

Supplementary Materials

Relationship between antioxidant activity and ligand basicity in the dipicolinate series of oxovanadium(IV) and dioxovanadium(V) complexes

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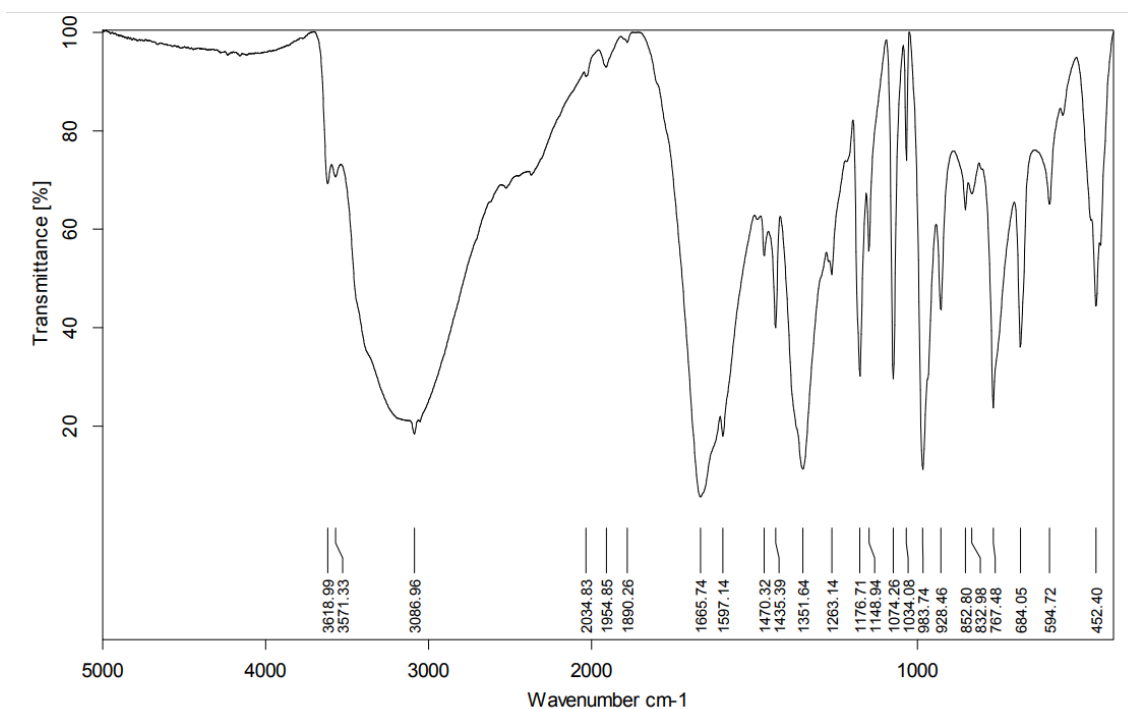


Figure S1. IR spectrum of $[\text{VO}(\text{dipic})(\text{H}_2\text{O})_2] \cdot 2 \text{H}_2\text{O}$.

