

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000630.D
 Acq On : 01 Apr 2018 07:53
 Operator : JC/MD
 Sample : J2132-08DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Quant Time: Apr 02 08:14:22 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	122296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	201717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	209533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128749	50.00	ug/l	0.00

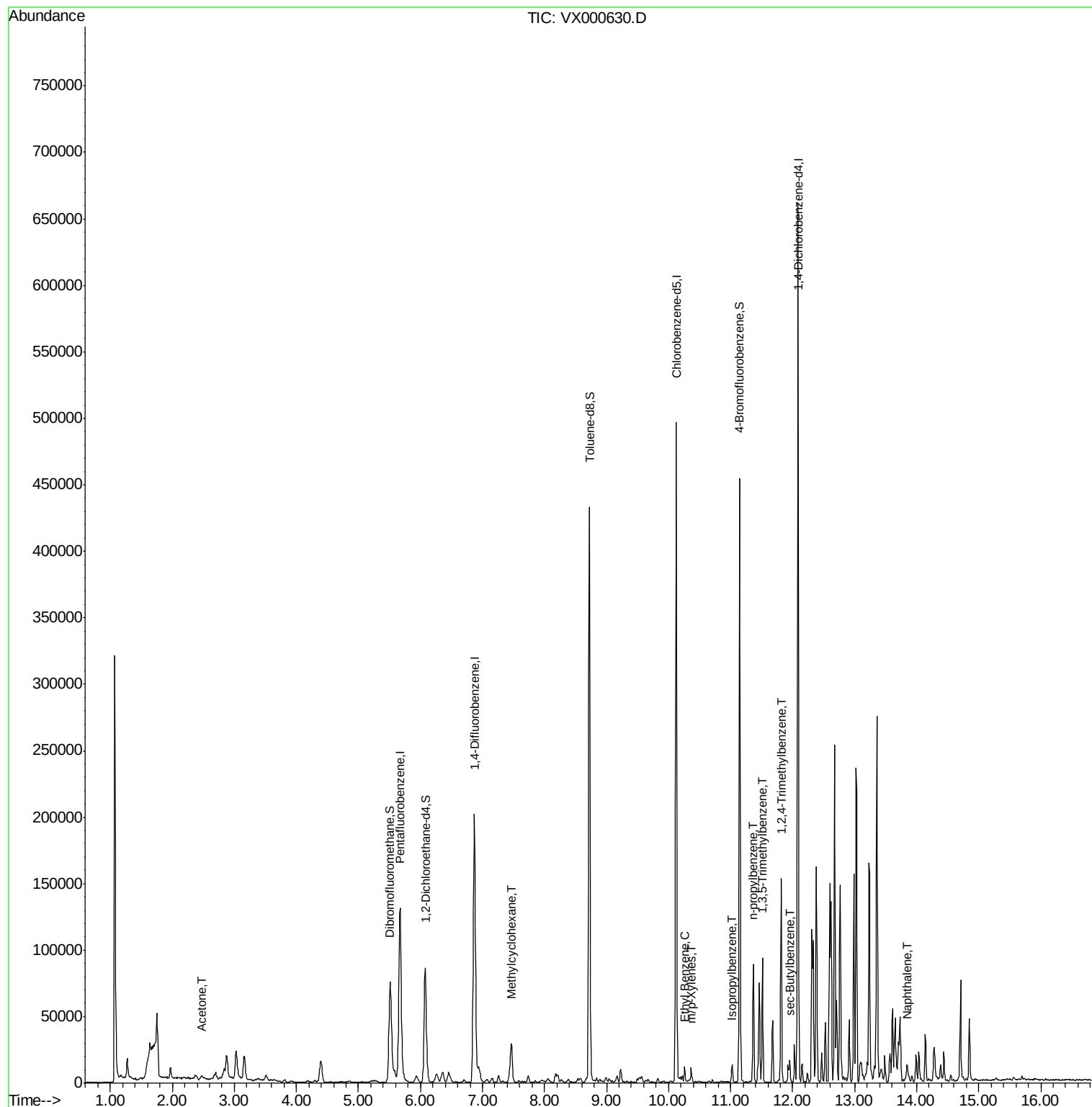
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	81800	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
35) Dibromofluoromethane	5.51	113	61434	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
50) Toluene-d8	8.73	98	260895	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.15	95	100416	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	

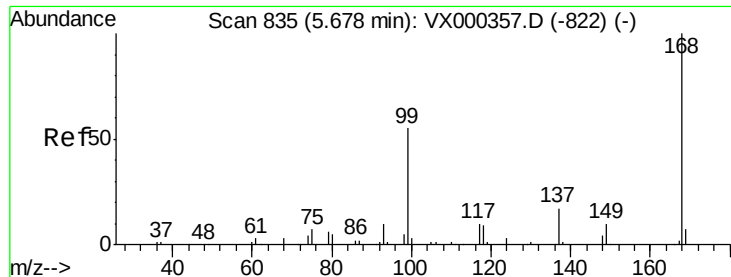
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.47	43	3184	2.40	ug/l	89
39) Methylcyclohexane	7.47	83	12052	5.24	ug/l	98
67) Ethyl Benzene	10.26	91	6482	0.82	ug/l	94
68) m/p-Xylenes	10.37	106	2360	0.76	ug/l	100
73) Isopropylbenzene	11.02	105	6525	0.76	ug/l	99
78) n-propylbenzene	11.37	91	52899	5.20	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	37687	5.25	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	65375	8.69	ug/l	99
85) sec-Butylbenzene	11.95	105	8704	0.97	ug/l	89
95) Naphthalene	13.84	128	8494	0.81	ug/l	97

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

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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: VX000630.D

