

Supporting Information

Synthesis of new polyethoxylated tertiary amines and their use as Switchable Hydrophilicity Solvents

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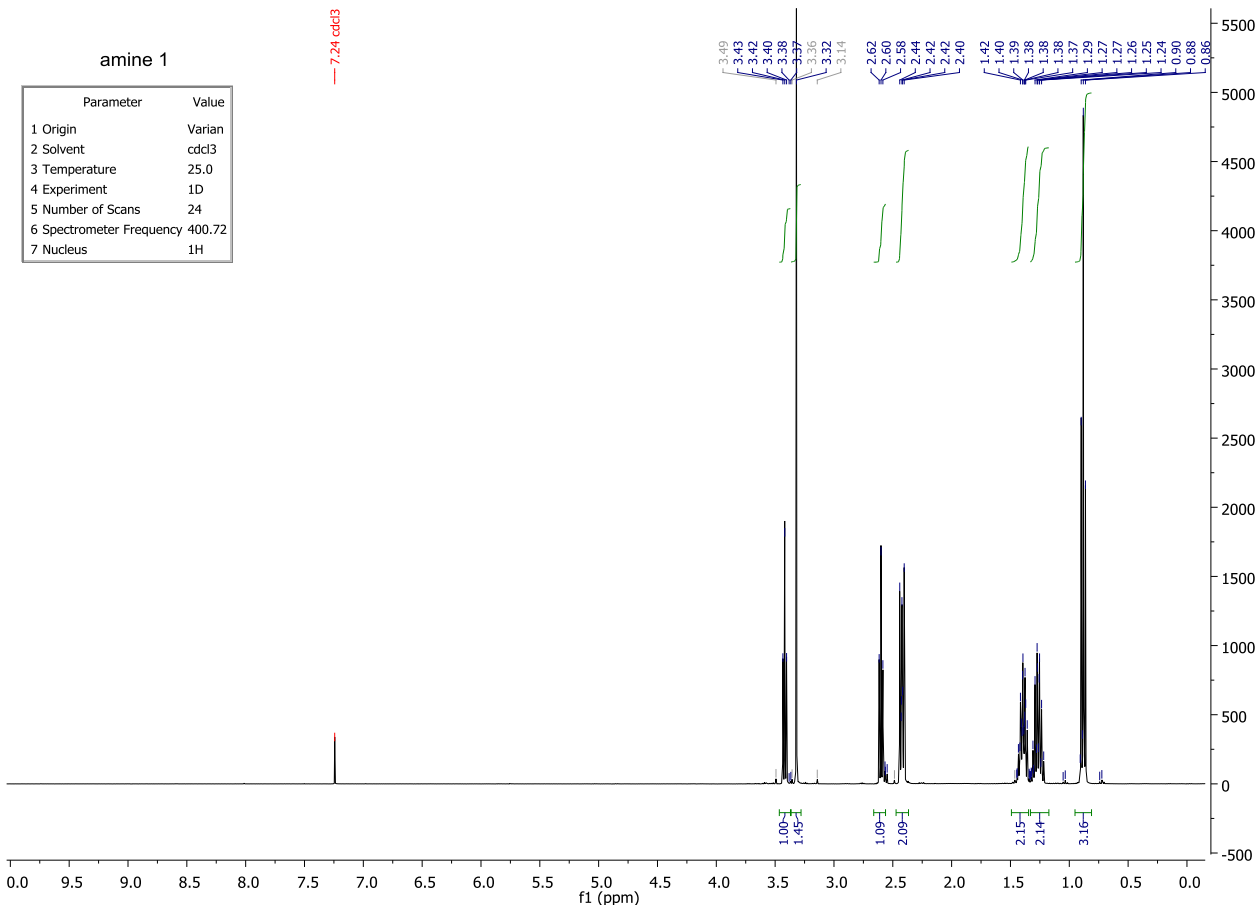
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NMR spectra