

### Supplementary Data

This supplementary data is a part of a paper entitled “Synthesis, Thermal Analysis, and Thermodynamic Properties Study of New Quinoline Derivative and Their V(IV), Co(II), and Cu(II) Complexes”.

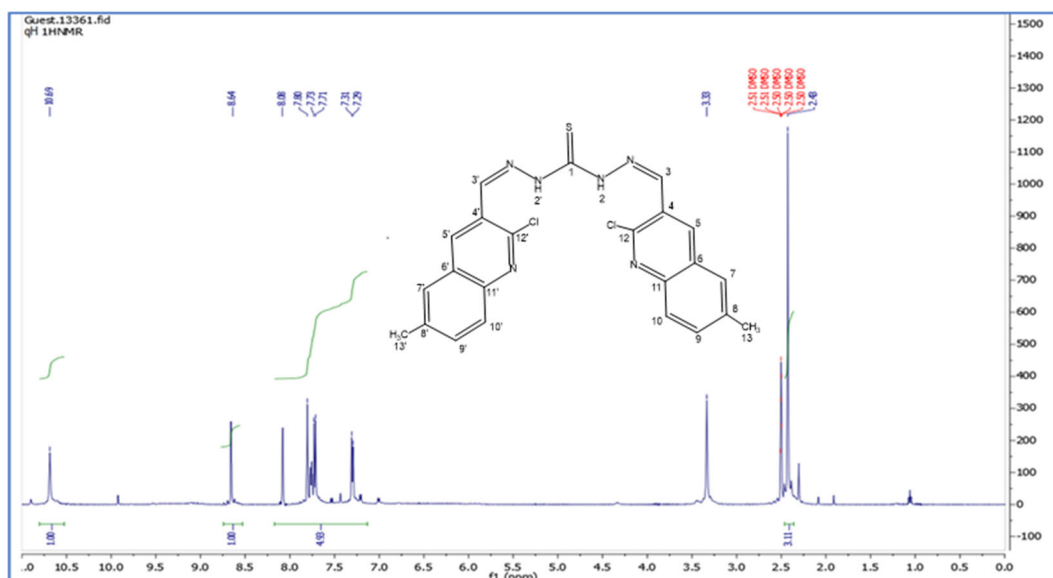


