

Data File : H:\VOL1\GCMSDATA\L\120215\BL000563.D

Vial: 8

Acq On : 15 Feb 2012 14:34

Operator: HLM

Sample : CWA-ICV

Inst : BNA L

Misc : BNA L HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Feb 16 14:14 2012

Quant Results File: BL021512.RES

Quant Method : H:\VOL1\GCMSDATA\L\METHODS\BL021512.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Thu Feb 16 14:03:33 2012

Response via : Initial Calibration

DataAcq Meth : CWAL

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	1377617	2.00	ug/mL	0.01
6) Naphthalene-d8	7.08	136	4561962	2.00	ug/mL	0.01

System Monitoring Compounds

10) Tripropylphosphate	0.00	99	0d	0.01	ug/mL	
Spiked Amount 500.000	Range	70 - 130	Recovery	=	0.00%#	
12) 2-Bromothioanisole	0.00	204	0	0.00	ug/mL	
Spiked Amount 5000.000	Range	70 - 130	Recovery	=	0.00%#	

Target Compounds

						Ovalue
2) Dimethyl Disulfide	3.88	94	959132	1.20	ug/mL	96
3) DMMP	4.63	79	232711	0.49	ug/mL	91
4) DIMP	5.96	97	515471	0.52	ug/mL	75
5) 1,4-Oxathiane	4.82	46	938482	1.27	ug/mL#	64
7) 1,4-Dithiane	6.24	46	556424	1.29	ug/mL#	25
8) Thiodiglycol	6.91	61	2748755m	9.35	ug/mL	
9) Benzothiazole	7.36	135	2983495	3.28	ug/mL#	71
11) p-Chlorophenylmethyldisulfid	7.61	158	2017683	2.90	ug/mL	86
13) p-Chlorophenylmethyldisulfox	9.09	159	600824	2.00	ug/mL	97
14) p-Chlorophenylmethyldisulfon	9.29	111	1126621	2.58	ug/mL	96

