

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000628.D
 Acq On : 01 Apr 2018 07:01
 Operator : JC/MD
 Sample : J2132-03DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Quant Time: Apr 02 08:08:55 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	140477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	233670	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	232654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	146480	50.00	ug/l	0.00

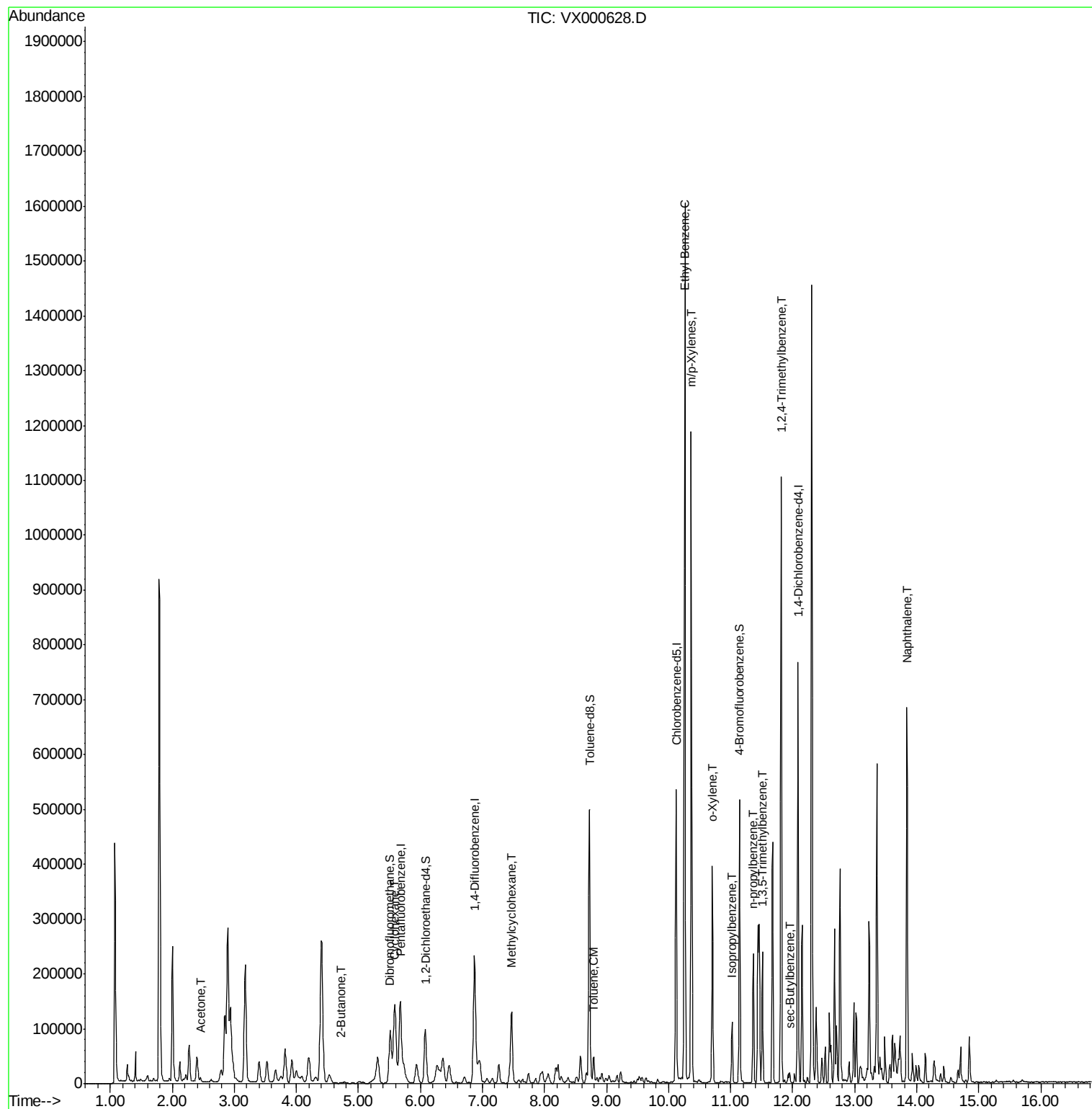
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	92176	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
35) Dibromofluoromethane	5.51	113	70747	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
50) Toluene-d8	8.73	98	303458	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.15	95	120703	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	

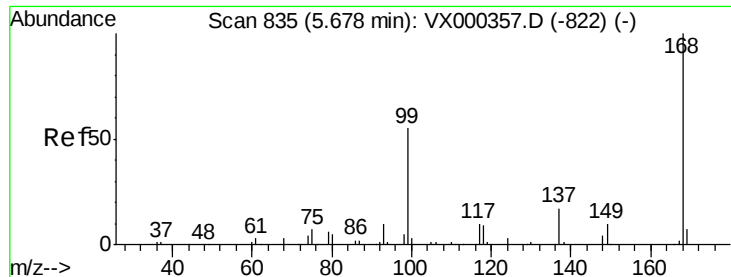
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	7363	4.83	ug/l	92
25) 2-Butanone	4.72	43	3596	2.10	ug/l	98
31) Cyclohexane	5.59	56	95939	41.47	ug/l	96
39) Methylcyclohexane	7.47	83	54227	20.37	ug/l	98
52) Toluene	8.79	92	17052	3.84	ug/l	94
67) Ethyl Benzene	10.26	91	936910	106.75	ug/l	98
68) m/p-Xylenes	10.37	106	265390	76.84	ug/l	95
69) o-Xylene	10.71	106	84492	25.27	ug/l	98
73) Isopropylbenzene	11.02	105	55228	5.69	ug/l	98
78) n-propylbenzene	11.37	91	141919	12.26	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	99329	12.17	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	483206	56.48	ug/l	99
85) sec-Butylbenzene	11.95	105	9876m	0.97	ug/l	
95) Naphthalene	13.84	128	405568	33.89	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: VX000628.D

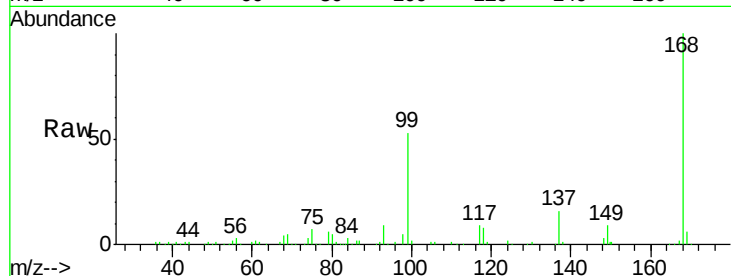
Acq: 01 Apr 2018 07:01

Tot Ion:168 Resp: 140477

Ion Ratio Lower Upper

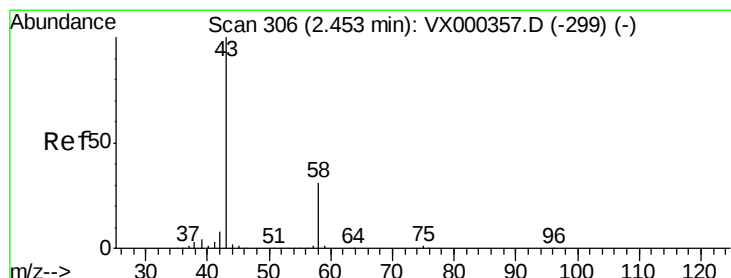
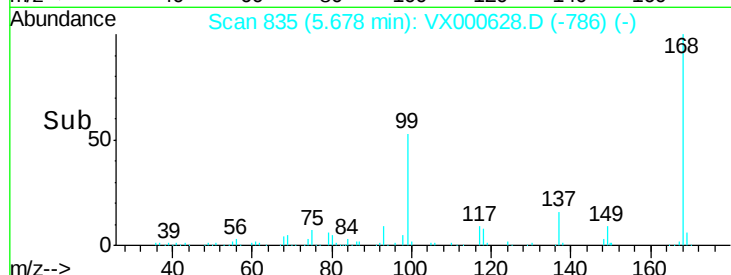
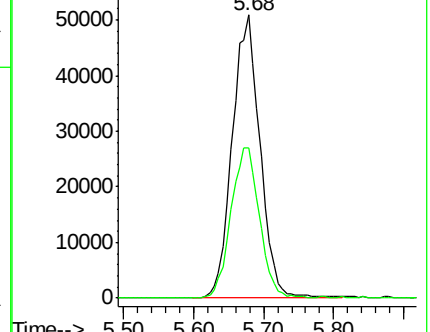
168 100

