Supporting Information

For

Quantification of low-polar small molecules using room temperature ionic liquids matrix assisted desorption corona beam ionization

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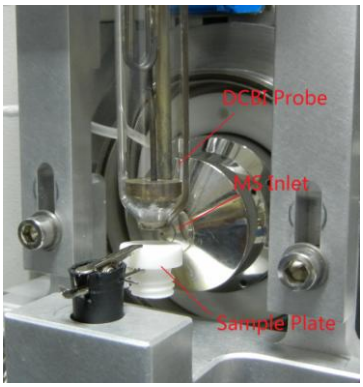


Fig. S1. Photograph of DCBI-MS combined with an infrared camera.

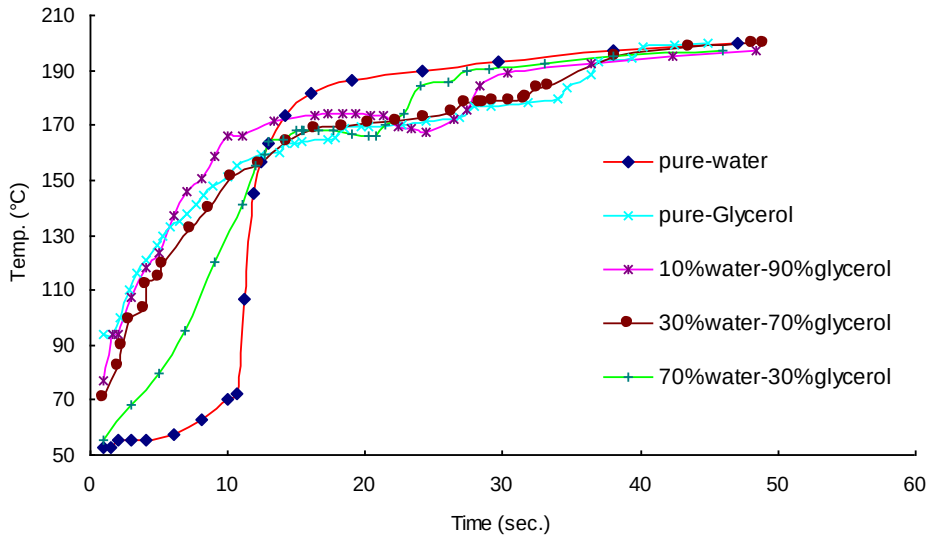
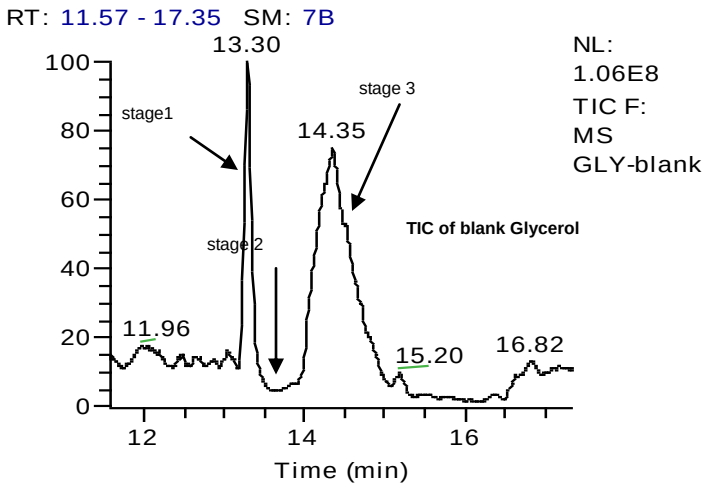
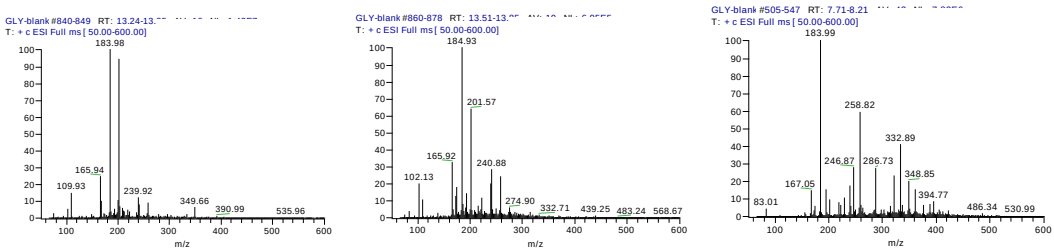


Fig. S2. Temperature trend of sampling spot under DCBI interrogation when different liquid matrix loaded.





1st stage 2nd stage 3rd stage

Fig. S3. Spectra of blank glycerol

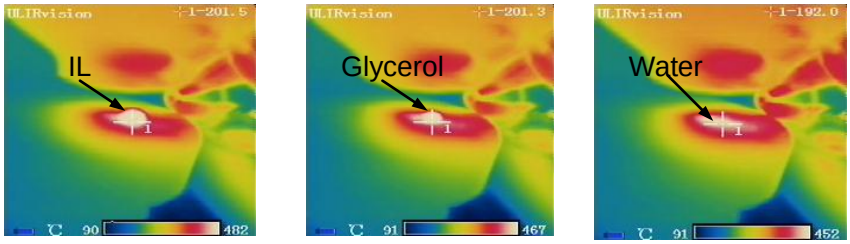


Fig. S4. Infrared images of liquid drop residue spot after heating for 50 sec by DCBI.