

Figure (1): Adsorption on AgNP/Go/Chitosan in pseudo-first-order of Mn ions by (a) linear analysis, (b) nonlinear analysis

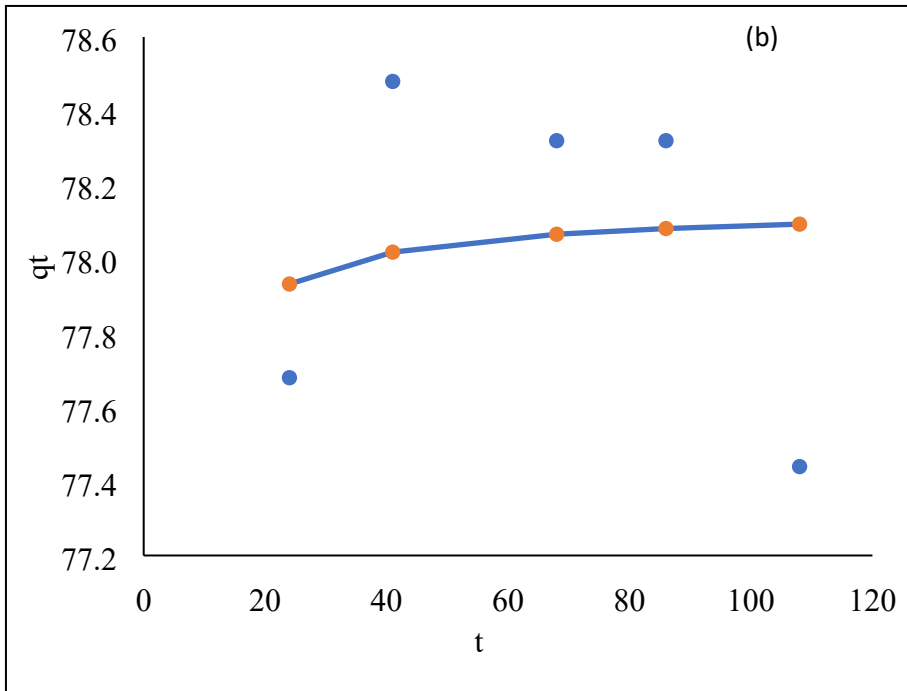
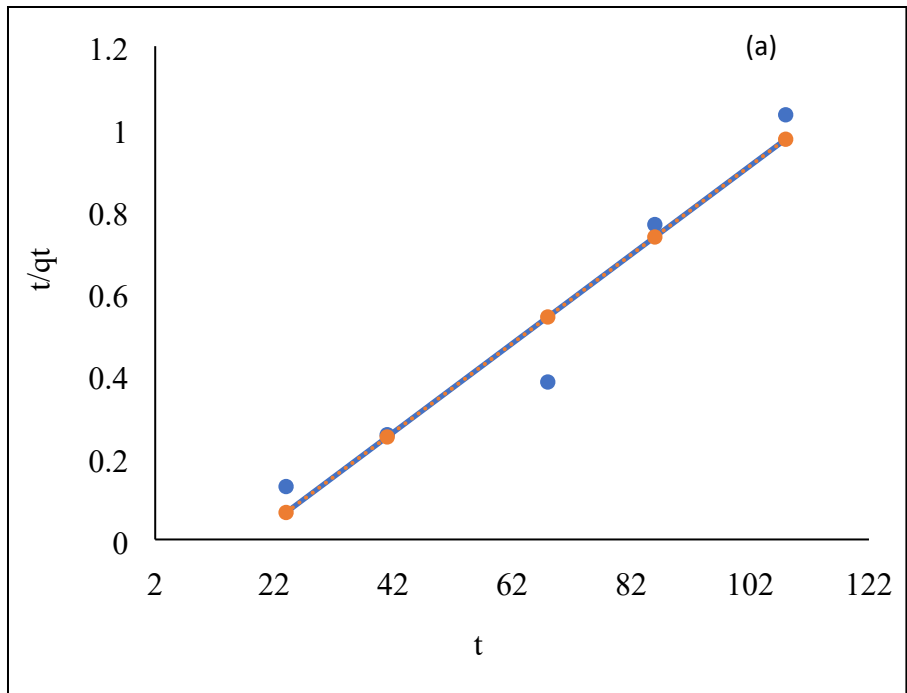