99 53.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.83 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000628.D

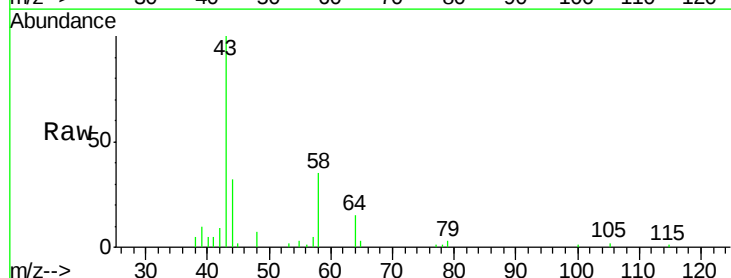
Acq: 01 Apr 2018 07:01

Tgt Ion: 43 Resp: 7363

Ion Ratio Lower Upper

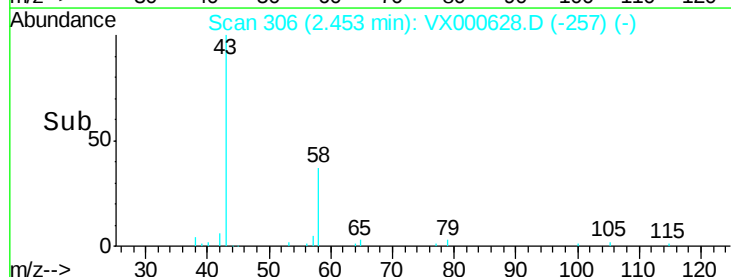
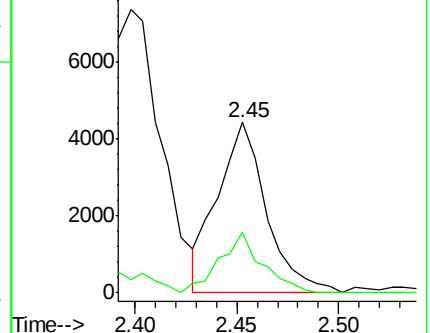
43 100

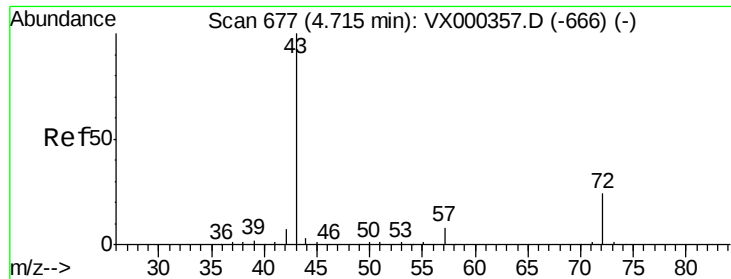
58 35.5 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 2.10 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000628.D

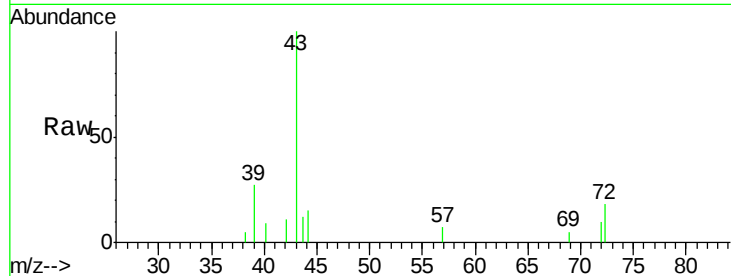
Acq: 01 Apr 2018 07:01

Tot Ion: 43 Resp: 3596

Ion Ratio Lower Upper

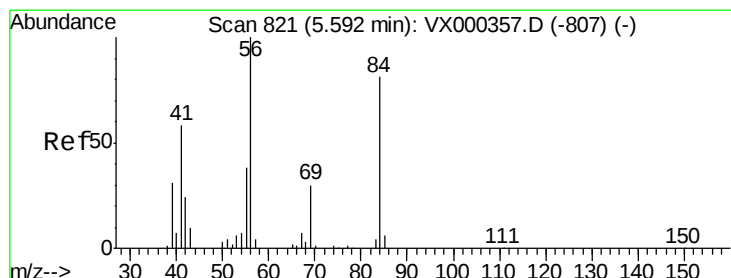
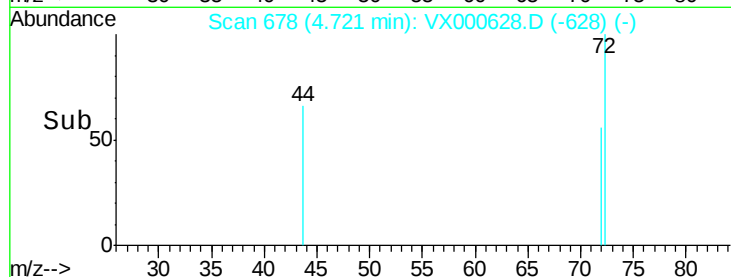
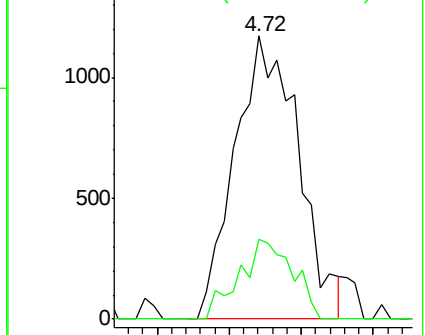
43 100

72 25.3 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: 41.47 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000628.D

Acq: 01 Apr 2018 07:01

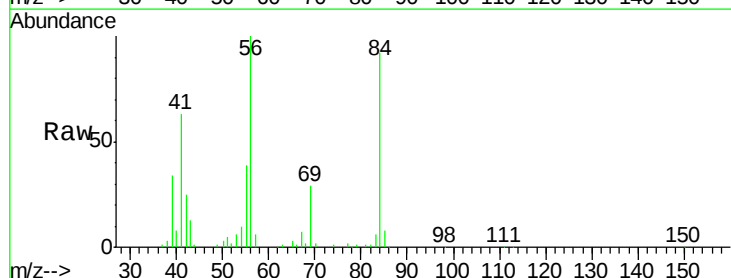
Tgt Ion: 56 Resp: 95939

Ion Ratio Lower Upper

56 100

69 26.5 23.4 35.0

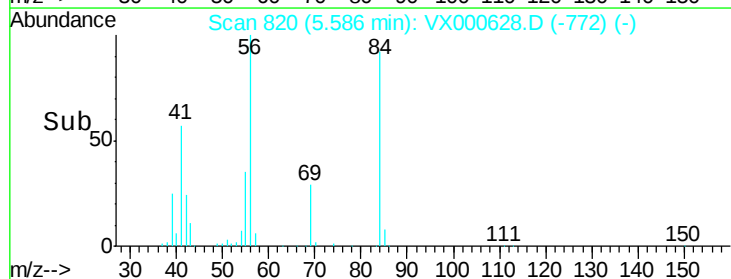
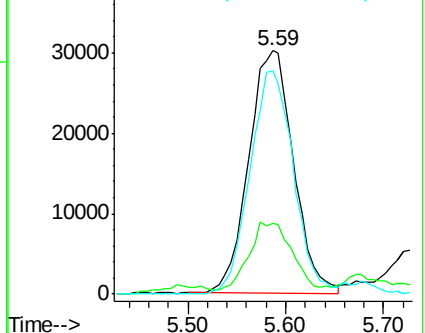
84 92.1 71.0 106.4

