

We thank the reviewers for their time and for the kind remarks.

We agree with reviewer 2 that the discrepancies between HITRAN and VSMOW are indeed negligible for this work and appreciate the careful checking of the math. The 1 permil number given was intended to be an upper limit depending on the exact isotope ratio used (for example, the numbers in Griffith 2018 differ slightly from that IUPAC technical report), but it was also indeed too large. Instead, we have changed that sentence to read: "Finally, we note that there are slight differences between isotopologue ratios determined using HITRAN and ratios in the VSMOW scale; however, these differences are negligible here (Griffith, 2018)."

We have also corrected Line 31 to say isotopologue ratio instead of isotope ratio.