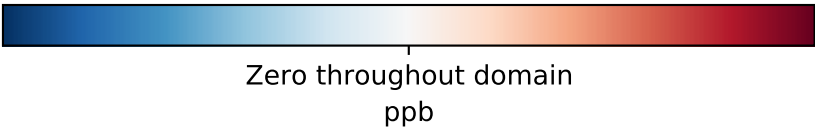
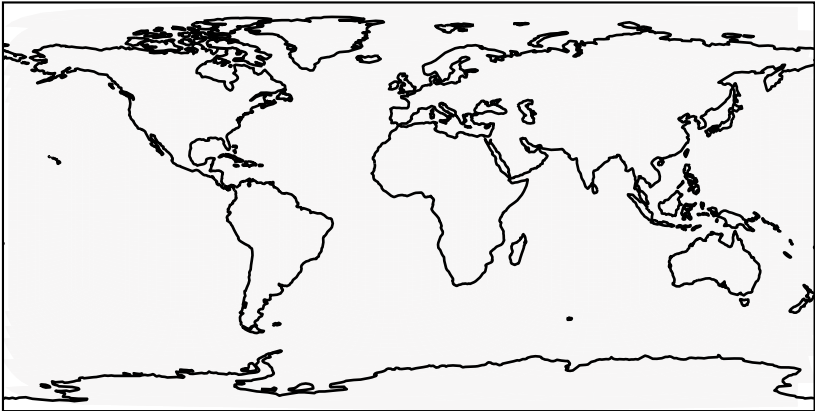
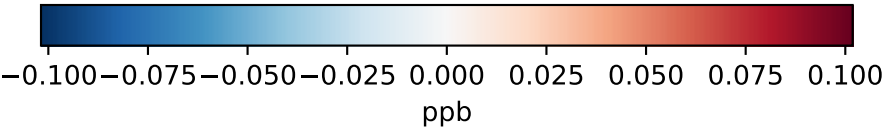
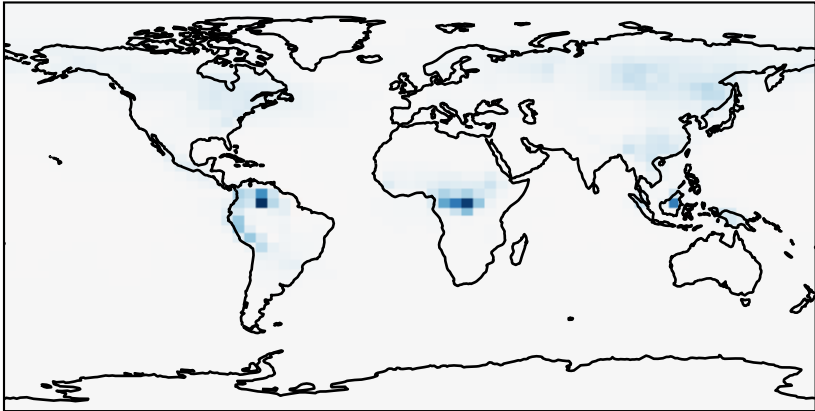
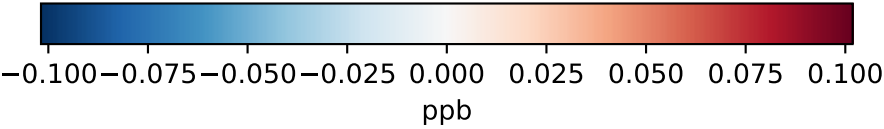
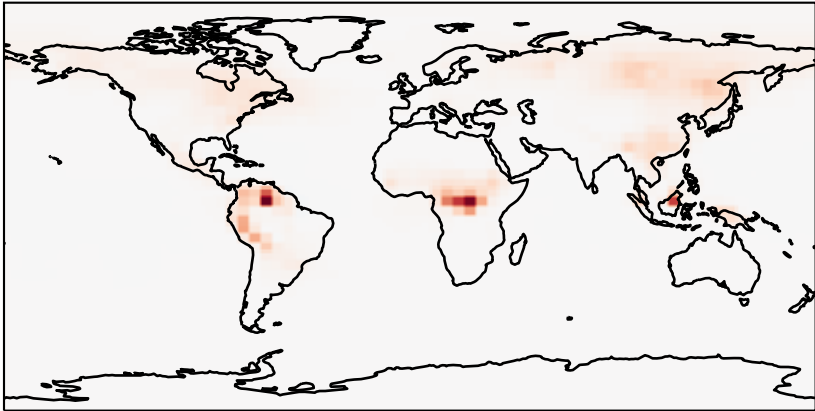


SpeciesConc_TSOA0

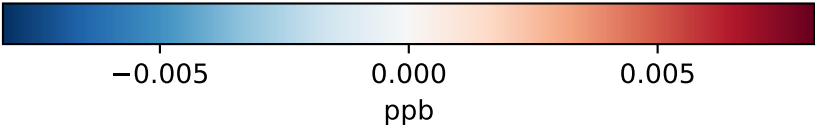
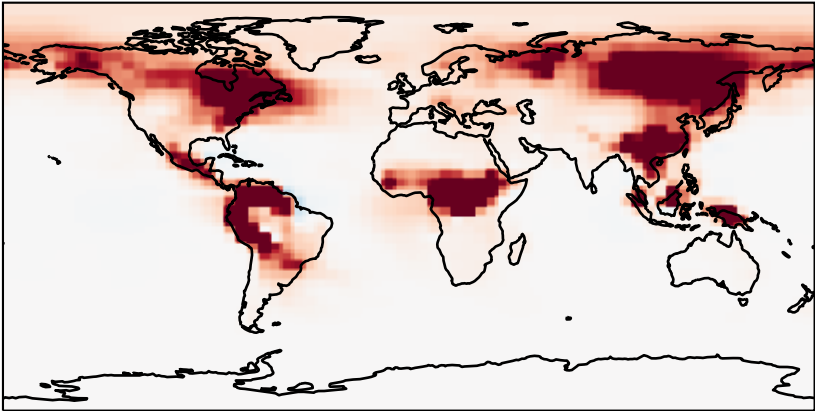
GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref) 4.0x5.0 GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev) c48



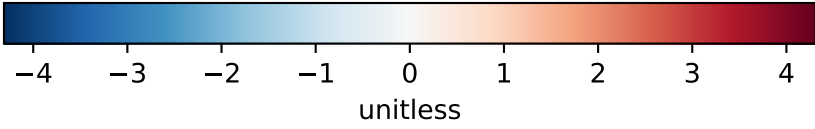
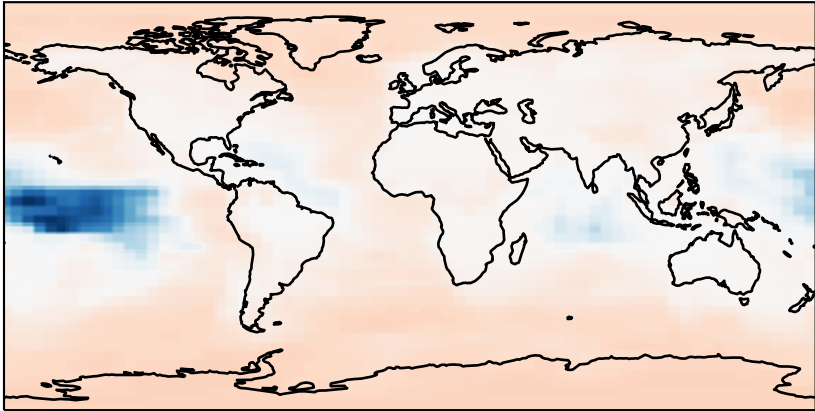
Difference (1x1.25)
Dev - Ref, Dynamic Range



