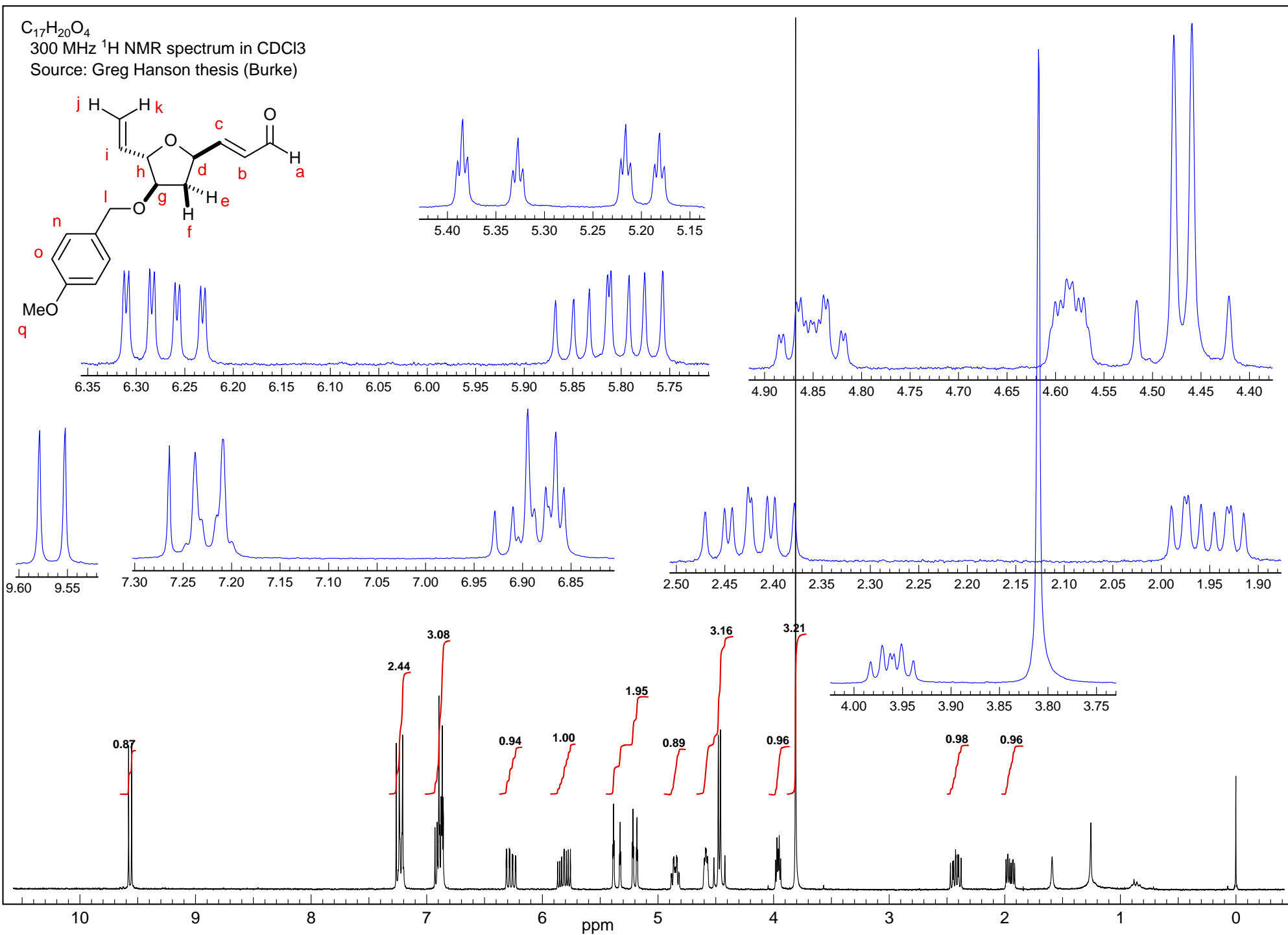
