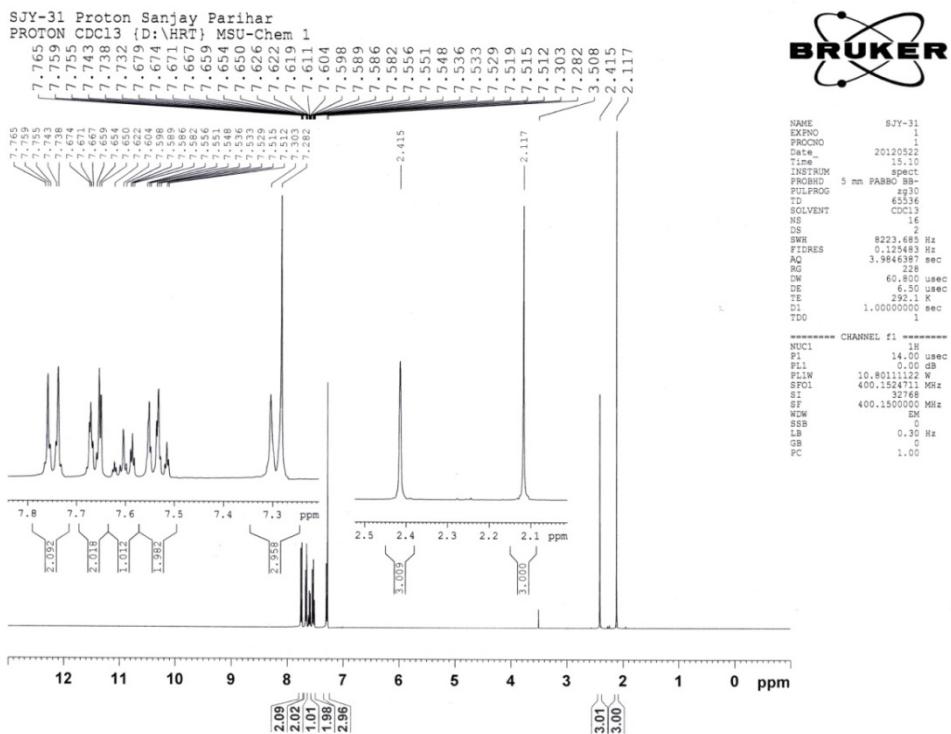
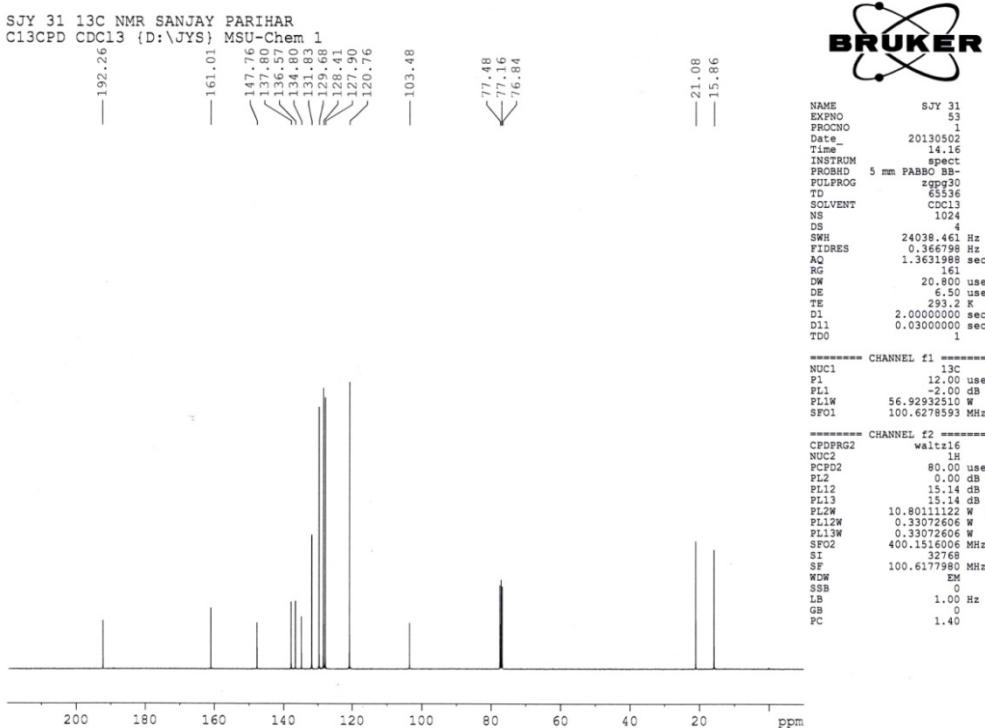


## Supporting Information

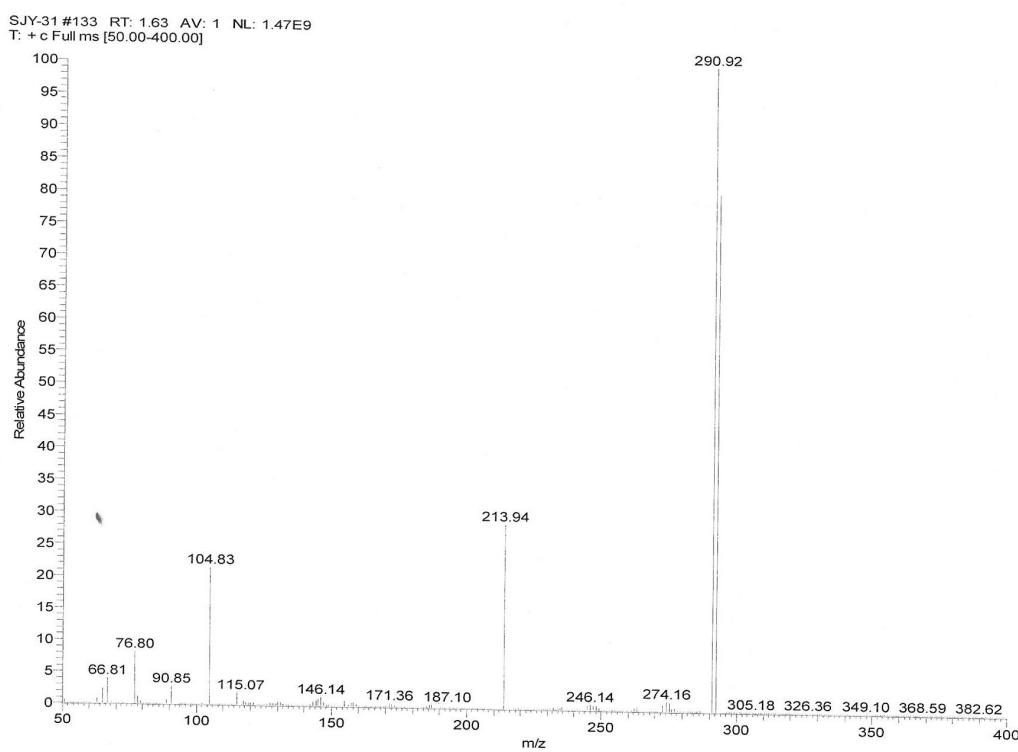
**Figure S1.**  $^1\text{H}$  NMR spectrum of the ligand L<sup>1</sup>.