Figure (2): Adsorption on AgNP/Go/Chitosan in pseudo-second-order of Mn ions by (a) linear analysis, (b) nonlinear analysis

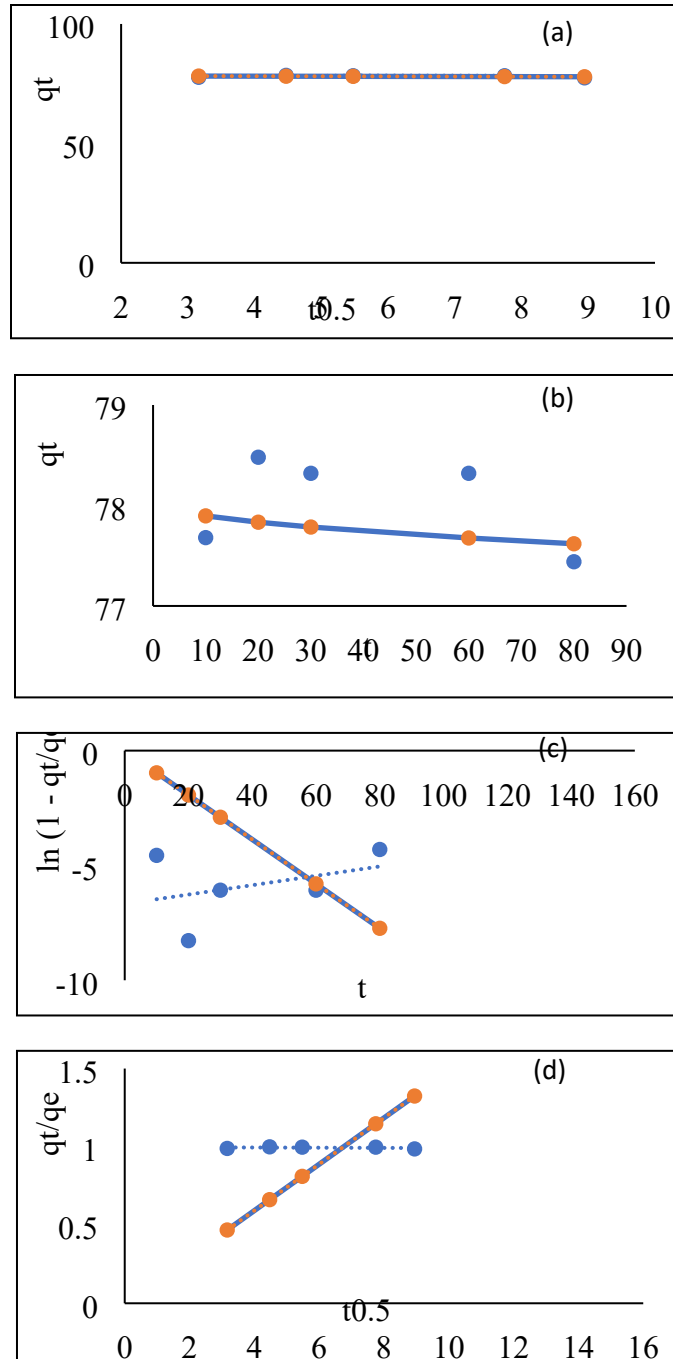


Figure (3): kinetic model adsorption on AgNP/Go/Chitosan for Mn ions (a) linear intraparticle diffusion, (b) nonlinear intraparticle diffusion, (c) Pore diffusion (d) film diffusion.