of the synthesised amines and the corresponding ammonium salts

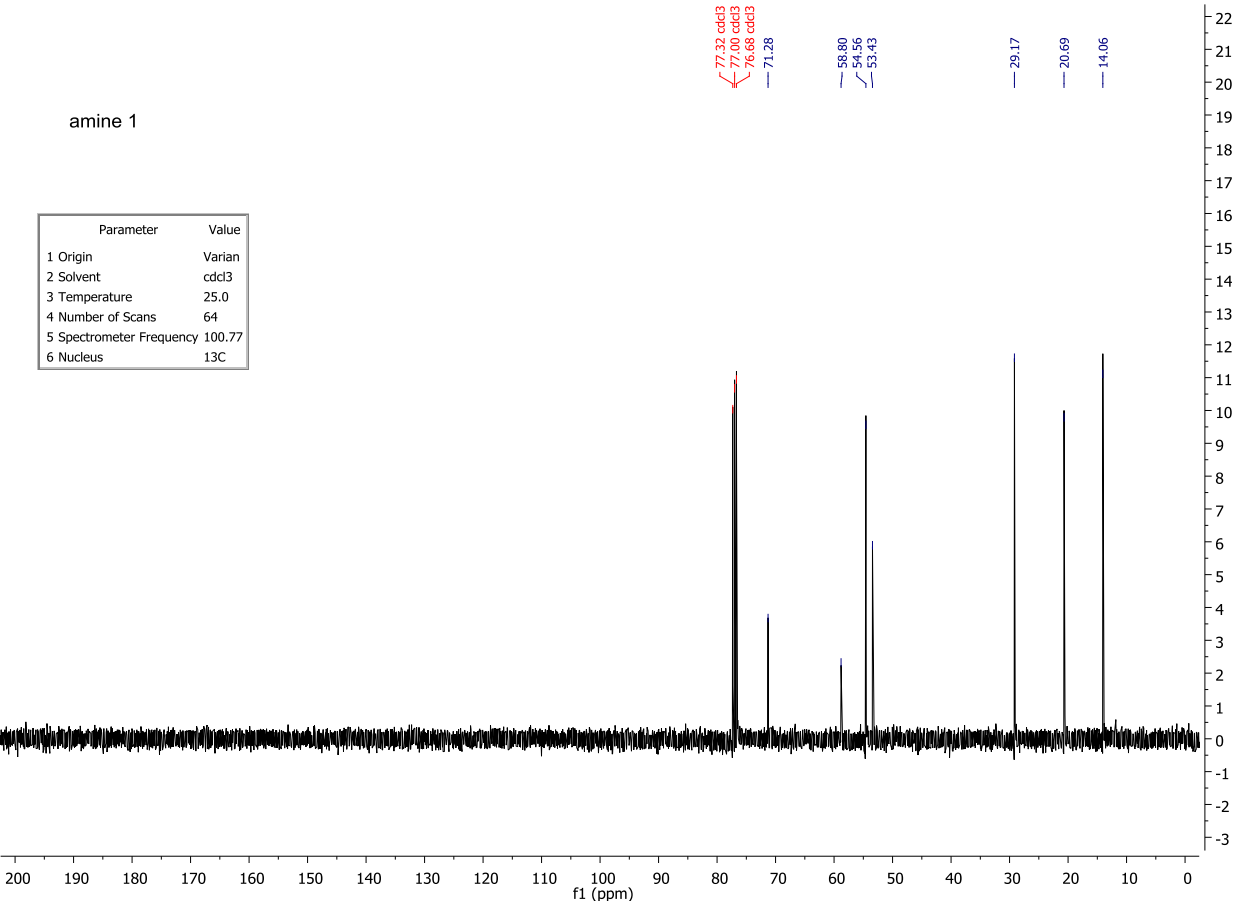
¹H and ¹³C NMR spectra were recorded in