(#) = qualifier out of range (m) = manual integration

BL000563.D BL021512.M

Fri Feb 17 10:48:38 2012

A

Page 1

Data File : H:\VOL1\GCMSDATA\L\120215\BL000563.D

Vial: 8

Acq On : 15 Feb 2012 14:34

Operator: HLM

Sample : CWA-ICV

Inst : BNA L

Misc : BNA L HLM

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Feb 16 14:14 2012

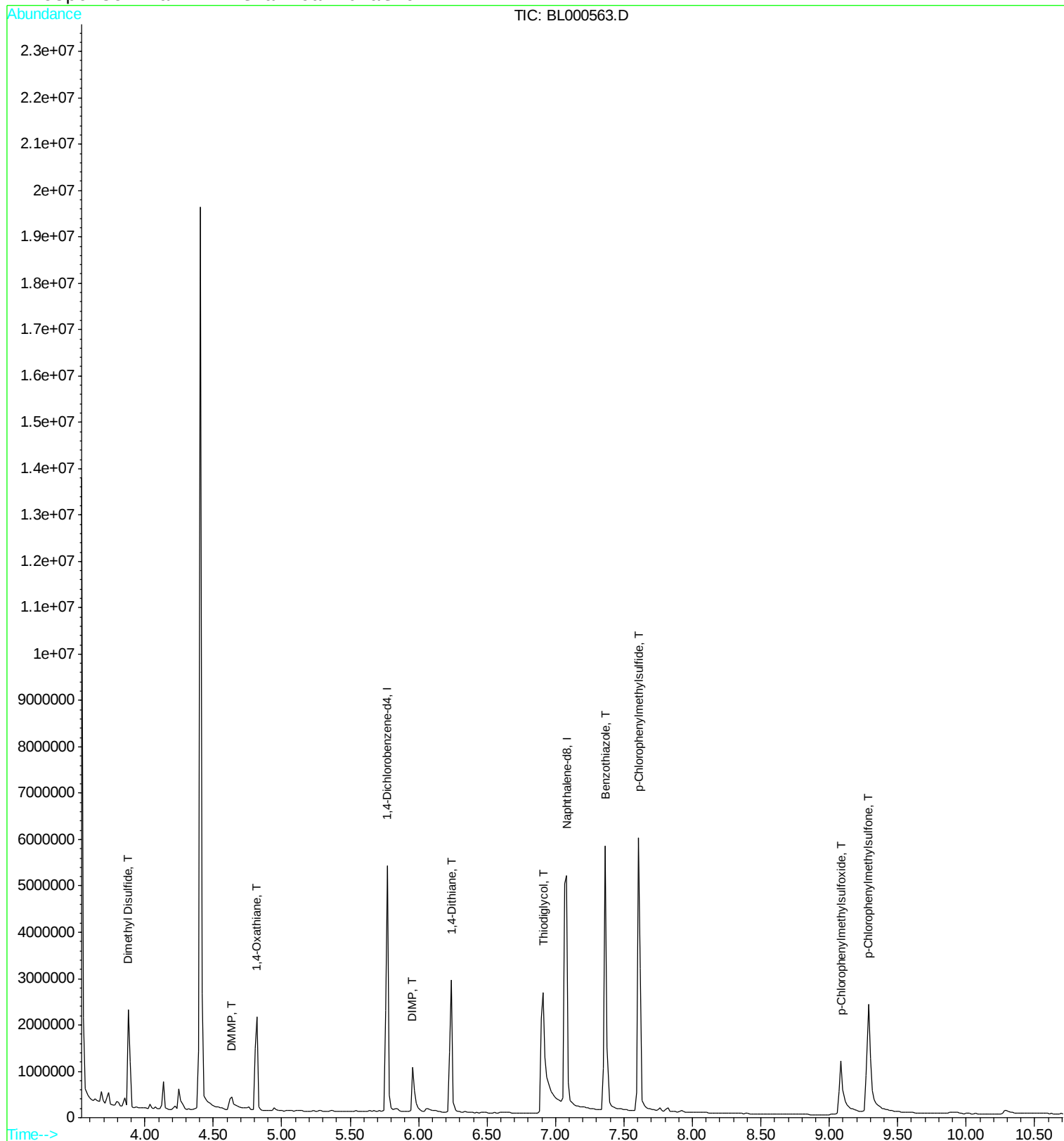
Quant Results File: BL021512.RES

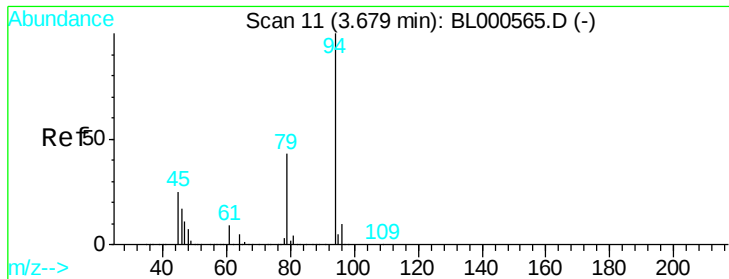
Method : H:\VOL1\GCMSDATA\L\METHODS\BL021512.M (RTE Integrator)

