Common $^{13}$C Chemical Shifts

$C_{\text{alkyl}} - X$

$X = N, O, \text{halogen}$

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Proton Decoupling

![proton decoupling spectra](image)
$^{13}$C NMR of Ethyl Acetate

What is this?

All single peaks

Si(CH$_3$)$_4$
$^{13}C$ NMR of Ethyl Acetate

CDCl$_3$
Can We Identify This Compound?

Relative Intensity

m/z

72

73 (5%)
Can We Identify This Compound?
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