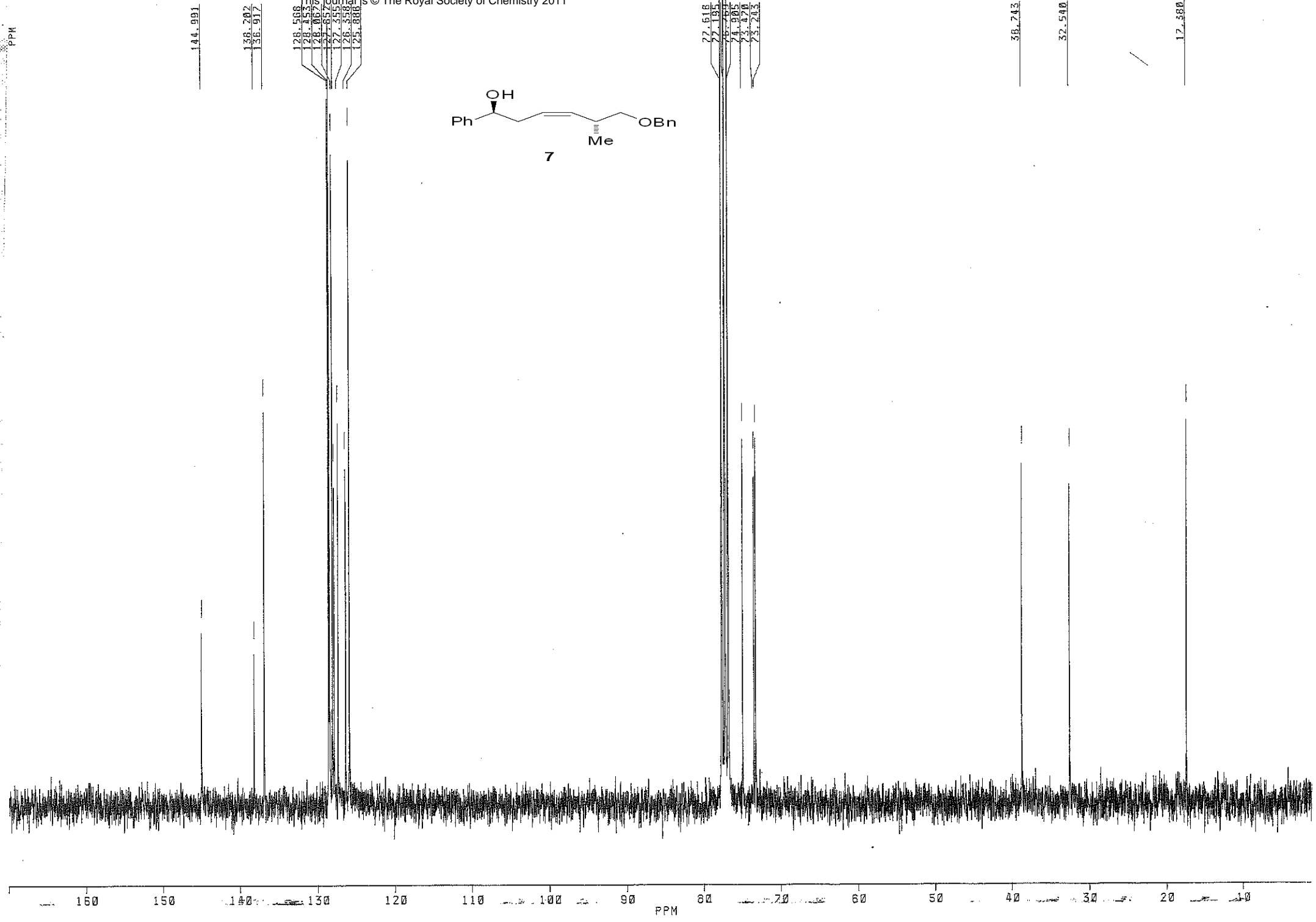
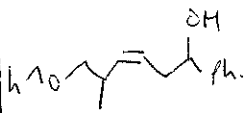


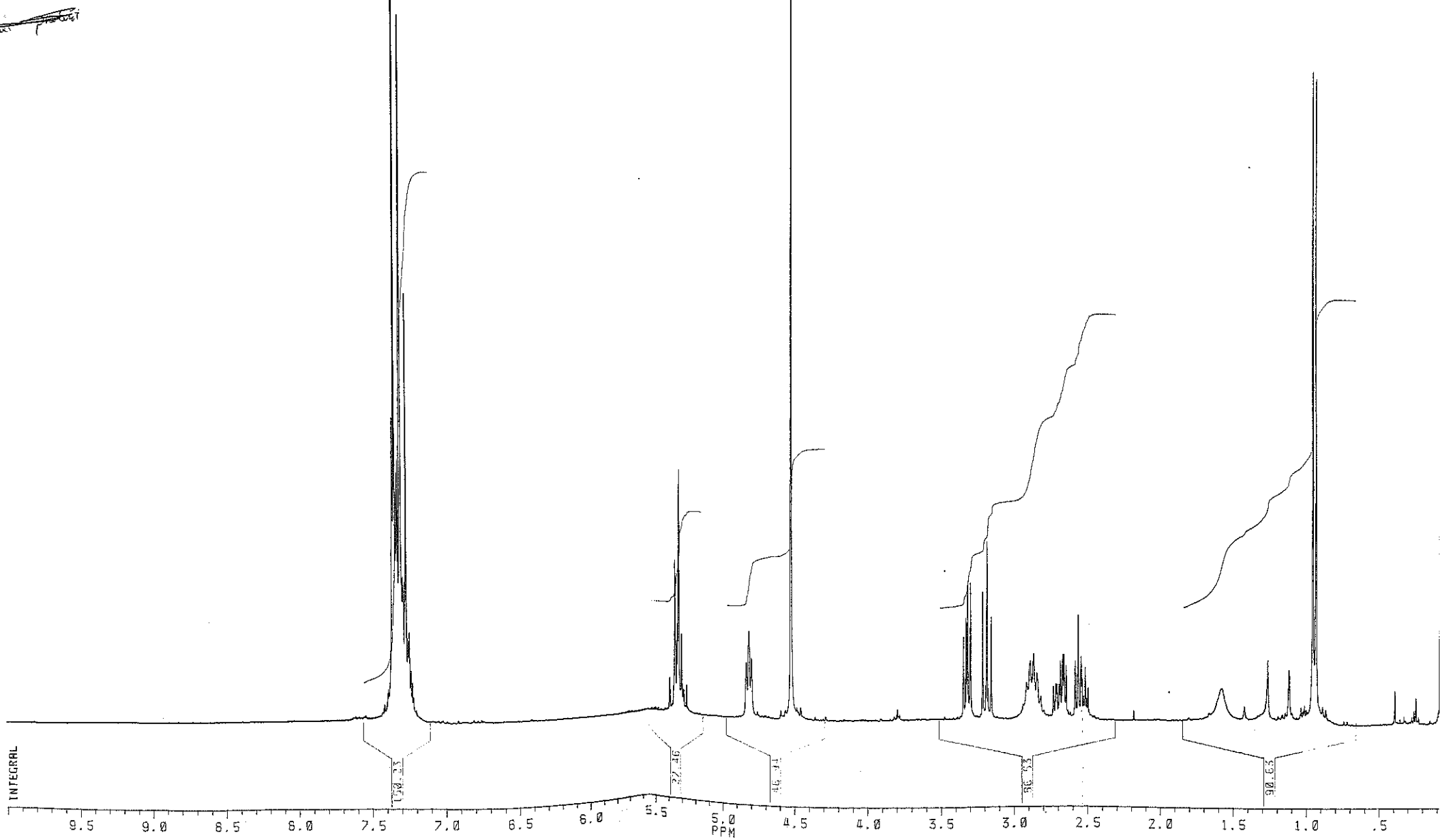
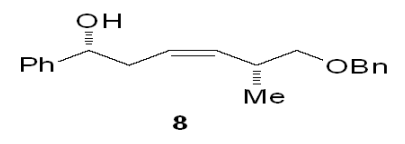
PPM

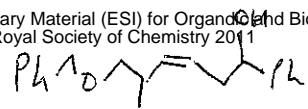


8

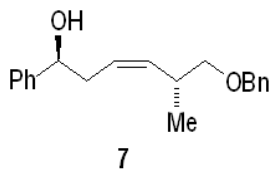


diastereoisomers of HPLC column
(sun)
~~other product~~

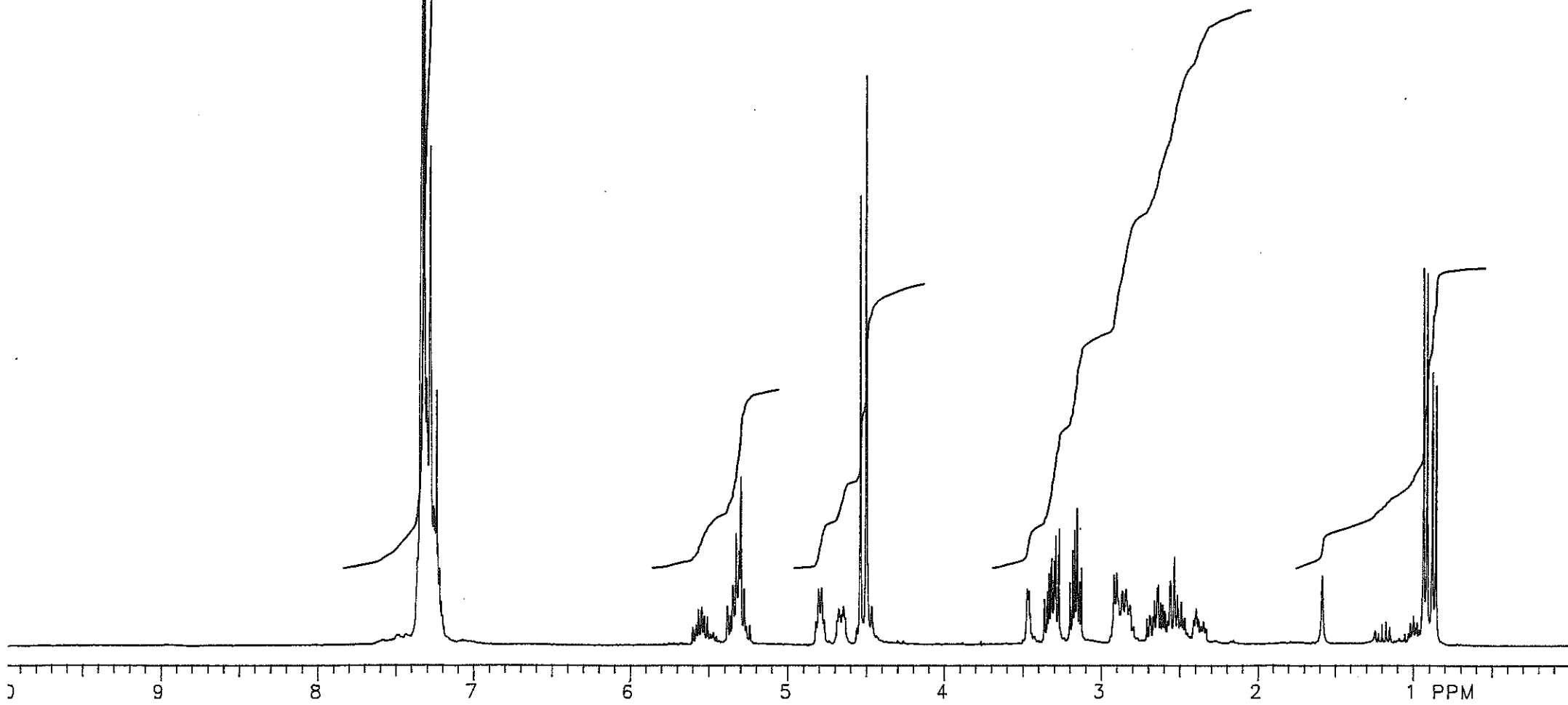
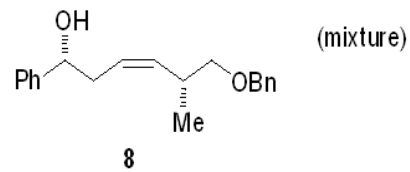




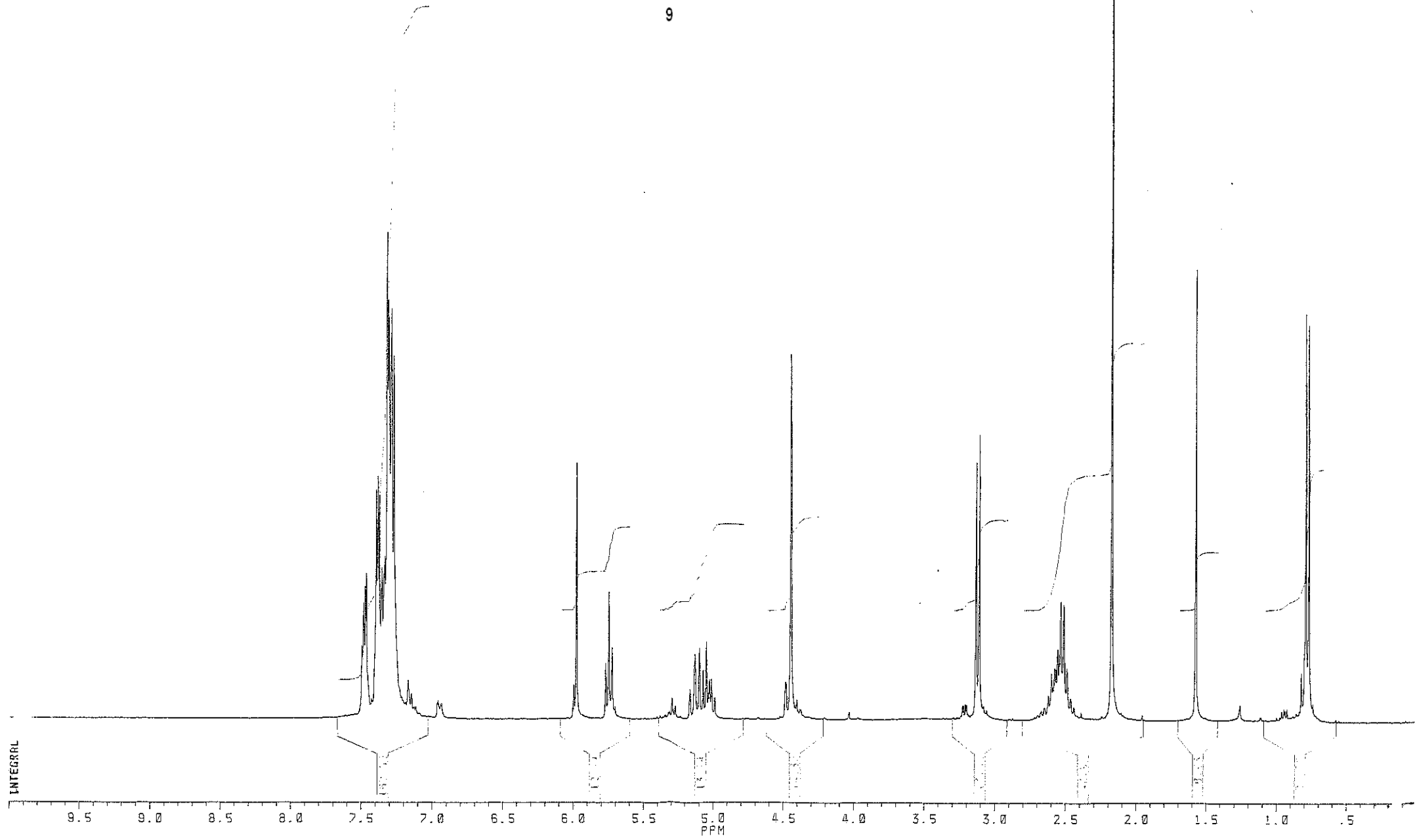
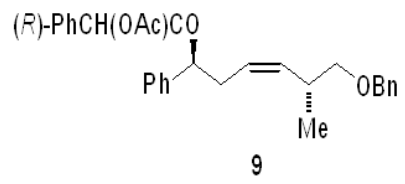
unseparated.



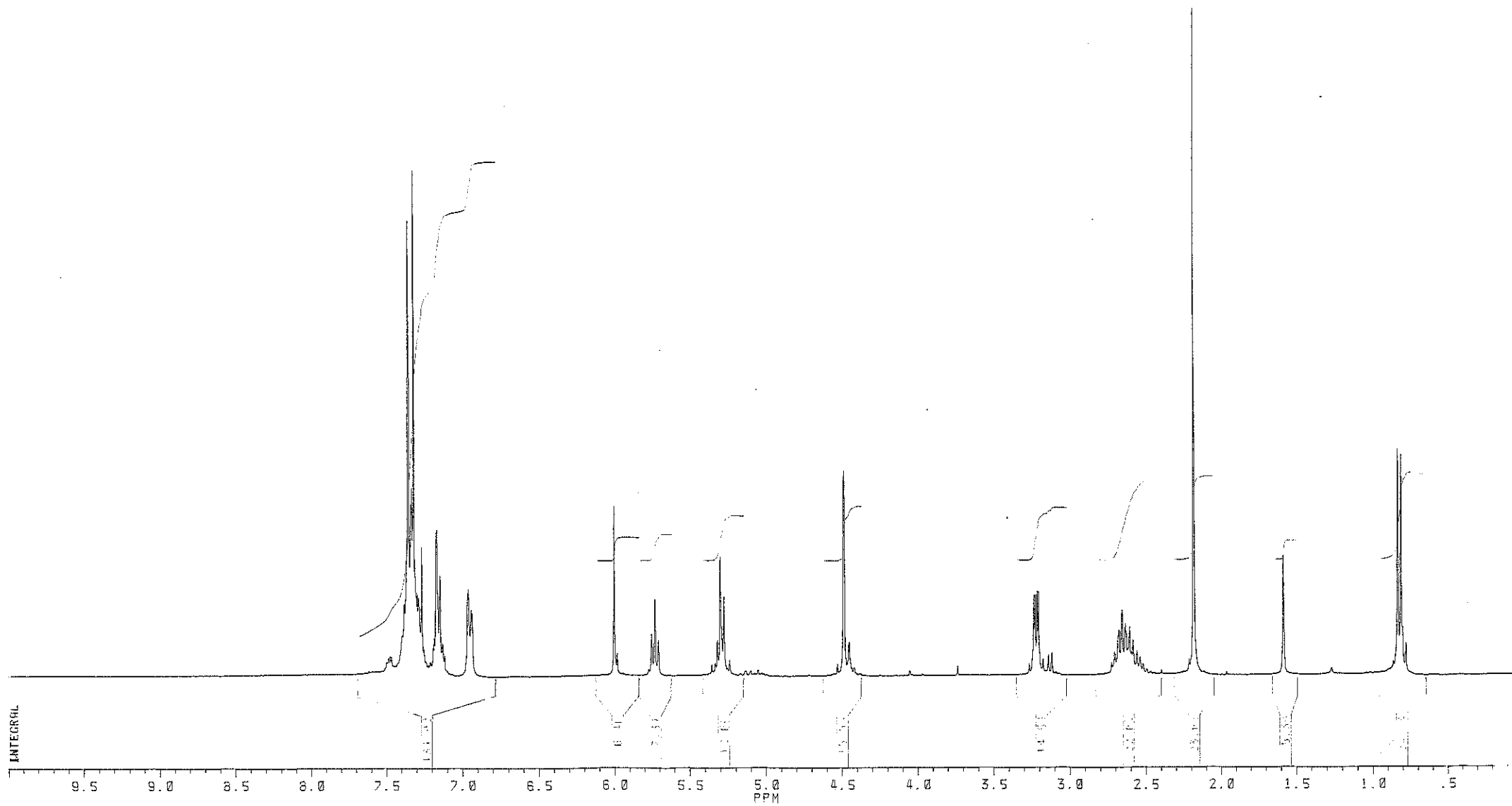
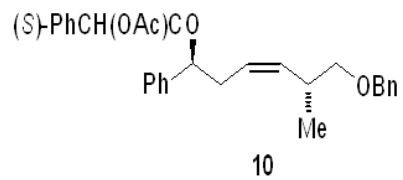
and

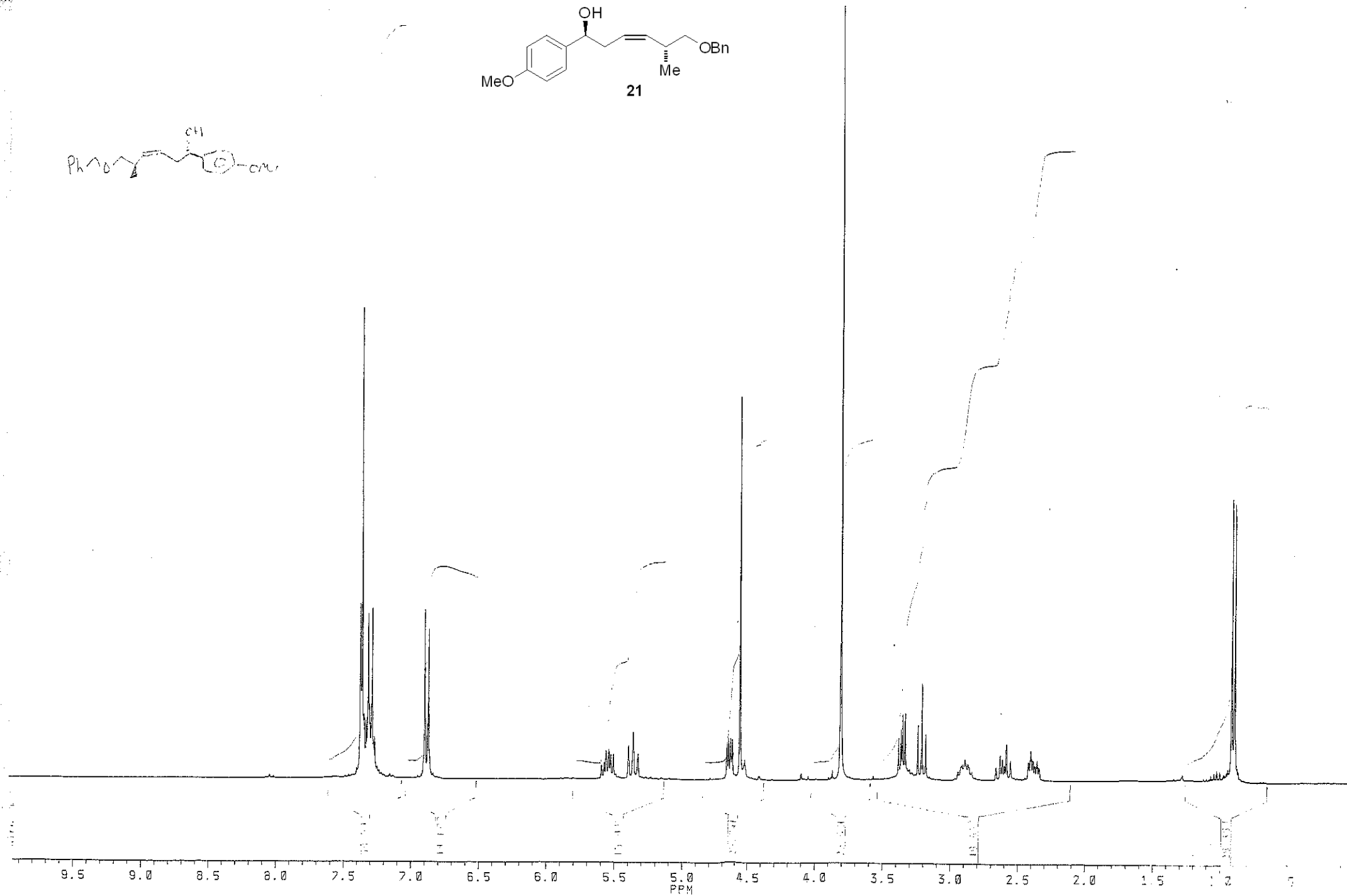
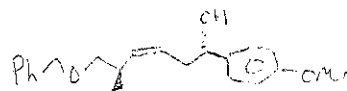
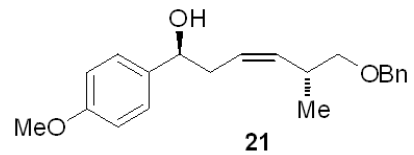