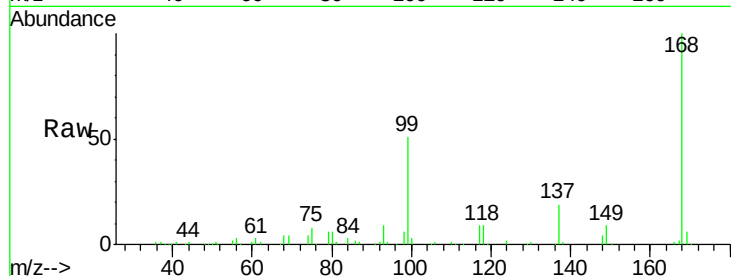
Acq: 01 Apr 2018 07:53

Tot Ion:168 Resp: 122296

Ion Ratio Lower Upper

168 100

99 51.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

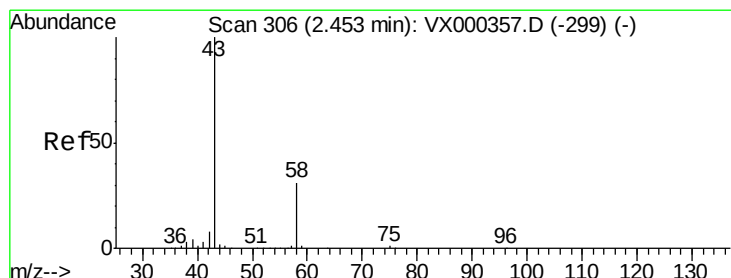
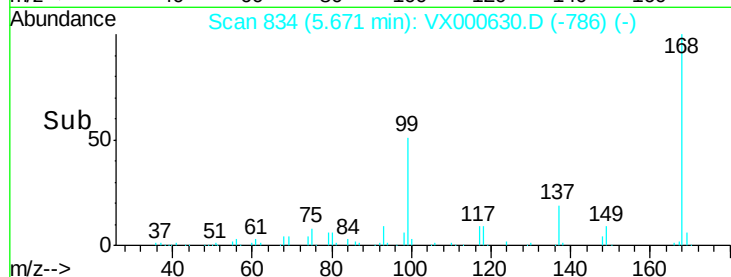
20000

10000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 2.40 ug/l

RT: 2.47 min Scan# 309

Delta R.T. 0.02 min

Lab File: VX000630.D

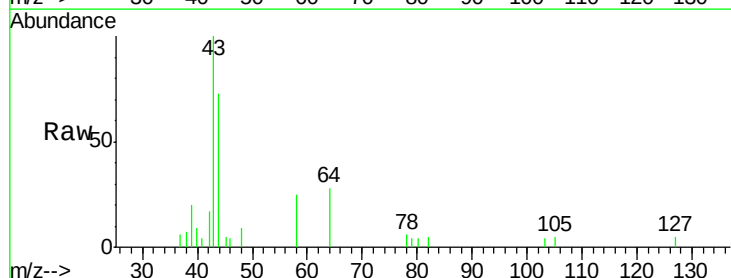
Acq: 01 Apr 2018 07:53

Tgt Ion: 43 Resp: 3184

Ion Ratio Lower Upper

43 100

58 24.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.47

1500

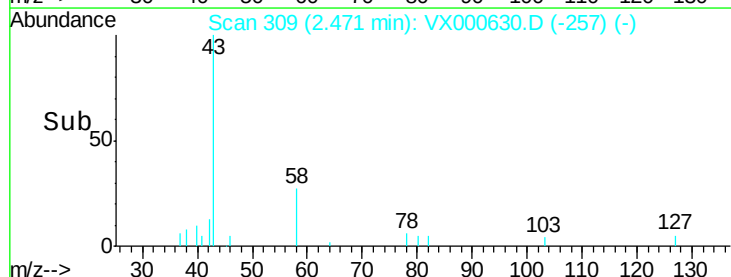
1000

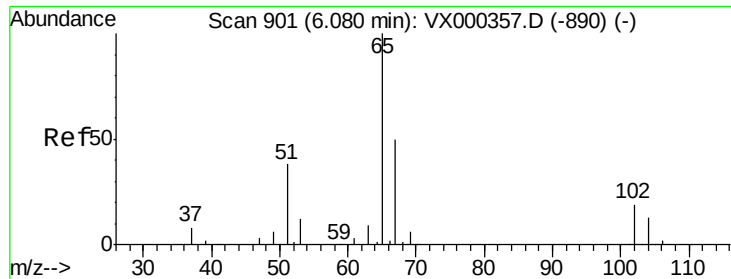
500

0

2.40 2.45 2.50

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.24 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000630.D

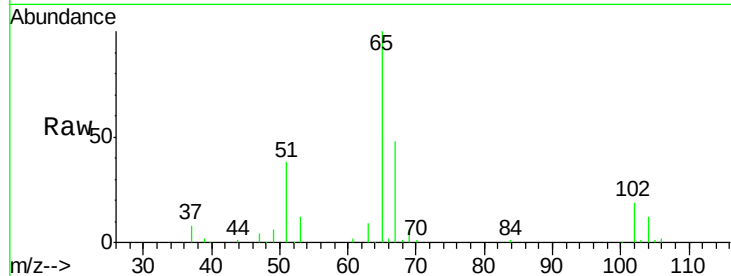
Acq: 01 Apr 2018 07:53

Tot Ion: 65 Resp: 81800

Ion Ratio Lower Upper

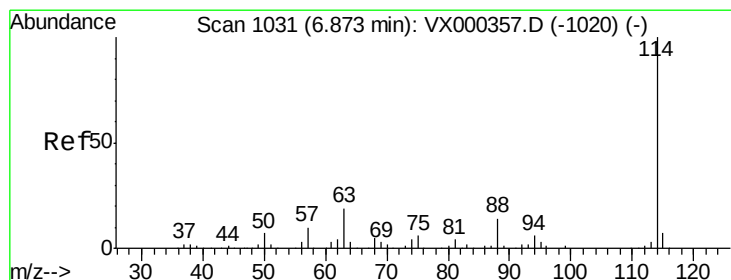
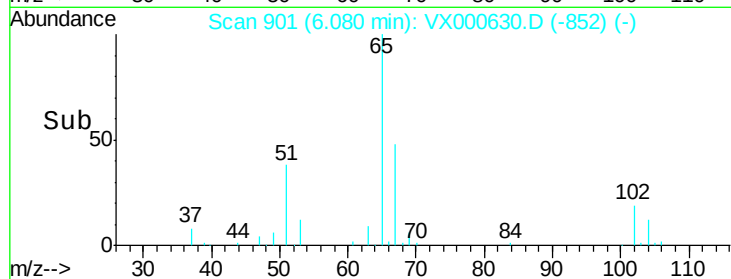
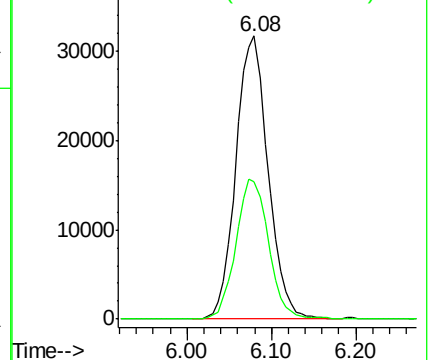
65 100

