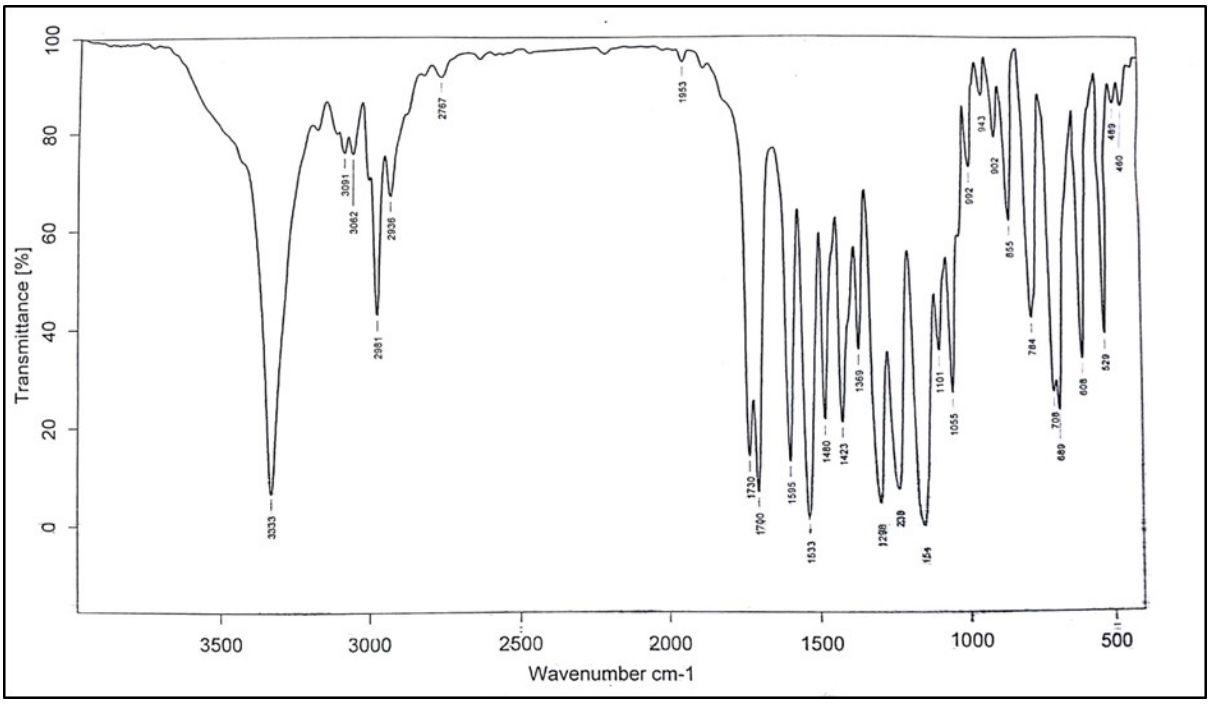
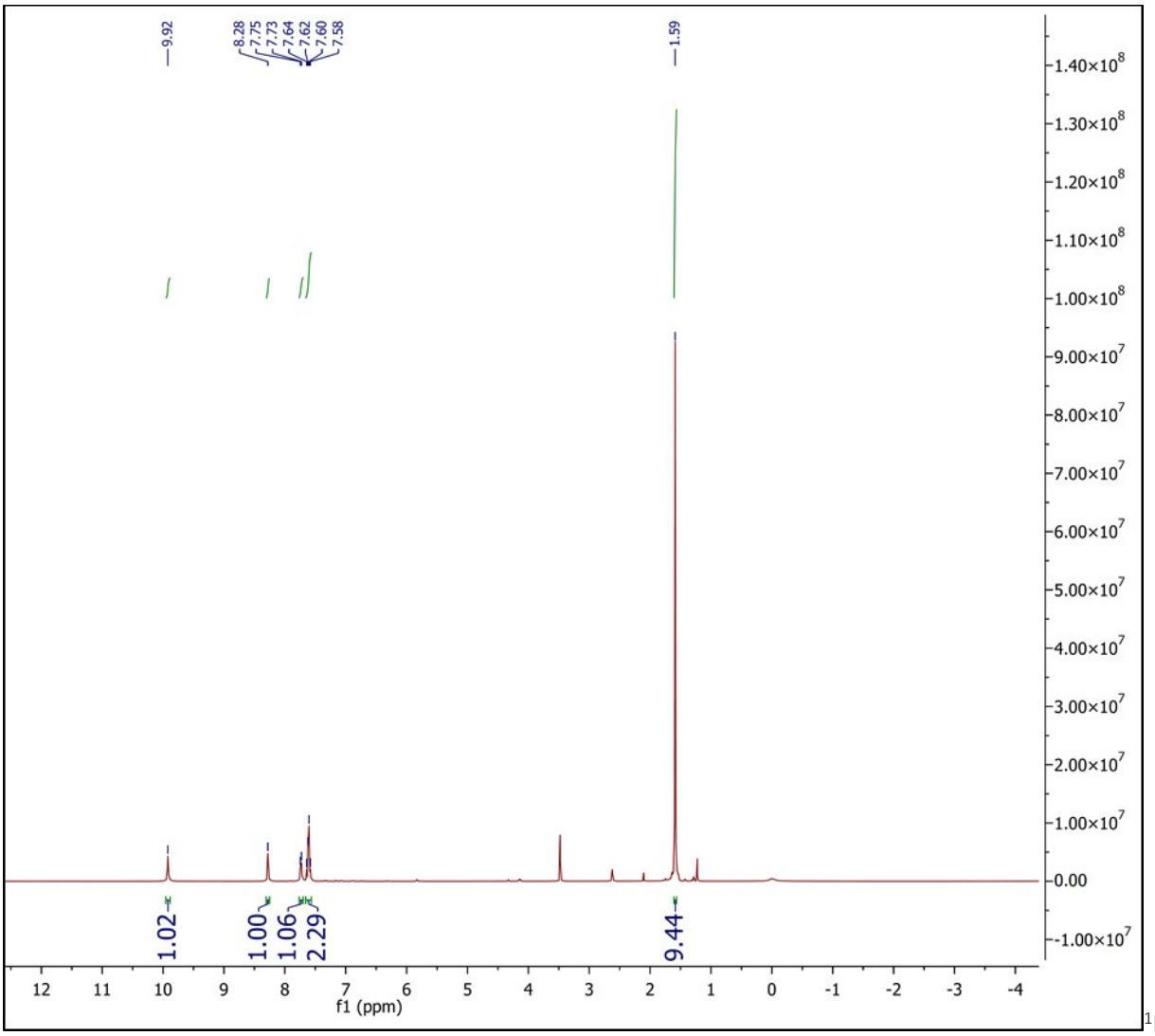
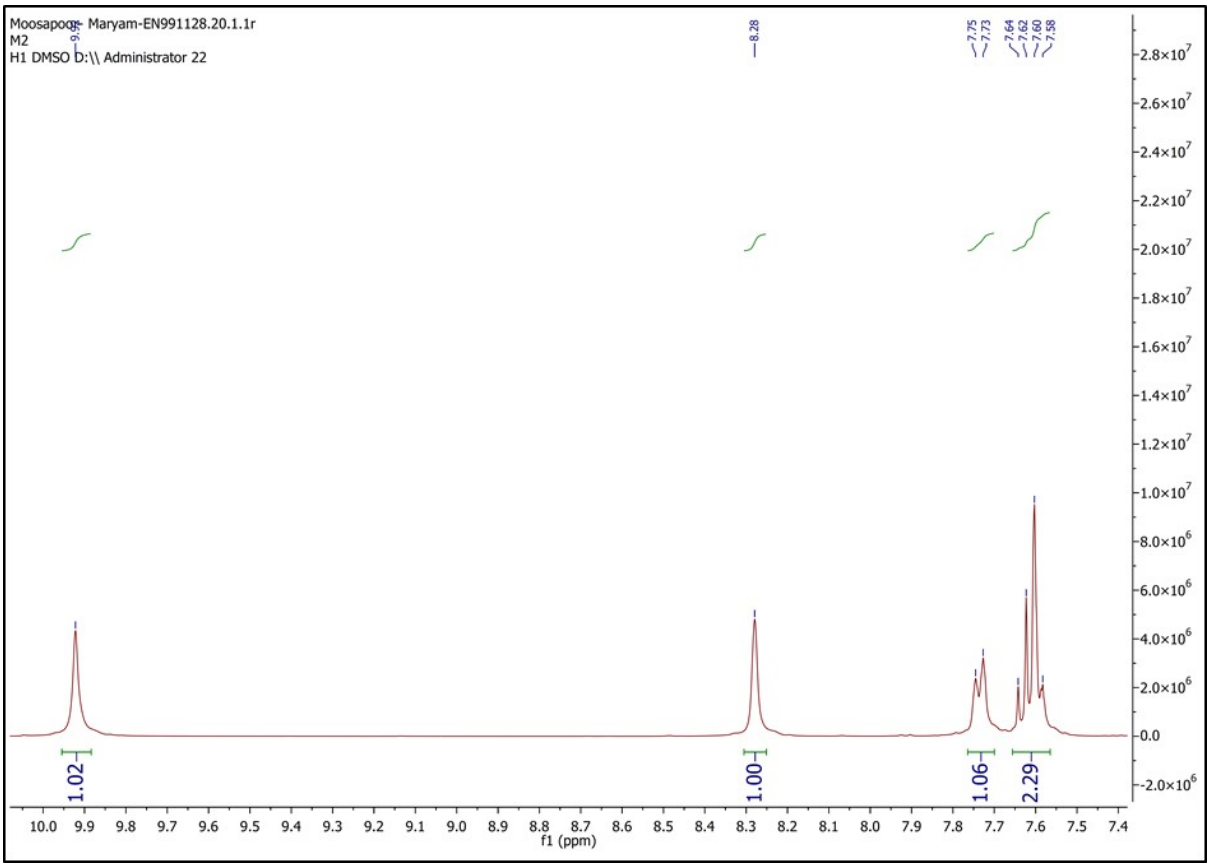
di-tert-Butyl (sulfonylbis(1,3-phenylene))dicarbamate: FT-IR (KBr): v = 3333, 2981, 1730, 1700, 1595, 1533, 1480 cm^{-1}. ^{1}HNMR (500 MHz, DMSO-d_6) σ: 1.59 (9H, s, 3×CH_3), 7.58-7.64 (2H, m, arom), 7.74 (1H, d, *J* =8 Hz, arom), 8.28 (1H, s, arom), 9.92 (1H, s, NH) ^{13}CNMR (100 MHz, DMSO-d_6): 27.97, 79.80, 115.79, 120.55, 122.59, 130.18, 140.67, 141.48, 152.58.



