

Electronic Supporting Information for:

Exploring the Coordination Chemistry of Isomerizable Terpyridine Derivatives for Successful Analyses of *Cis* and *Trans* Isomer Compositions by Travelling Wave Ion Mobility Mass Spectrometry

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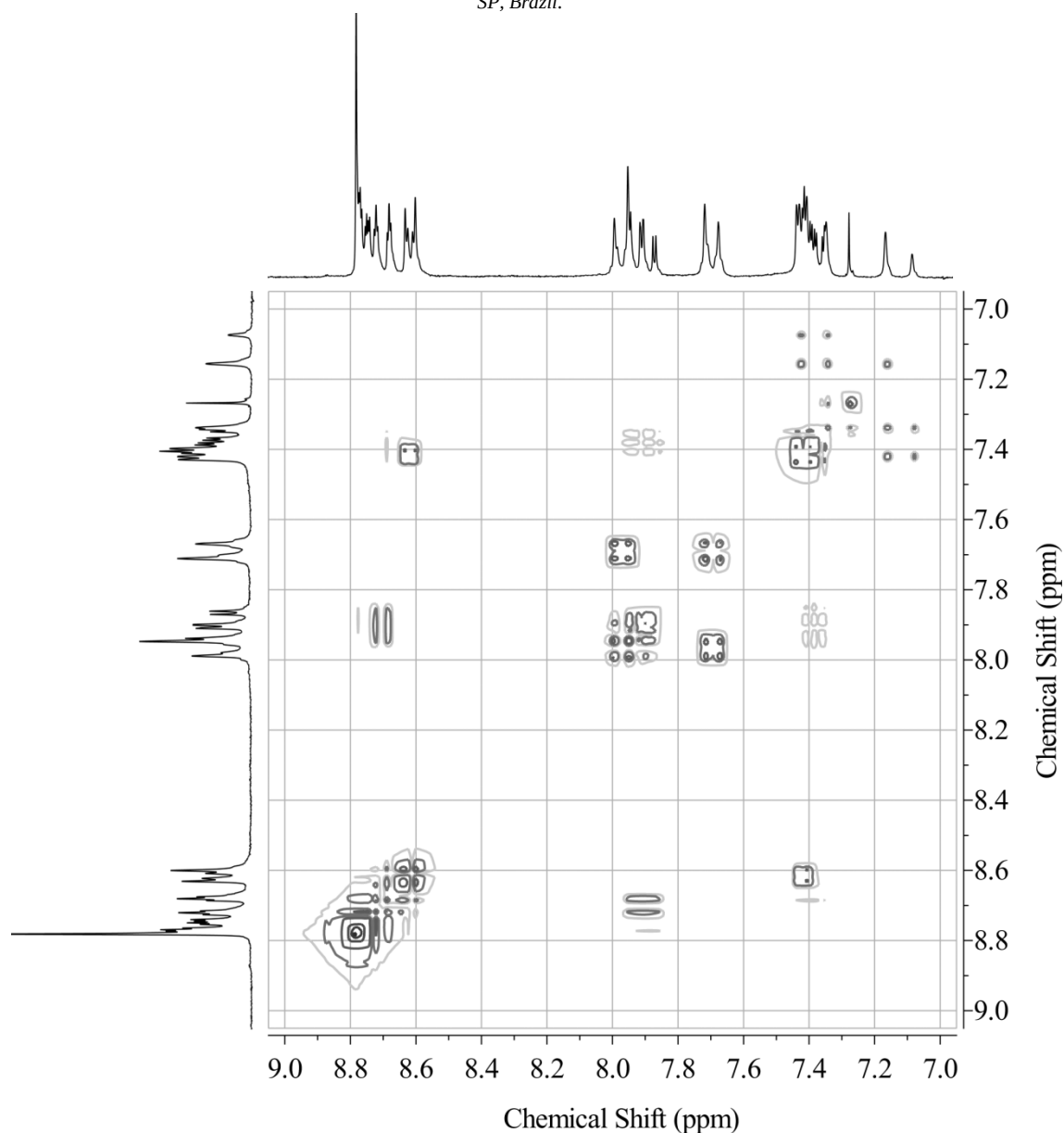


Fig. S1: ¹H-¹H COSY spectrum of the vpytpy ligand 1.0x10⁻² mol L⁻¹ in deuterated dimethylsulfoxide.