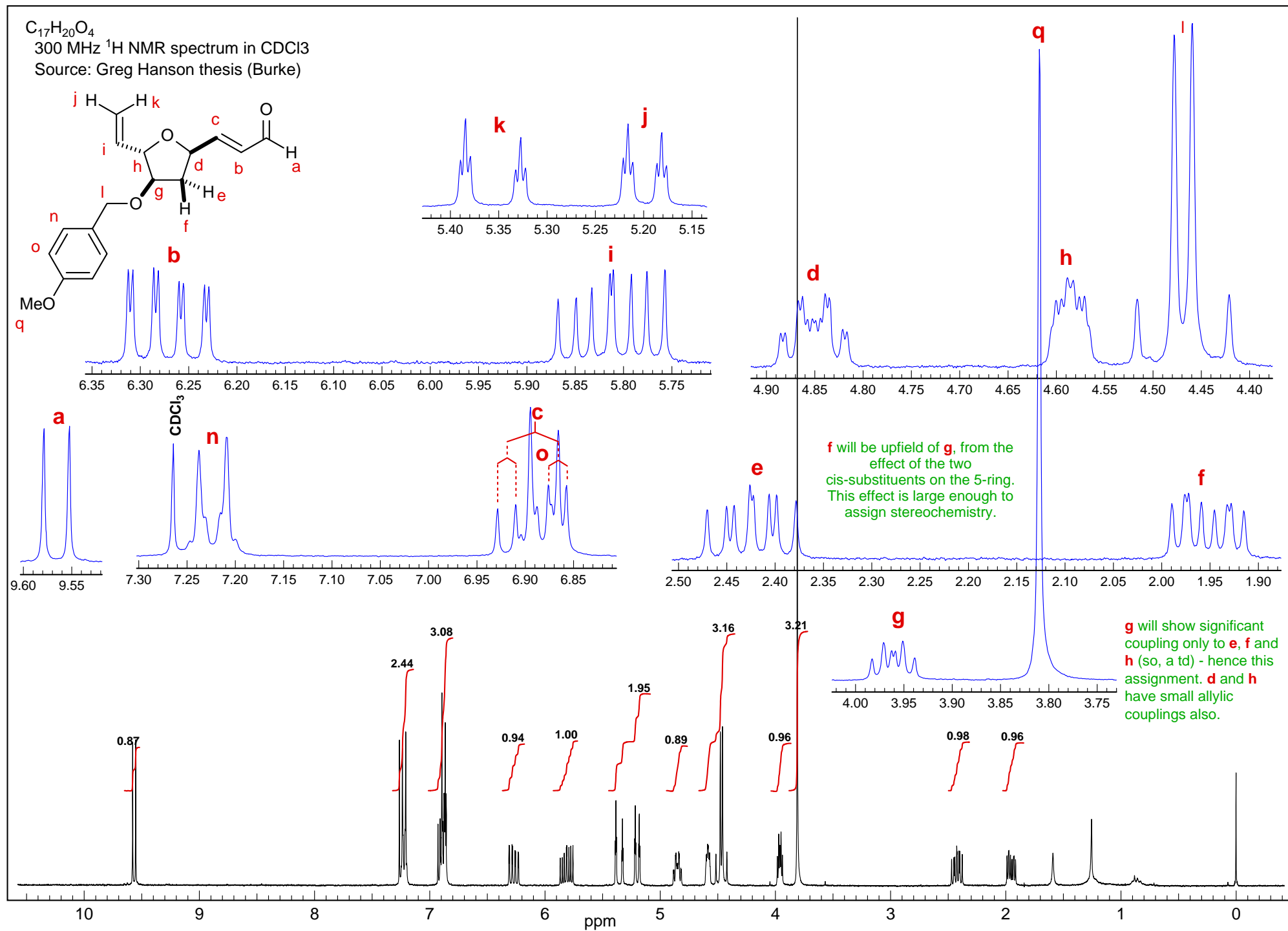


