

Supplementary Material:

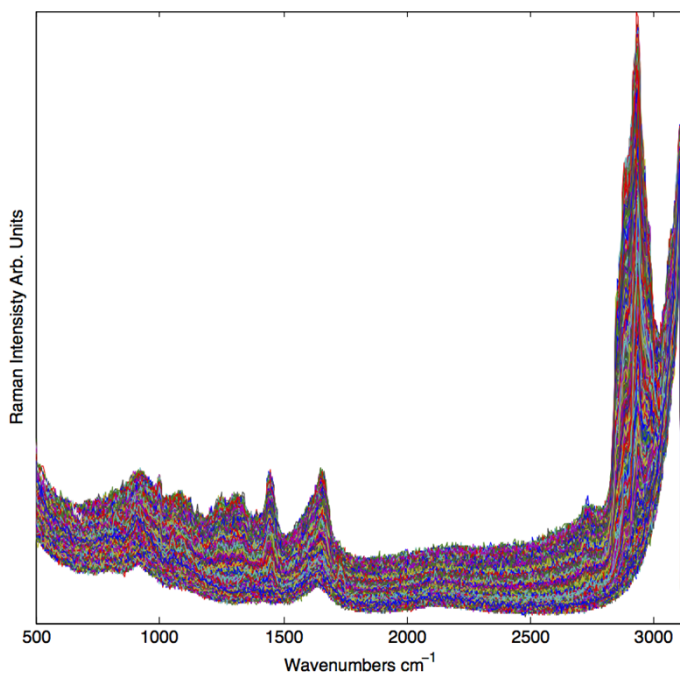


Figure S1: Example of Raw data before Extended Multiplicative Scater Correction and Spectral Interference Subtraction (EMSC-SIS), Correction spectra.

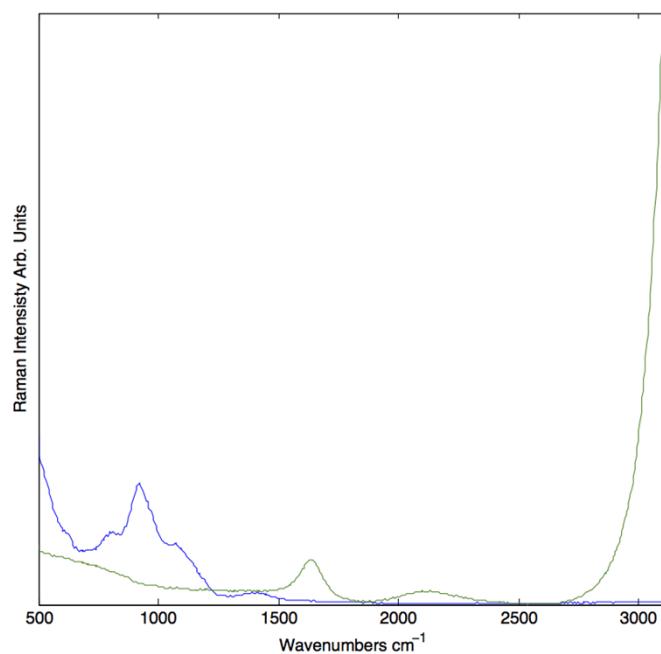


Figure S2: Spectra of water (green) and glass (blue) used for correction of backgrounds.

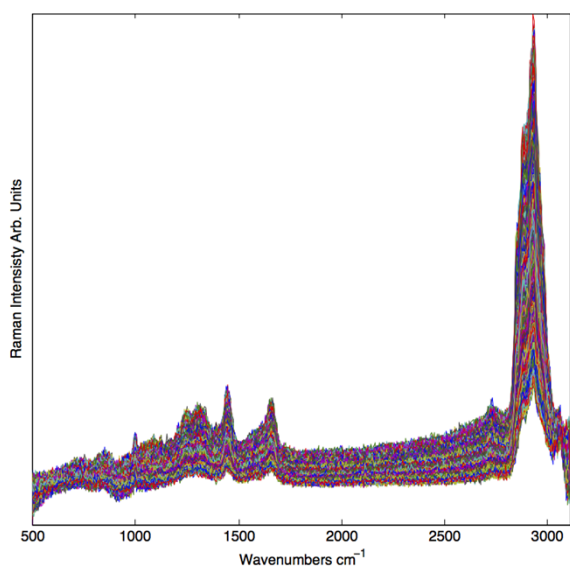


Figure S3: Dataset after correction using EMSC-SIS.