



**Massachusetts Institute of Technology  
Organic Chemistry 5.13**

September 27, 2006  
Prof. Timothy F. Jamison

**Notes for Lecture #9  
Organic Structure Determination**

**The structures of the compounds corresponding to the spectra and data on the following pages are (fill in the blanks):**

**8-A**

**8-F**

**8-B**

**8-G**

**8-C**

**8-H**

**8-D**

**8-E**

Graphs removed due to copyright restrictions. Please see:  
[http://www.aist.go.jp/RIODB/SDBS/cgi-bin/direct\\_frame\\_top.cgi?lang=eng](http://www.aist.go.jp/RIODB/SDBS/cgi-bin/direct_frame_top.cgi?lang=eng)

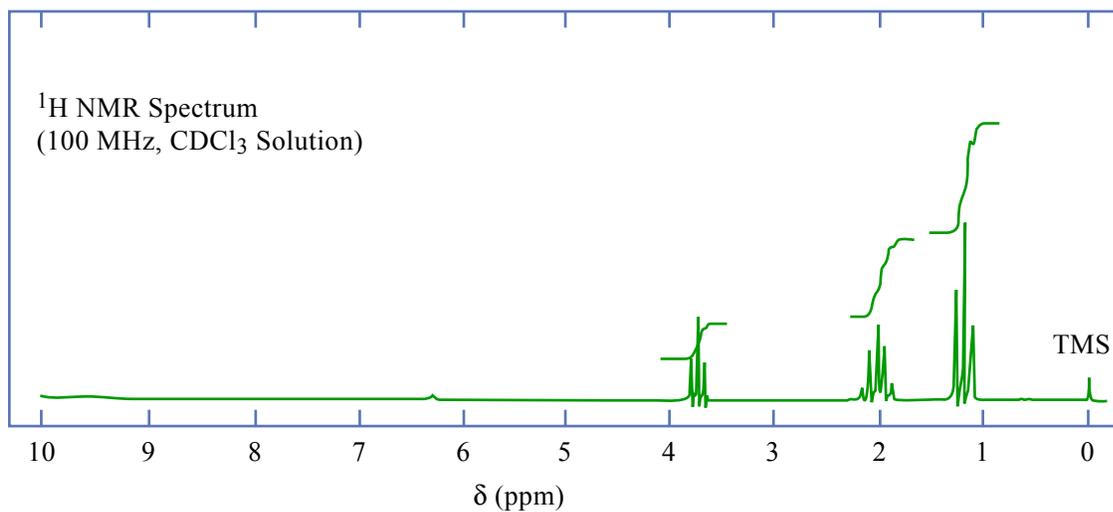
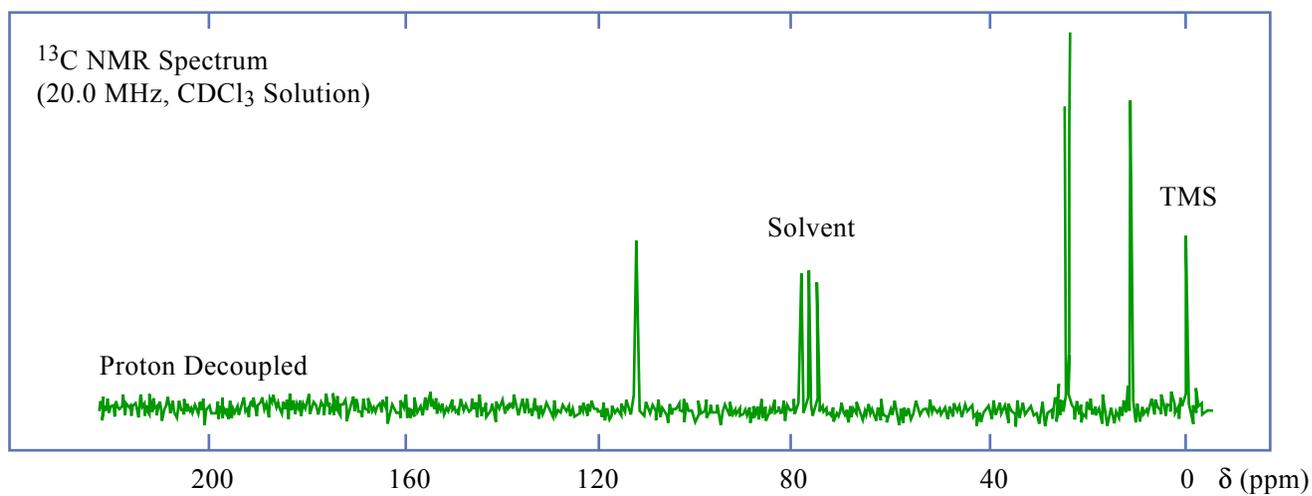
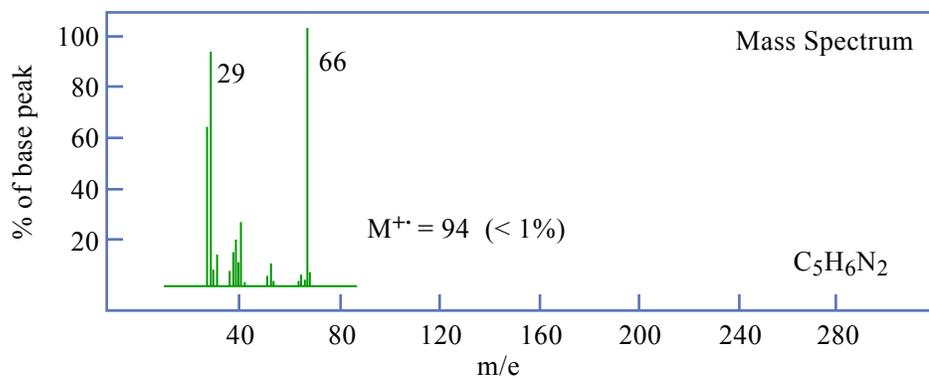
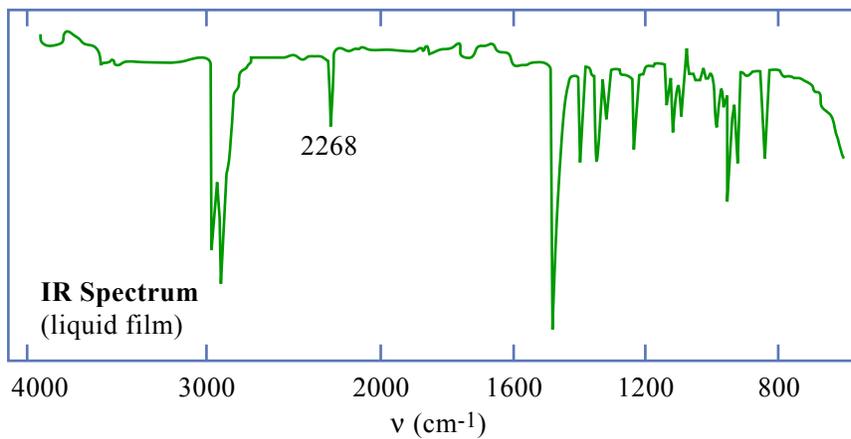
Graphs removed due to copyright restrictions. Please see:  
[http://www.aist.go.jp/RIODB/SDBS/cgi-bin/direct\\_frame\\_top.cgi?lang=eng](http://www.aist.go.jp/RIODB/SDBS/cgi-bin/direct_frame_top.cgi?lang=eng)