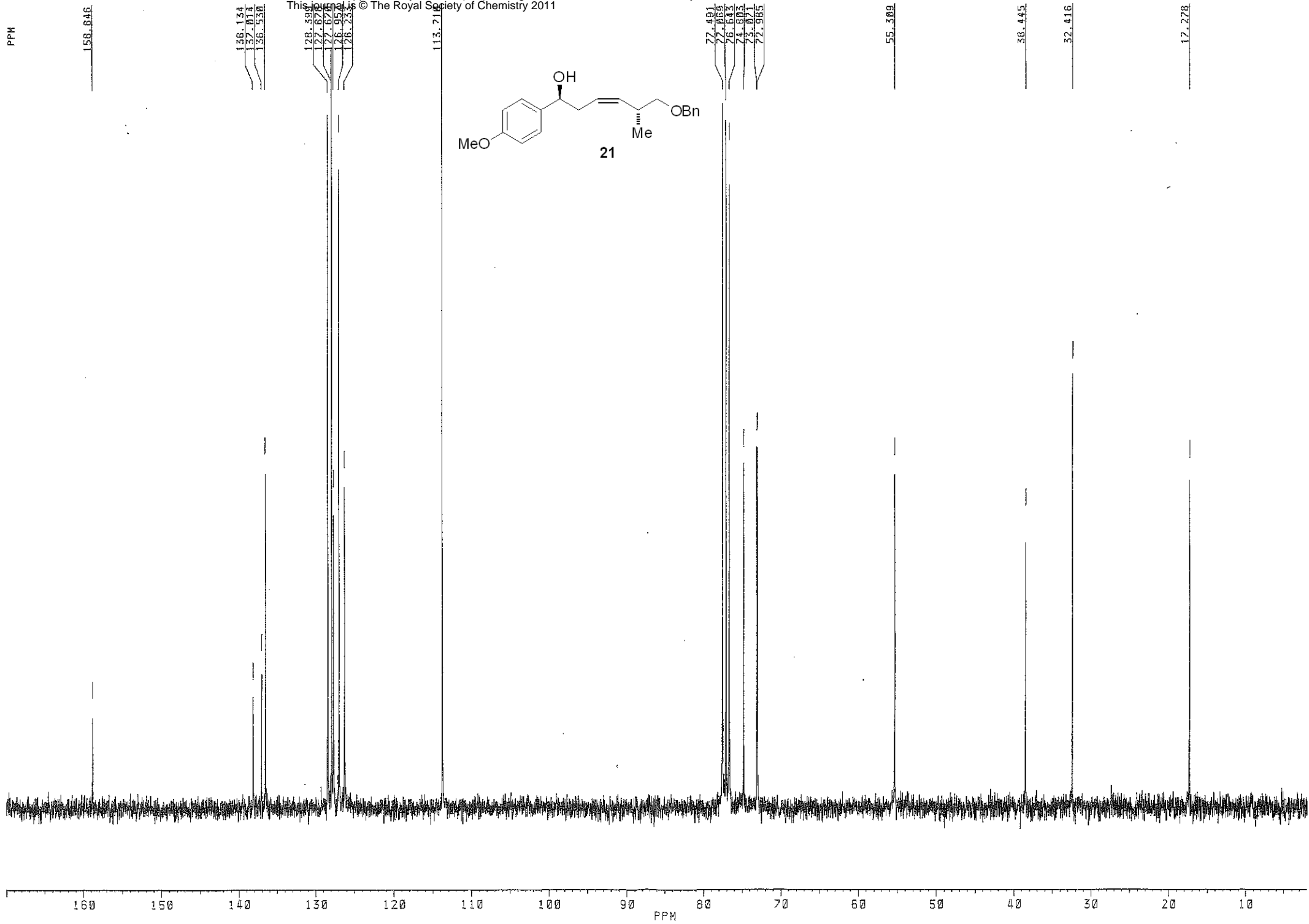
(2)

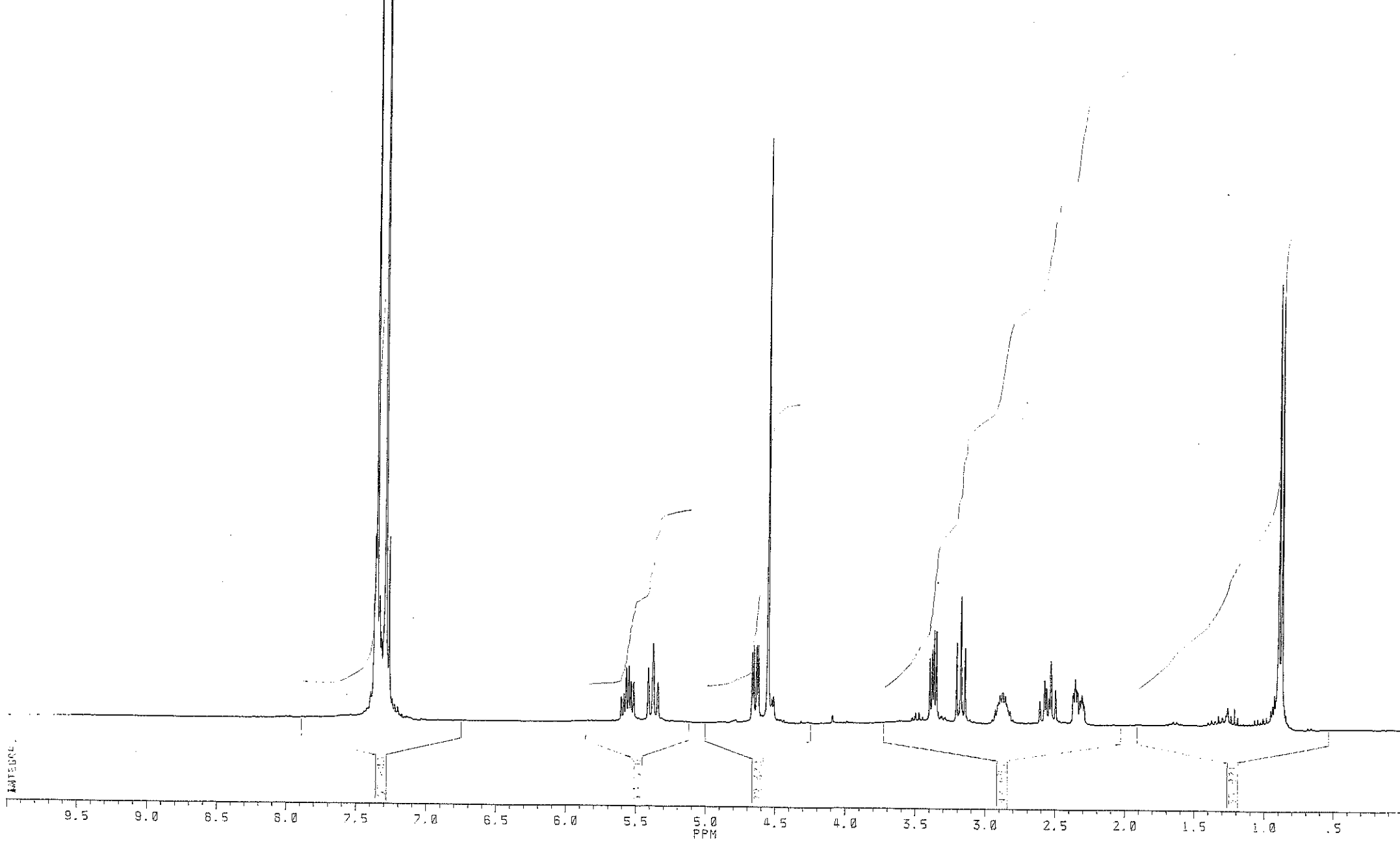
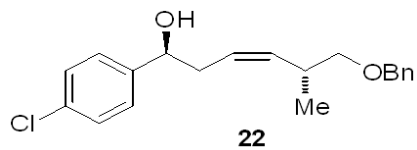


(S)









PPM

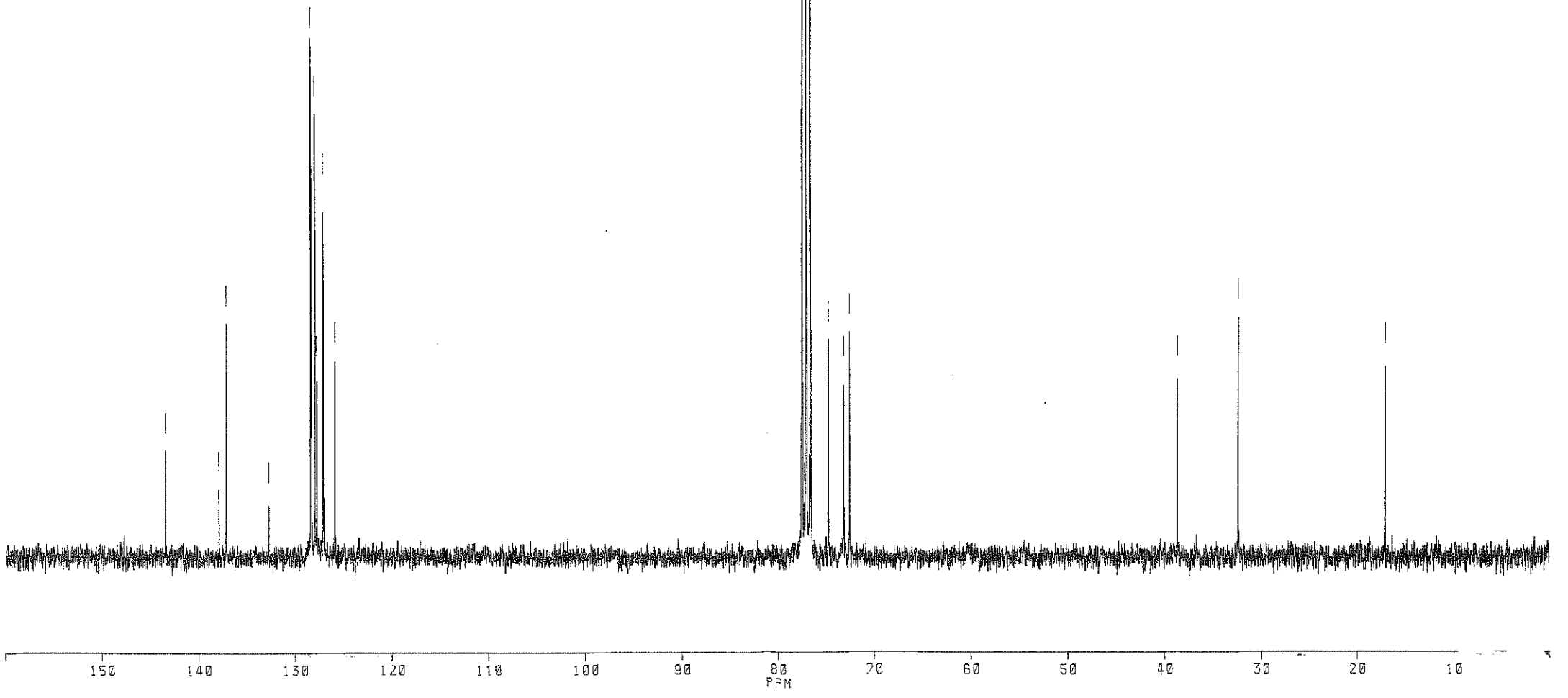
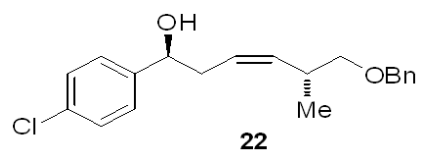
143.421
137.801
137.158
132.711
128.438
128.373
127.987
127.775
127.187
125.916

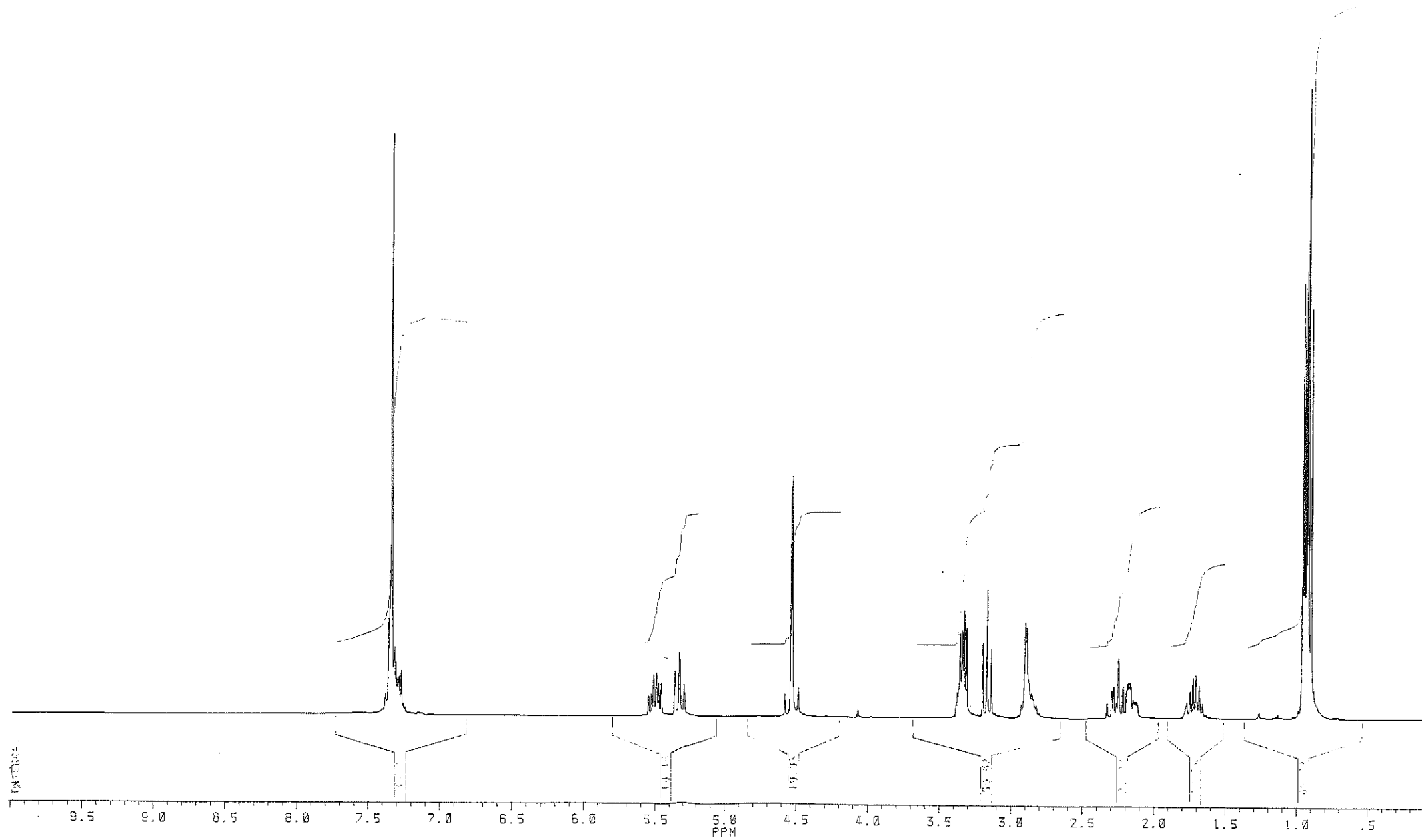
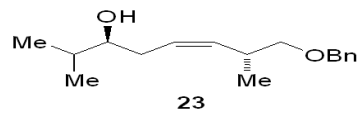
77.455
77.237
77.019
76.801
74.735
73.152
72.568

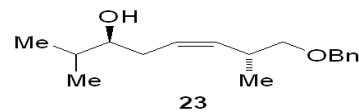
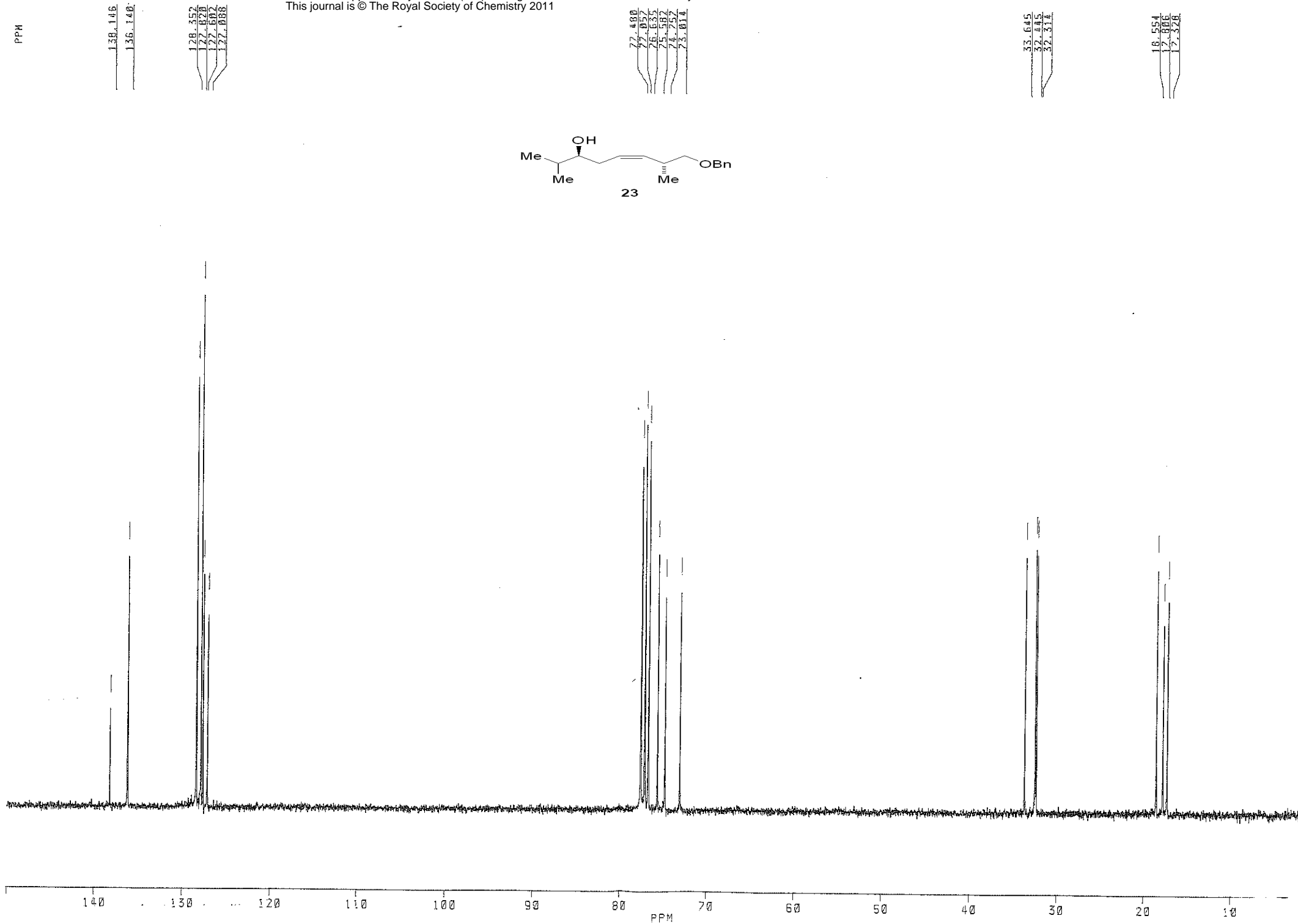
38.669

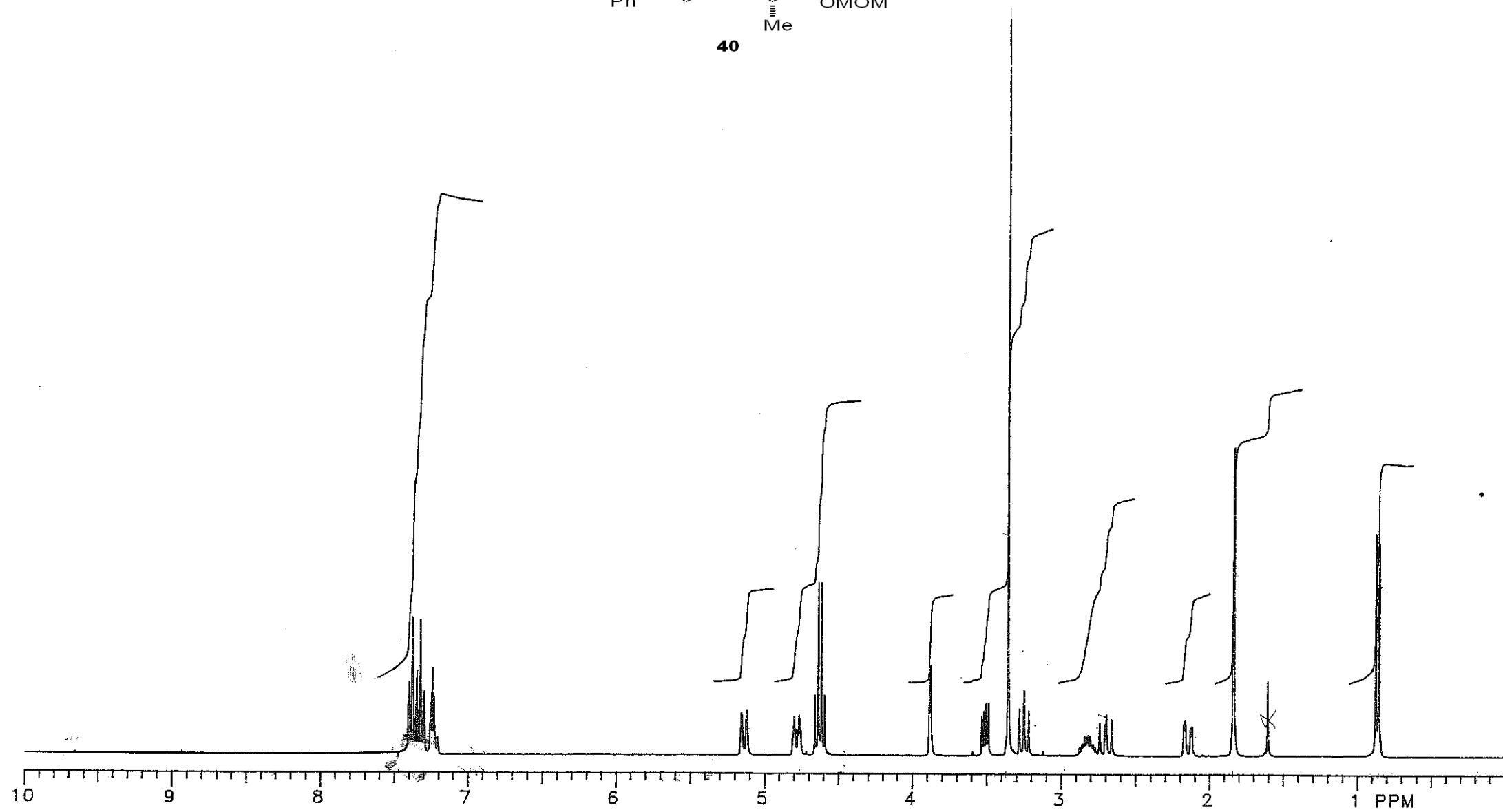
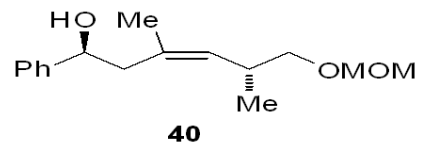
32.398