Title : CWA degradation products by GCMS

Last Update : Fri Feb 17 10:16:01 2012

Response via : Initial Calibration





#2

Dimethyl Disulfide

Concen: 1.20 ug/mL

RT: 3.88 min Scan# 25

Delta R.T. 0.13 min

Lab File: BL000563.D

Acq: 15 Feb 2012 14:34

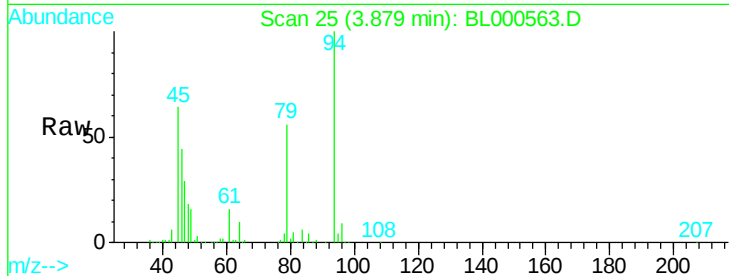
Tgt Ion: 94 Resp: 959132

Ion Ratio Lower Upper

94 100

45 64.0 37.9 77.9

79 56.5 36.3 76.3

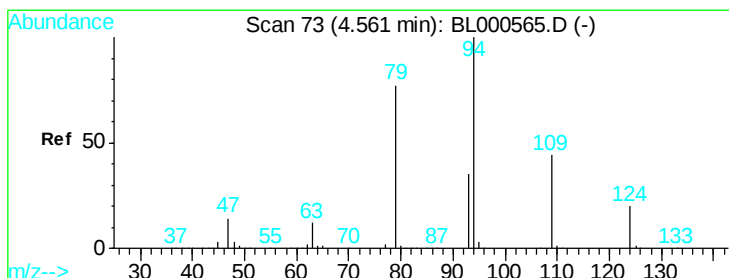
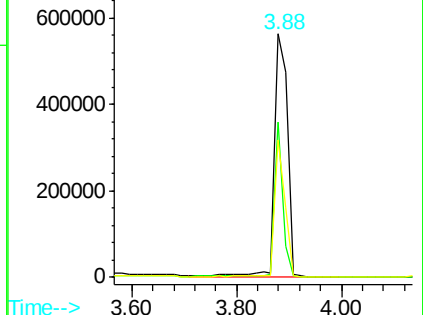
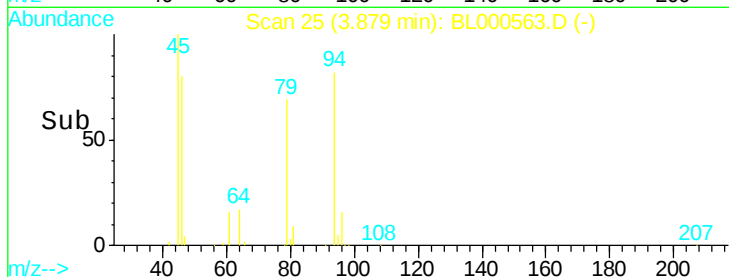


Abundance

Ion 94.00 (93.70 to 94.70): BL0

Ion 45.00 (44.70 to 45.70): BL0

Ion 79.00 (78.70 to 79.70): BL0



#3

DMMP

Concen: 0.49 ug/mL

RT: 4.63 min Scan# 78

Delta R.T. 0.06 min

Lab File: BL000563.D

Acq: 15 Feb 2012 14:34

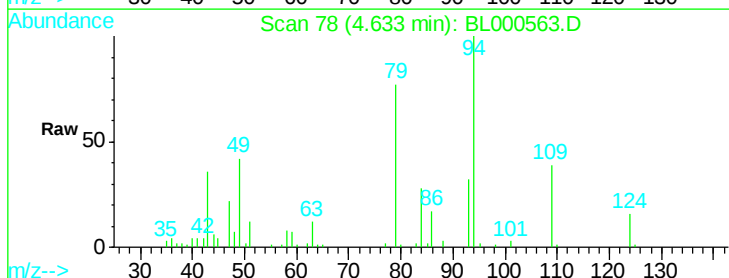
Tgt Ion: 79 Resp: 232711

Ion Ratio Lower Upper

79 100

94 129.7 98.3 138.3

109 51.1 26.6 66.6

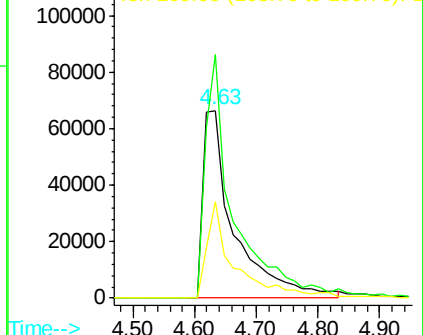
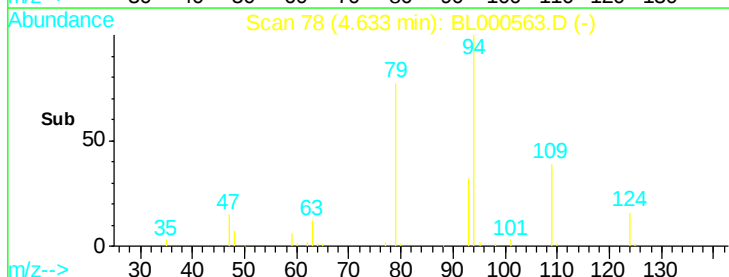


