

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000619.D
 Acq On : 01 Apr 2018 03:12
 Operator : JC/MD
 Sample : J2132-04 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: Apr 04 06:06:48 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	108862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	177837	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	179232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	103638	50.00	ug/l	0.00

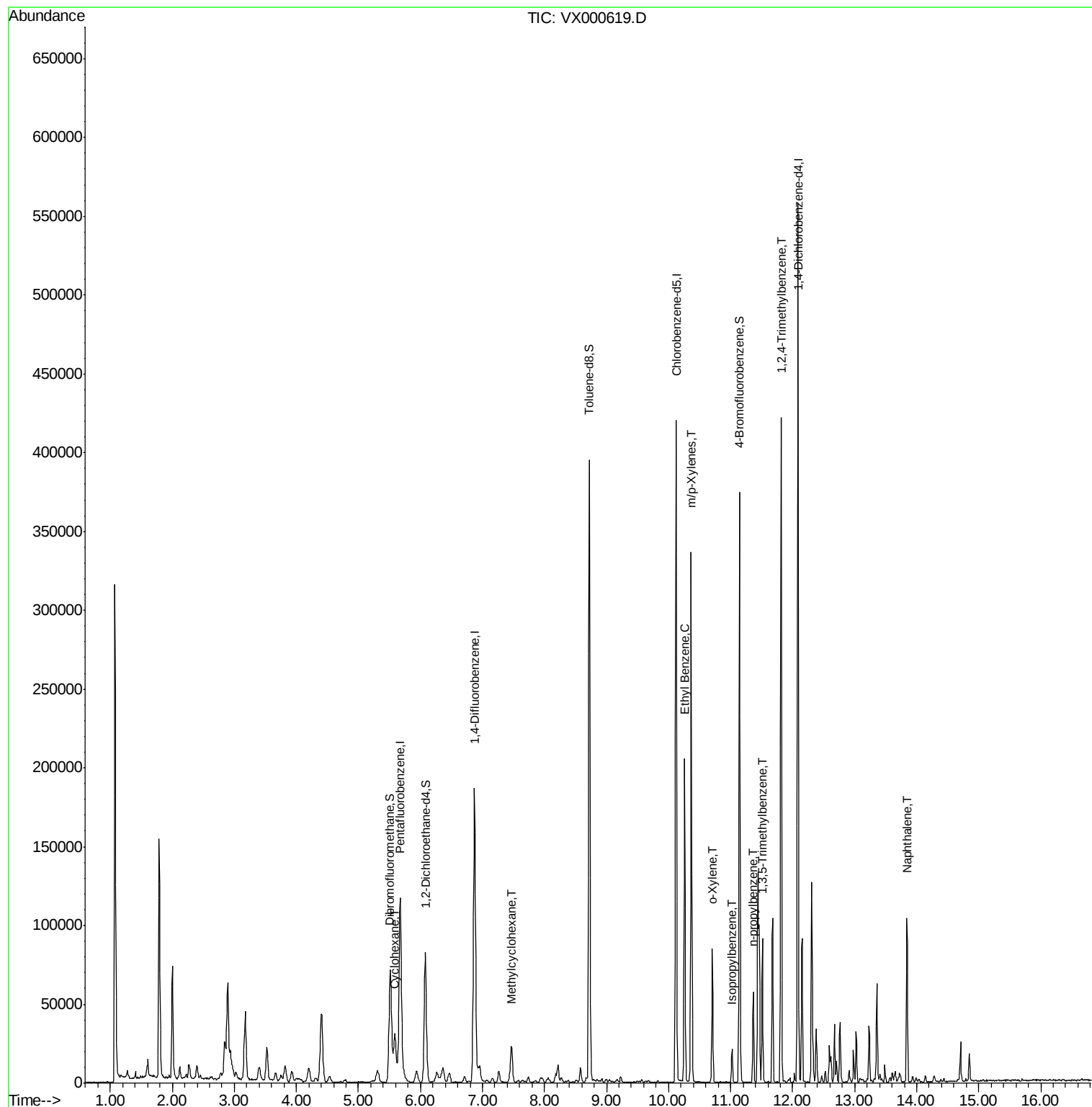
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	71517	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
35) Dibromofluoromethane	5.51	113	55944	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
50) Toluene-d8	8.72	98	230333	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.15	95	83176	43.35	ug/l	0.00
Spiked Amount			Recovery	=	86.70%	

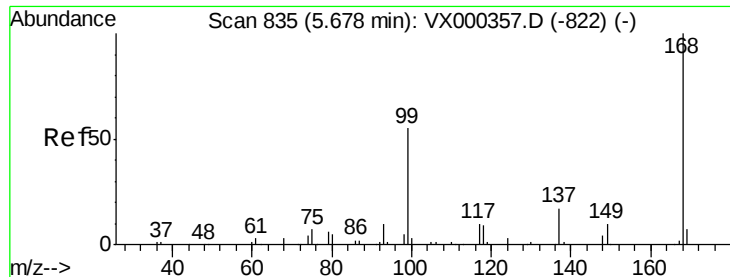
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.59	56	18898	10.54	ug/l	97
39) Methylcyclohexane	7.48	83	9282	4.58	ug/l	# 89
67) Ethyl Benzene	10.26	91	114489	16.93	ug/l	99
68) m/p-Xylenes	10.37	106	72169	27.12	ug/l	99
69) o-Xylene	10.71	106	18009	6.99	ug/l	98
73) Isopropylbenzene	11.02	105	9962	1.45	ug/l	95
78) n-propylbenzene	11.37	91	31816	3.89	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	36720	6.36	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	178329	29.46	ug/l	99
95) Naphthalene	13.84	128	59357	7.01	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: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000619.D