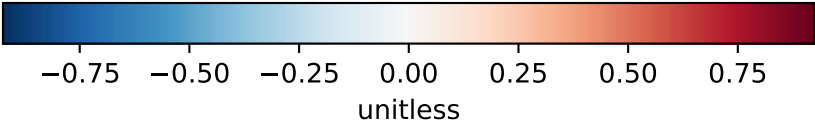
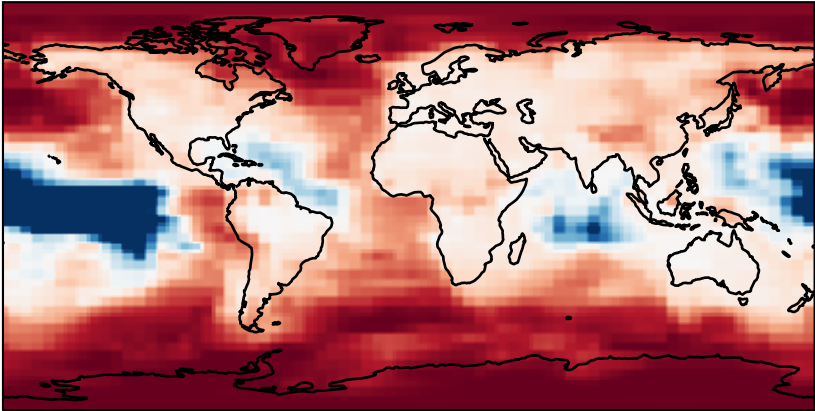
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

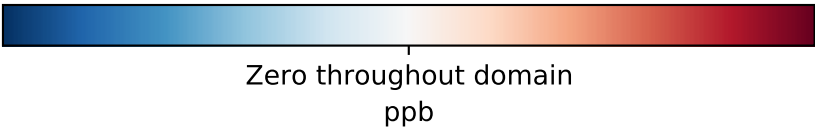
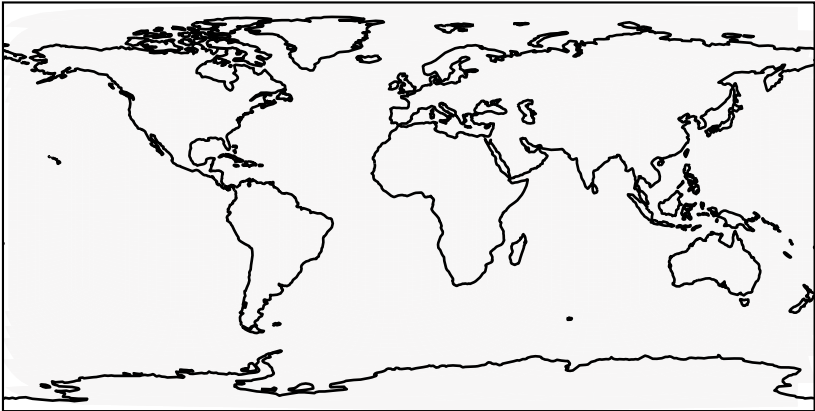
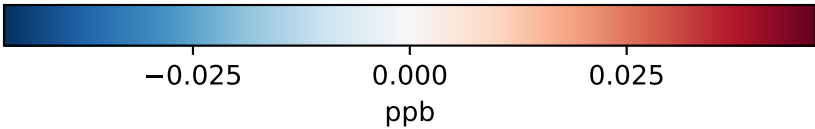
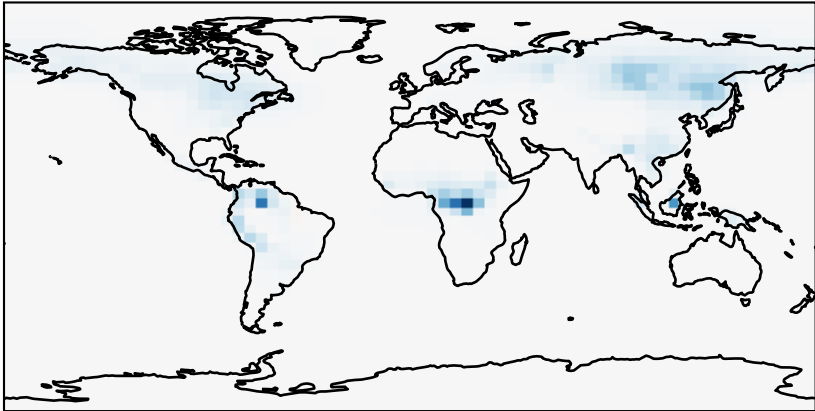


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

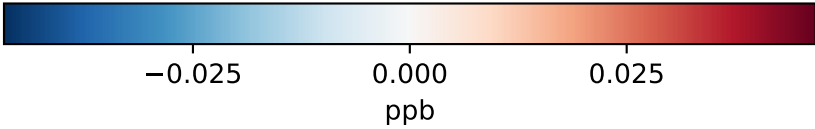
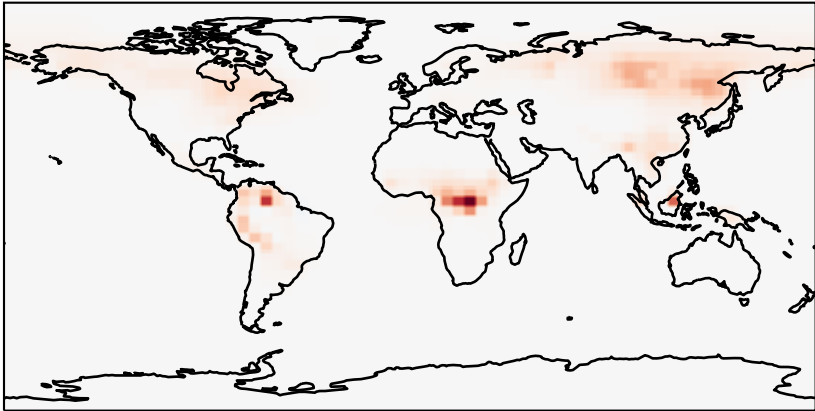


