

Interactive
Comment

Interactive comment on “A novel Whole Air Sample Profiler (WASP) for the quantification of volatile organic compounds in the boundary layer” by J. E. Mak et al.

J. E. Mak et al.

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We thank reviewer 2 for the critical review.

We clarify our use of calibration gas concentrations during our testing of the WASP. Also, we did not try to heat the WASP during sample collection, because we did not see much stickiness of the species we were targeting. This was noted by running calibration gas through the tubing at room temperature. We further clarify our use of, and description of, the calibration gas mixture we used to test the WASP.

We have added a few sentences discussing aircraft sampling of air and in situ analysis.

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Certainly, aircraft can be used to fly a PTRMS, for example, but those aircraft are ten times more costly to use. We have included a few sentences discussing VOC measurements from aircraft, with appropriate references (e.g., Atlas, Karl, etc).

We have incorporated all the grammatical edits Reviewer 2 identified.

Interactive comment on Atmos. Meas. Tech. Discuss., 6, 4153, 2013.

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