

**The XRD patterns, nitrogen adsorption-desorption isotherms and pore size distributions of
MZ7-y and MZ13-y series samples**

The XRD patterns, nitrogen adsorption-desorption isotherms and pore size distributions of MZ7-y and MZ13-y series samples. Two series samples (MZ7-y and MZ13-y) were prepared from as-prepared AlMCM-41 with Si/Al molar ratio of 7 and 13 respectively.

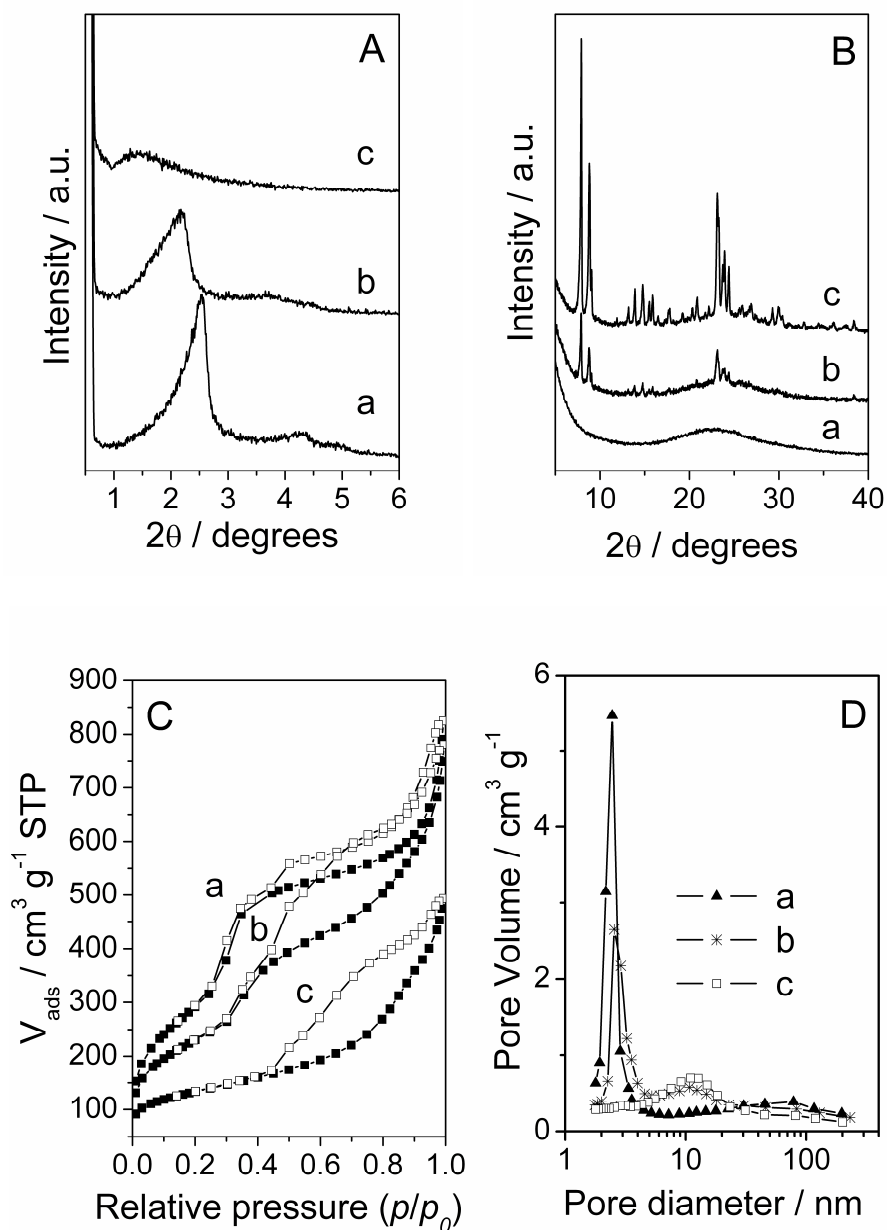


Fig. S1 XRD patterns (A, LXRD; B, WXRD), nitrogen adsorption-desorption isotherms (C) and pore size distributions (D) of MZ13-y series. a) MZ13-0, b) MZ13-12, c) MZ13-24.

