

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000629.D
 Acq On : 01 Apr 2018 07:27
 Operator : JC/MD
 Sample : J2132-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

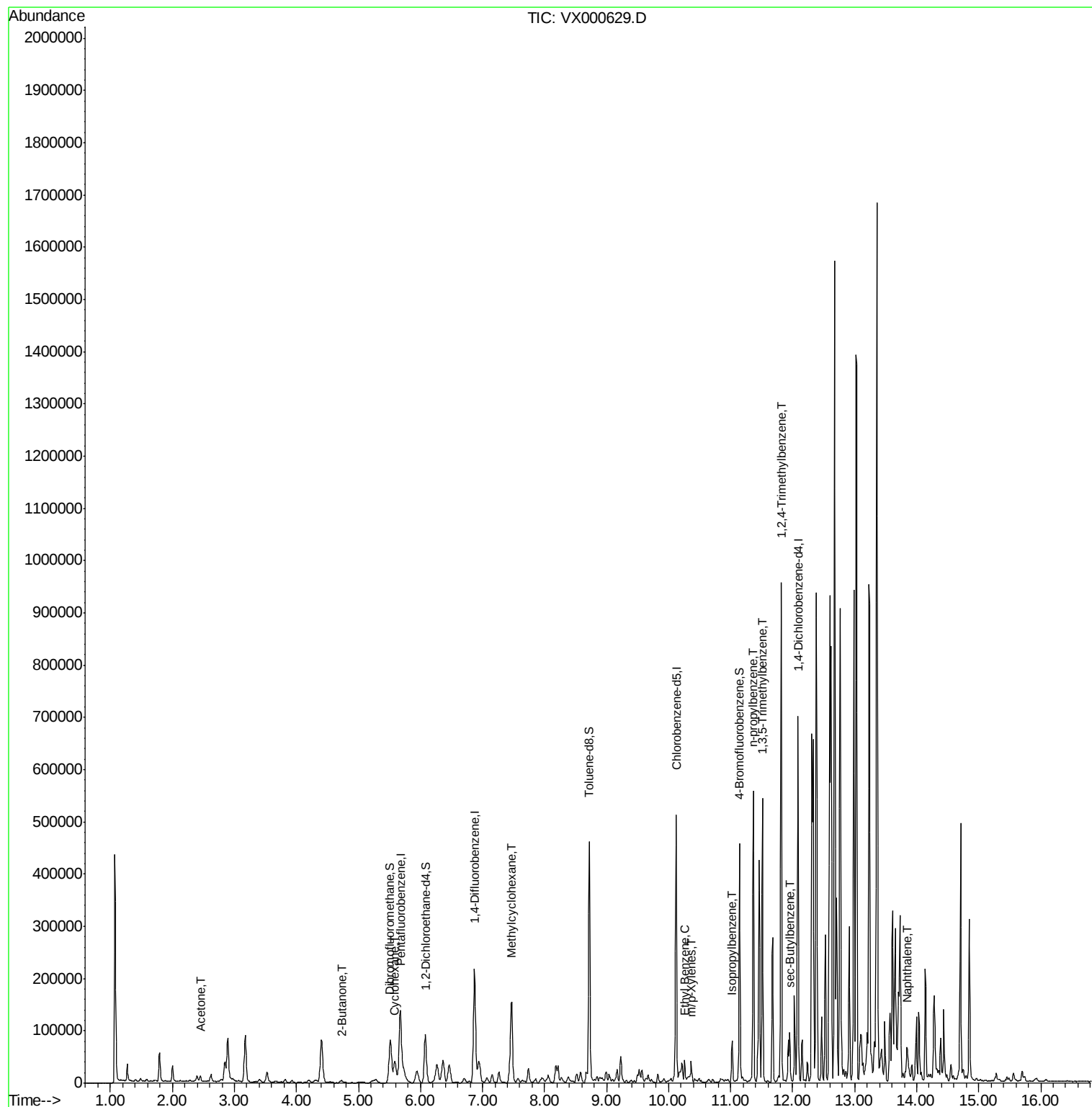
Quant Time: Apr 04 07:34:55 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

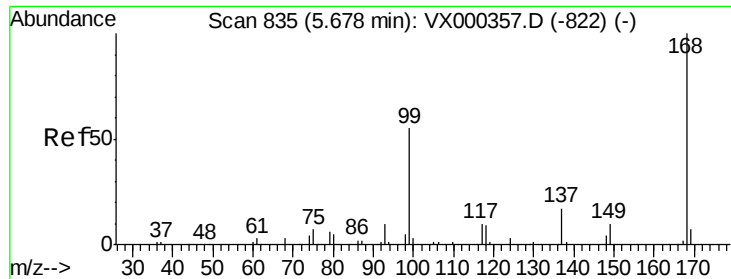
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	128308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	213557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	219375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132318	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	83894	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	5.52	113	64111	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
50) Toluene-d8	8.72	98	273678	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.15	95	107448	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	
Target Compounds						
16) Acetone	2.45	43	11369	8.16	ug/l	99
25) 2-Butanone	4.72	43	9044	5.77	ug/l	98
31) Cyclohexane	5.59	56	26480	12.53	ug/l #	93
39) Methylcyclohexane	7.47	83	66929	27.51	ug/l	95
67) Ethyl Benzene	10.26	91	22251	2.69	ug/l	93
68) m/p-Xylenes	10.37	106	7783	2.39	ug/l	99
73) Isopropylbenzene	11.02	105	37053	4.23	ug/l	100
78) n-propylbenzene	11.37	91	315936	30.22	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	219805	29.82	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	407775	52.76	ug/l	100
85) sec-Butylbenzene	11.96	105	52667	5.73	ug/l	96
95) Naphthalene	13.84	128	39160	3.62	ug/l #	90

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

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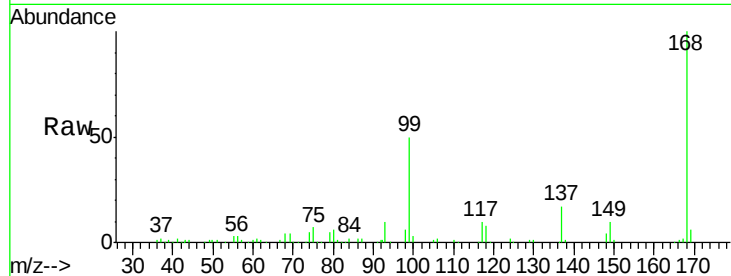
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Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
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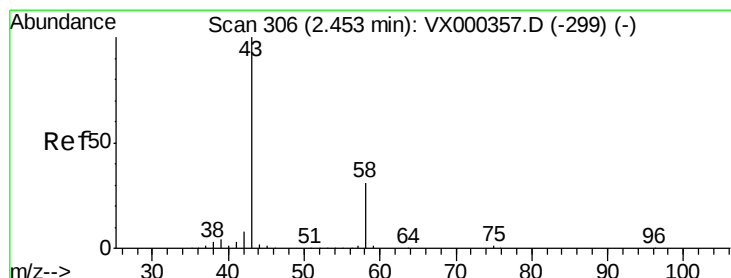
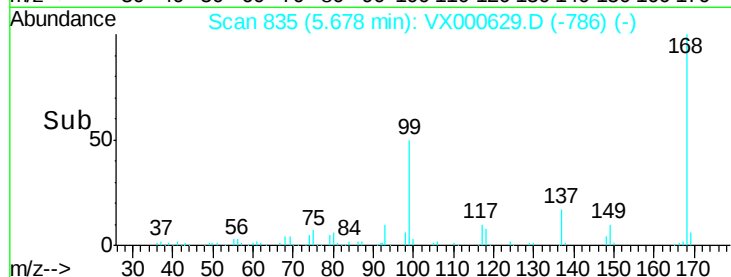
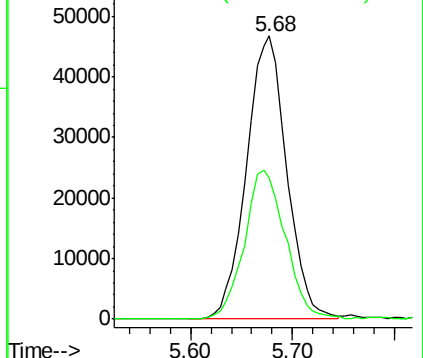


