

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000626.D
 Acq On : 01 Apr 2018 06:10
 Operator : JC/MD
 Sample : J2132-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Quant Time: Apr 04 07:19:38 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	121847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	201515	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	198942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	109947	50.00	ug/l	0.00

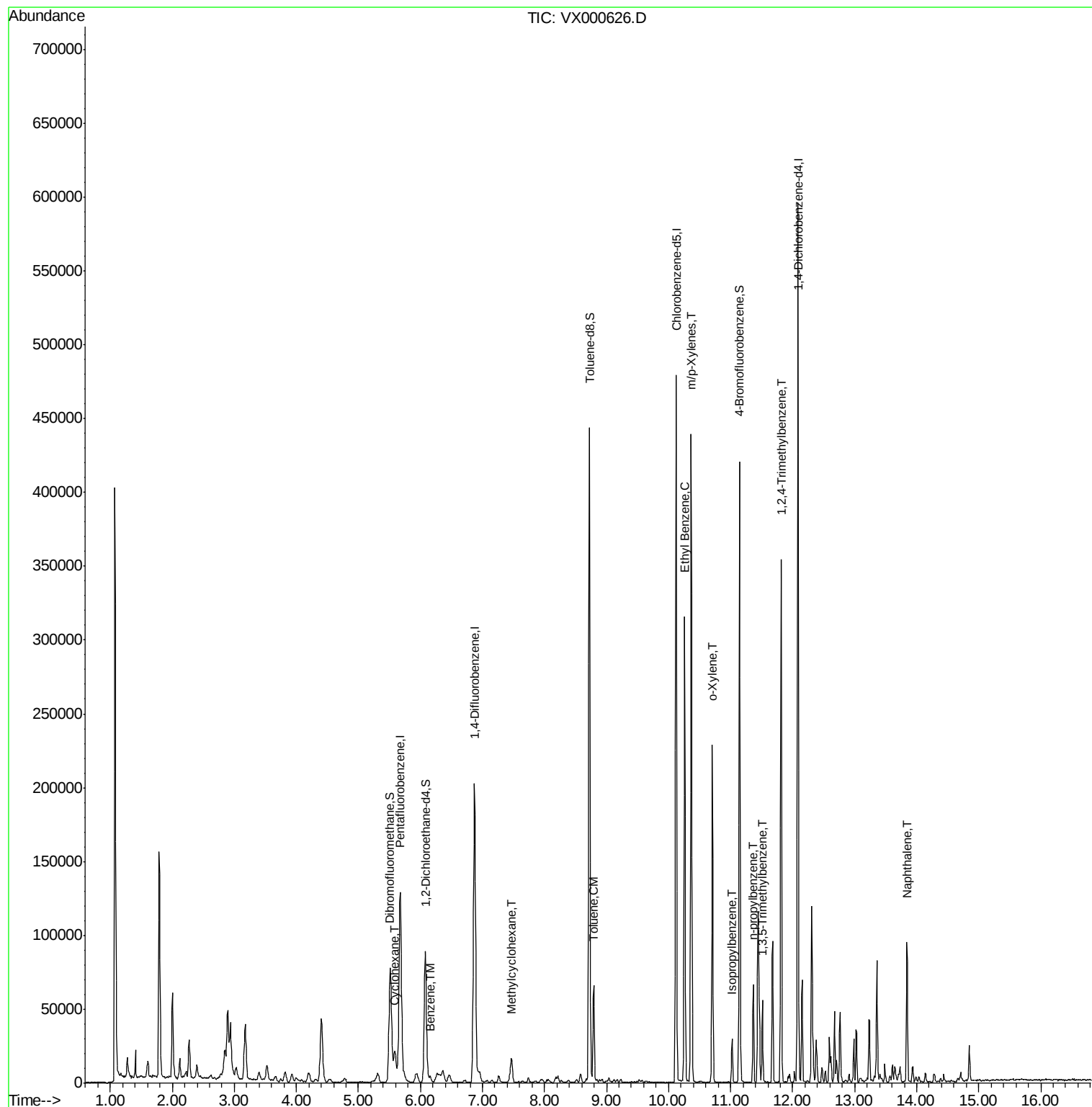
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	80525	50.63	ug/l	0.00
Spiked Amount			Recovery	=	101.26%	
35) Dibromofluoromethane	5.52	113	61159	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
50) Toluene-d8	8.73	98	252956	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	
62) 4-Bromofluorobenzene	11.15	95	93572	43.08	ug/l	0.00
Spiked Amount			Recovery	=	86.16%	

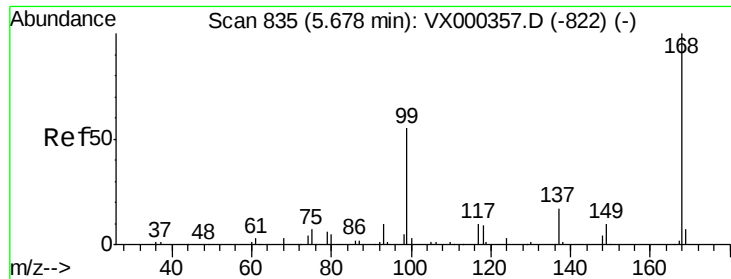
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.58	56	13826	6.89	ug/l	# 79
39) Methylcyclohexane	7.47	83	6341	2.76	ug/l	94
40) Benzene	6.15	78	4230	0.77	ug/l	# 90
52) Toluene	8.79	92	22139	5.78	ug/l	94
67) Ethyl Benzene	10.26	91	184515	24.59	ug/l	99
68) m/p-Xylenes	10.37	106	99091	33.55	ug/l	99
69) o-Xylene	10.71	106	48767	17.05	ug/l	97
73) Isopropylbenzene	11.02	105	14441	1.98	ug/l	98
78) n-propylbenzene	11.37	91	38100	4.39	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	22201	3.62	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	152293	23.71	ug/l	99
95) Naphthalene	13.84	128	56090	6.24	ug/l	99

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

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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: VX000626.D