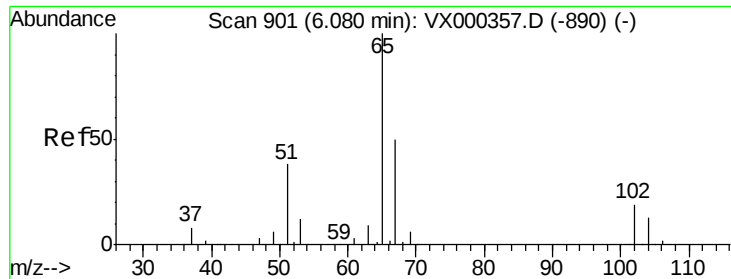


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

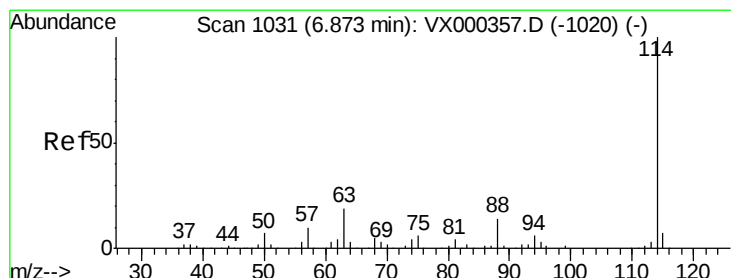
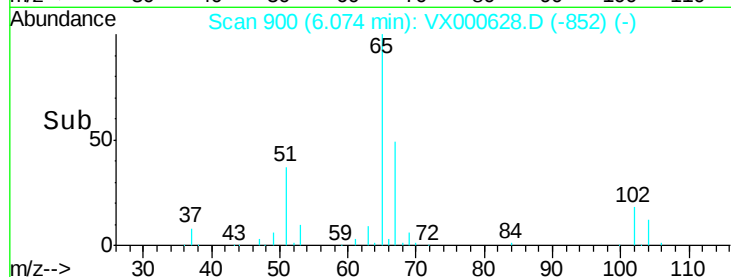
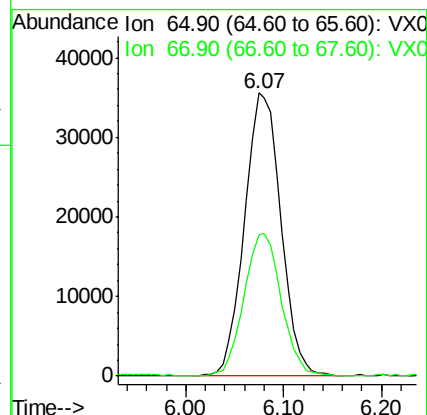
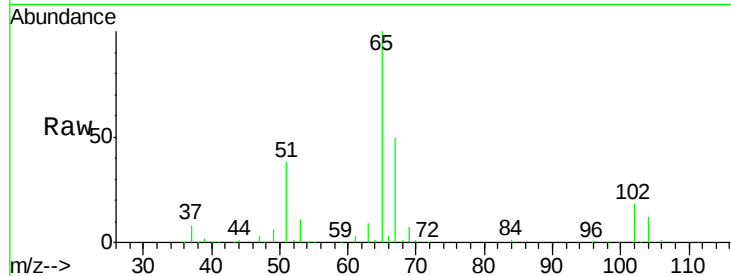
Ion 84.00 (83.70 to 84.70): VX0





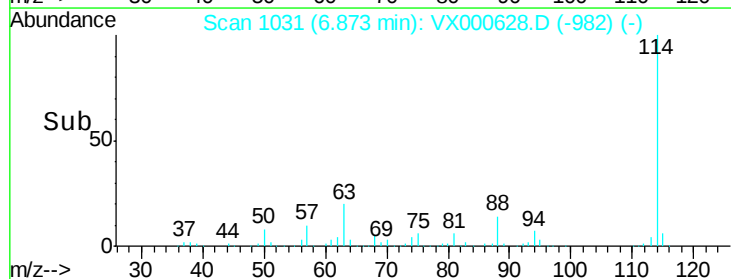
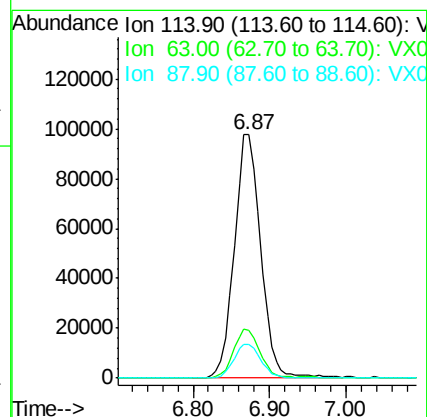
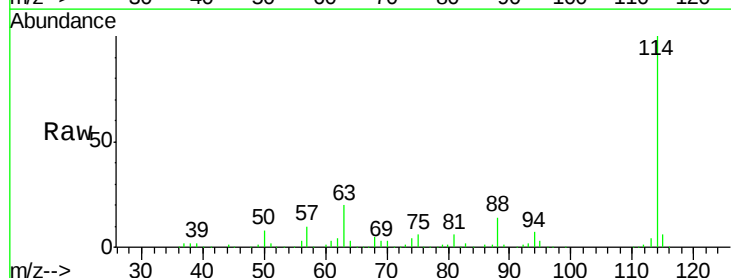
#33
 1,2-Dichloroethane-d4
 Concen: 50.27 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000628.D
 Acq: 01 Apr 2018 07:01

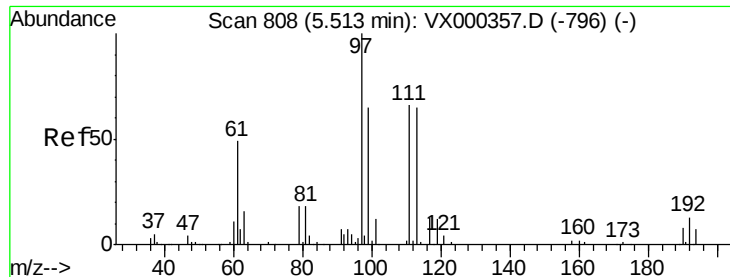
Tot Ion: 65 Resp: 92176
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000628.D
 Acq: 01 Apr 2018 07:01

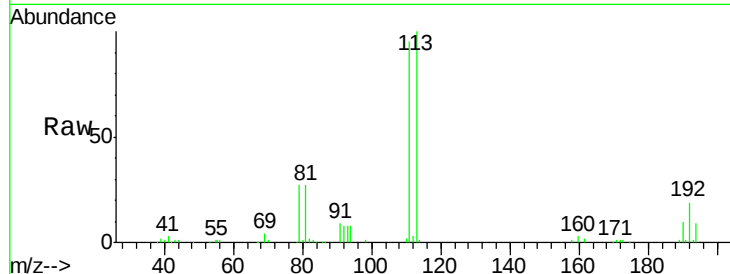
Tgt Ion: 114 Resp: 233670
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.4
 88 14.1 0.0 27.0