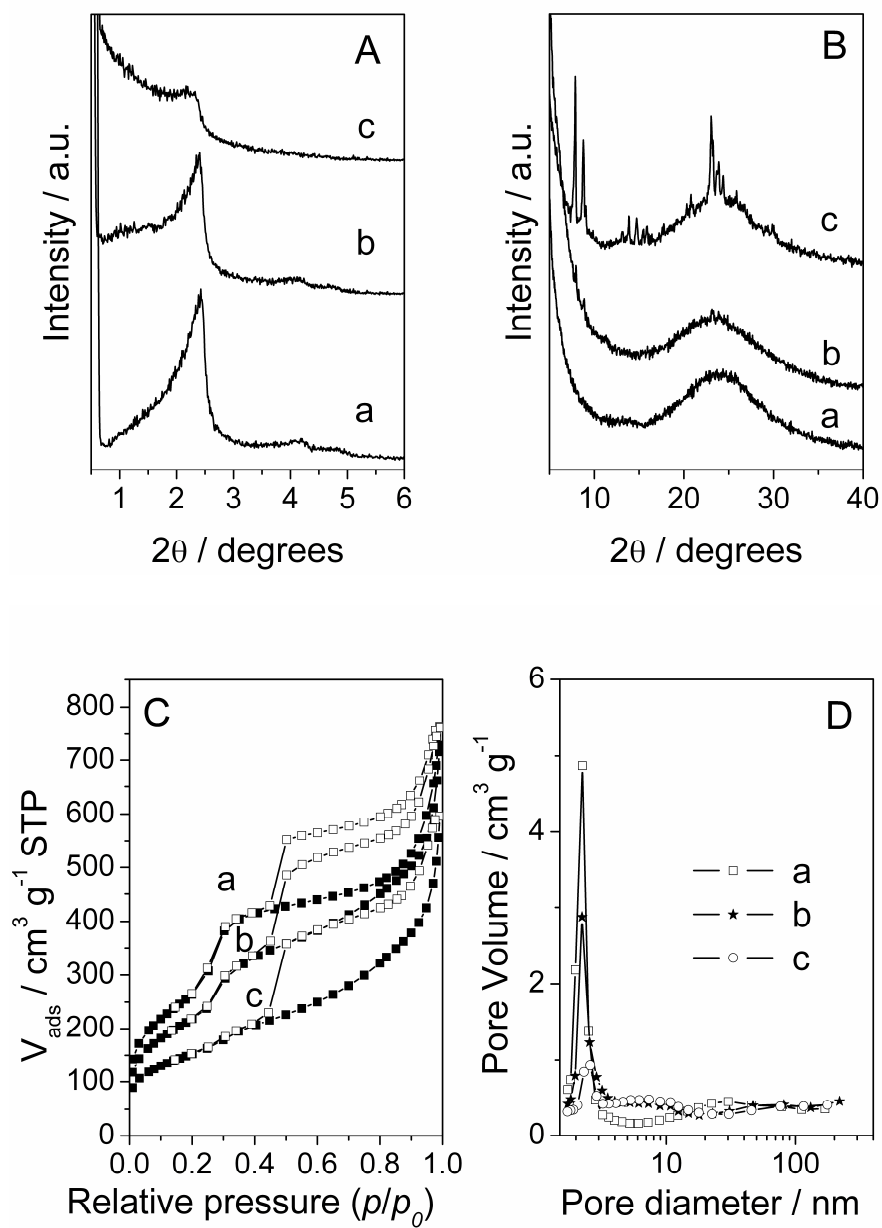


Fig. S2 XRD patterns (A, LXRD; B, WXR), nitrogen adsorption-desorption isotherms (C) and pore size distributions (D) of MZ7-y series. a) MZ7-0, b) MZ7-12, c) MZ7-24.