Exercise: Assign all of the protons in the NMR spectrum below.

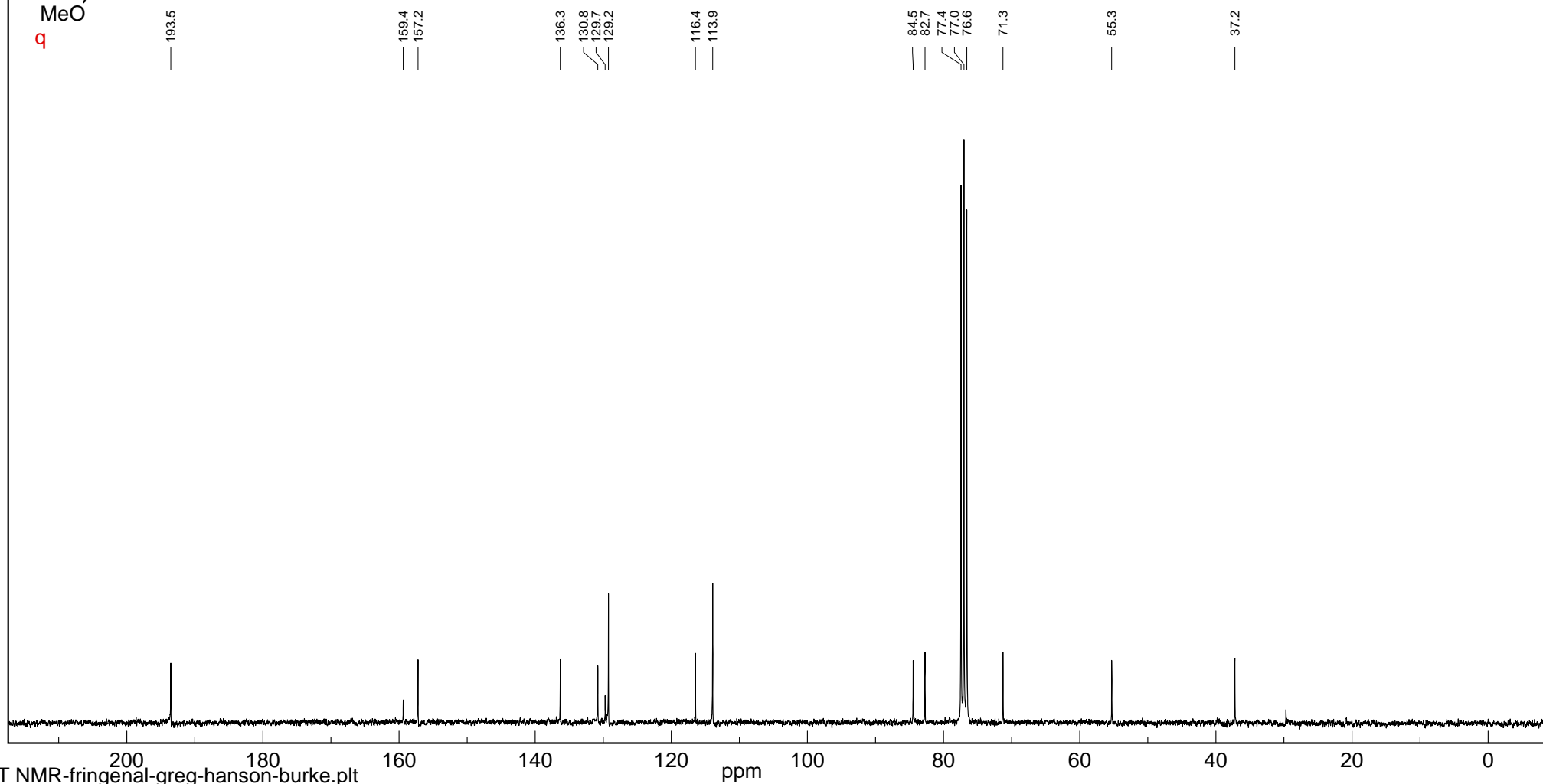
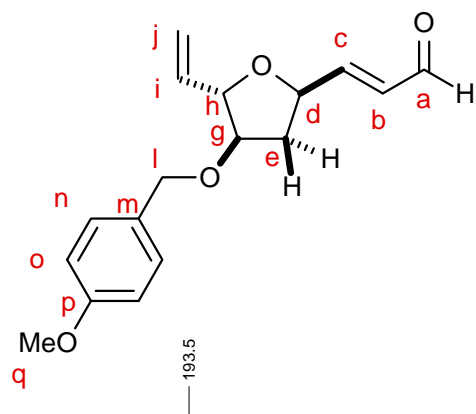


Exercise: Assign all of the protons in the NMR spectrum below.



Exercise: Assign the carbons in the ^{13}C NMR spectrum of fringenal.

$\text{C}_{17}\text{H}_{20}\text{O}_4$
73.4 MHz ^{13}C NMR spectrum in CDCl_3
Source: Greg Hanson thesis (Burke)



Exercise: Assign the carbons in the ^{13}C NMR spectrum of fringenal.