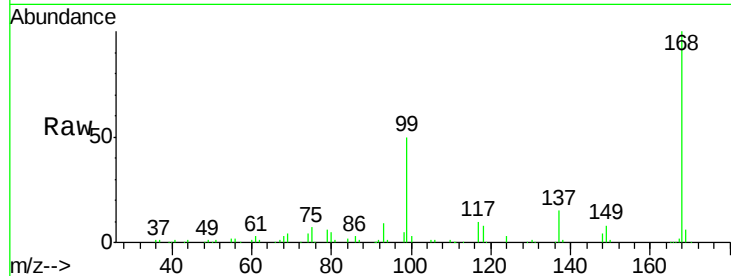
Acq: 01 Apr 2018 06:10

Tot Ion:168 Resp: 121847

Ion Ratio Lower Upper

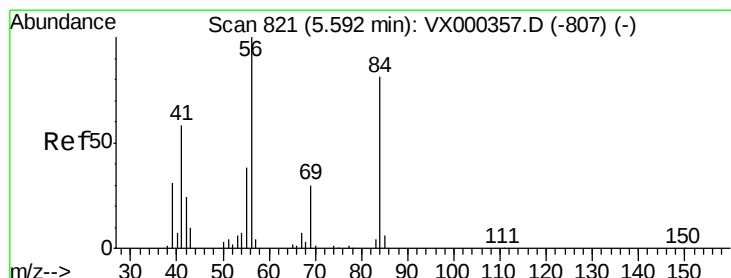
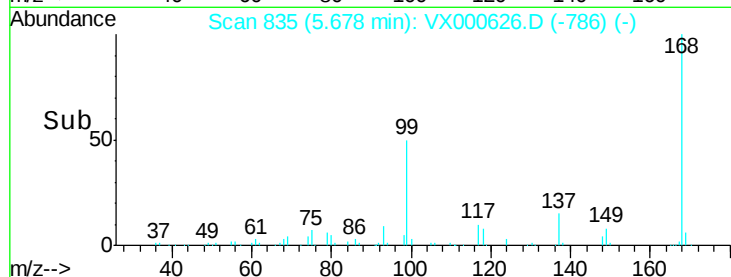
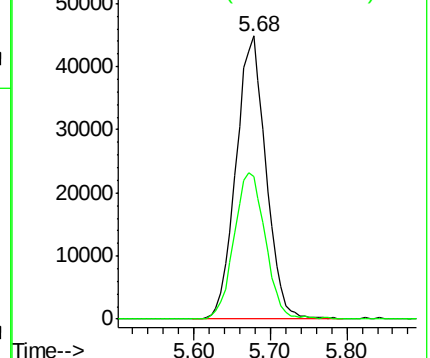
168 100

99 50.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 6.89 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000626.D

Acq: 01 Apr 2018 06:10

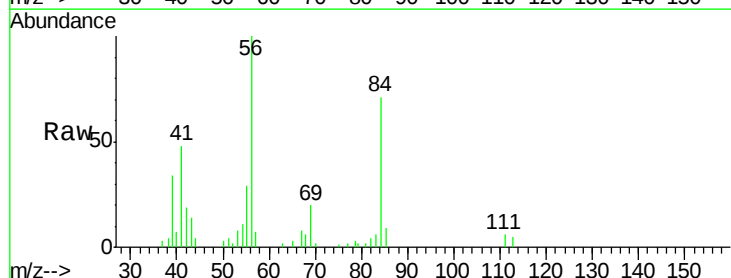
Tgt Ion: 56 Resp: 13826

Ion Ratio Lower Upper

56 100

69 16.3 23.4 35.0#

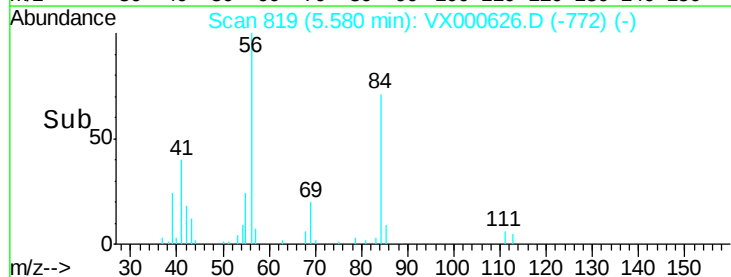
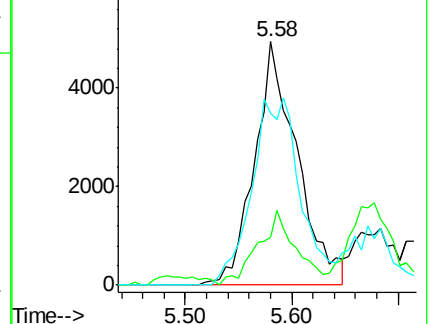
84 70.6 71.0 106.4#

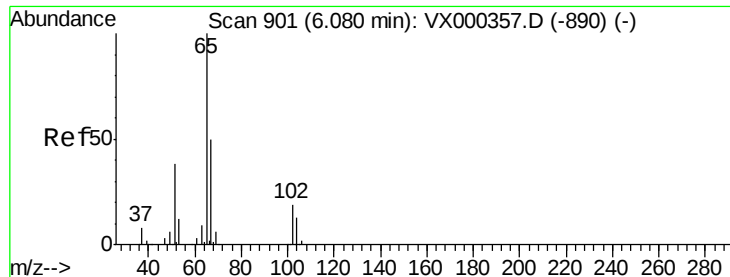


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.63 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000626.D

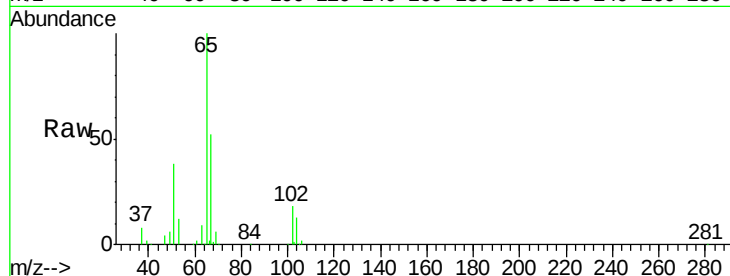
Acq: 01 Apr 2018 06:10

Tot Ion: 65 Resp: 80525

Ion Ratio Lower Upper

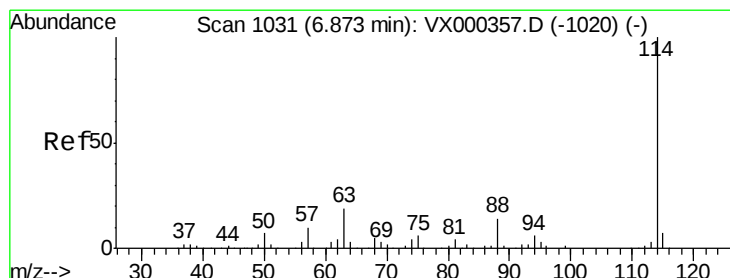
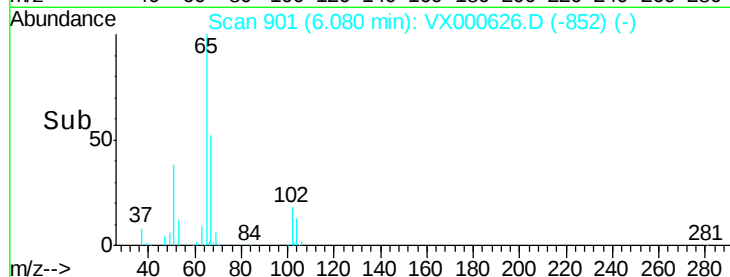
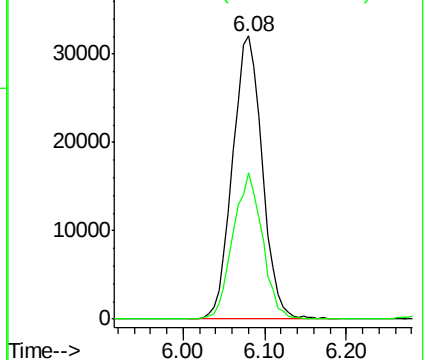
65 100