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

Tot Ion:168 Resp: 128308
Ion Ratio Lower Upper
168 100
99 49.8 45.8 68.6

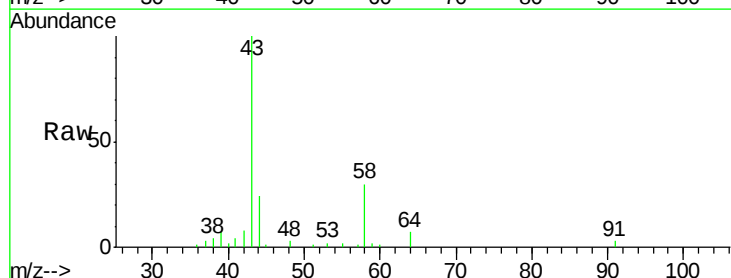


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VX0

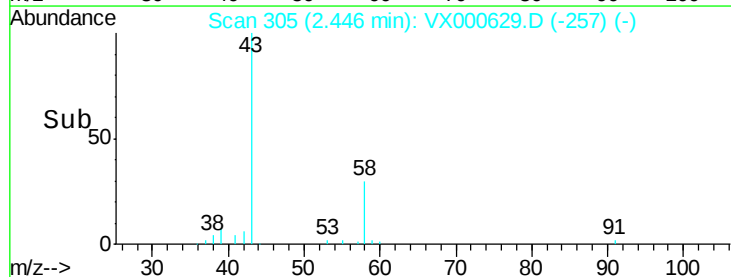
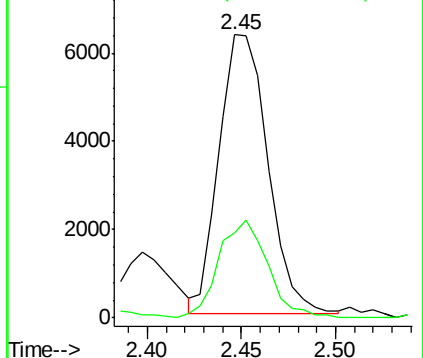


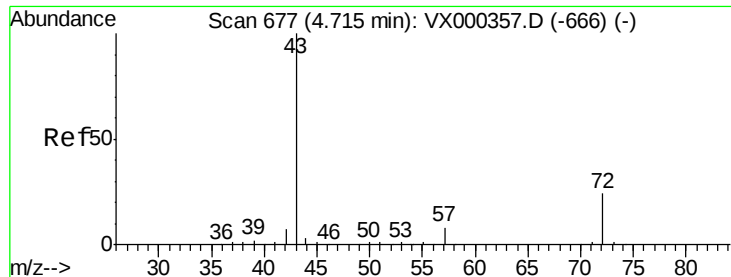
#16
Acetone
Concen: 8.16 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

Tgt Ion: 43 Resp: 11369
Ion Ratio Lower Upper
43 100
58 30.6 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: 5.77 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000629.D

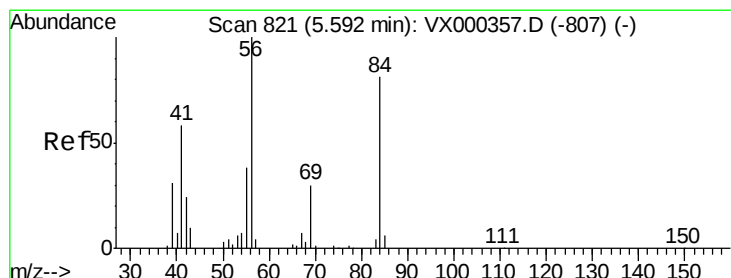
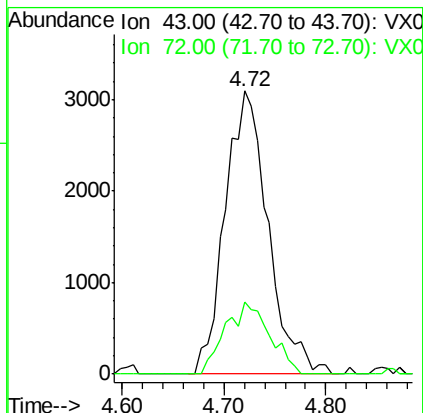
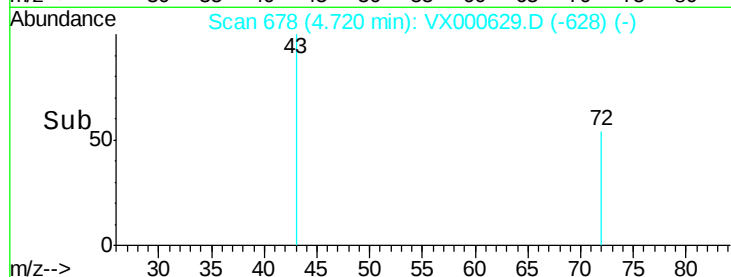
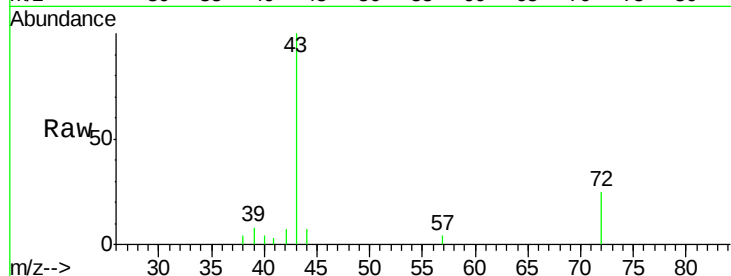
Acq: 01 Apr 2018 07:27