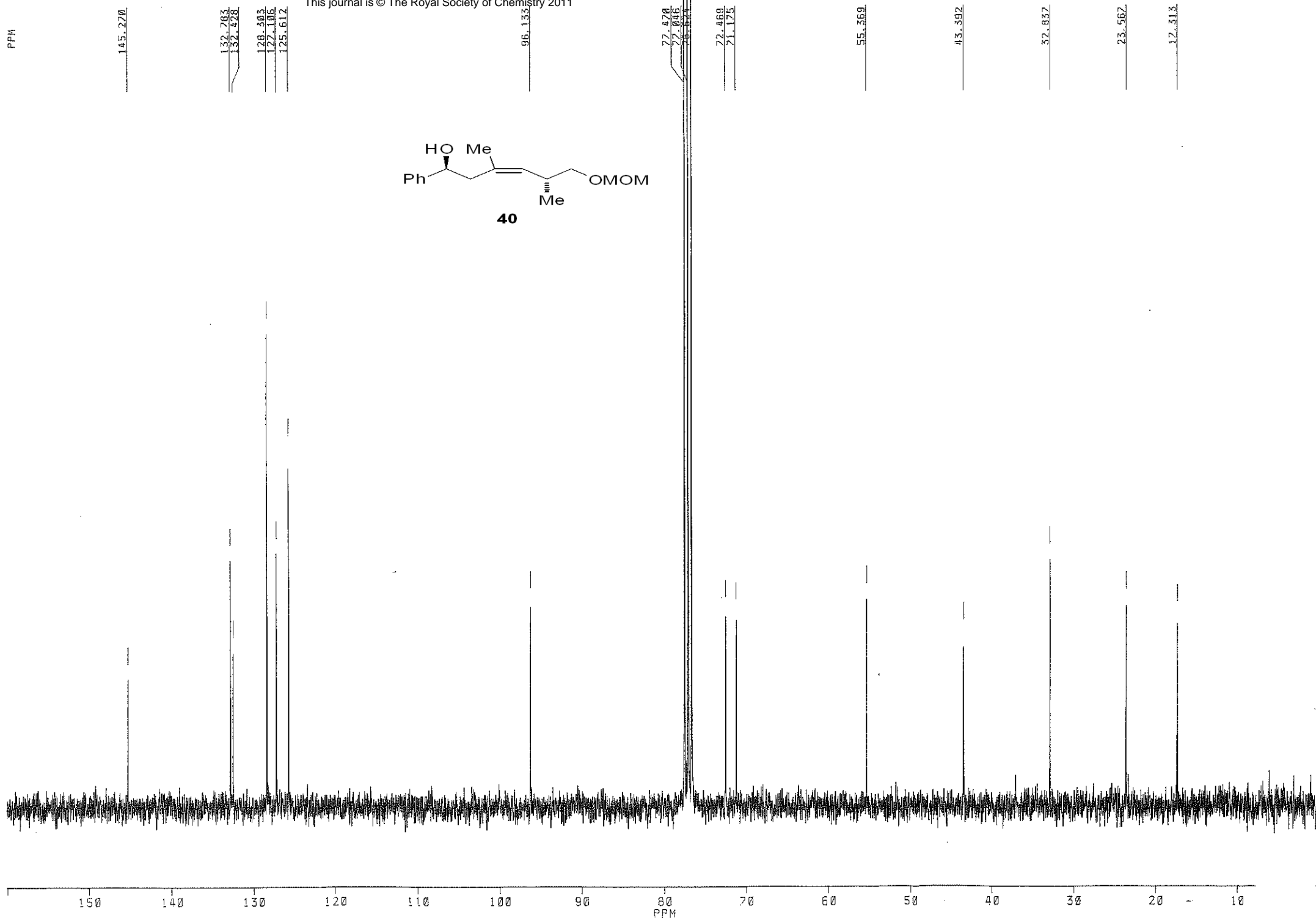
17.151

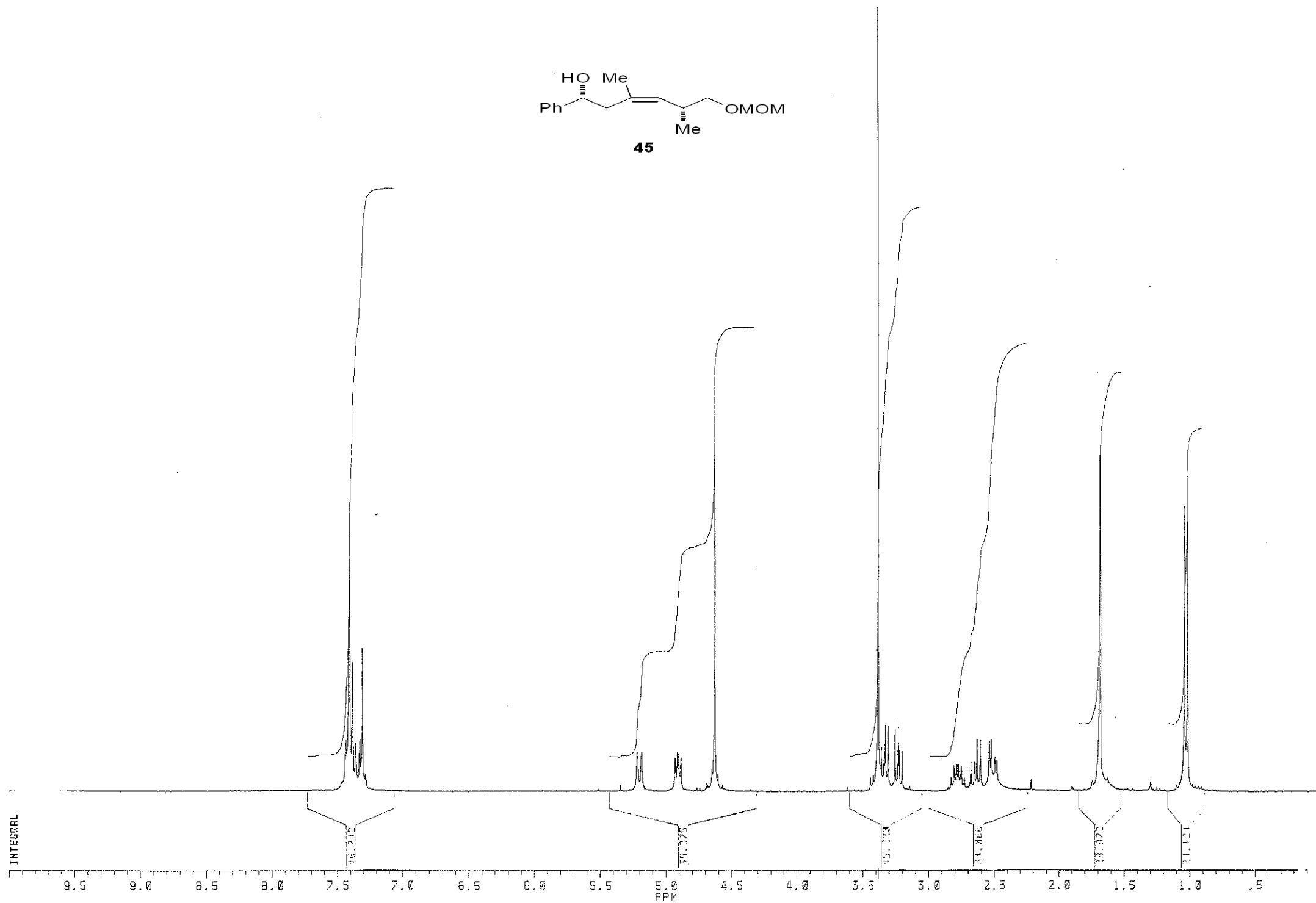


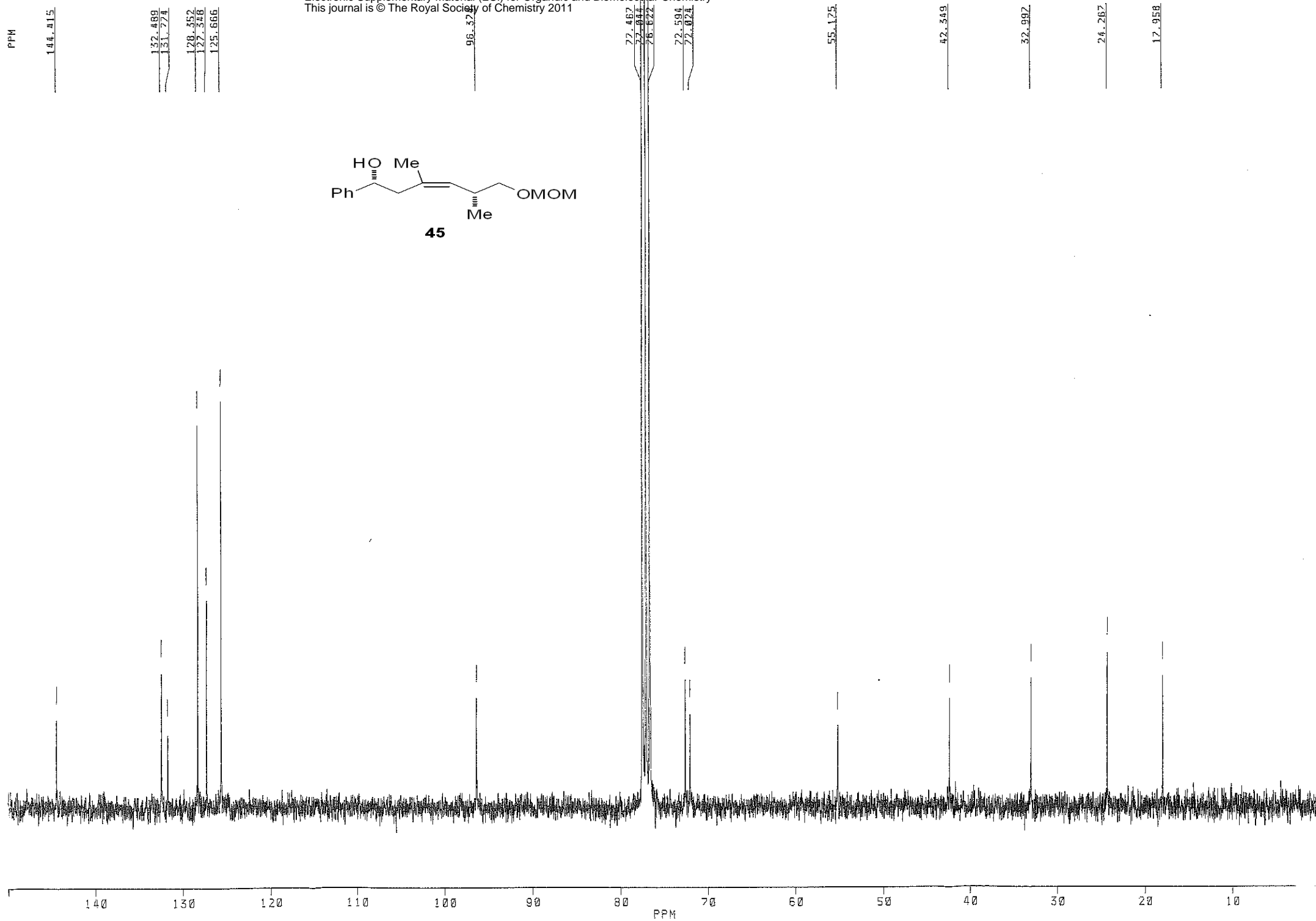
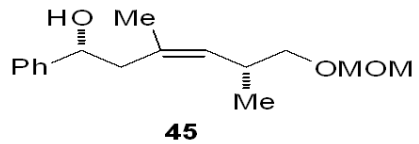




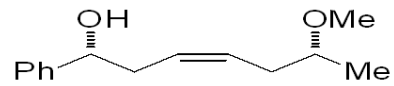








Ph

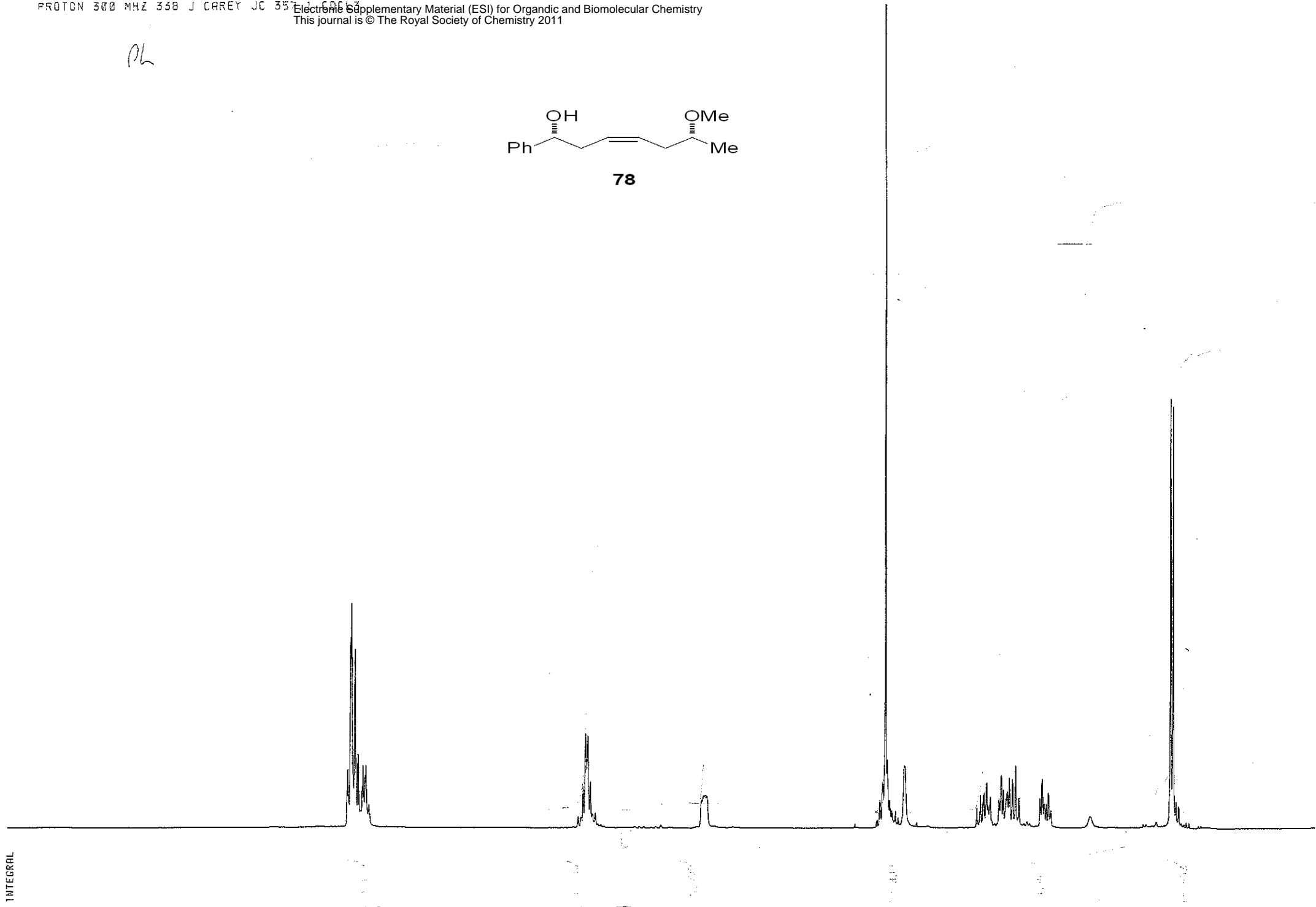


78

INTEGRAL

9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5

PPM



PPM

144.578

129.323
128.301
128.016
127.814
126.816
125.808

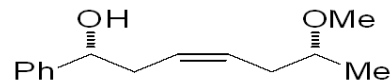
77.472
77.269
77.066
76.863
76.660
76.457
76.254
76.051

56.074

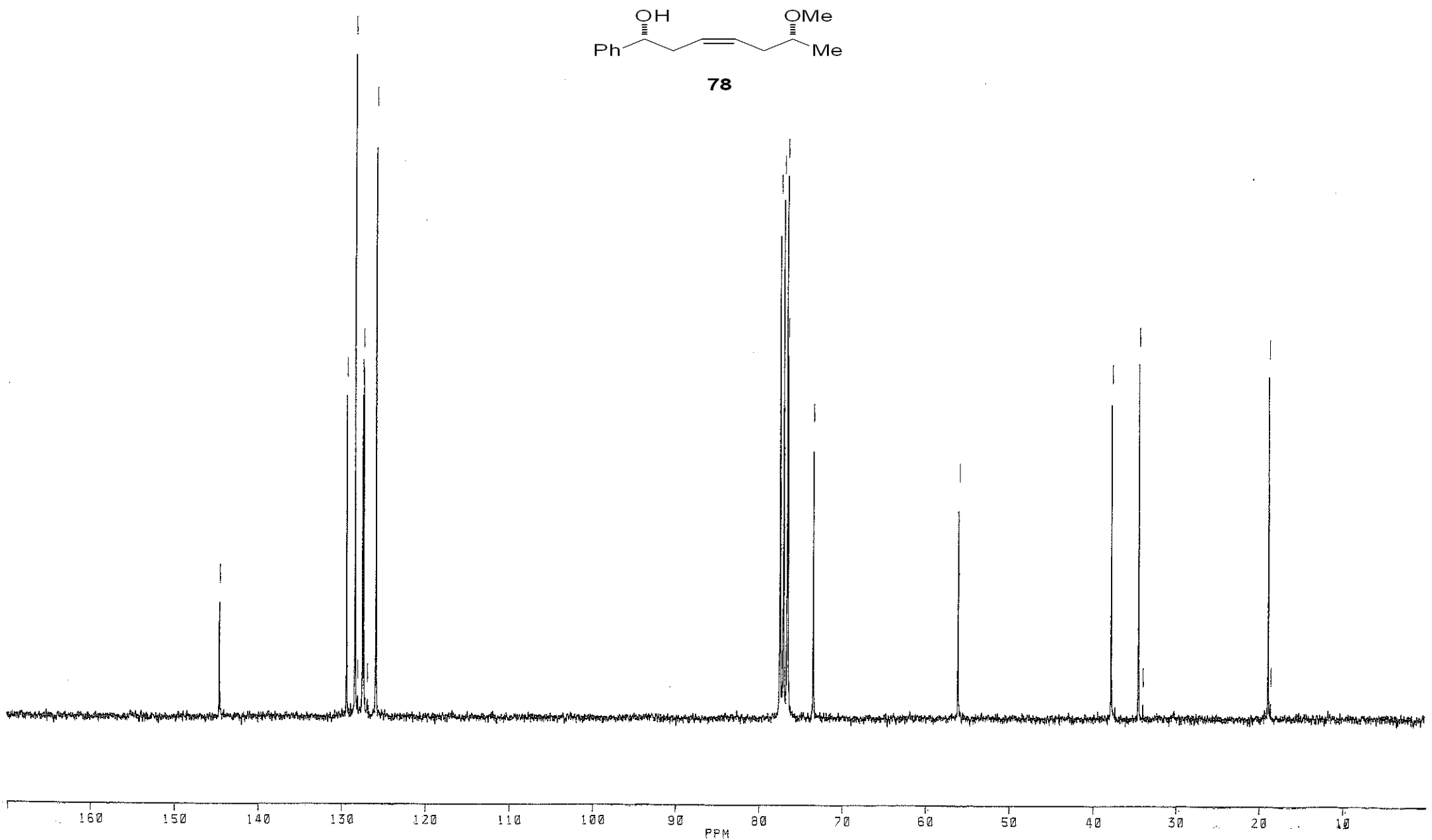
37.268

34.488
33.972

18.893
18.693

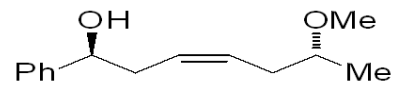
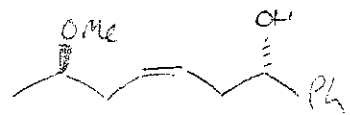


78

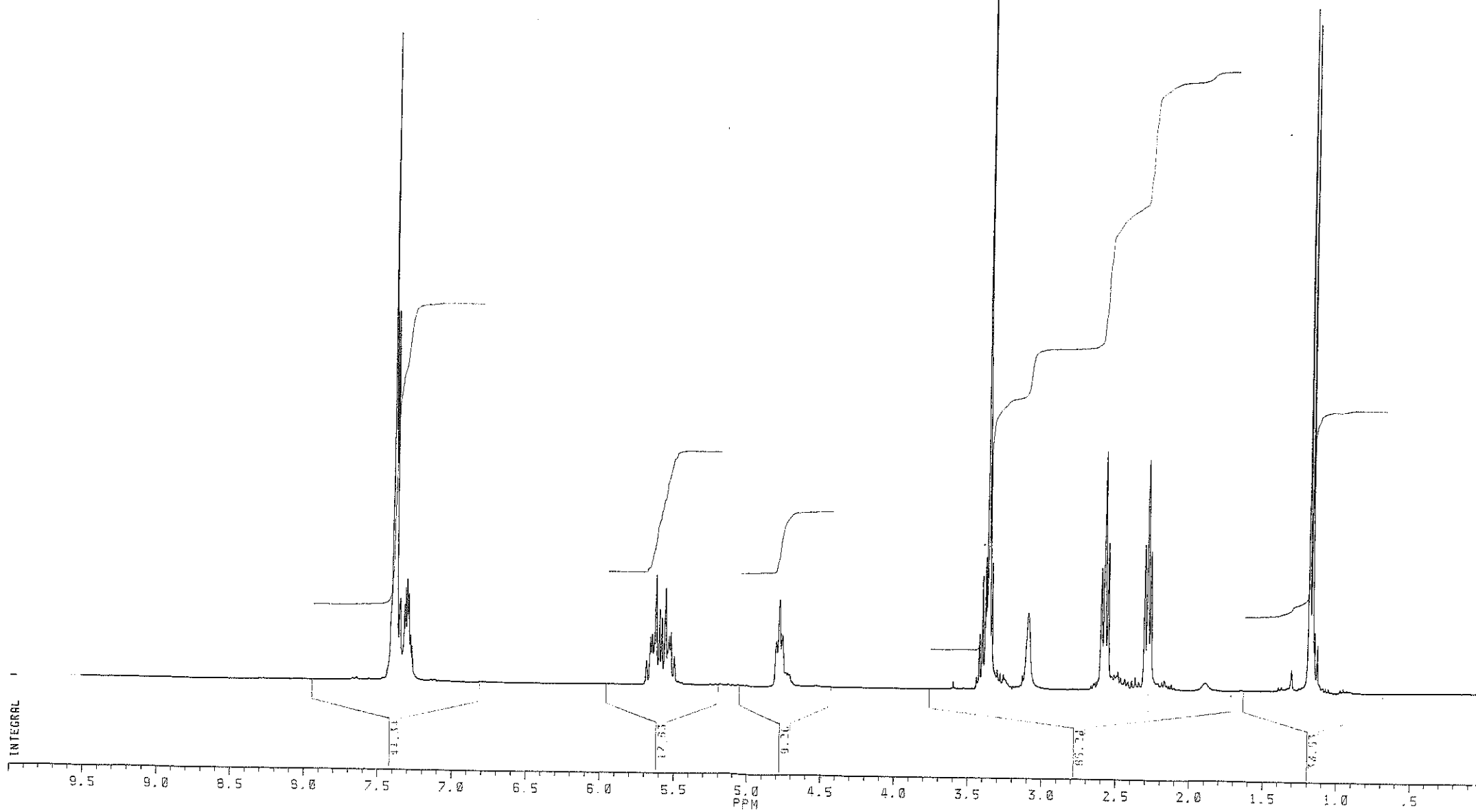


160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10

PPM



81

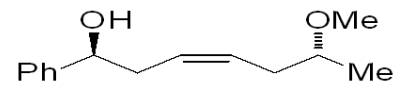
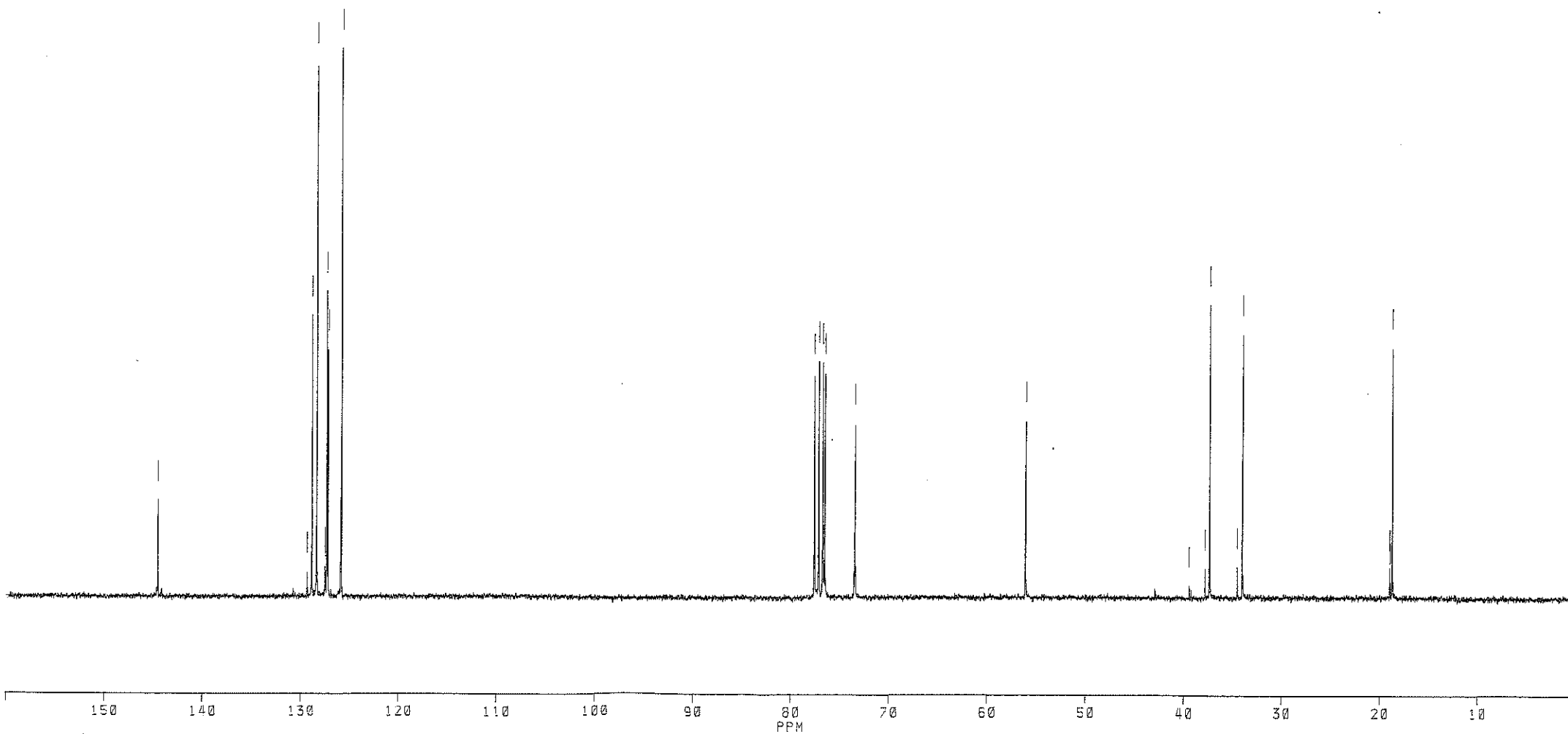


