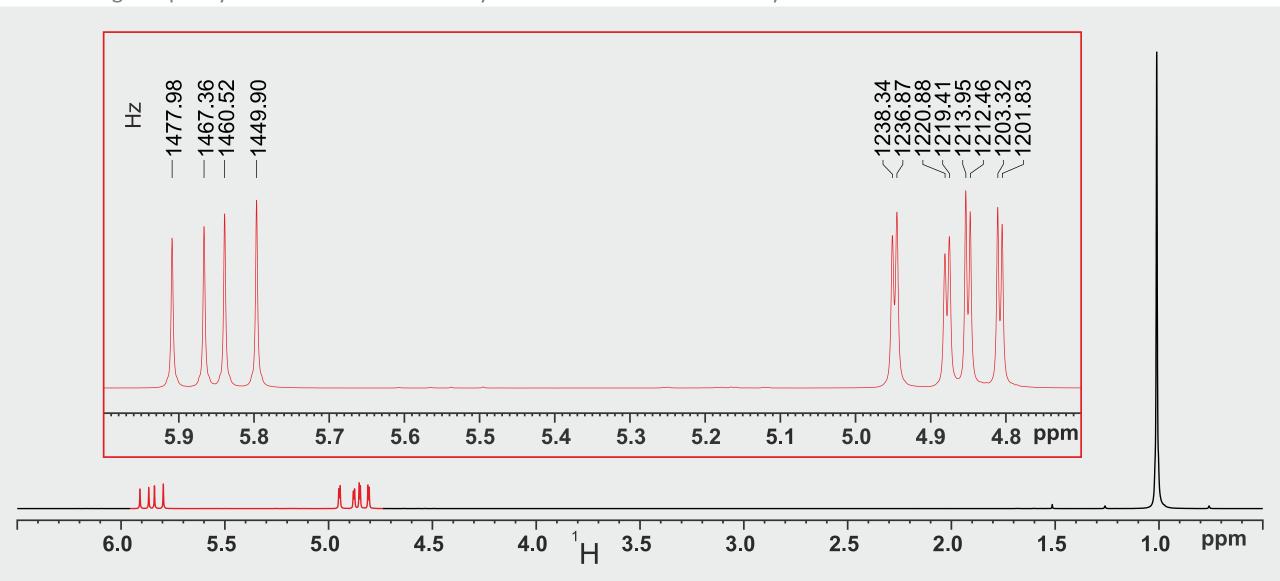
Exercise plus Solution – Quick overview

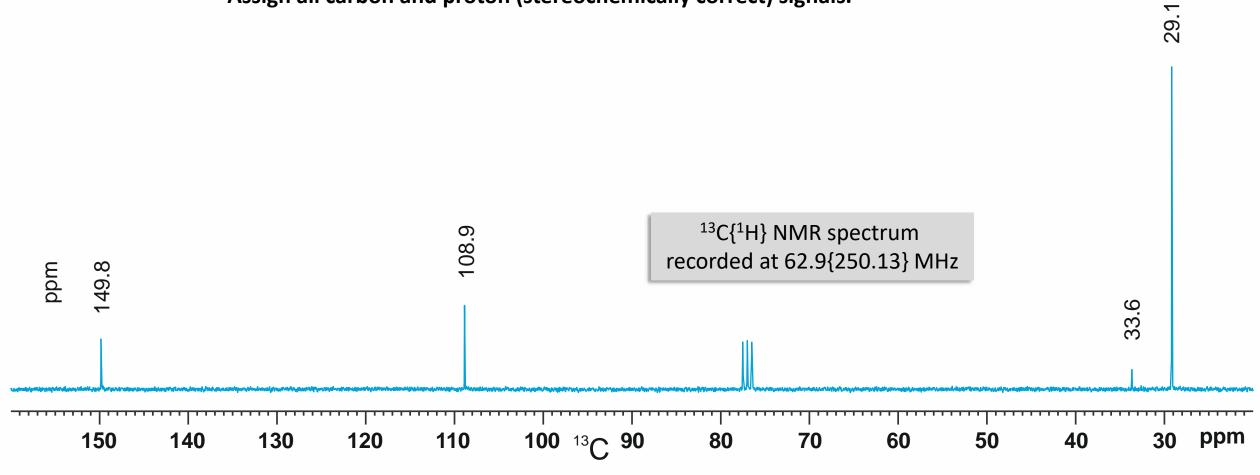
It is recommended to use this version only for a quick overview of the NMR challenge. All animations of the PowerPoint version are missing, under certain circumstances quality deficiencies may also occur.