SpeciesConc_TSOA1

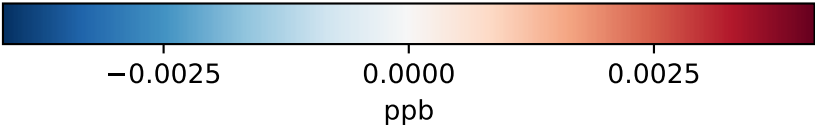
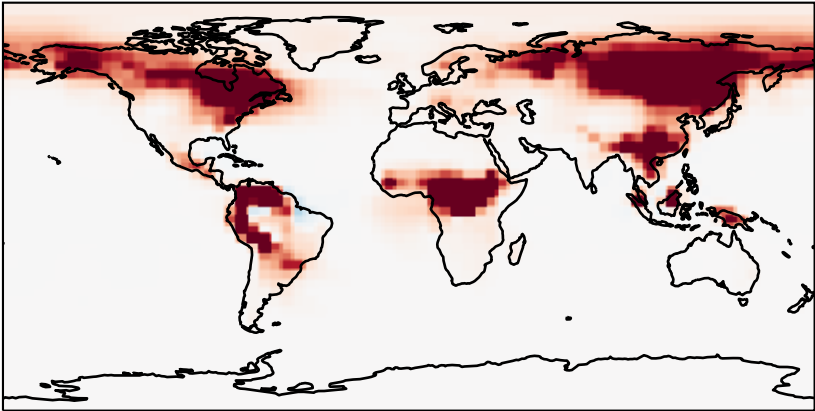
GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref) 4.0x5.0 GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev) c48



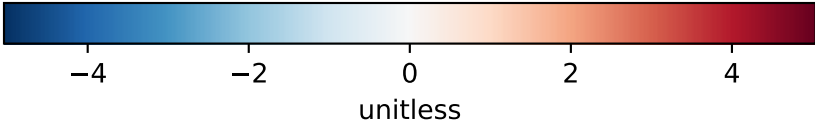
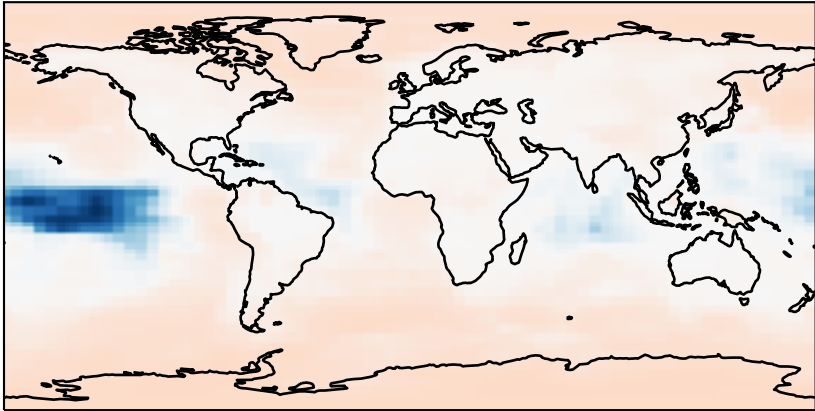
Difference (1x1.25)
Dev - Ref, Dynamic Range



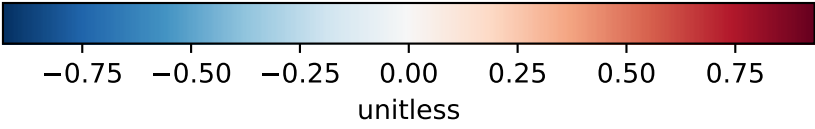
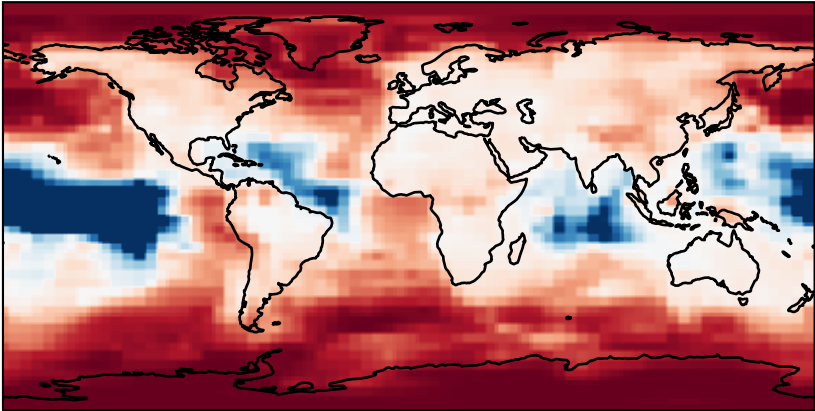
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

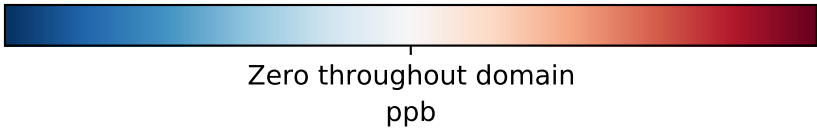
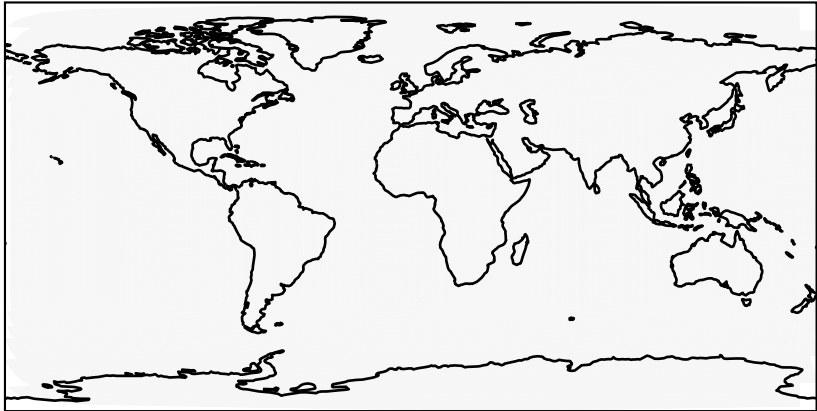
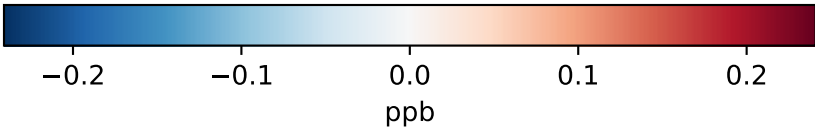
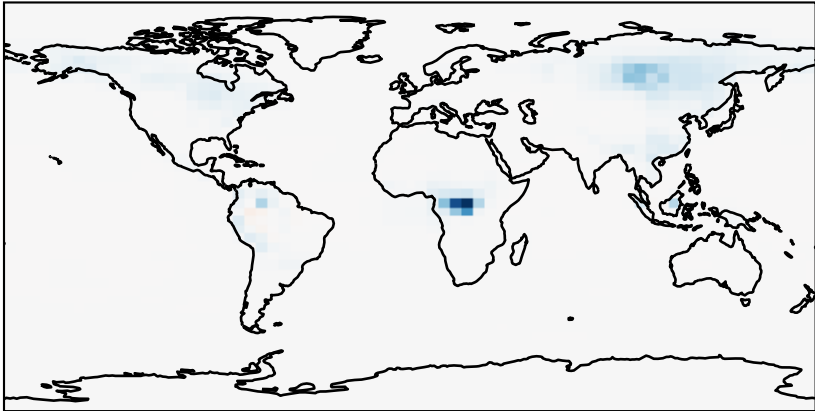


