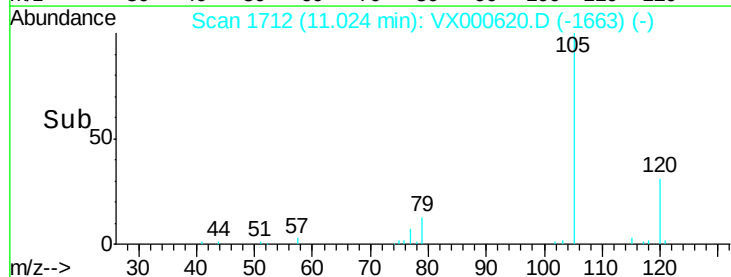
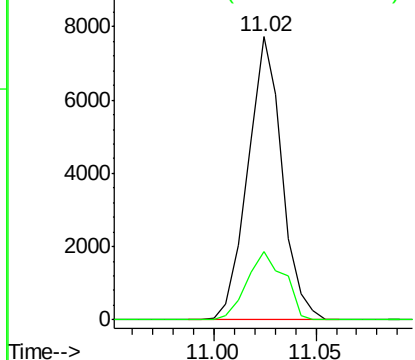


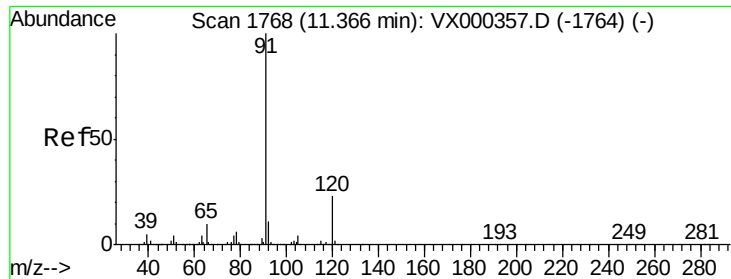
#73
 Isopropylbenzene
 Concen: 1.26 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: VX000620.D
 Acq: 01 Apr 2018 03:38

Tgt Ion:105 Resp: 8968
 Ion Ratio Lower Upper
 105 100
 120 26.5 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: 3.09 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000620.D

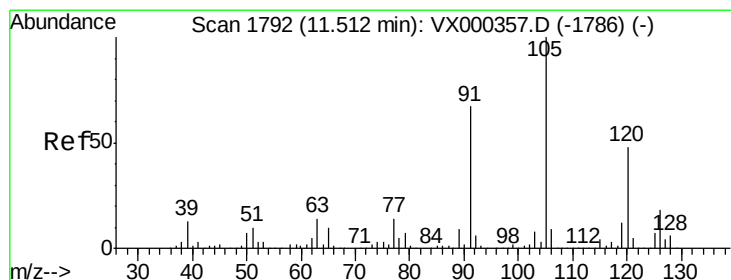
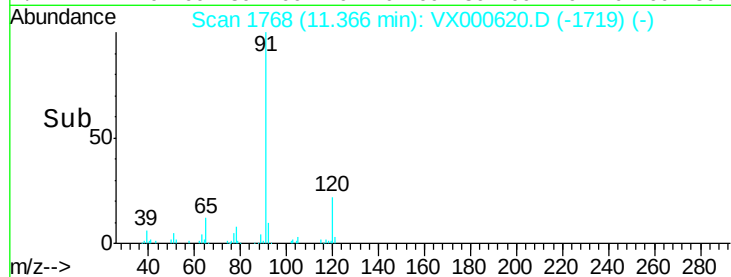
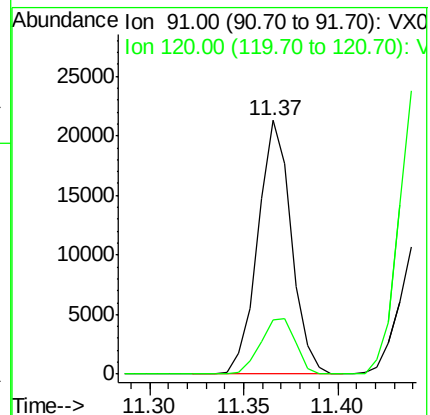
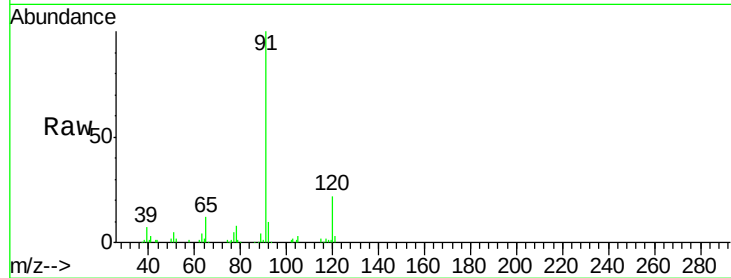
Acq: 01 Apr 2018 03:38