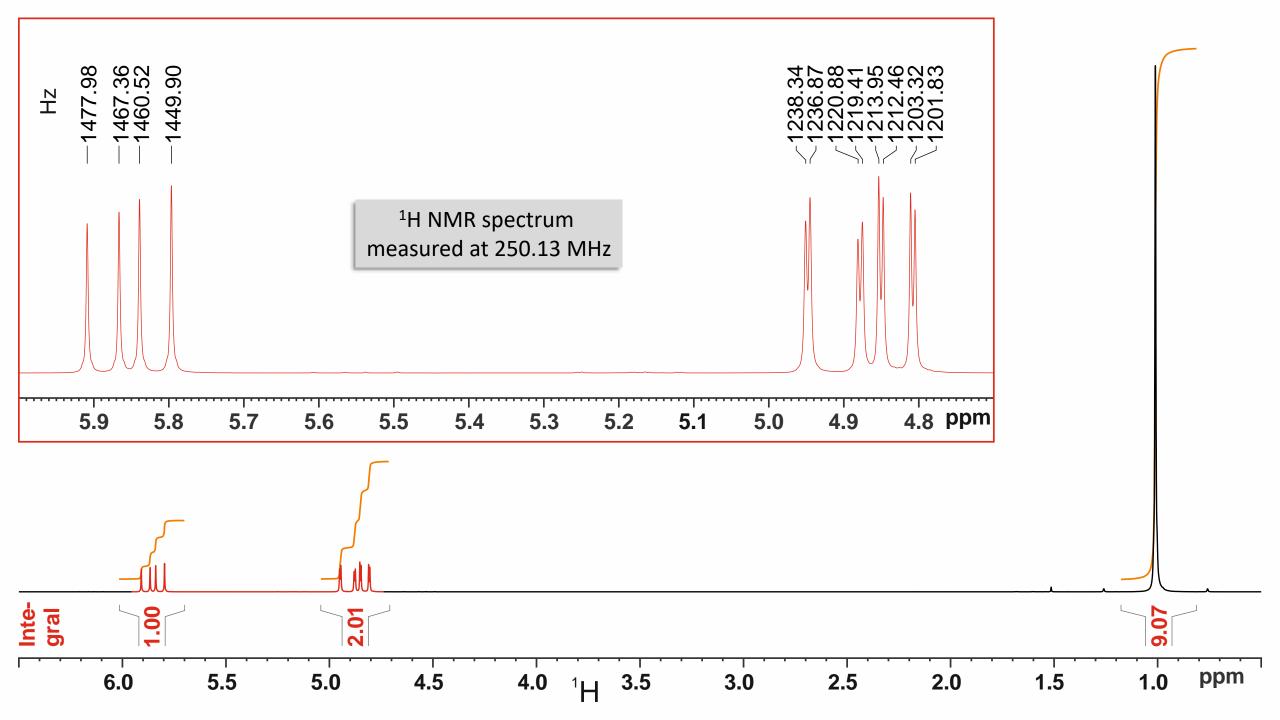
The higher quality PowerPoint files are freely available for download at any time.



C₆H₁₂ measured in CDCl₃

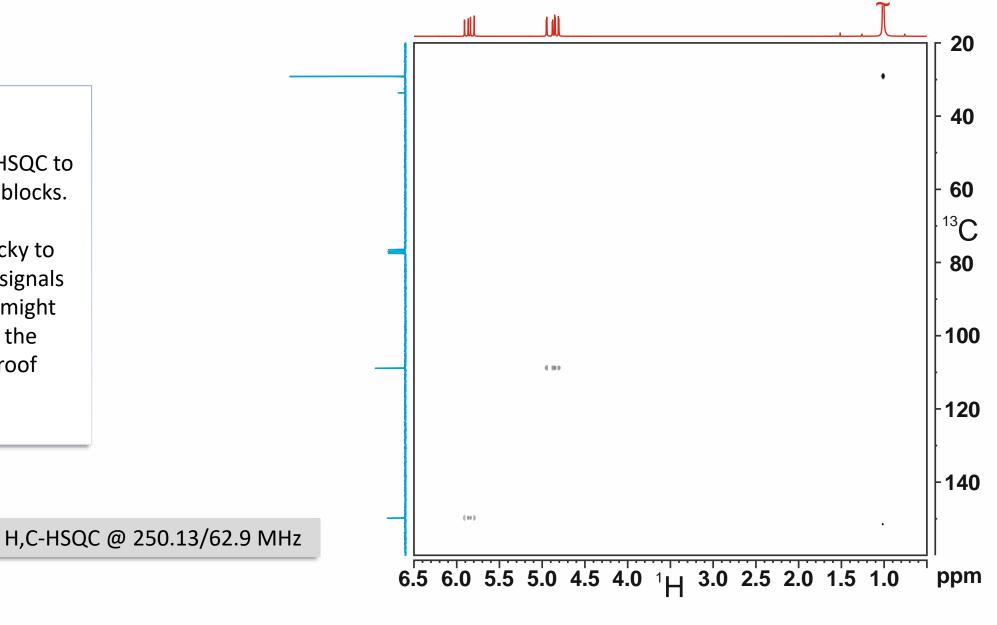
Deduce the structure and measure three homonuclear coupling constants. Assign all carbon and proton (stereochemically correct) signals.