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

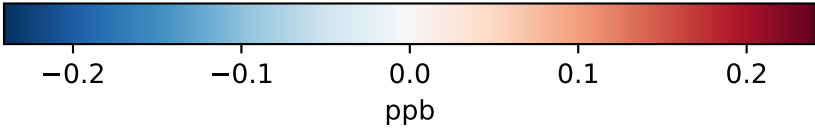
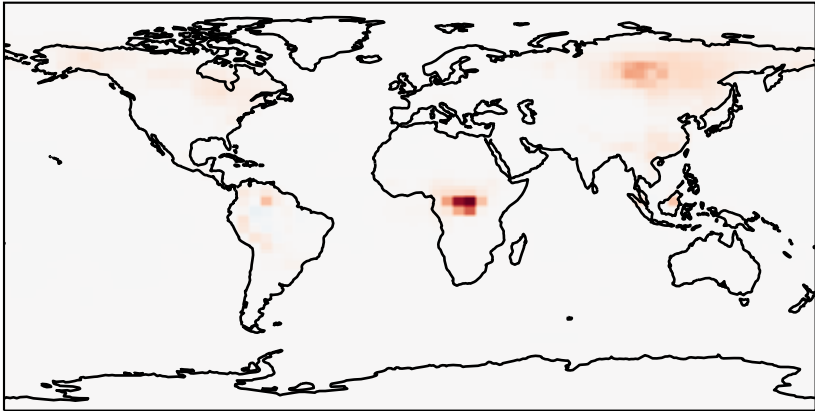


SpeciesConc_TSOA2

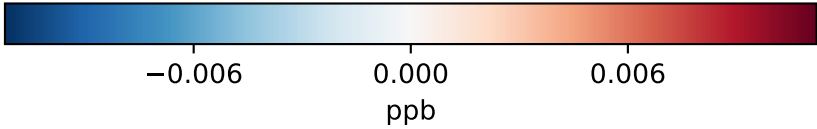
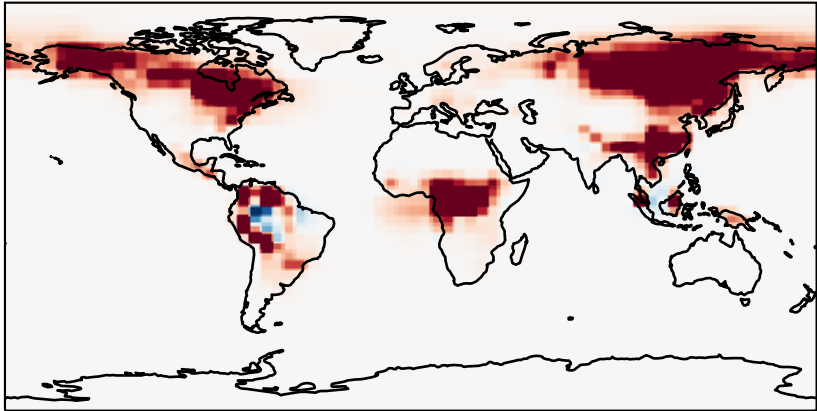
GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref) 4.0x5.0 GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev) c48



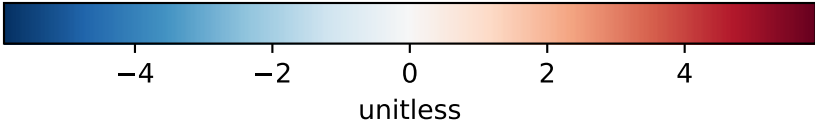
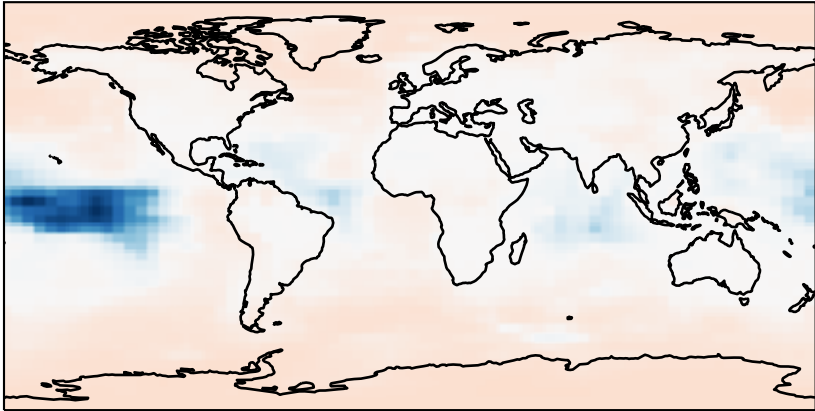
Difference (1x1.25)
Dev - Ref, Dynamic Range



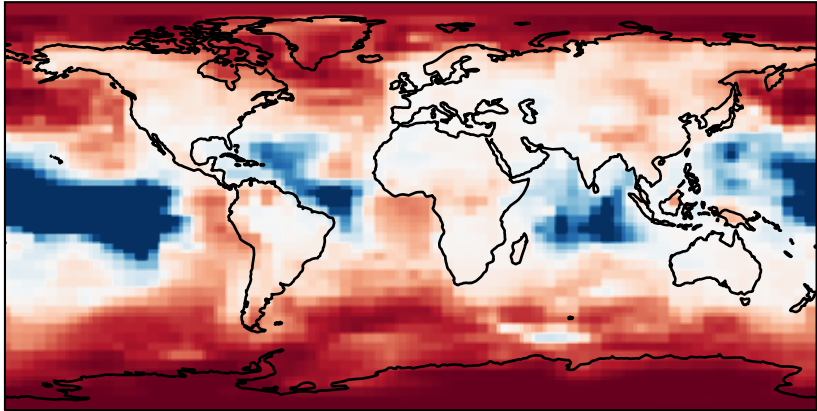
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