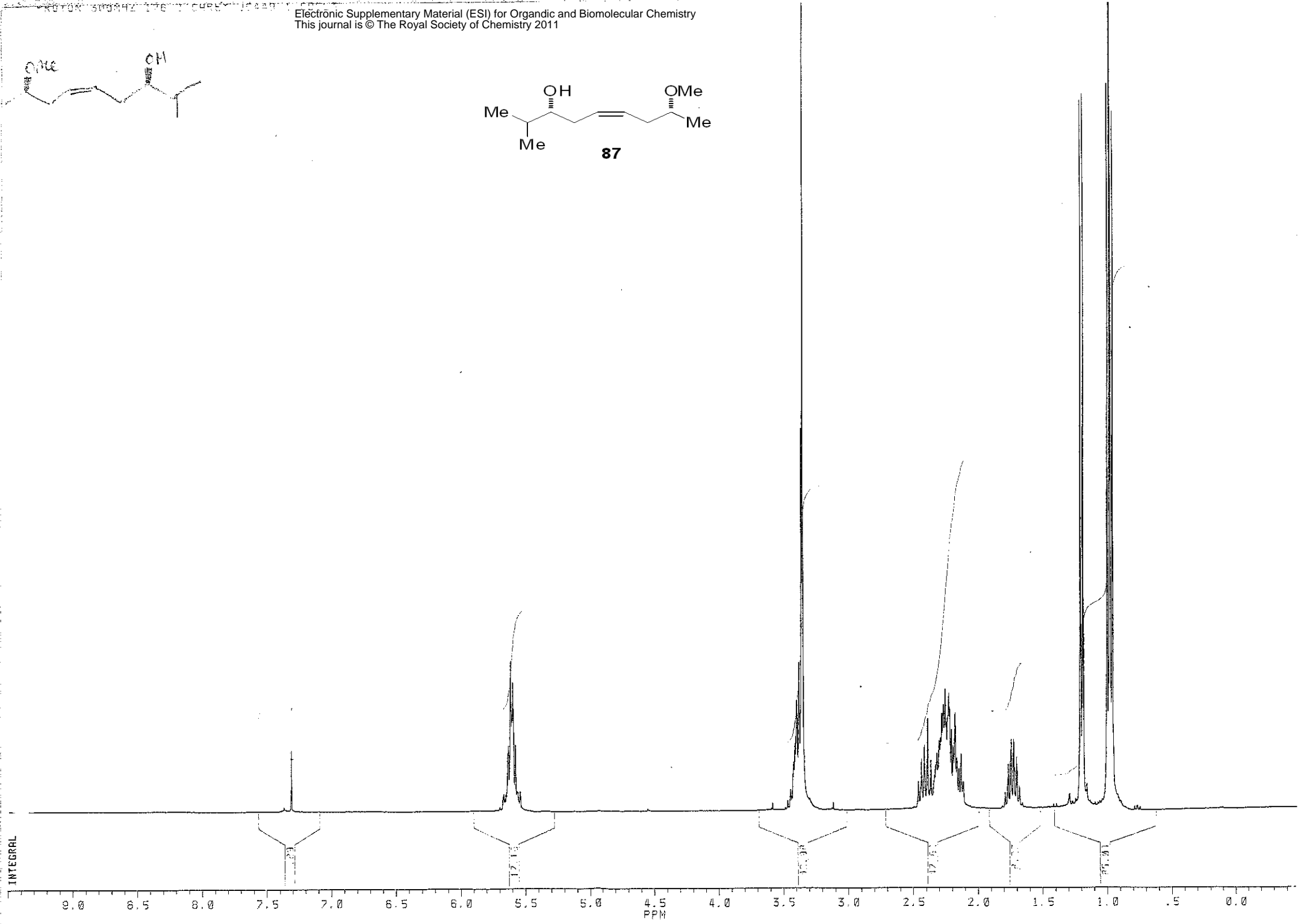
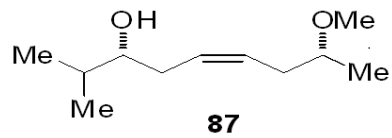
PPM

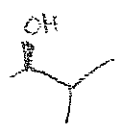
144.477

128.268
128.268
127.415
127.261
127.251
127.153
125.897
125.77277.500
77.500
77.500
76.655
76.549
76.447
75.468
75.375

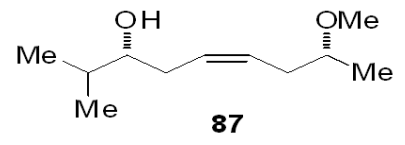
56.050

39.389
37.256
37.318
34.470
33.97018.895
18.834
18.616**81**





128.918
128.575
128.502
128.206

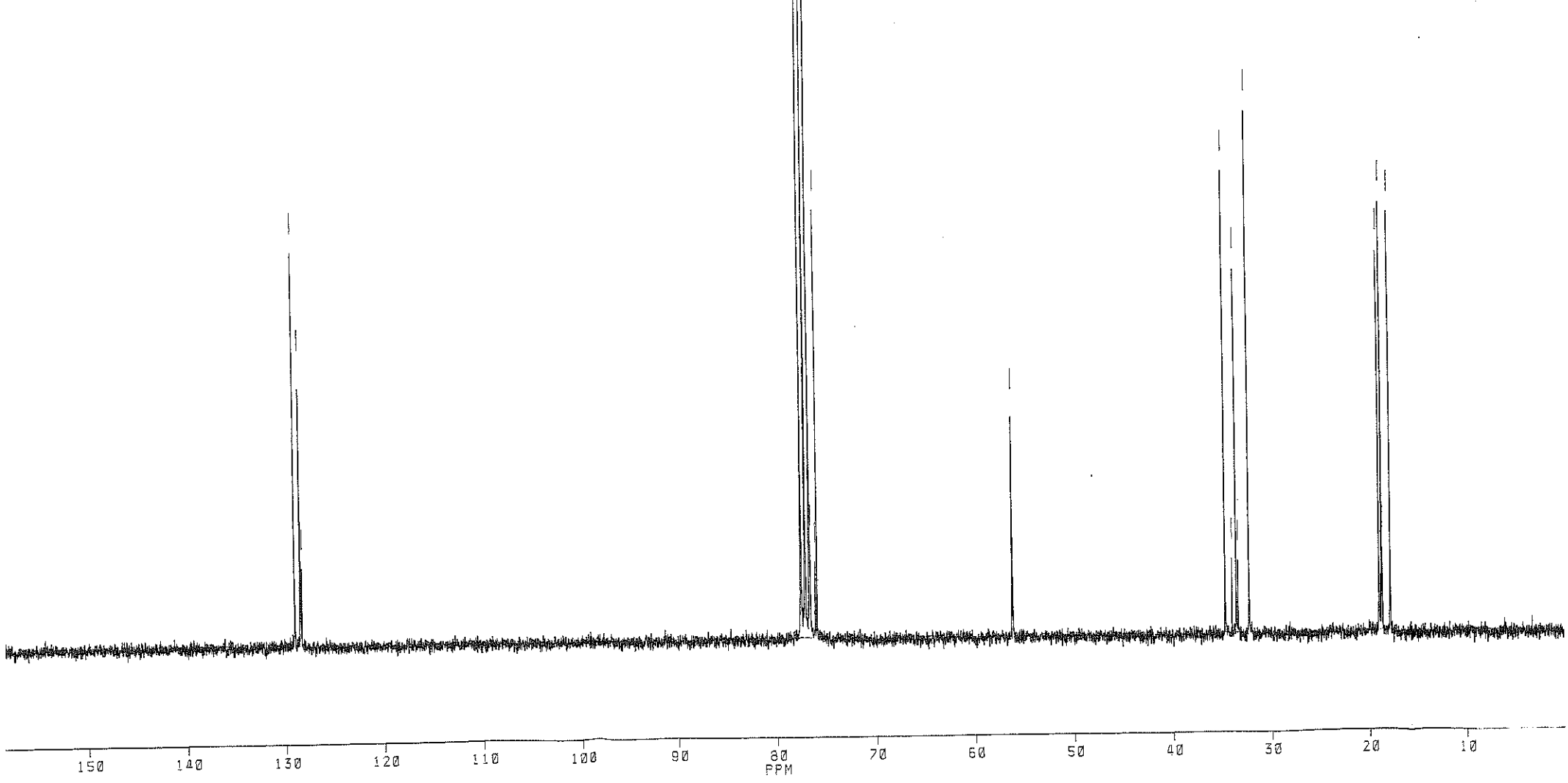


77.451
77.028
76.607
76.496
76.039
75.863

56.134
56.065

34.569
33.687
33.467
33.291
32.173

18.941
18.774
18.653
18.500
17.779



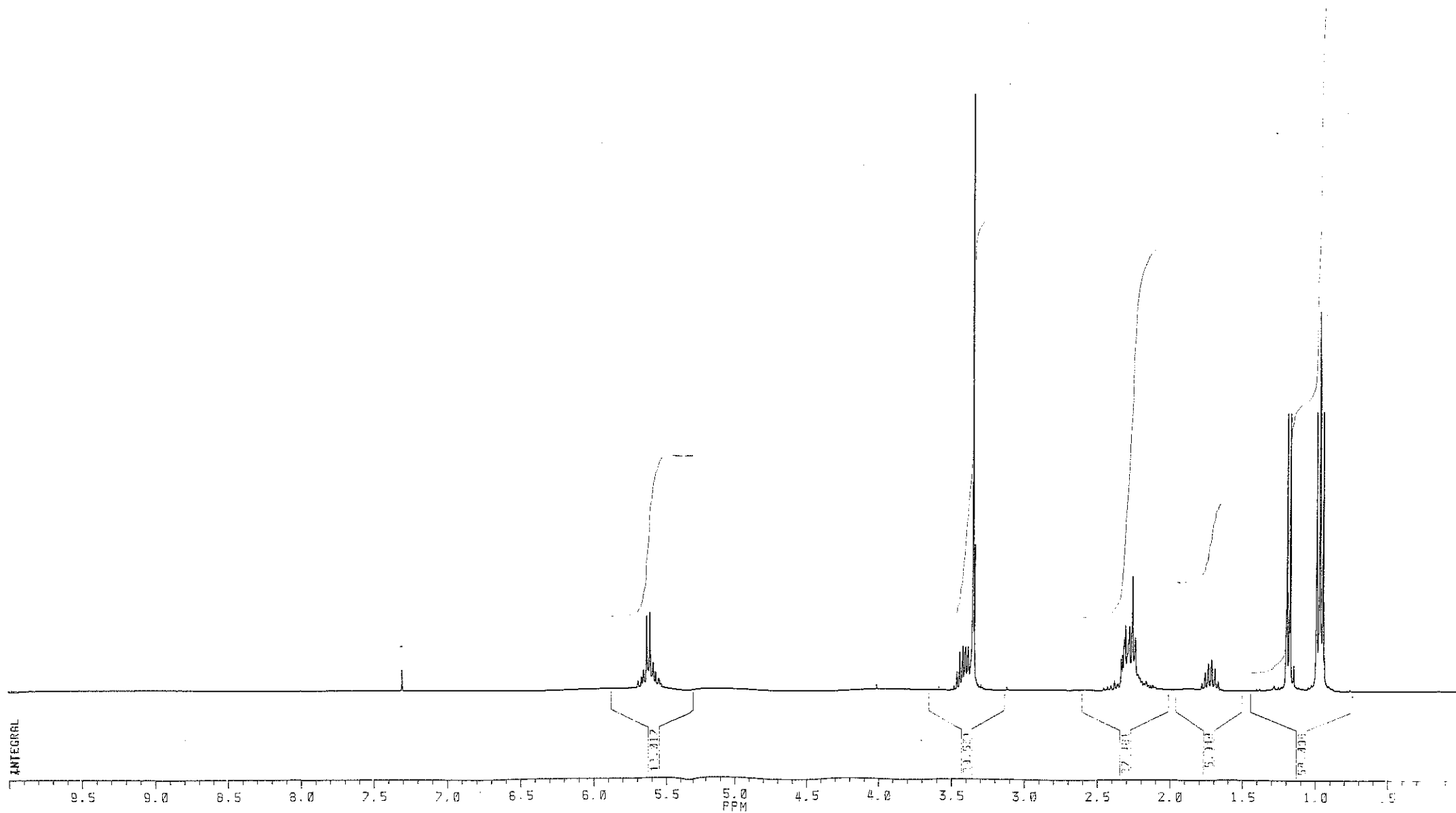
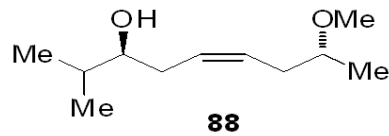
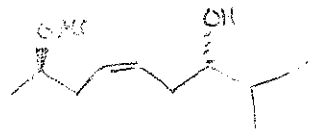
CGI
DATI

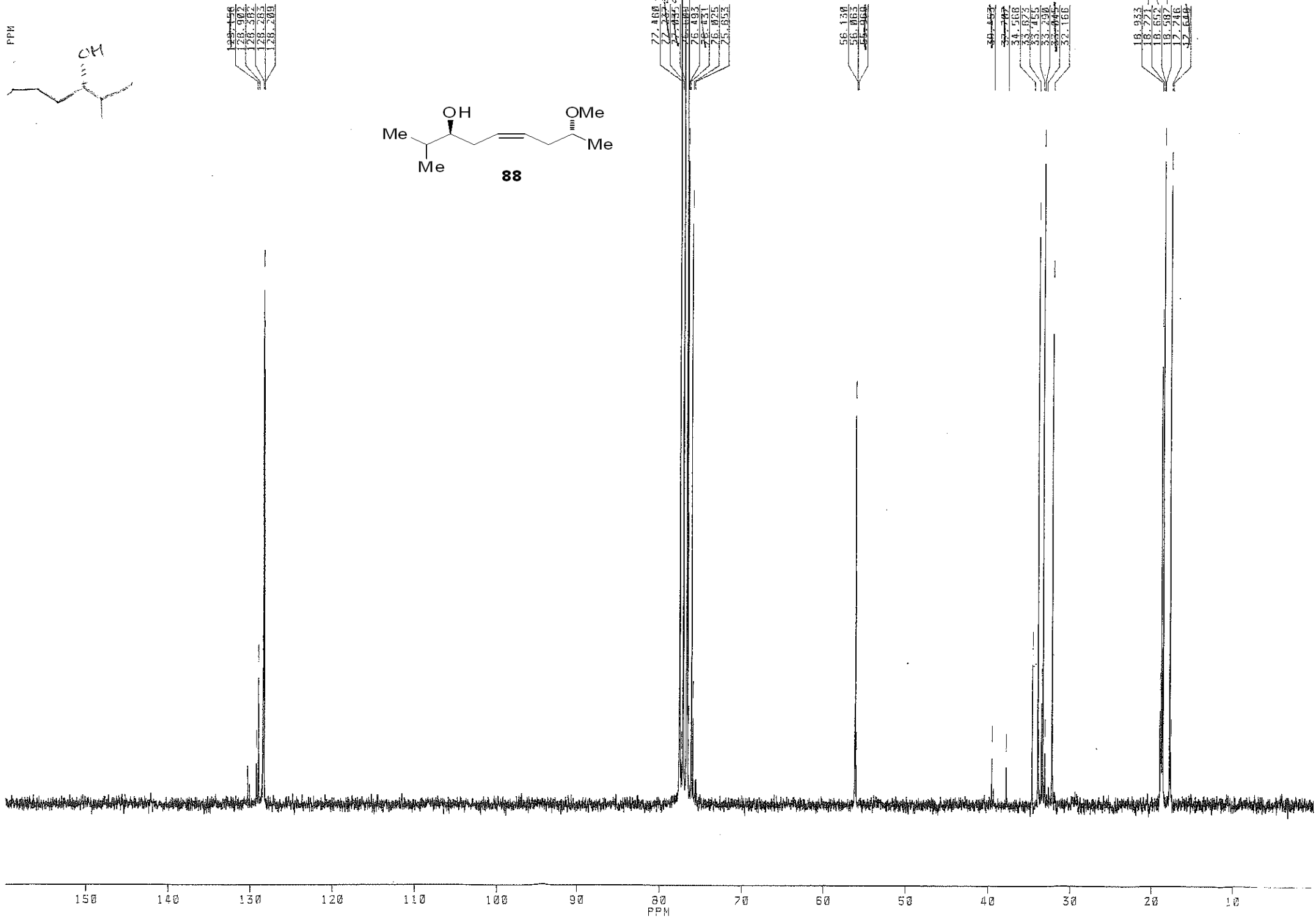
SF
O1
SI
TD
SW

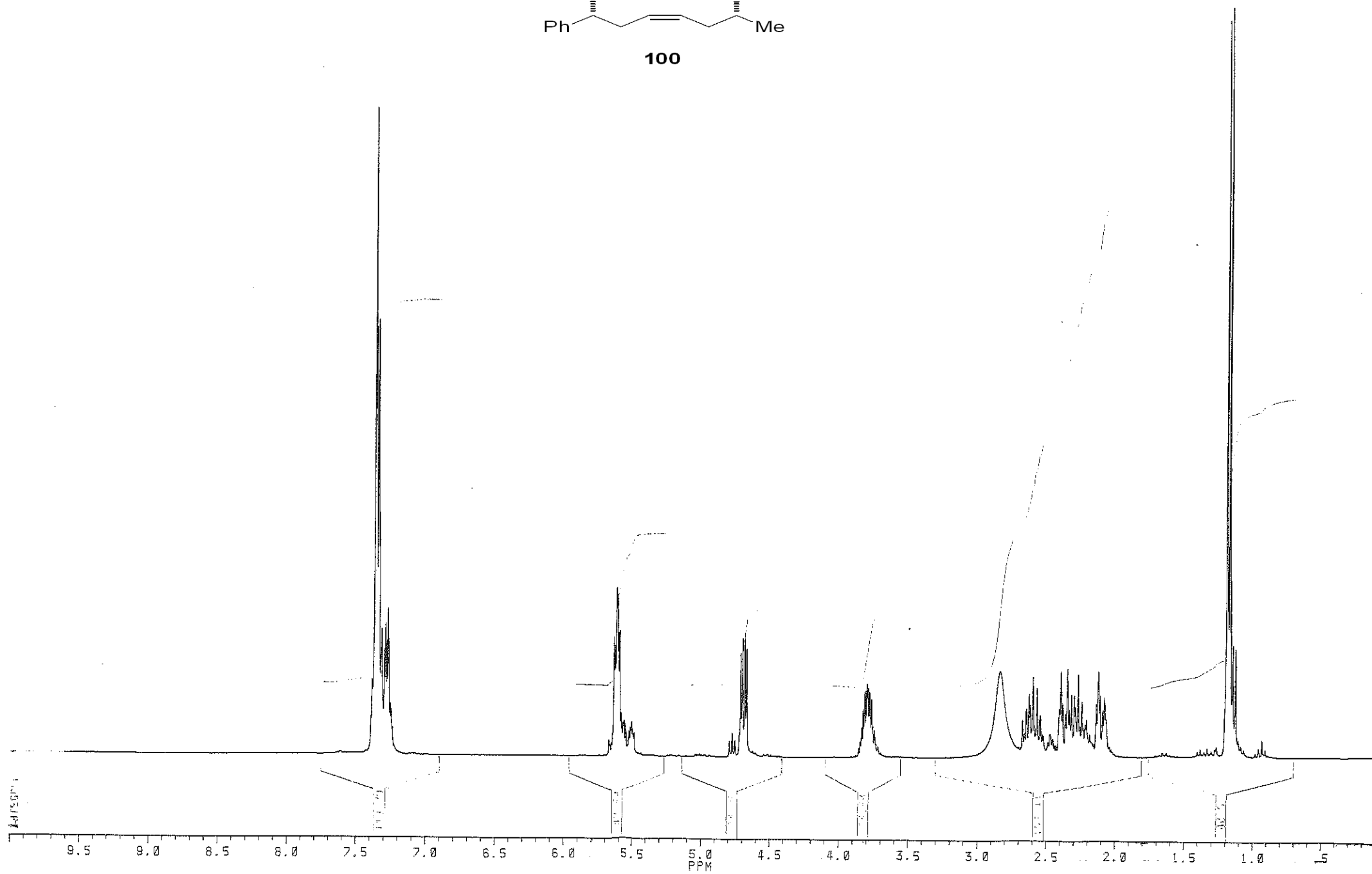
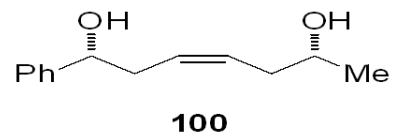
PW
RD
AQ
RG
NS