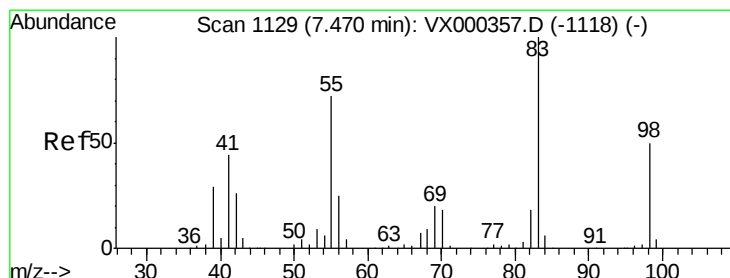
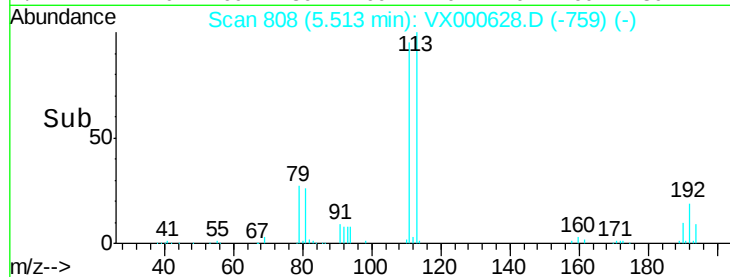
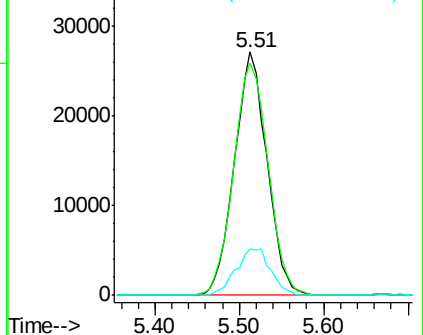


#35
 Dibromofluoromethane
 Concen: 48.05 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000628.D
 Acq: 01 Apr 2018 07:01

Tot Ion:113 Resp: 70747
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.4 123.6
 192 20.4 15.8 23.6

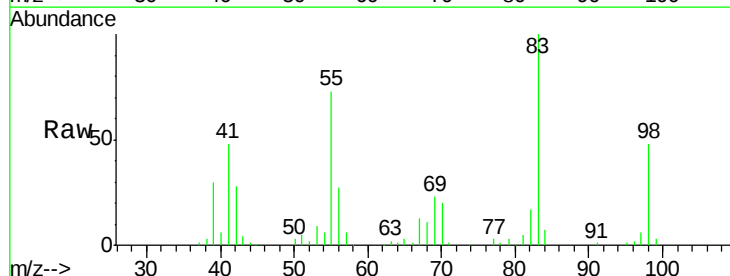


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

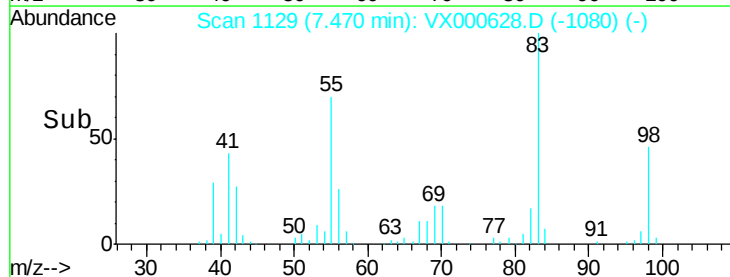
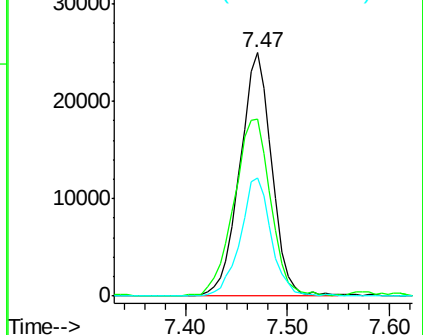


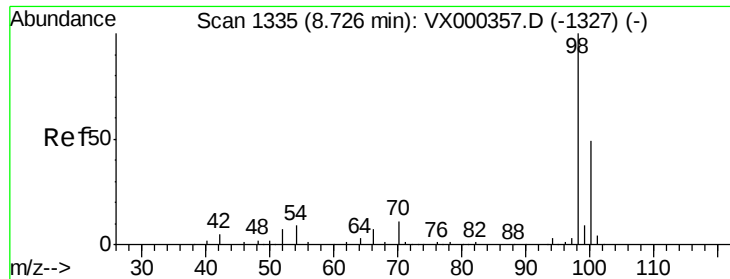
#39
 Methylcyclohexane
 Concen: 20.37 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: VX000628.D
 Acq: 01 Apr 2018 07:01

Tgt Ion: 83 Resp: 54227
 Ion Ratio Lower Upper
 83 100
 55 72.1 55.5 83.3
 98 48.4 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: 49.77 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000628.D

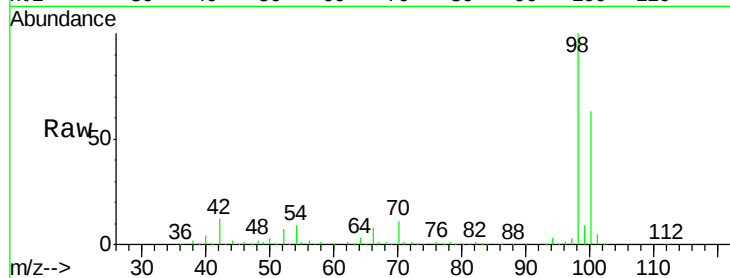
Acq: 01 Apr 2018 07:01

Tot Ion: 98 Resp: 303458

Ion Ratio Lower Upper

98 100

100 63.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.73

200000

150000

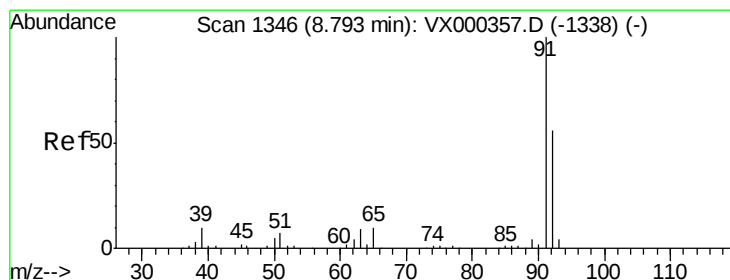
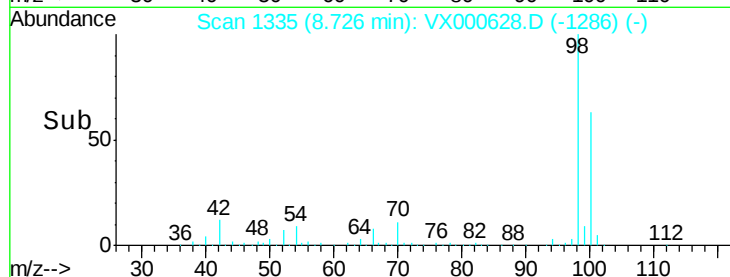
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#52

Toluene

Concen: 3.84 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX000628.D

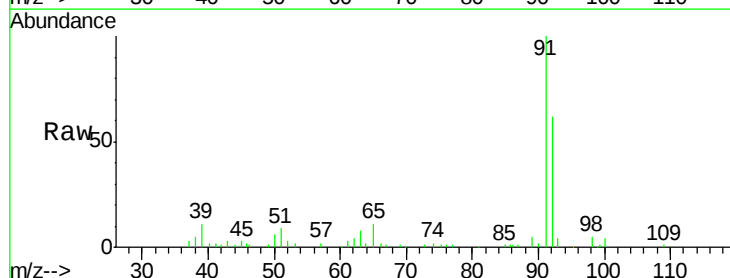
Acq: 01 Apr 2018 07:01

Tgt Ion: 92 Resp: 17052

Ion Ratio Lower Upper

92 100

91 167.0 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

20000

15000

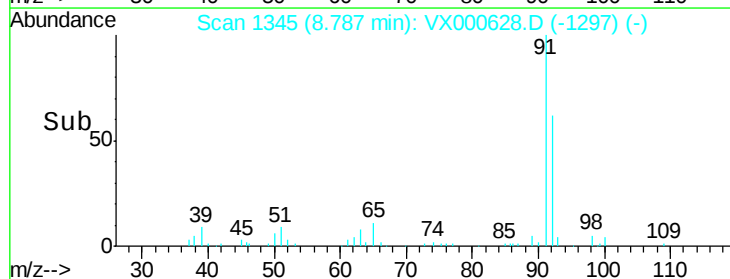
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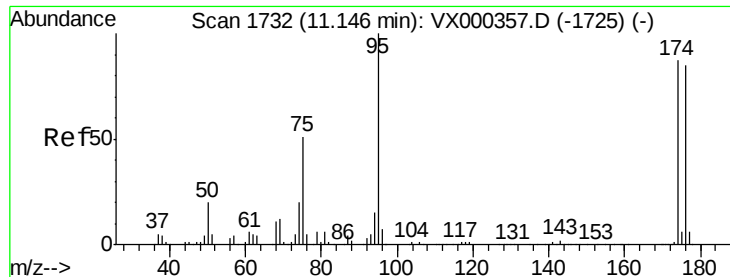
5000