CDCl₃ (amine **1**, **2** and **3**) and in D₂O (ammonium salt **8**, **9** and **10**) using a 5 mm probe on a VARIAN Inova 400 spectrometer.

Amine 1

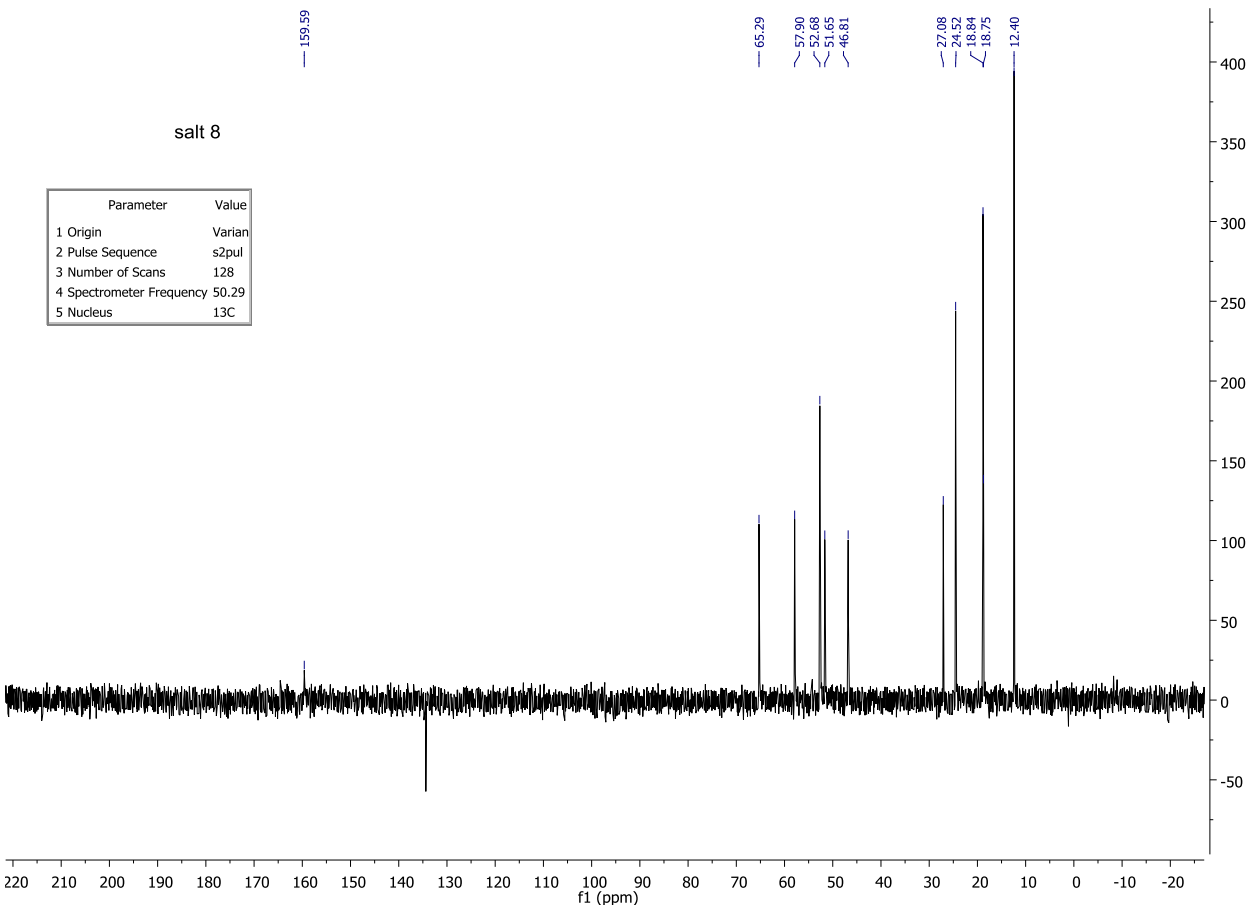
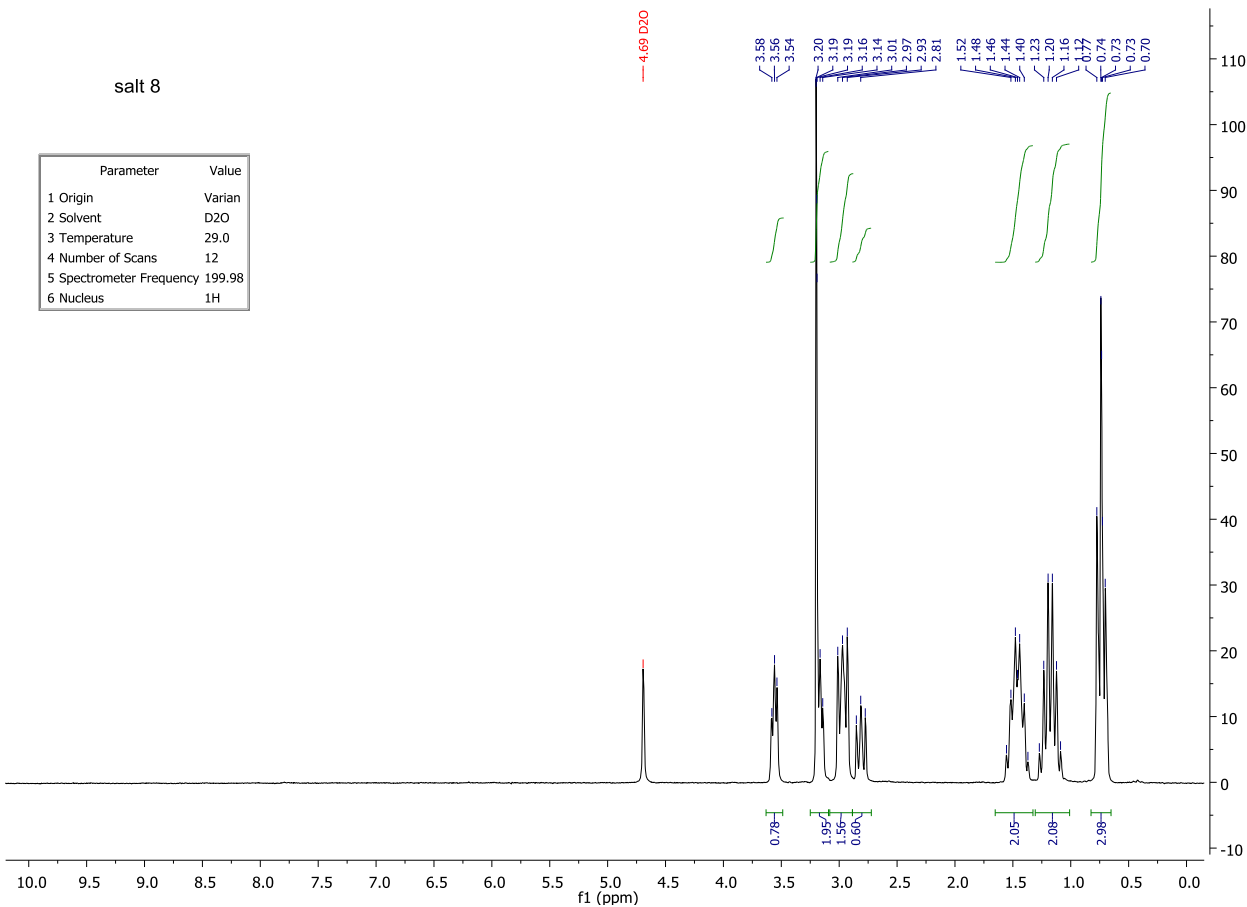


amine 1

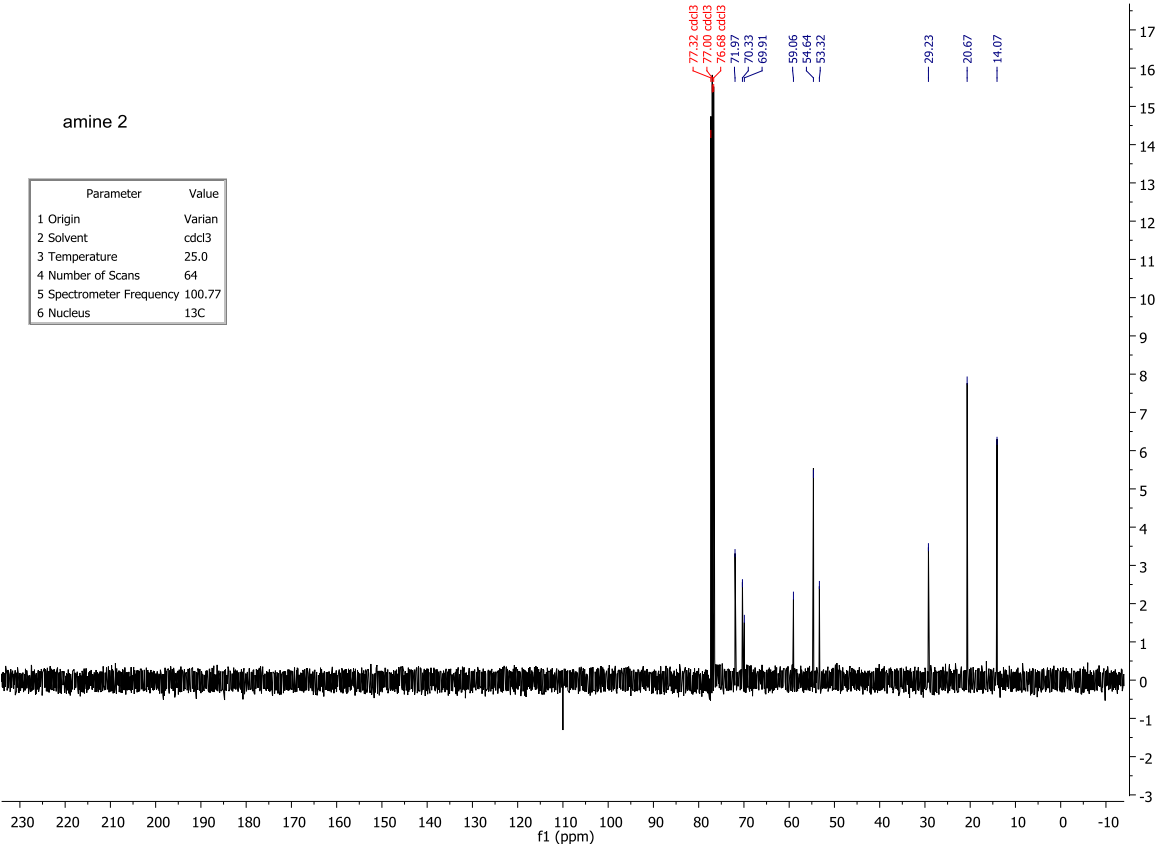