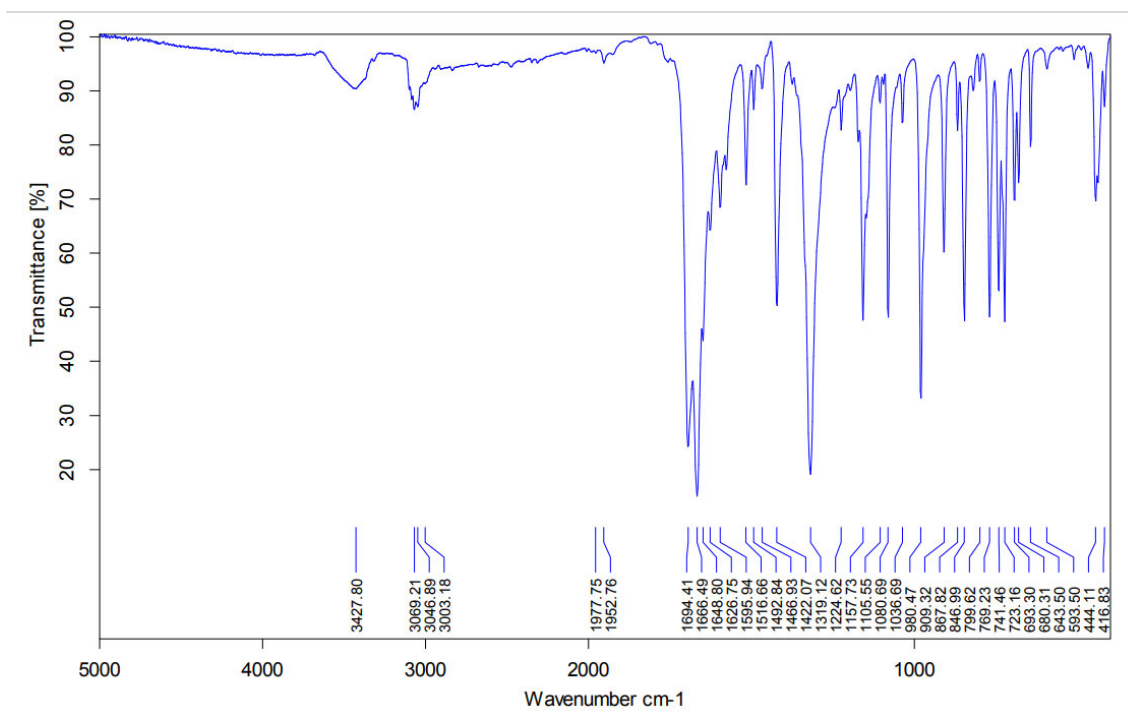


Figure S2. IR spectrum of $[\text{VO}(\text{dipic})(\text{phen})] \cdot 3 \text{H}_2\text{O}$.

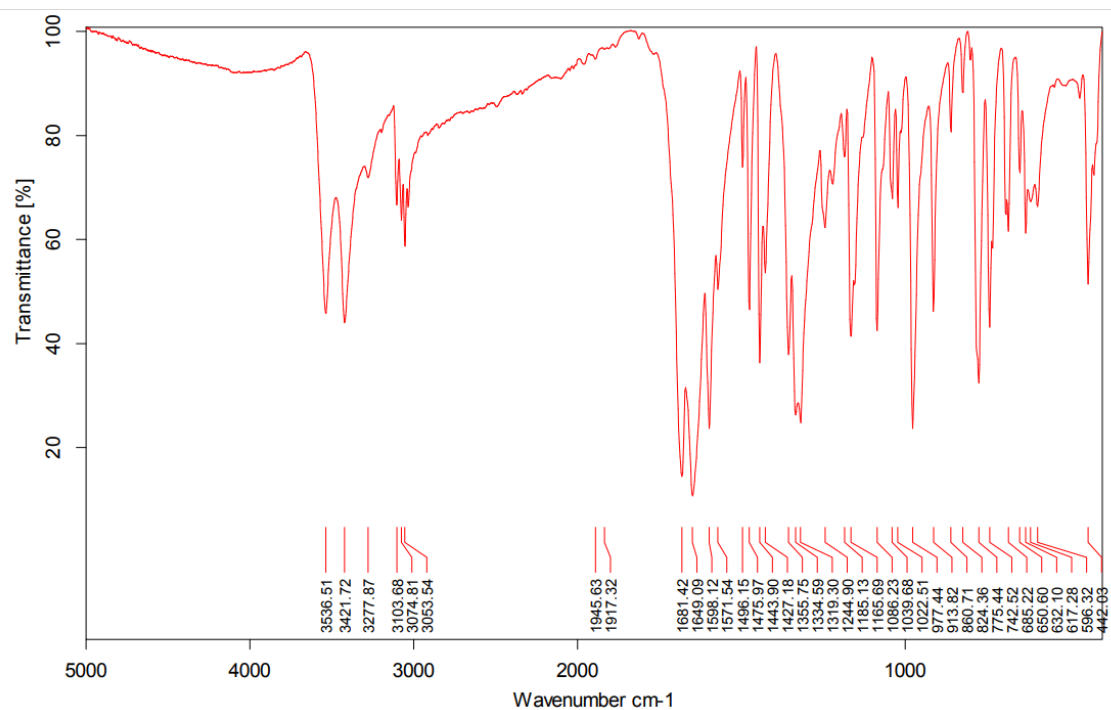


Figure S3. IR spectrum of [VO(dipic)(bipy)] · H₂O.