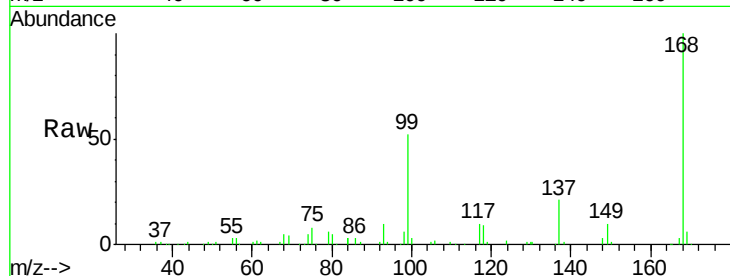
Acq: 01 Apr 2018 03:12

Tot Ion:168 Resp: 108862

Ion Ratio Lower Upper

168 100

99 52.3 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

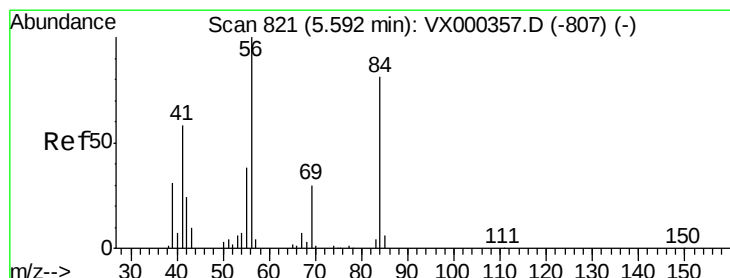
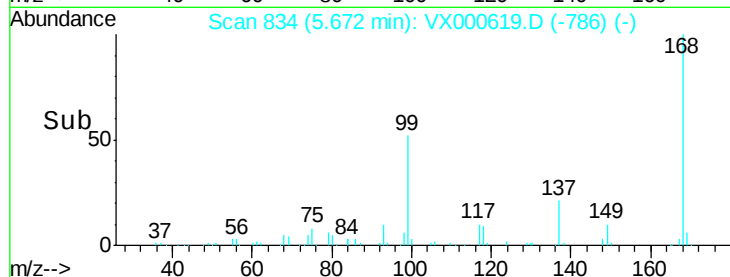
20000

10000

0

Time-->

5.60 5.70 5.80



#31

Cyclohexane

Concen: 10.54 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000619.D

Acq: 01 Apr 2018 03:12

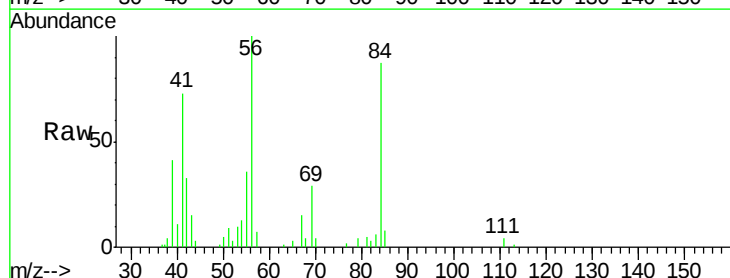
Tgt Ion: 56 Resp: 18898

Ion Ratio Lower Upper

56 100

69 26.5 23.4 35.0

84 86.6 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

5.59

8000

6000

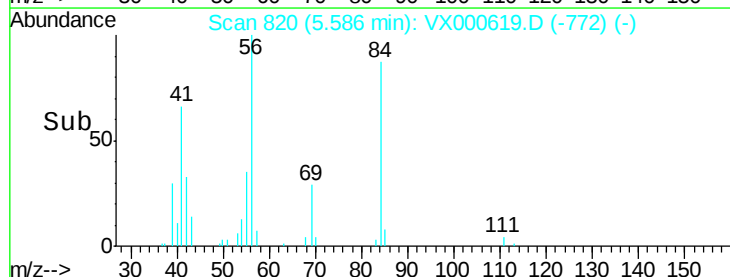
4000

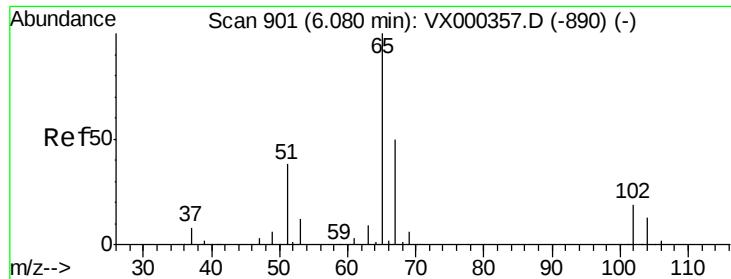
2000

0

Time-->

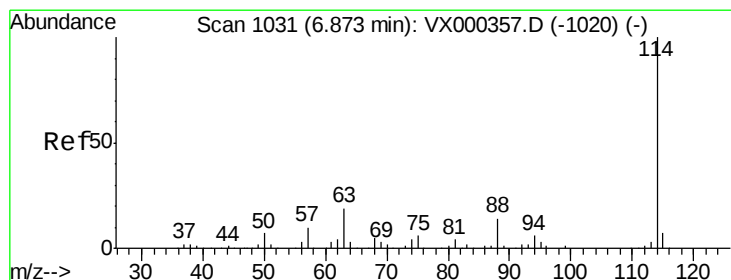
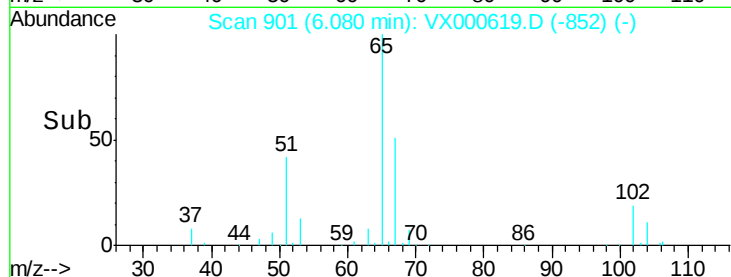
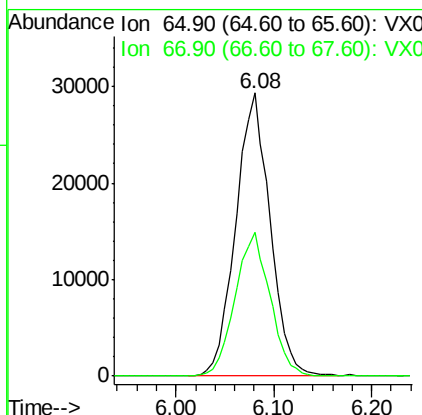
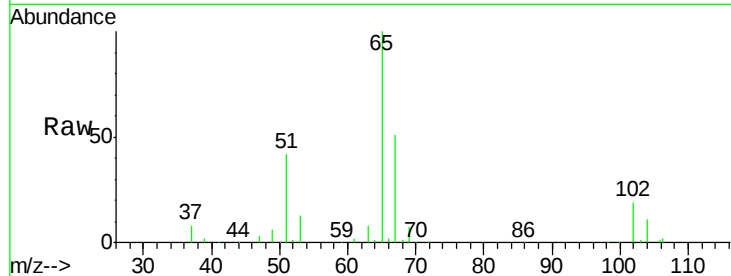
5.50 5.60 5.70