67 50.3 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# 1030

Delta R.T. -0.01 min

Lab File: VX000630.D

Acq: 01 Apr 2018 07:53

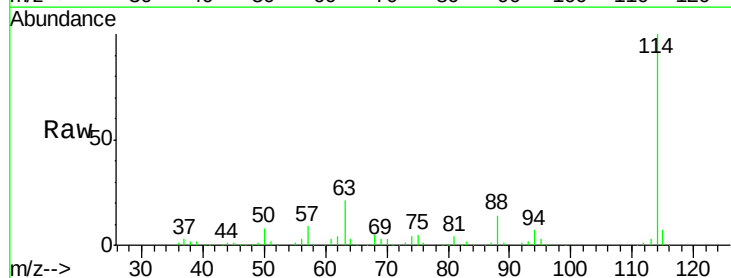
Tgt Ion: 114 Resp: 201717

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.4

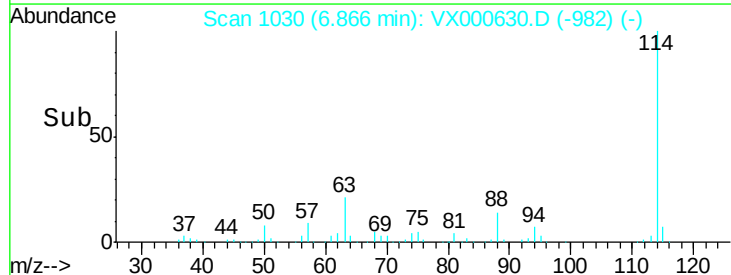
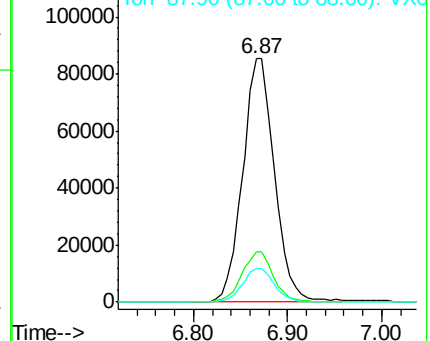
88 13.8 0.0 27.0

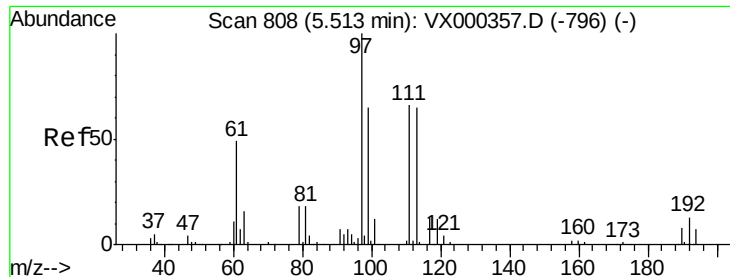


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

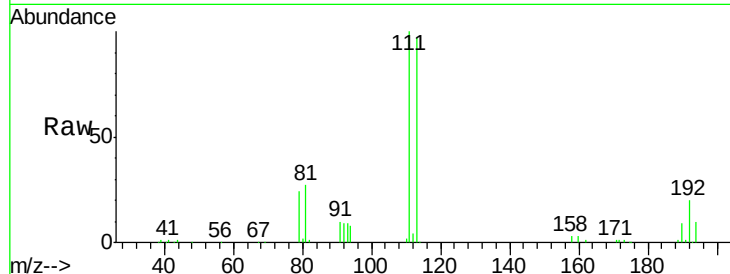
Ion 87.90 (87.60 to 88.60): VX0



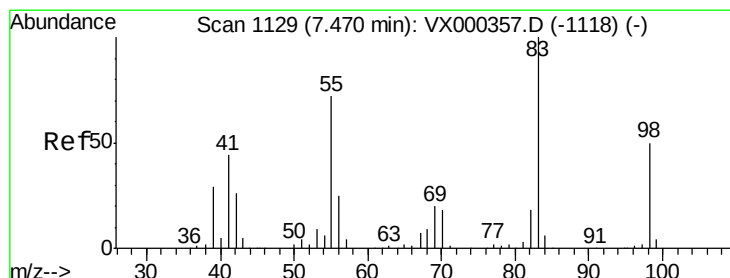
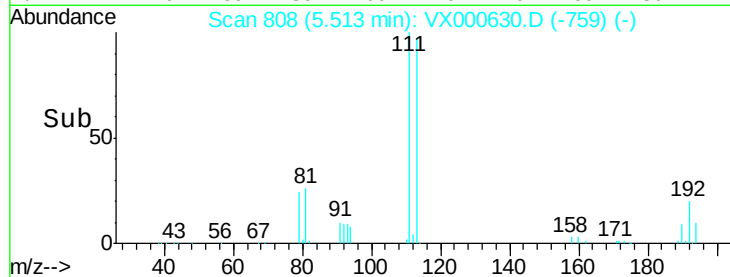
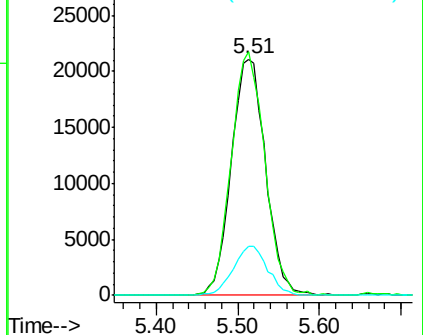


#35
 Dibromofluoromethane
 Concen: 48.34 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000630.D
 Acq: 01 Apr 2018 07:53

Tot Ion:113 Resp: 61434
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.4 123.6
 192 20.6 15.8 23.6

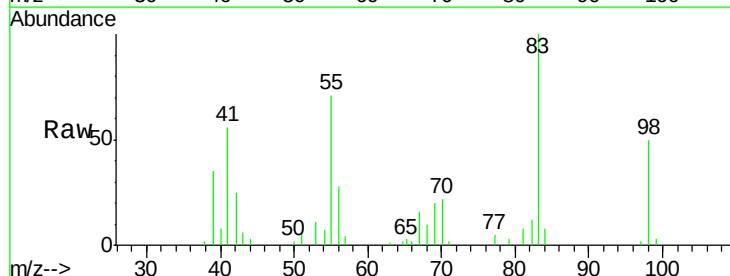


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

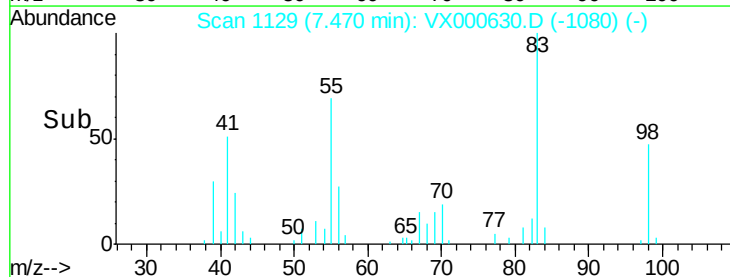
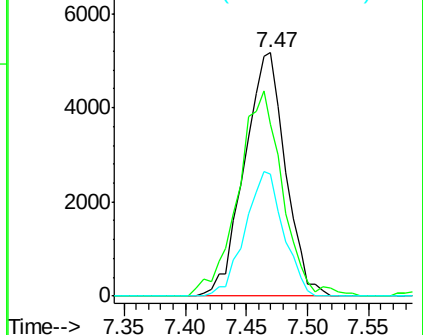