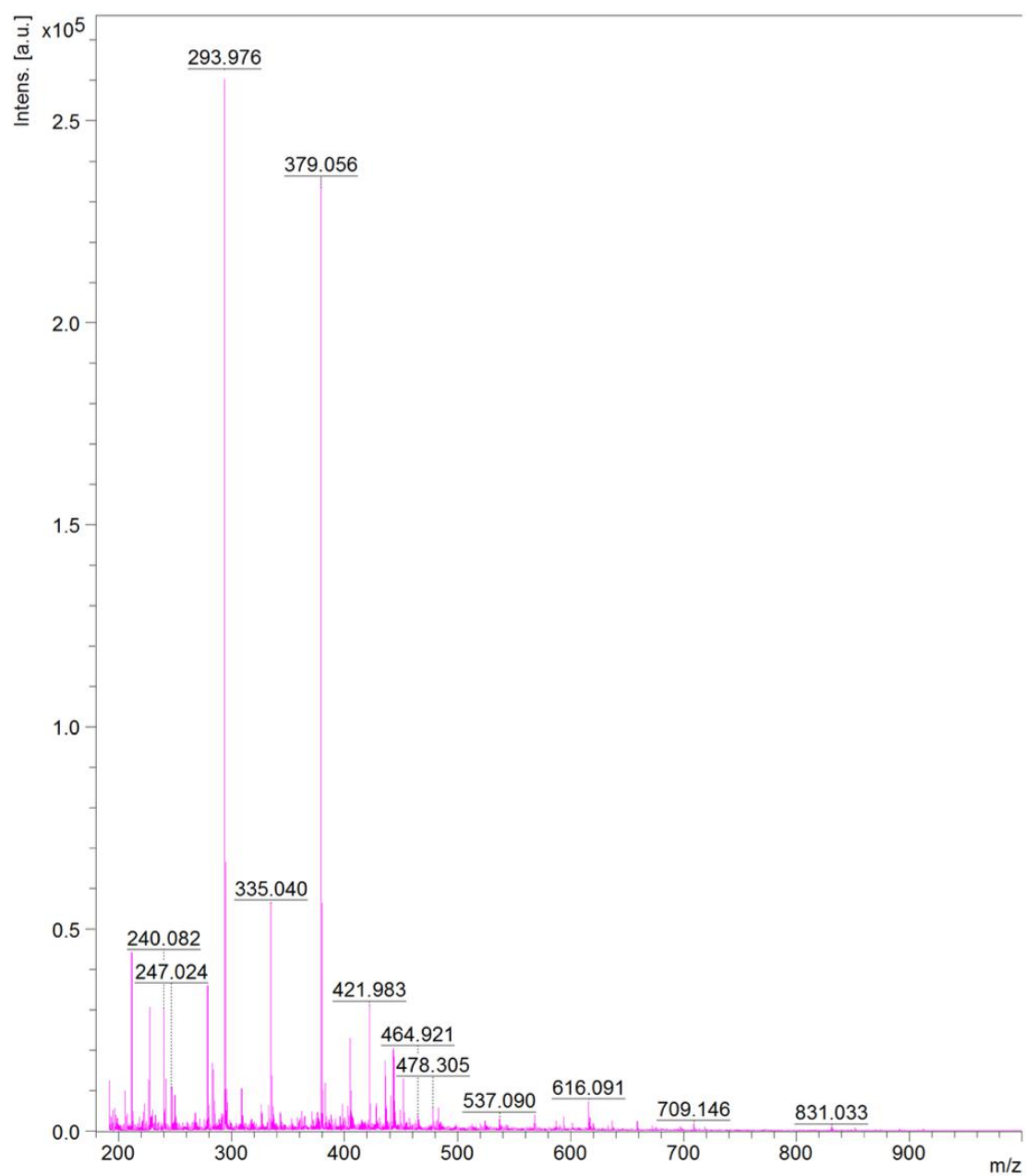


Figure S4. MALDI-TOF-MS spectrum of $[\text{VO}(\text{dipic})(\text{H}_2\text{O})_2] \cdot 2 \text{H}_2\text{O}$ (CCA matrix).