0

8.70 8.80 8.90

Time-->





#62

4-Bromofluorobenzene

Concen: 47.23 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000628.D

Acq: 01 Apr 2018 07:01

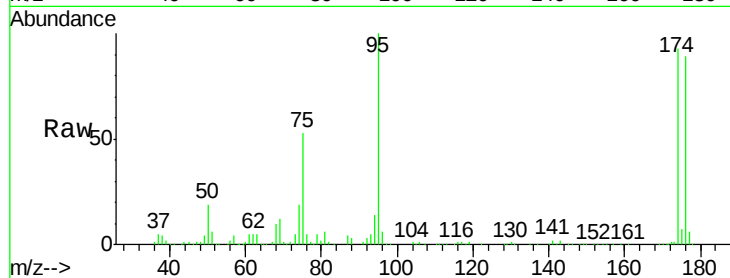
Tot Ion: 95 Resp: 120703

Ion Ratio Lower Upper

95 100

174 87.3 0.0 173.6

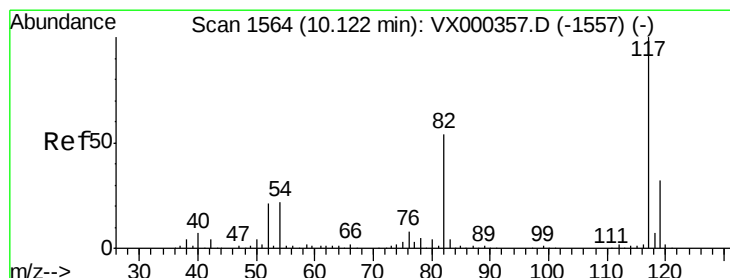
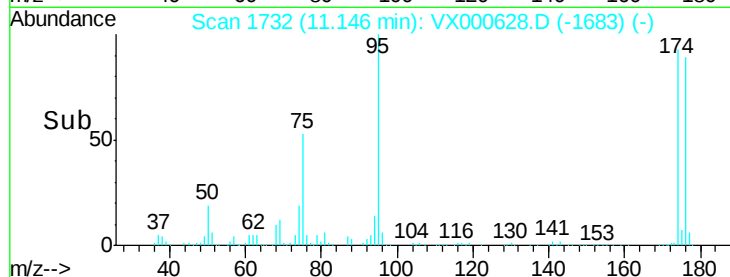
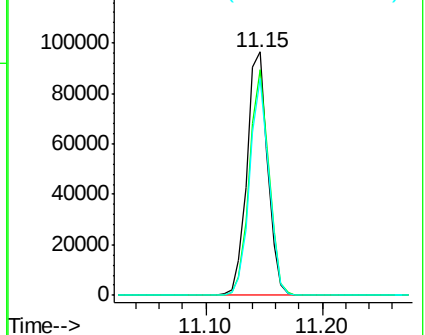
176 82.9 0.0 164.6



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: VX000628.D

Acq: 01 Apr 2018 07:01

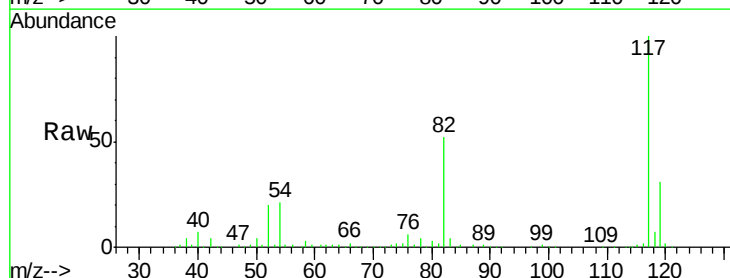
Tgt Ion: 117 Resp: 232654

Ion Ratio Lower Upper

117 100

82 51.9 43.8 65.8

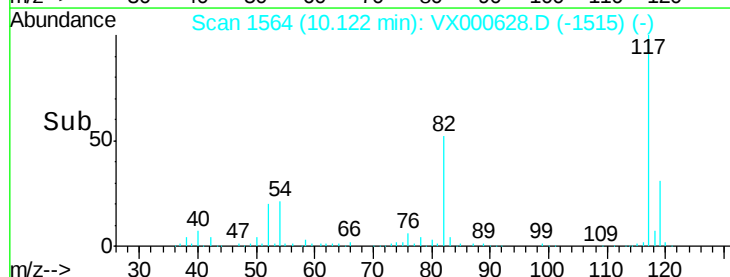
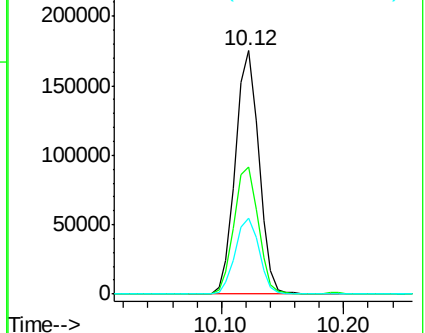
119 31.3 24.9 37.3

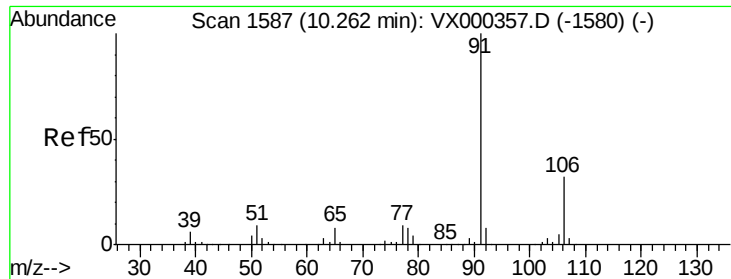


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

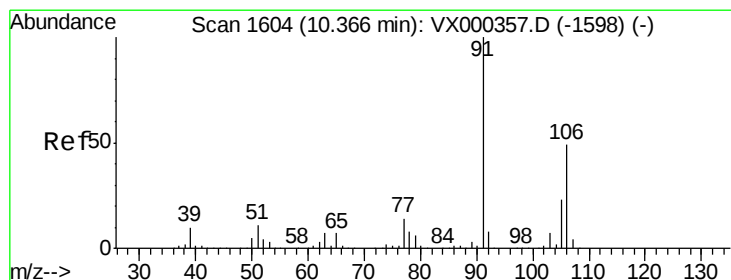
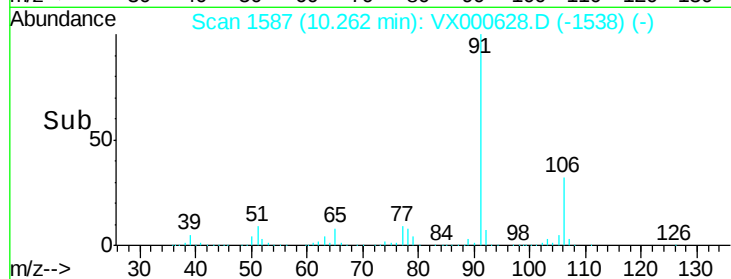
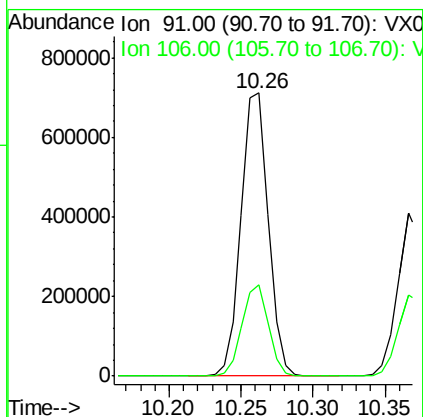
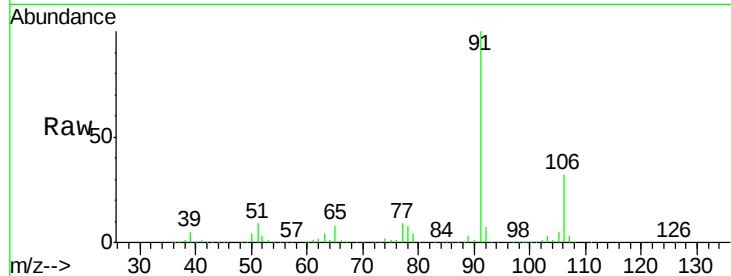
Ion 118.90 (118.60 to 119.60): V





