

Review of Very short-lived bromomethanes measured by the CARIBIC observatory over the North Atlantic, Africa and South-East Asia during 2009–2013 by Wisher et al., submitted to ACPD.

This is a very timely paper on the measurement of brominated short-lived compounds in the 10-12 km altitude range using the CARIBIC platform. I suggest that the manuscript should be published after the minor corrections as listed below have been addressed.

29949: L. 2: Short-lived organic brominated compounds make up a significant part (↑ 20 %) of the organic bromine budget in the atmosphere.

This statement is not so clear. Where in the atmosphere? If I just produce a "count" in the MBL it would be around 16 ppt from the long-lived ones (as Br) but about 7 ppt (as Br) for the short-lived ones. These are only rough guesses, but you should say where and on which basis you get to 20% (or leave it without a number).

29949: L. 5:

Measurements of five short-lived...

If you use VSLB it should be: Measurements of five very short-lived...

29949: L. 15:

Either VSLB-derived bromine or VSLB

29950: L. 19:

an ~ 60 → a ~60...

29952: L. 12:

in situ should be *in-situ*

29952: L. 15:

Baker et al. (2011b) should be Baker et al. (2011a) and *vice versa*

29953: L. 14:

(105 m, 320 μm OD...: here the convention is to use: (105 m × 320 μm OD...: (this is a × (arithmetic multiplier, not a letter x).

29956: L. 12:

You should not use the ppbv, ppb is enough

29964: L 28:

The number of 26 days is not consistent with the 24 days lifetime mentioned at L: 2, P: 29957.

Furthermore, the T(OH) should be 76 days and not 26 days

29973:

The precision in % is misleading. You should also indicate the concentration where this has been measured (near the detection limit this must be higher)

29974:

Although it is implicitly clear you should mention in which region of the atmosphere this has been measured (10-12 km?).

29977:

It should be mentioned that this was in the Northern hemisphere