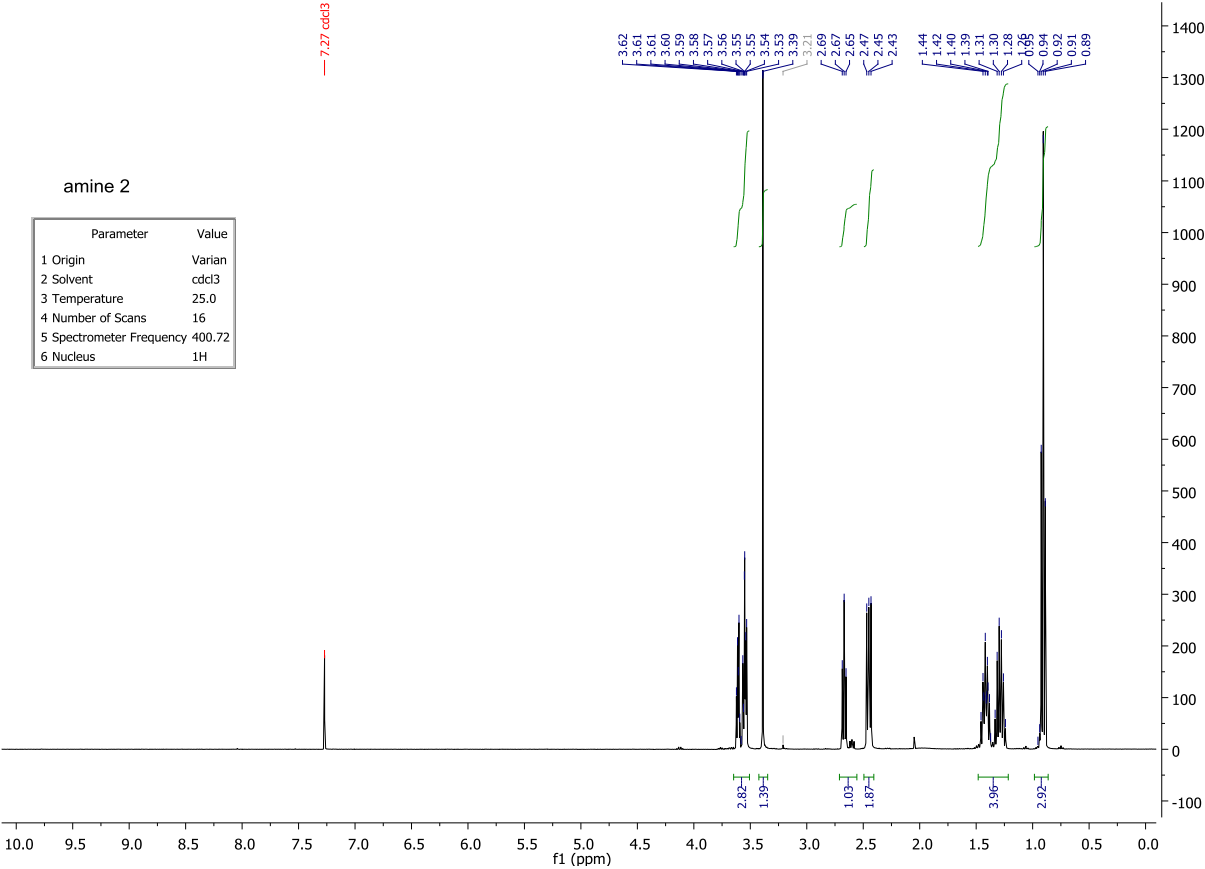
Parameter	Value
1 Origin	Varian
2 Solvent	cdcl3
3 Temperature	25.0
4 Number of Scans	64
