

Supporting information for:

## Rapid and Reliable Detection and Quantification of Organophosphorus Pesticides Using SERS Combined with Dispersive Liquid-Liquid Microextraction

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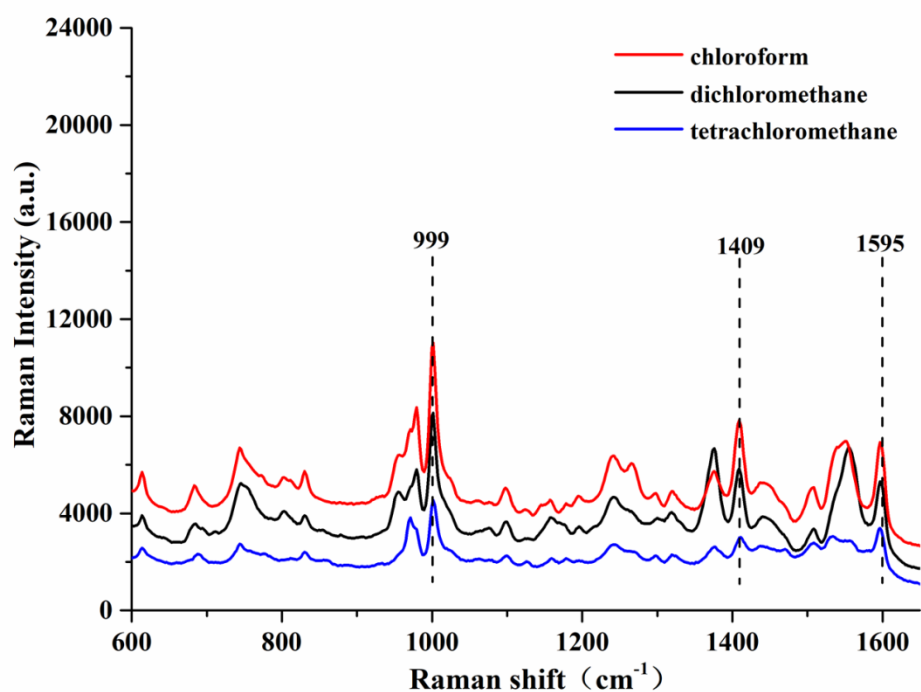


Figure. SI 1. SERS spectra of triazophos extracted by different extraction agents (dichloromethane, chloroform, tetrachloromethane)

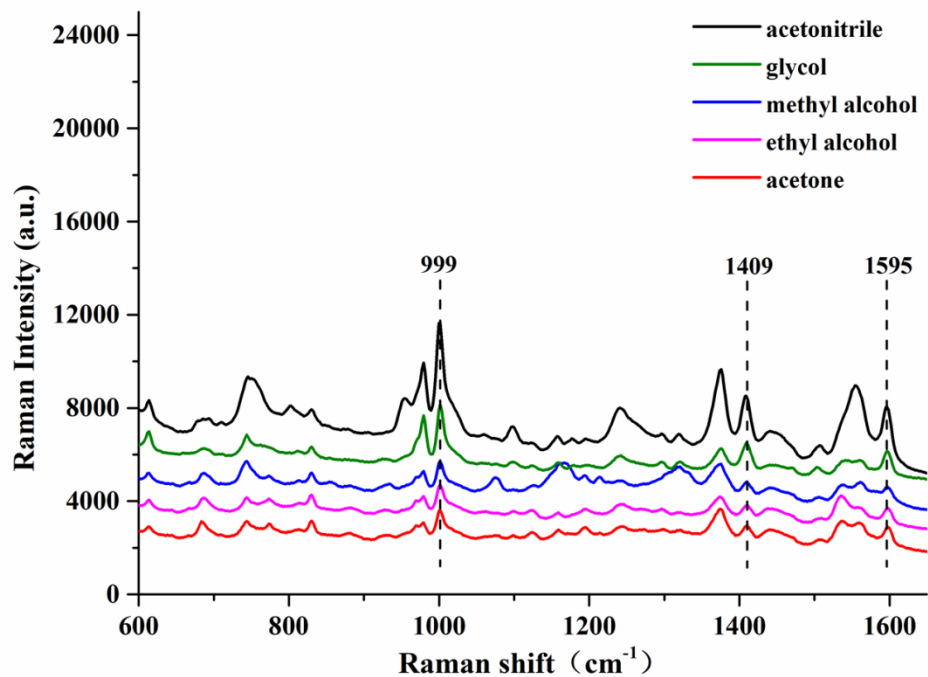


Figure. SI 2. SERS spectra of triazophos extracted with different dispersants (acetonitrile, acetone, methyl alcohol, glycol, ethyl alcohol)

