







Quiz 602 ($C_{13}H_{24}SeSi_2$) 75.4 MHz ¹³C {¹H} NMR spectrum in CDCl₃ Sample is 100% ¹³C enriched at C-H carbon

Source: Bill Sikorski / Reich 33-11

Not only does the central peak have satellites due to coupling of the ¹³C with the 7.5% of molecules having a ⁷⁷Se (green) or the 9.4% having a ²⁹Si (purple), the satellites in turn have detectable satellites due to the minute fractions of the sample that have both a ⁷⁷Se and a ²⁹Si in it (red), as well as those molecules having two ²⁹Si atoms (blue), as shown

