

Interactive comment on “Technical Note: A fully automated purge and trap-GC-MS system for quantification of volatile organic compound (VOC) fluxes between the ocean and atmosphere” by S. J. Andrews et al.

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Thank you for your positive comments. On page 5 (2983), line 7 we state the chromatographic settings used predominantly in this work and to produce the chromatogram in Fig.2: “The gas sample is pre-concentrated onto the cooled (-30°C) absorbent trap (Tenax TA) of the TD unit and desorbed at 250°C onto the GC column (60 m 320 μ m I.D. 1 μ m 5% phenyl film, SGE). The column was held at 40°C for 2 min, ramped at 20°Cmin⁻¹ to 207°C then at 100°Cmin⁻¹ to 250°C.”

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Backflushing was not used on the water instrument during any of the cruises but has been tested in the lab.

Interactive comment on Ocean Sci. Discuss., 11, 2979, 2014.

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