

## **PTR-MS VOC measurements at the Maïdo Observatory at Reunion Island**

A two-year dataset of volatile organic compound concentrations has been recorded with a high-sensitivity Proton Transfer Reaction Mass Spectrometer (hs-PTR-MS, Ionicon Analytik GmbH, Austria) at the Maïdo Observatory (21.4°S, 55.1°E, 2160 m a.s.l.) in the framework of the OCTAVE project (octave.aeronomie.be). The hs-PTR-MS instrument was run in multiple ion detection mode using  $\text{H}_3\text{O}^+$  source ions and a dwell time of 10 s for every VOC-related product ion, resulting in a total cycle time of ~2.7 minutes.

Details on instrument calibration can be found in Verreyken et al. *Atm. Chem. Phys.*, 20, 14821-14845, 2020 (<https://doi.org/10.5194/acp-20-14821-2020>).

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For using this data for any kind of publications, please contact the data originators, in terms of acknowledgement.