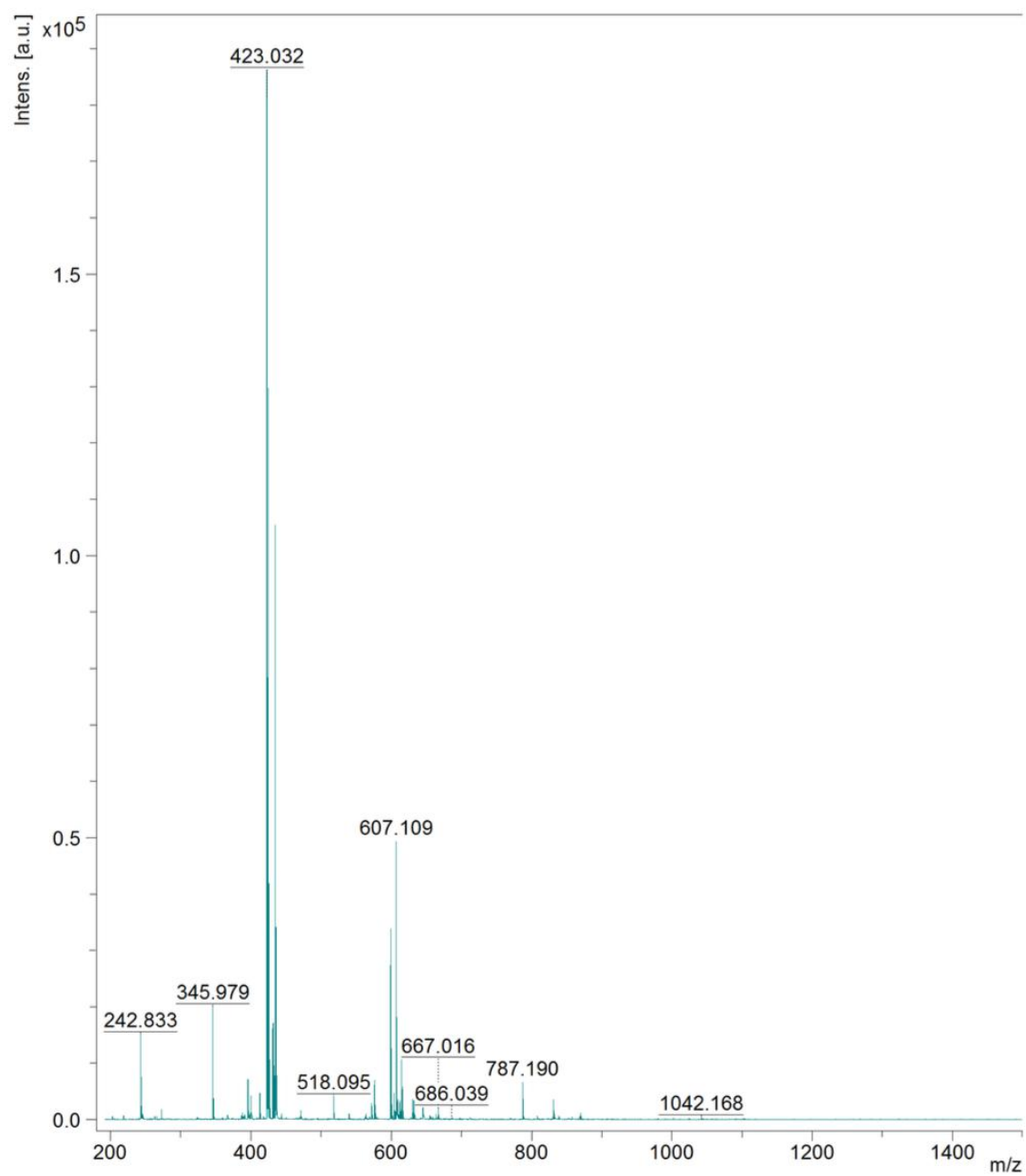


Figure S5. MALDI-TOF-MS spectrum of [VO(dipic)(phen)] · 3 H₂O (CCA matrix).