Tot Ion: 43 Resp: 9044

Ion Ratio Lower Upper

43 100

72 25.5 21.0 31.6



#31

Cyclohexane

Concen: 12.53 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

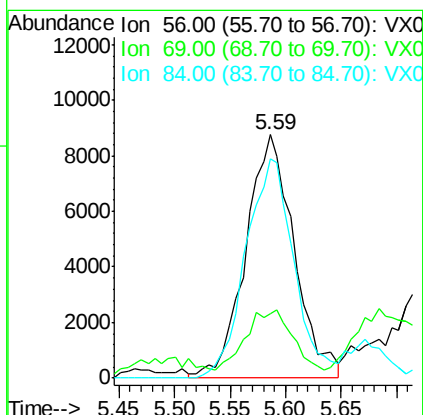
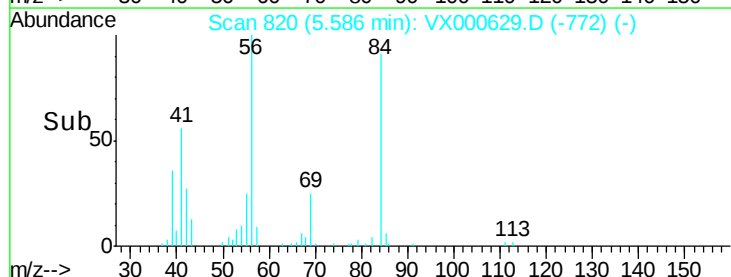
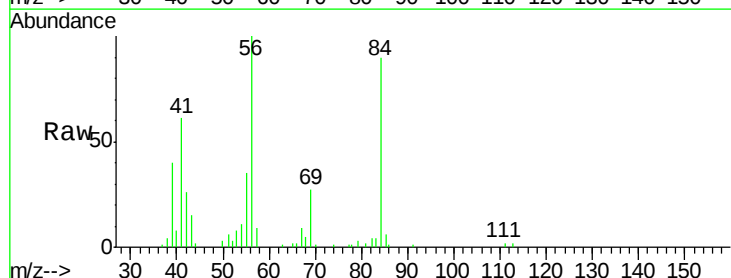
Tgt Ion: 56 Resp: 26480

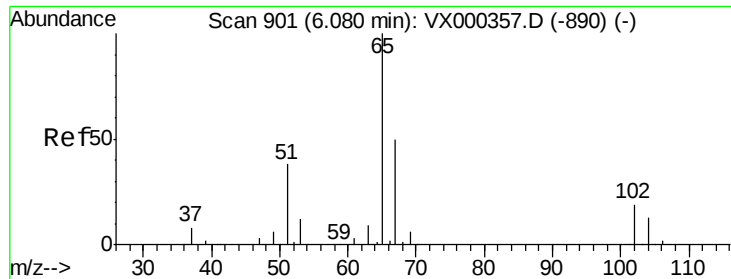
Ion Ratio Lower Upper

56 100

69 19.1 23.4 35.0#

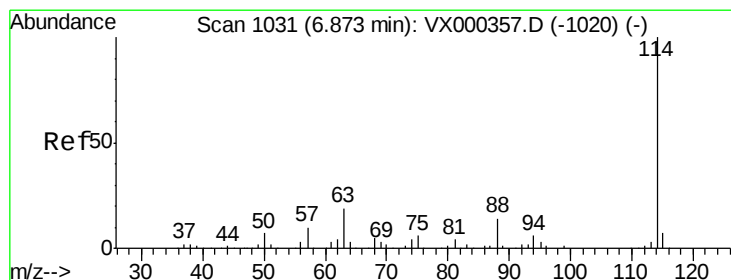
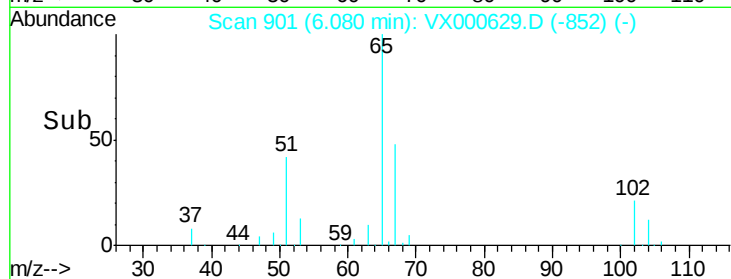
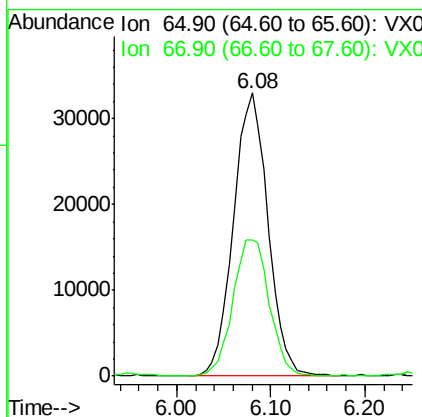
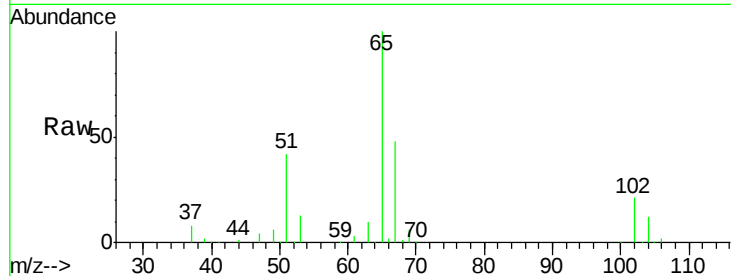
84 91.7 71.0 106.4





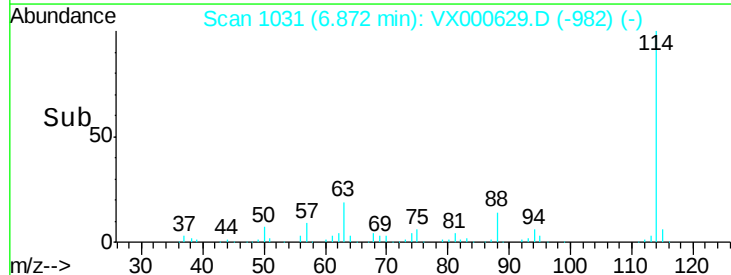
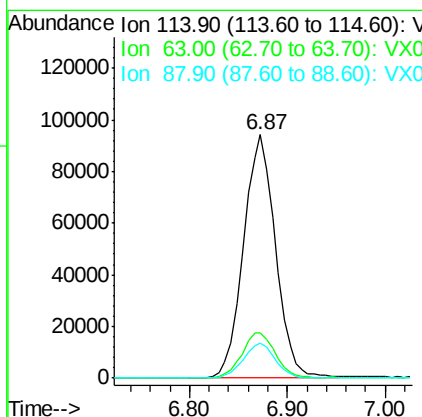
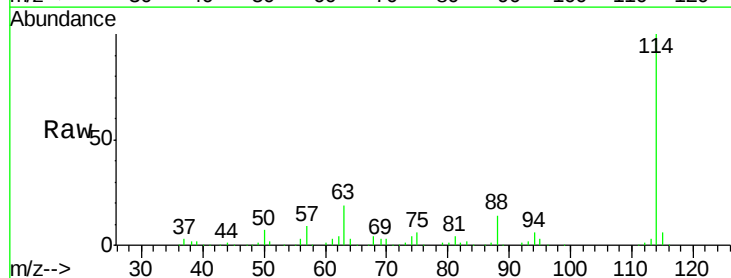
#33
 1,2-Dichloroethane-d4
 Concen: 50.09 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000629.D
 Acq: 01 Apr 2018 07:27

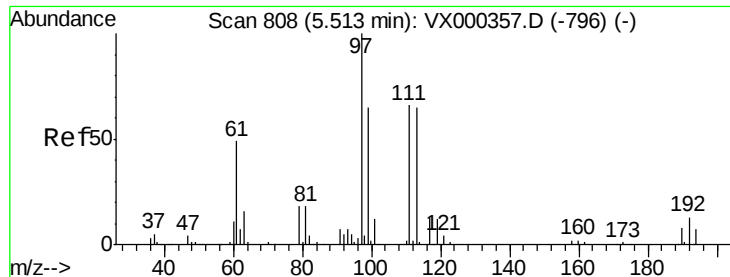
Tot Ion: 65 Resp: 83894
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000629.D
 Acq: 01 Apr 2018 07:27