67 51.0 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: VX000626.D

Acq: 01 Apr 2018 06:10

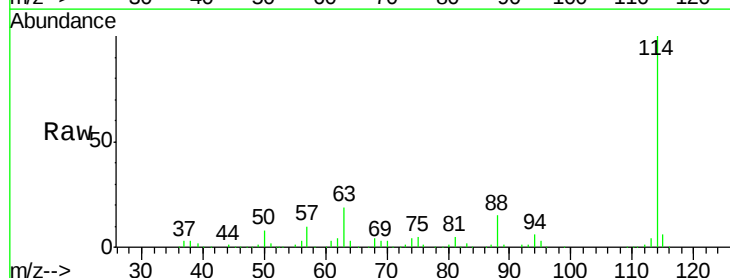
Tgt Ion: 114 Resp: 201515

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.4

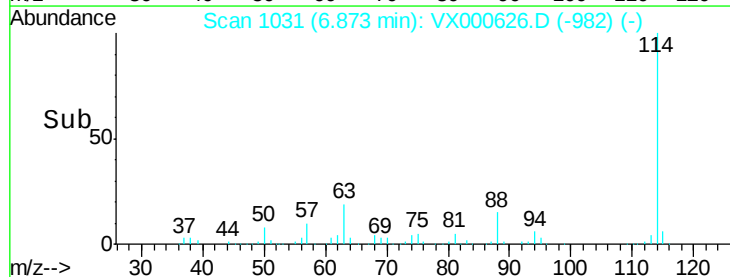
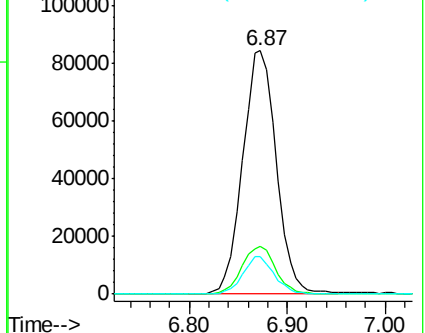
88 15.2 0.0 27.0

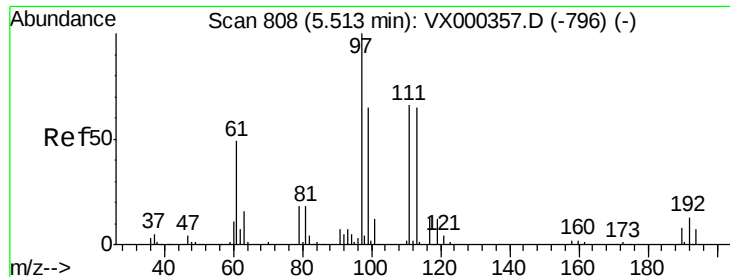


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.17 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000626.D

Acq: 01 Apr 2018 06:10

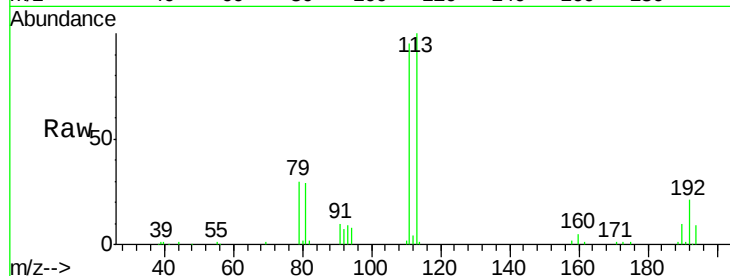
Tot Ion:113 Resp: 61159

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

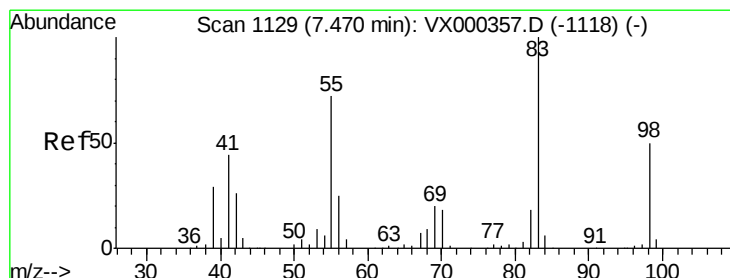
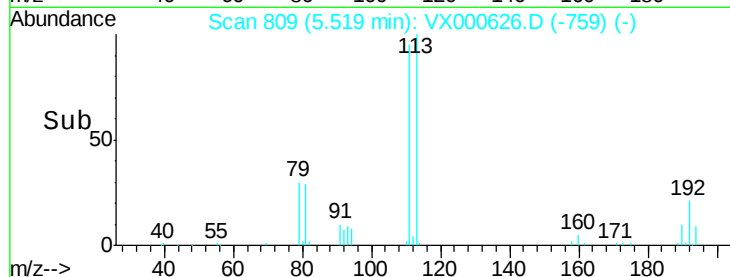
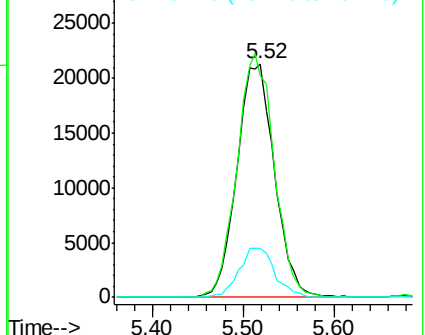
192 20.4 15.8 23.6



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: 2.76 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000626.D

Acq: 01 Apr 2018 06:10

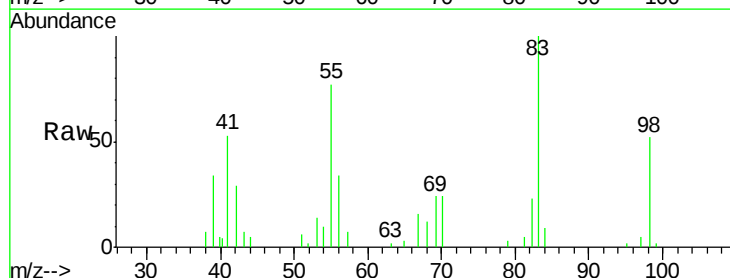
Tgt Ion: 83 Resp: 6341

Ion Ratio Lower Upper

83 100

55 74.8 55.5 83.3

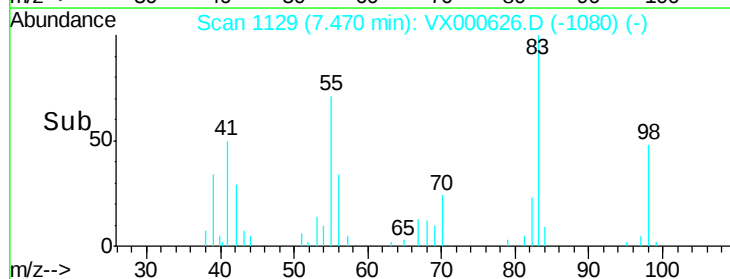
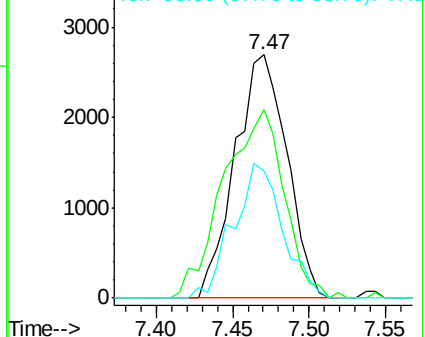
98 52.1 38.2 57.4

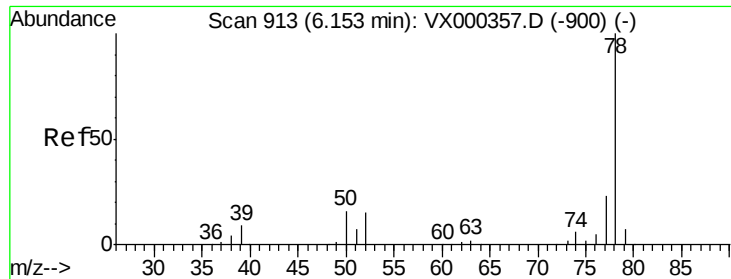


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.77 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000626.D

