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## Supplementary Materials: Chemical Source Localization Fusing Concentration Information in the Presence of Chemical Background Noise

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Figure S1. Picture of the exploration arena featuring the three extraction fans.



**Figure S2.** Chemical delivery system based on a KDS-200 injection pump. Drops fall in a hot plate for immediate vaporization.

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**Figure S3.** Autonomous robot featuring the wind sensor and the photoionization detector.