

Laser ionization/time-of-flight mass spectrometry for the direct analysis of emulsions

Supplemental information

Hidaka Ishigami, Yukihiro Tsuda and Tomohiro Uchimura*

Department of Materials Science and Engineering, Graduate School of Engineering, University
of Fukui, 3-9-1 Bunkyo, Fukui 910-8507, Japan

* To whom correspondence should be addressed. E-mail: uchimura@matse.u-fukui.ac.jp

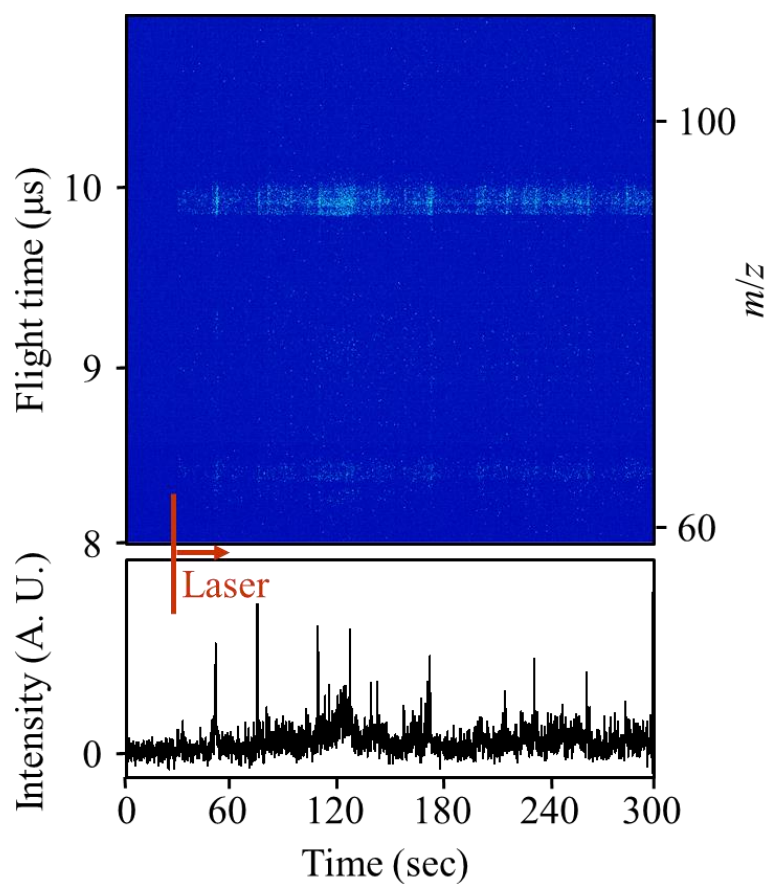


Figure S1 Two-dimensional display for a microemulsion obtained using a pair of concentric capillaries where the inner diameters of the inner and outer capillaries were 50 and 200 μm , respectively. The time course of the peak area of toluene ion is also shown. Concentration: 400 $\text{ng}/\mu\text{L}$ for toluene, 6,600 $\text{ng}/\mu\text{L}$ for SDS, and 3,000 $\text{ng}/\mu\text{L}$ for 1-pentanol.