

## SUPPLEMENTARY SECTION

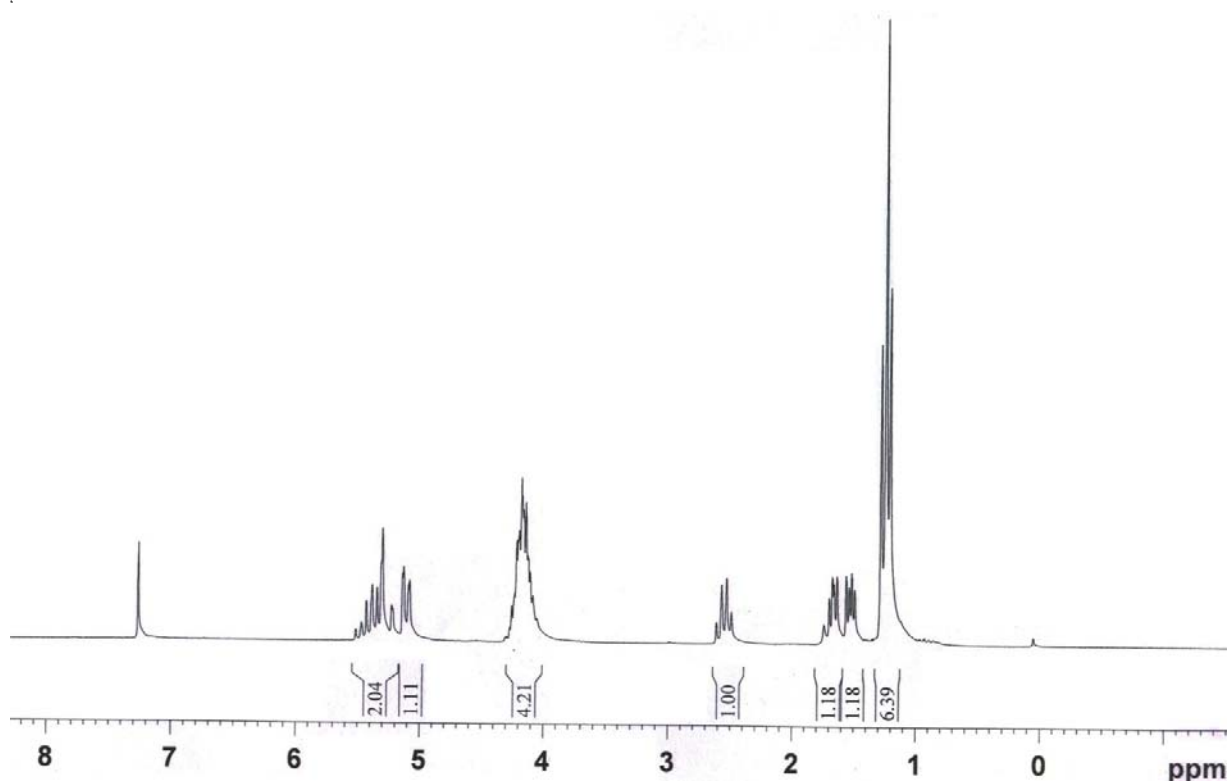