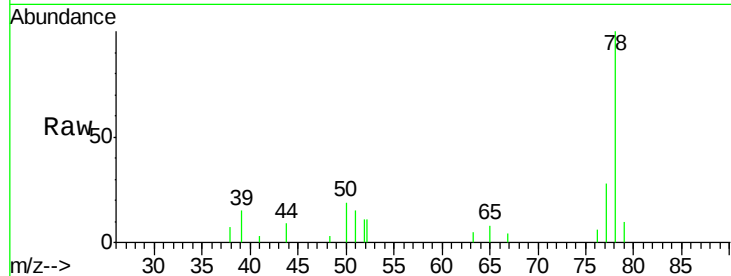
Acq: 01 Apr 2018 06:10

Tot Ion: 78 Resp: 4230

Ion Ratio Lower Upper

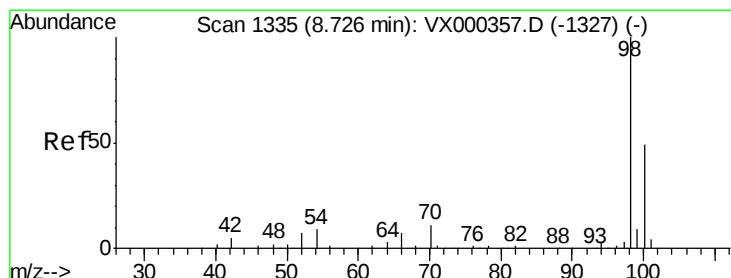
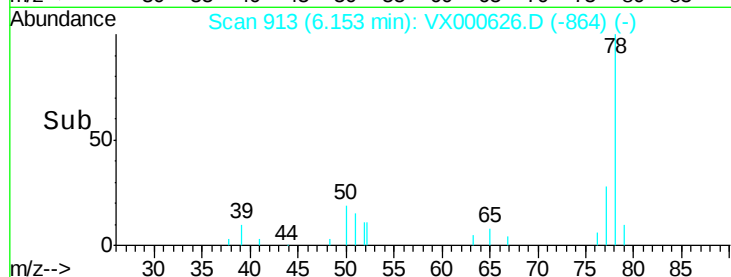
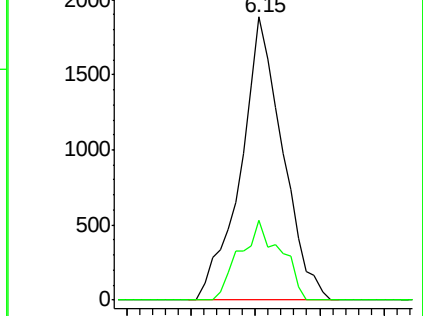
78 100

77 28.2 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: 48.10 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000626.D

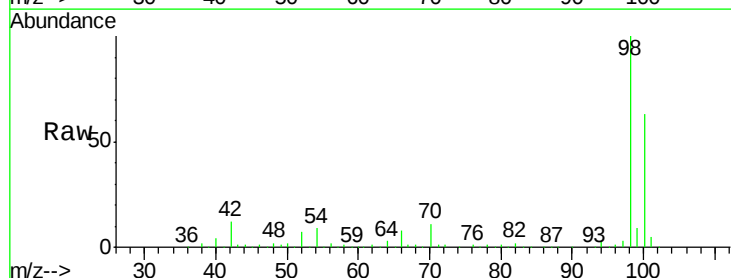
Acq: 01 Apr 2018 06:10

Tgt Ion: 98 Resp: 252956

Ion Ratio Lower Upper

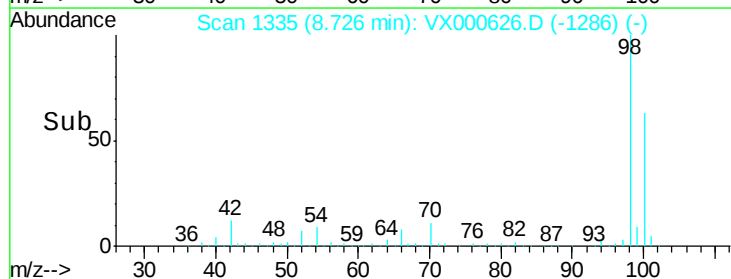
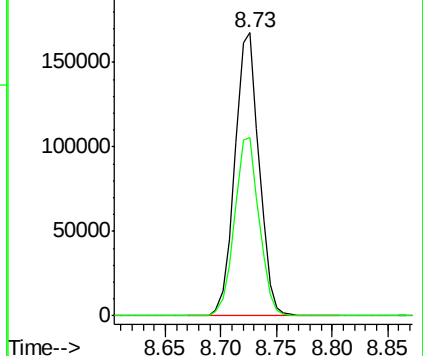
98 100

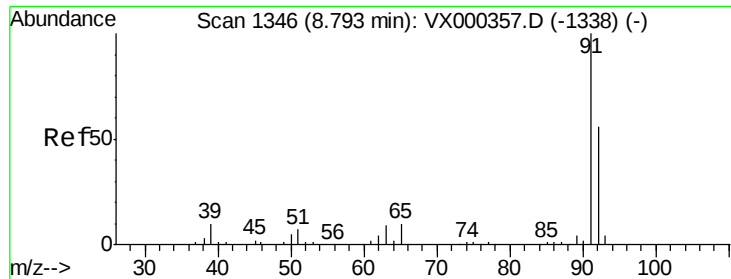
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 5.78 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000626.D

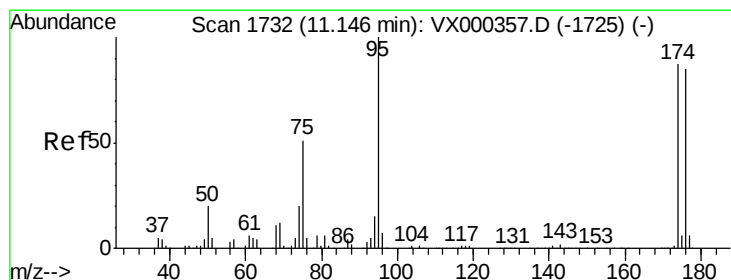
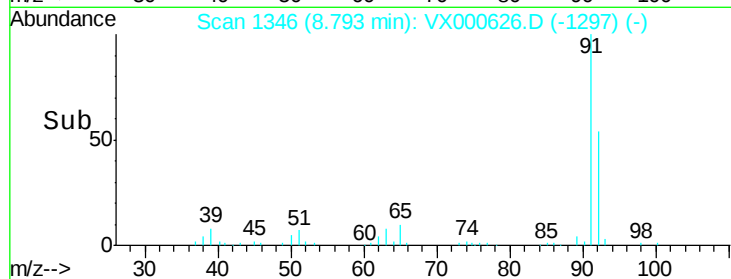
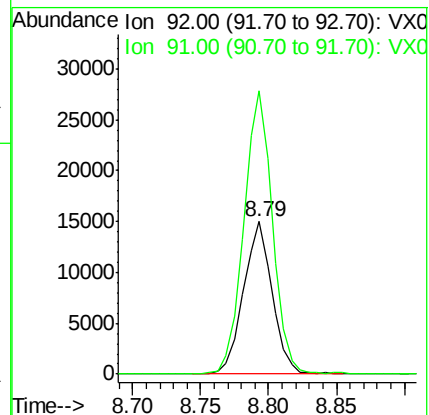
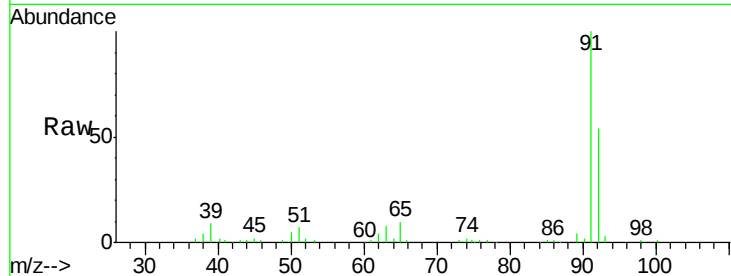
Acq: 01 Apr 2018 06:10

