

## Supplementary Information

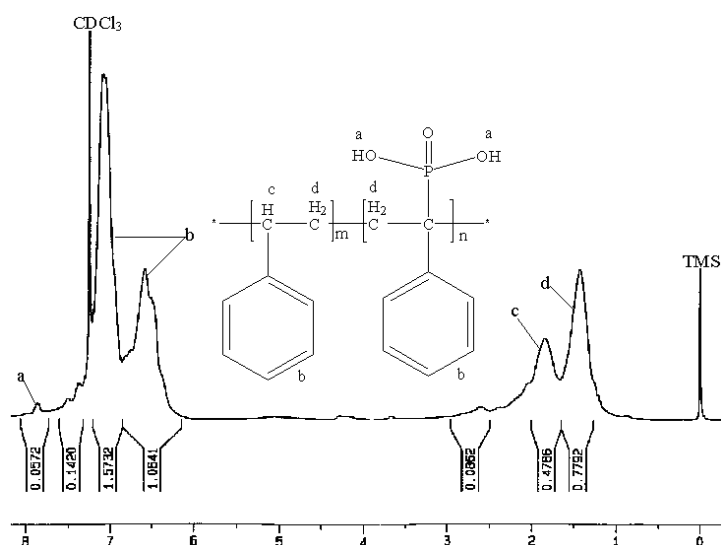


Fig. S1  $^1\text{H}$  NMR of copolymer

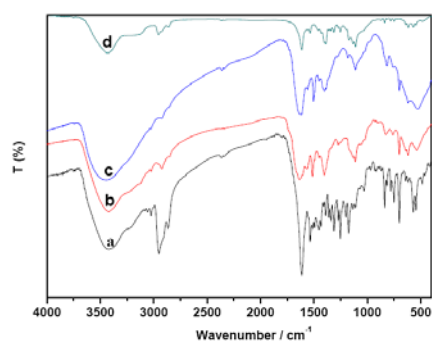


Fig. S2 FT-IR spectra of (a) 3a; (b) 3b; (c) 3c; (d) the neat chiral salen Mn(III) complex 2

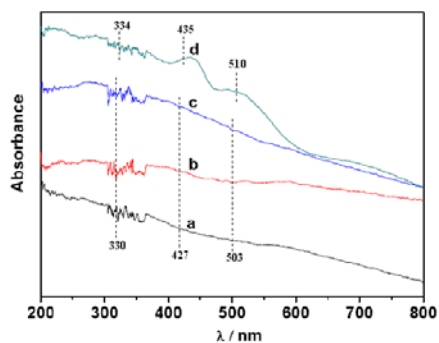
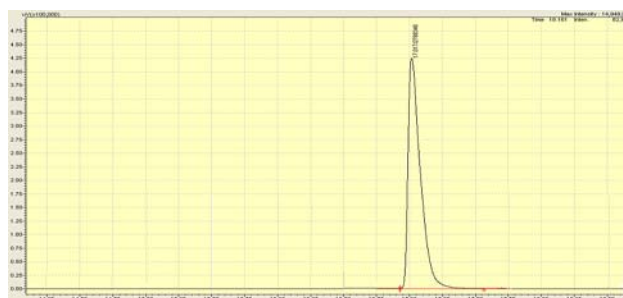
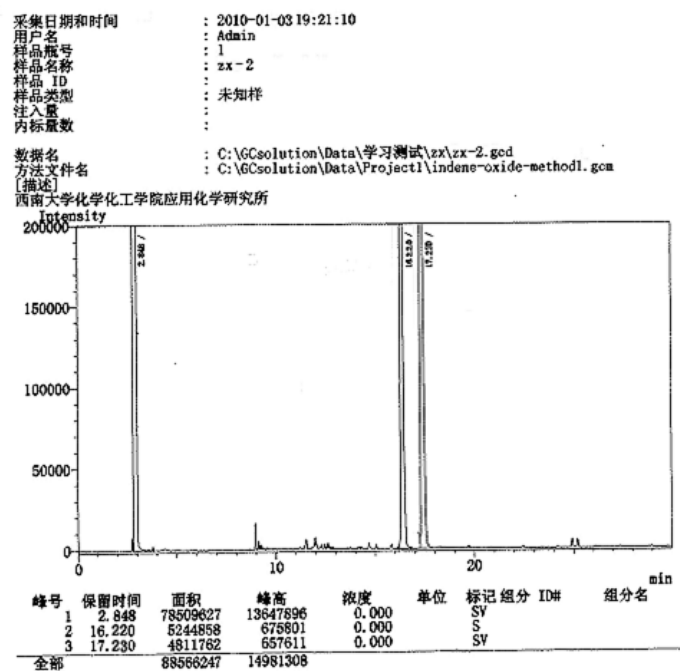


Fig. S3 UV-vis spectra of (a) 3a; (b) 3b; (c) 3c; (d) the neat chiral salen Mn(III) complex 2

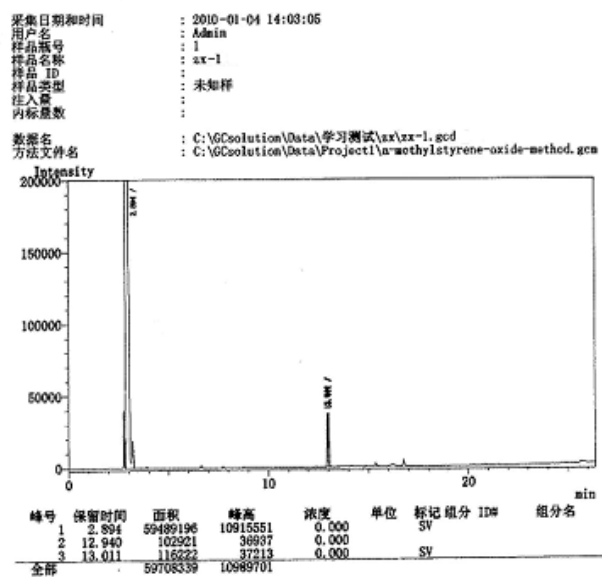


Fig. S4 Large-scale asymmetric epoxidation reaction of  $\alpha$ -methylstyrene (100 times as much as the experimental scale)

GC chromatograms of standard racemic epoxide sample (indene oxide)



Entry 9 in Table 2.



Entry 4 in Table 5.