O2
DP

LB
CY
SR







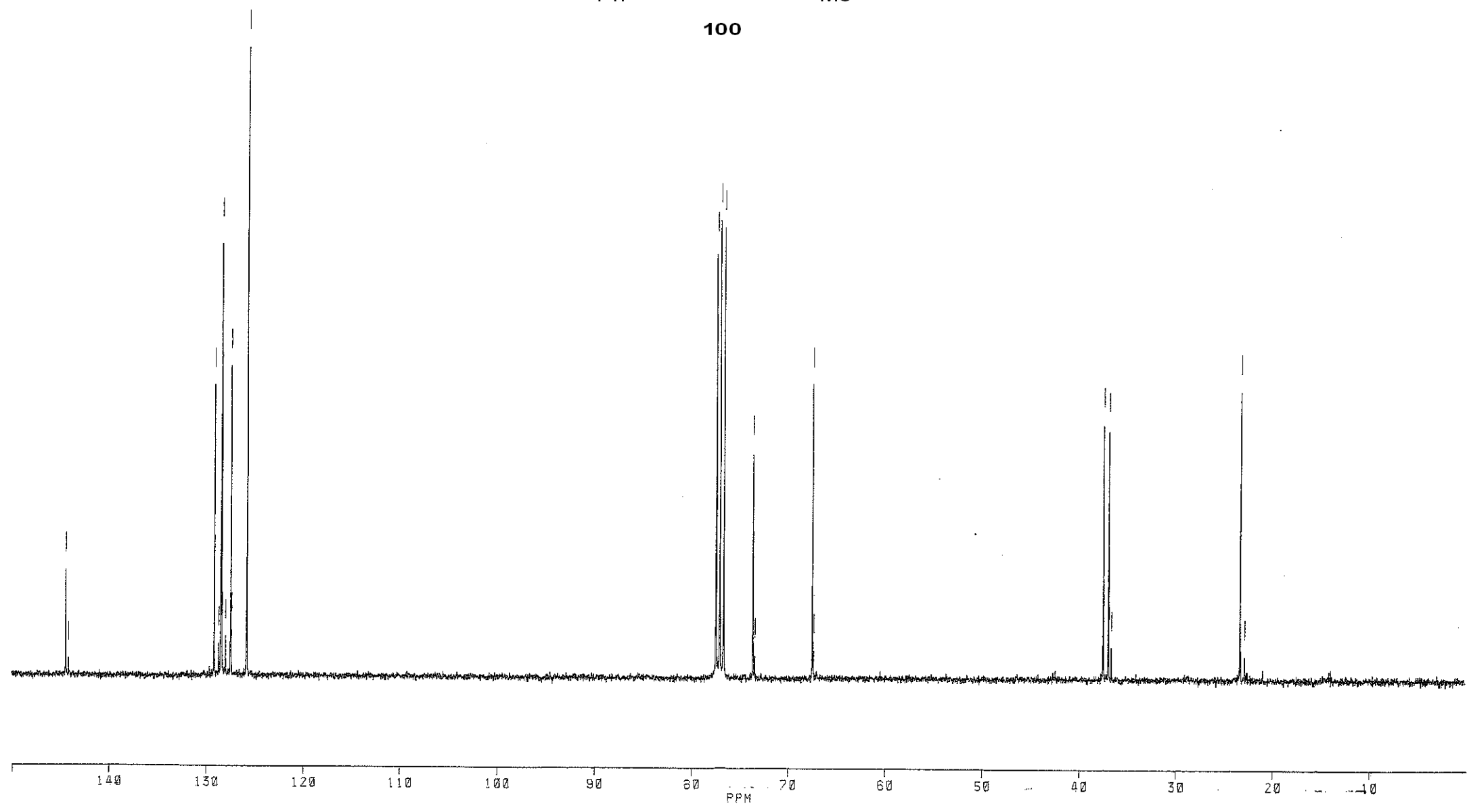
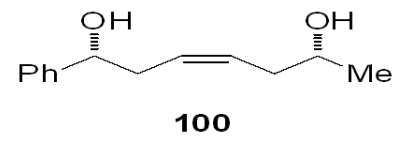
PPM

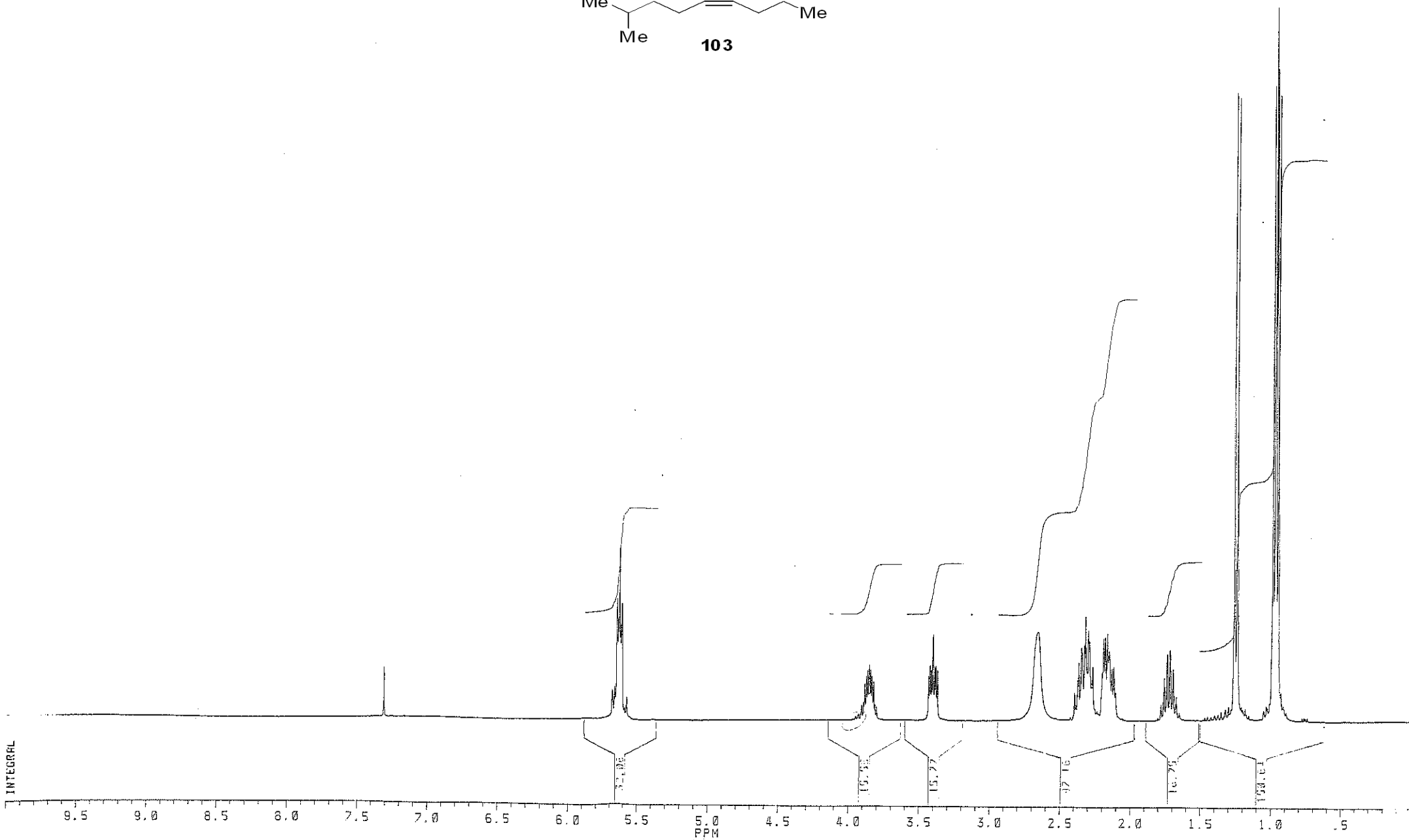
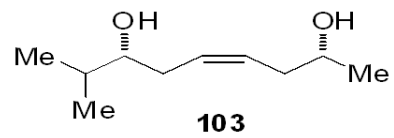
144.462
144.163
129.127
128.647
128.613
128.580
127.882
127.849
127.802
125.791

77.467
77.447
76.622
73.506
73.397
67.420
67.316

37.494
36.976
36.669

23.327
22.878



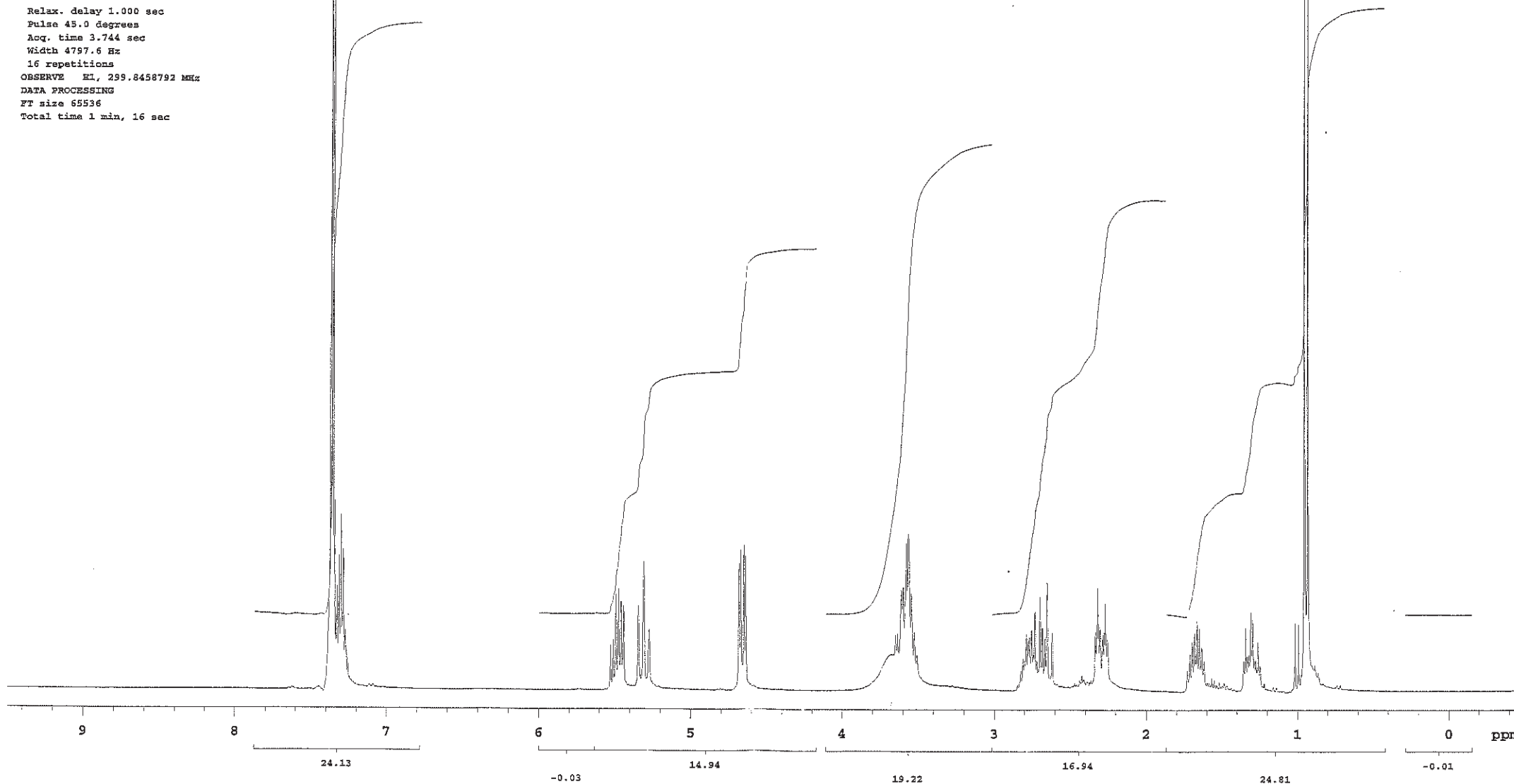
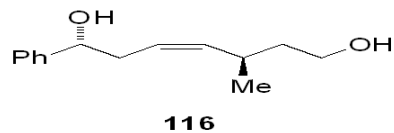


smacc-02-52
STANDARD 1H OBSERVE

Automation directory: /data/nmrdata/Oct03
File: 1801

Pulse Sequence: s2pul
Solvent: cdcl3
Ambient temperature
Sample #18
File: 1801
INOVA-300 "ratty"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 3.744 sec
Width 4797.6 Hz
16 repetitions
OBSERVE E1, 299.8458792 MHz
DATA PROCESSING
FT size 65536
Total time 1 min, 16 sec

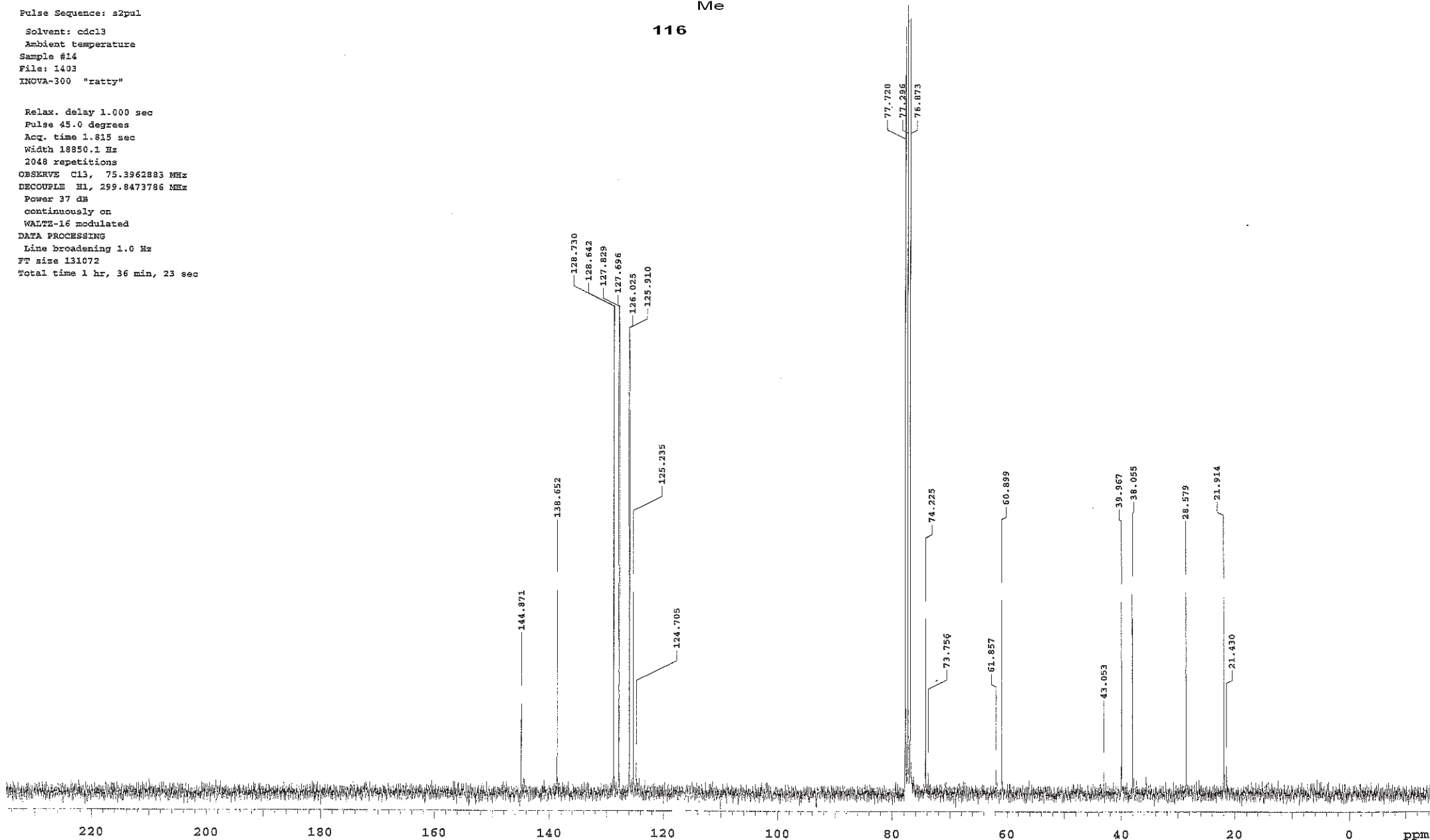
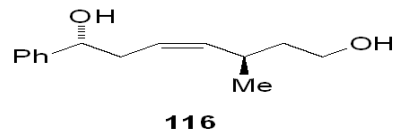


smacc-02-04
STANDARD 1H OBSERVE

Automation directory: /data/mmrdata/Jun26
File : 1403

Pulse Sequence: s2pul
Solvent: cdcl3
Ambient temperature
Sample #14
File: 1403
INNOVA-300 "ratty"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.815 sec
Width 18850.1 Hz
2048 repetitions
OBSERVE C13, 75.2962883 MHz
DECOUPLE H1, 299.8473786 MHz
Power 37 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 1.0 Hz
FT size 131072
Total time 1 hr, 36 min, 23 sec



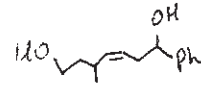
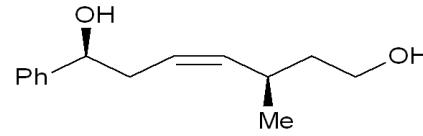
smacc-02-62
STANDARD 1H OBSERVE

Automation directory: /data/nmrdata/Oct27
File : 3501

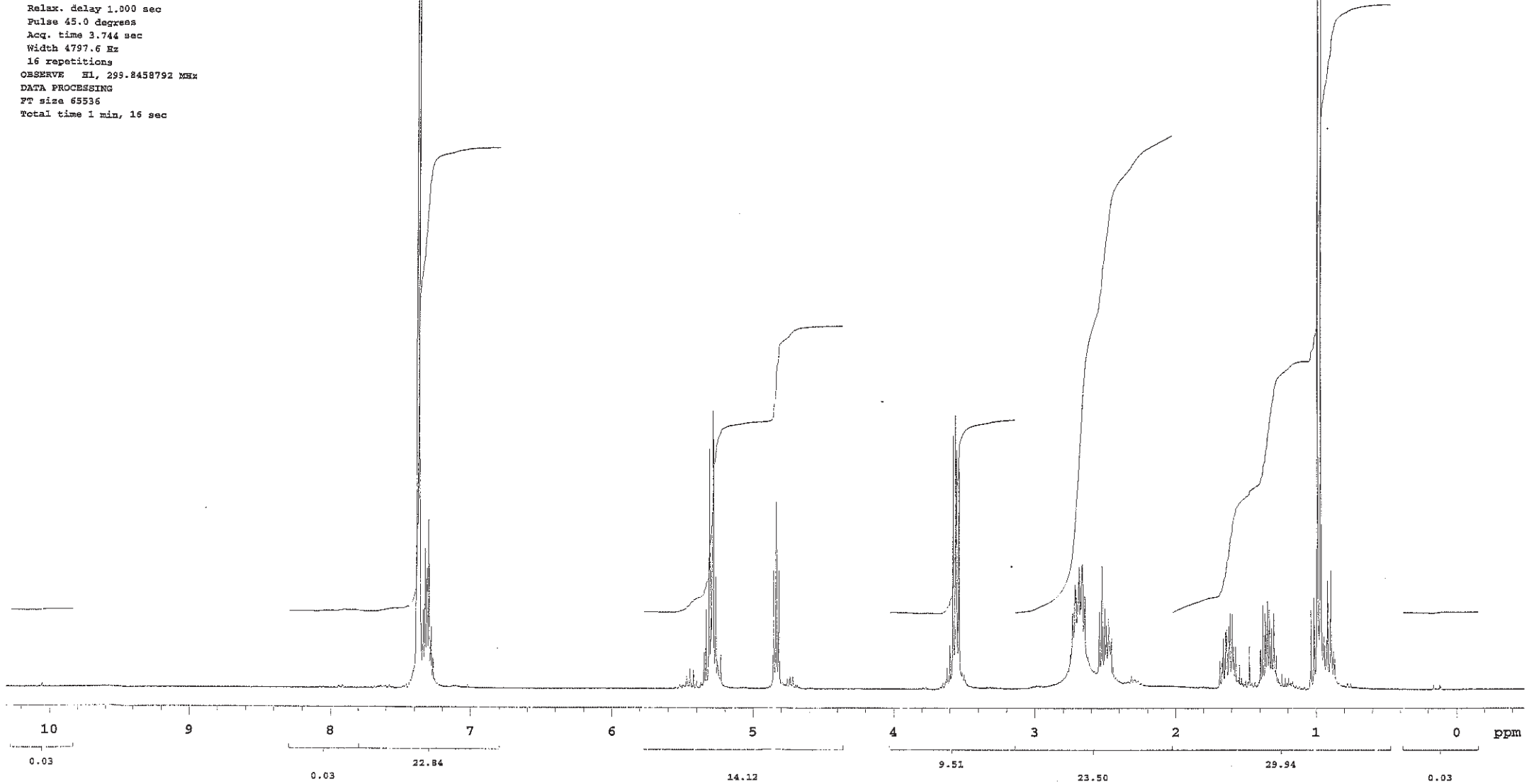
Pulse Sequence: s2pul

Solvent: cdcl3
Ambient temperature
Sample #35
File: 3501
INNOVA-300 "ratty"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 3.744 sec
Width 4797.6 Hz
16 repetitions
OBSERVE H1, 299.8458792 MHz
DATA PROCESSING
FT size 65536
Total time 1 min, 16 sec



120



smacc-02-62
13C OBSERVE

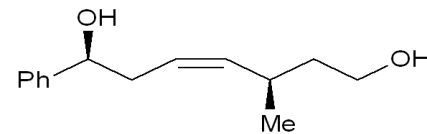
pad=2 run with findz0 before acquisition

Automation directory: /data/nmrdata/Oct27
File : 5001

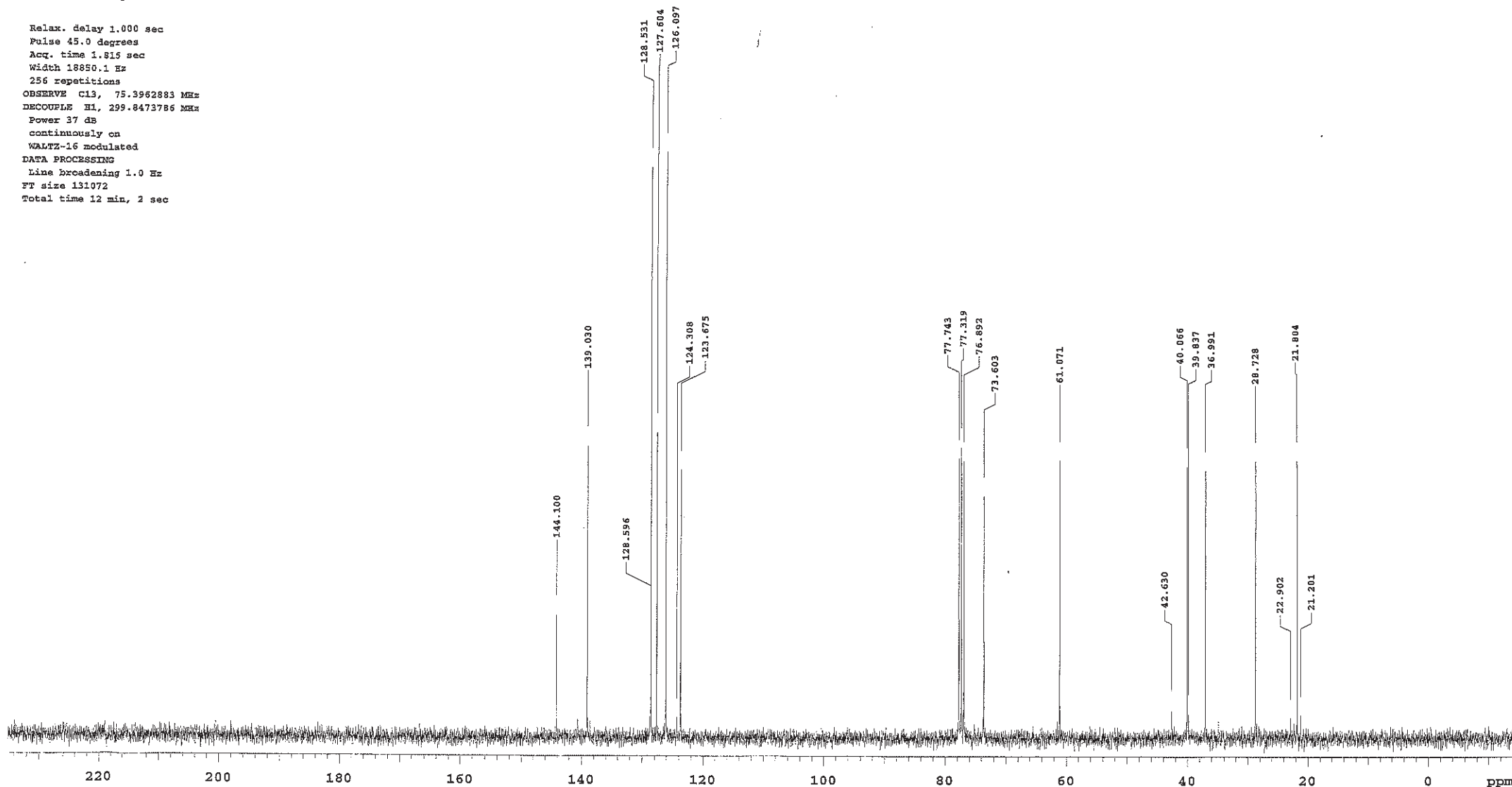
Pulse Sequence: s2pul

Solvent: cdcl3
Ambient temperature
Sample #50
File: 5001
INOVA-300 "ratty"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.816 sec
Width 18850.1 Hz
256 repetitions
OBSERVE C13, 75.3952883 MHz
DECUPLE H1, 299.8473786 MHz
Power 37 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 1.0 Hz
FT size 131072
Total time 12 min, 2 sec



