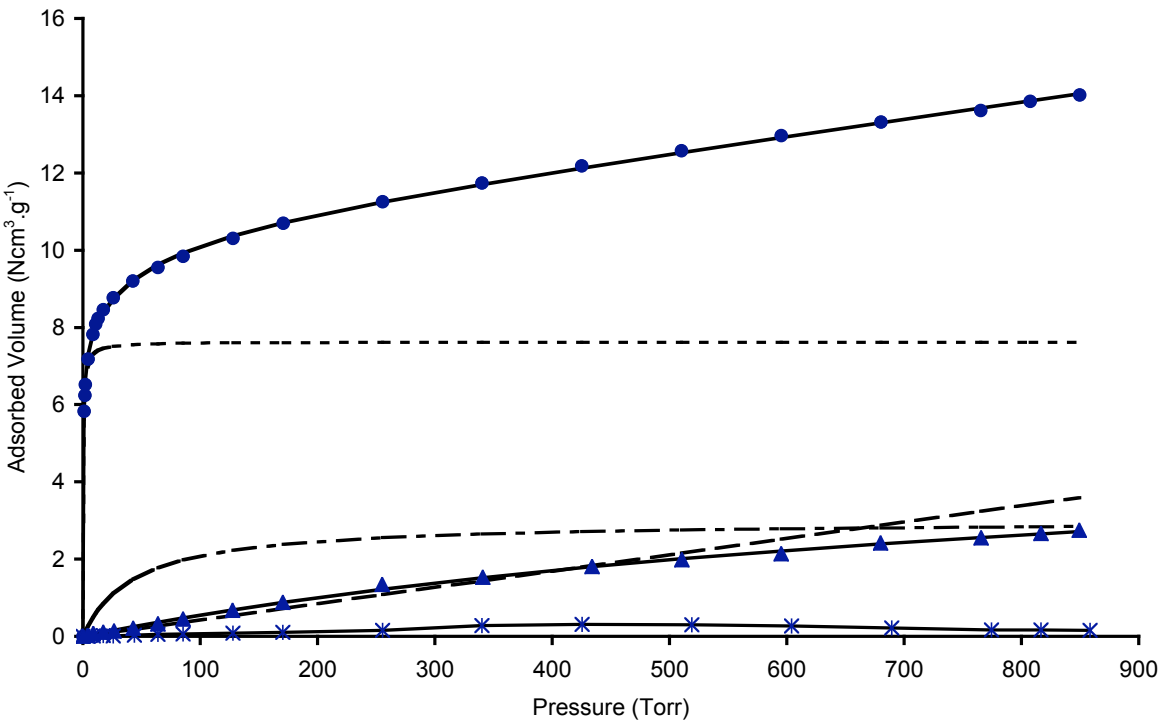

Fig. S1 Adsorption isotherms for Corrole 5 at 293 K of • CO, ✶ N_2 and ▲ O_2, and — calculated isotherms with, ---- component 1, —·— component 2, — — — component 3 of the CO isotherm.