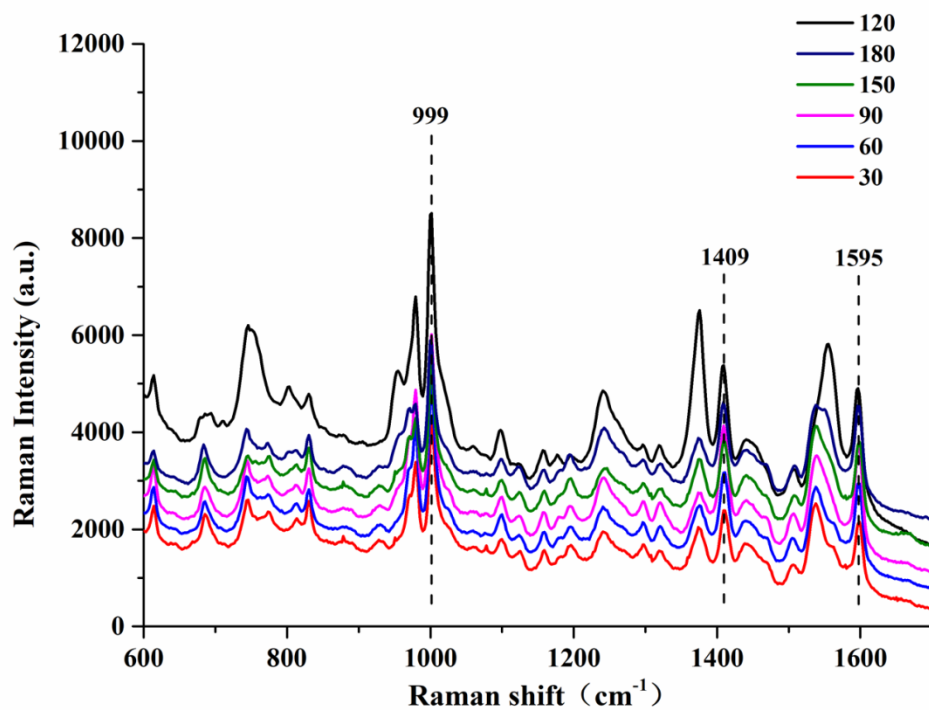
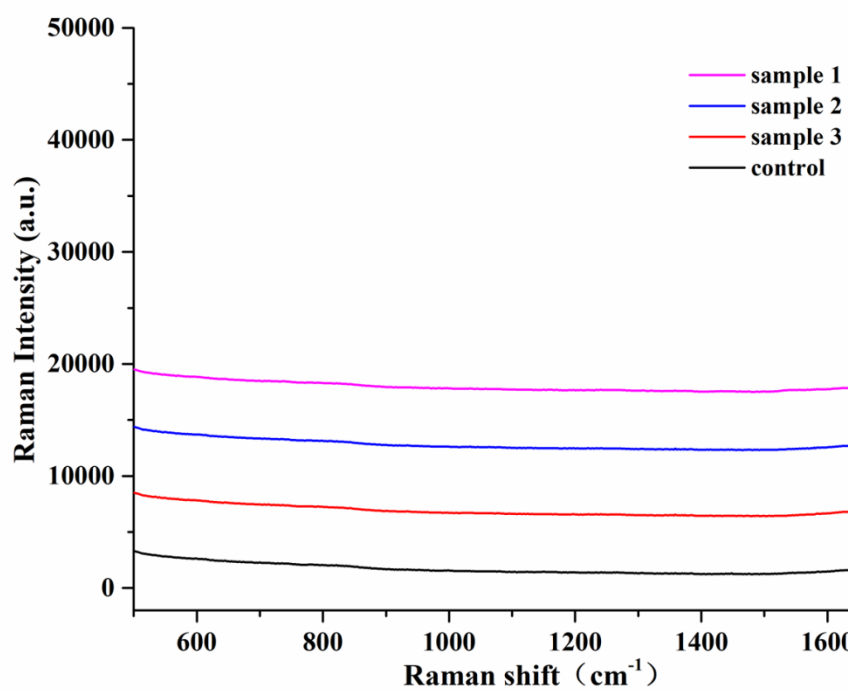


Figure. SI 3. SERS spectra of triazophos extracted with different volumes of dispersant



**Figure. SI 4.** SERS spectra of blind samples collected with the developed DLLME facilitated liquid SERS method