Tot Ion: 92 Resp: 22139

Ion Ratio Lower Upper

92 100

91 183.7 140.2 210.2



#62

4-Bromofluorobenzene

Concen: 43.08 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000626.D

Acq: 01 Apr 2018 06:10

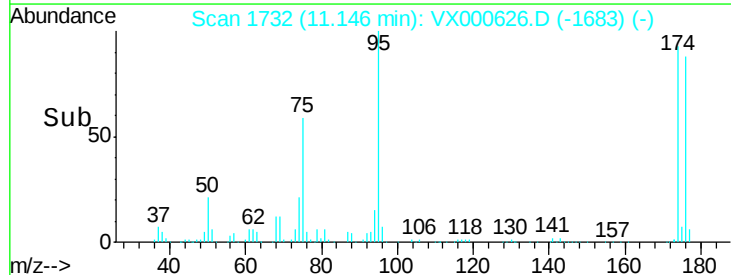
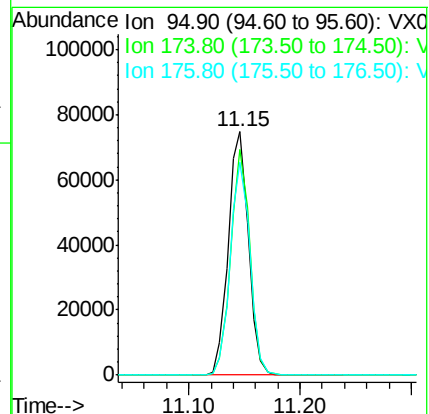
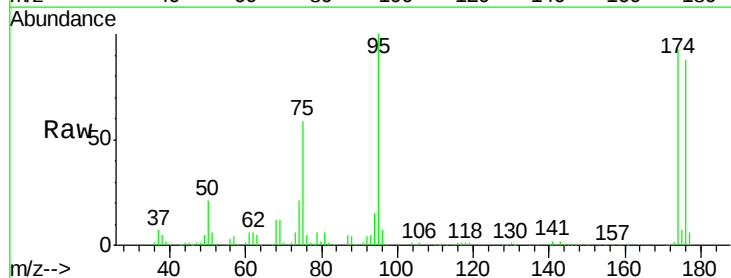
Tgt Ion: 95 Resp: 93572

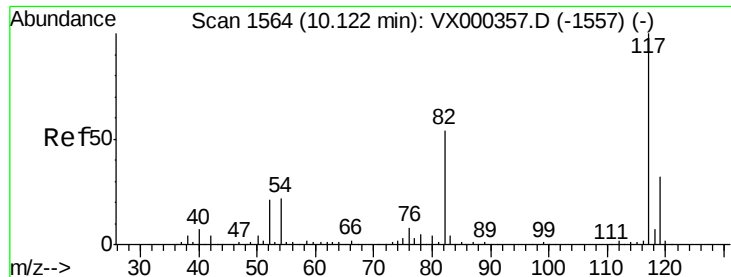
Ion Ratio Lower Upper

95 100

174 87.9 0.0 173.6

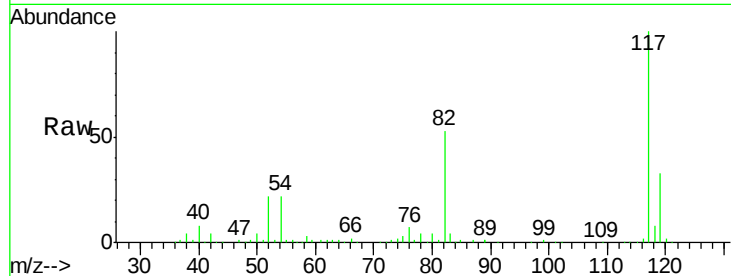
176 86.0 0.0 164.6



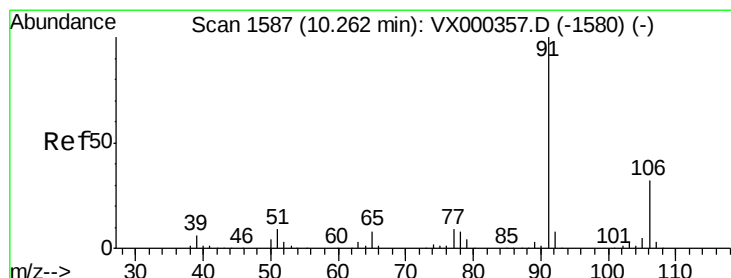
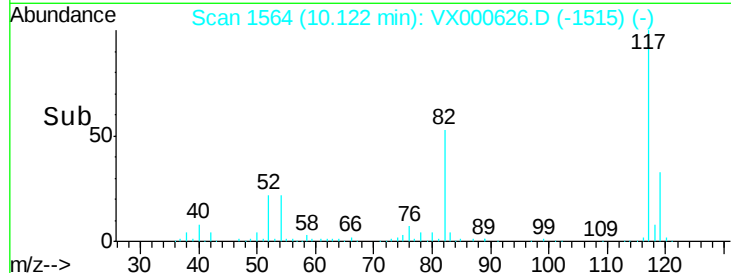
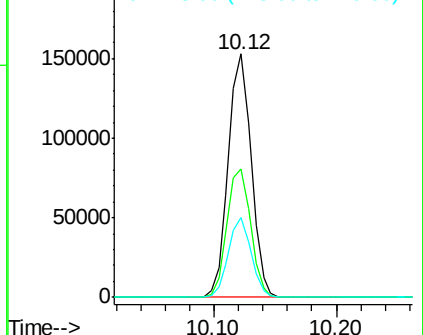


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000626.D
Acq: 01 Apr 2018 06:10

Tot Ion:117 Resp: 198942
Ion Ratio Lower Upper
117 100
82 52.9 43.8 65.8
119 32.7 24.9 37.3