Fig S1. <sup>1</sup>H-NMR spectra of QH

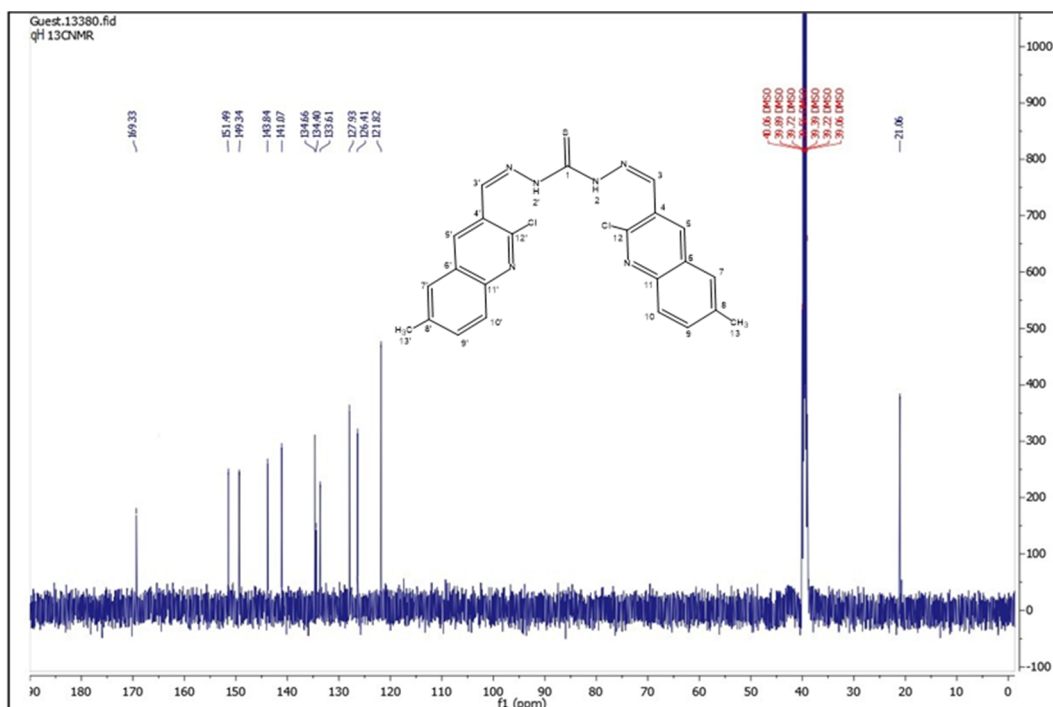


Fig S2. <sup>13</sup>C-NMR spectra of QH

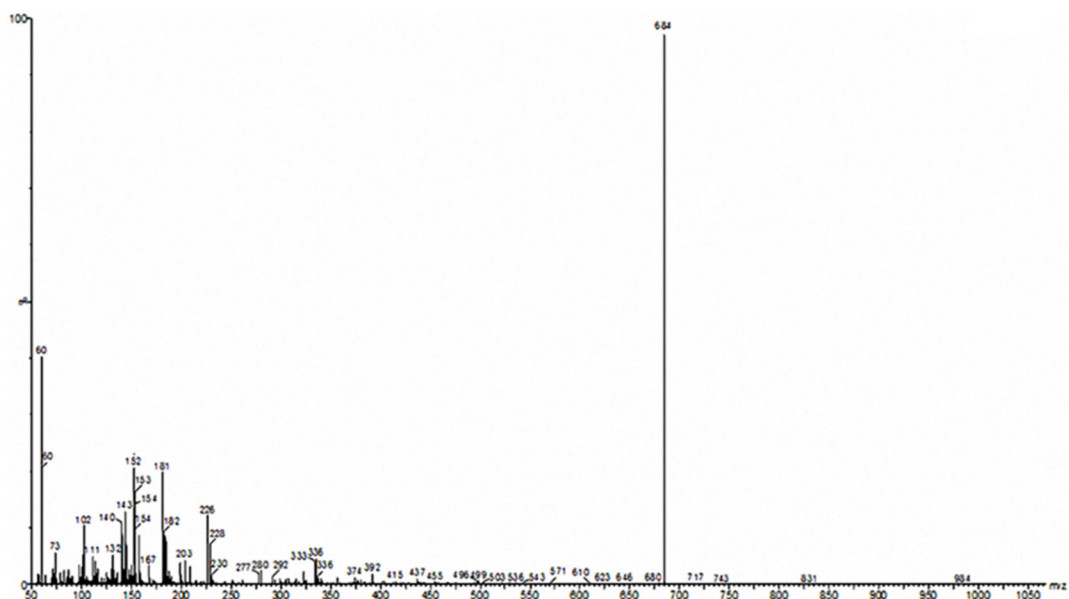


Fig S3. The Electrospray Ionization (ESI) spectra of the compound QCo