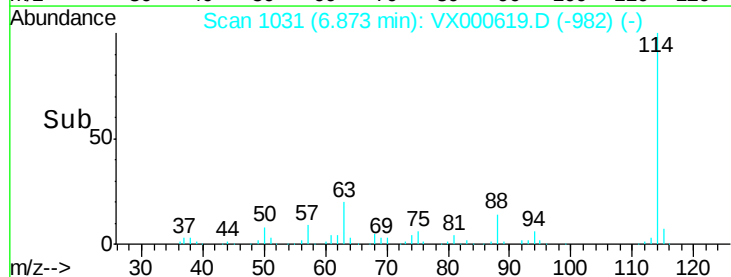
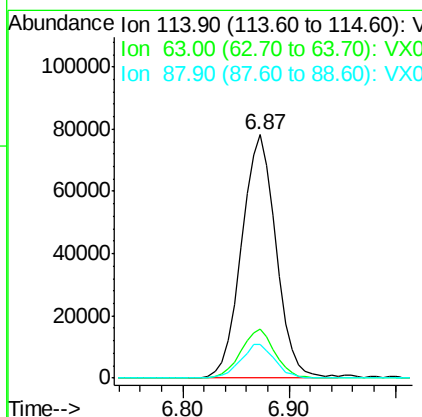
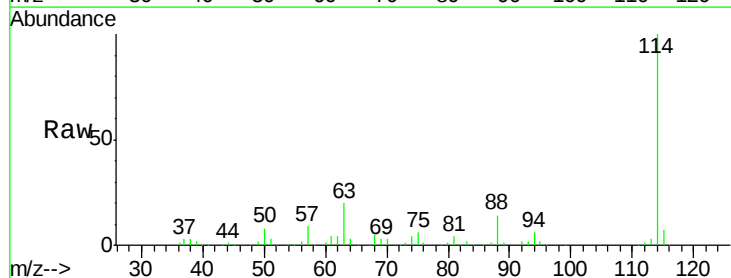
#33
 1,2-Dichloroethane-d4
 Concen: 50.33 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000619.D
 Acq: 01 Apr 2018 03:12

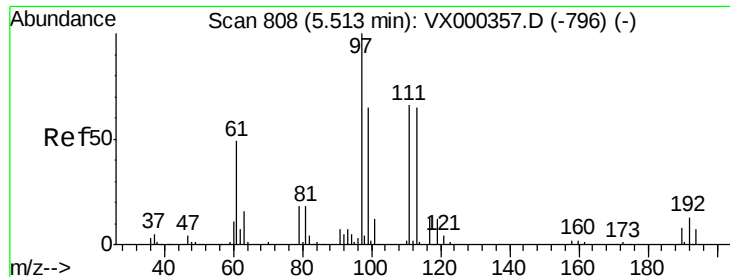
Tot Ion: 65 Resp: 71517
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000619.D
 Acq: 01 Apr 2018 03:12

Tgt Ion: 114 Resp: 177837
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.4
 88 14.0 0.0 27.0





#35

Dibromofluoromethane

Concen: 49.93 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000619.D

Acq: 01 Apr 2018 03:12

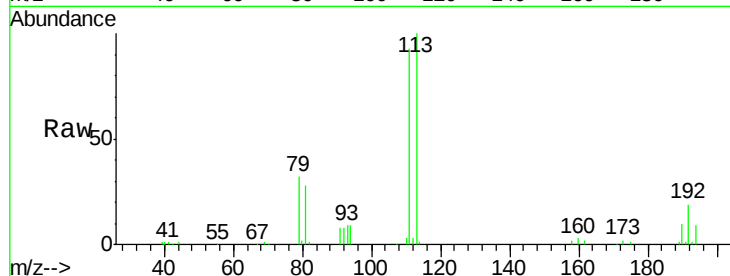
Tot Ion:113 Resp: 55944

Ion Ratio Lower Upper

113 100

111 100.1 82.4 123.6

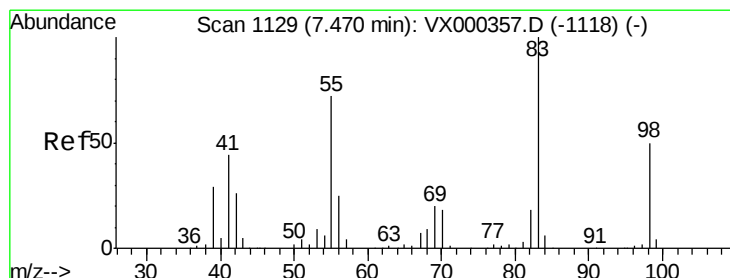
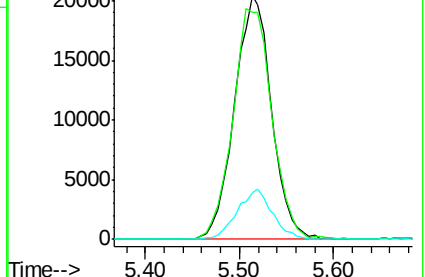
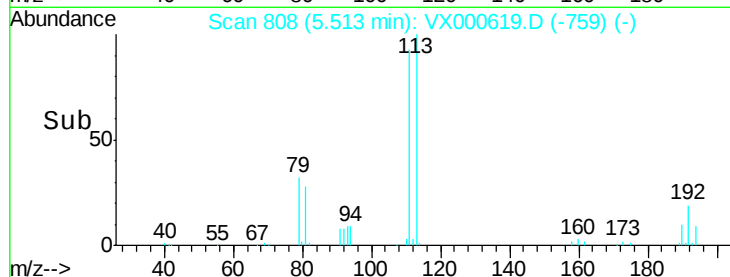
192 19.5 15.8 23.6