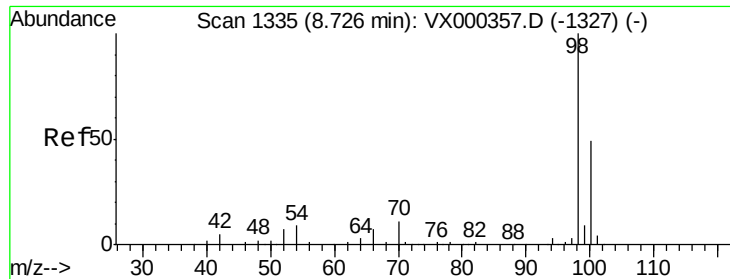
#39
 Methylcyclohexane
 Concen: 5.24 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: VX000630.D
 Acq: 01 Apr 2018 07:53

Tgt Ion: 83 Resp: 12052
 Ion Ratio Lower Upper
 83 100
 55 70.9 55.5 83.3
 98 50.1 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: 49.56 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000630.D

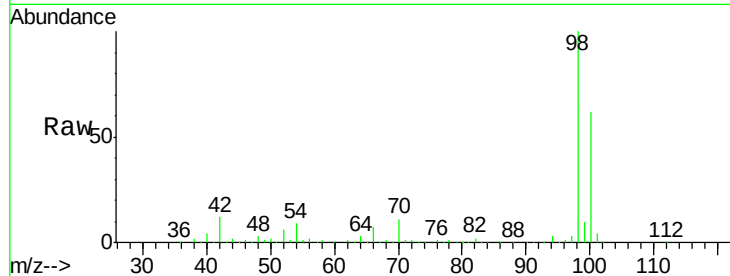
Acq: 01 Apr 2018 07:53

Tot Ion: 98 Resp: 260895

Ion Ratio Lower Upper

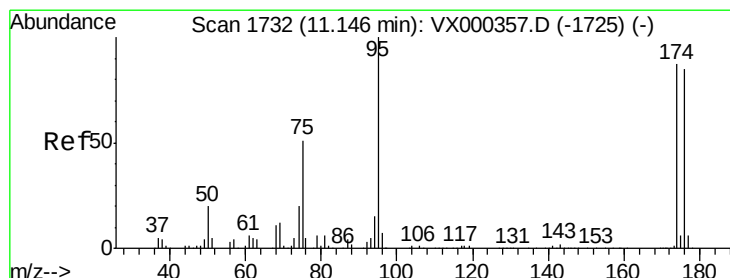
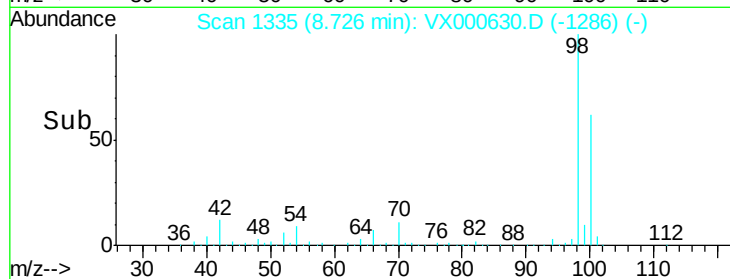
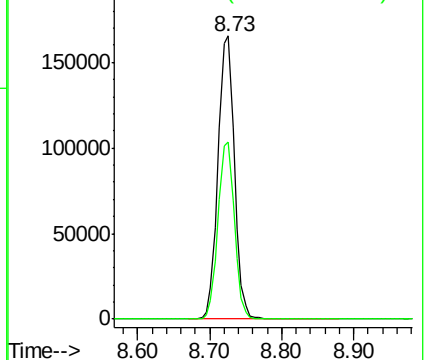
98 100

100 62.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.74 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000630.D

Acq: 01 Apr 2018 07:53

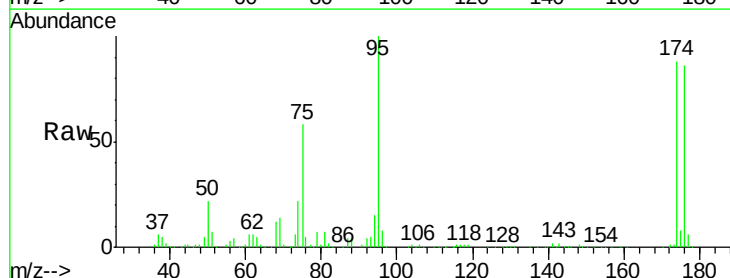
Tgt Ion: 95 Resp: 100416

Ion Ratio Lower Upper

95 100

174 87.8 0.0 173.6

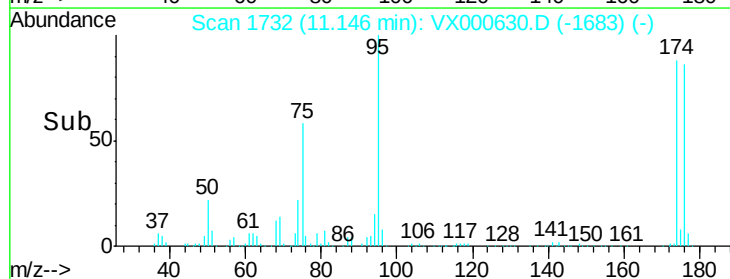
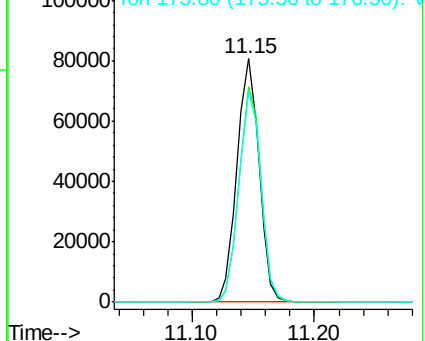
176 86.4 0.0 164.6