Tgt Ion: 114 Resp: 213557
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.4
 88 14.2 0.0 27.0





#35

Dibromofluoromethane

Concen: 47.65 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

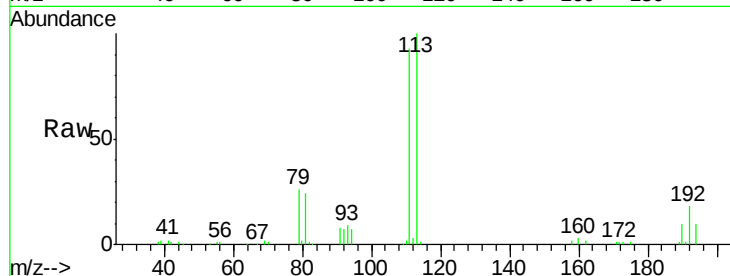
Tot Ion:113 Resp: 64111

Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

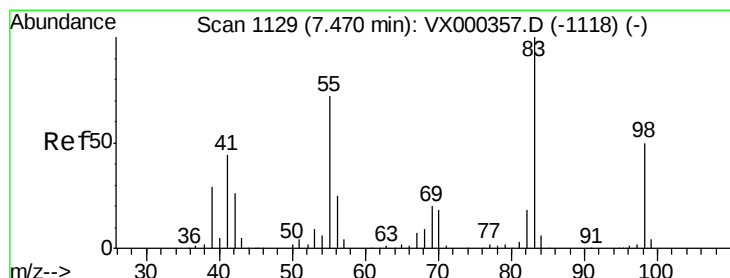
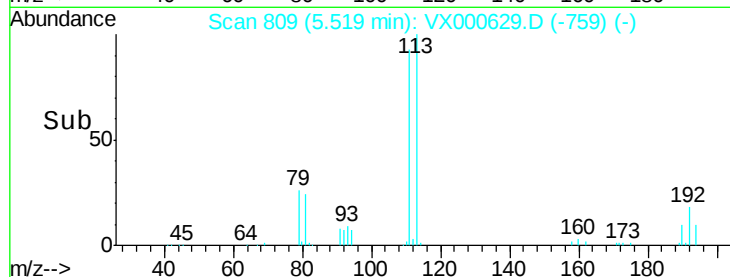
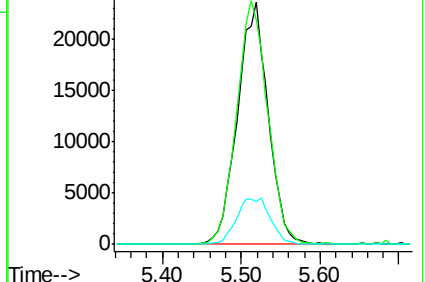
192 21.1 15.8 23.6



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: 27.51 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

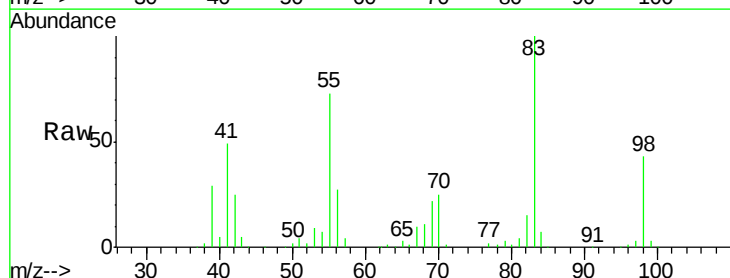
Tgt Ion: 83 Resp: 66929

Ion Ratio Lower Upper

83 100

55 72.2 55.5 83.3

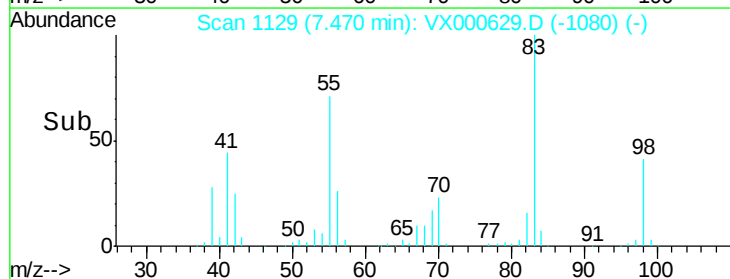
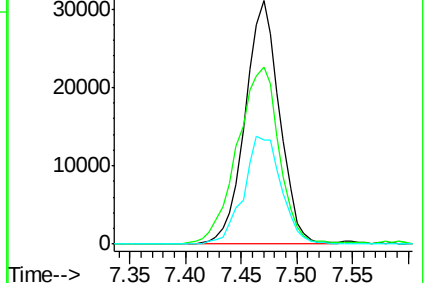
98 43.0 38.2 57.4

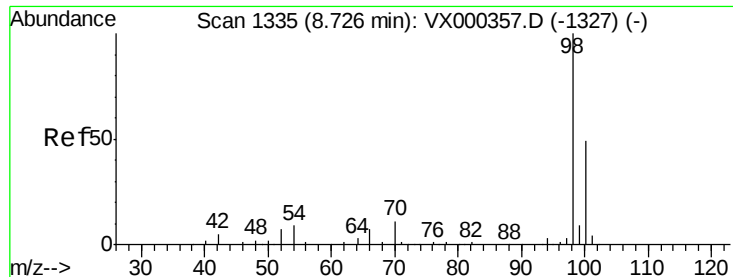


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 49.11 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000629.D

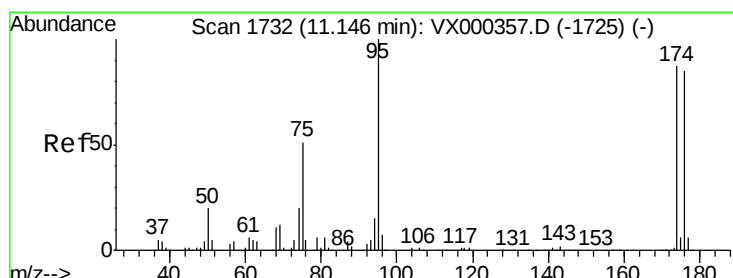
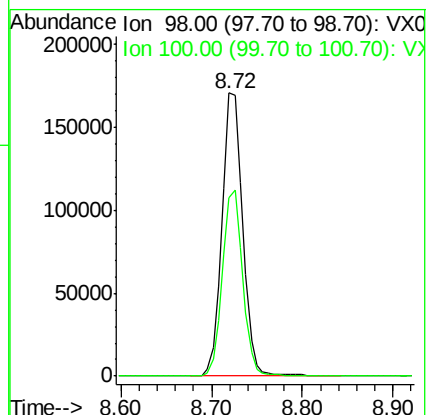
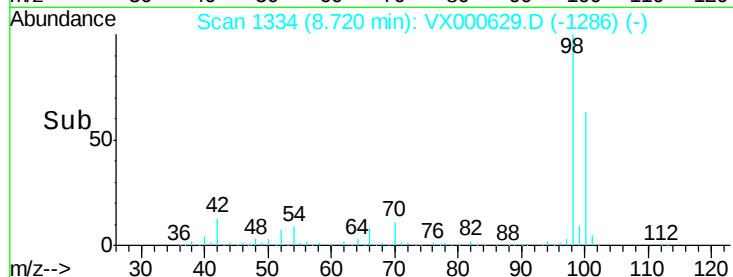
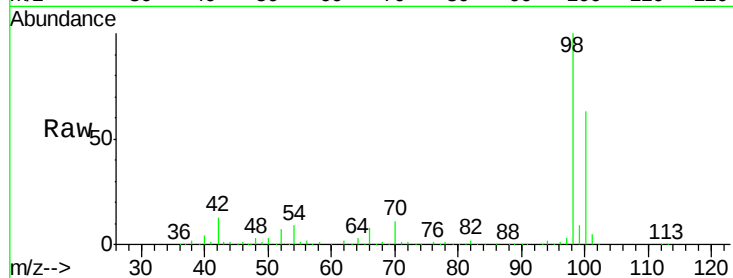
Acq: 01 Apr 2018 07:27