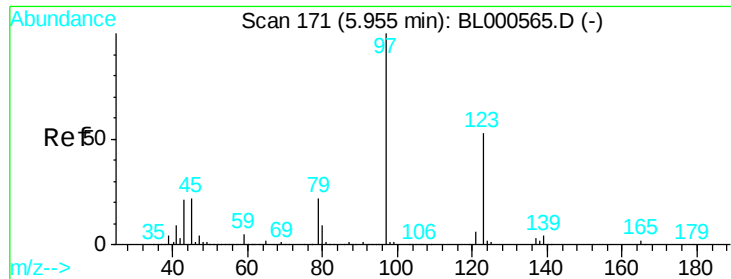
Abundance

Ion 79.00 (78.70 to 79.70): BL0

Ion 94.00 (93.70 to 94.70): BL0

Ion 109.00 (108.70 to 109.70): BL0





#4

DIMP

Concen: 0.52 ug/mL

RT: 5.96 min Scan# 171

Delta R.T. -0.00 min

Lab File: BL000563.D

Acq: 15 Feb 2012 14:34

Tgt Ion: 97 Resp: 515471

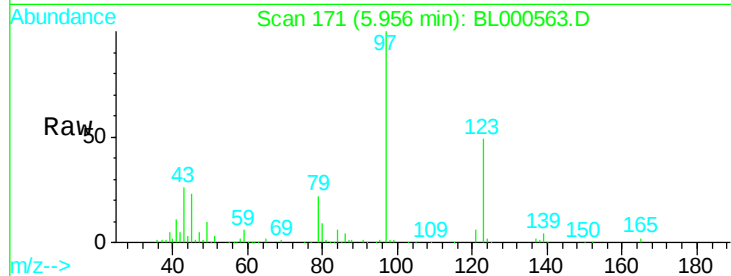
Ion Ratio Lower Upper

97 100

123 49.0 48.8 88.8

43 26.1 0.0 32.3

41 11.4 0.0 25.6



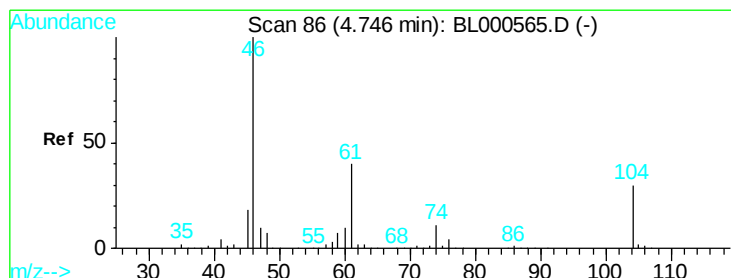
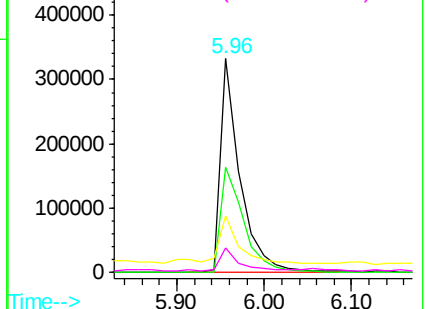
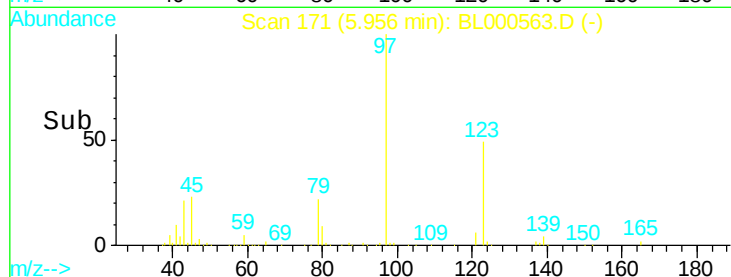
Abundance