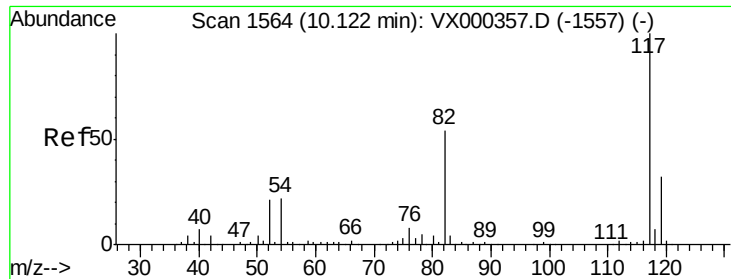


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

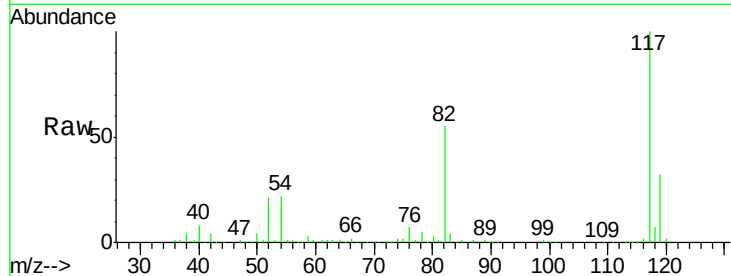
Ion 175.80 (175.50 to 176.50): V



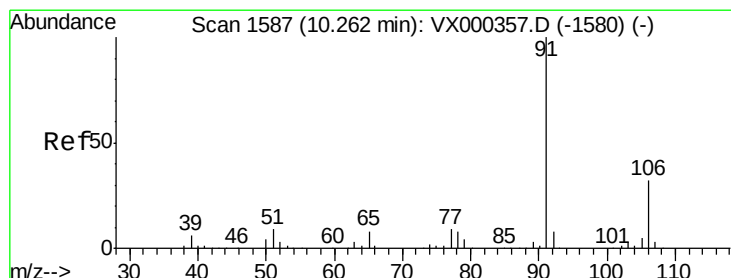
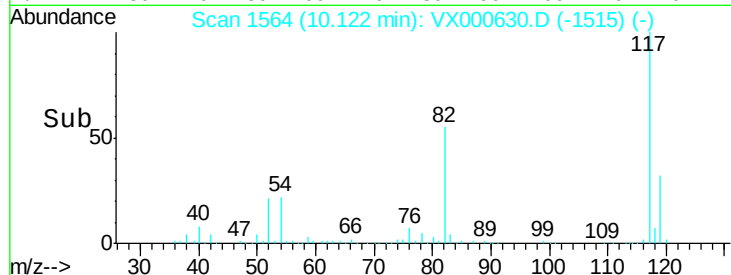
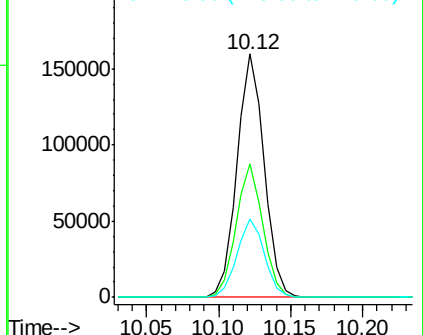


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000630.D
Acq: 01 Apr 2018 07:53

Tot Ion:117 Resp: 209533
Ion Ratio Lower Upper
117 100
82 54.8 43.8 65.8
119 32.0 24.9 37.3

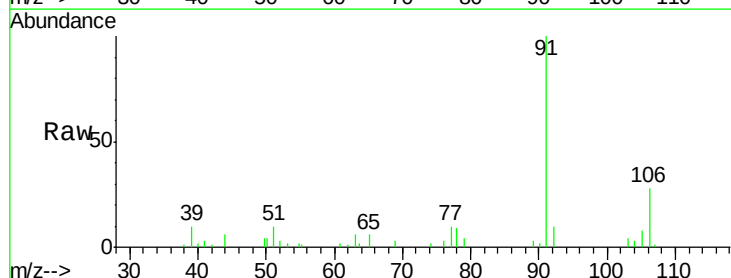


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

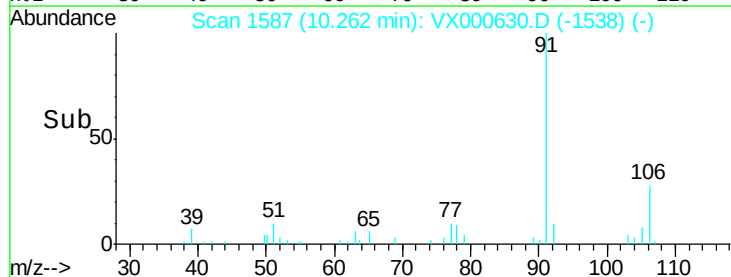
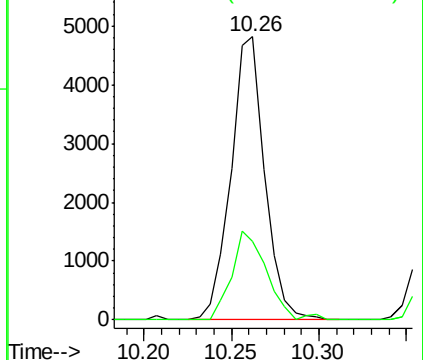


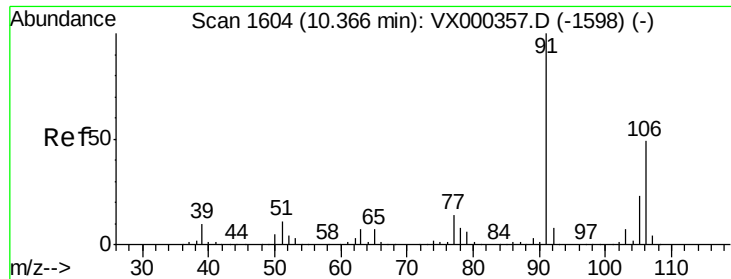
#67
Ethyl Benzene
Concen: 0.82 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000630.D
Acq: 01 Apr 2018 07:53

Tgt Ion: 91 Resp: 6482
Ion Ratio Lower Upper
91 100
106 27.9 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: 0.76 ug/l