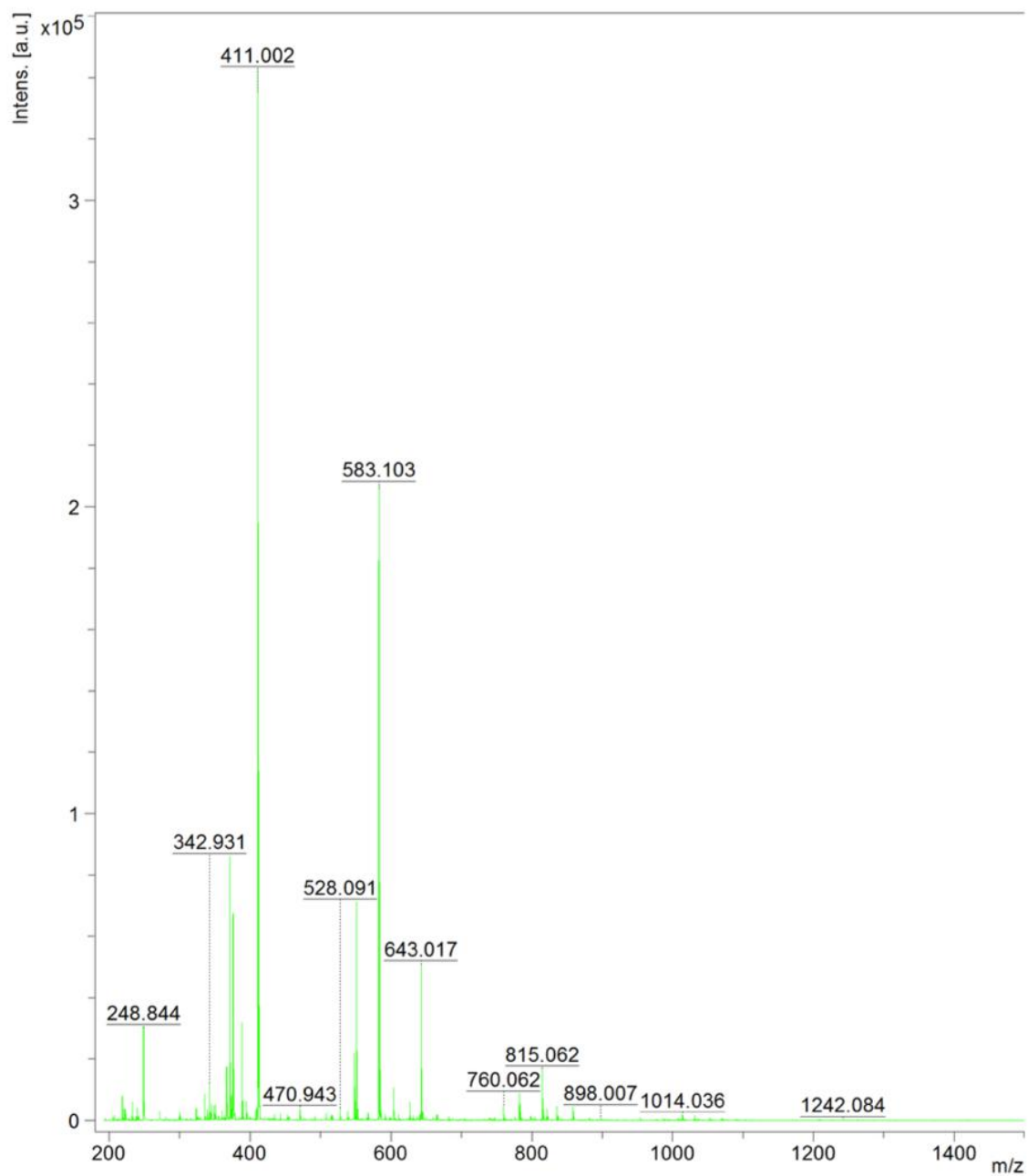


Figure S6. MALDI-TOF-MS spectrum of $[\text{VO}(\text{dipic})(\text{bipy})] \cdot \text{H}_2\text{O}$ (CCA matrix).

