## **Supporting Information**



Fig. S1 Nitrogen sorption isotherms of  $g-C_3N_4(a)$  and MCIPs (b) calculated from desorption branch by BJH method.





Fig. S2 Mass spectra of 2-Mercaptobenzothiazole in photodegradation process (a. 20 mg/L 2-Mercaptobenzothiazole, b. degradation for 40 min, c. degradation for

60 min)