Supplementary material

Figure SM-1: Time-course of MTZ degradation during electrolysis for different initial concentrations. Experimental conditions: $[\text{Fe}^{2+}] = 0.1 \text{ mM}$, $I=0.07 \text{ mA cm}^{-2}$, $\text{pH}=3$, $\text{Na}_2\text{SO}_4=50 \text{ mM}$, $V=250 \text{ mL}$. 
Figure SM-2: Effect of the ferrous ions concentration on the MTZ degradation (filled symbols) and its mineralization (empty symbols) during electrolysis at 0.07 mA cm$^{-2}$, with 100 mg L$^{-1}$ initial MTZ concentration and 50 mM Na$_2$SO$_4$ at pH 3
Figure SM-3: Effect of the pH on the MTZ degradation (filled symbols) and its mineralization (empty symbols). Experimental conditions: $C_0 = 100$ mg L$^{-1}$, [Fe$^{2+}$] = 0.1 mM, Na$_2$SO$_4$ = 50 mM, V=250mL.