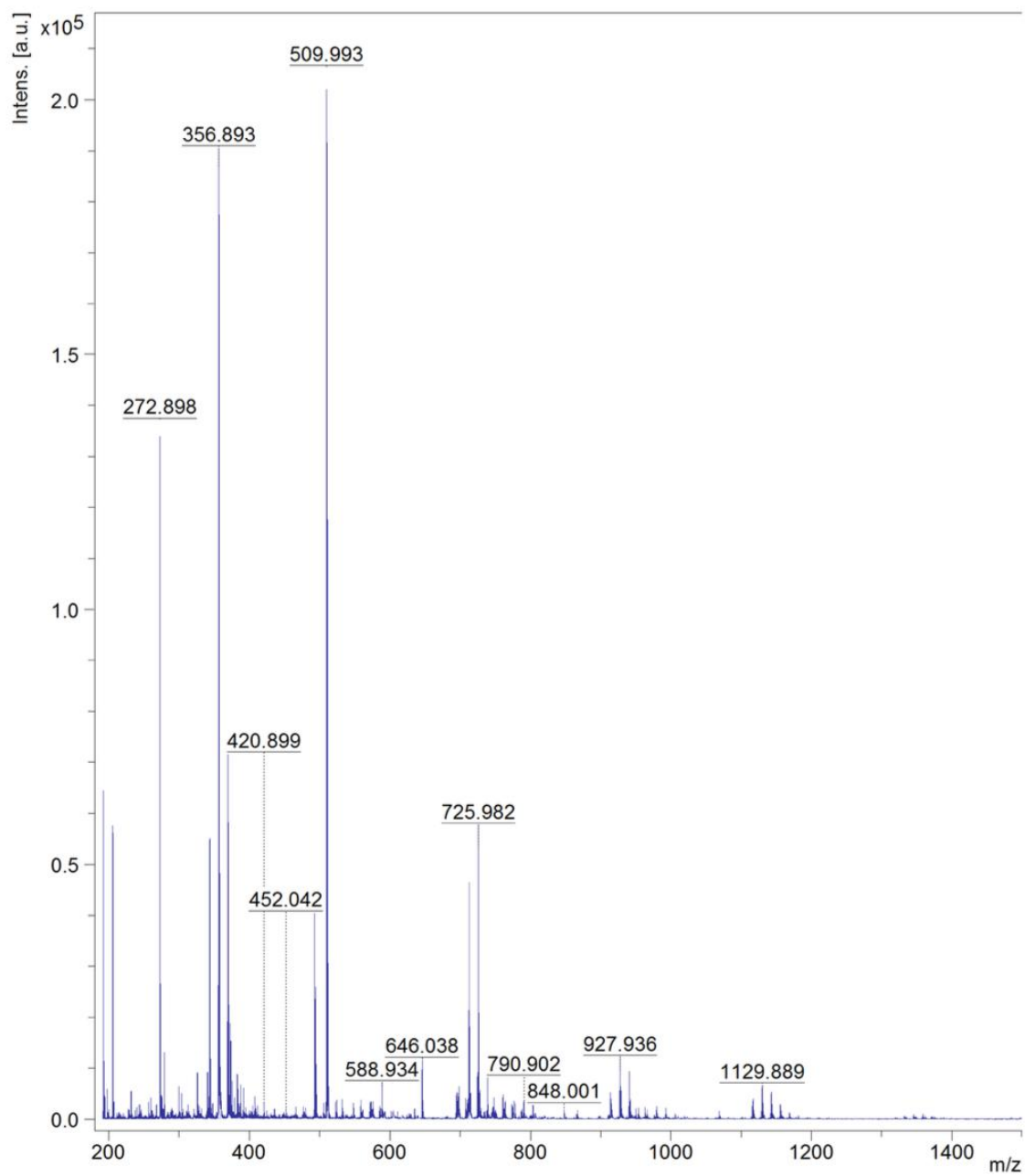


Figure S7. MALDI-TOF-MS spectrum of $[\text{VO}(\text{dipic})(\text{H}_2\text{O})_2] \cdot 2 \text{H}_2\text{O}$ (DHB matrix).

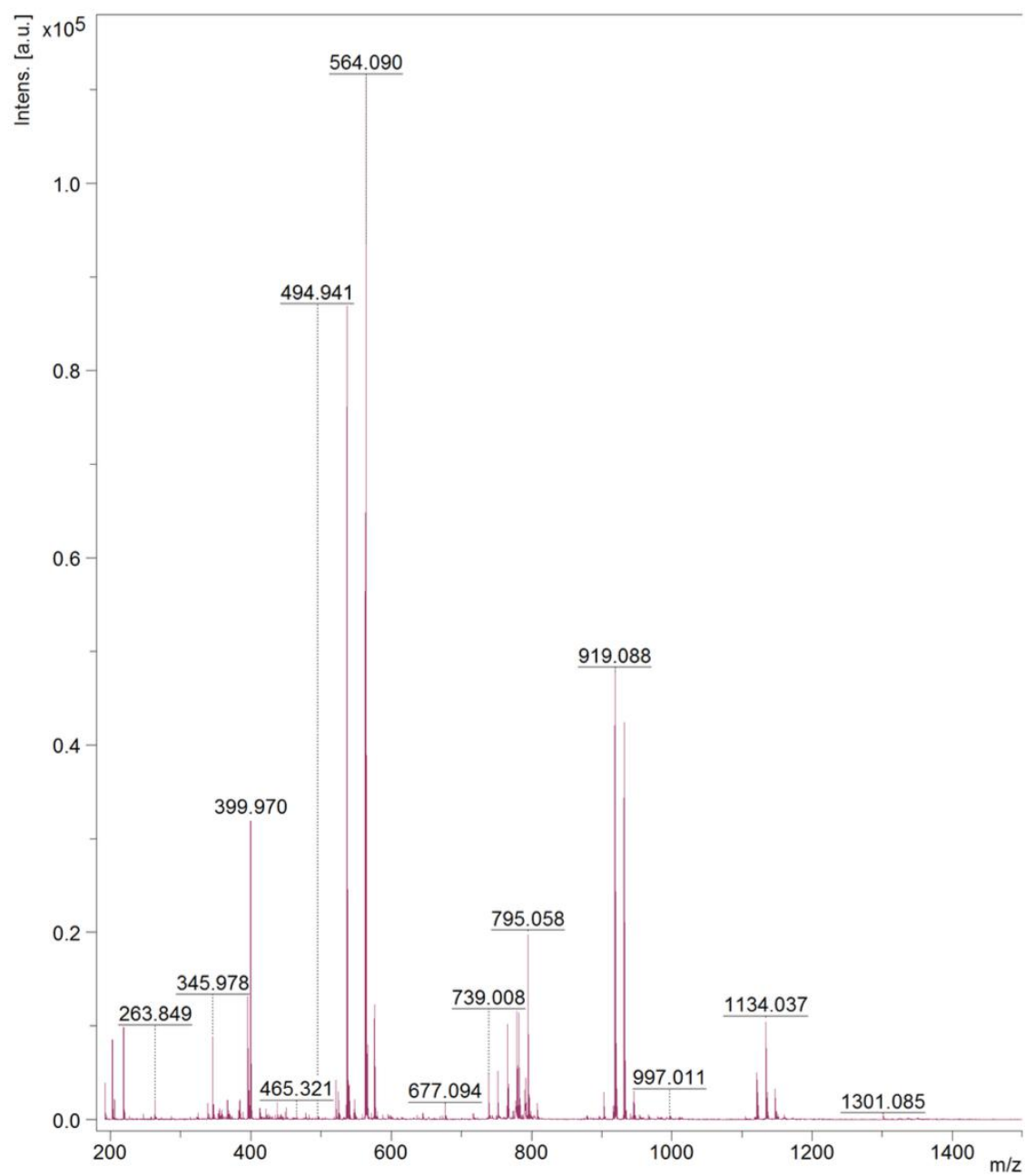


Figure S8. MALDI-TOF-MS spectrum of $[\text{VO}(\text{dipic})(\text{phen})] \cdot 3 \text{H}_2\text{O}$ (DHB matrix).