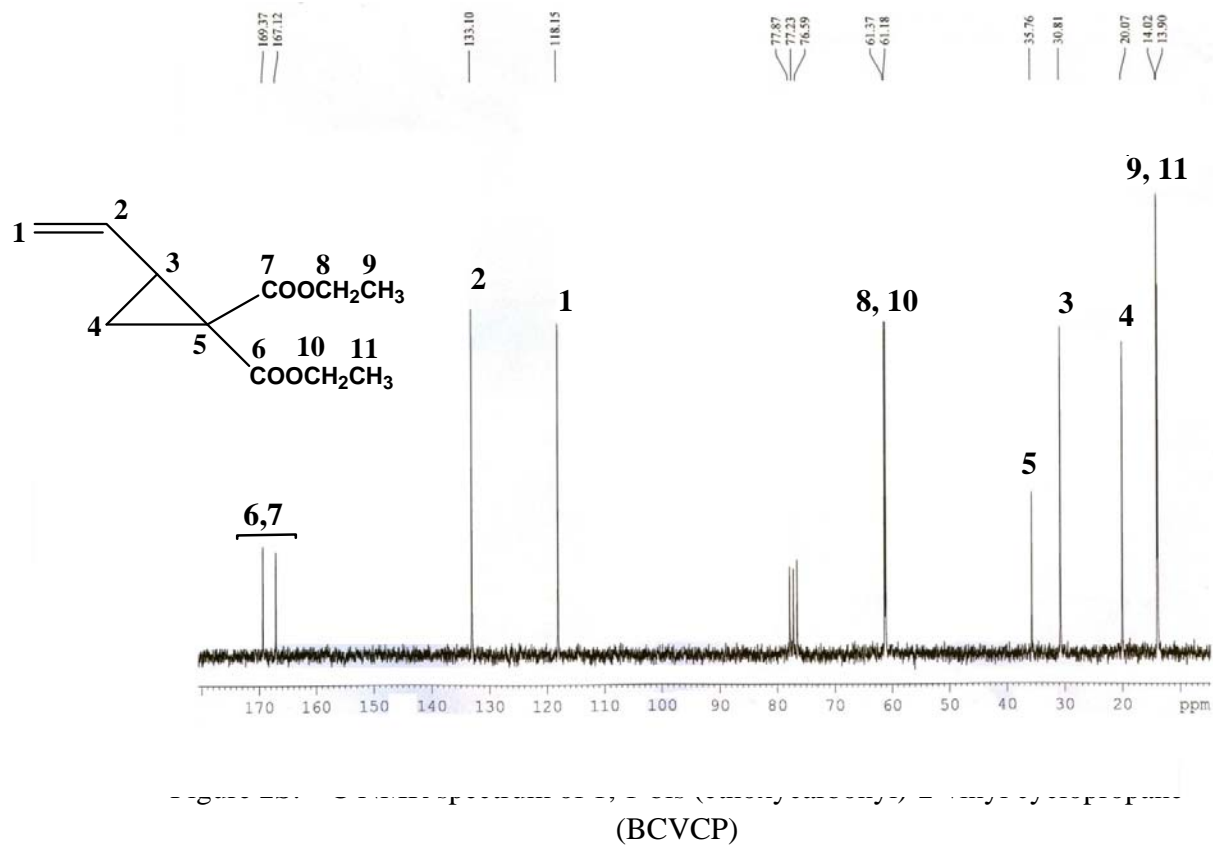
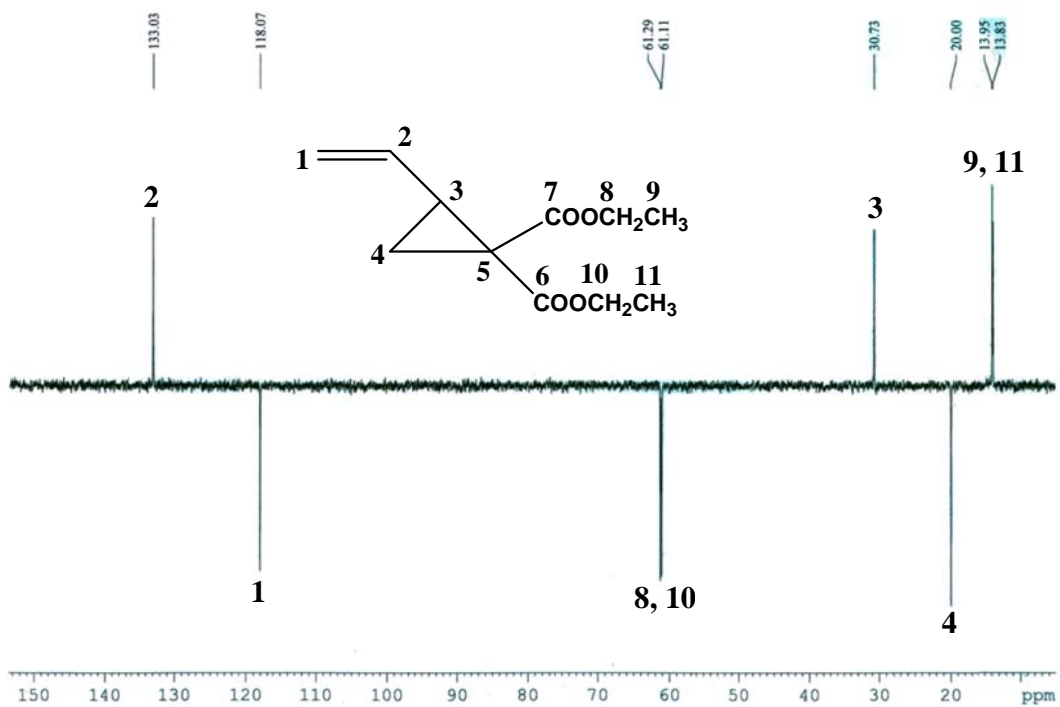


