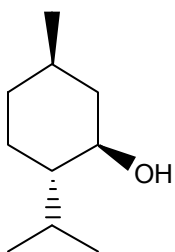
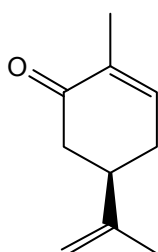


**In-Class Exercise:
¹³C NMR Analysis**

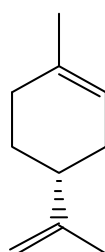
Each of the two ¹³C NMR spectra in this exercise correspond to one of the natural terpenoids shown below. Which terpenoid does each spectrum describe? Using the ¹³C chemical shift table we looked at in class, try to assign chemical shifts to some or all of the carbon atoms in your proposed structures.



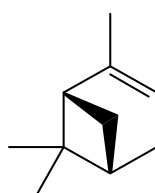
menthol



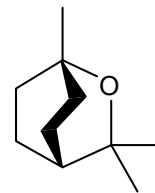
carvone



limonene



pinene



eucalyptol