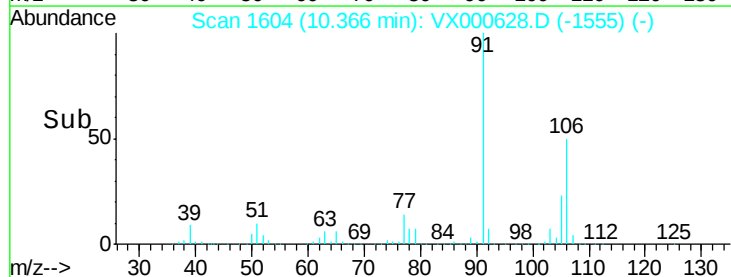
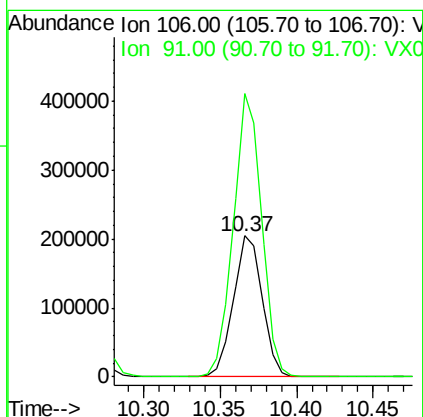
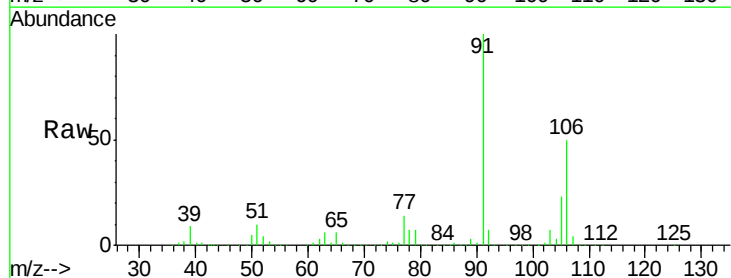
#67
Ethyl Benzene
Concen: 106.75 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

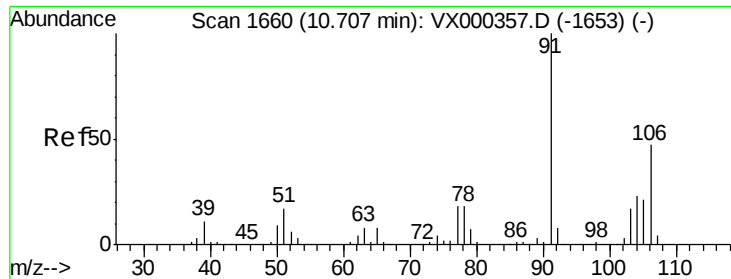
Tot Ion: 91 Resp: 936910
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.6



#68
m/p-Xylenes
Concen: 76.84 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

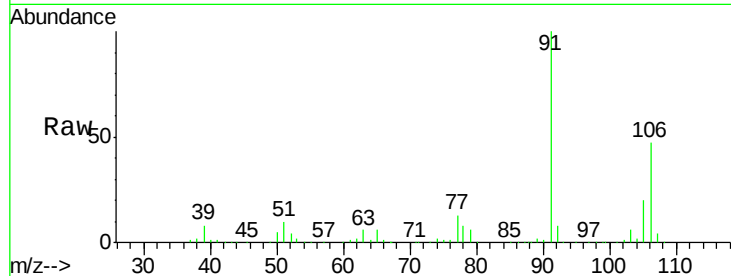
Tgt Ion: 106 Resp: 265390
Ion Ratio Lower Upper
106 100
91 197.4 163.4 245.2



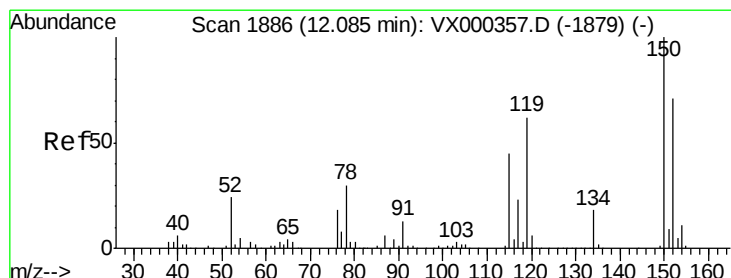
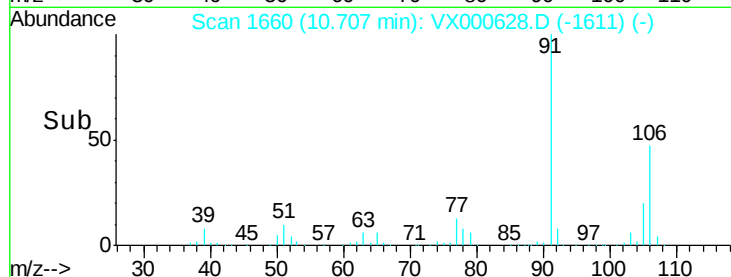
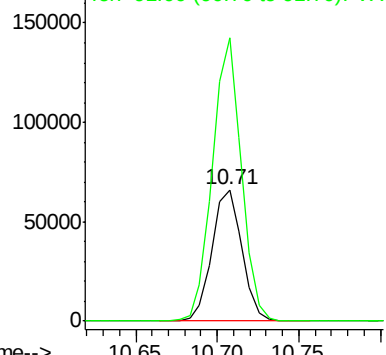


#69
o-Xylene
Concen: 25.27 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tot Ion:106 Resp: 84492
Ion Ratio Lower Upper
106 100
91 209.3 106.5 319.6

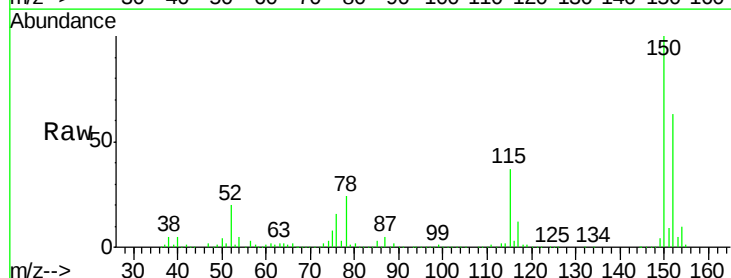


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

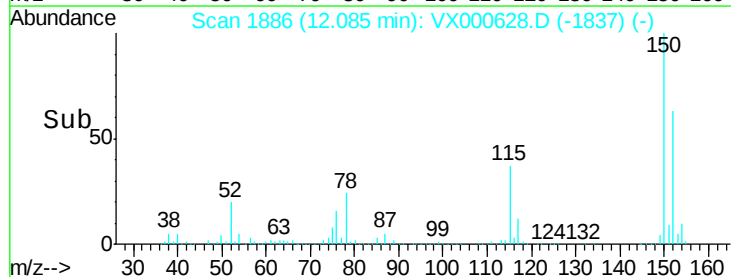
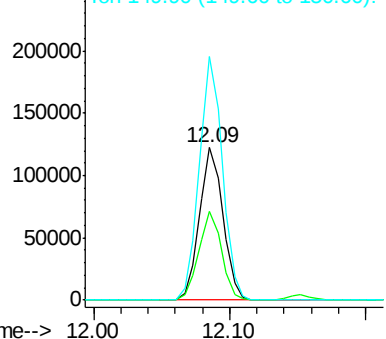


