

**Table: Description of VOCMIP experiments**

<b>Experiments</b>	<b>Tier</b>	<b>Years</b>	<b>Biogenic emissions</b>	<b>CH<sub>4</sub></b>	<b>Dry deposition</b>	<b>Scientific purpose</b>
1	1	2015 & 2019	Host models for biogenic	Fixed surface conc	Host model	
2a	2	2016 - 2018	Host models for biogenic	Fixed surface conc	Host model	Allow for comparison with ATom aircraft observations
2b	2	2015 & 2019	Fixed biogenic	Fixed surface conc	Host model	Impact of biogenic emission on model differences
2c	2	2015 & 2019	Host models for biogenic	CH <sub>4</sub> emissions	Host model	Impact of CH <sub>4</sub> on NMVOC
2d	2	2015 & 2019	Host models for biogenic	Fixed surface conc	Fixed	Impact of dry deposition on model differences
2e	2	2015 & 2019	Host models for biogenic	Fixed surface conc	Host model	Use alternative chemical schemes