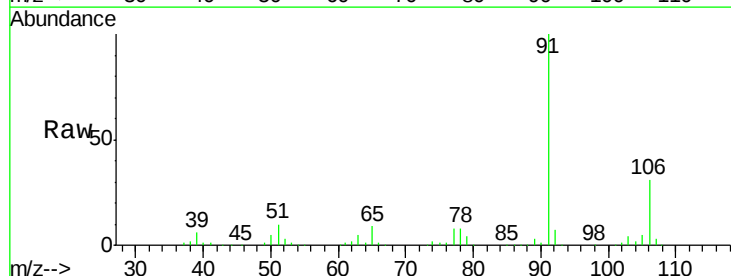


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

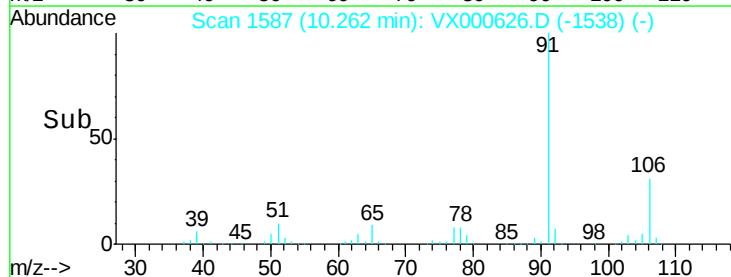
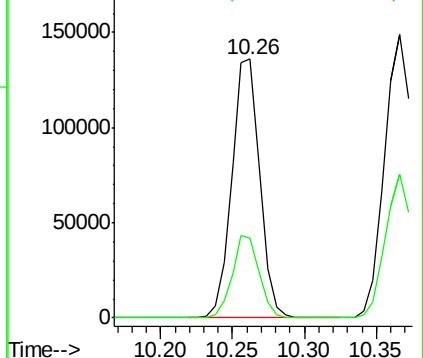


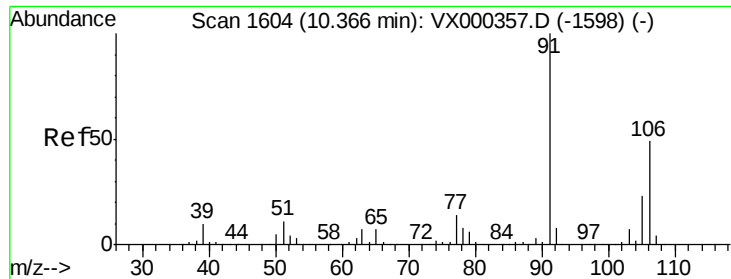
#67
Ethyl Benzene
Concen: 24.59 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000626.D
Acq: 01 Apr 2018 06:10

Tgt Ion: 91 Resp: 184515
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6



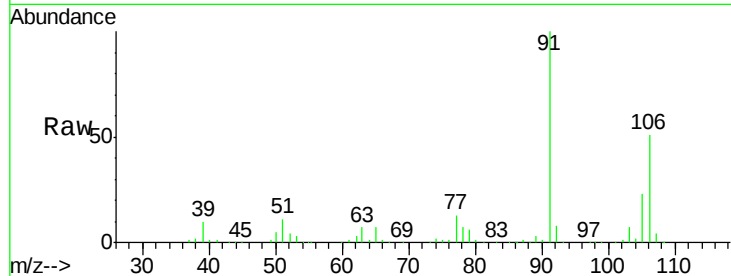
Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V



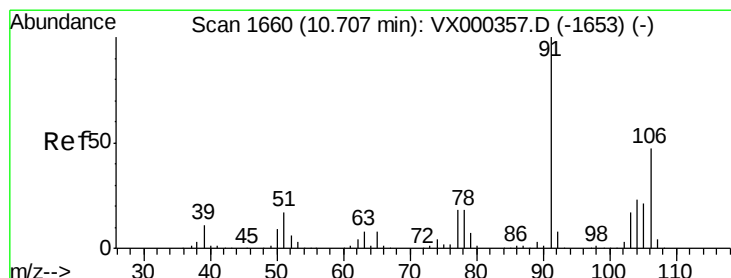
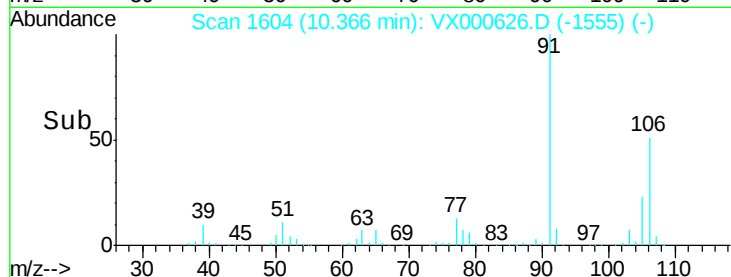
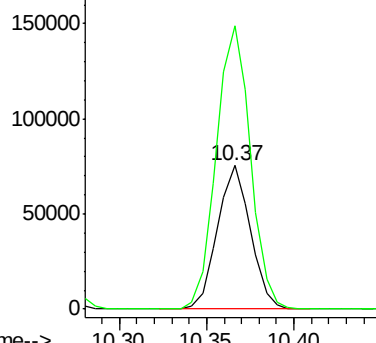


#68
m/p-Xylenes
Concen: 33.55 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000626.D
Acq: 01 Apr 2018 06:10

Tot Ion:106 Resp: 99091
Ion Ratio Lower Upper
106 100
91 203.3 163.4 245.2

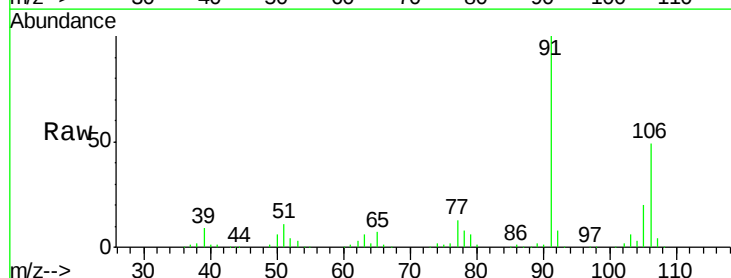


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

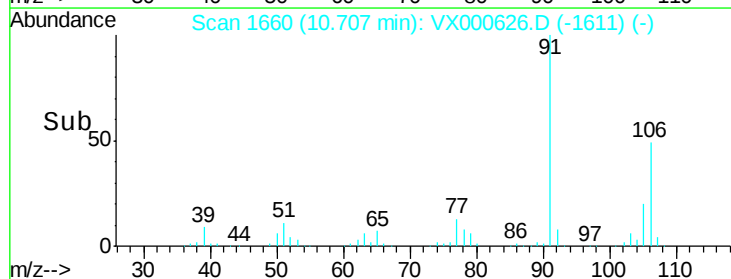
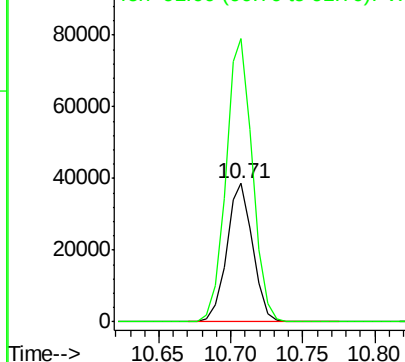


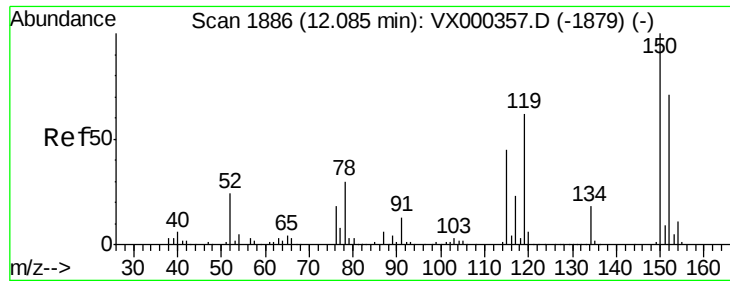
#69
o-Xylene
Concen: 17.05 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000626.D
Acq: 01 Apr 2018 06:10

