

Interactive comment on “Volatile organic compounds over Eastern Himalaya, India: temporal variation and source characterization using Positive Matrix Factorization” by C. Sarkar et al.

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Comments by Dr V. Sinha

Comment: This work highlights the need for a systematic regional program on VOC quantification. Through this short comment, we would only like to draw attention to two recent works reporting in-situ VOC measurements (in particular for mono-aromatic VOCs such as benzene, toluene and xylenes). Discussing these works in the light of new/future VOC data would improve the community's understanding regarding the

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distribution and spatial heterogeneity of VOCs within the region.

1) Sinha, V., Kumar, V., and Sarkar, C.: Chemical composition of pre-monsoon air in the Indo-Gangetic Plain measured using a new air quality facility and PTR-MS: high surface ozone and strong influence of biomass burning, *Atmos. Chem. Phys.*, 14, 5921–5941, doi:10.5194/acp-14-5921-2014, 2014

2) Sarkar C., Kumar, V., Sinha, V: Massive Emissions of Carcinogenic Benzenoids from Paddy residue burning in North India, *Current Science*, Volume 104 (12), pp. 1703–1709, 2013

Reply: Thanks for the comment. We have discussed about the above said works in the text and hence cited.

Please also note the supplement to this comment:

<http://www.atmos-chem-phys-discuss.net/14/C13381/2015/acpd-14-C13381-2015-supplement.pdf>

Interactive comment on *Atmos. Chem. Phys. Discuss.*, 14, 32133, 2014.