Figure 1S:  $^1\text{H}$  NMR spectrum of 1,1-bis(ethoxycarbonyl)-2-vinyl cyclopropane (BCVCP)





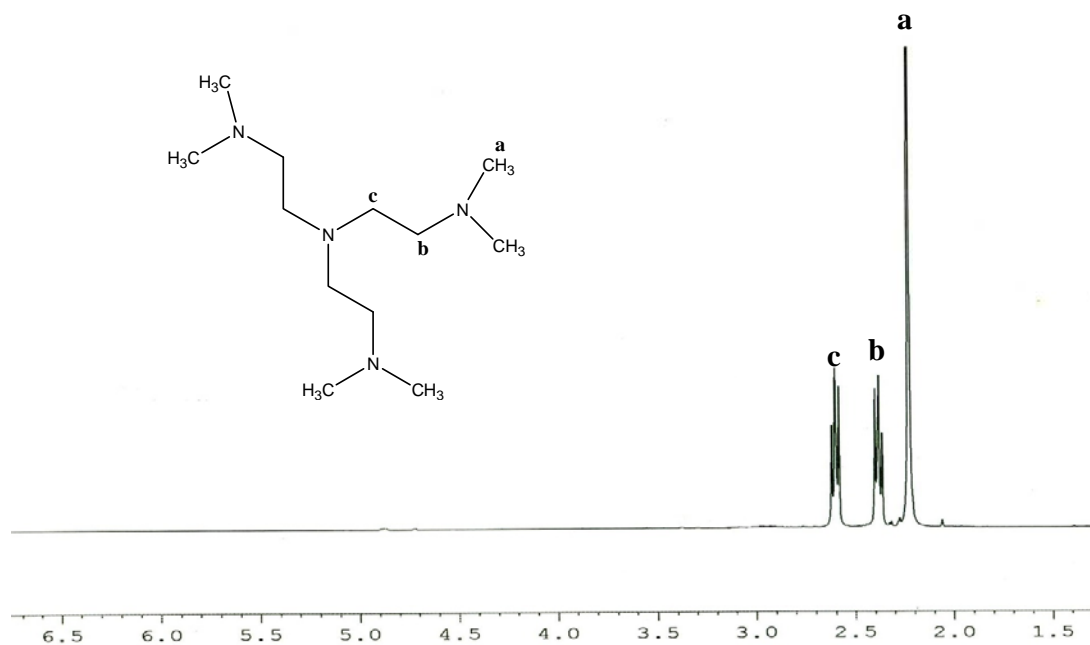


Figure 4S:  $^1\text{H}$  NMR spectrum of Tris (dimethylaminoethyl) amine ( $\text{Me}_6\text{-TREN}$ )

