

Figure 1: Proposed Chlorination/Ligand Addition Mechanism for Au ALE using $\text{SO}_2\text{Cl}_2/\text{PET}_3$

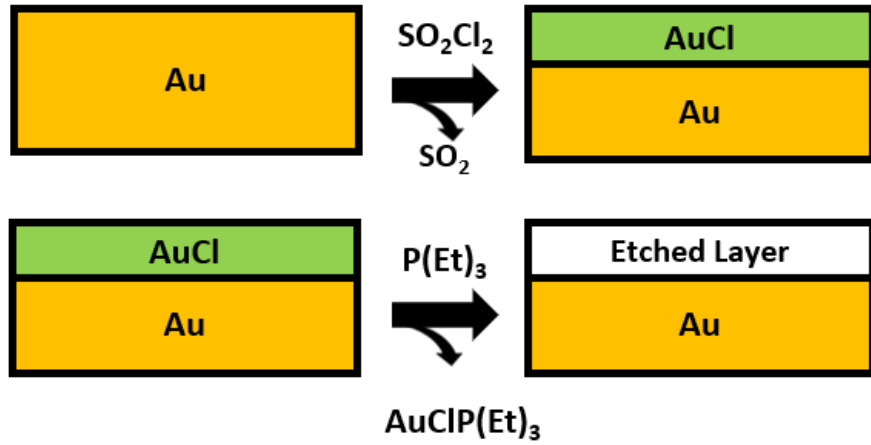


Figure 2: ALE of Au QCM at 150 °C with etch rate of 0.63 Å/cycle

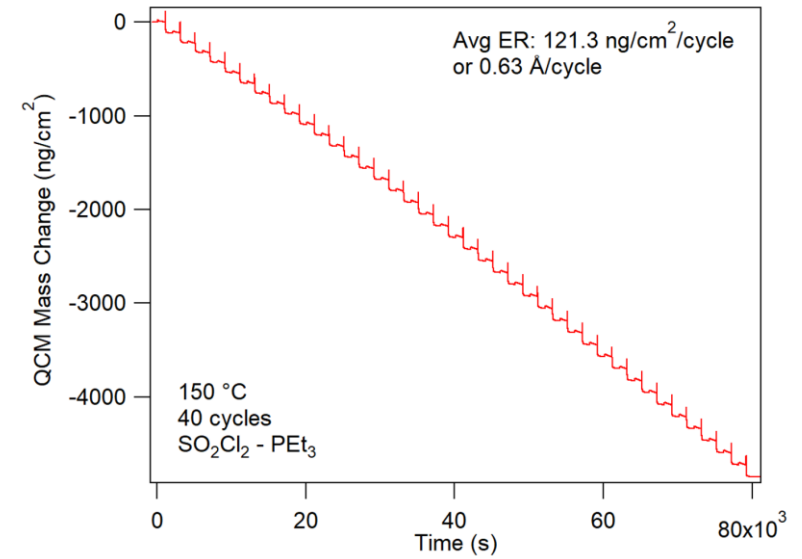


Figure 3: $\text{AuCl}(\text{PET}_3)$ etch product during PET_3 exposure on Au at 150°C matches expected isotopic ratios

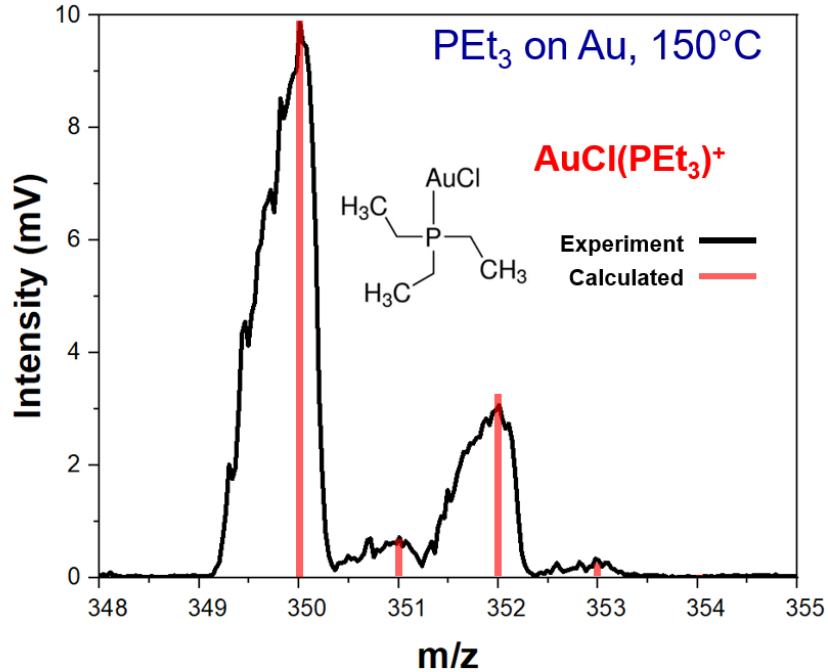


Figure 4: $\text{Cu}_2\text{Cl}_2(\text{PET}_3)_2$ etch product observed during PET_3 exposure on Cu at 150°C