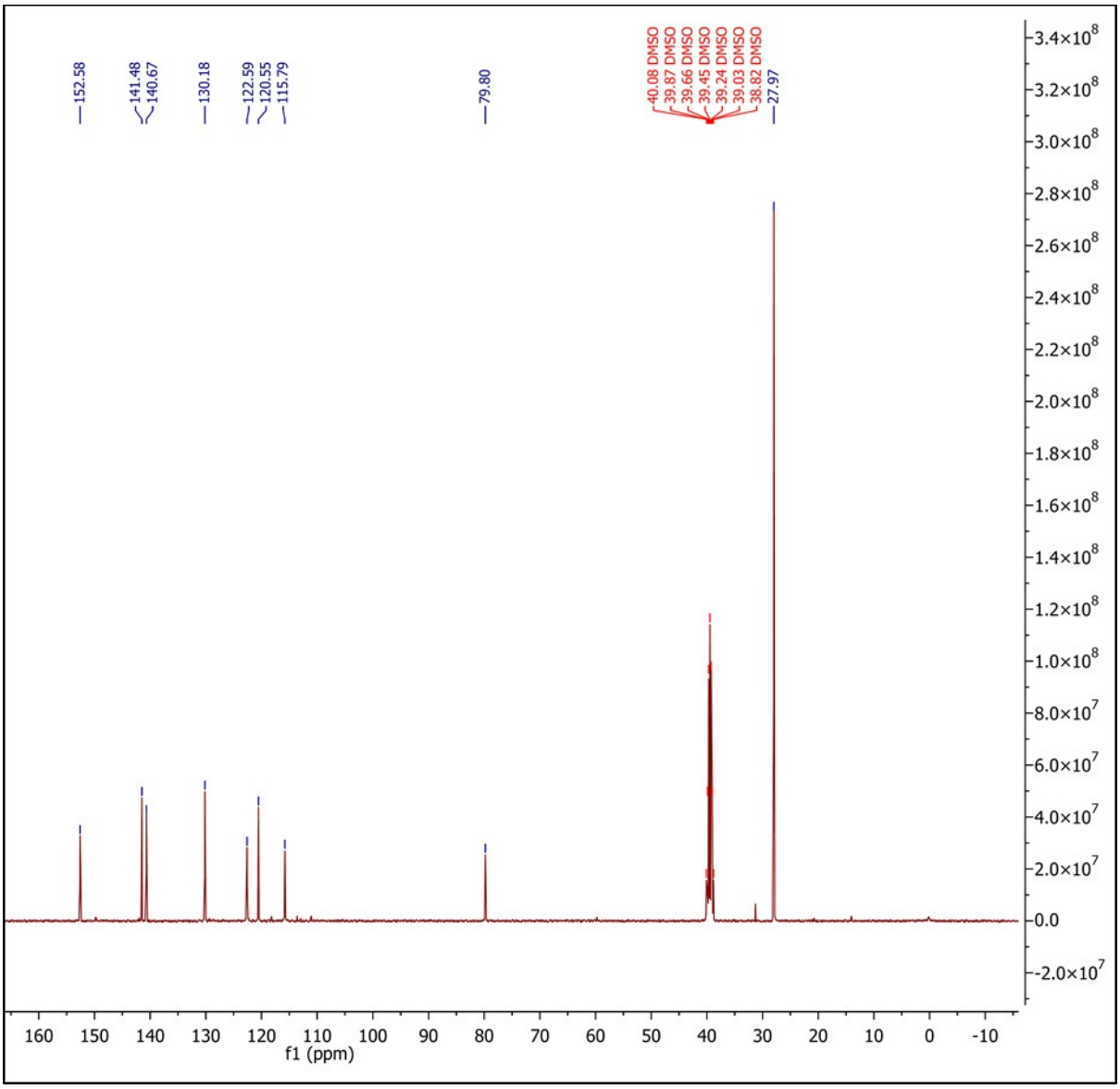
FT-IR spectrum of di-tert-Butyl (sulfonylbis(1,3-phenylene))dicarbamate



^{1}H NMR spectrum of di-tert-Butyl (sulfonylbis(1,3-phenylene))dicarbamate



[1]HNMR spectrum of di-tert-Butyl (sulfonylbis(1,3-phenylene))dicarbamate