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: 4.58 ug/l

RT: 7.48 min Scan# 1130

Delta R.T. 0.01 min

Lab File: VX000619.D

Acq: 01 Apr 2018 03:12

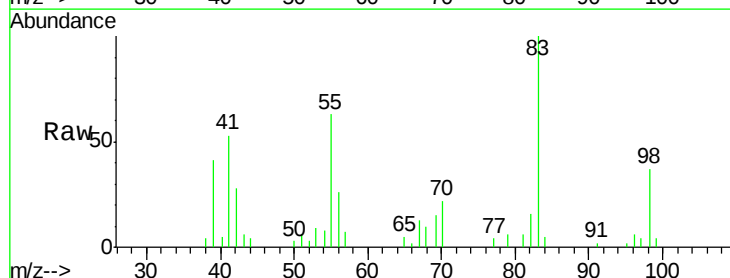
Tgt Ion: 83 Resp: 9282

Ion Ratio Lower Upper

83 100

55 63.4 55.5 83.3

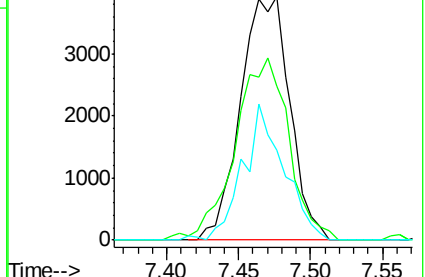
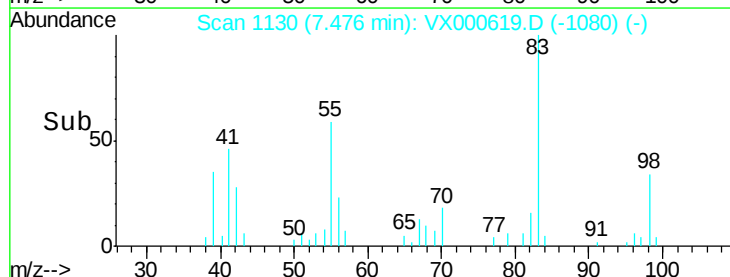
98 37.1 38.2 57.4#

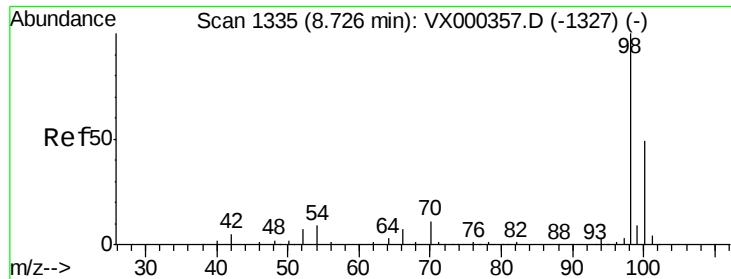


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 49.63 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000619.D

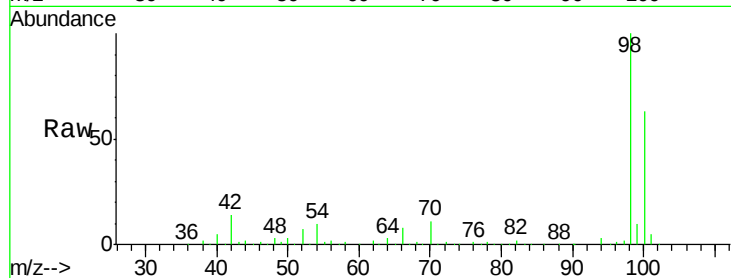
Acq: 01 Apr 2018 03:12

Tot Ion: 98 Resp: 230333

Ion Ratio Lower Upper

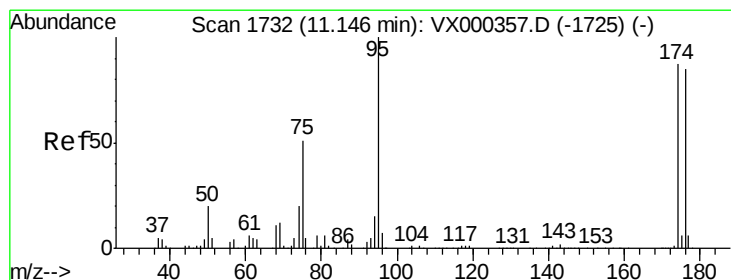
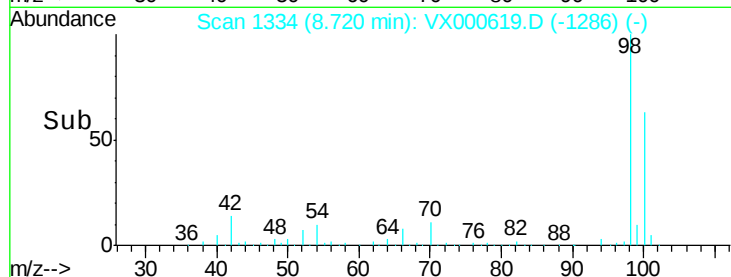
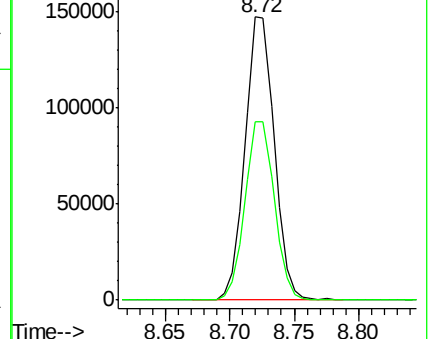
98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.35 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000619.D

Acq: 01 Apr 2018 03:12

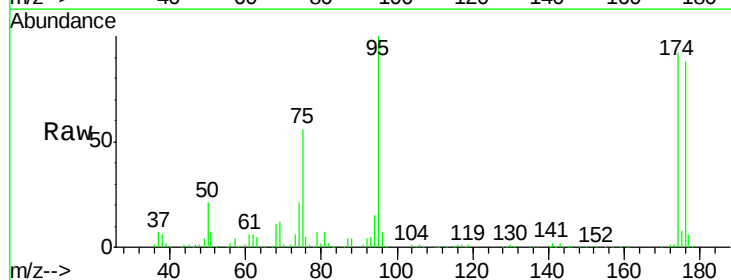
Tgt Ion: 95 Resp: 83176

Ion Ratio Lower Upper

95 100

174 89.9 0.0 173.6

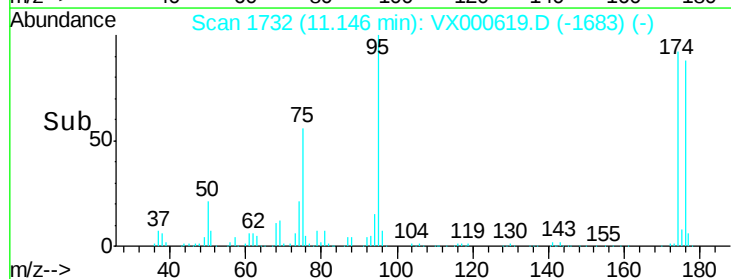
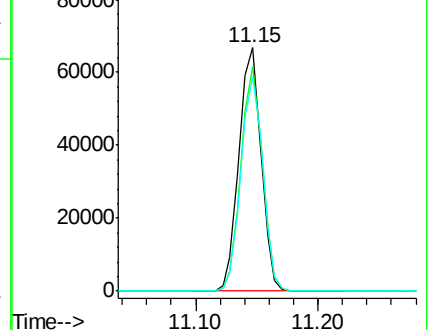
176 87.3 0.0 164.6

