



Figure SM6. Optimization of amount of M@GO-MTS, $30 \mu\text{g L}^{-1}$ Ti, $60 \mu\text{g L}^{-1}$ V, $60 \mu\text{g L}^{-1}$ Ga and $30 \mu\text{g L}^{-1}$ Ni (pH 5.5, eluent 1 mL 6 % HNO_3 , adsorption time 5 min).