Ion 97.00 (96.70 to 97.70): BL0

Ion 123.00 (122.70 to 123.70): BL0

Ion 43.00 (42.70 to 43.70): BL0

Ion 41.00 (40.70 to 41.70): BL0



#5

1,4-Oxathiane

Concen: 1.27 ug/mL

RT: 4.82 min Scan# 91

Delta R.T. 0.04 min

Lab File: BL000563.D

Acq: 15 Feb 2012 14:34

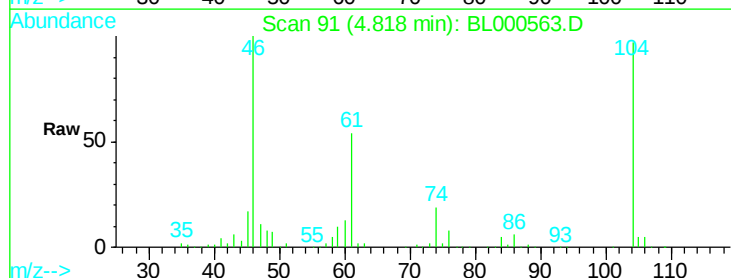
Tgt Ion: 46 Resp: 938482

Ion Ratio Lower Upper

46 100

61 54.2 29.6 69.6

104 96.9 32.6 72.6#

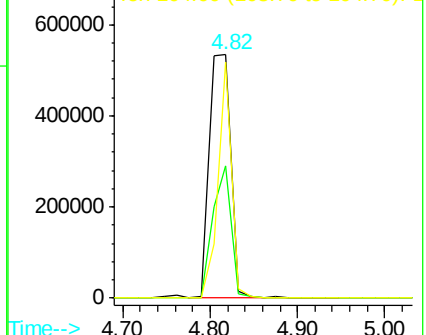
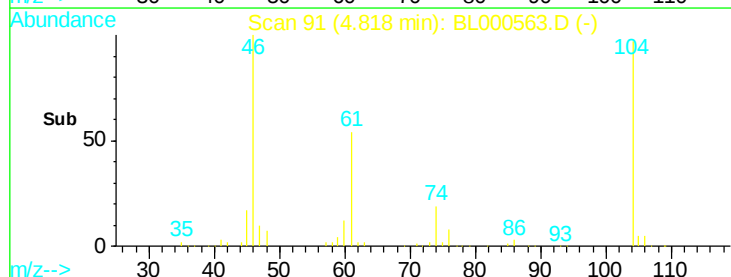


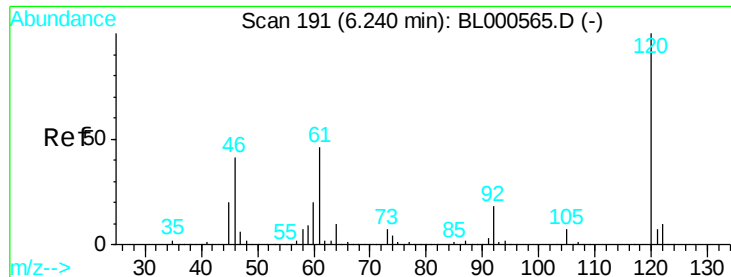
Abundance

Ion 46.00 (45.70 to 46.70): BL0

Ion 61.00 (60.70 to 61.70): BL0

Ion 104.00 (103.70 to 104.70): BL0





#7

1,4-Dithiane

Concen: 1.29 ug/mL

RT: 6.24 min Scan# 191

Delta R.T. 0.01 min

Lab File: BL000563.D

Acq: 15 Feb 2012 14:34

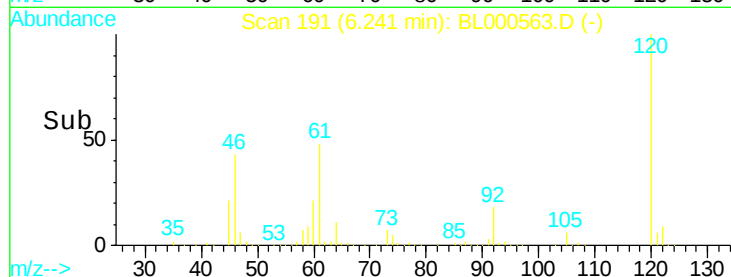
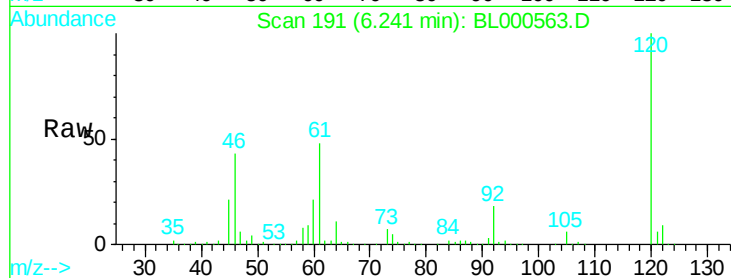
Tgt Ion: 46 Resp: 556424

Ion Ratio Lower Upper

46 100

61 111.6 74.1 114.1

120 230.6 81.1 121.1#

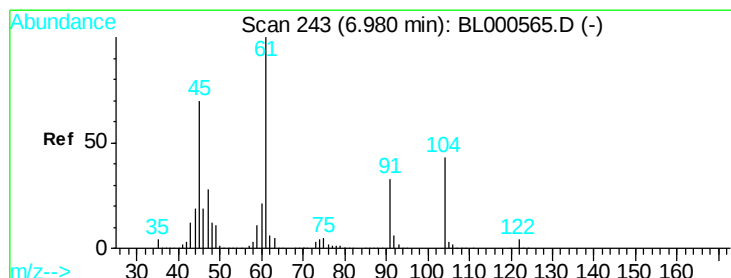
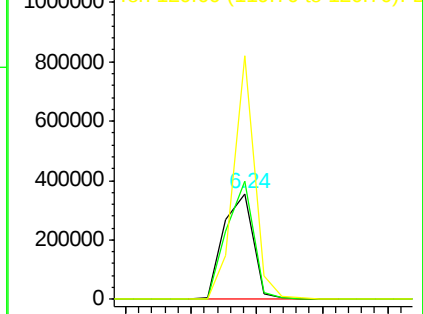