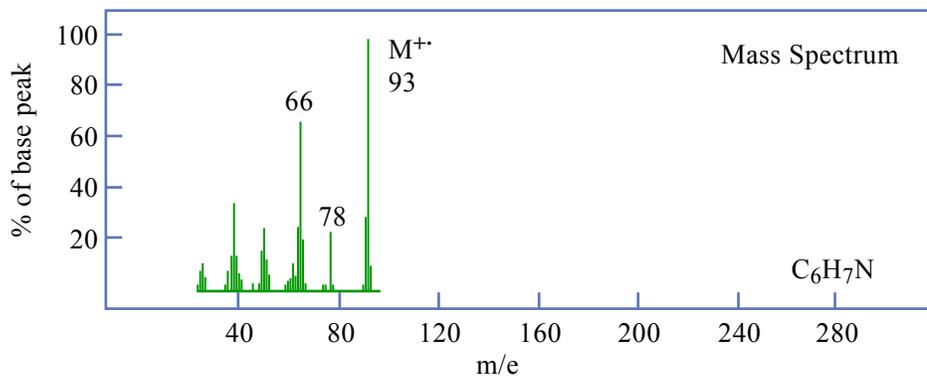
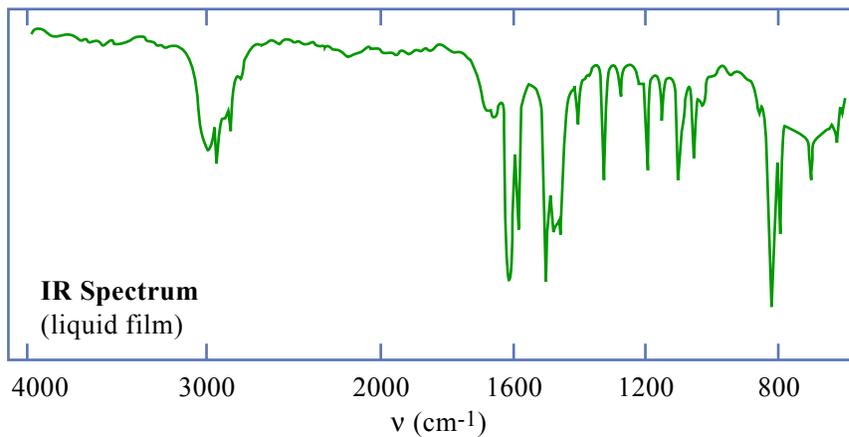
Graphs removed due to copyright restrictions. Please see:  
[http://www.aist.go.jp/RIODB/SDBS/cgi-bin/direct\\_frame\\_top.cgi?lang=eng](http://www.aist.go.jp/RIODB/SDBS/cgi-bin/direct_frame_top.cgi?lang=eng)

Graphs removed due to copyright restrictions. Please see:  
[http://www.aist.go.jp/RIODB/SDBS/cgi-bin/direct\\_frame\\_top.cgi?lang=eng](http://www.aist.go.jp/RIODB/SDBS/cgi-bin/direct_frame_top.cgi?lang=eng)

Graphs removed due to copyright restrictions. Please see:  
[http://www.aist.go.jp/RIODB/SDBS/cgi-bin/direct\\_frame\\_top.cgi?lang=eng](http://www.aist.go.jp/RIODB/SDBS/cgi-bin/direct_frame_top.cgi?lang=eng)

Graphs removed due to copyright restrictions. Please see:  
[http://www.aist.go.jp/RIODB/SDBS/cgi-bin/direct\\_frame\\_top.cgi?lang=eng](http://www.aist.go.jp/RIODB/SDBS/cgi-bin/direct_frame_top.cgi?lang=eng)





UV Spectrum  
 $\lambda_{\max}$  262 nm ( $\log_{10}\epsilon$  3.6)  
Solvent : Methanol

