(xx pts) Using the following spectral data, propose a structure. Show your work for partial credit.







(xx pts) Provide a structure for the unknown compound using the spectral data provided below. Show your molecular formula (MF) andvdegrees of unsaturation (or DoU) where indicated.



(xx pts) Provide a structure for **unknown compound** for the spectral data provided below. To receive partial credit, you must be sure to assign/label all the NMR spectra and assign the **major IR ban**ds. Be sure to show your molecular formula (**MF**) and degrees of unsaturation (**DoU**) where indicated.