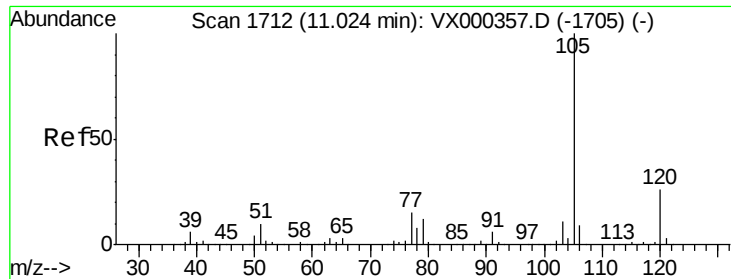
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000628.D
Acq: 01 Apr 2018 07:01

Tgt Ion:152 Resp: 146480
Ion Ratio Lower Upper
152 100
115 56.5 39.8 119.3
150 157.9 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: 5.69 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000628.D

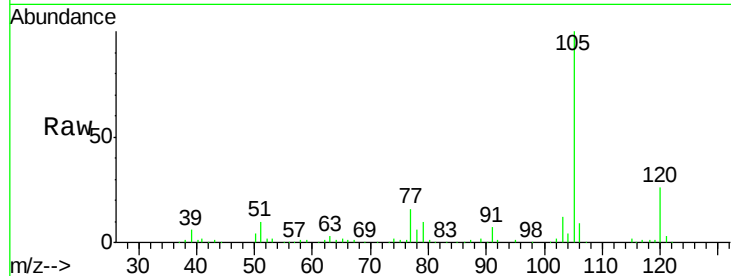
Acq: 01 Apr 2018 07:01

Tot Ion: 105 Resp: 55228

Ion Ratio Lower Upper

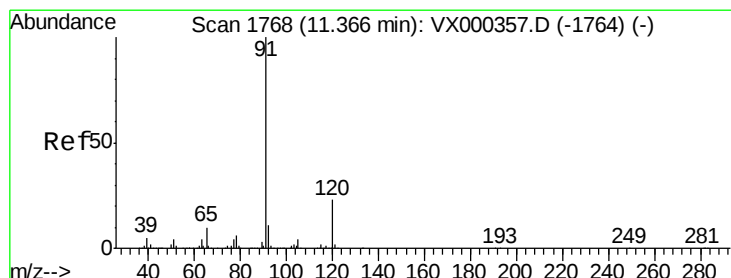
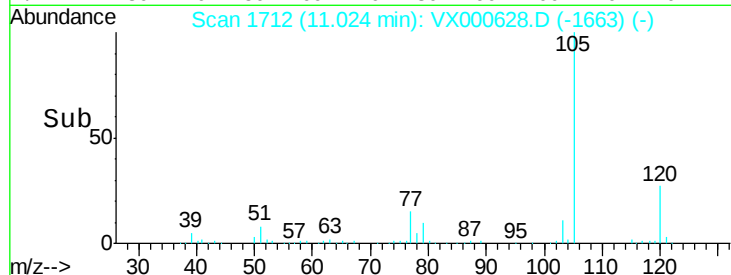
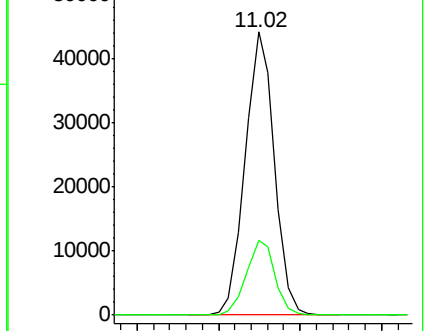
105 100

120 25.9 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: 12.26 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000628.D

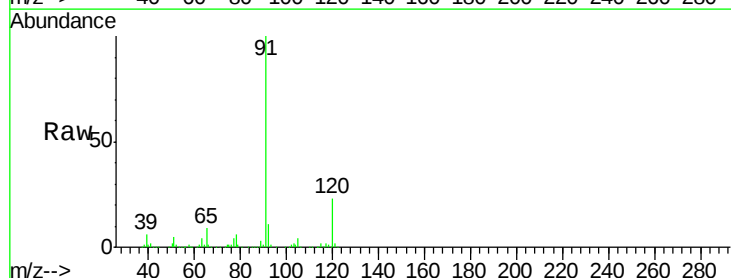
Acq: 01 Apr 2018 07:01

Tgt Ion: 91 Resp: 141919

Ion Ratio Lower Upper

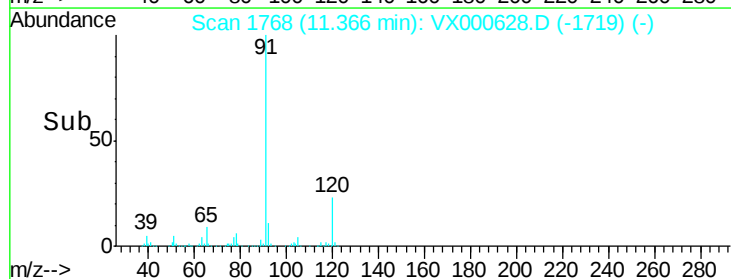
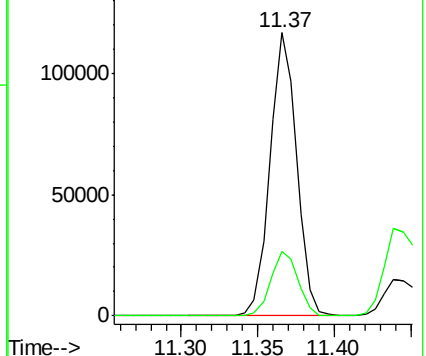
91 100

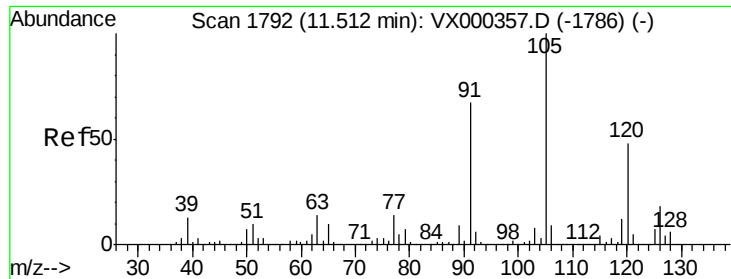
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

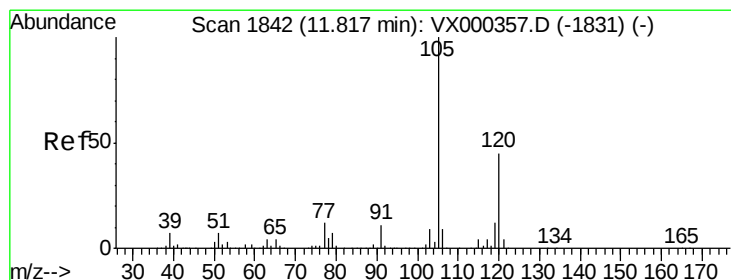
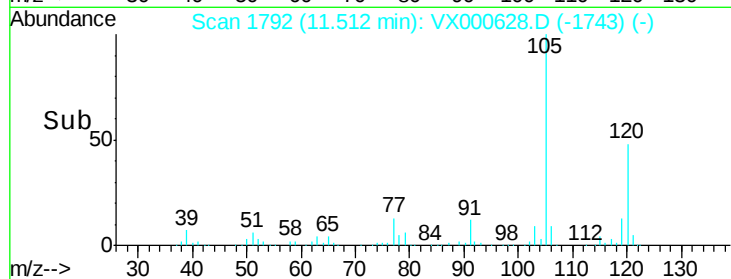
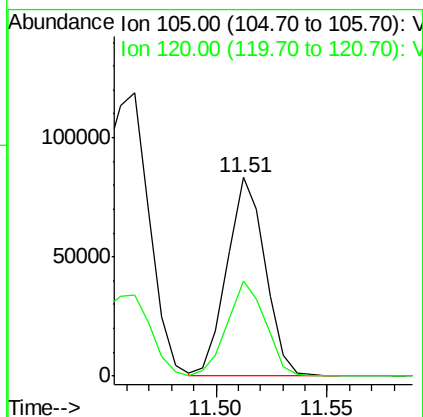
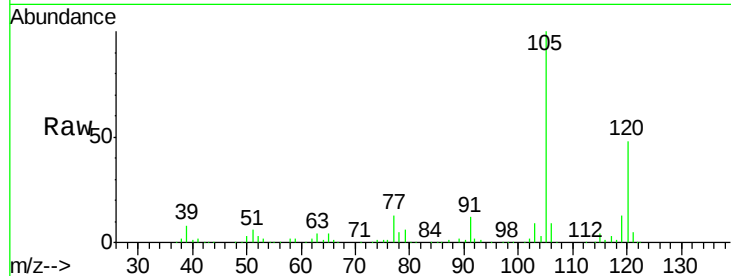
Ion 120.00 (119.70 to 120.70): V