RT: 10.37 min Scan# 1605

Delta R.T. 0.01 min

Lab File: VX000630.D

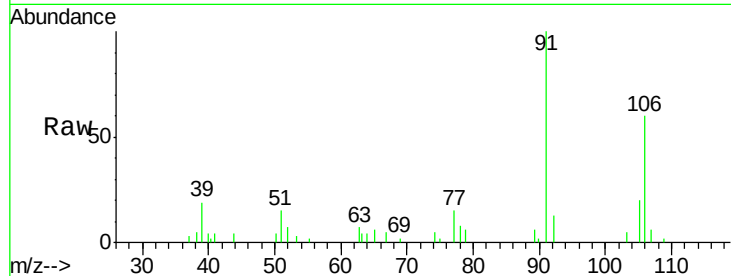
Acq: 01 Apr 2018 07:53

Tot Ion:106 Resp: 2360

Ion Ratio Lower Upper

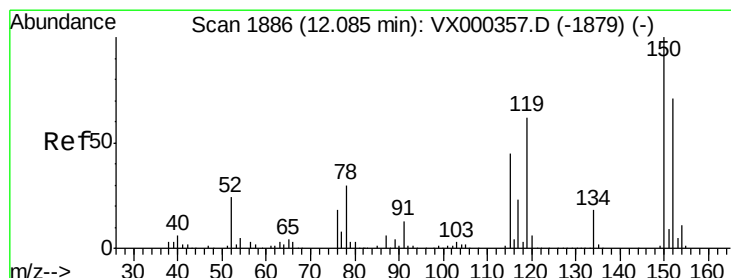
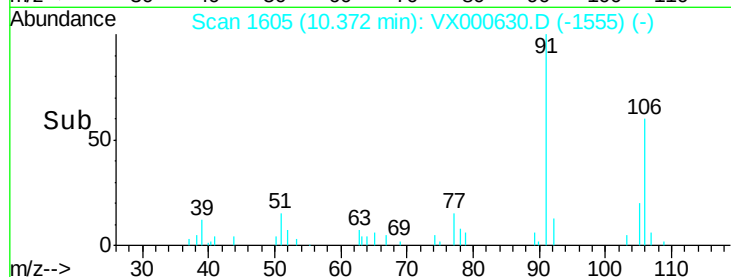
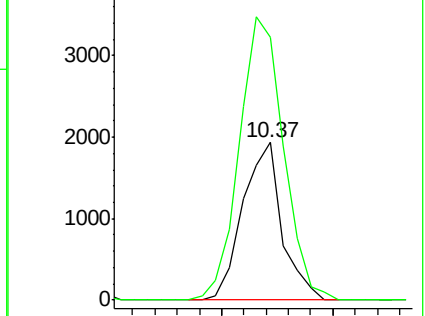
106 100

91 204.1 163.4 245.2



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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000630.D

Acq: 01 Apr 2018 07:53

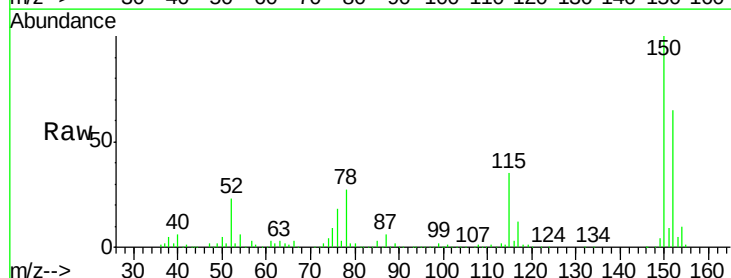
Tgt Ion:152 Resp: 128749

Ion Ratio Lower Upper

152 100

115 55.9 39.8 119.3

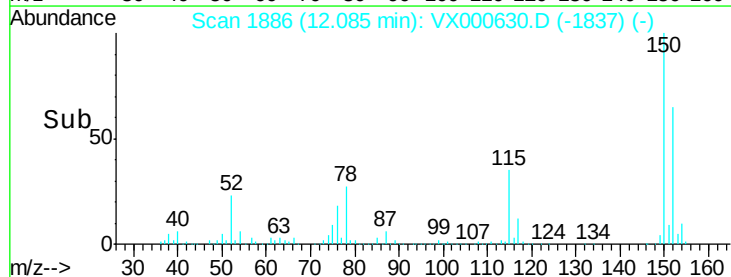
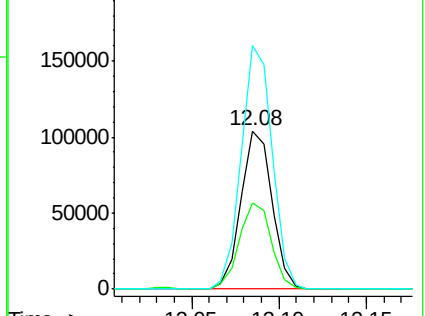
150 154.0 0.0 344.4

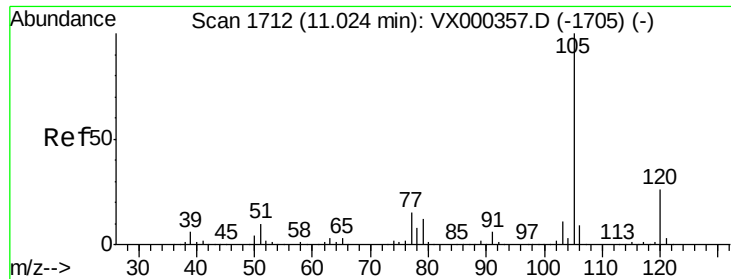


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.76 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000630.D