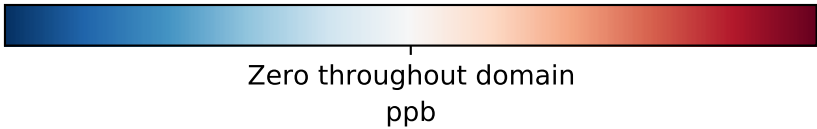
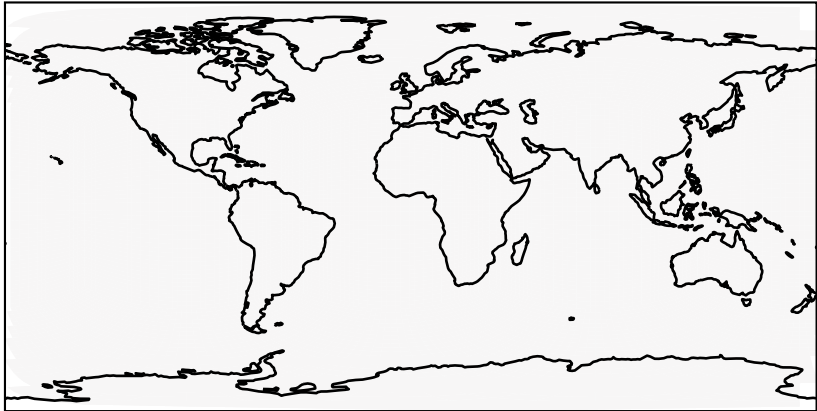
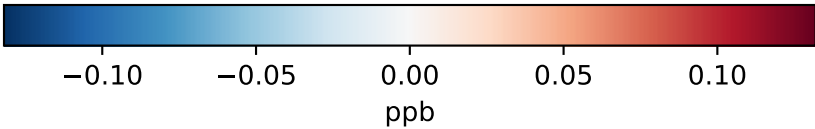


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

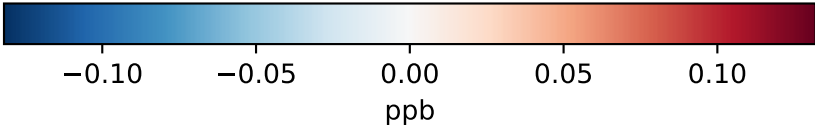
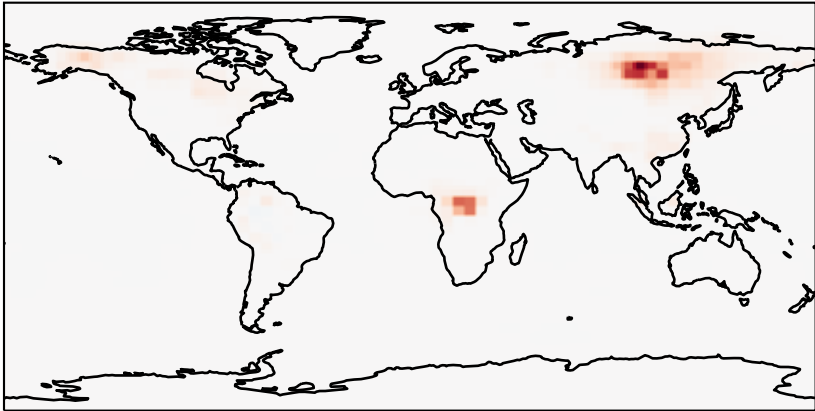


SpeciesConc_TSOA3

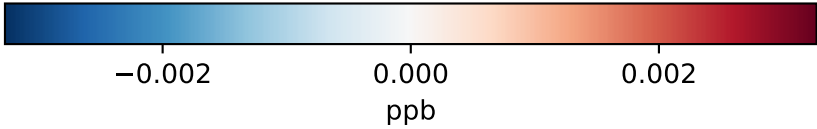
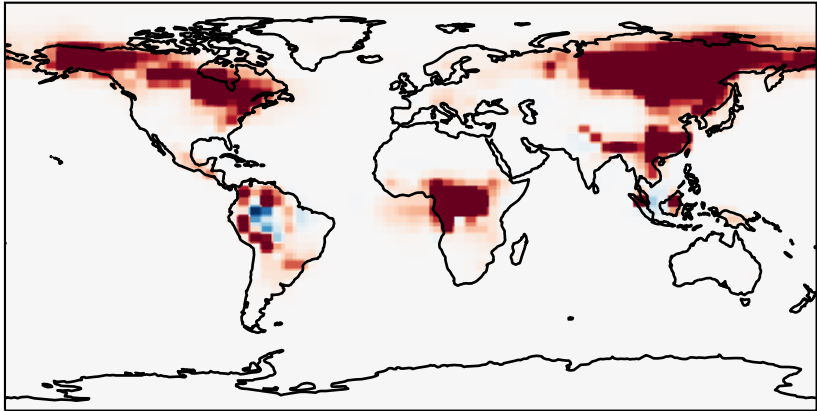
GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref) 4.0x5.0 GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev) c48



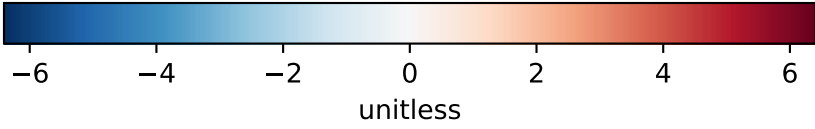
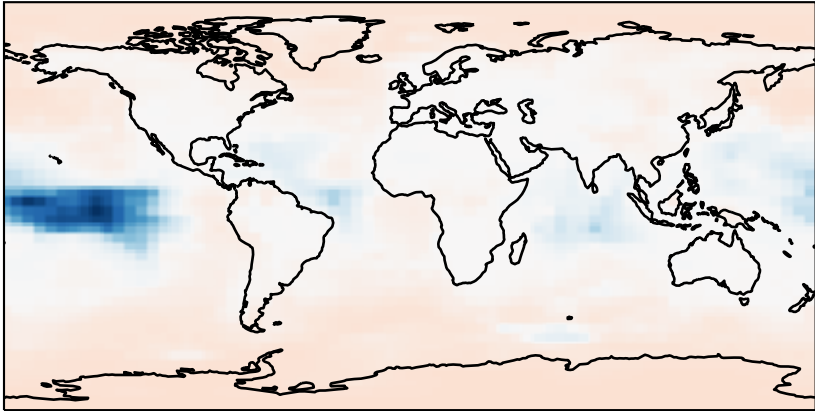
Difference (1x1.25)
Dev - Ref, Dynamic Range



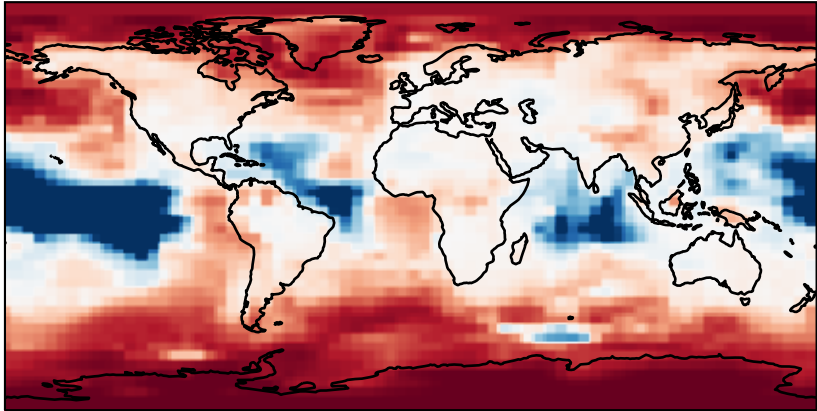
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

