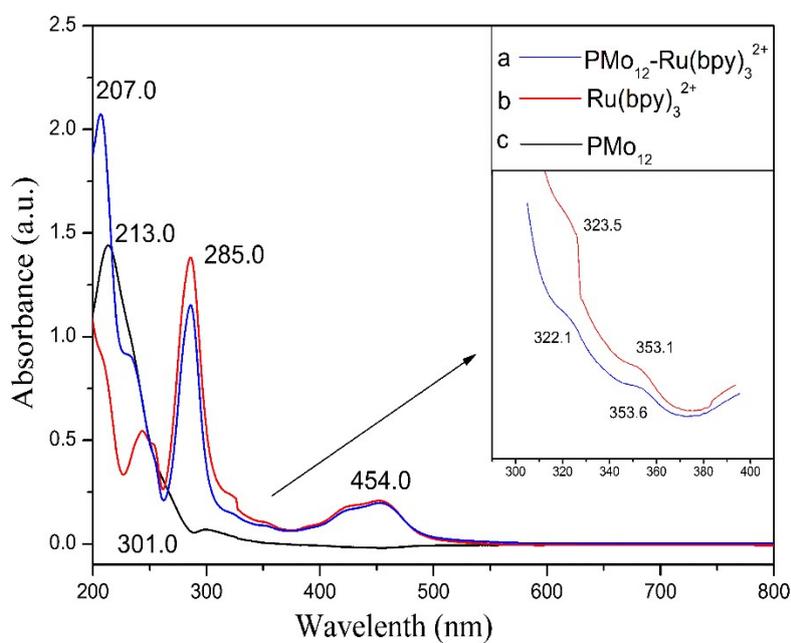


FTIR spectra of $\text{PMo}_{12}\text{-Ru(bpy)}_3^{2+}$ (curve a) and PMo_{12} (curve b)



UV-vis absorbance spectra of free $\text{PMo}_{12}\text{-Ru(bpy)}_3^{2+}$ (curve a), Ru(bpy)_3^{2+} (curve b) and PMo_{12} (curve c) in aqueous solution