

Figure 1. a) QCM results for MgO ALE using sequential HCl and Hacac exposures at 200°C. b) Mass spectra of $\text{Mg}(\text{acac})_2^+$ ion signal during Hacac exposure on MgO powder at 200°C, showing both experimental and calculated results.

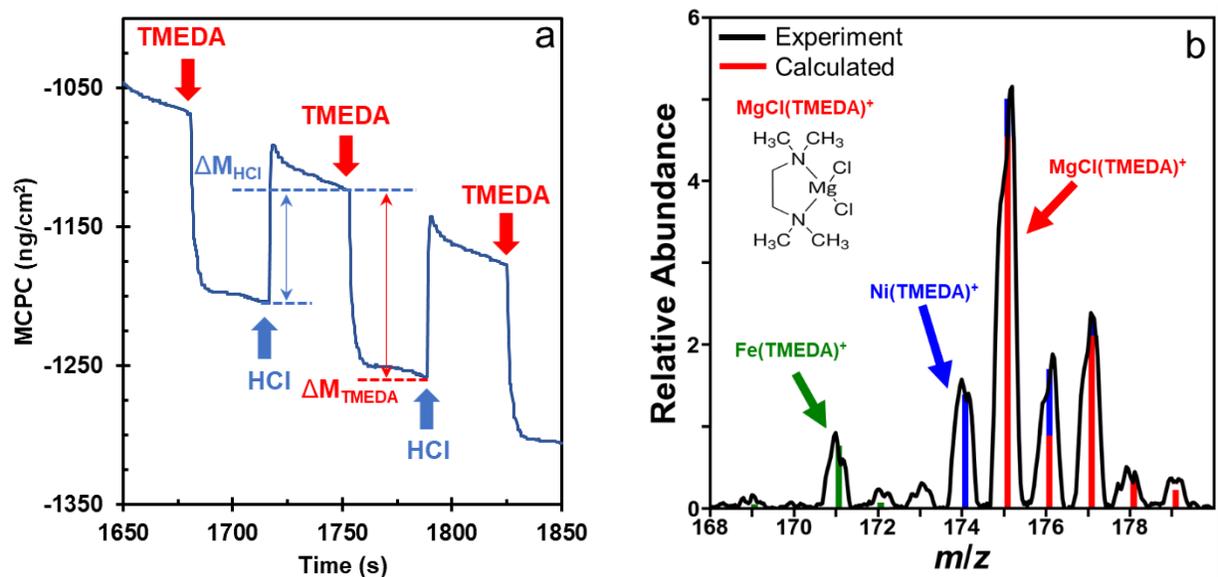


Figure 2. a) QCM results for MgO ALE using sequential HCl and TMEDA exposures at 270°C. b) Mass spectra of $\text{MgCl}(\text{TMEDA})^+$ ion signal and additional signals from Ni & Fe in stainless steel during TMEDA exposure at 230°C, showing both experimental and calculated results.