Tot Ion: 98 Resp: 273678

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 46.16 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

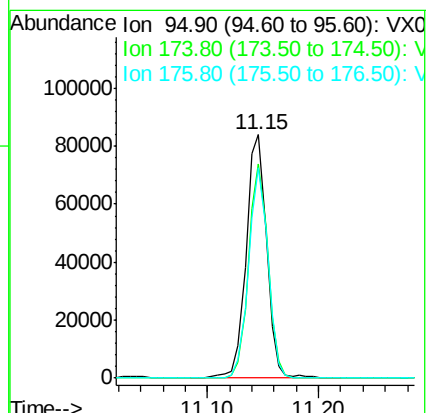
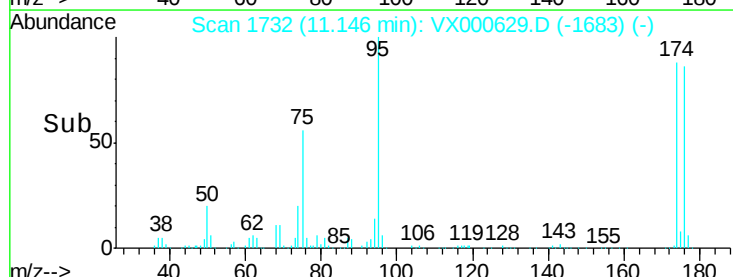
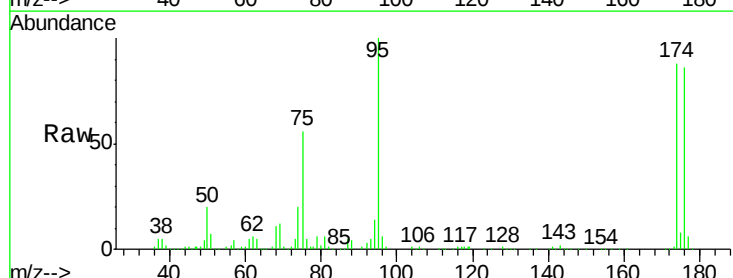
Tgt Ion: 95 Resp: 107448

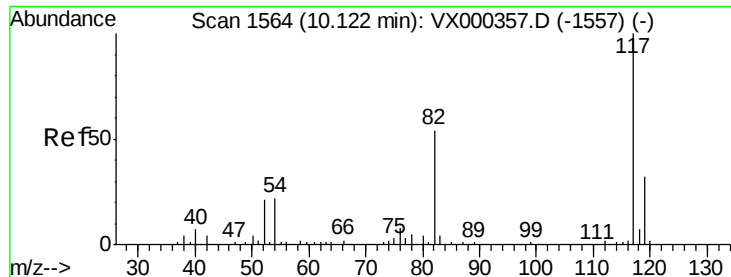
Ion Ratio Lower Upper

95 100

174 82.9 0.0 173.6

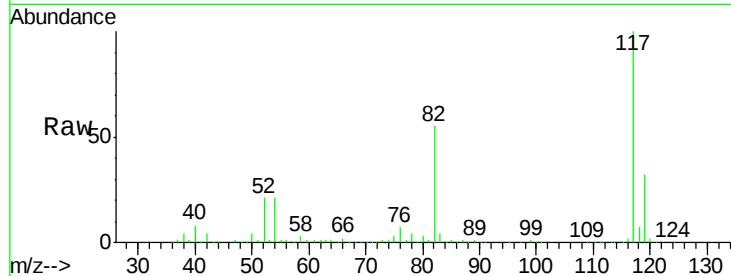
176 81.5 0.0 164.6



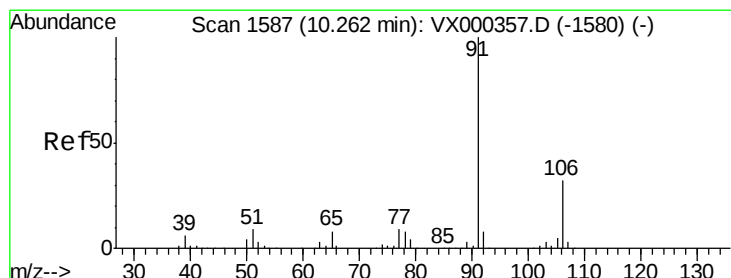
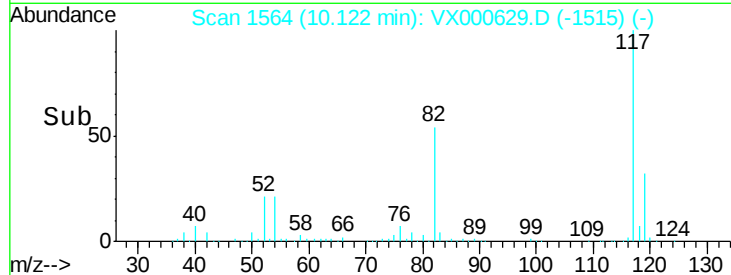
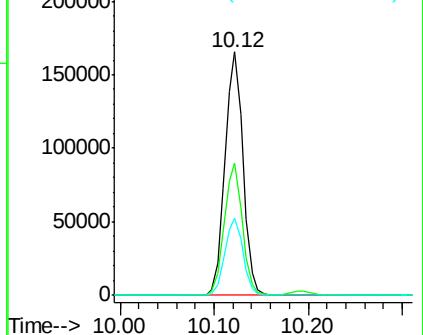


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

Tot Ion:117 Resp: 219375
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 31.8 24.9 37.3