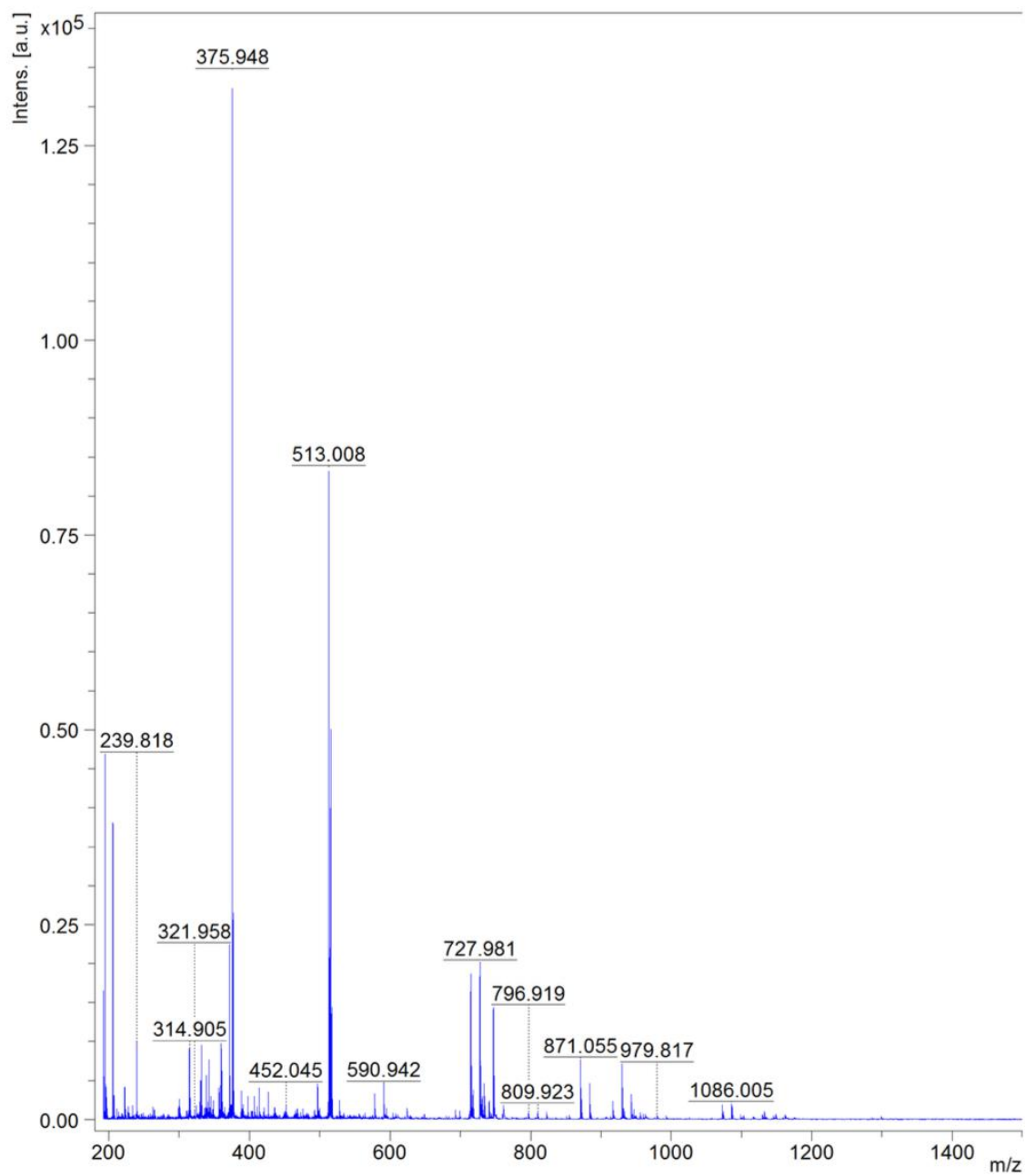


Figure S9. MALDI-TOF-MS spectrum of $[\text{VO}(\text{dipic})(\text{bipy})] \cdot \text{H}_2\text{O}$ (DHB matrix).