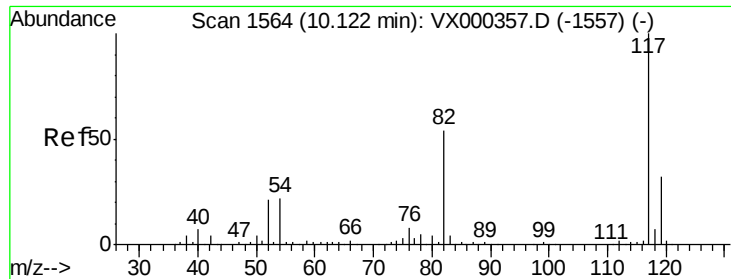


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

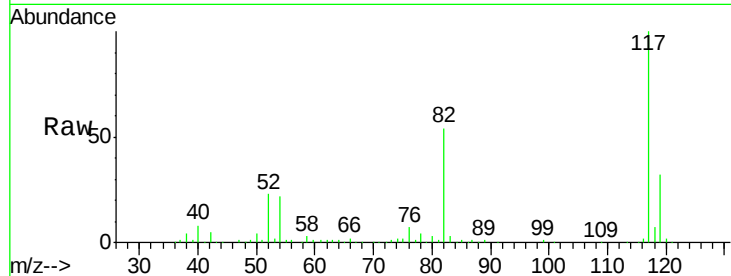
Ion 175.80 (175.50 to 176.50): V



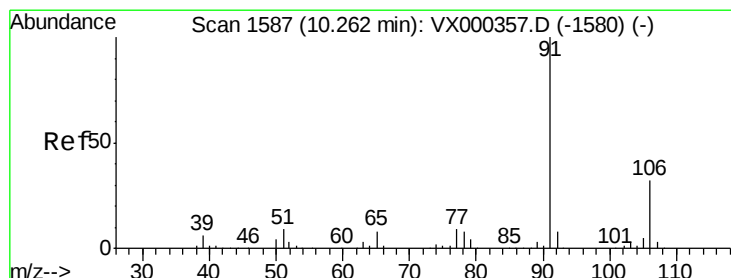
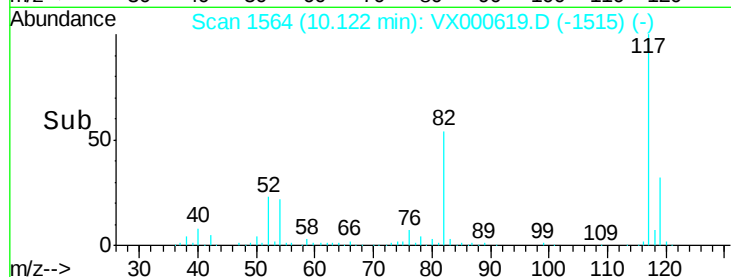
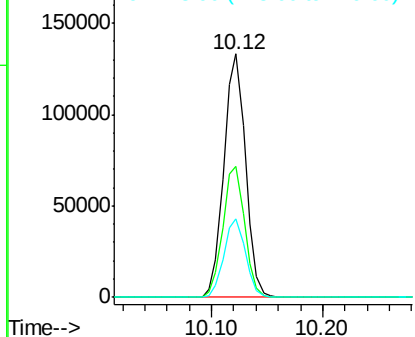


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000619.D
Acq: 01 Apr 2018 03:12

Tot Ion:117 Resp: 179232
Ion Ratio Lower Upper
117 100
82 53.7 43.8 65.8
119 32.2 24.9 37.3

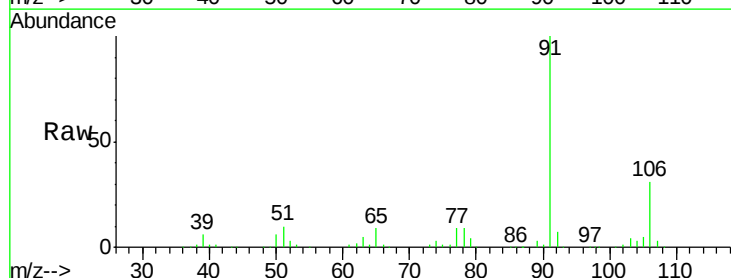


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

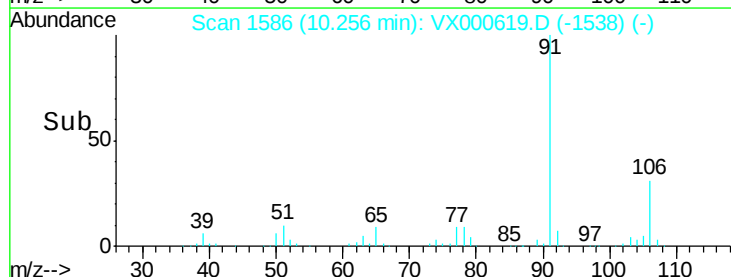
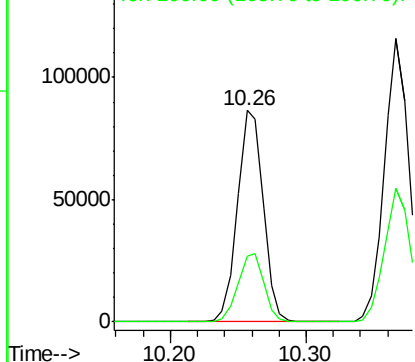