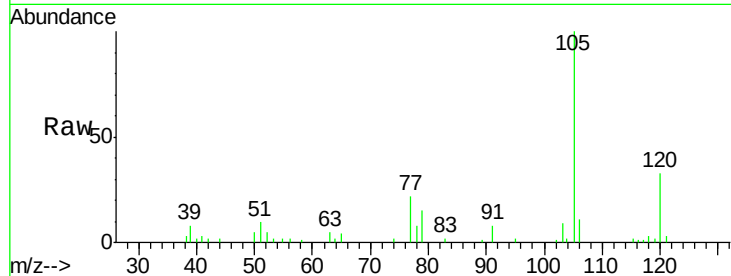
Acq: 01 Apr 2018 07:53

Tot Ion:105 Resp: 6525

Ion Ratio Lower Upper

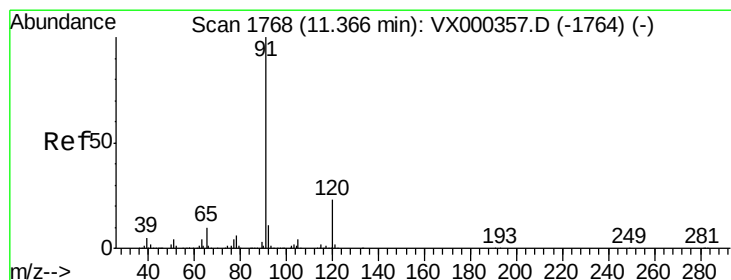
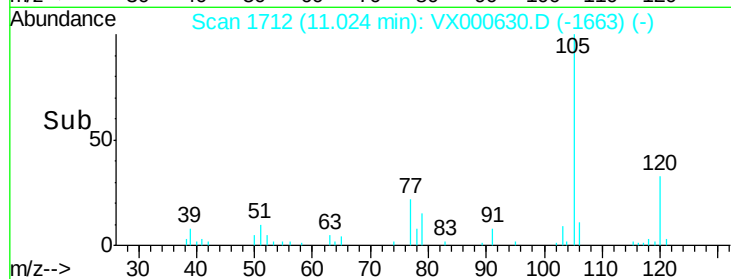
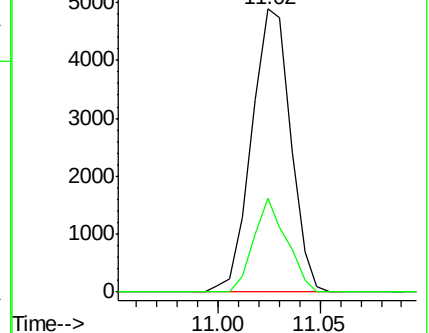
105 100

120 27.8 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: 5.20 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000630.D

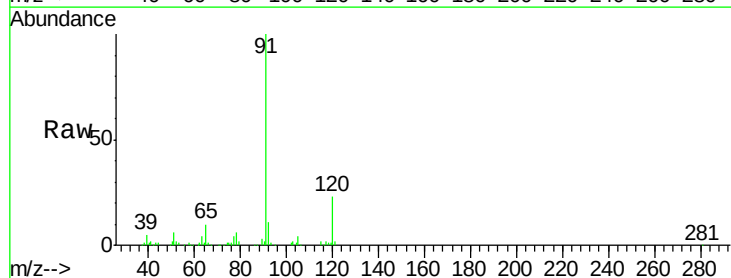
Acq: 01 Apr 2018 07:53

Tgt Ion: 91 Resp: 52899

Ion Ratio Lower Upper

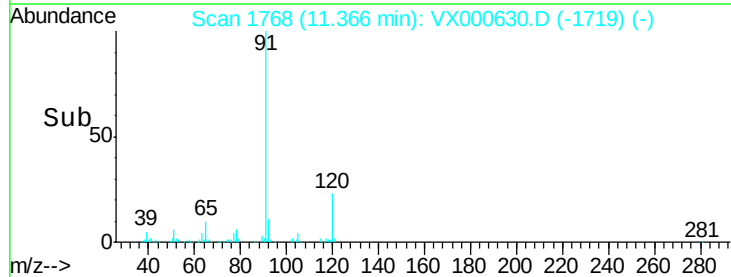
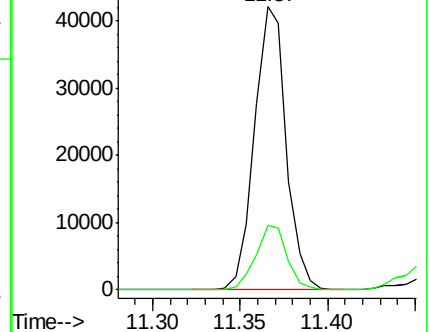
91 100

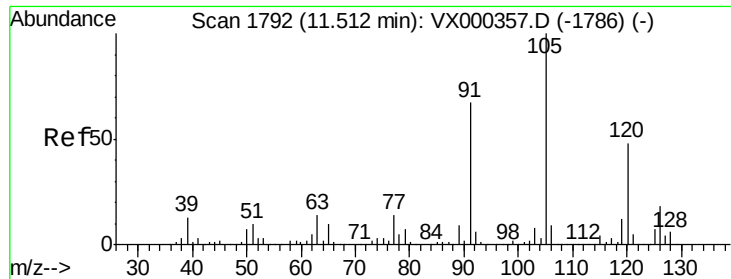
120 22.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

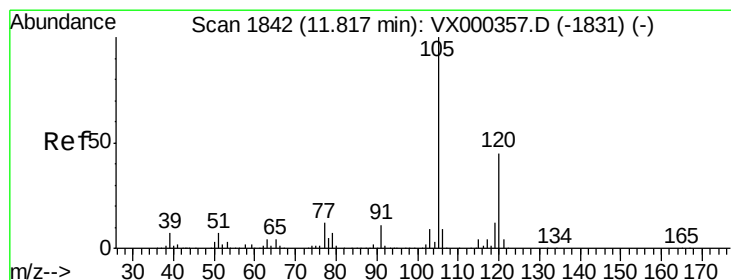
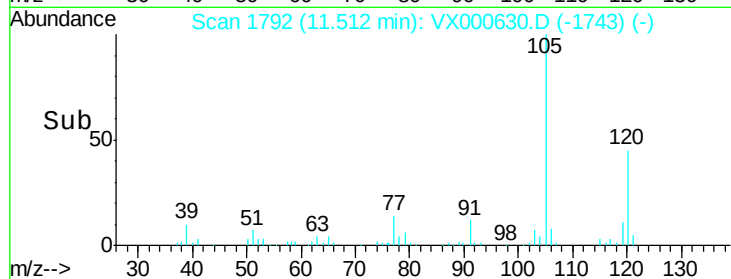
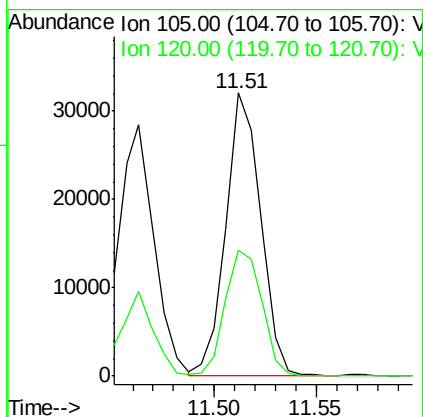
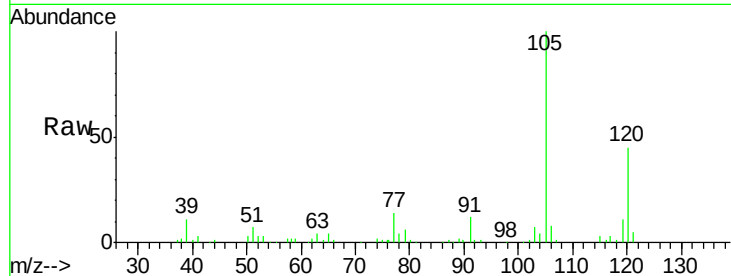
Ion 120.00 (119.70 to 120.70): V