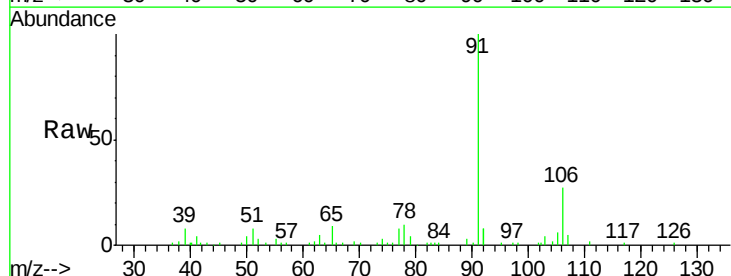


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

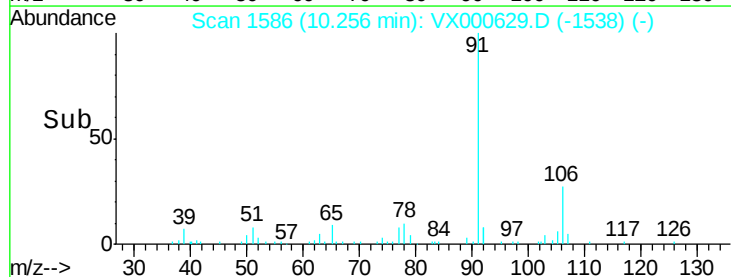
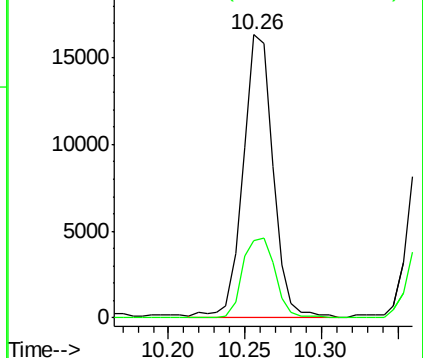


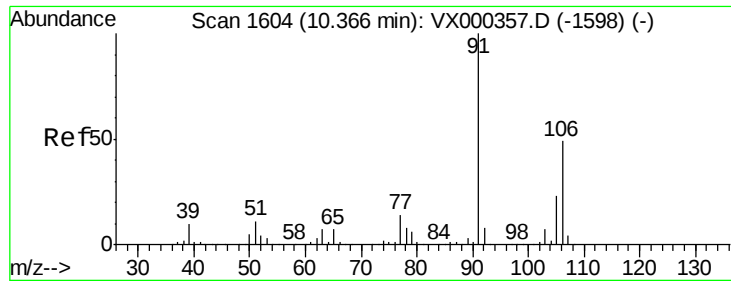
#67
Ethyl Benzene
Concen: 2.69 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

Tgt Ion: 91 Resp: 22251
Ion Ratio Lower Upper
91 100
106 27.5 25.0 37.6



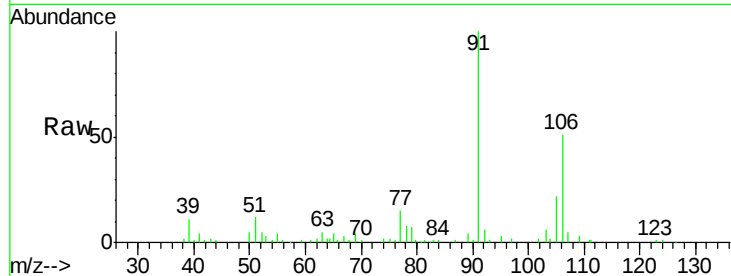
Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V



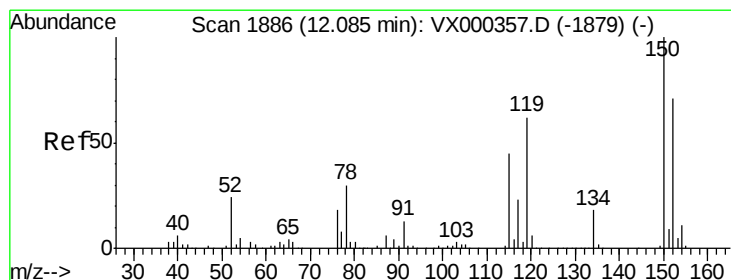
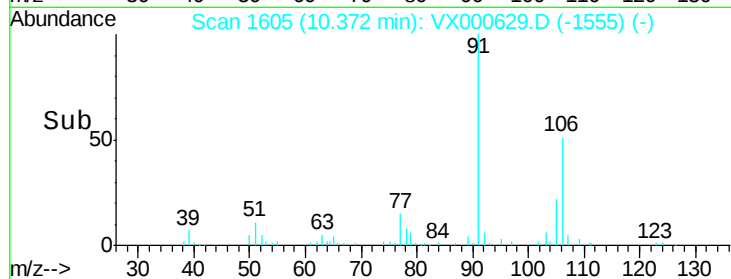
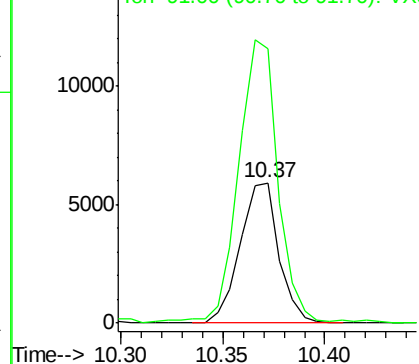


#68
m/p-Xvlenes
Concen: 2.39 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

Tot Ion:106 Resp: 7783
Ion Ratio Lower Upper
106 100
91 205.3 163.4 245.2

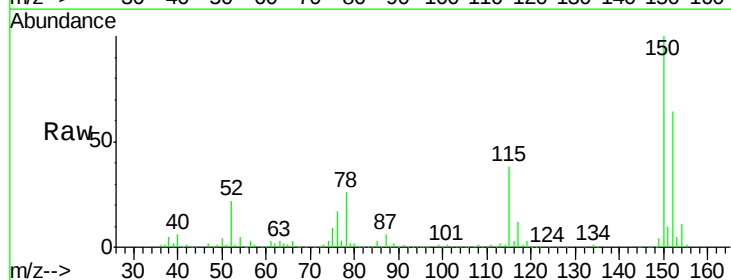


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

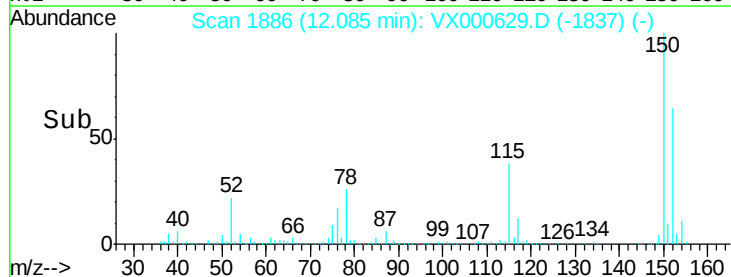
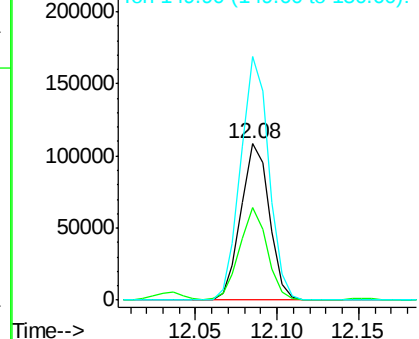


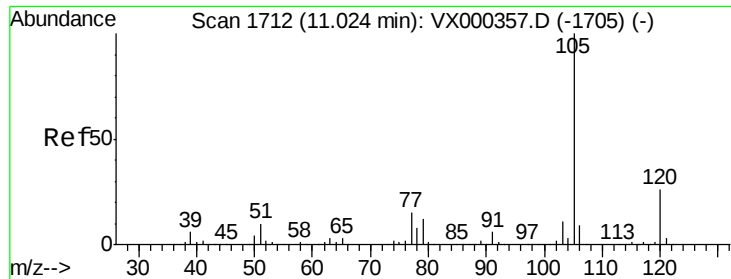
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000629.D
Acq: 01 Apr 2018 07:27

Tgt Ion:152 Resp: 132318
Ion Ratio Lower Upper
152 100
115 57.4 39.8 119.3
150 154.6 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: 4.23 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000629.D