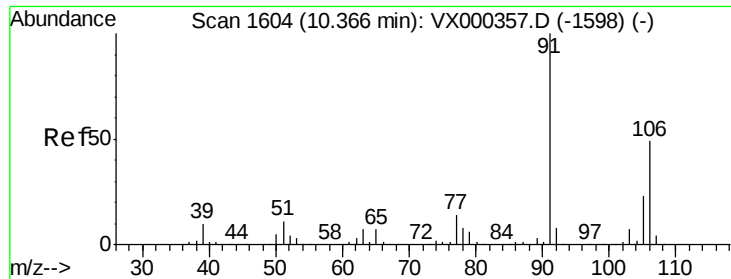
#67
Ethyl Benzene
Concen: 16.93 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000619.D
Acq: 01 Apr 2018 03:12

Tgt Ion: 91 Resp: 114489
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.6



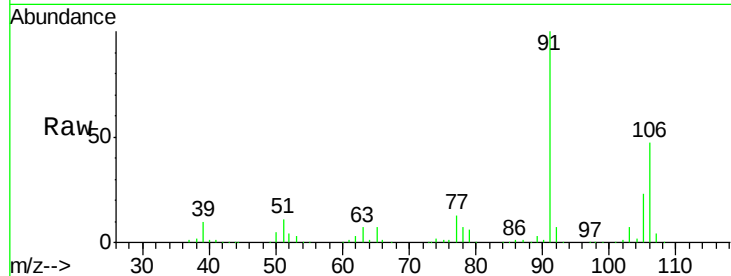
Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V



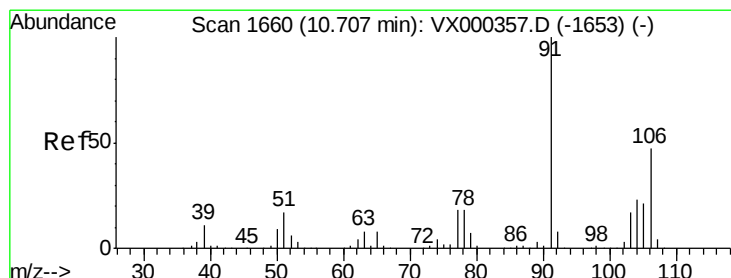
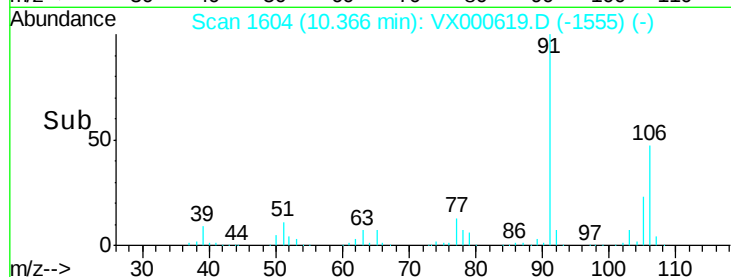
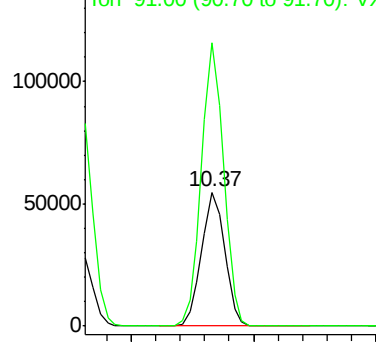


#68
m/p-Xvlenes
Concen: 27.12 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000619.D
Acq: 01 Apr 2018 03:12

Tot Ion:106 Resp: 72169
Ion Ratio Lower Upper
106 100
91 202.4 163.4 245.2

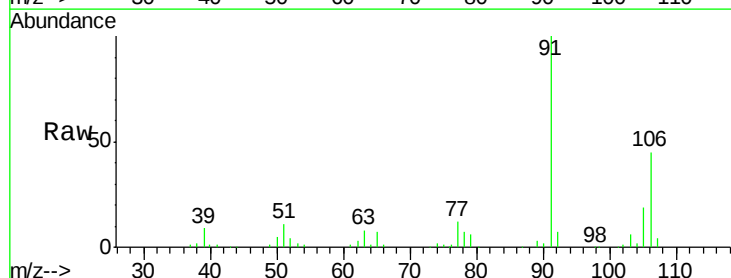


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

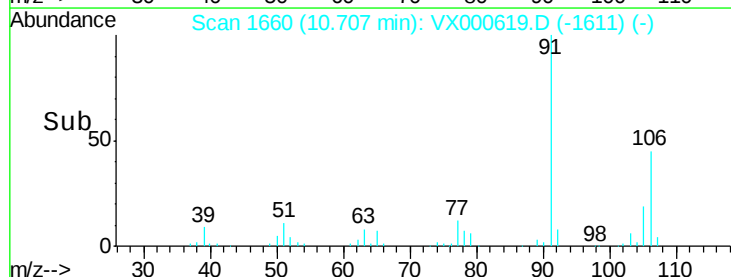
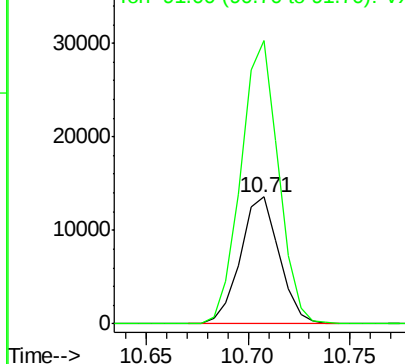


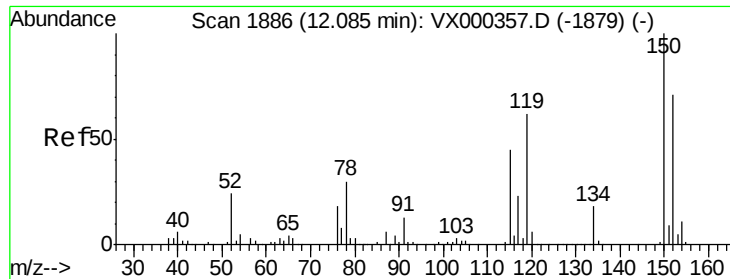
#69
o-Xylene
Concen: 6.99 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000619.D
Acq: 01 Apr 2018 03:12

