We thank both reviewers for their constructive comments. Our responses are given below in red text.

Response to anonymous referee #2

Referee #2 wrote: Figure 5 (bromocarbons mixing ratios as a function of in situ and satellite chl-a concentration) should be revised. Judging from the values on it, I suppose the data are plotted in the wrong way; "chl-a concentration' against 'bromocarbons mixing ratios'. Please check this.

Now, we have corrected the figure 5 plot in the right way; "chl-a concentration' against 'bromocarbons mixing ratios'.