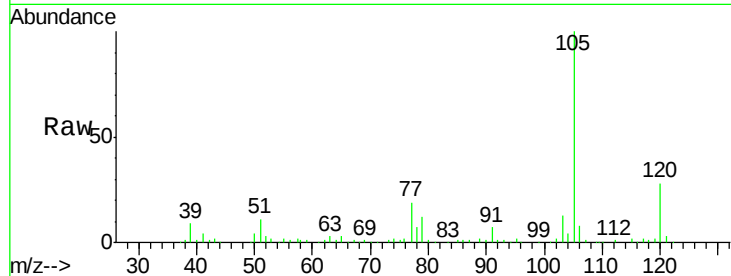
Acq: 01 Apr 2018 07:27

Tot Ion: 105 Resp: 37053

Ion Ratio Lower Upper

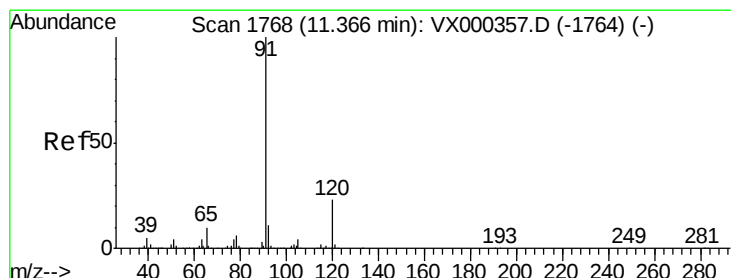
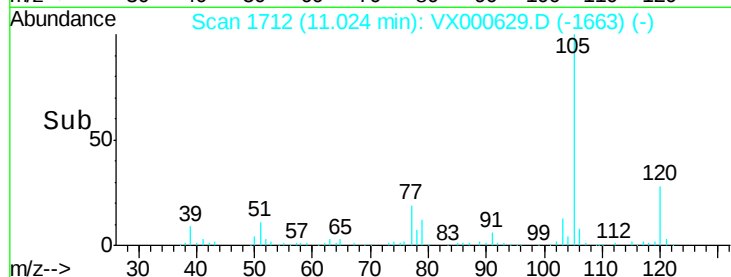
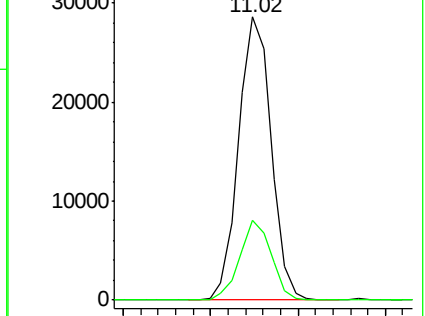
105 100

120 27.2 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: 30.22 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000629.D

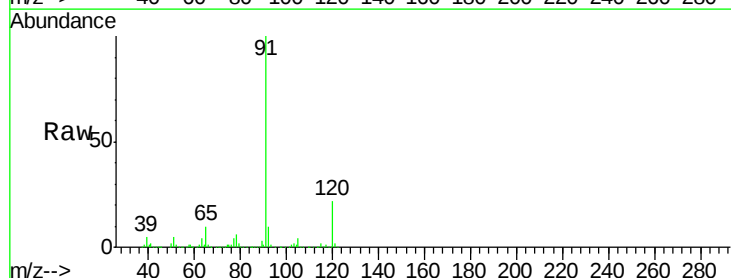
Acq: 01 Apr 2018 07:27

Tgt Ion: 91 Resp: 315936

Ion Ratio Lower Upper

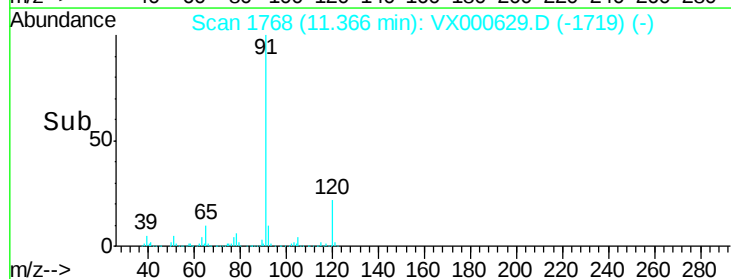
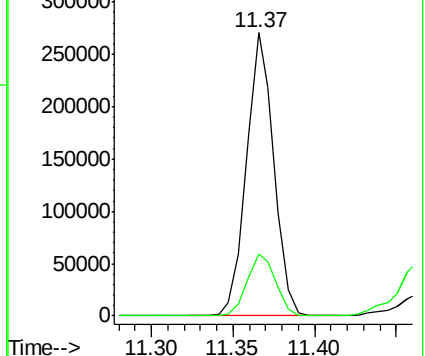
91 100

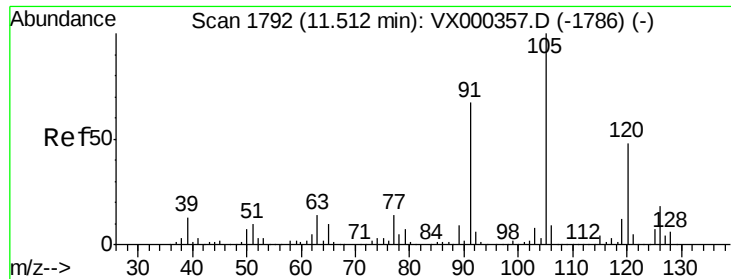
120 22.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

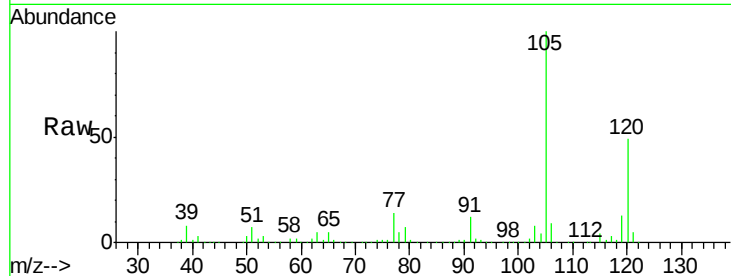
Ion 120.00 (119.70 to 120.70): V



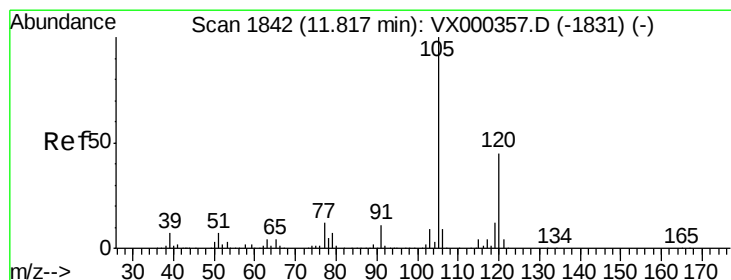
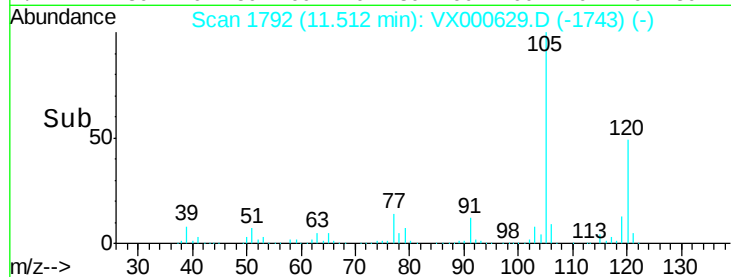
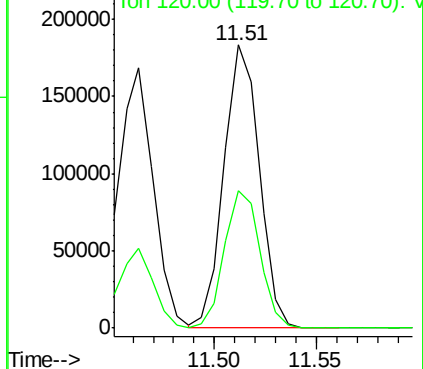