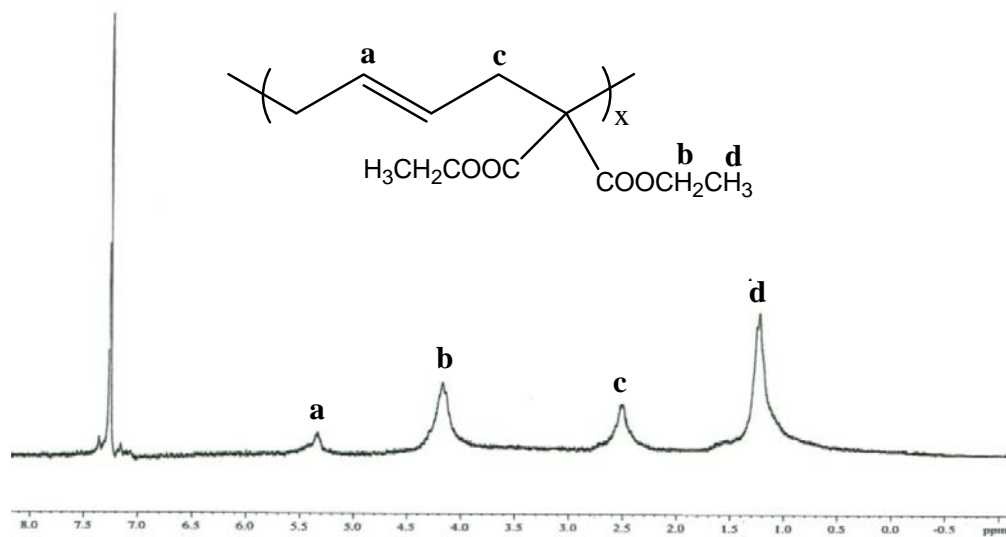
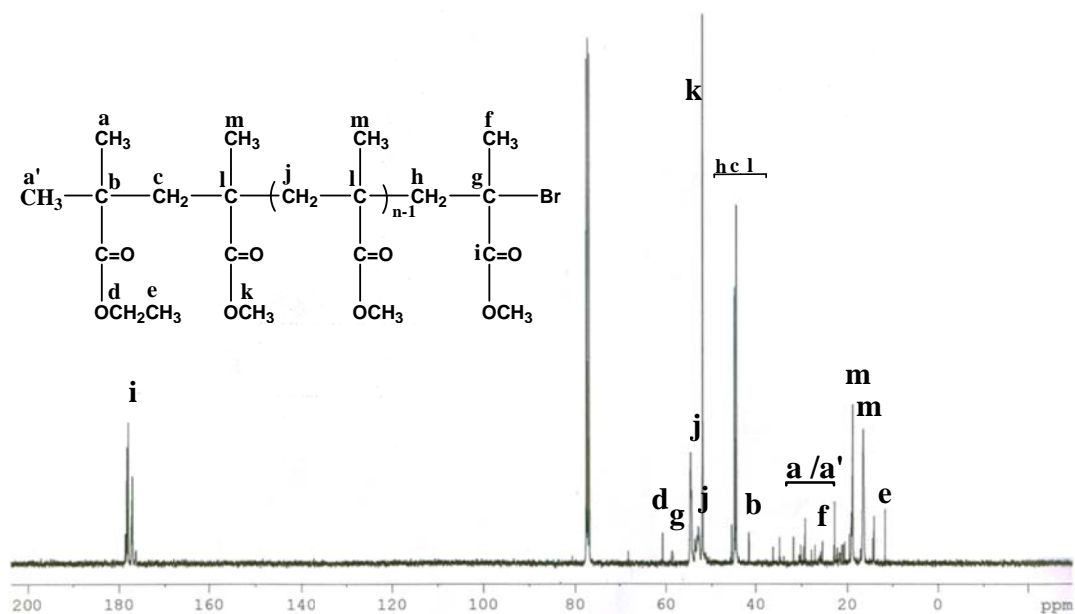
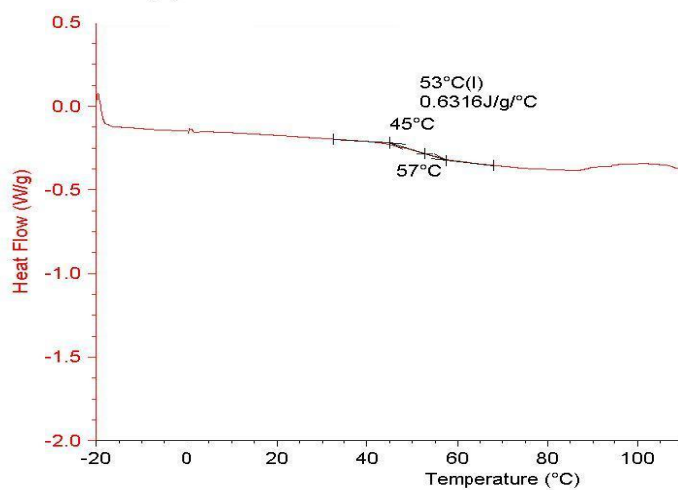


Figure 5S:  $^1\text{H}$  NMR spectrum (in  $\text{CDCl}_3$ ) of poly (1, 1-bis (ethoxycarbonyl)-2-vinyl cyclopropane (PBCVCP) by  $\text{CuBr}/\text{Me}_6\text{-TREN}$  (Table 1, Expt. No. 2)



Copolymer of BCVCP and MMA prepared via conventional radical polymerization (50: 50)



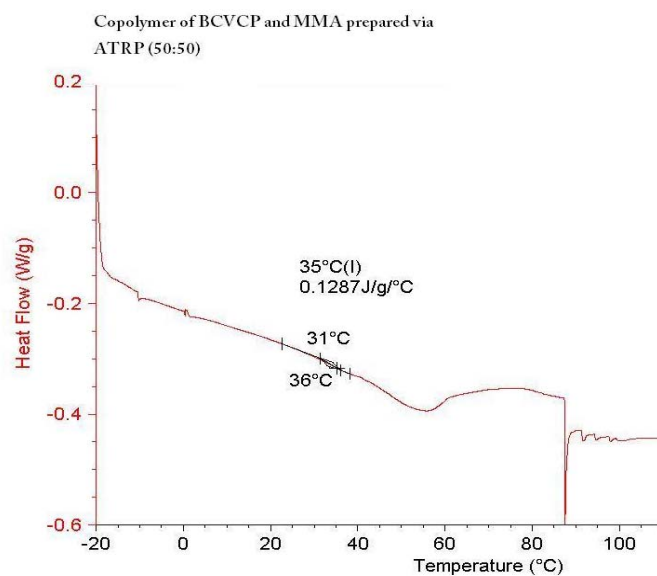


Figure 8S: DSC curve of copolymer prepared via ATRP method in (MMA: BCVCP= 50: 50) feed composition (Table 2, Expt. No 3)

Figure 9S: TGA curves of copolymer of BCVCP and MMA prepared at feed composition of MMA: BCVCP= 50: 50