Tot Ion: 91 Resp: 26257

Ion Ratio Lower Upper

91 100

120 22.7 11.8 35.3



#80

1,3,5-Trimethylbenzene

Concen: 7.12 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000620.D

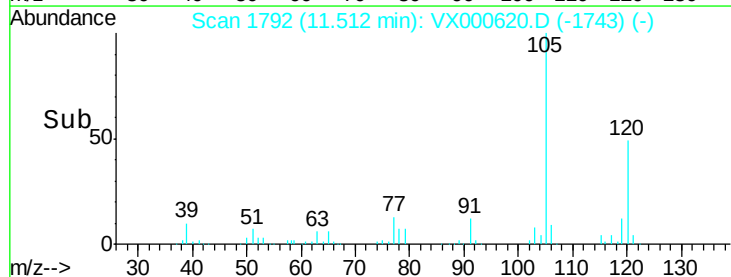
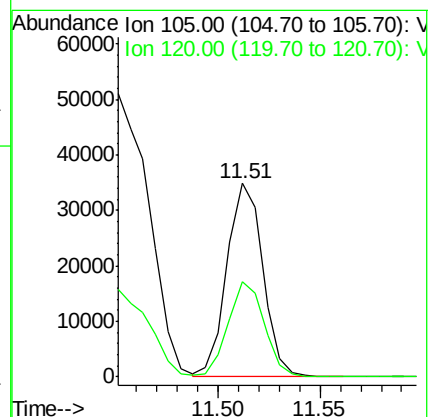
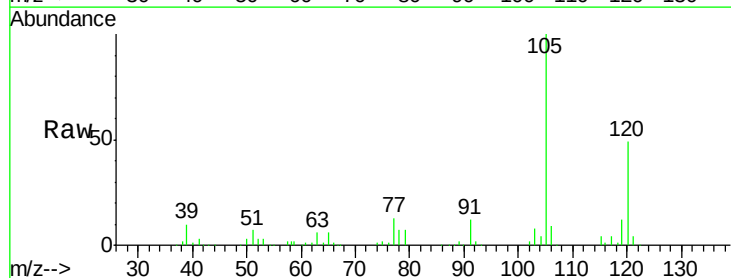
Acq: 01 Apr 2018 03:38

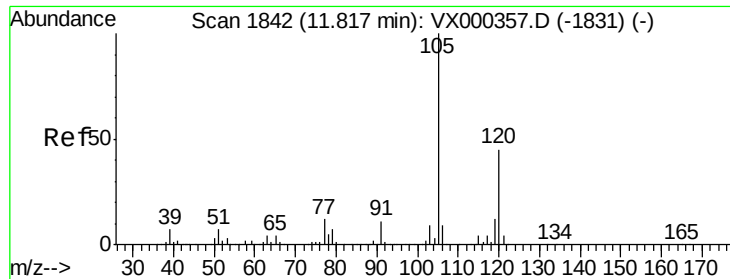
Tgt Ion: 105 Resp: 42668

Ion Ratio Lower Upper

105 100

120 49.4 24.1 72.4





#84

1,2,4-Trimethylbenzene

Concen: 25.84 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX000620.D

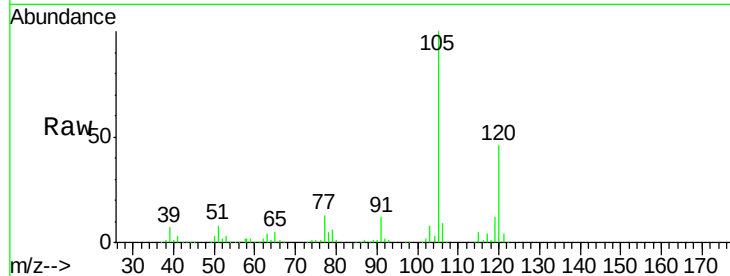
Acq: 01 Apr 2018 03:38

Tot Ion:105 Resp: 162271

Ion Ratio Lower Upper

105 100

120 45.7 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

11.82

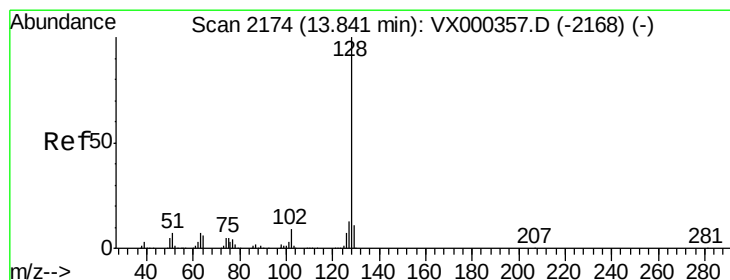
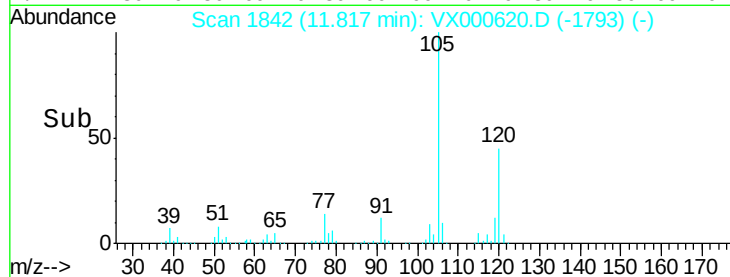
100000

50000

0

Time-->

11.80 11.90



#95

Naphthalene

Concen: 10.79 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000620.D

Acq: 01 Apr 2018 03:38

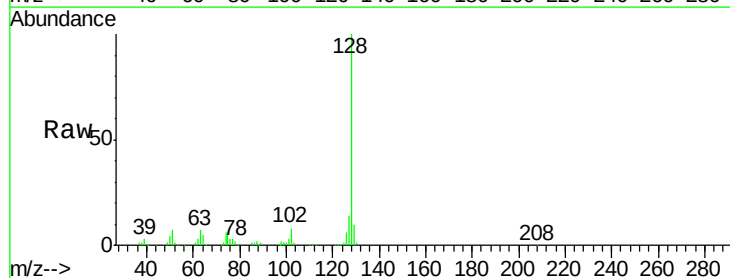
Tgt Ion:128 Resp: 94804

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 11.1 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

100000

80000

60000

40000

20000

0

Time-->

13.75 13.80 13.85 13.90