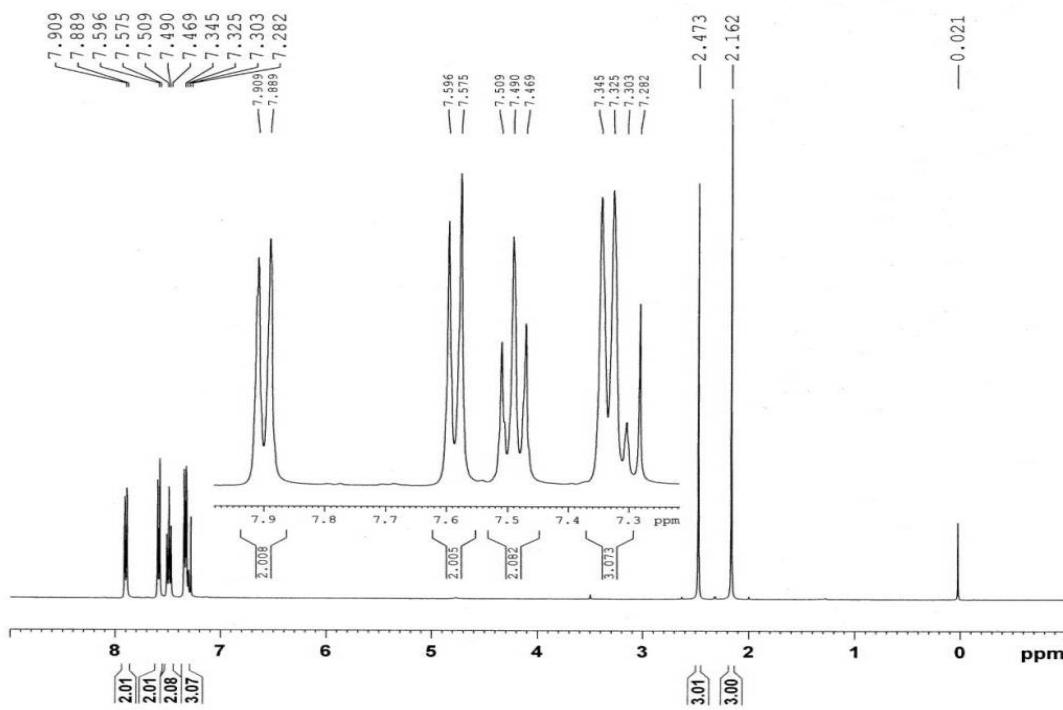
**Figure S2.**  $^{13}\text{C}$  NMR of the ligand L<sup>1</sup>.



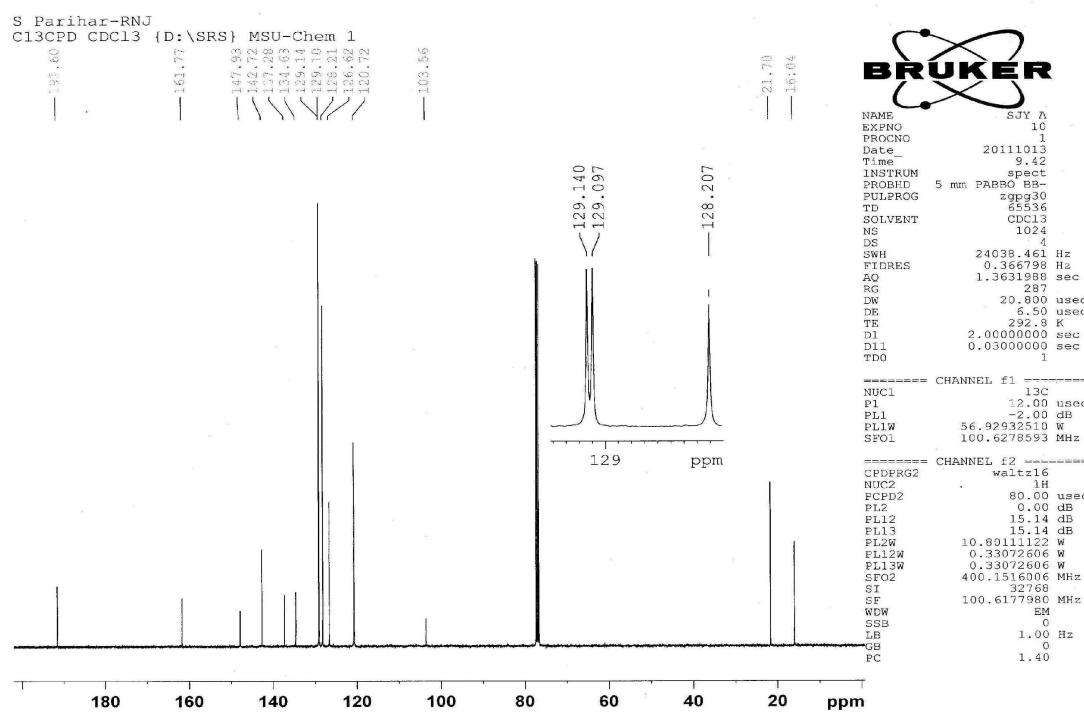
**Figure S3. EI-Mass of the ligand L<sup>1</sup>.**



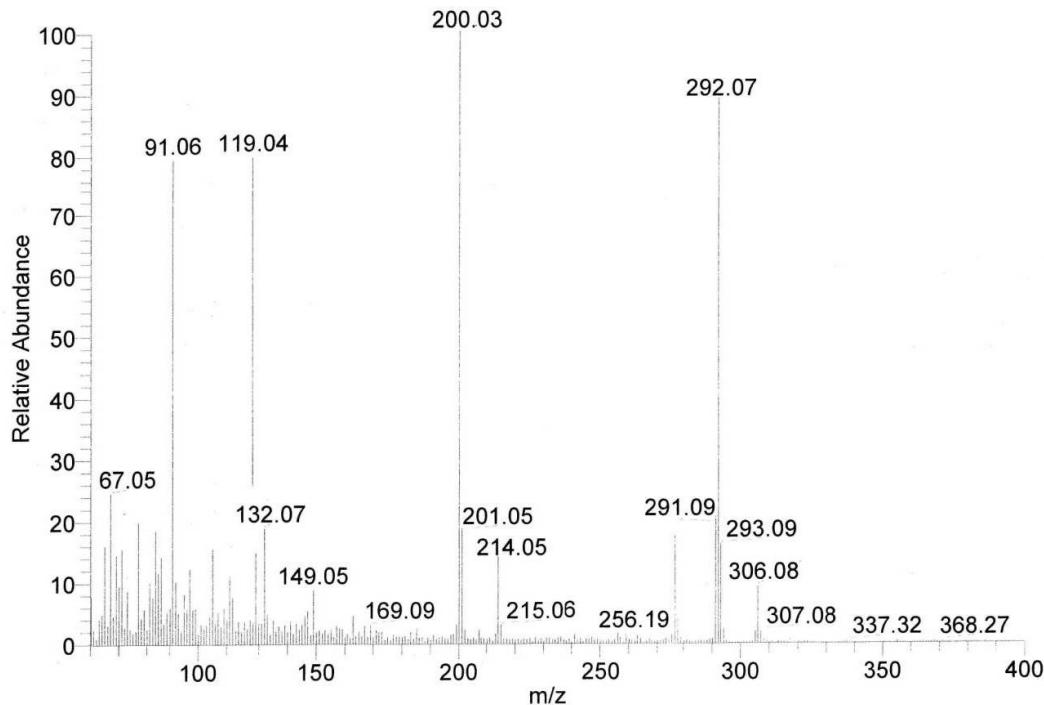
**Figure S4. <sup>1</sup>H NMR spectrum of the ligand L<sup>2</sup>.**



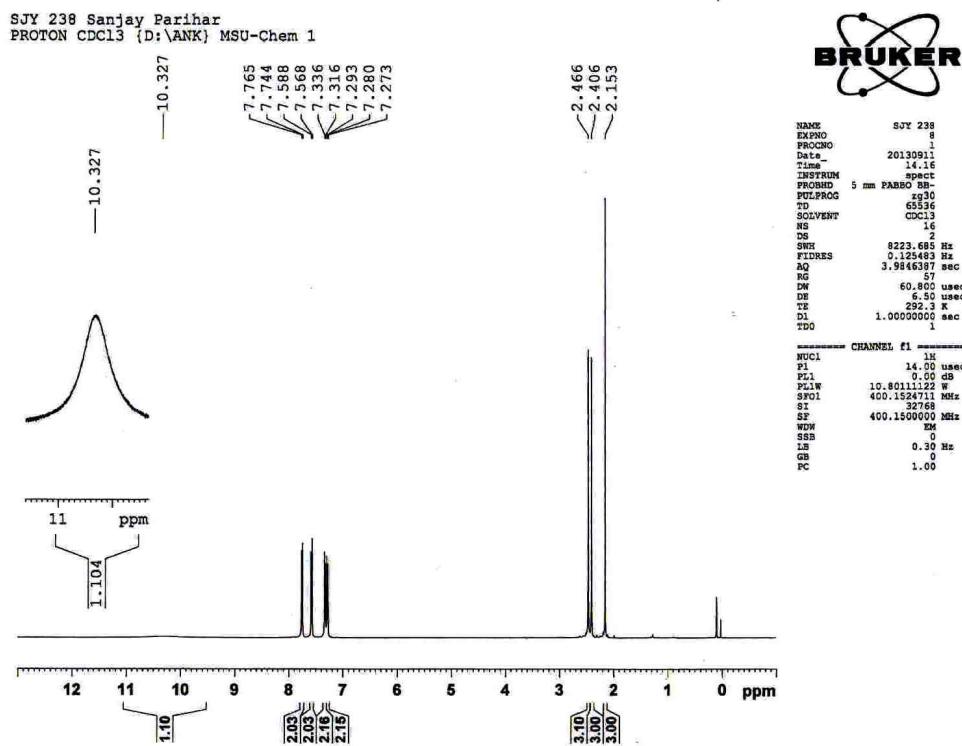
**Figure S5.**  $^{13}\text{C}$  NMR spectrum of the ligand  $\text{L}^2$ .