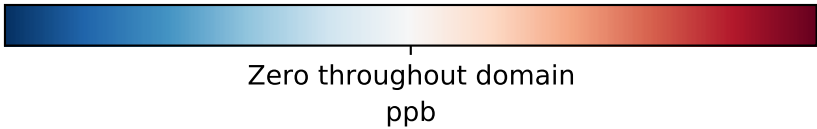
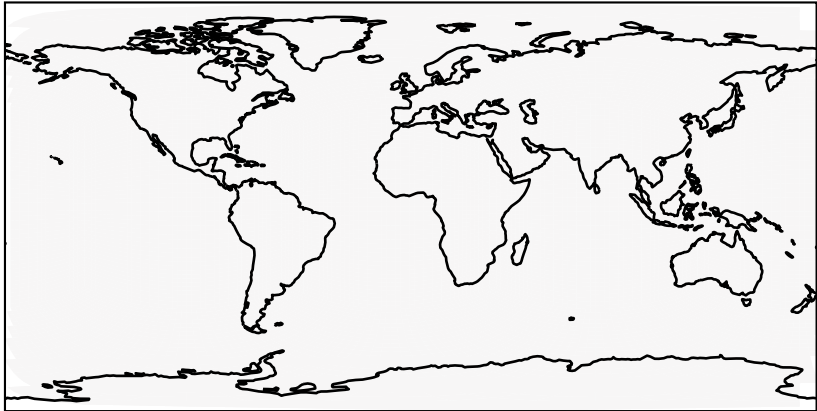
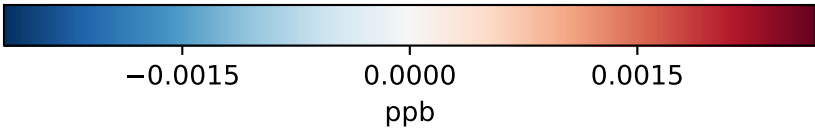
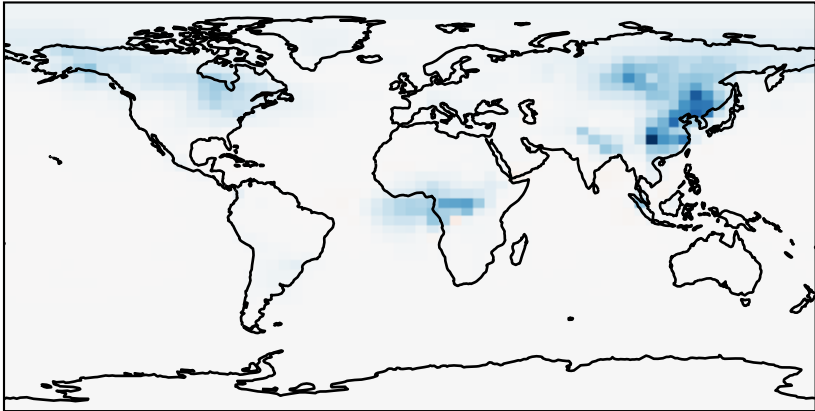


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

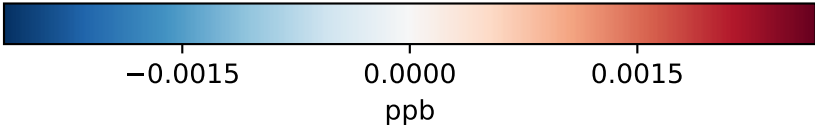
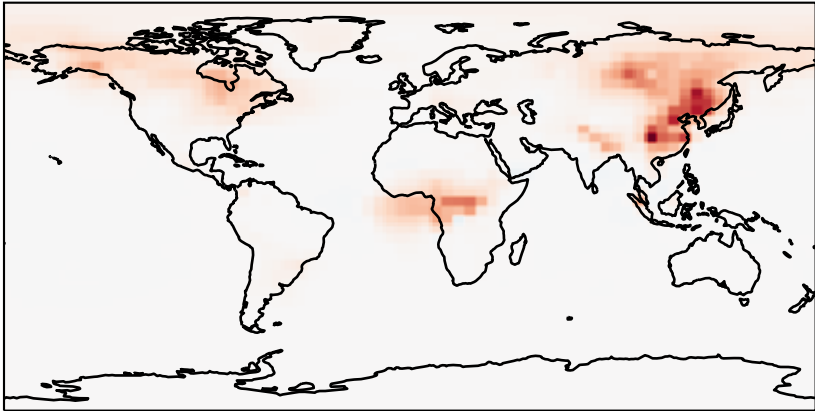


SpeciesConc_ASOA1

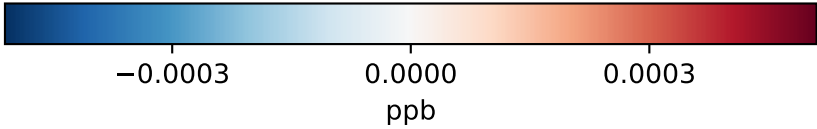
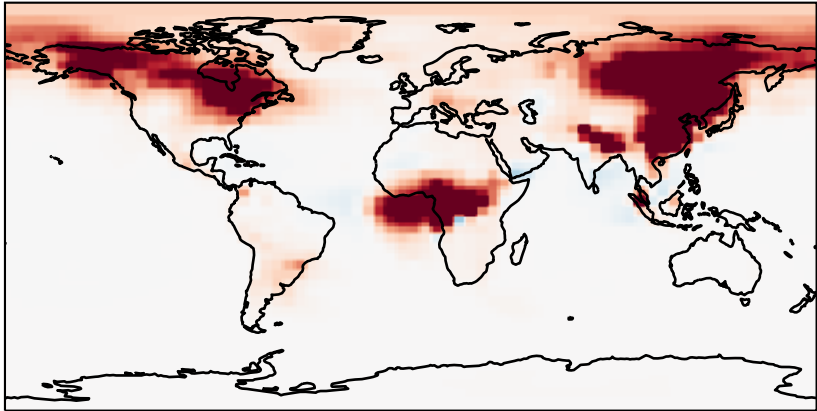
GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref) 4.0x5.0 GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev) c48