Abundance

Ion 46.00 (45.70 to 46.70): BL0

Ion 61.00 (60.70 to 61.70): BL0

Ion 120.00 (119.70 to 120.70): BL0



#8

Thiodiglycol

Concen: 9.35 ug/mL m

RT: 6.91 min Scan# 238

Delta R.T. -0.04 min

Lab File: BL000563.D

Acq: 15 Feb 2012 14:34

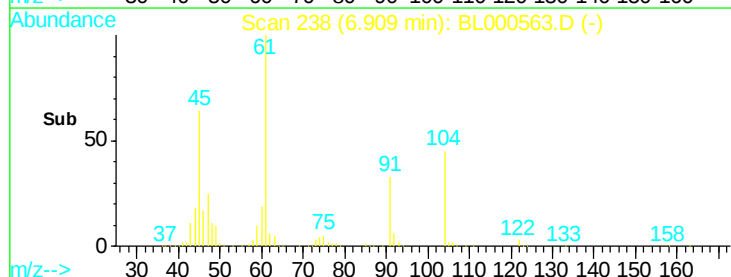
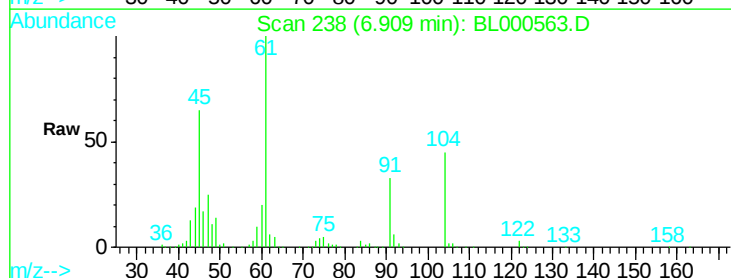
Tgt Ion: 61 Resp: 2748755