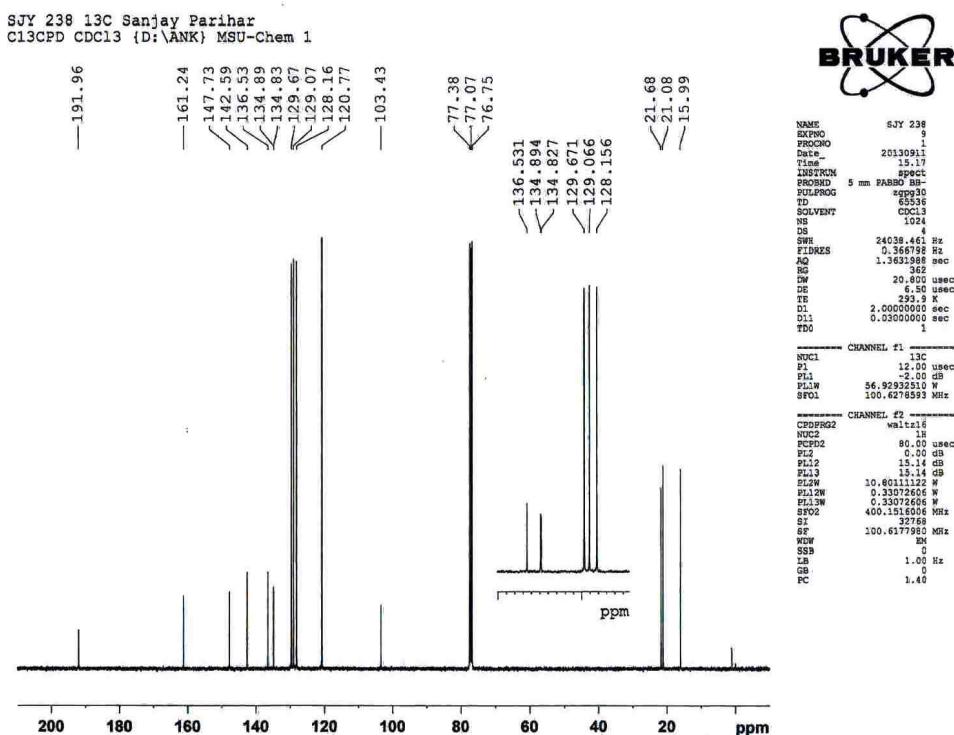
**Figure S6.** EI-Mass of the ligand  $\text{L}^2$ .



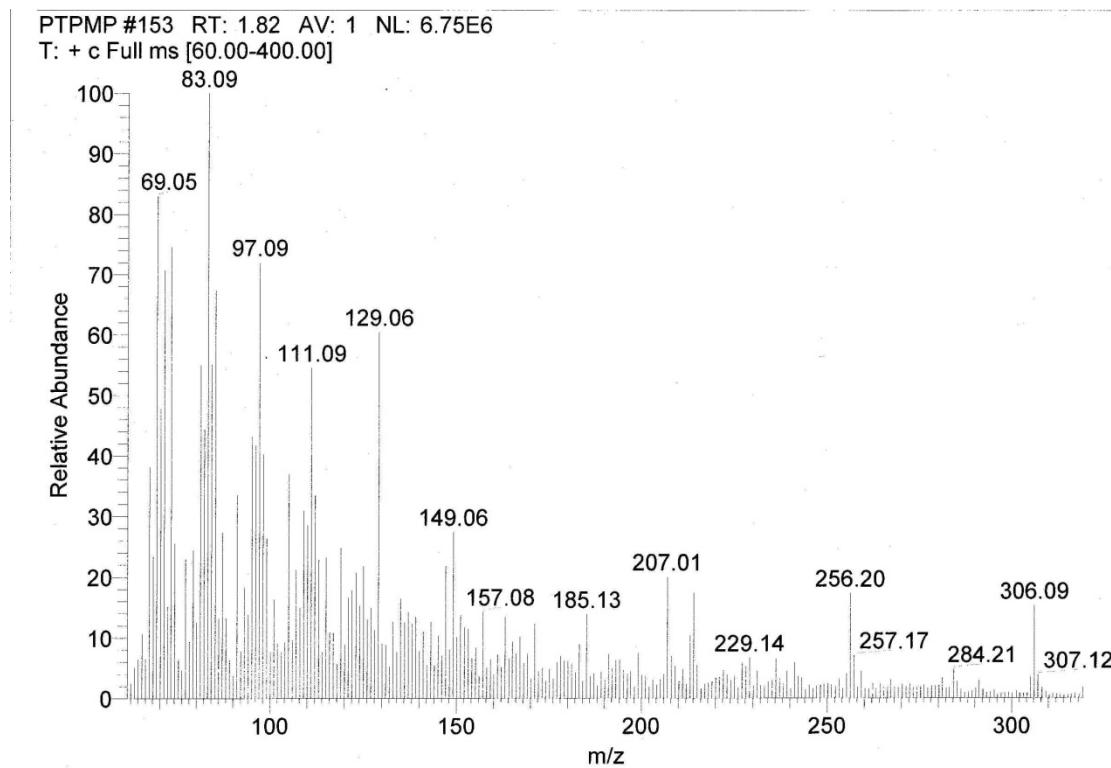
**Figure S7.**  $^1\text{H}$  NMR spectrum of the ligand  $\text{L}^3$ .



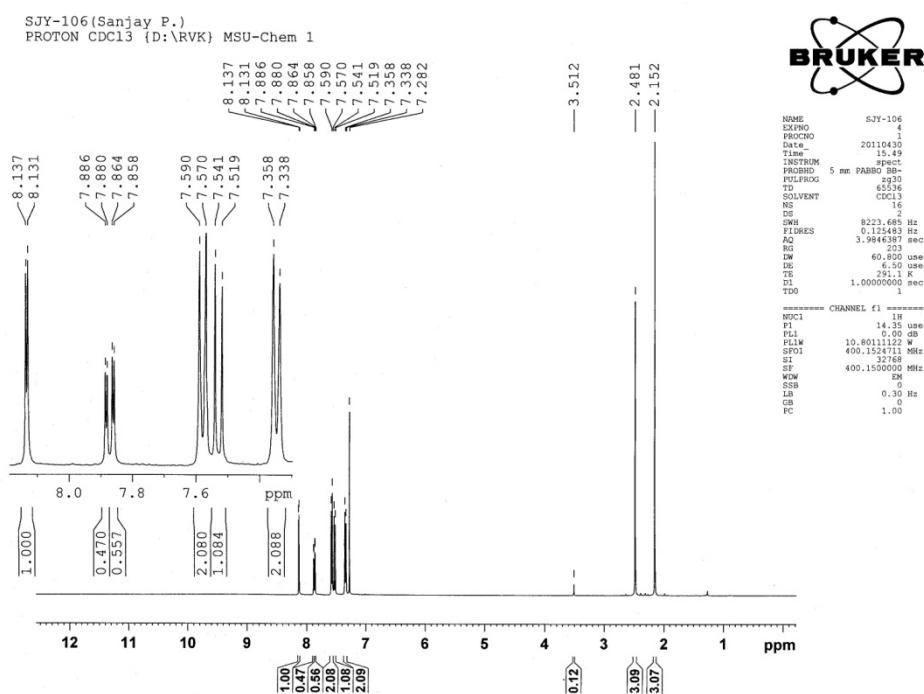
**Figure S8.**  $^{13}\text{C}$  NMR spectrum of the ligand  $\text{L}^3$ .