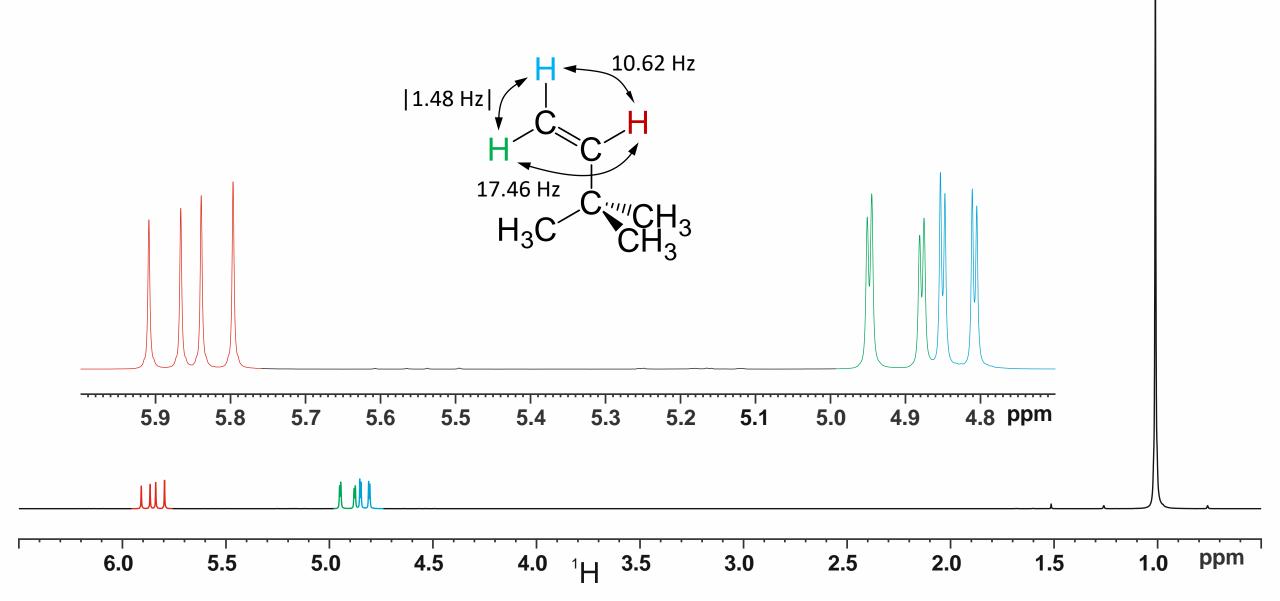


Hints

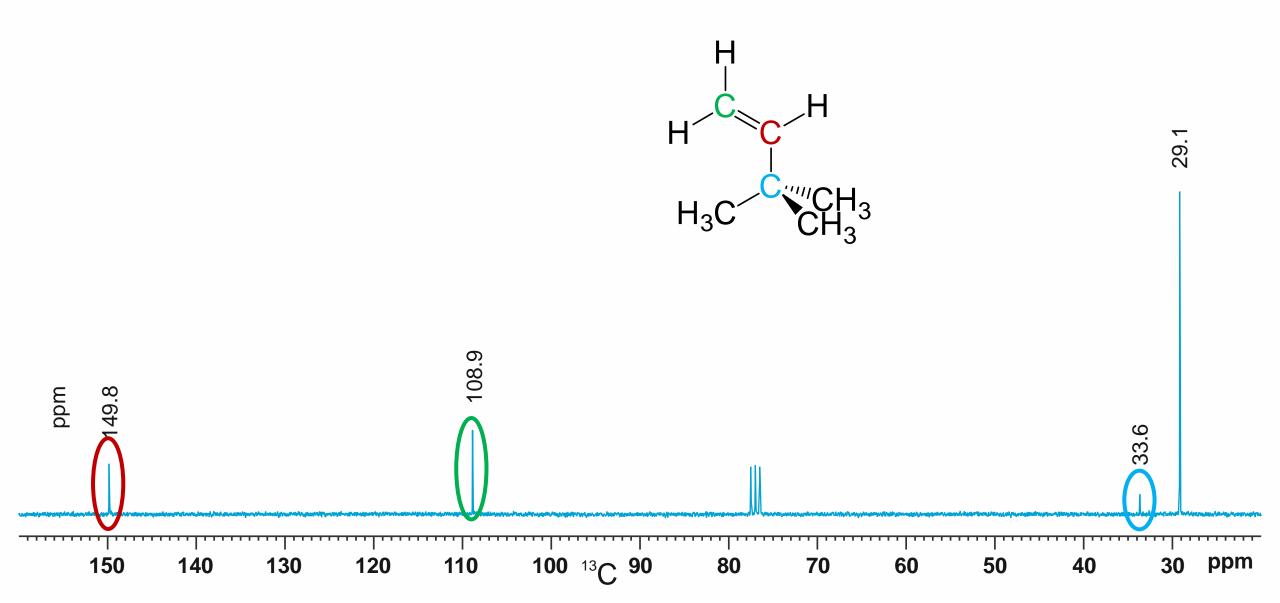
- (1) Always use the HSQC to get the building blocks.
- (2) It's a little bit tricky to separate the ¹H signals at 4.9 ppm. You might try to use either the integral or the "roof effect" as a first attempt.



Solution



There is no step by step solution available so far.



Contributions