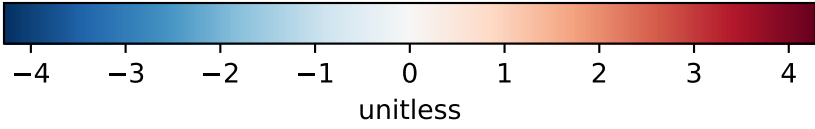
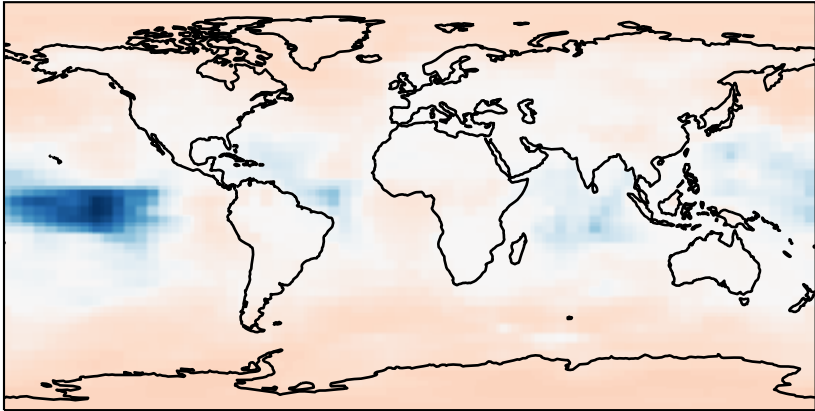
Difference (1x1.25)
Dev - Ref, Dynamic Range



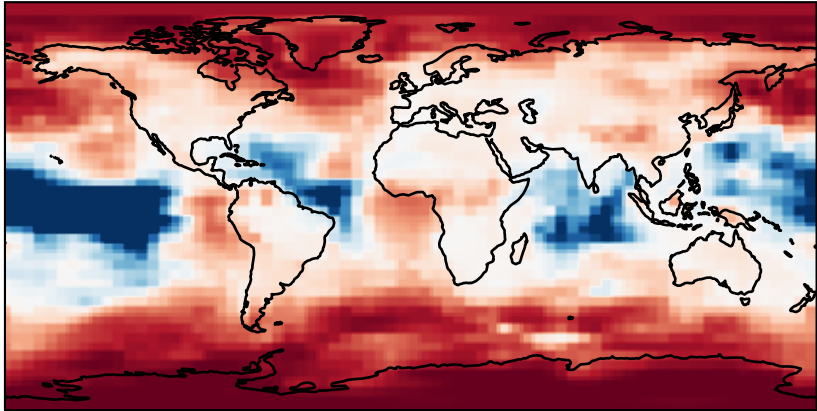
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

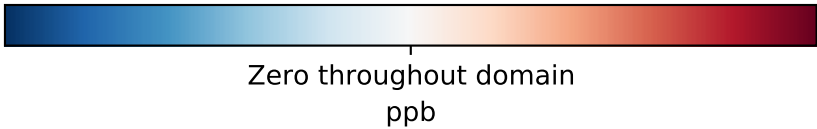
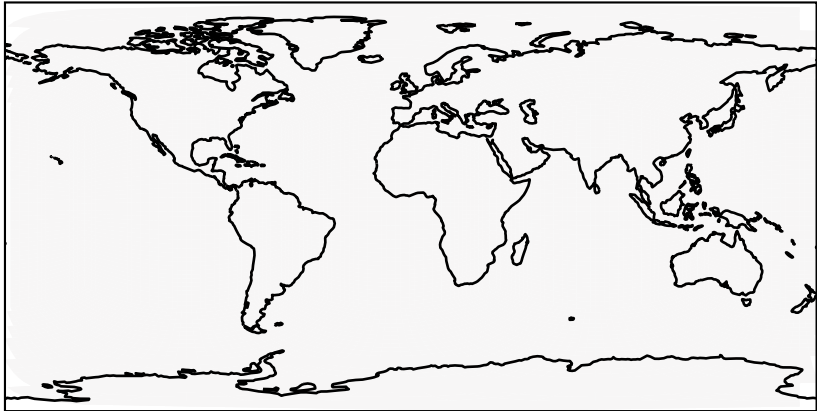
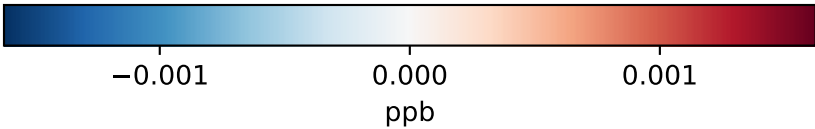
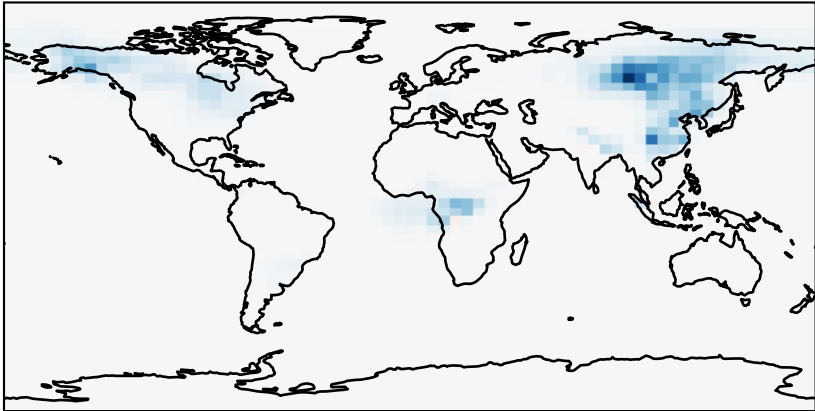


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

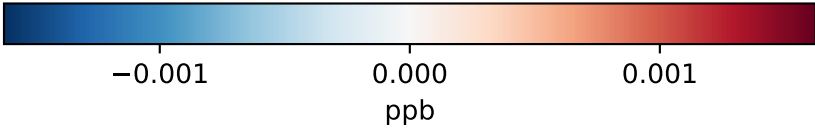
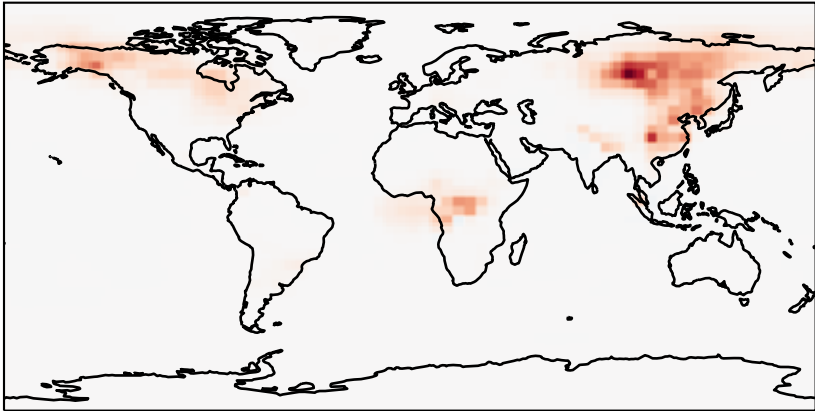