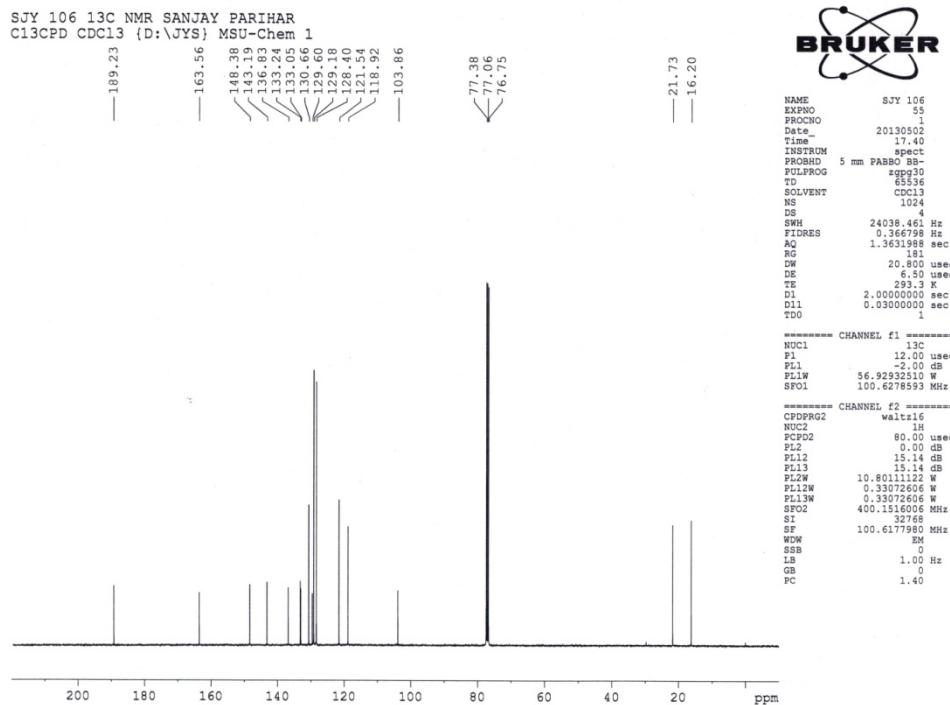
**Figure S9. EI-Mass of the ligand L<sup>3</sup>.**



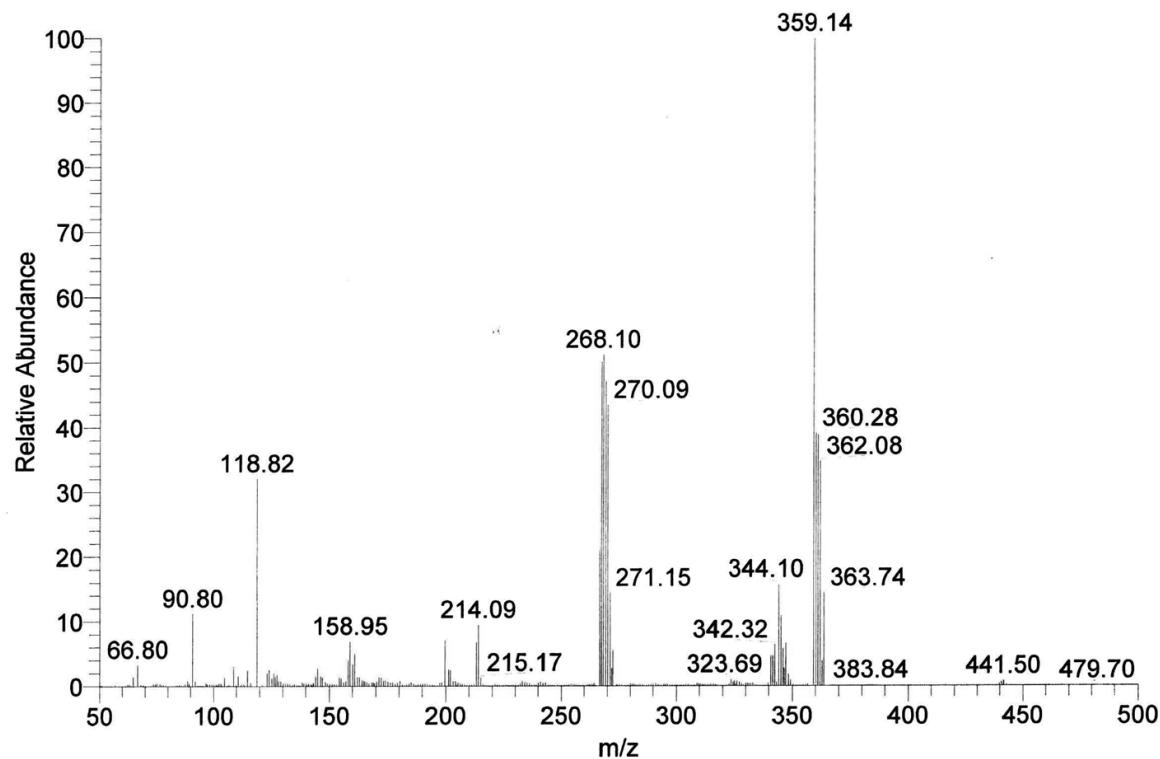
**Figure S10.**  $^1\text{H}$  NMR spectrum of the ligand L<sup>4</sup>.



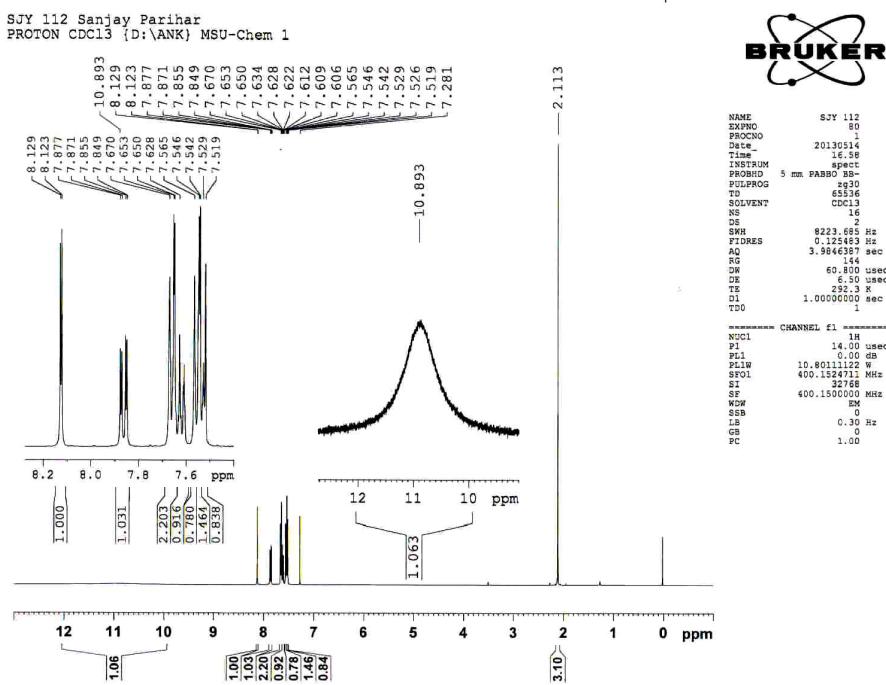
**Figure S11.**  $^{13}\text{C}$  NMR spectrum of the ligand  $\text{L}^4$ .