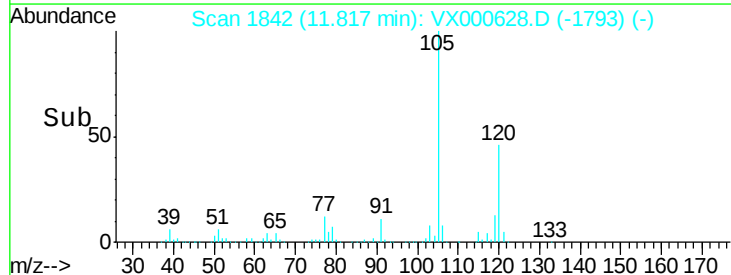
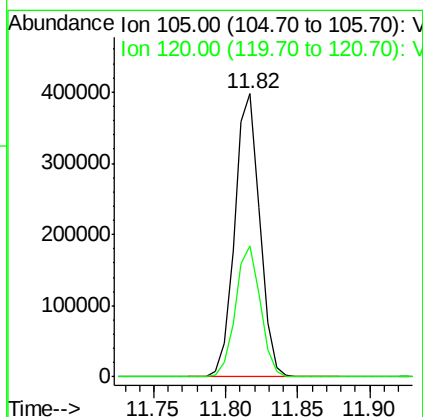
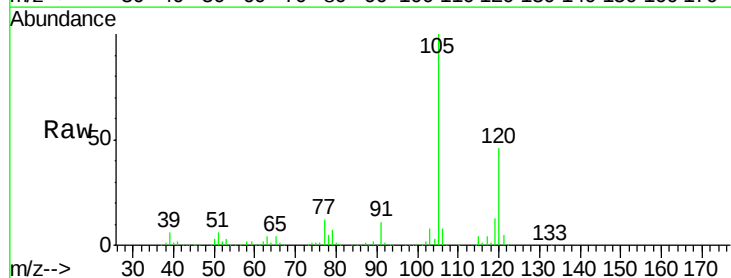
#80
 1,3,5-Trimethylbenzene
 Concen: 12.17 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000628.D
 Acq: 01 Apr 2018 07:01

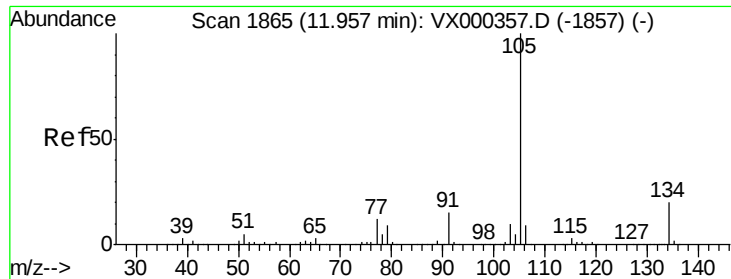
Tot Ion:105 Resp: 99329
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.4



#84
 1,2,4-Trimethylbenzene
 Concen: 56.48 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000628.D
 Acq: 01 Apr 2018 07:01

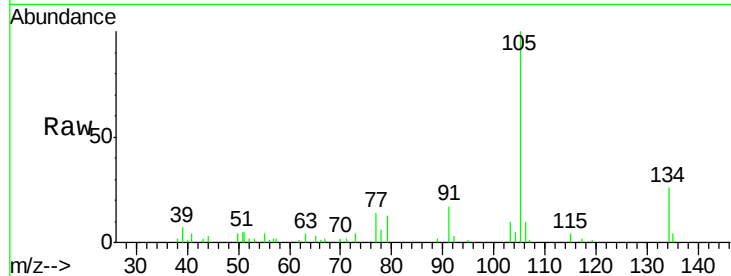
Tgt Ion:105 Resp: 483206
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.4 67.3



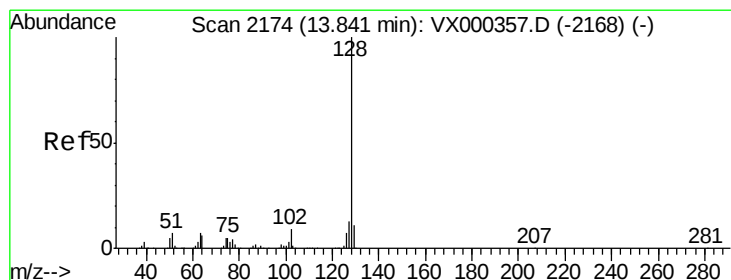
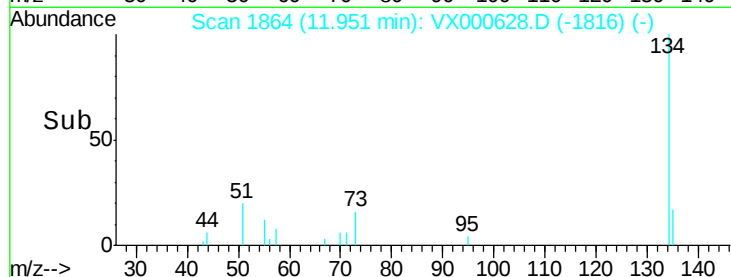
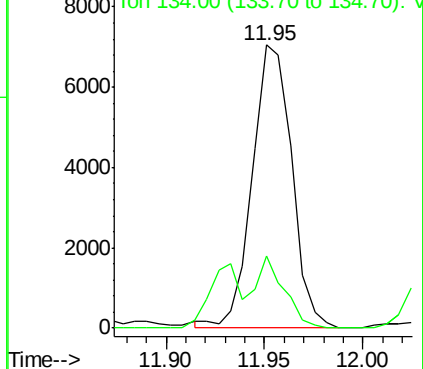


#85
 sec-Butylbenzene
 Concen: 0.97 ug/l m
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: VX000628.D
 Acq: 01 Apr 2018 07:01

Tot Ion:105 Resp: 9876
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#

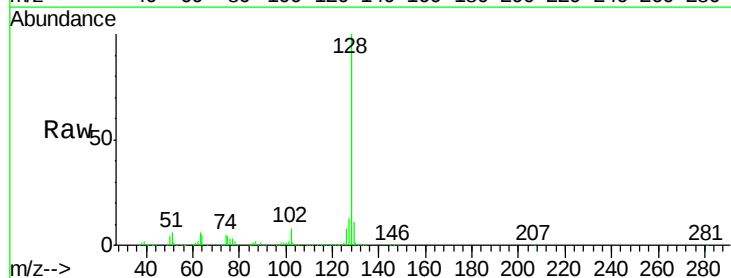


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V



#95
 Naphthalene
 Concen: 33.89 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX000628.D
 Acq: 01 Apr 2018 07:01

Tgt Ion:128 Resp: 405568
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.6 15.8
 129 11.3 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

