

1 **Results from the first national UK inter-laboratory**  
 2 **calibration for very short-lived halocarbons**  
 3 **- Appendix**

4  
 5 **C. E. Jones, S. J. Andrews, L. J. Carpenter, C. Hogan, F. E. Hopkins, J. C. Laube,**  
 6 **A. D. Robinson, T. G. Spain, S. D. Archer, N. R. P. Harris, P. D. Nightingale, S. J.**  
 7 **O'Doherty, D. E. Oram, J. A. Pyle, J. H. Butler and B. D. Hall**

8  
 9 Table A1. Relevant publications reporting CH<sub>3</sub>I, CH<sub>2</sub>Br<sub>2</sub> and/or CHBr<sub>3</sub> measurements in  
 10 air and/or seawater, from institutions that participated in the 2010 UK inter-laboratory  
 11 calibration for VSLH.

Institution	Reference	VSLH
University of Bristol	Carpenter et al.: Atmospheric bromoform at Mace Head, Ireland: seasonality and evidence for a peatland source, <i>Atmos. Chem. Phys.</i> , 5, 2927-2934, 2005.	CHBr <sub>3</sub>
University of Cambridge	O'Brien, L. M. et al.: Bromocarbons in the tropical marine boundary layer at the Cape Verde Observatory - measurements and modelling, <i>Atmos. Chem. Phys.</i> , 9, 22, 9083-9099, 2009.	CH <sub>3</sub> I; CH <sub>2</sub> Br <sub>2</sub> ; CHBr <sub>3</sub>
	Pyle, J. A. et al.: Bromoform in the tropical boundary layer of the Maritime Continent during OP3: the contrast between coast and rainforest, <i>Atmos. Chem. Phys. Discuss.</i> , 10, 14969-14991, doi:10.5194/acpd-10-14969-2010, 2010.	CHBr <sub>3</sub>
University of East Anglia	Kerkweg, A. et al.: Consistent simulation of bromine chemistry from the marine boundary layer to the stratosphere, Part II: Bromocarbons, <i>Atmos. Chem. Phys.</i> , 8, 5919–5939, 2008.	CH <sub>2</sub> Br <sub>2</sub> ; CHBr <sub>3</sub>
	Laube, J. C. et al.: Contribution of very short-lived organic substances to stratospheric chlorine and bromine in the tropics – a case study, <i>Atmos. Chem. Phys.</i> , 8, 7325–7334, 2008.	CH <sub>2</sub> Br <sub>2</sub> ; CHBr <sub>3</sub>
	Worton, D.R. et al.: 20th century trends and budget implications of chloroform and related tri- and dihalomethanes inferred from firn air. <i>Atmos. Chem. Phys.</i> , 6(10), 2006.	CH <sub>2</sub> Br <sub>2</sub> ; CHBr <sub>3</sub>

	Sturges, W.T. et al.: Methyl bromide, other brominated methanes, and methyl iodide in polar firm air. <i>J. Geophys. Res.</i> , 106, 1595–1606, doi:10.1029/2000JD900511, 2001.	CH <sub>3</sub> I; CH <sub>2</sub> Br <sub>2</sub> ; CHBr <sub>3</sub>
	Sturges, W.T. et al.: Bromoform as a source of stratospheric bromine, <i>Geophys. Res. Lett.</i> 27, 14, 2081-2084, 2000.	CHBr <sub>3</sub>
	Pfeilsticker, K.: Lower stratospheric organic and inorganic bromine budget for the arctic winter 1998/99, <i>Geophys. Res. Lett.</i> 27, 20, 3305-3308, 2000.	CHBr <sub>3</sub> ; CH <sub>2</sub> Br <sub>2</sub>
	Baker, J.M.: Emissions of CH <sub>3</sub> Br, organochlorines, and organoiodines from temperate macroalgae, <i>Chemosphere - Global Change Science</i> , 3, 1, 93-106, 2000.	CH <sub>3</sub> I
	Oram, D. E.: Observations in Eastern England of elevated methyl-iodide concentrations in air of Atlantic origin, <i>Atmos. Environ.</i> 28, 1159, 1994.	CH <sub>3</sub> I
University of York	Carpenter, L. J. et al.: Abiotic Source of Reactive Organic Halogens in the Sub-Arctic Atmosphere? <i>Environ. Sci. Technol.</i> , 39, 8812-8816, 2005.	CHBr <sub>3</sub>
	Carpenter, L. J. et al.: Depth profiles of volatile iodine and bromine-containing halocarbons in coastal Antarctic waters, <i>Marine Chemistry</i> , 103, 227-236, 2007.	CHBr <sub>3</sub>
	Carpenter, L. J. et al.: Bromoform in tropical Atlantic air from 25 degrees N to 25 degrees S, <i>Geophys. Res. Lett.</i> , 34, 11, doi:10.1029/2007GL029893, 2007.	CHBr <sub>3</sub>
	Carpenter, L. J. et al.: Air-sea fluxes of biogenic bromine from the tropical and North Atlantic Ocean, <i>Atmos. Chem. Phys.</i> , 9, 1805–1816, 2009.	CHBr <sub>3</sub> ; CH <sub>2</sub> Br <sub>2</sub>
	Jones, C. E. et al.: Coastal measurements of short-lived reactive iodocarbons and bromocarbons at Roscoff, Brittany during the RHaMBLe campaign, <i>Atmos. Chem. Phys.</i> , 9, 8757–8769, 2009.	CH <sub>3</sub> I; CH <sub>2</sub> Br <sub>2</sub> ; CHBr <sub>3</sub>
	Jones, C. E. et al.: Quantifying the contribution of marine organic gases to atmospheric iodine, <i>Geophys. Res. Lett.</i> , 37, doi:10.1029/2010GL043990, 2010.	CH <sub>3</sub> I