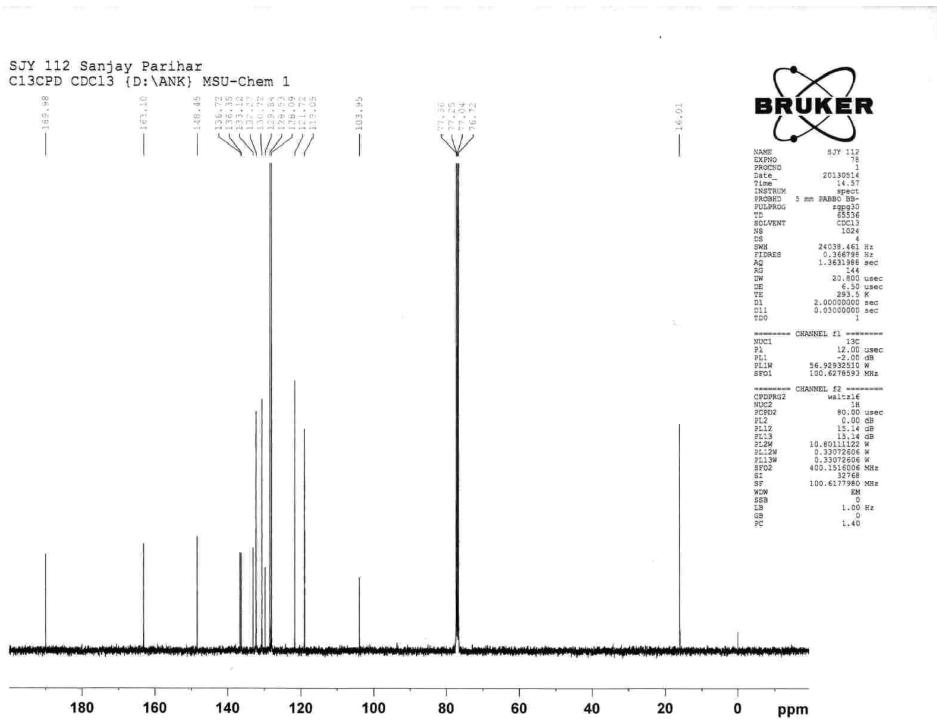
**Figure S12.** EI-Mass of the ligand  $\text{L}^4$ .



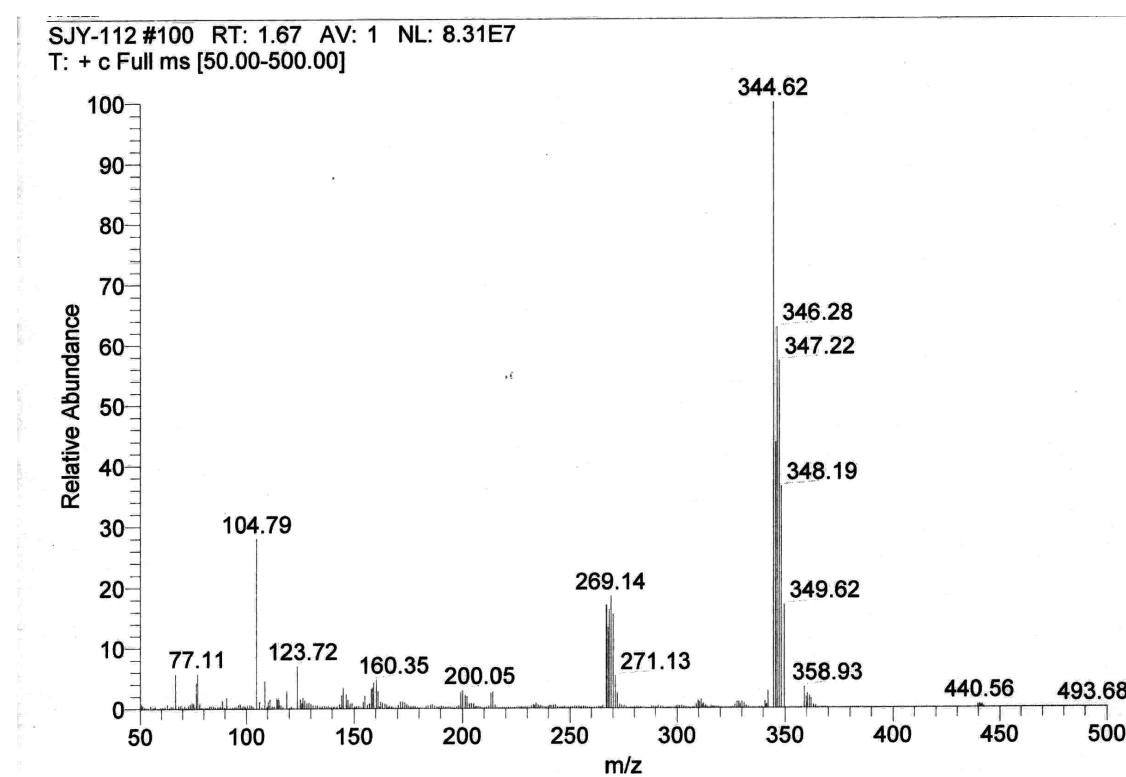
**Figure S13.**  $^1\text{H}$  NMR spectrum of the ligand  $\text{L}^5$ .



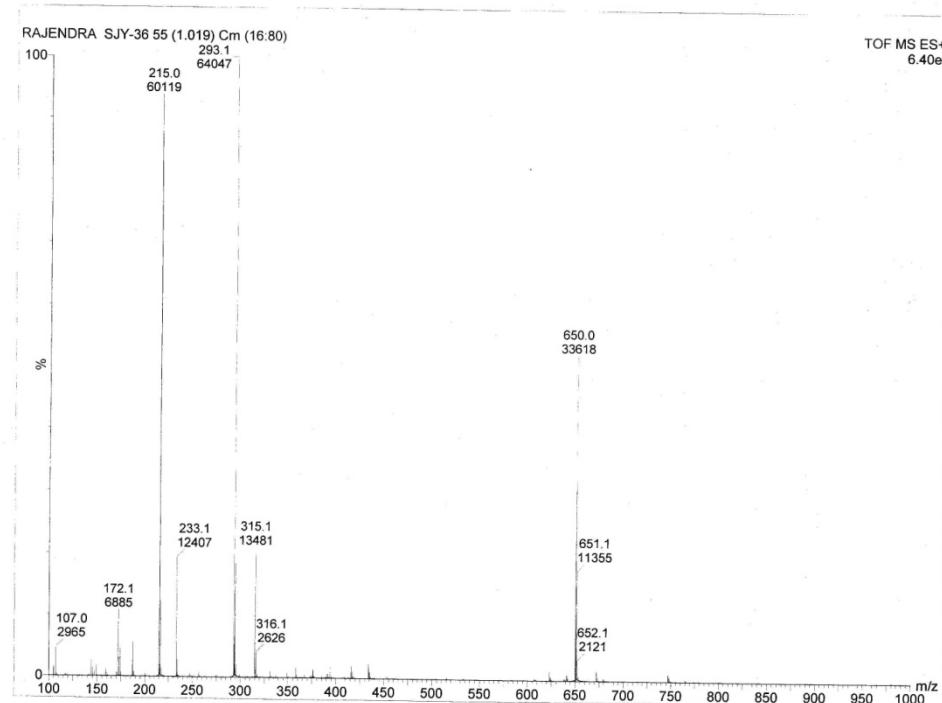
**Figure S14.**  $^{13}\text{C}$  NMR spectrum of the ligand  $\text{L}^5$ .



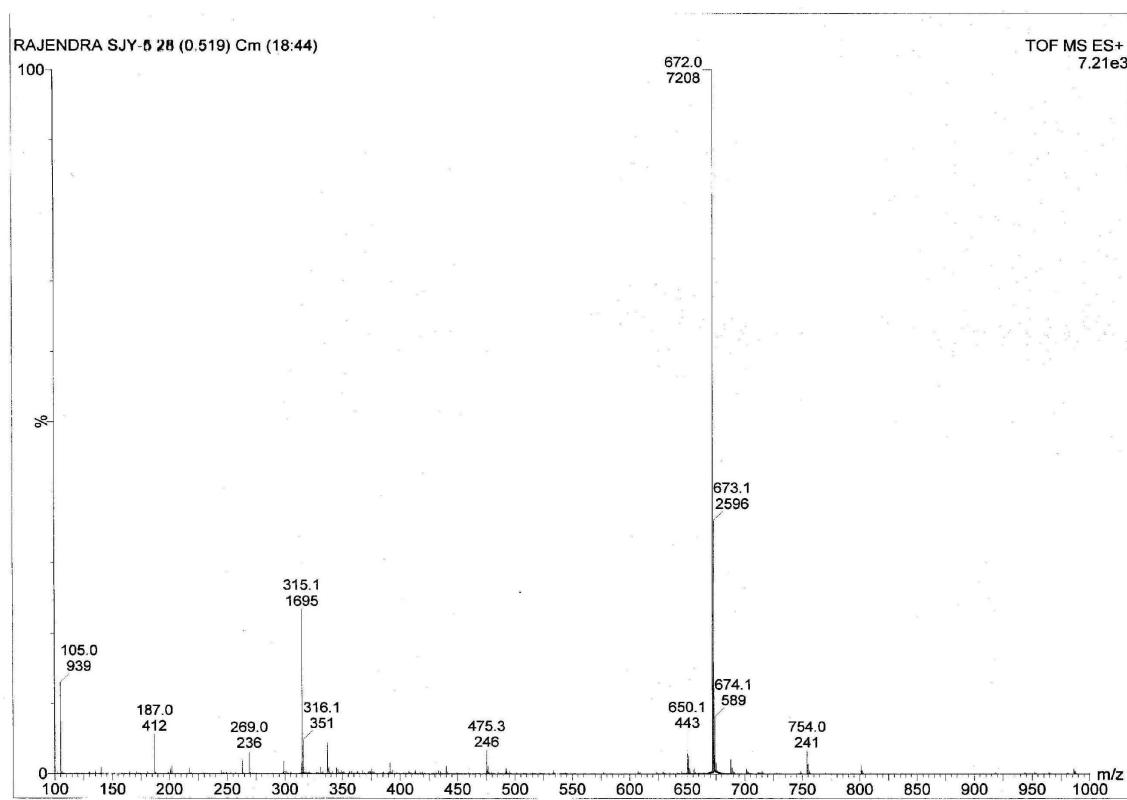
**Figure S15.** EI-Mass of the ligand L<sup>5</sup>.



