

Figure S1. Raman spectra for the ink various versions of QI.3, applied on filter paper, $\lambda = 750\text{nm}$

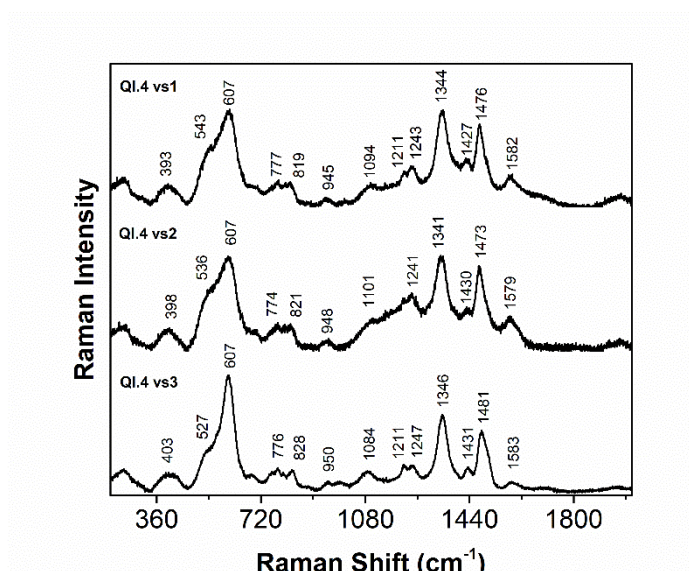


Figure S2. Raman spectra for the ink various versions of QI.4, applied on filter paper, $\lambda = 750\text{nm}$

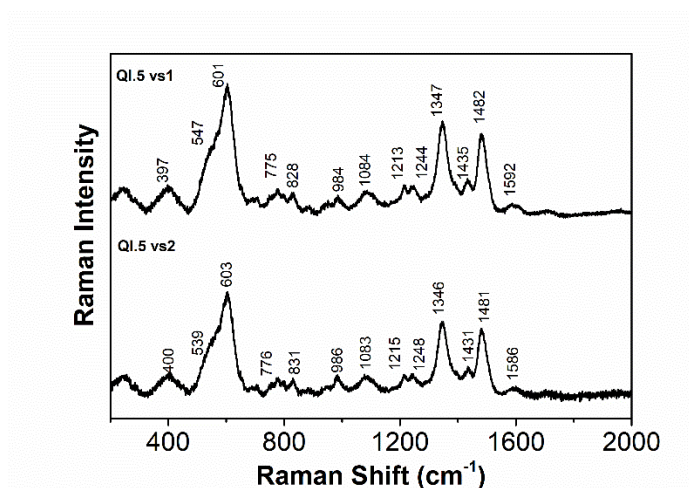


Figure S3. Raman spectra for the ink various versions of QI.5, applied on filter paper, $\lambda = 750\text{nm}$

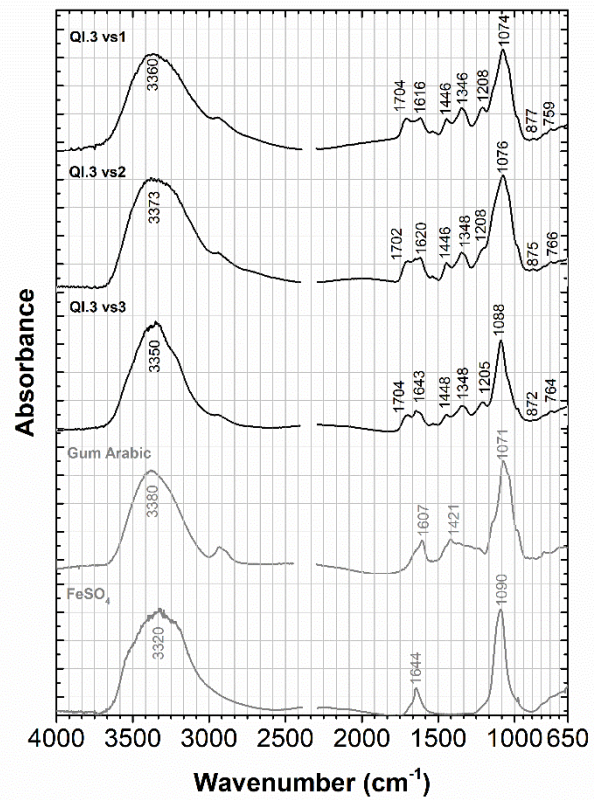


Figure S4. IR spectra for the ink various versions of QI.3.

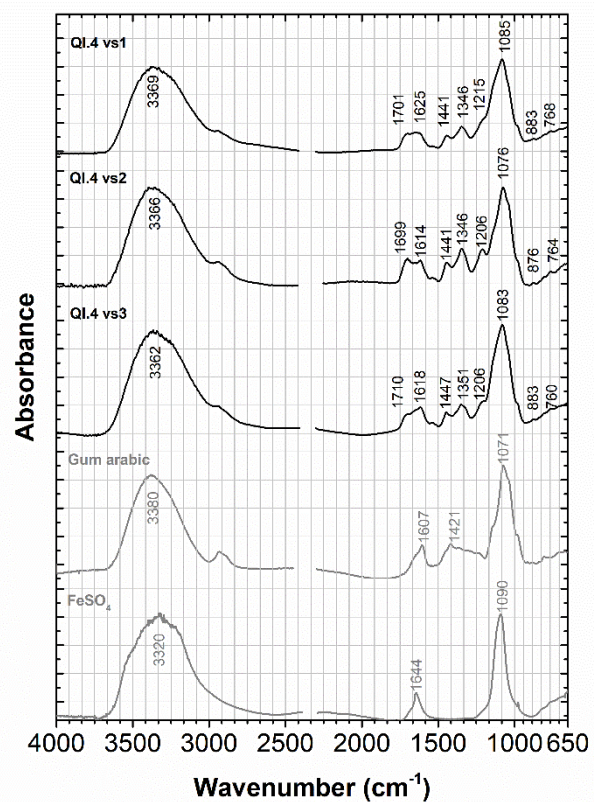


Figure S5. IR spectra for the ink various versions of QI.4.

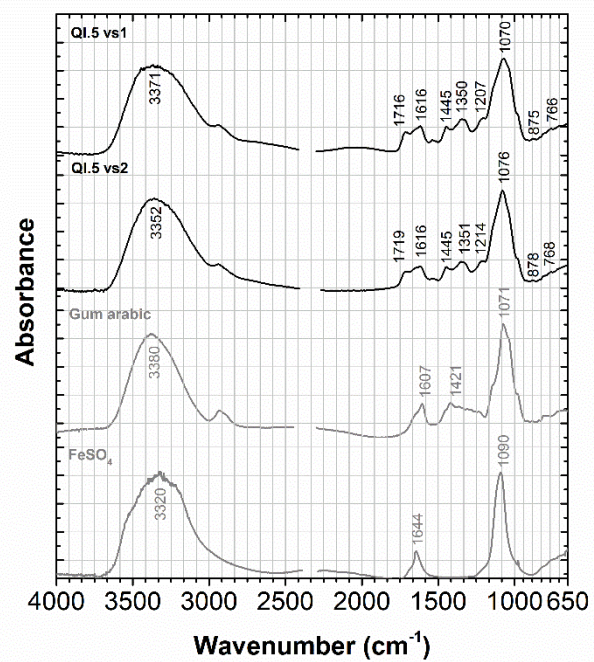


Figure S6. IR spectra for the ink various versions of QI.5.