^{13}CNMR spectrum of di-tert-Butyl (sulfonylbis(1,3-phenylene))dicarbamate

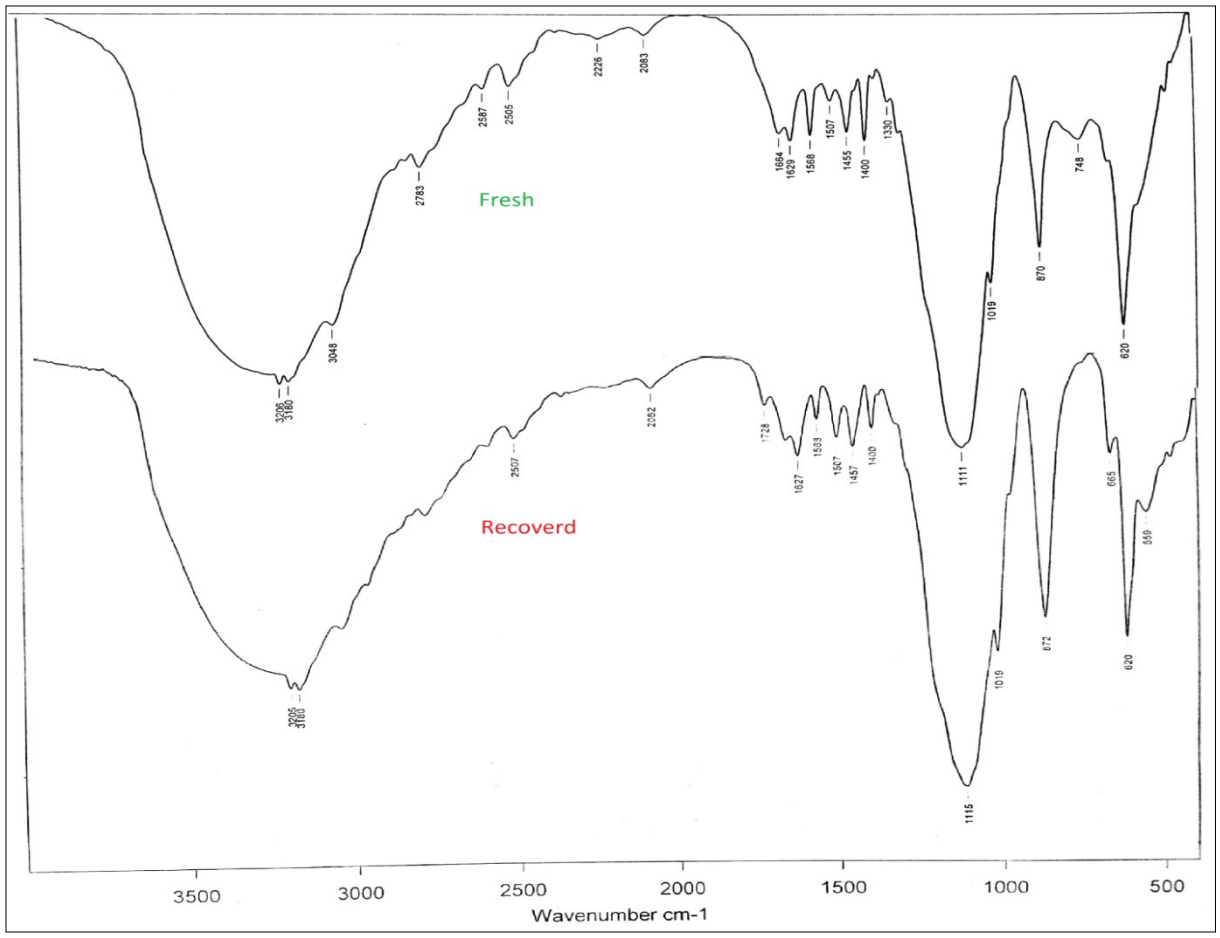


Figure FT-IR spectra of fresh PINZS (up) in comparison with its recovered form (down).