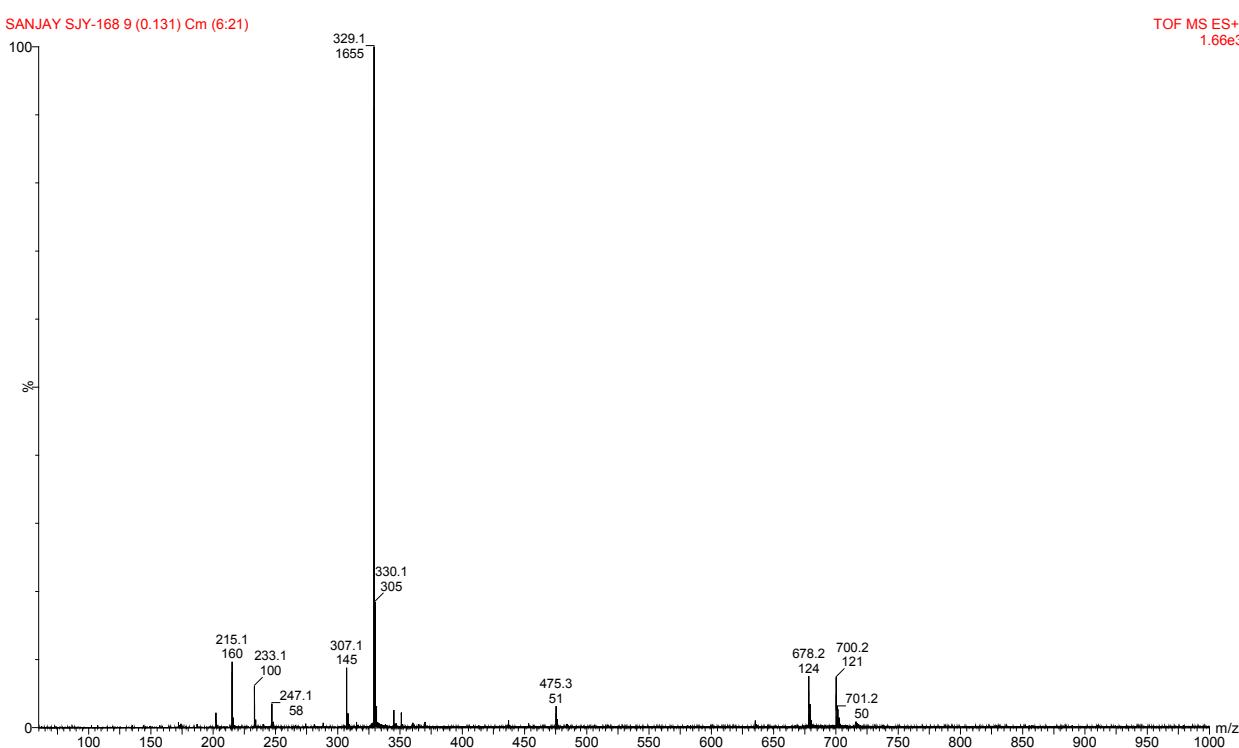
**Figure S16.** ESI-Mass of the complex [VO(L<sup>1</sup>)<sub>2</sub>].



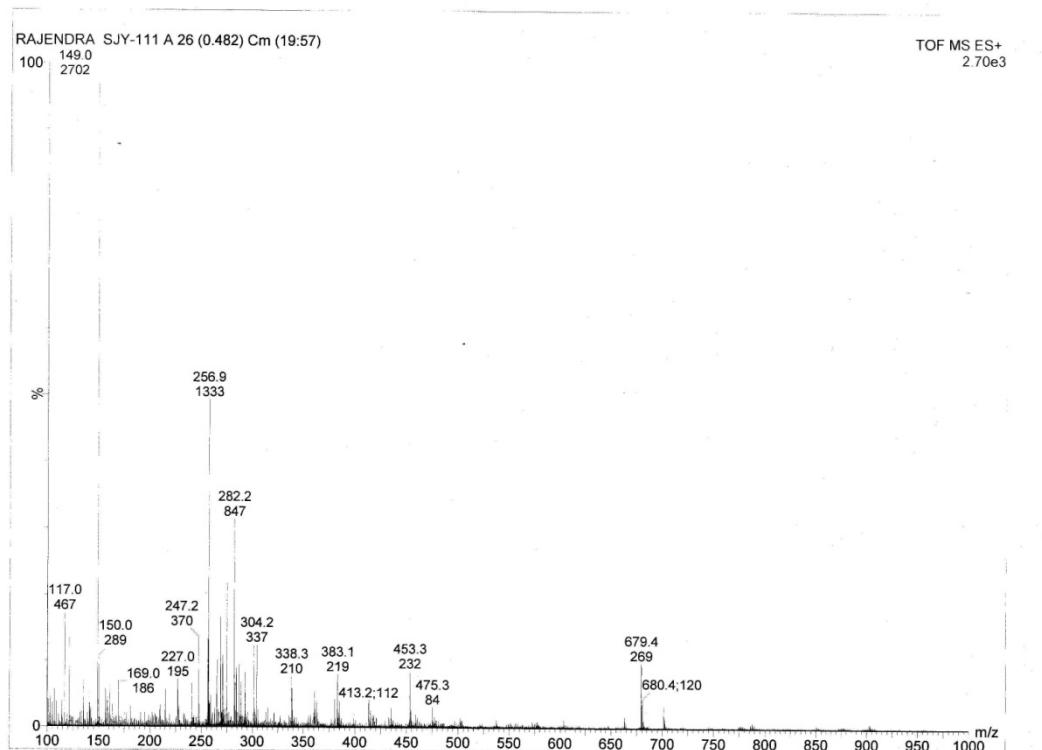
**Figure S17. ESI-Mass of the complex  $[VO(L^2)_2]$ .**