5 Spectrometer Frequency	100.77
6 Nucleus	13C



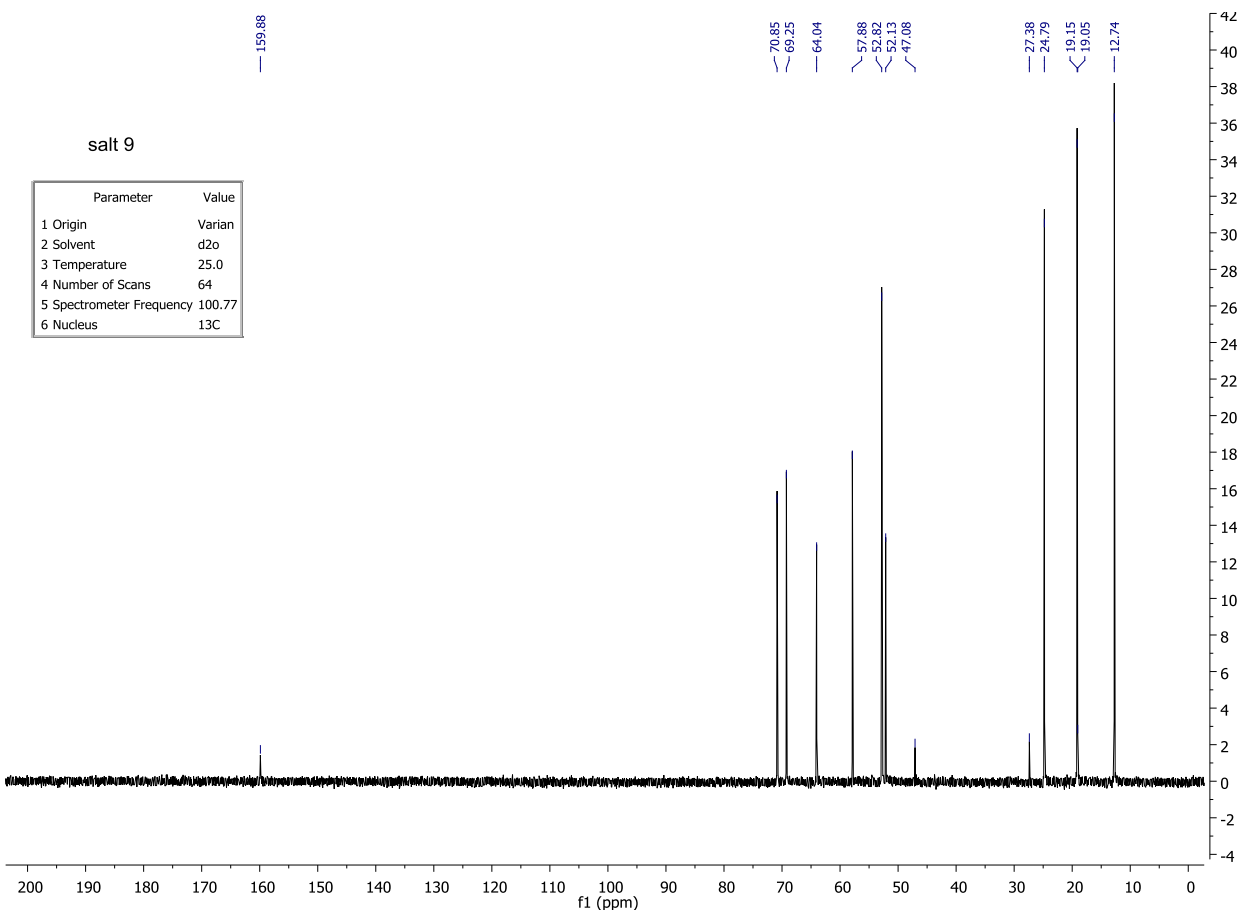
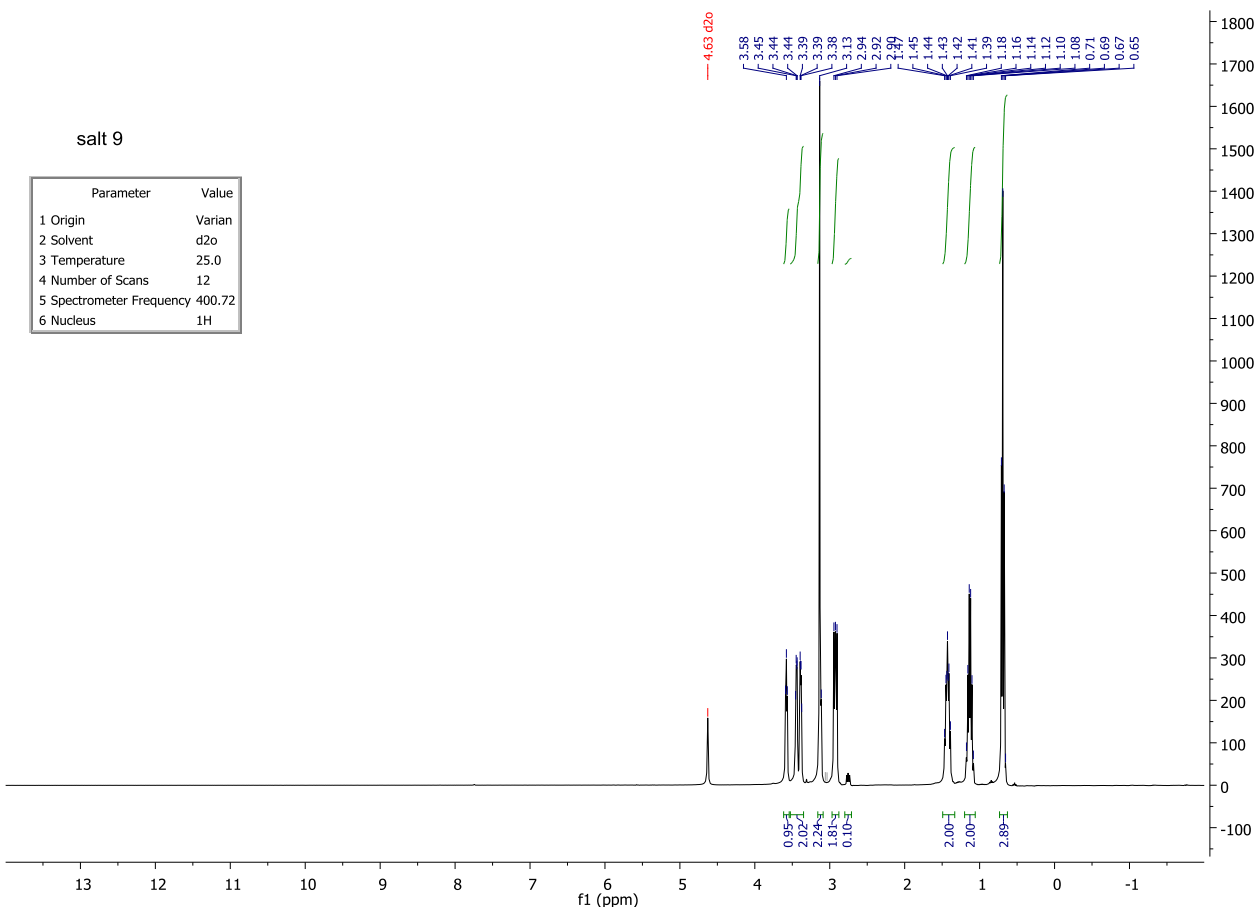
Ammonium salt **8**



