

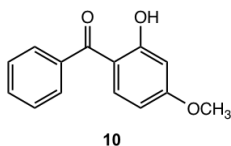
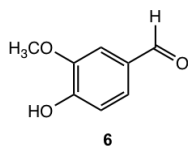
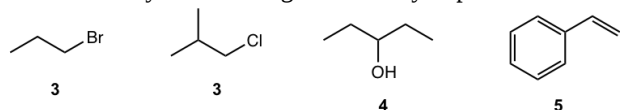
## 6.10: Answers to Practice Questions Chapter 6

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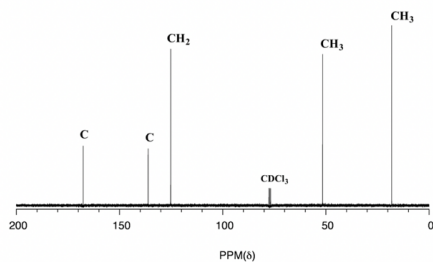
### Answers to Practice Questions Chapter 6

Xin Liu

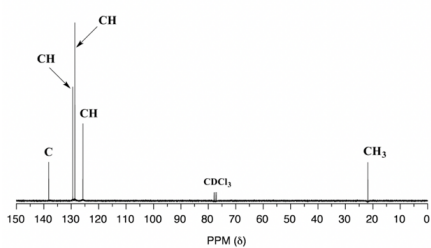
**6.1** How many  $^1\text{H}$  NMR signals would you predict for each of the following molecules?



**6.2** Below are  $^{13}\text{C}$  NMR spectra for methylbenzene (common name toluene) and methyl methacrylate. Refer to **Table 6.3** to match the spectra to the correct structure.



methyl methacrylate



toluene

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