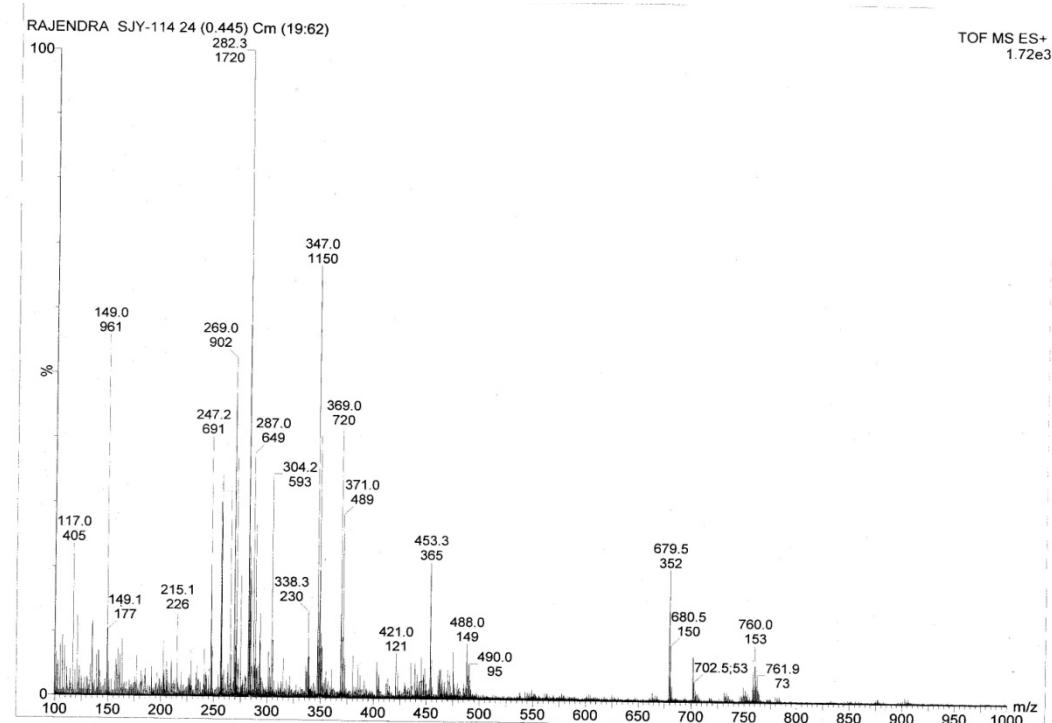
**Figure S18. ESI-Mass of the complex  $[VO(L^3)_2]$ .**



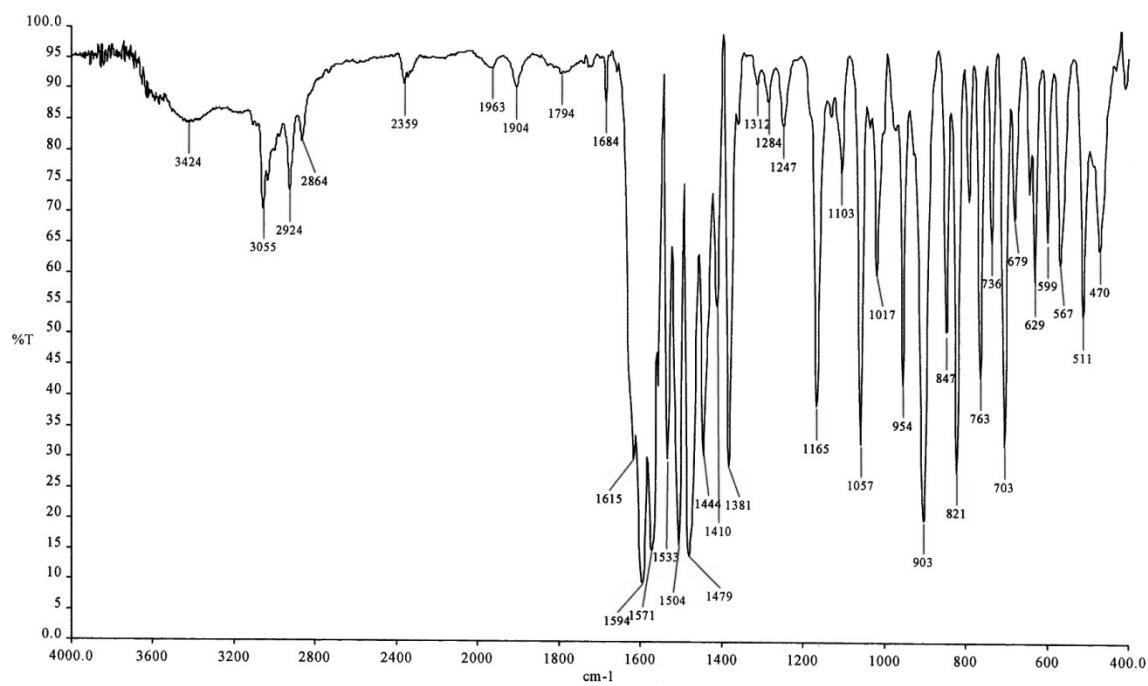
**Figure S19. ESI-Mass of the complex  $[VO(L^4)_2]$ .**



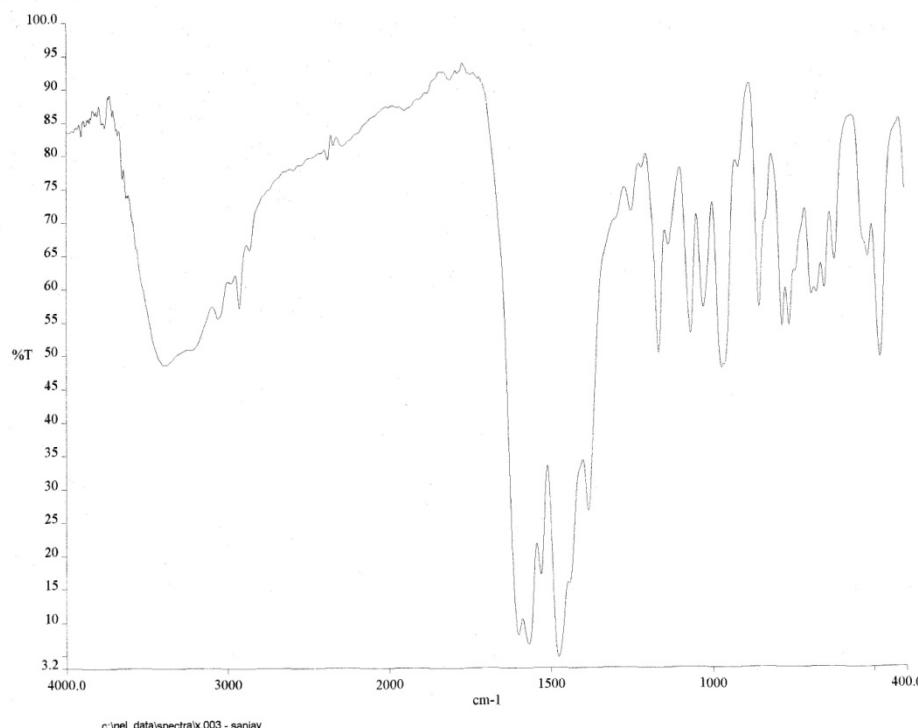
**Figure S20. ESI-Mass of the complex  $[VO(L^5)_2]$ .**



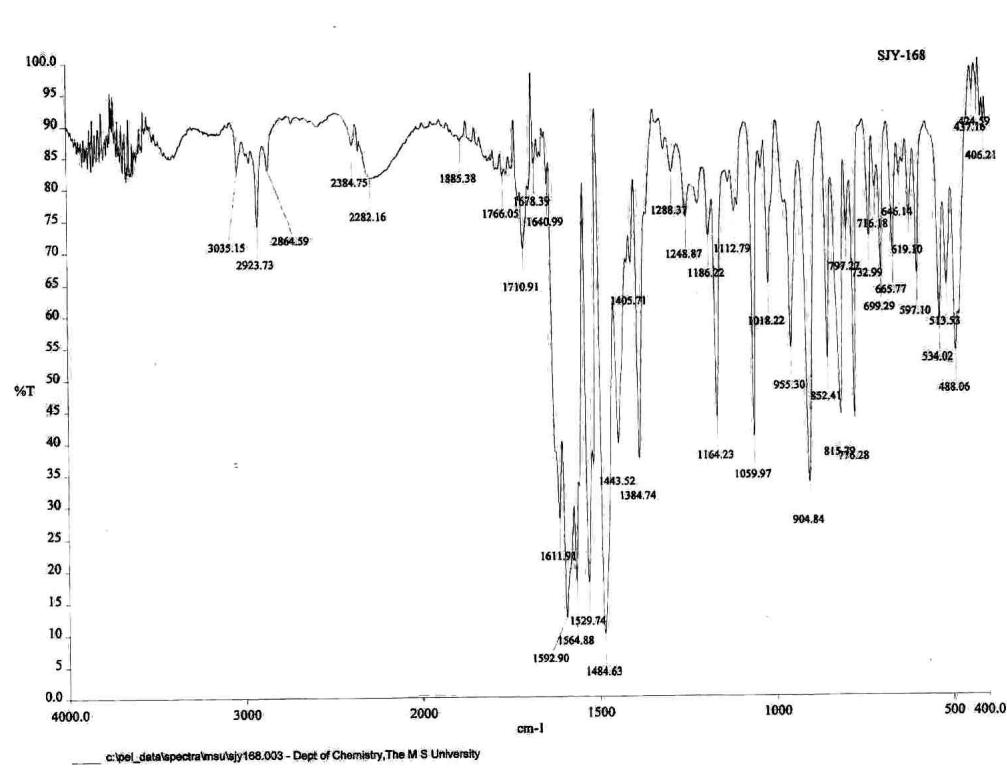
**Figure S21.** IR spectrum of the complex  $[\text{VO}(\text{L}^1)_2]$ .