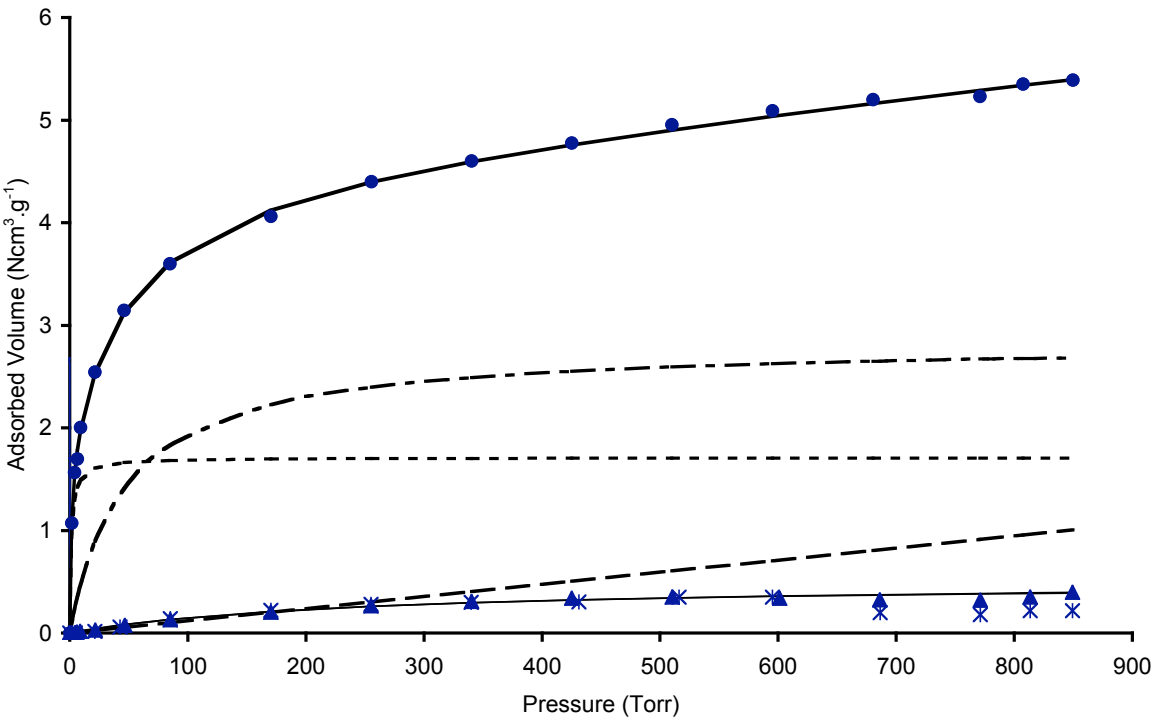

Fig. S2 Adsorption isotherms for Corrole 6 at 293 K of • CO, ✶ N_2 and ▲ O_2, and — calculated isotherms with, ---- component 1, —·— component 2, — — — component 3 of the CO isotherm.

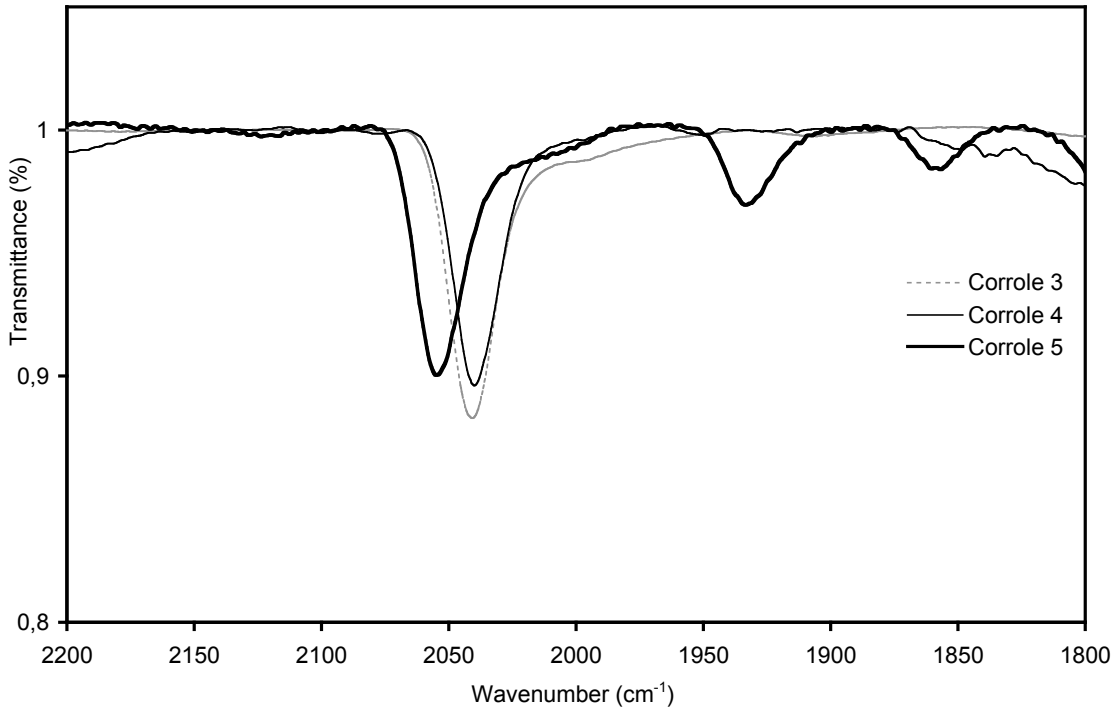

Fig. S2 FTIR spectra after CO adsorption for Corroles 3, 4 and 5.