120



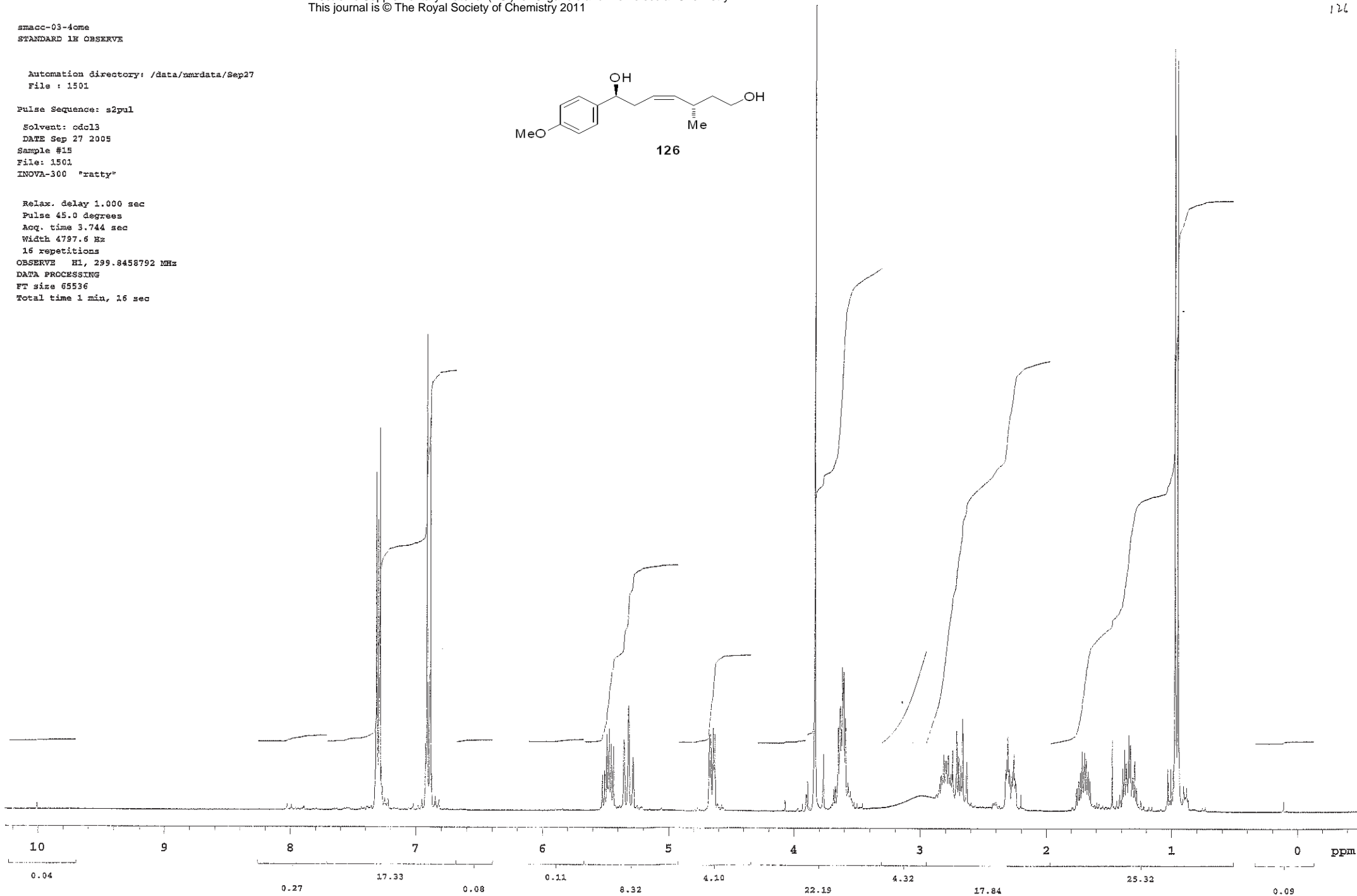
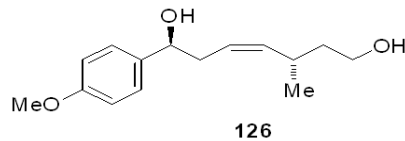
smacc-03-4cme
STANDARD 1H OBSERVE

Automation directory: /data/nmrdata/Sep27
File : 1501

Pulse Sequence: s2pul

Solvent: cdcl3
DATE Sep 27 2009
Sample #15
File: 1501
INOVA-300 "ratty"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 3.744 sec
Width 4797.6 Hz
16 repetitions
OBSERVE H1, 299.8458792 MHz
DATA PROCESSING
FT size 65536
Total time 1 min, 16 sec

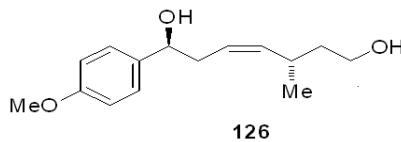


smacc-03-anis
STANDARD 1K OBSERVE

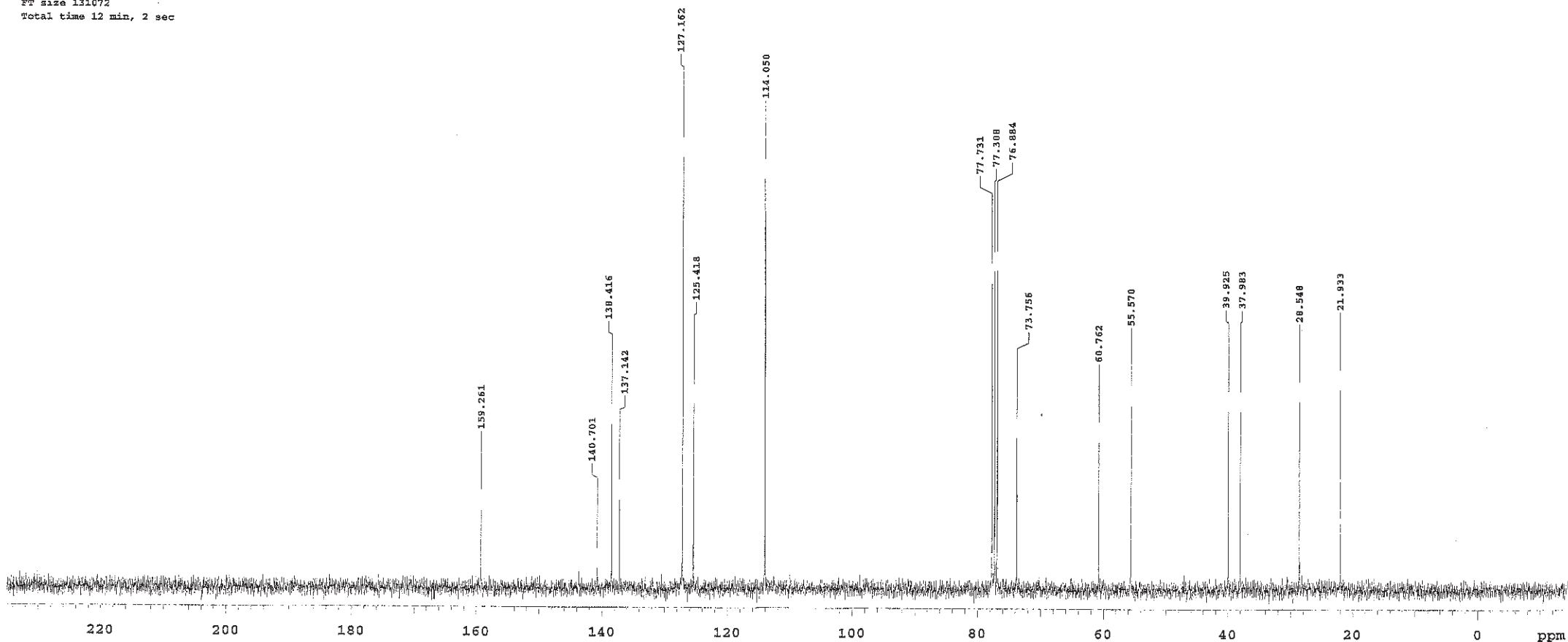
Automation directory: /data/nmrdata/Sep26
File : 0404

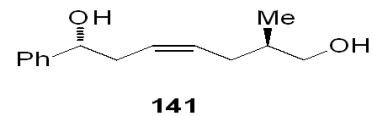
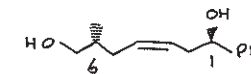
Pulse Sequence: s2pul

Solvent: cdcl3
DATE Sep 27 2005
Sample #4
File: 0404
INOVA-300 "ratty"

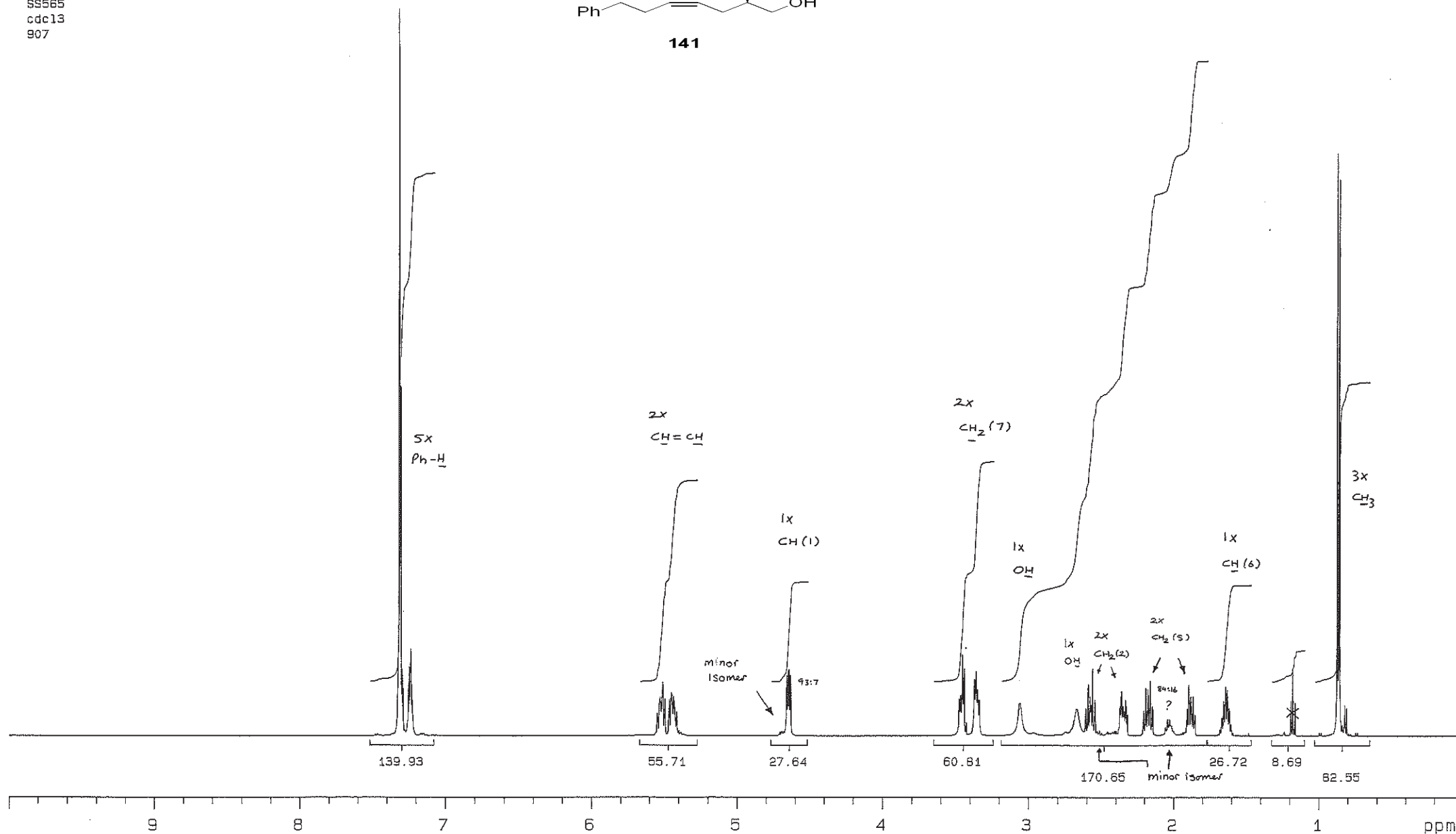


Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.815 sec
Width 18850.1 Hz
256 repetitions
OBSERVE C13, 75.3962883 MHz
DECOUPLE H1, 299.8473788 MHz
Power 37 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 1.0 Hz
FT size 131072
Total time 12 min, 2 sec





S. Stanway
SS565
cdc13
907



PPM

144.445

131.263

128.368

27.468

26.563

25.734

77.516

77.003

76.671

73.776

66.805

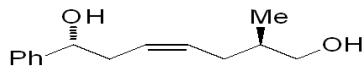
37.582

35.690

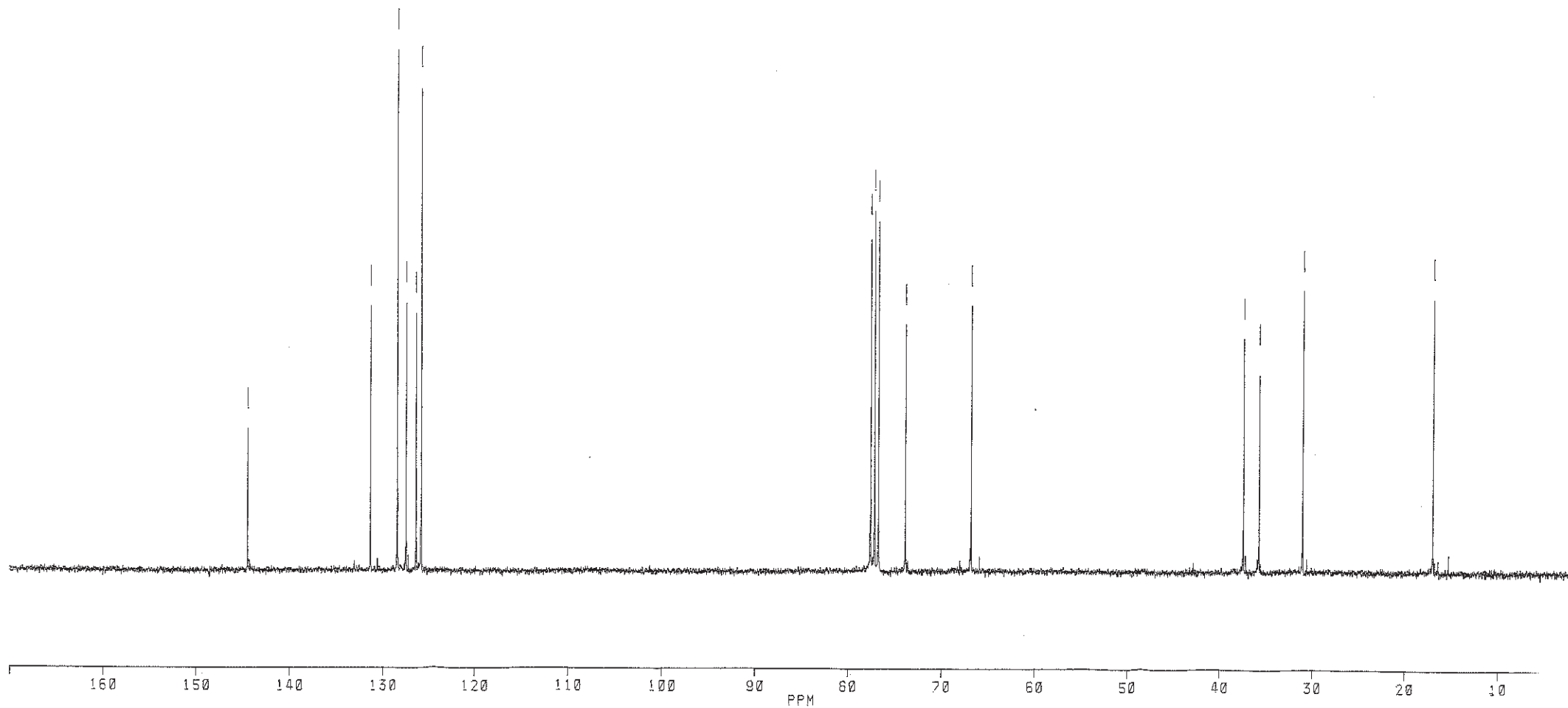
30.978

16.955

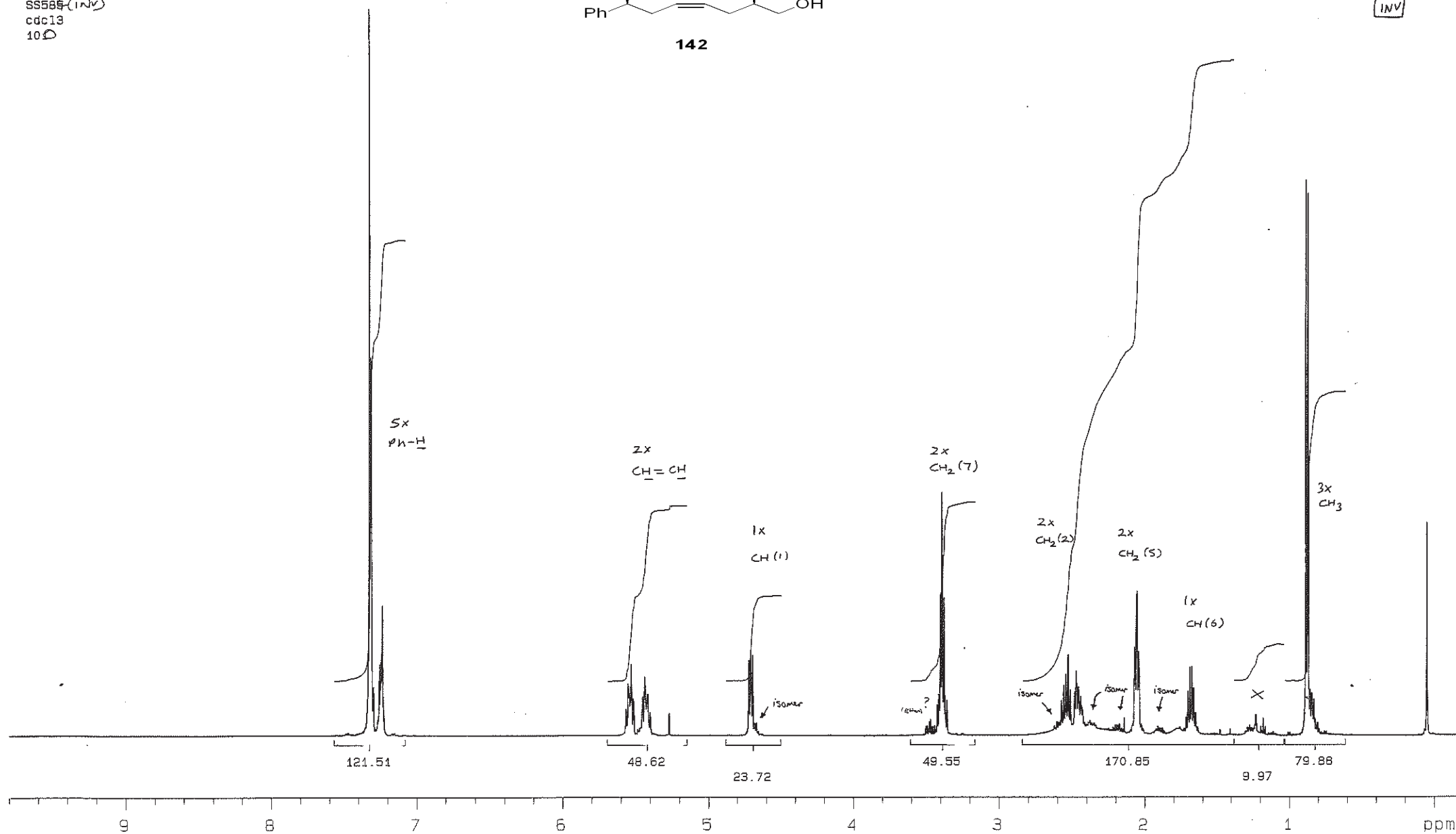
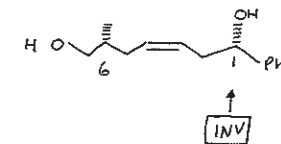
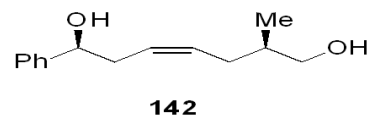
H O



141



S. Stanway
SS585 (INV)
cdc13
10D



PPH

144.375
144.166

131.526
130.652
128.583
127.429
127.152
126.542
126.281
125.810

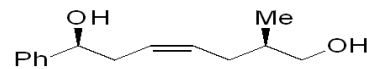
77.481
77.259
77.059
76.837
73.857
73.765
73.520