Ion Ratio Lower Upper

61 100

45 64.6 50.8 90.8

47 25.2 9.0 49.0

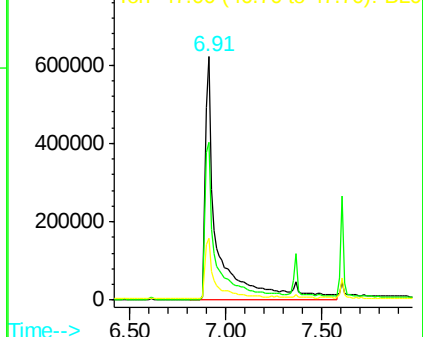


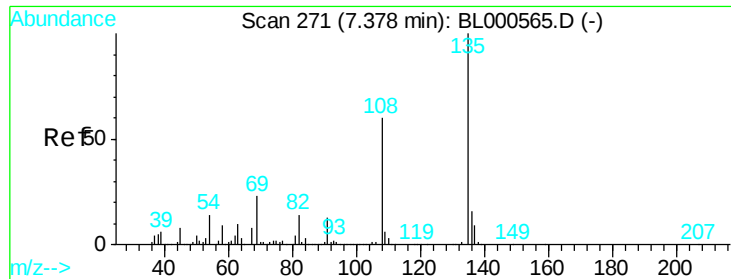
Abundance

Ion 61.00 (60.70 to 61.70): BL0

Ion 45.00 (44.70 to 45.70): BL0

Ion 47.00 (46.70 to 47.70): BL0





#9

Benzothiazole

Concen: 3.28 ug/mL

RT: 7.36 min Scan# 270

Delta R.T. -0.00 min

Lab File: BL000563.D

Acq: 15 Feb 2012 14:34

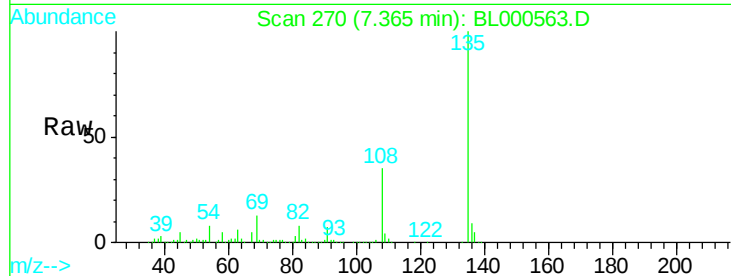
Tgt Ion:135 Resp: 2983495

Ion Ratio Lower Upper

135 100

108 35.5 38.8 78.8#

69 13.3 5.9 45.9

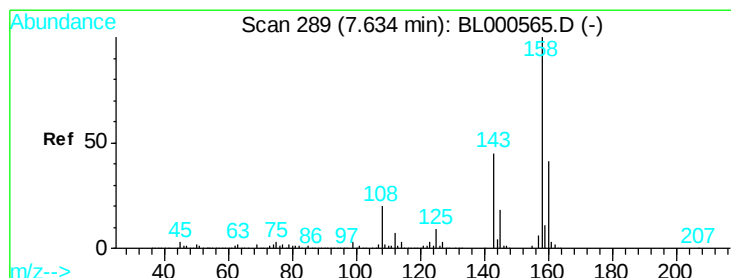
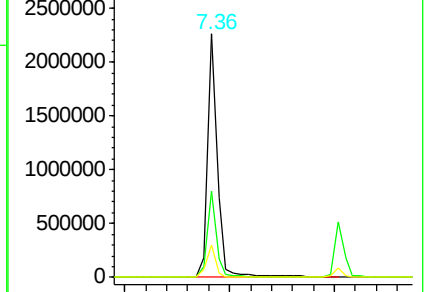
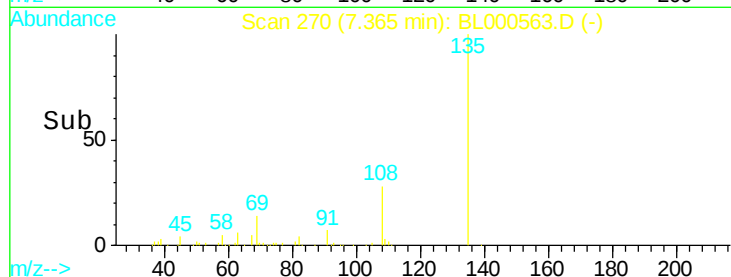


Abundance

Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 69.00 (68.70 to 69.70): BL0



#11

p-Chlorophenylmethylsulfide

Concen: 2.90 ug/mL

RT: 7.61 min Scan# 287

Delta R.T. -0.01 min

Lab File: BL000563.D

Acq: 15 Feb 2012 14:34

Tgt Ion:158 Resp: 2017683

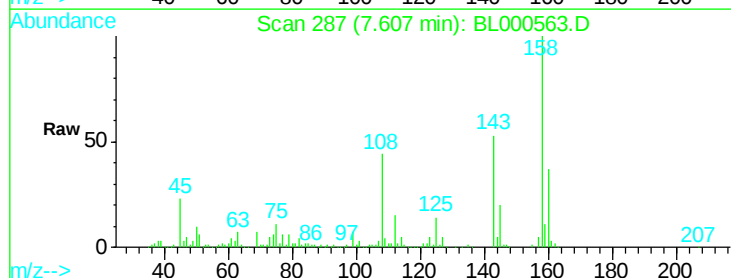
Ion Ratio Lower Upper

158 100

143 52.8 36.0 76.0

108 44.3 10.7 50.7

45 22.5 0.0 26.7



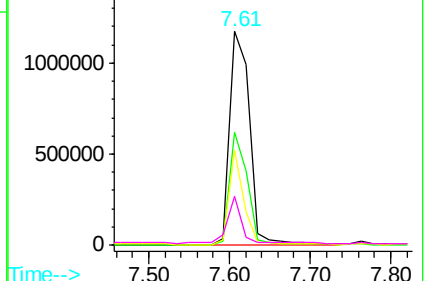
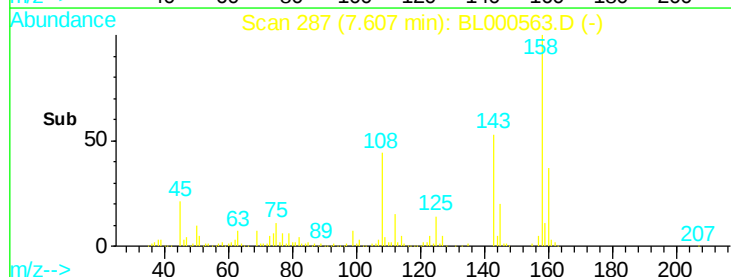
Abundance