Tgt Ion:106 Resp: 48767
Ion Ratio Lower Upper
106 100
91 208.6 106.5 319.6



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: VX000626.D

Acq: 01 Apr 2018 06:10

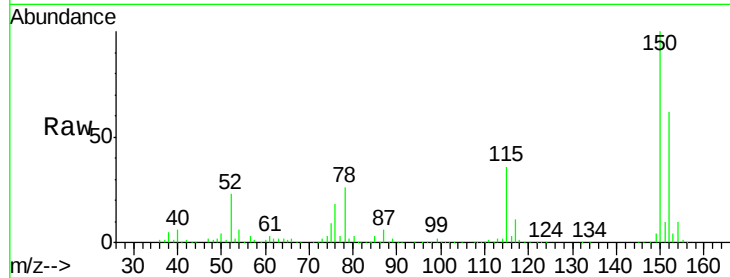
Tot Ion:152 Resp: 109947

Ion Ratio Lower Upper

152 100

115 58.5 39.8 119.3

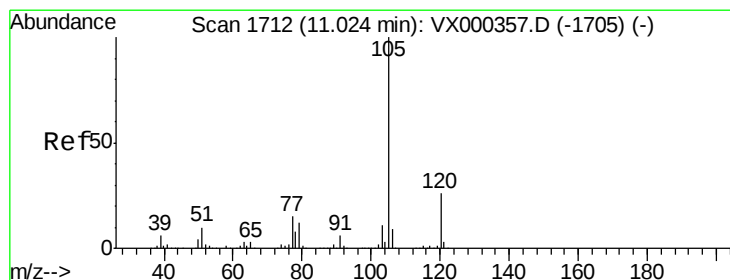
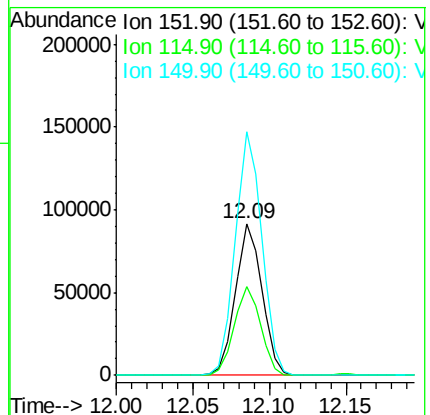
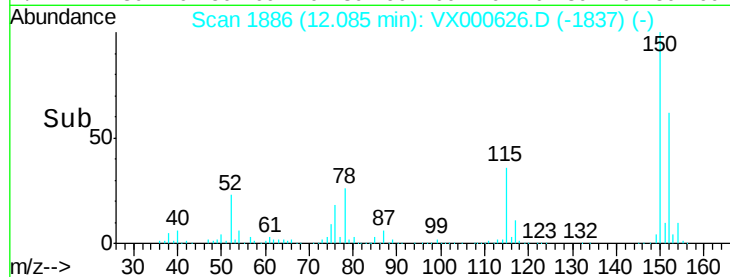
150 161.3 0.0 344.4



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: 1.98 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000626.D

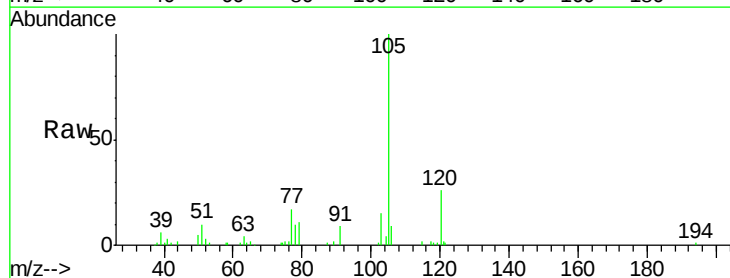
Acq: 01 Apr 2018 06:10

Tgt Ion:105 Resp: 14441

Ion Ratio Lower Upper

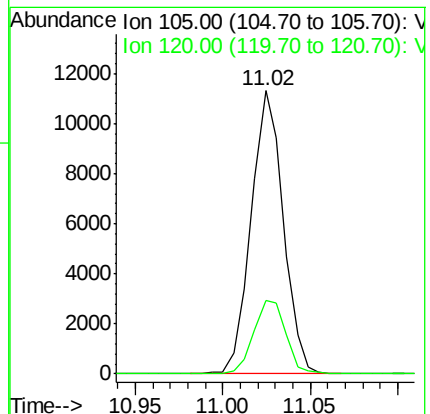
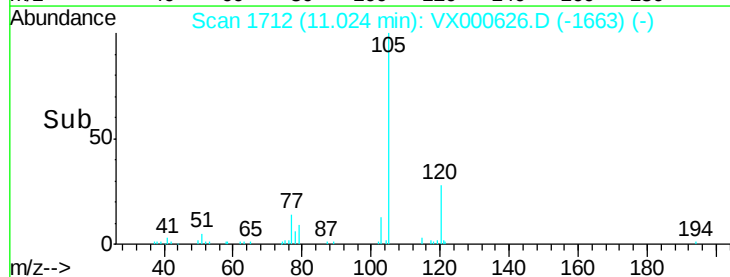
105 100

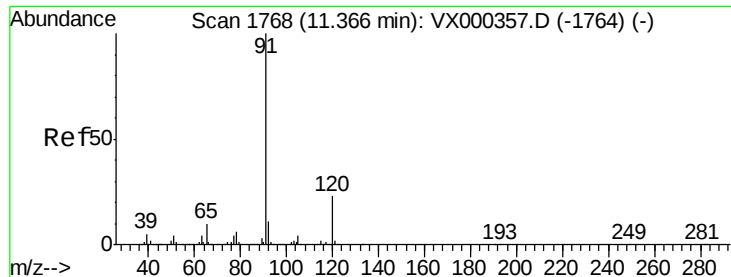
120 25.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 4.39 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000626.D