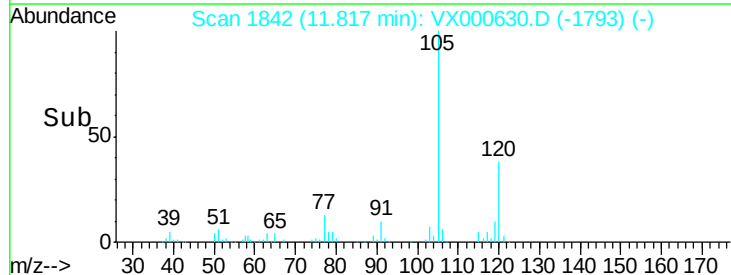
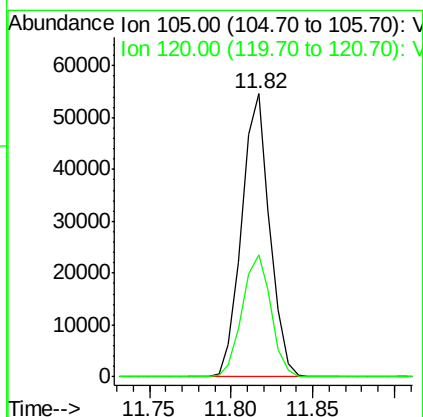
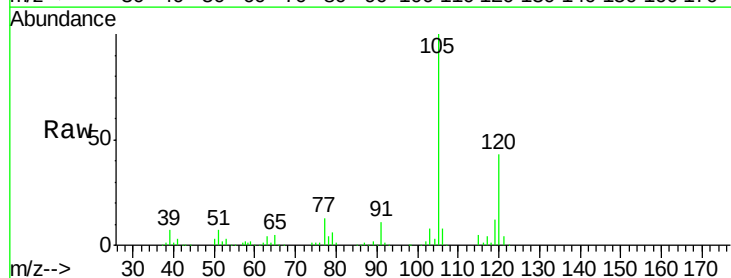
#80
 1,3,5-Trimethylbenzene
 Concen: 5.25 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000630.D
 Acq: 01 Apr 2018 07:53

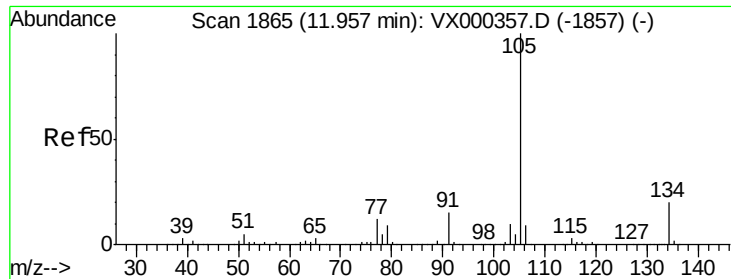
Tot Ion:105 Resp: 37687
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.1 72.4



#84
 1,2,4-Trimethylbenzene
 Concen: 8.69 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000630.D
 Acq: 01 Apr 2018 07:53

Tgt Ion:105 Resp: 65375
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.4 67.3





#85

sec-Butylbenzene

Concen: 0.97 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000630.D

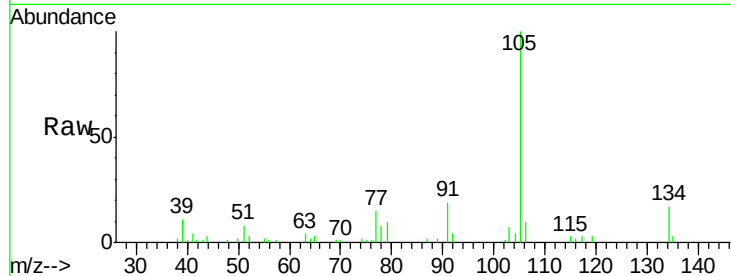
Acq: 01 Apr 2018 07:53

Tot Ion:105 Resp: 8704

Ion Ratio Lower Upper

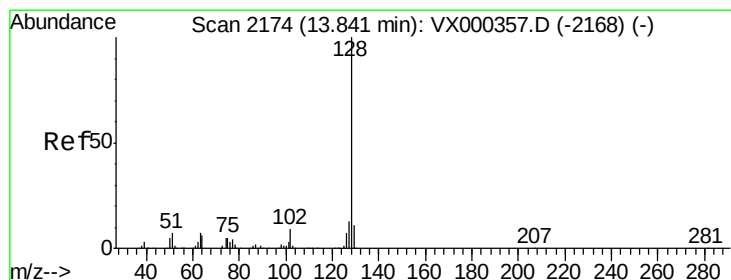
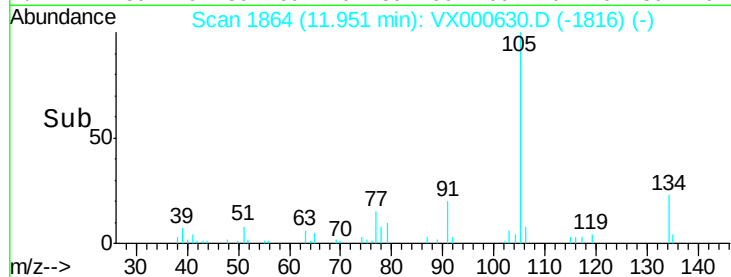
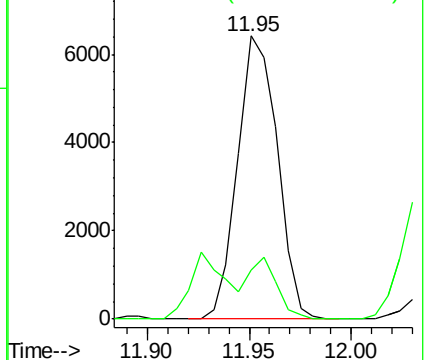
105 100

134 15.5 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: 0.81 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000630.D

Acq: 01 Apr 2018 07:53

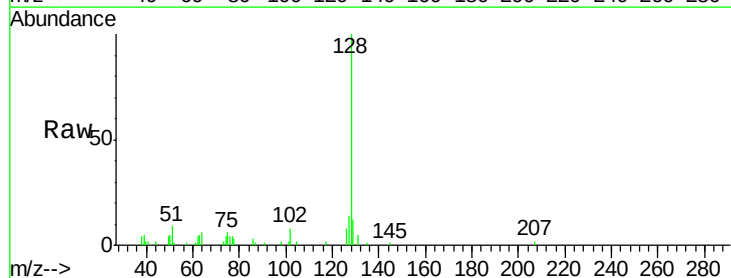
Tgt Ion:128 Resp: 8494

Ion Ratio Lower Upper

128 100

127 14.6 10.6 15.8

129 10.2 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