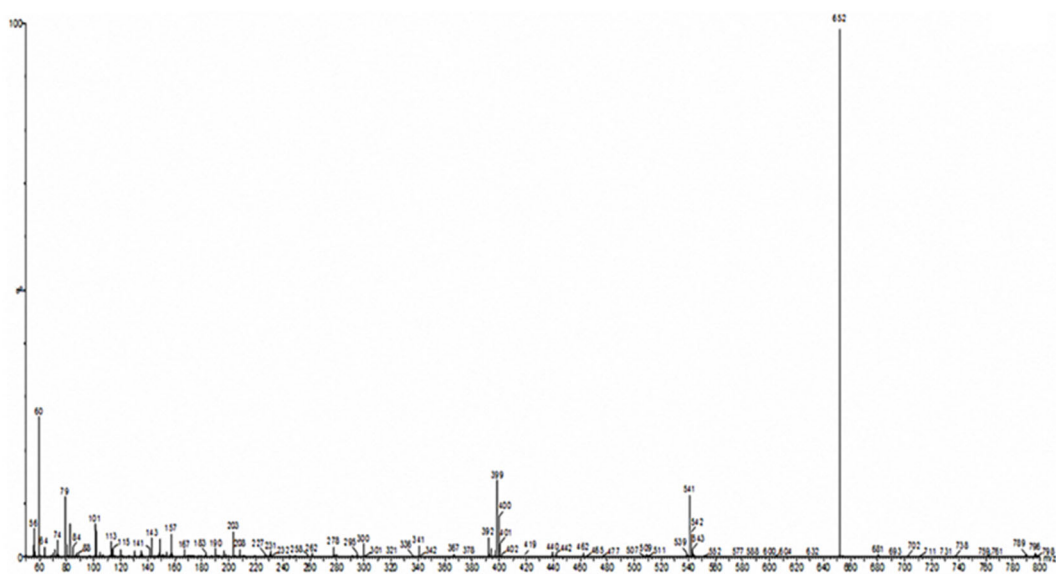


Fig S4. The Electrospray Ionization (ESI) spectra of the compound QCu

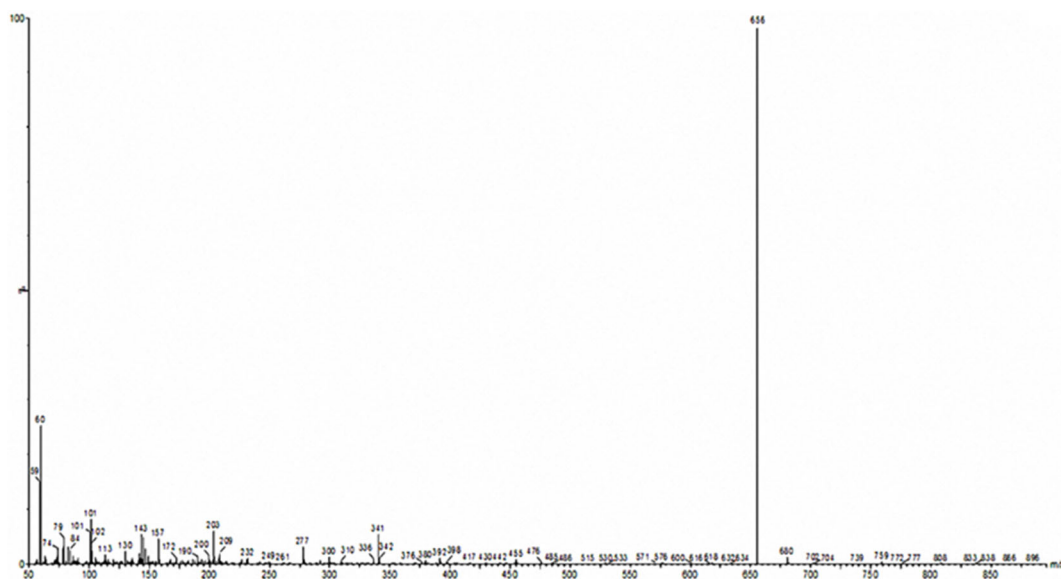


Fig S5. The Electrospray Ionization (ESI) spectra of the compound QV