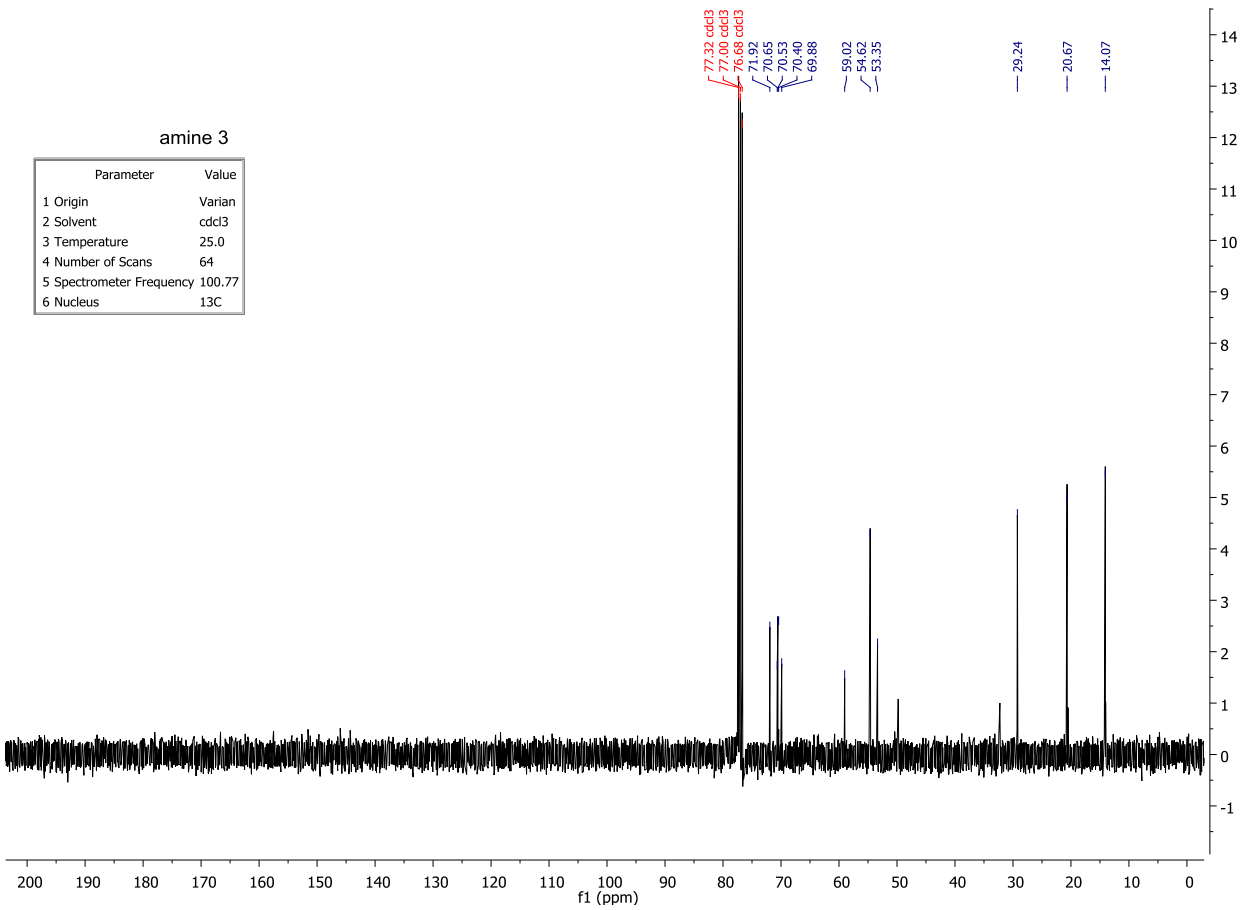
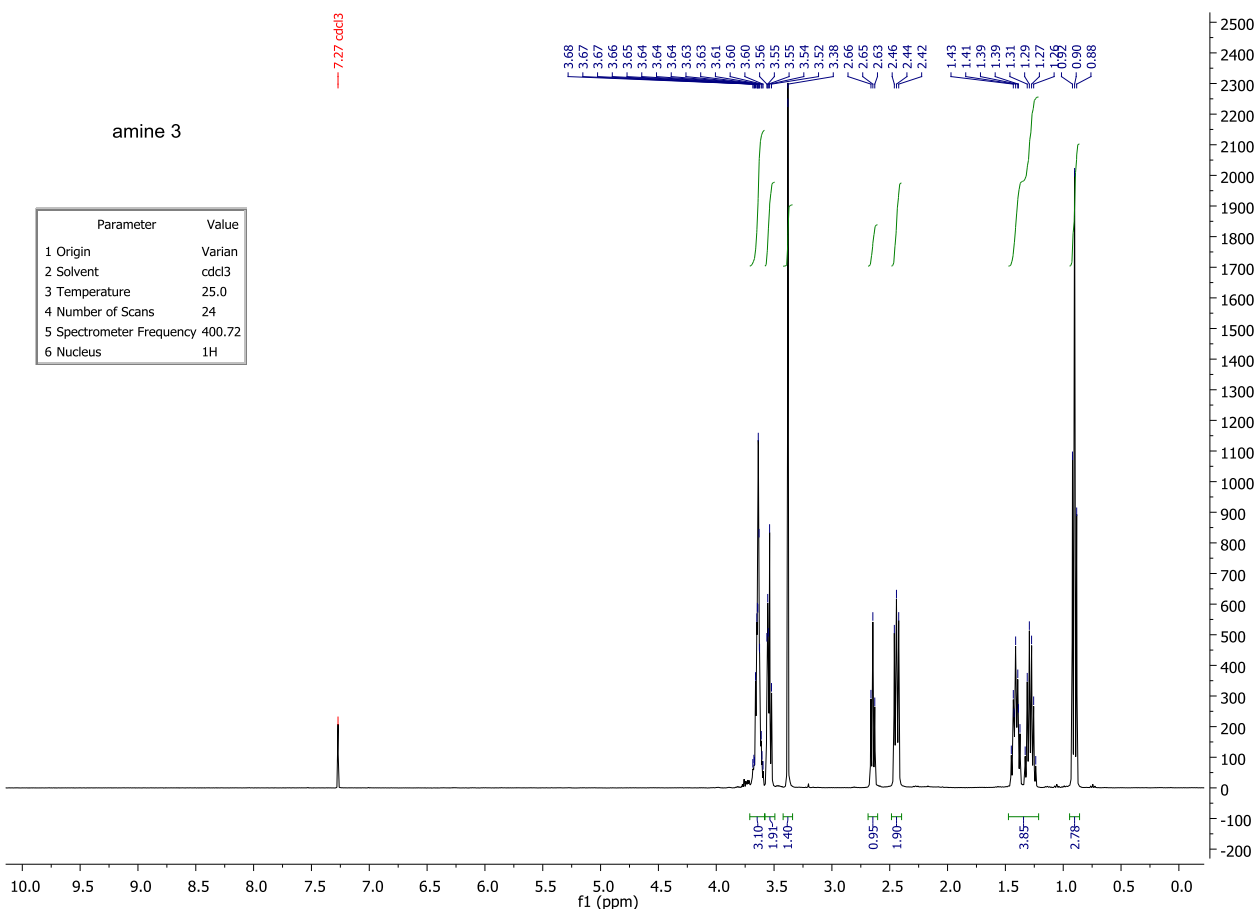
Amine 2



Ammonium salt **9**



Amine 3



Ammonium salt **10**