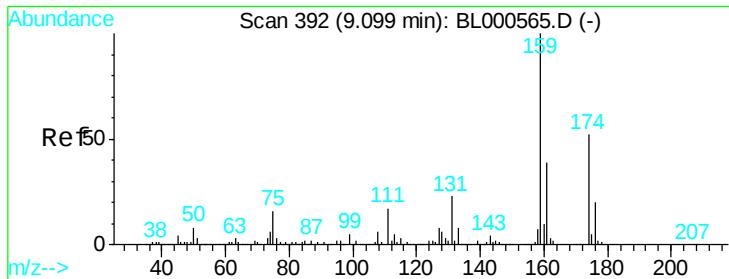
Ion 158.00 (157.70 to 158.70): E

Ion 143.00 (142.70 to 143.70): E

Ion 108.00 (107.70 to 108.70): E

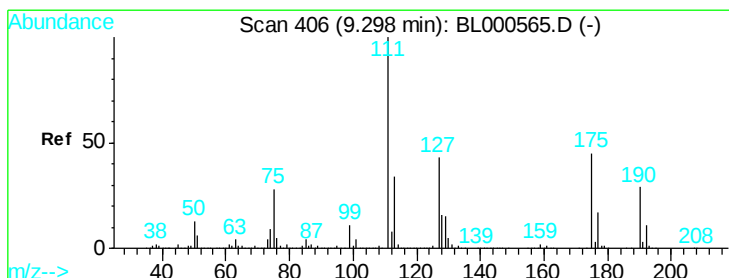
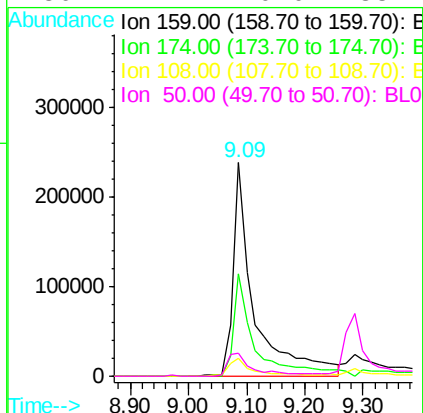
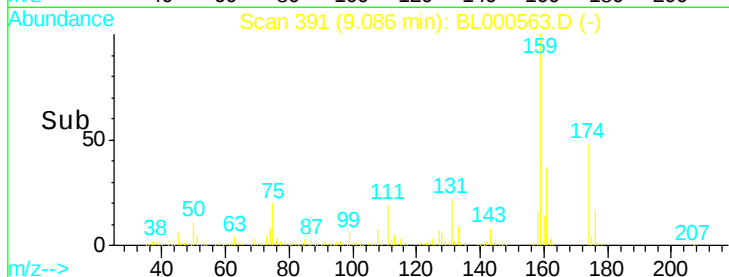
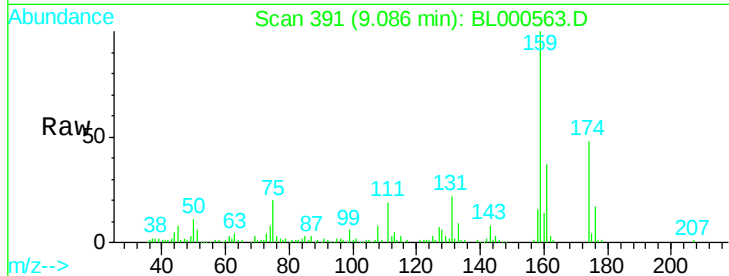
Ion 45.00 (44.70 to 45.70): BL0





#13
p-Chlorophenylmethylsulfoxide
Concen: 2.00 ug/mL
RT: 9.09 min Scan# 391
Delta R.T. -0.00 min
Lab File: BL000563.D
Acq: 15 Feb 2012 14:34

Tgt Ion:	159	Resp:	600824
Ion	Ratio	Lower	Upper
159	100		
174	49.1	30.4	70.4
108	10.4	0.0	27.6
50	14.4	0.0	33.2



#14
p-Chlorophenylmethylsulfone
Concen: 2.58 ug/mL
RT: 9.29 min Scan# 405
Delta R.T. -0.00 min
Lab File: BL000563.D
Acq: 15 Feb 2012 14:34

Tgt Ion:	111	Resp:	1126621
Ion	Ratio	Lower	Upper
111	100		
75	27.8	9.9	49.9
127	39.1	21.9	61.9
190	27.8	5.3	45.3