67.069
66.937

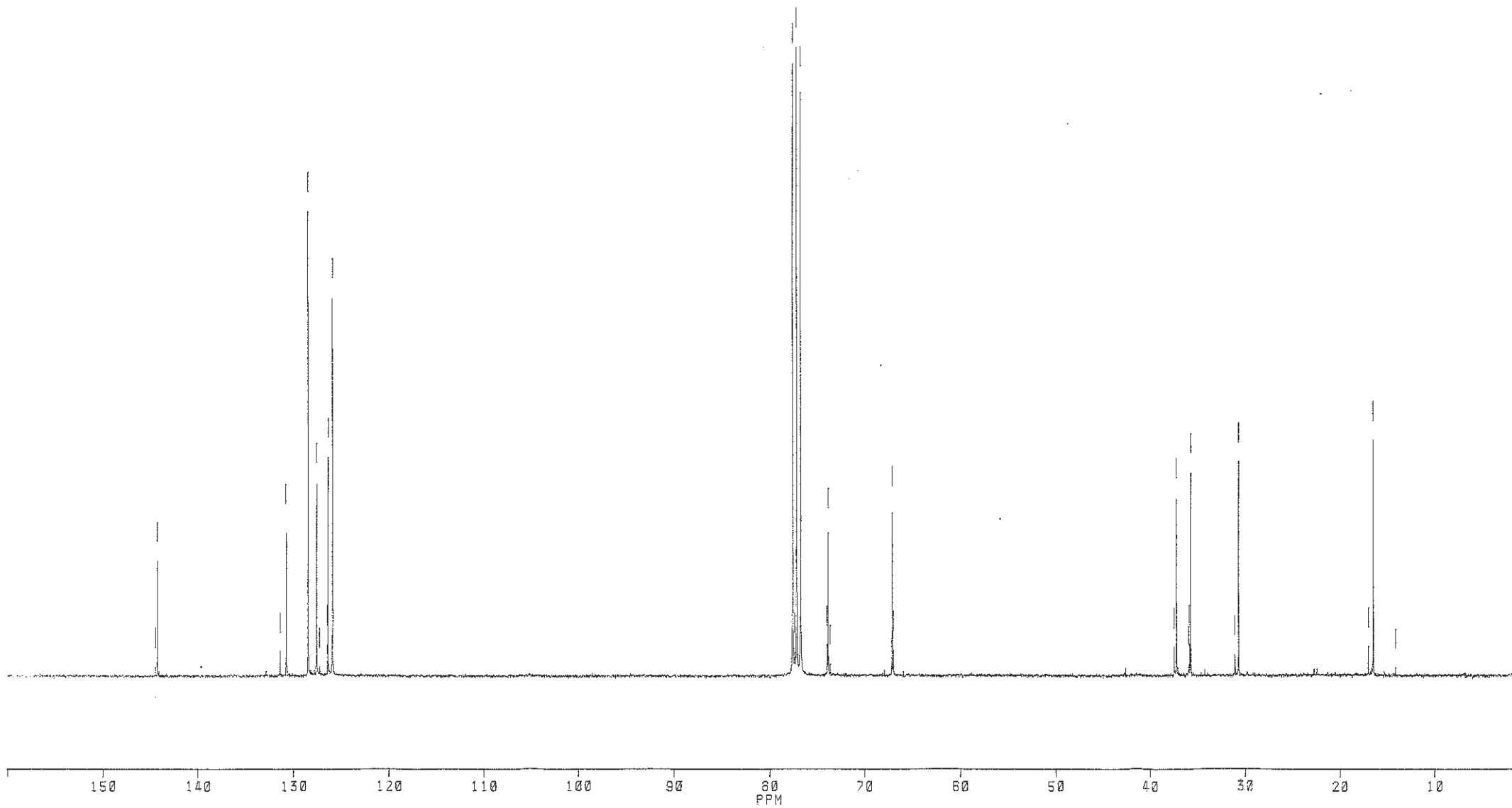
37.583
37.142
35.846
35.749
35.650
30.988
30.685

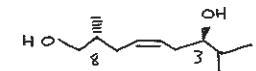
16.921
16.420
14.089

1.045

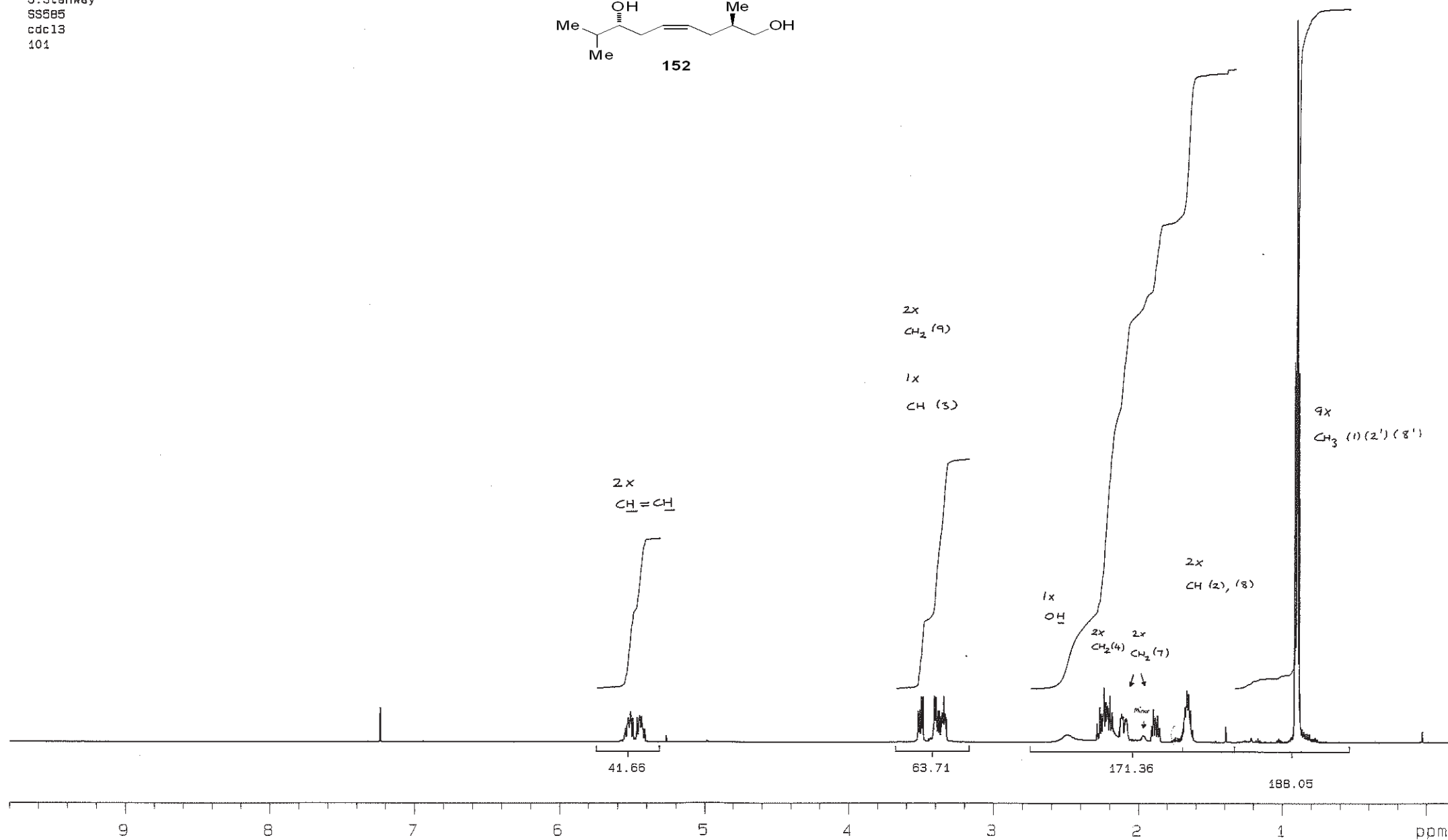
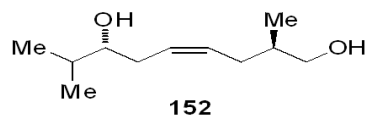


142





S. Stanway
SS585
cdc13
101



PPM

130.990

127.316

77.482

72.063

76.640

76.284

66.783

35.630

35.555

35.275

31.976

30.994

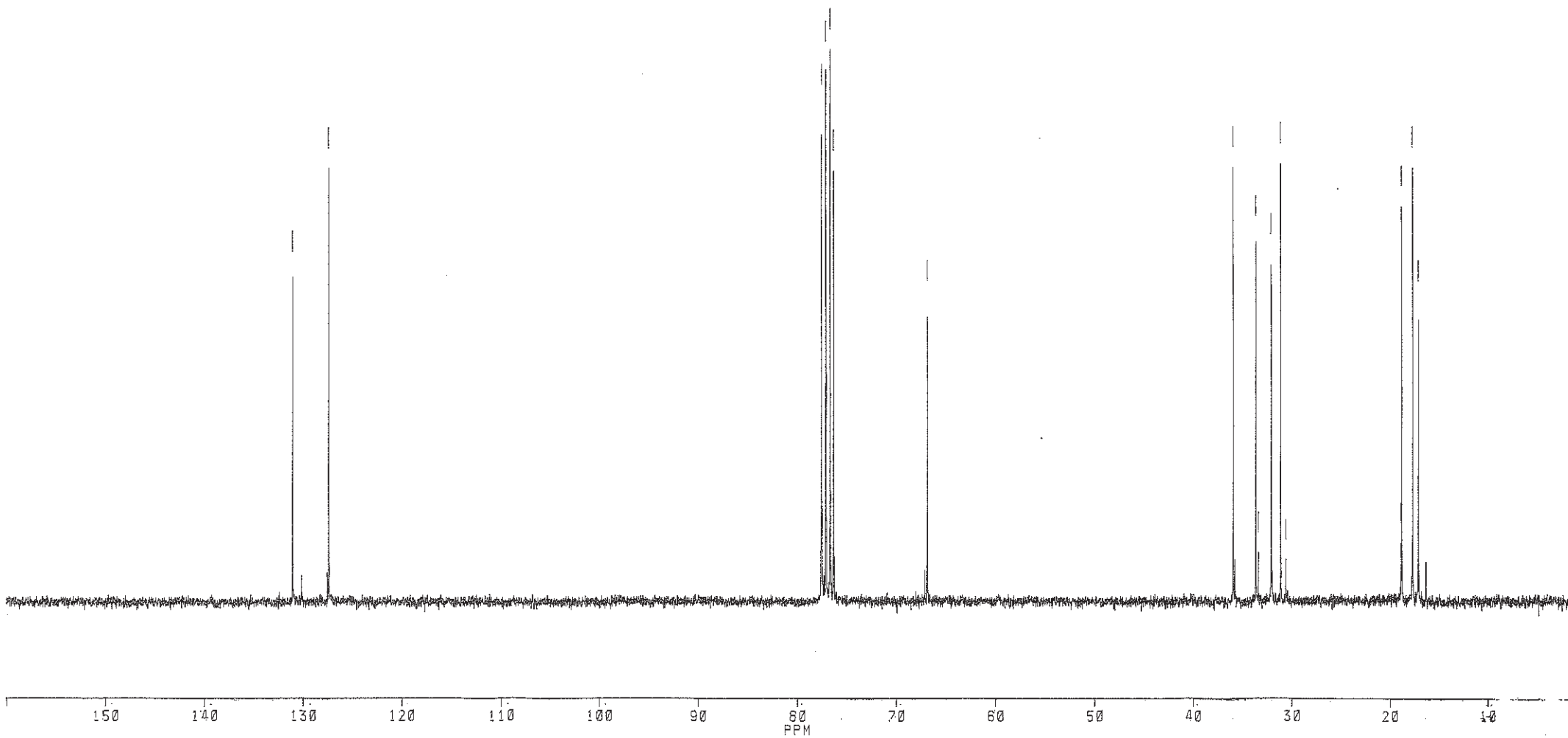
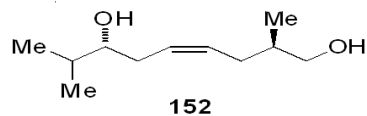
30.476

16.295

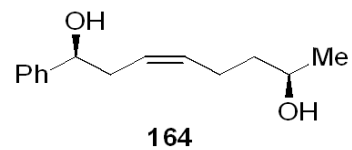
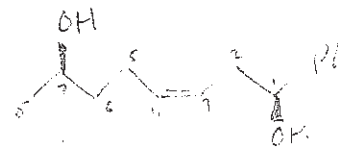
16.232

12.617

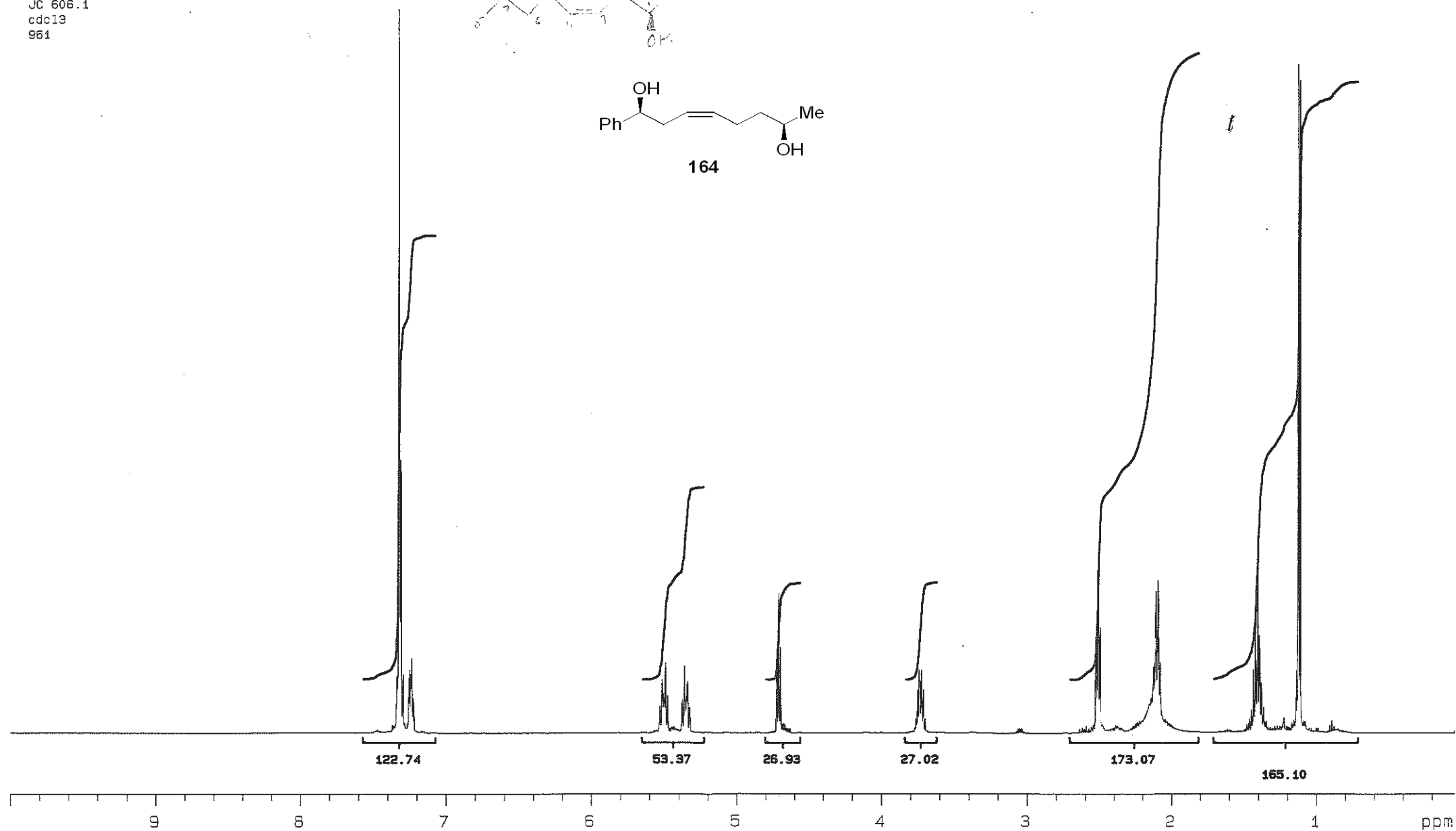
12.641



164

J. Carey
JC 606.1
cdc19
961

164



PPM

144.105

132.962

128.356

127.461

125.670

125.102

77.482

77.066

76.657

73.711

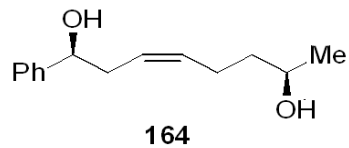
67.532

38.629

37.072

23.877

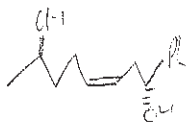
23.601



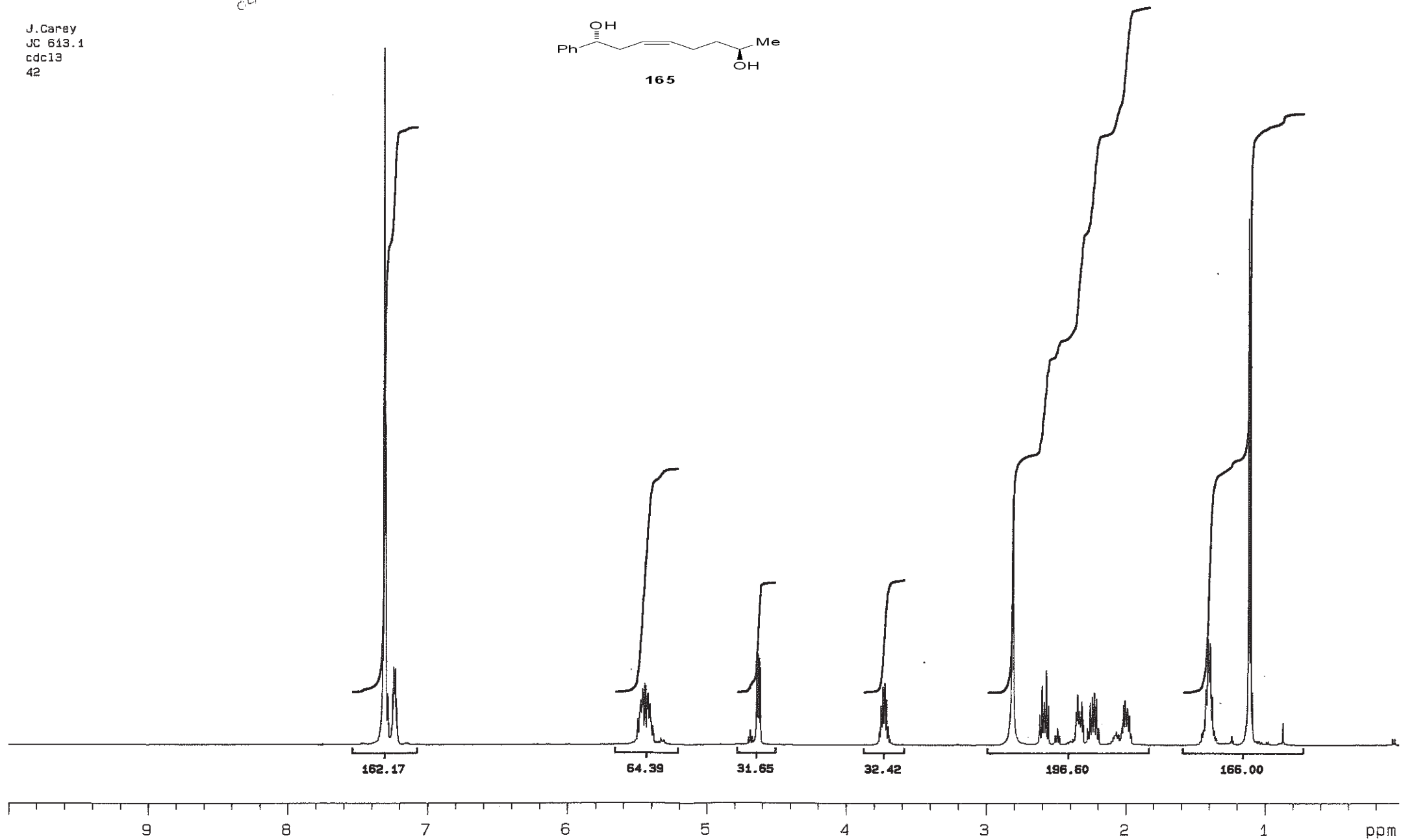
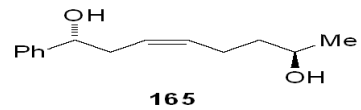
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10

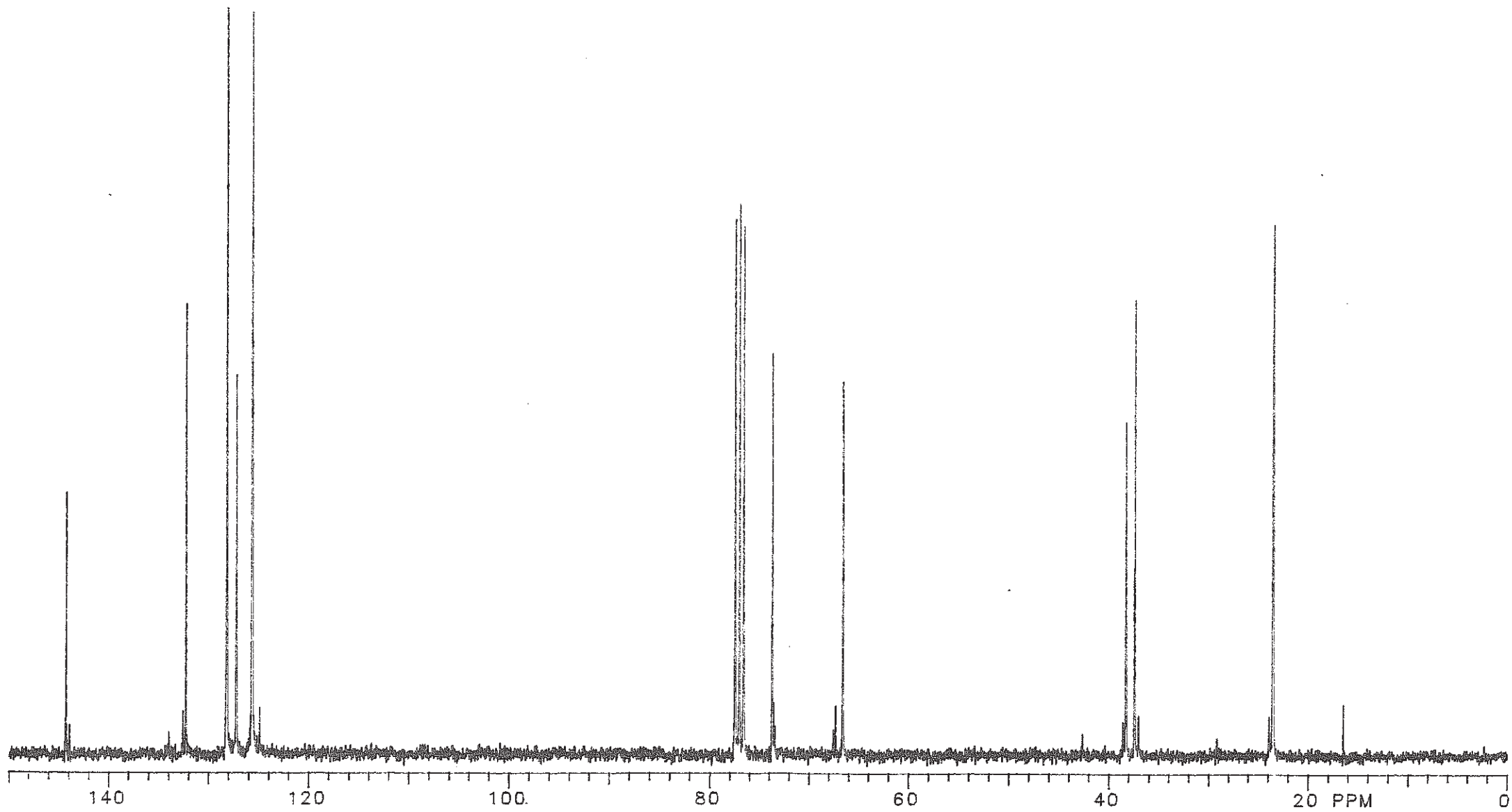
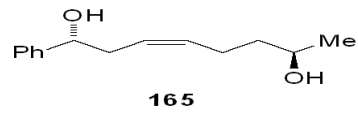
PPM