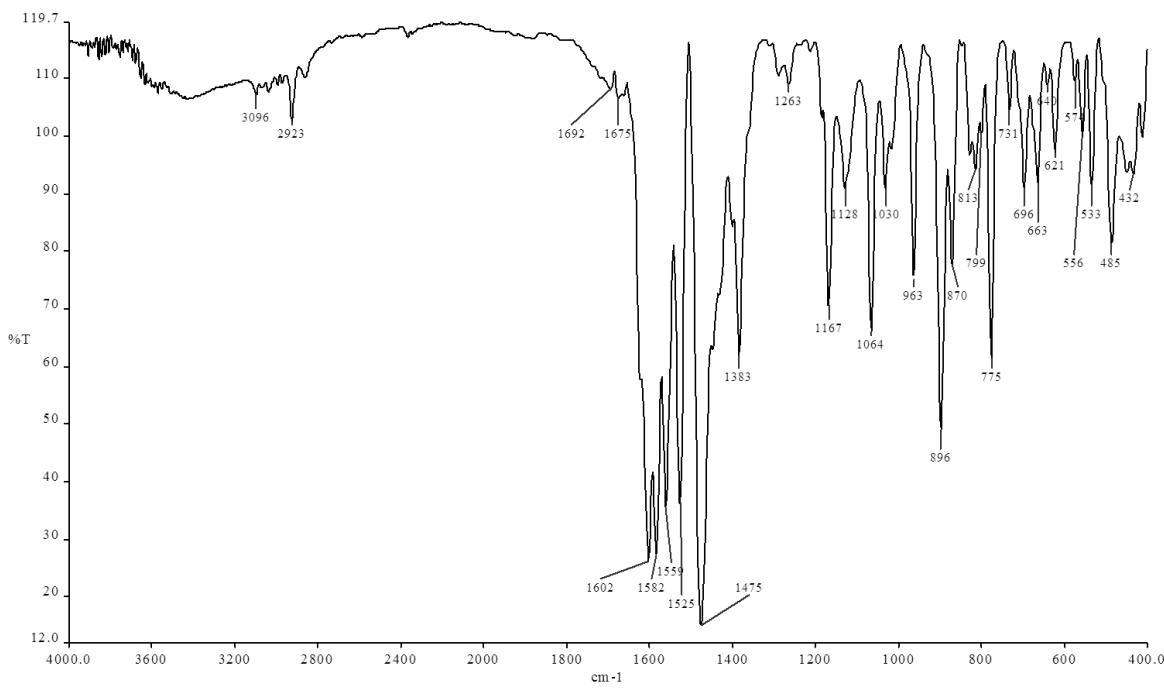
**Figure S22.** IR spectrum of the complex  $[\text{VO}(\text{L}^2)_2]$ .



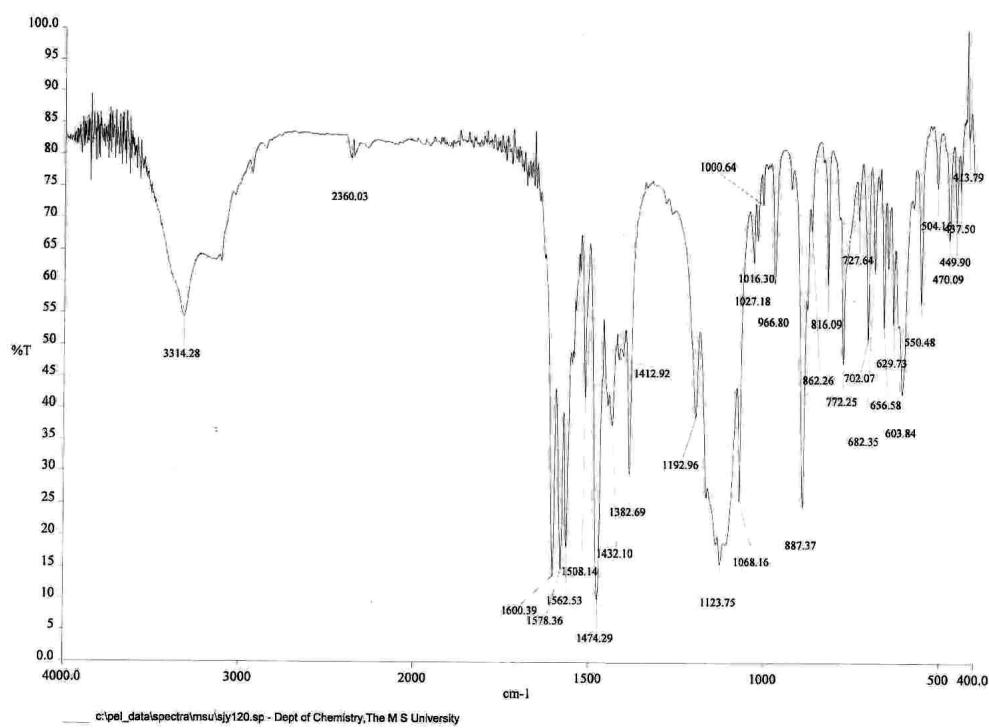
**Figure S23.** IR spectrum of the complex  $[\text{VO}(\text{L}^3)_2]$ .



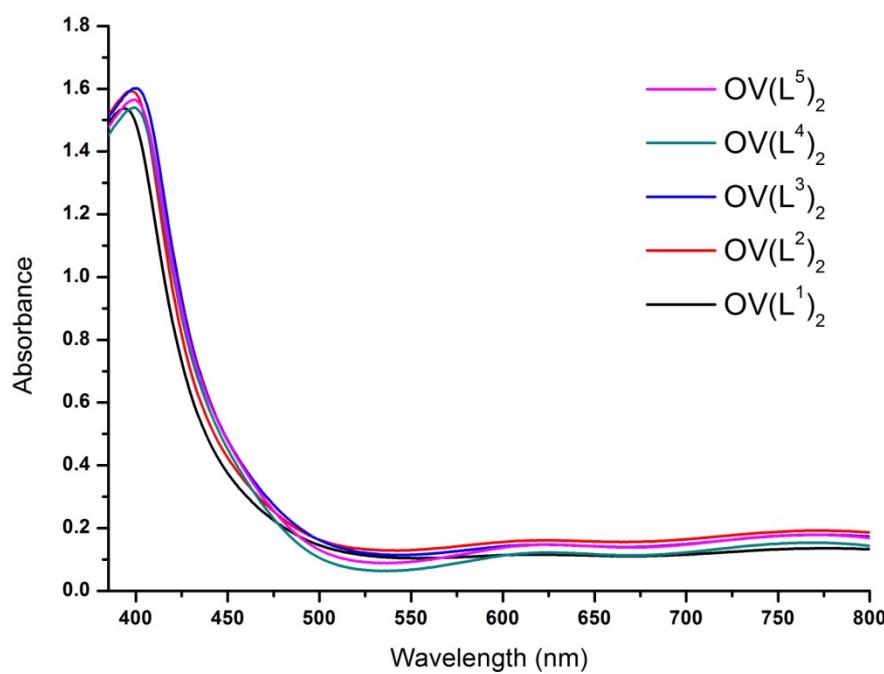
**Figure S24.** IR spectrum of the complex  $[\text{VO}(\text{L}^4)_2]$ .



**Figure S25.** IR spectrum of the complex  $[\text{VO}(\text{L}^5)_2]$ .



**Figure S26.** UV-Vis spectra of the complexes.



**Figure S26.** ESR spectrum of  $[\text{VO}(\text{L}^1)_2]$ .