#80
 1,3,5-Trimethylbenzene
 Concen: 29.82 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000629.D
 Acq: 01 Apr 2018 07:27

Tot Ion:105 Resp: 219805
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.4

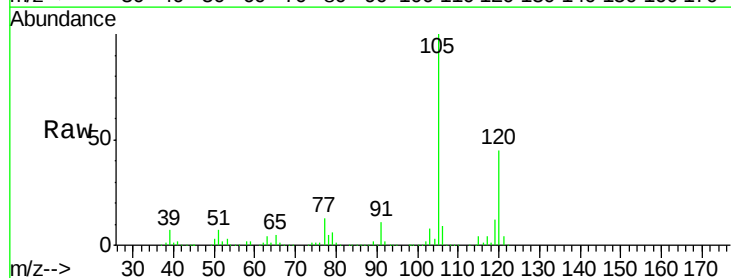


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

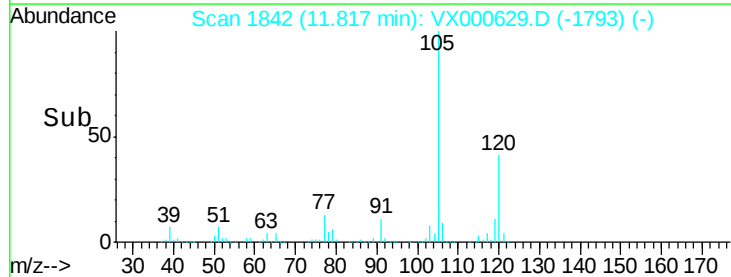
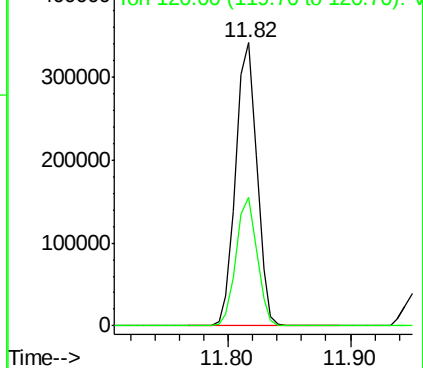


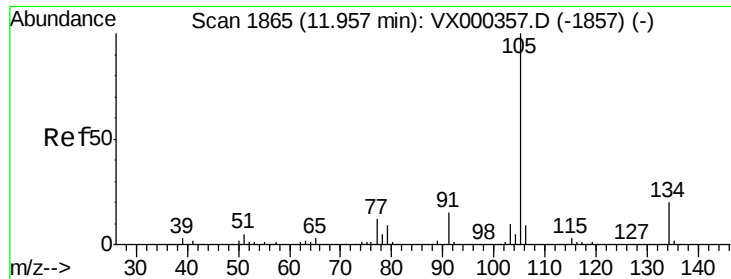
#84
 1,2,4-Trimethylbenzene
 Concen: 52.76 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000629.D
 Acq: 01 Apr 2018 07:27

Tgt Ion:105 Resp: 407775
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 5.73 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000629.D

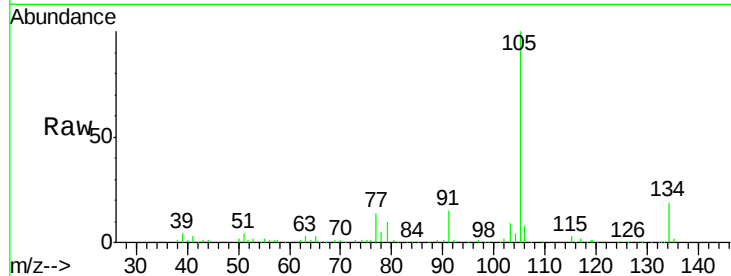
Acq: 01 Apr 2018 07:27

Tot Ion:105 Resp: 52667

Ion Ratio Lower Upper

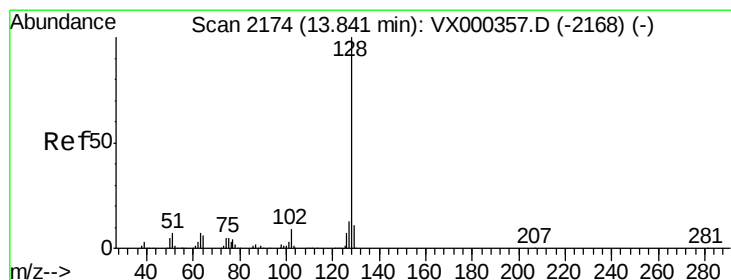
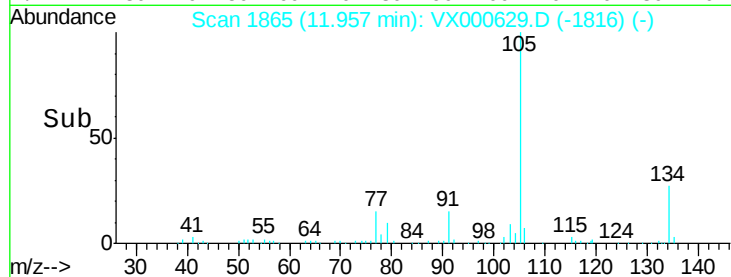
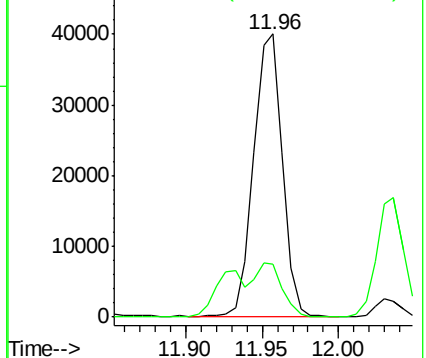
105 100

134 18.7 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: 3.62 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000629.D

Acq: 01 Apr 2018 07:27

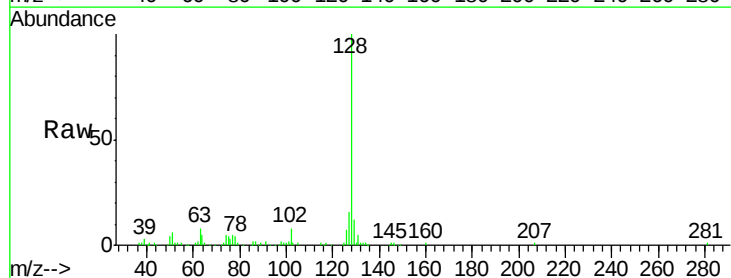
Tgt Ion:128 Resp: 39160

Ion Ratio Lower Upper

128 100

127 17.7 10.6 15.8#

129 14.5 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

