

Supplementary Materials for

A Sensitive and Portable deep-UV Absorbance Detector with a Microliter Gas Cell Compatible with Micro GC

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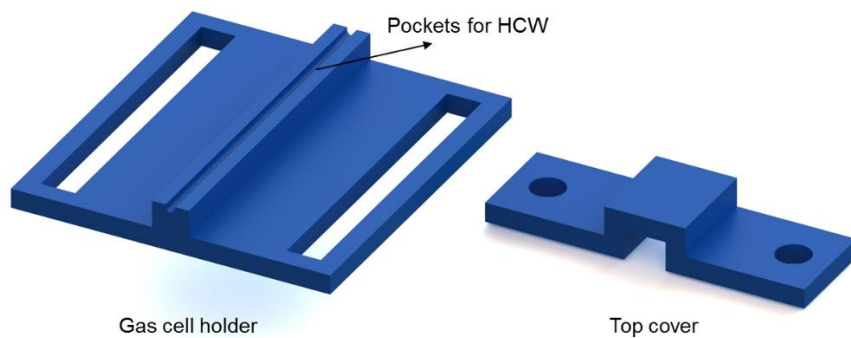


Figure S01. The rendered image of the 3D printed housing for HCW. Multiple housing/holders were 3D printed and installed on the optical breadboard to support and align the HCW.

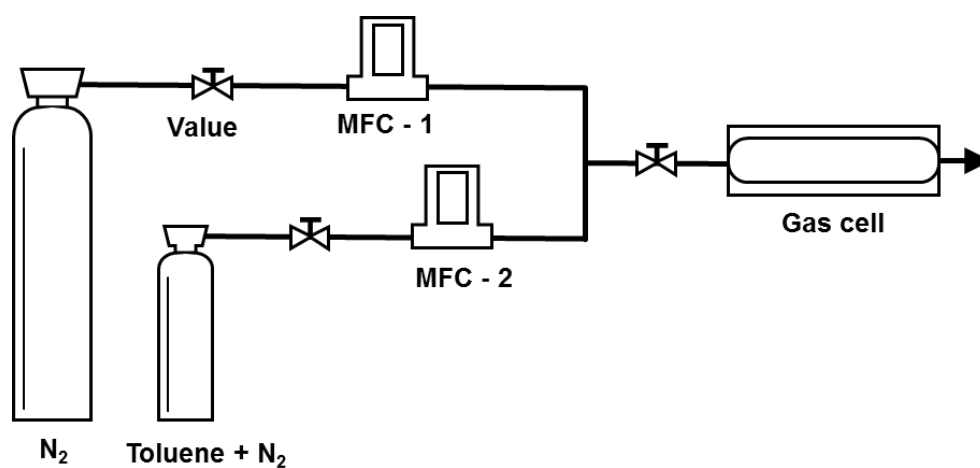


Figure S02. Gas generation setup for different concentrations of Toluene in N₂. MFC- Mass Flow Controller.

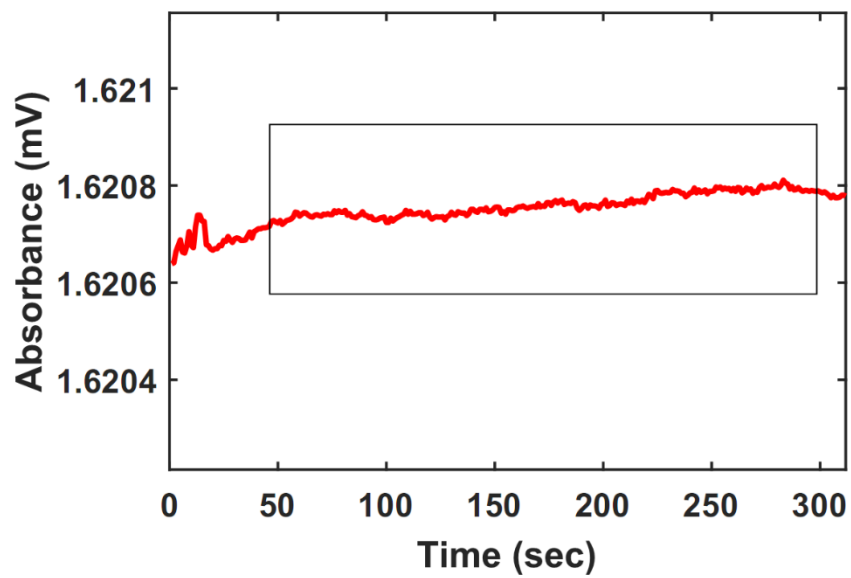


Figure S03. The signal (absorbance) recorded for gaseous Nitrogen flow. The box represents the time window for calculating the noise (i.e., the standard deviation).