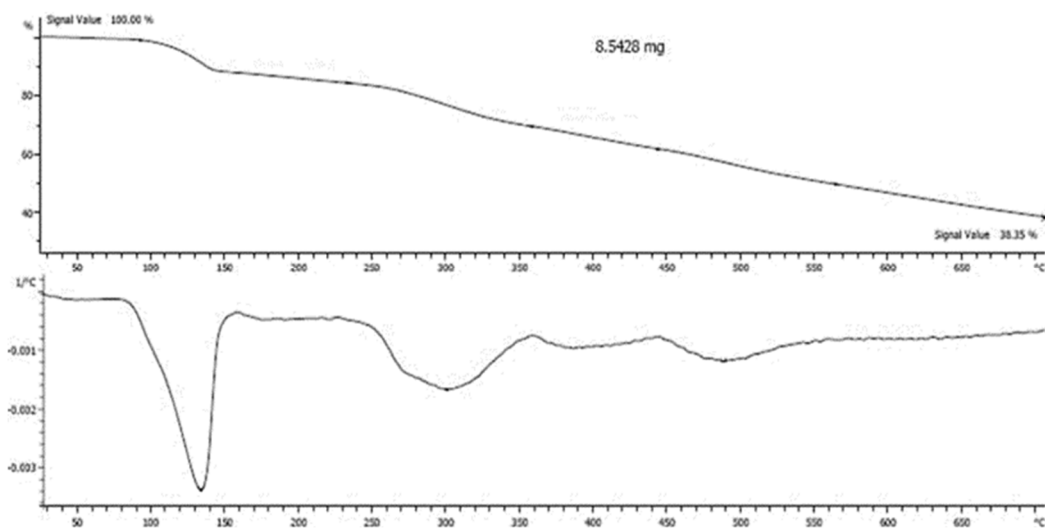


Fig S6. TG and DTG of the QCo complex

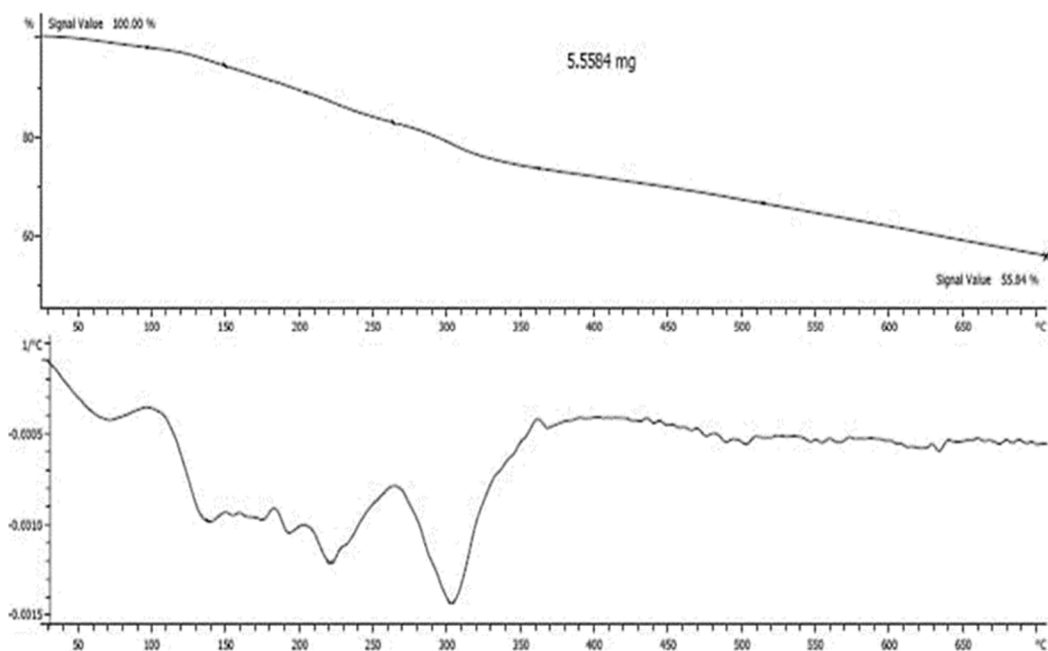


Fig S7. TG and DTG for the QCu complex

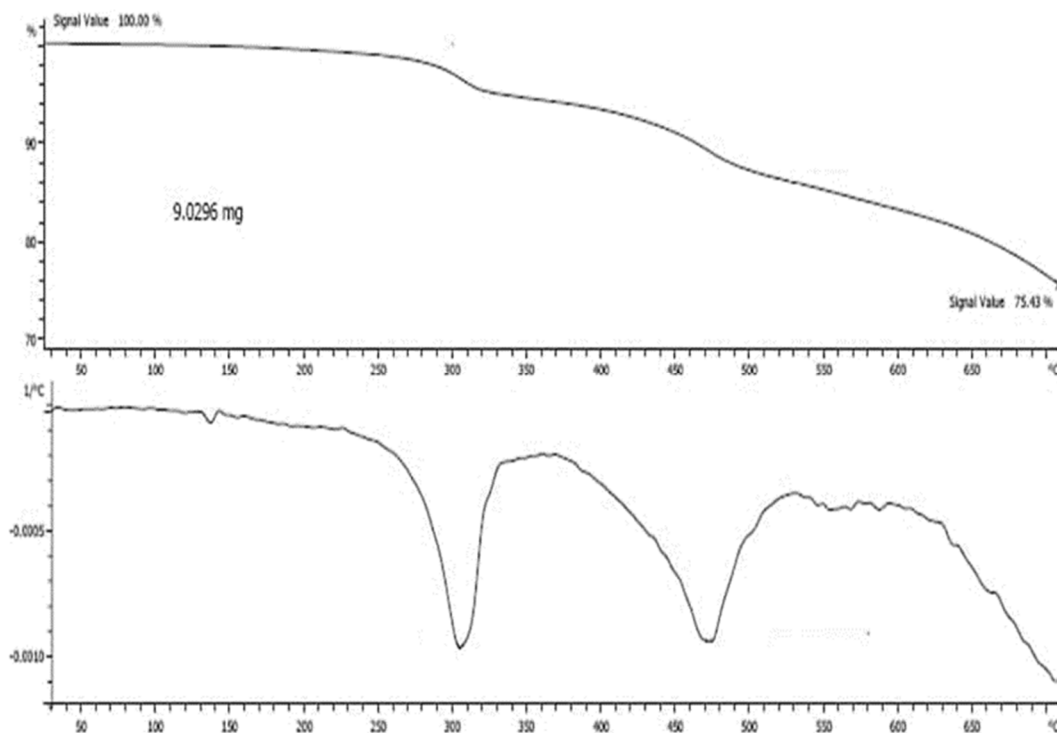


Fig S8. TG and DTG for the QV complex