165

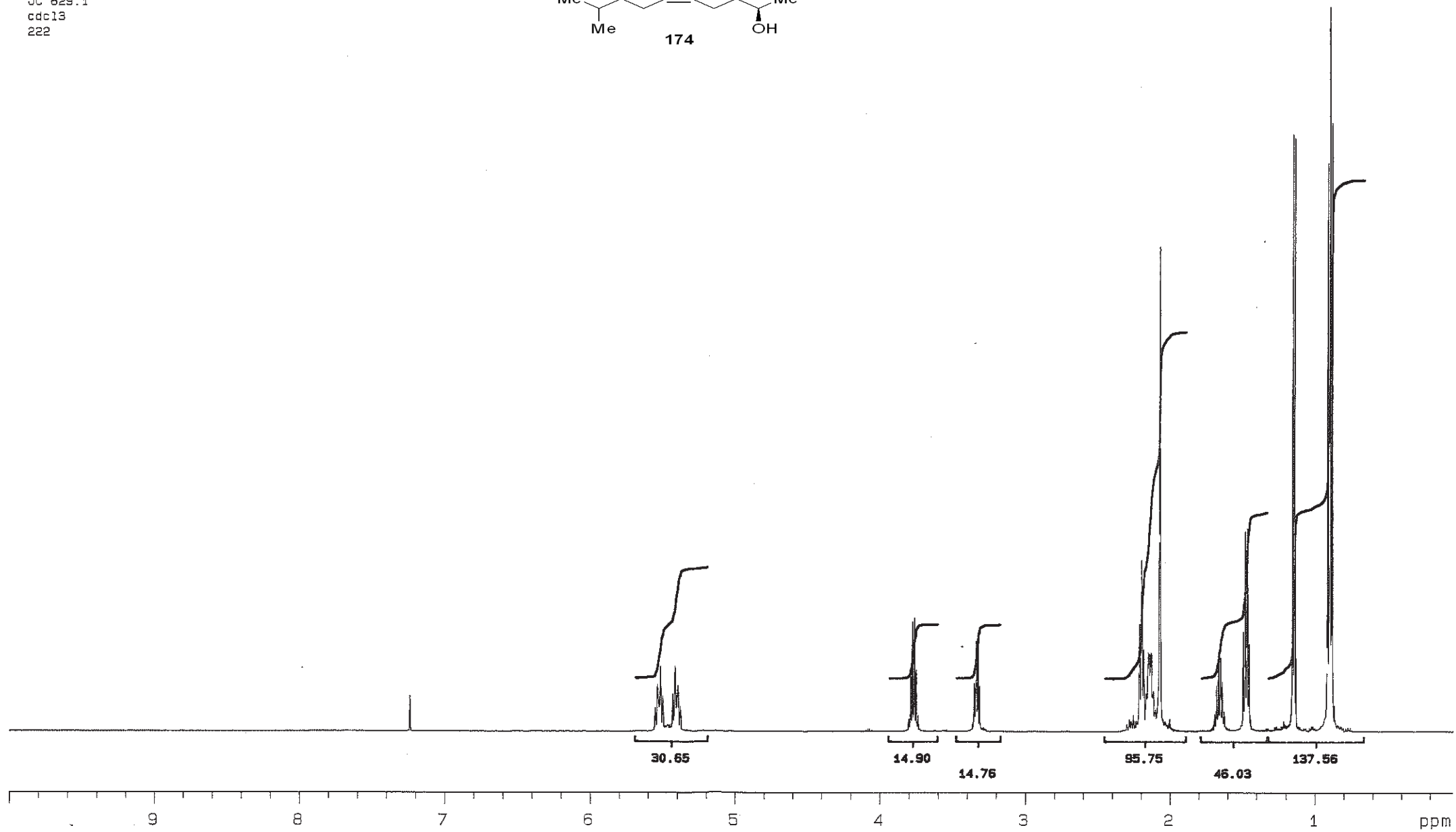
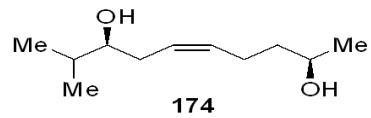


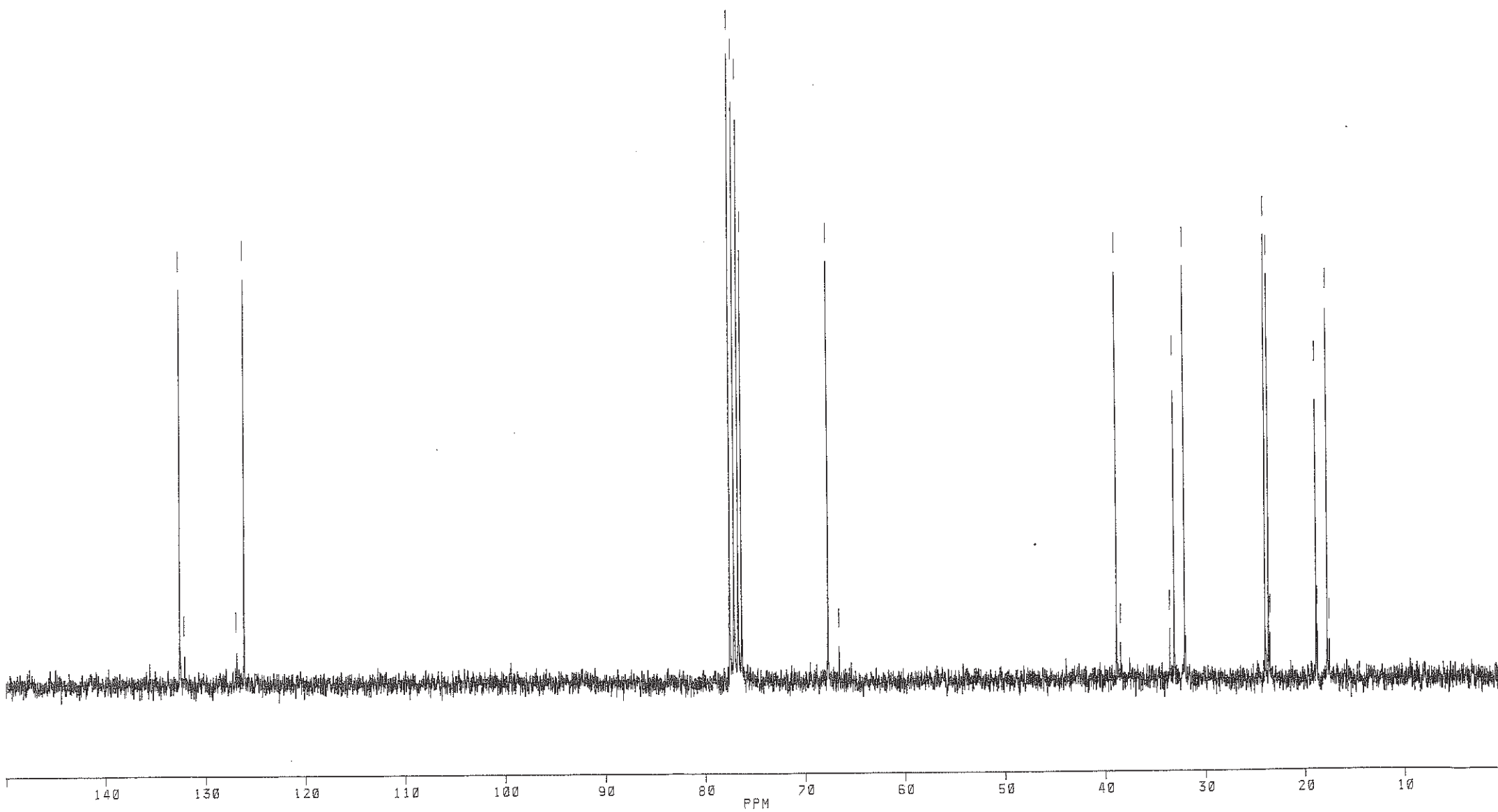
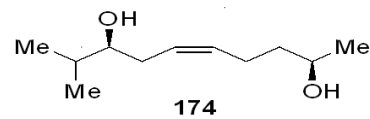
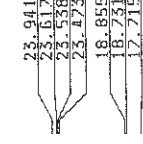
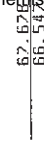
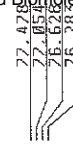
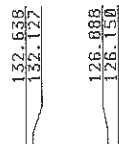
J. Carey
JC 613.1
cdc13
42



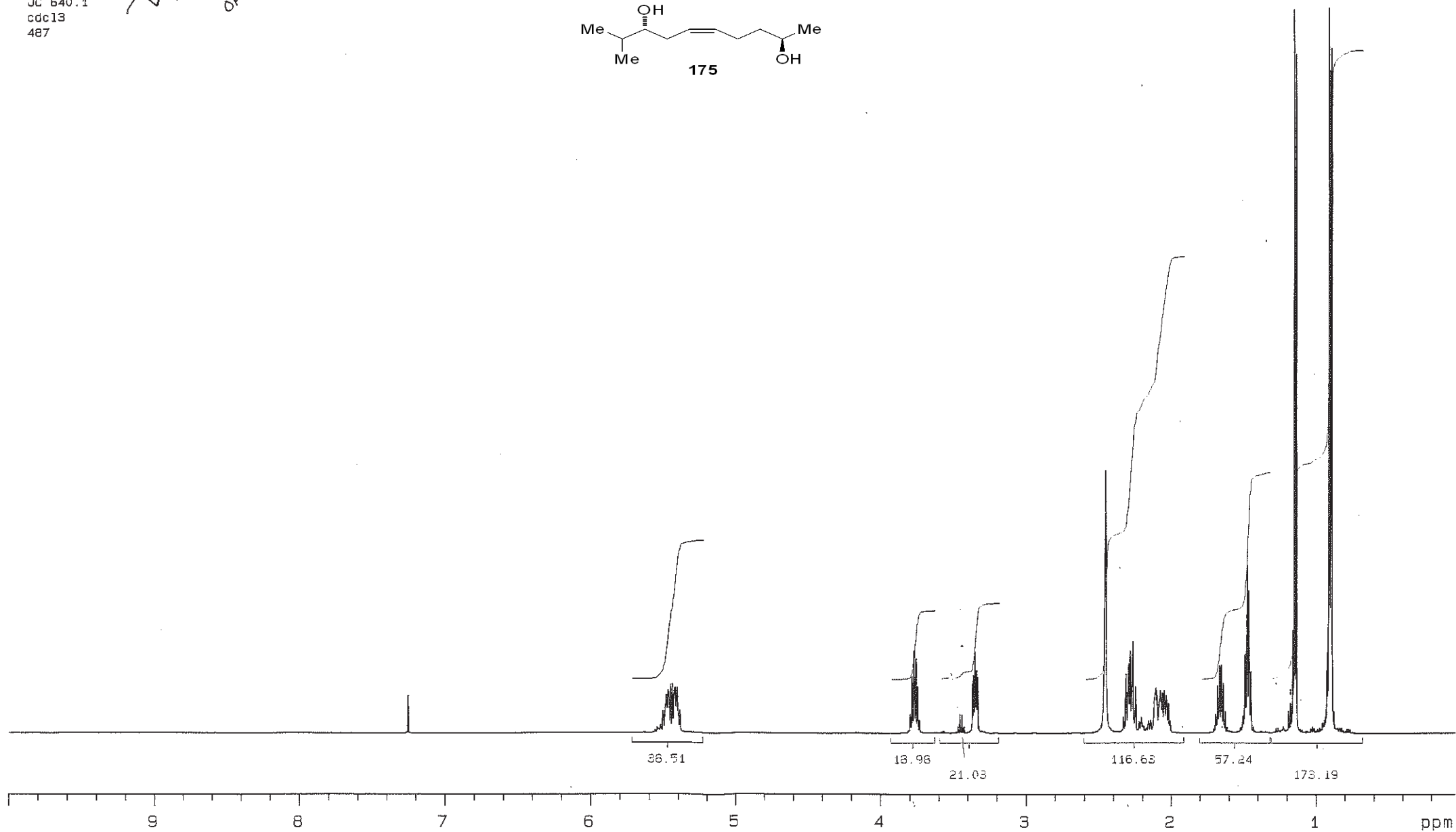
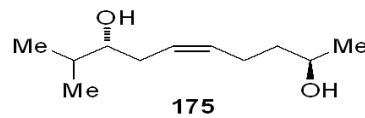
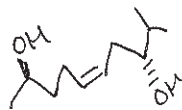


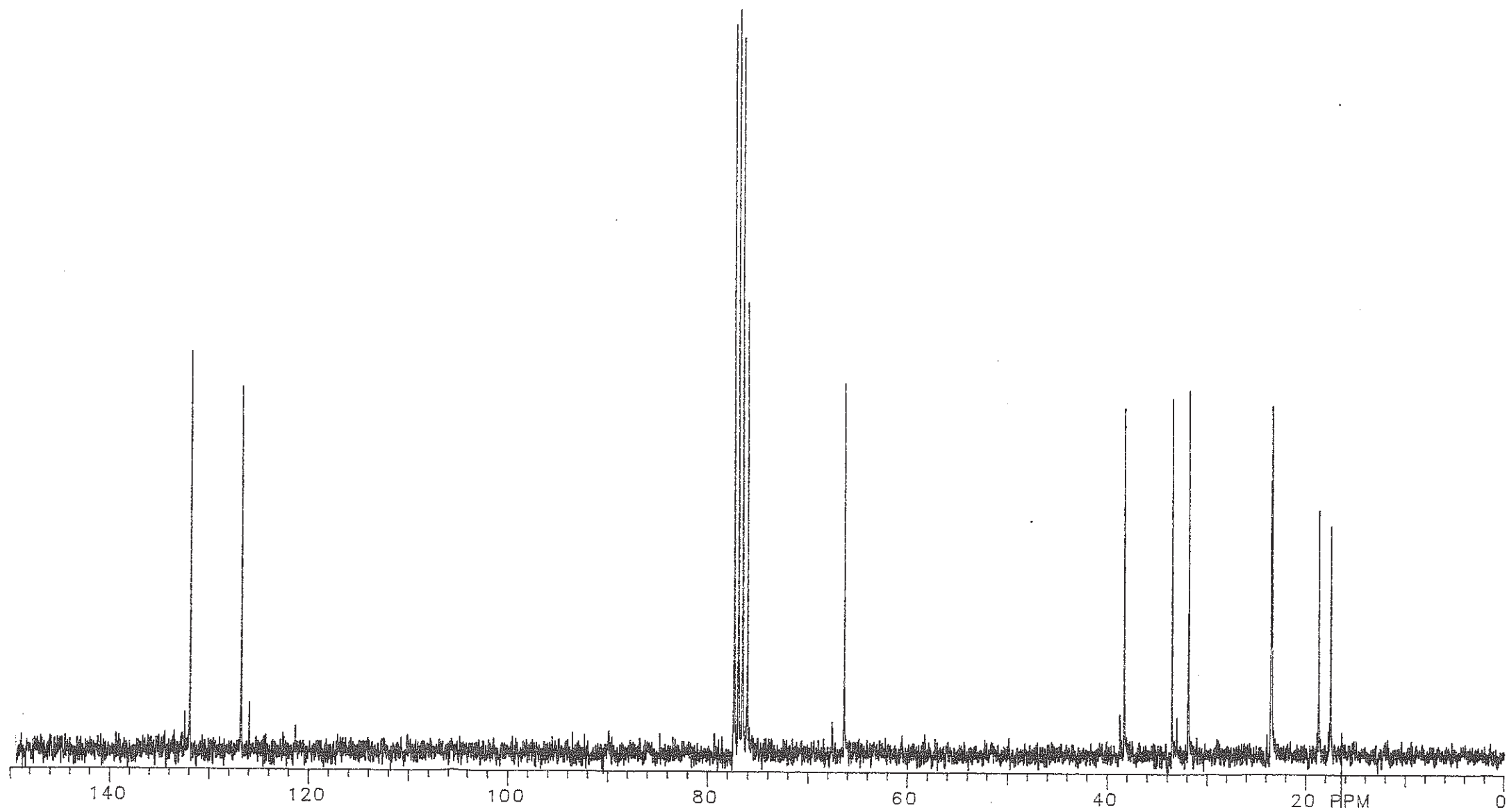
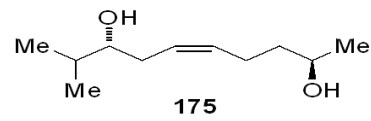
J. Carey
JC 629.1
cdc13
222

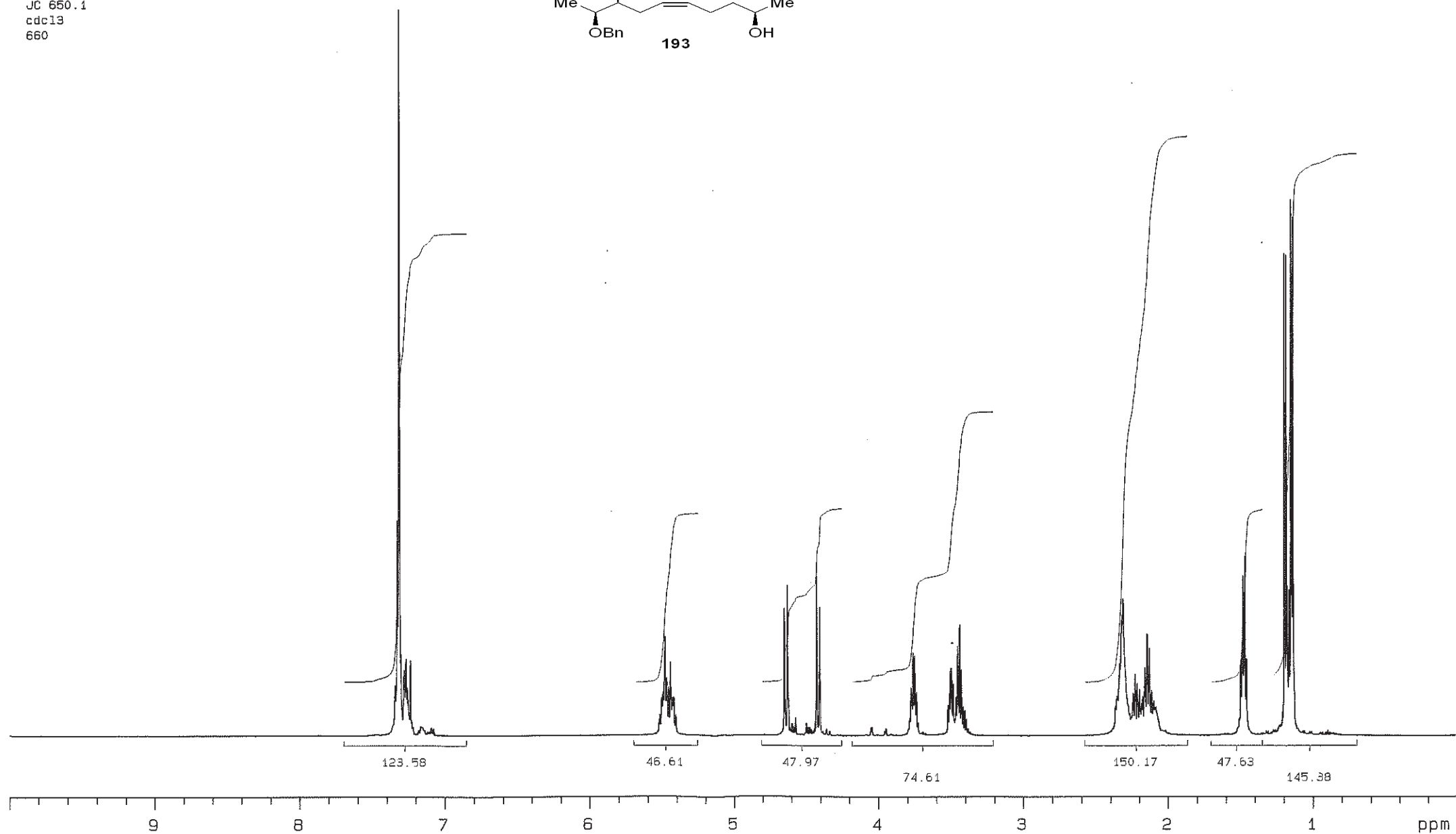
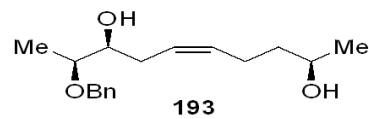


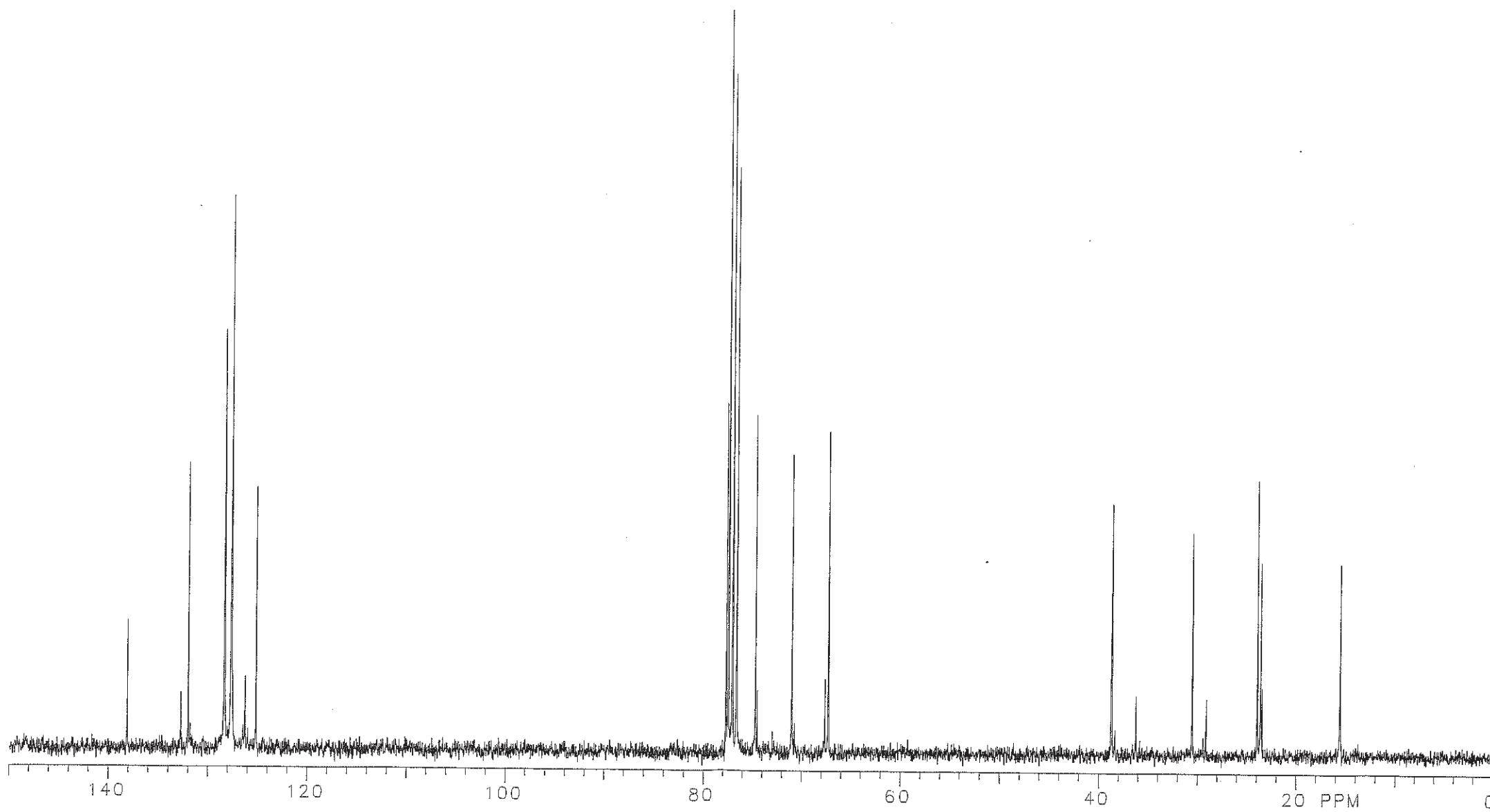
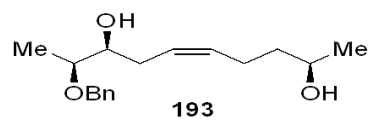


J. Carey
JC 640.1
cdc13
487





J. Carey
JC 650.1
cdc13
660



J. Carey
JC 668.2
cdc13
280