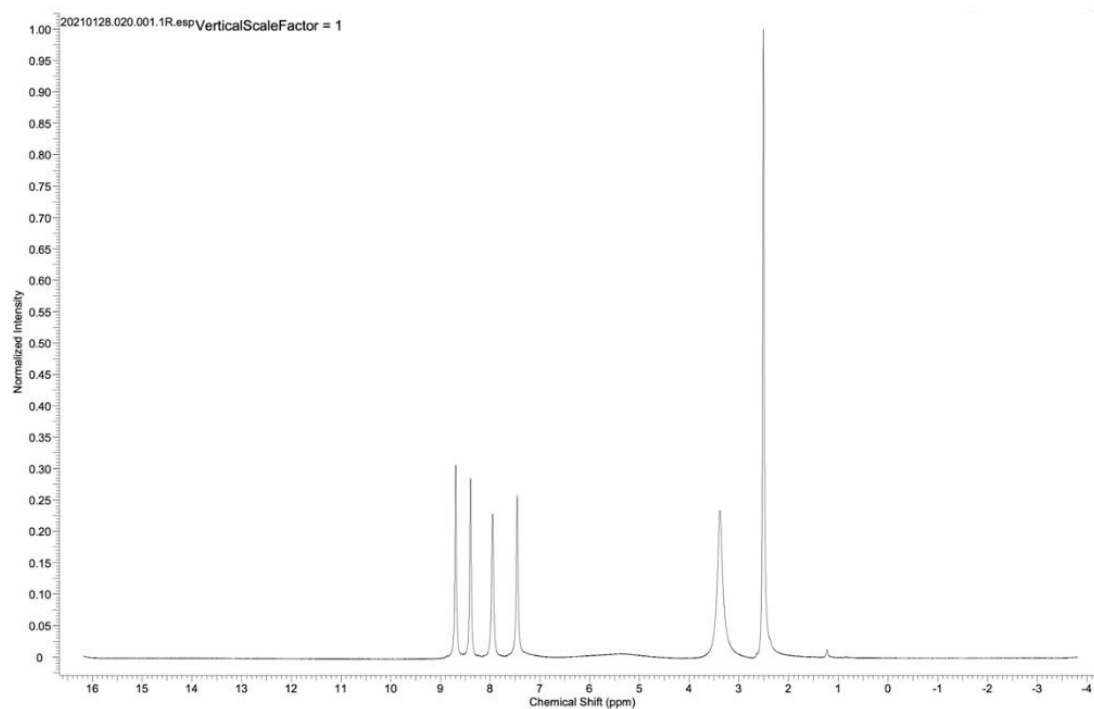


Figure S10. ^1H NMR spectrum of $[\text{VO}(\text{dipic})(\text{bipy})] \cdot \text{H}_2\text{O}$.

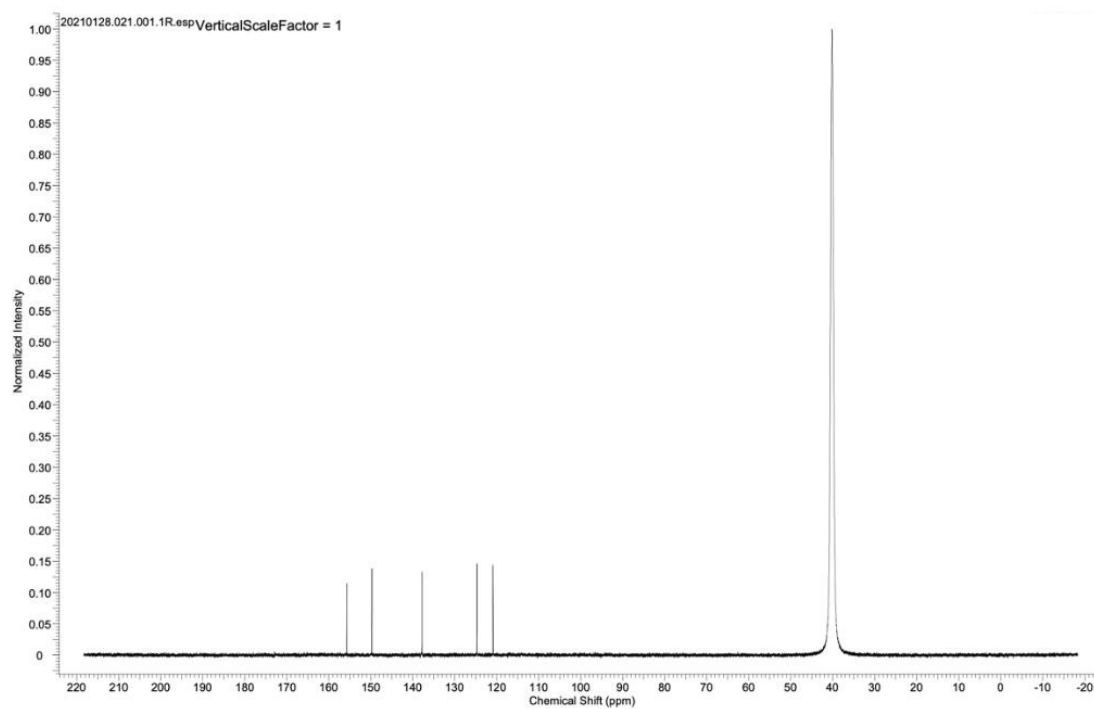


Figure S11. ^{13}C NMR spectrum of $[\text{VO}(\text{dipic})(\text{bipy})] \cdot \text{H}_2\text{O}$.