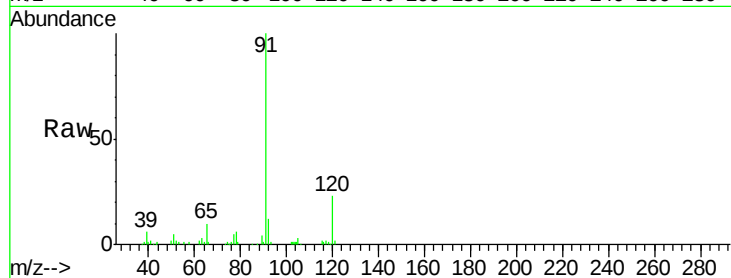
Acq: 01 Apr 2018 06:10

Tot Ion: 91 Resp: 38100

Ion Ratio Lower Upper

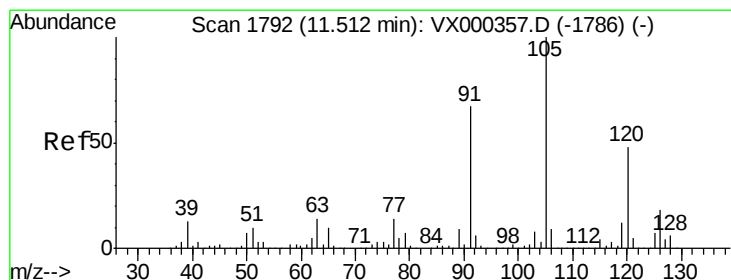
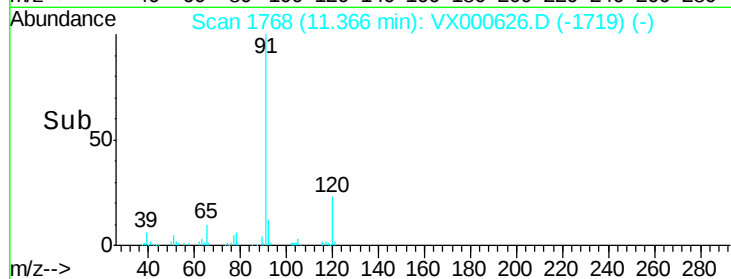
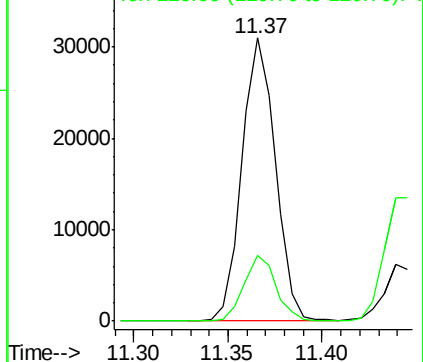
91 100

120 22.2 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: 3.62 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000626.D

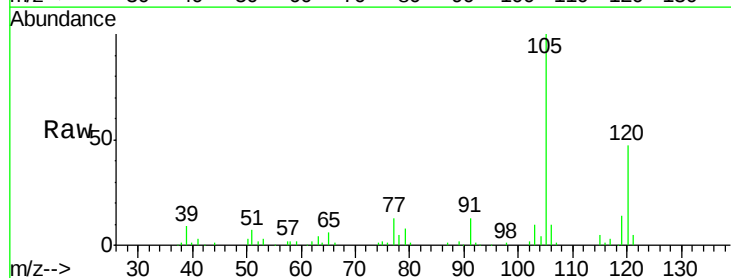
Acq: 01 Apr 2018 06:10

Tgt Ion: 105 Resp: 22201

Ion Ratio Lower Upper

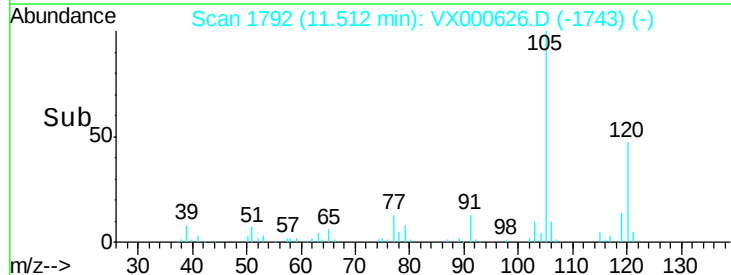
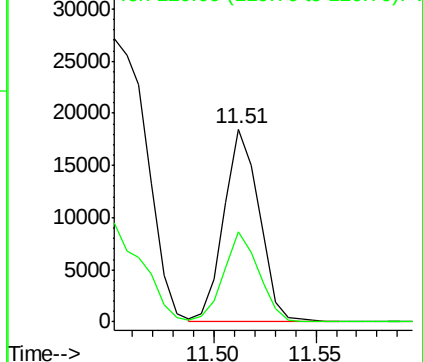
105 100

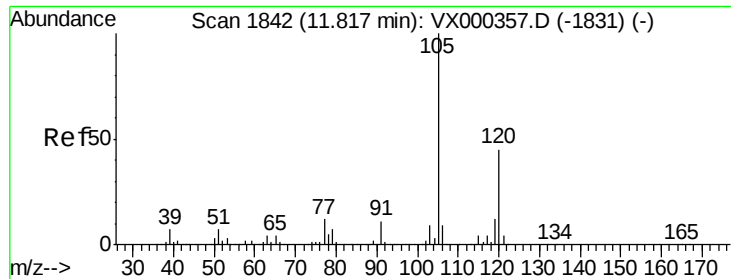
120 46.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

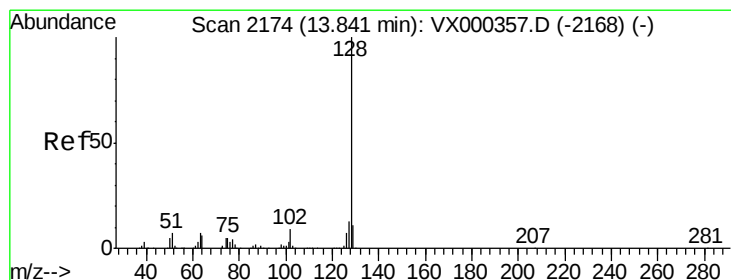
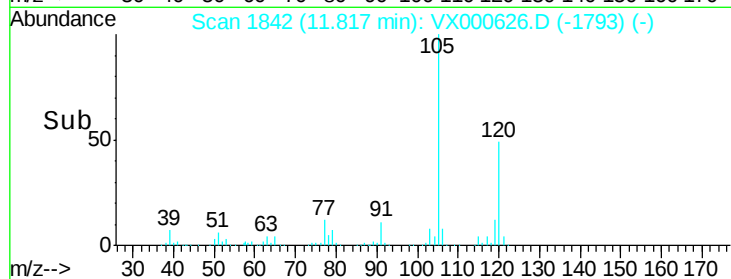
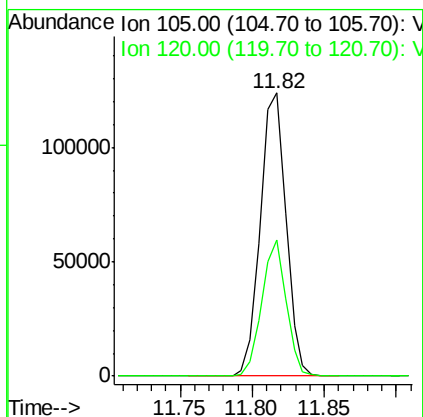
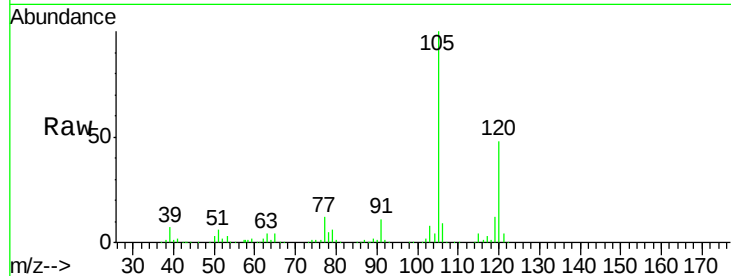
Ion 120.00 (119.70 to 120.70): V





#84
 1,2,4-Trimethylbenzene
 Concen: 23.71 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000626.D
 Acq: 01 Apr 2018 06:10

Tot Ion:105 Resp: 152293
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.4 67.3



#95
 Naphthalene
 Concen: 6.24 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX000626.D
 Acq: 01 Apr 2018 06:10

Tgt Ion:128 Resp: 56090
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.6 15.8
 129 10.2 8.9 13.3