Figure S1.

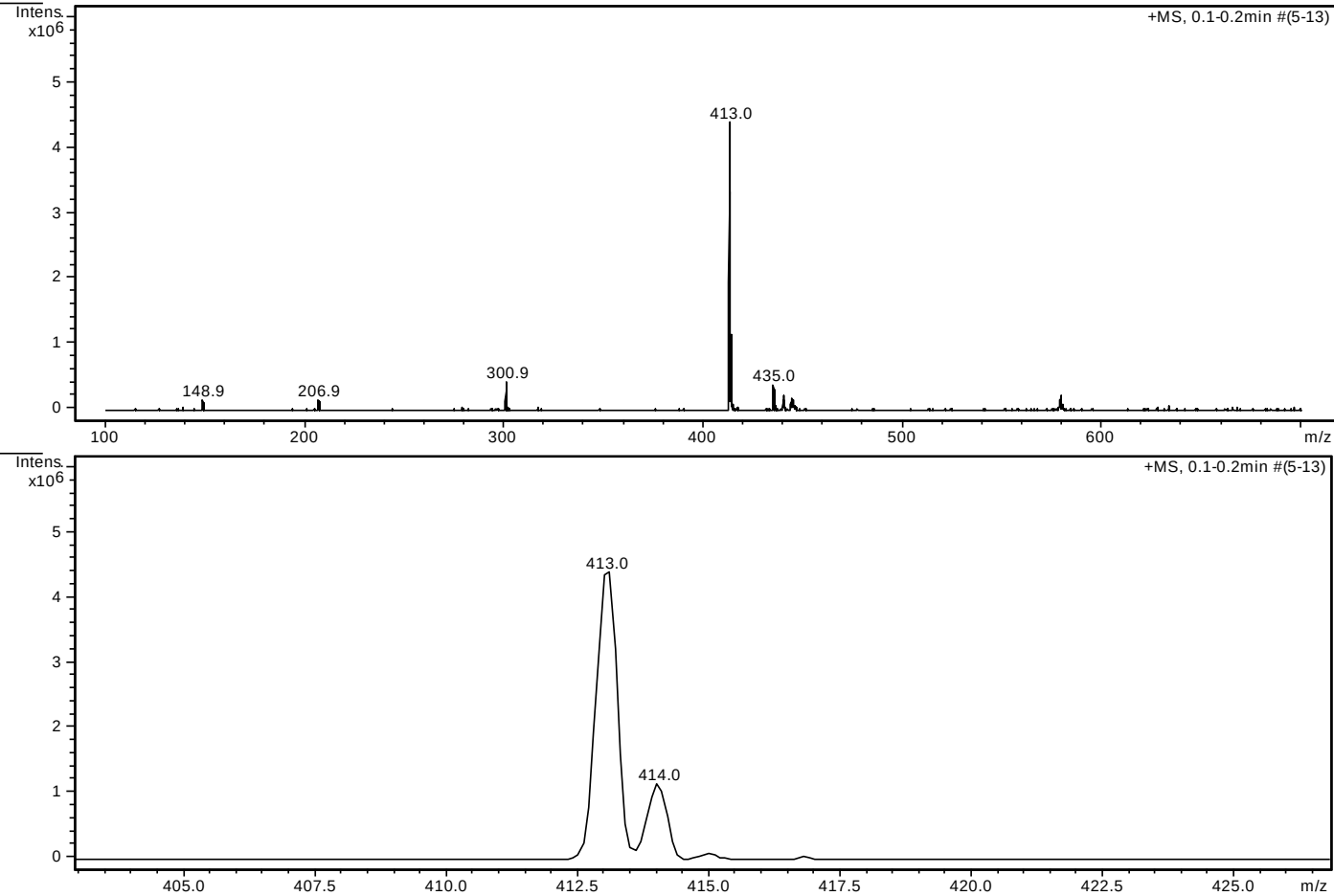


Fig. S2: ESI-MS of the vpytpy ligand (M+H) in mixture acetone/water (8:2) with 1% of formic acid