Tgt Ion:106 Resp: 18009
Ion Ratio Lower Upper
106 100
91 216.0 106.5 319.6



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

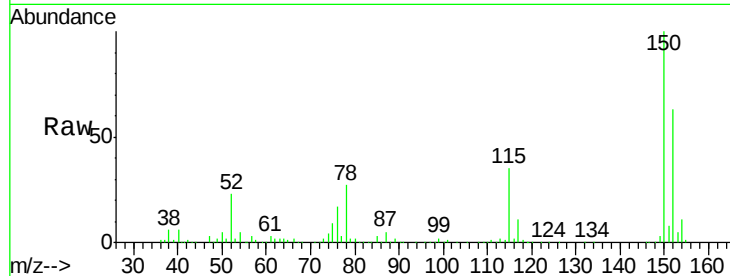




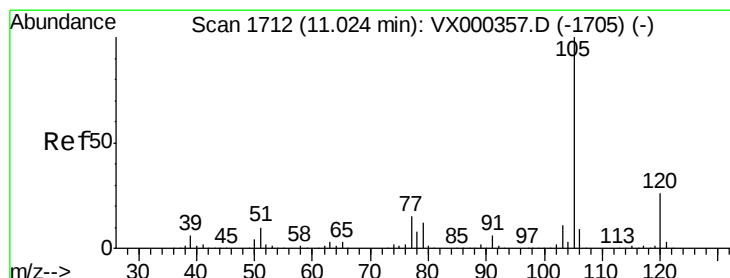
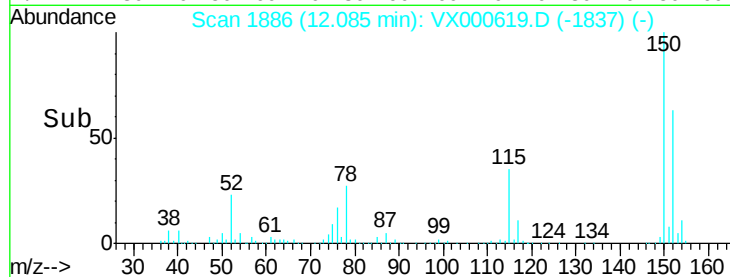
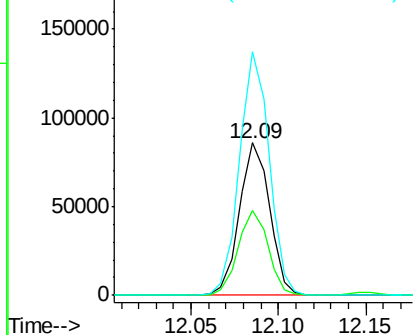
#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000619.D
Acq: 01 Apr 2018 03:12

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.8	119.3
150	157.3	0.0	344.4



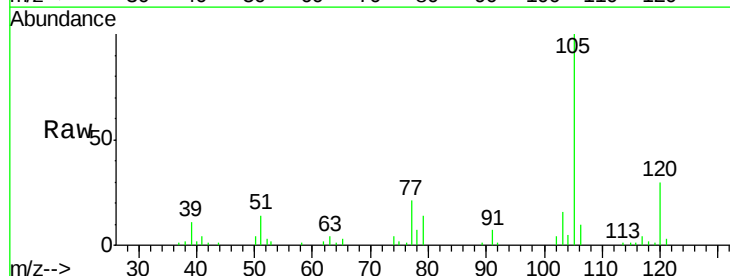
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



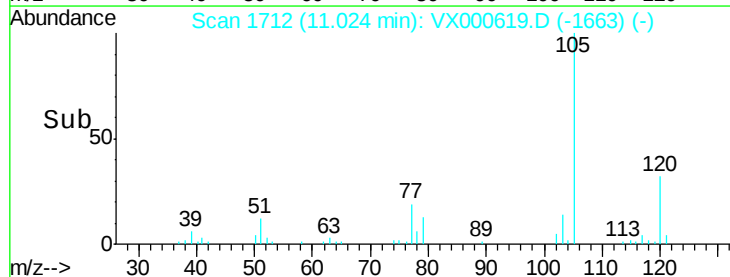
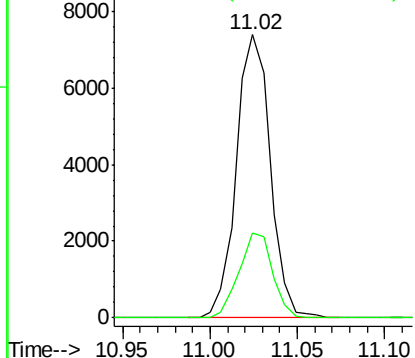
#73

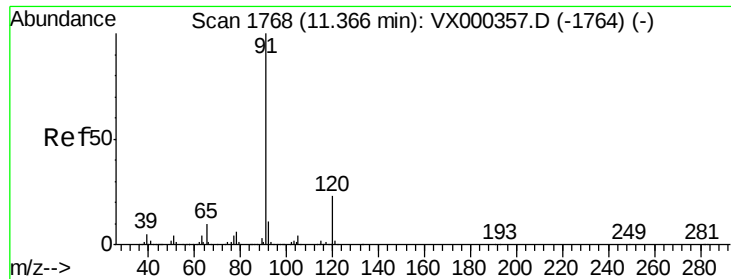
Isopropylbenzene
Concen: 1.45 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000619.D
Acq: 01 Apr 2018 03:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.7	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: 3.89 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000619.D

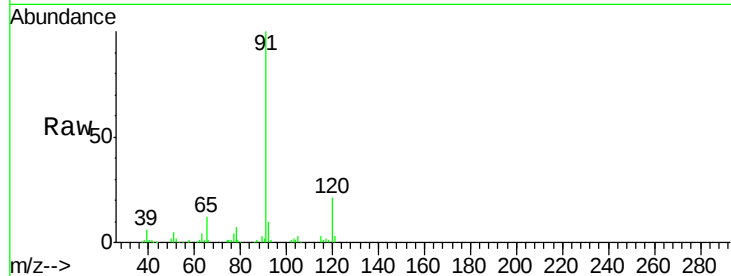
Acq: 01 Apr 2018 03:12

Tot Ion: 91 Resp: 31816

Ion Ratio Lower Upper

91 100

120 22.6 11.8 35.3

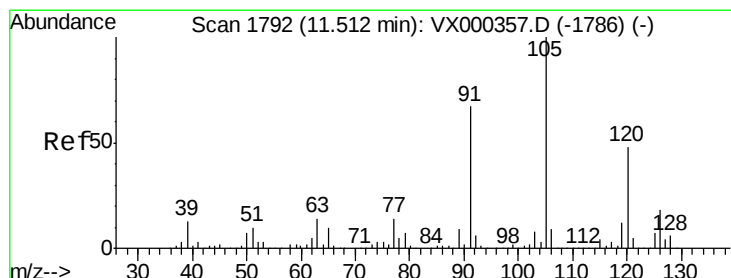
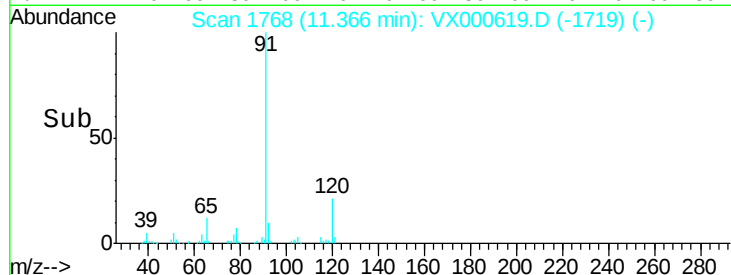


Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1764) (-)

Ion 120.00 (119.70 to 120.70): VX000357.D (-1764) (-)

Time-->

11.30 11.35 11.40



#80

1,3,5-Trimethylbenzene

Concen: 6.36 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000619.D

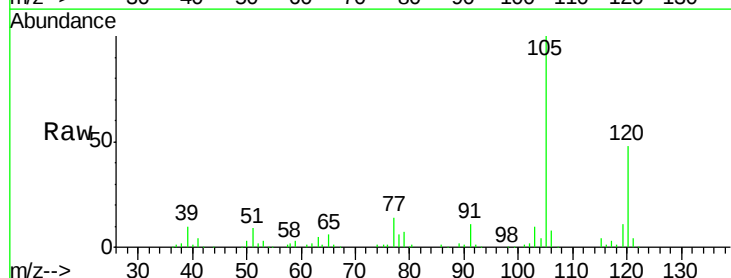
Acq: 01 Apr 2018 03:12

Tgt Ion: 105 Resp: 36720

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.4

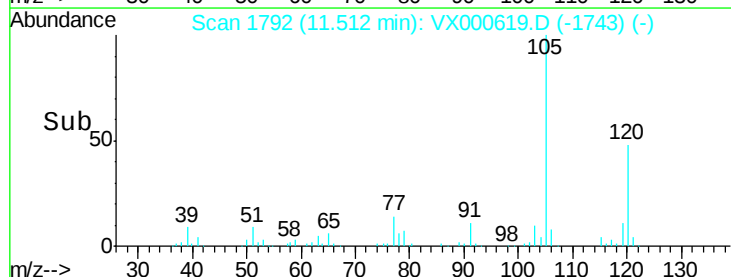


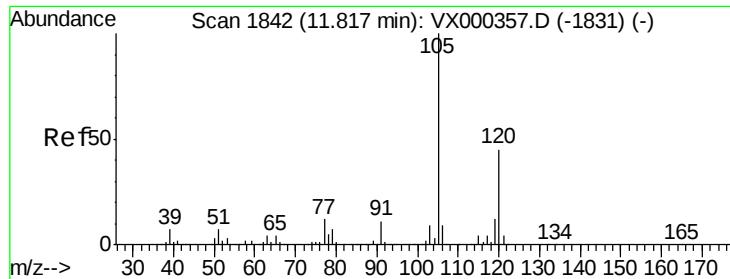
Abundance Ion 105.00 (104.70 to 105.70): VX000357.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000357.D (-1786) (-)

Time-->

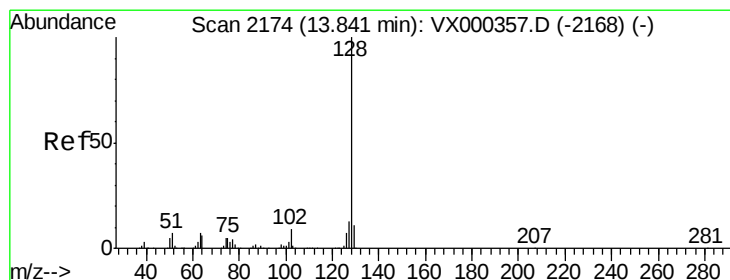
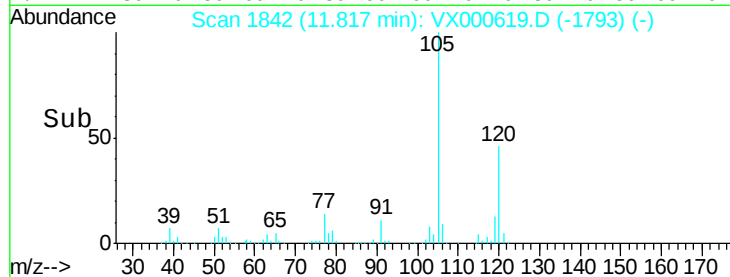
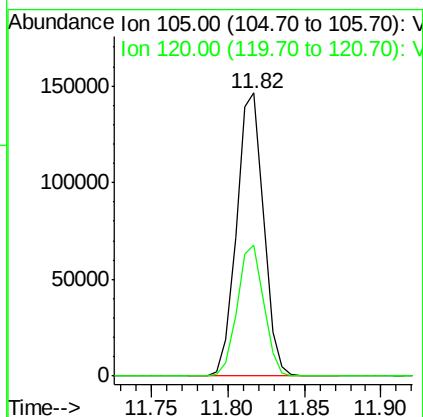
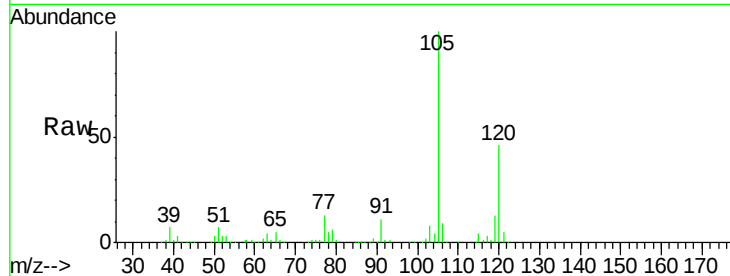
11.45 11.50 11.55





#84
 1,2,4-Trimethylbenzene
 Concen: 29.46 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000619.D
 Acq: 01 Apr 2018 03:12

Tot Ion:105 Resp: 178329
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.4 67.3



#95
 Naphthalene
 Concen: 7.01 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX000619.D
 Acq: 01 Apr 2018 03:12

Tgt Ion:128 Resp: 59357
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.6 15.8
 129 10.9 8.9 13.3