SpeciesConc_ASOA2

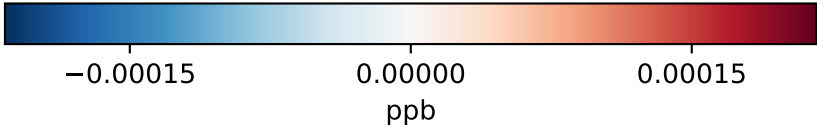
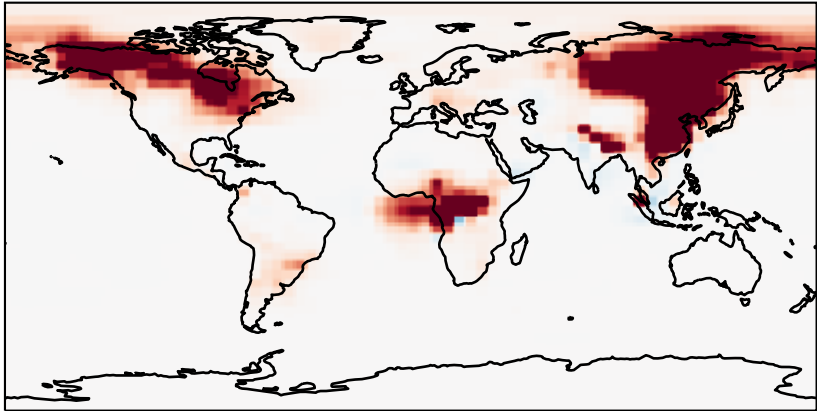
GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref) 4.0x5.0 GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev) c48



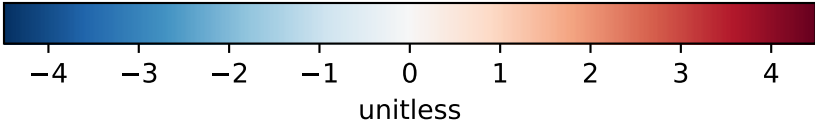
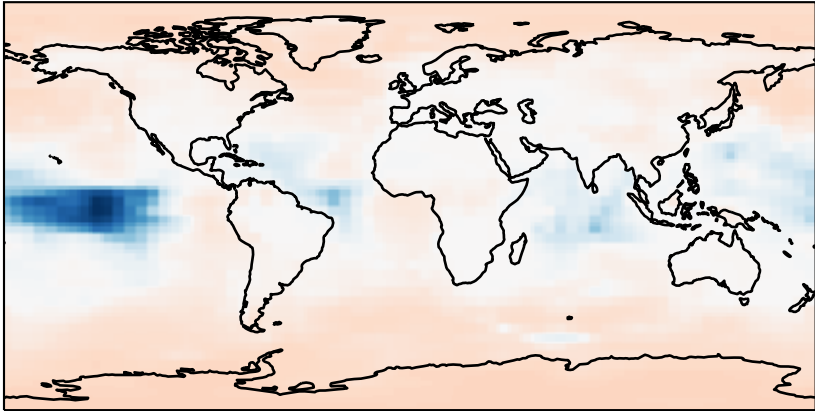
Difference (1x1.25)
Dev - Ref, Dynamic Range



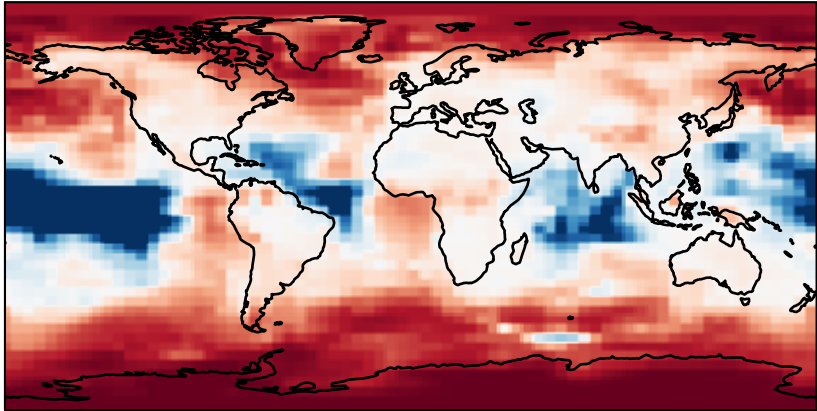
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

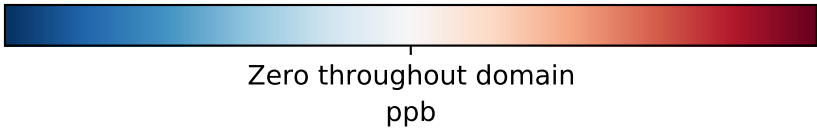
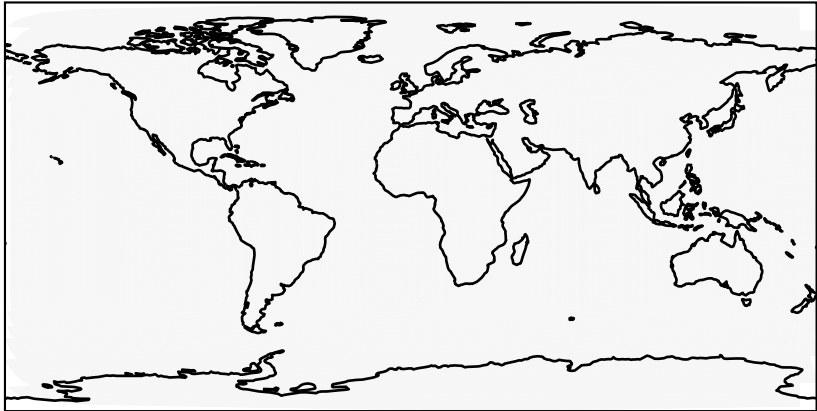
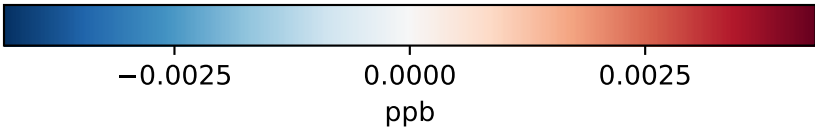
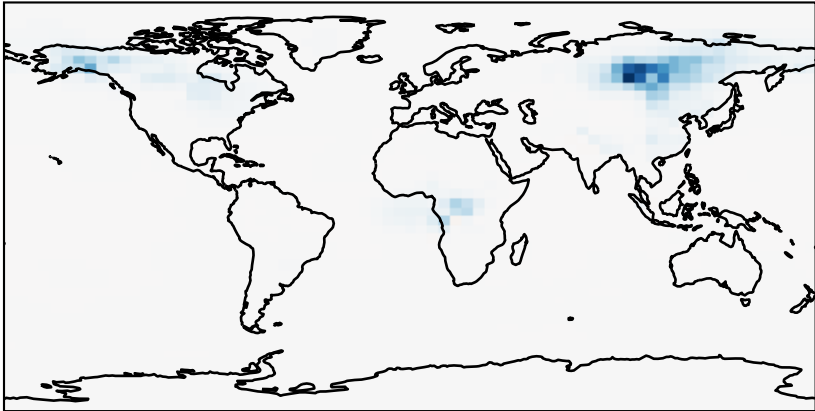


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

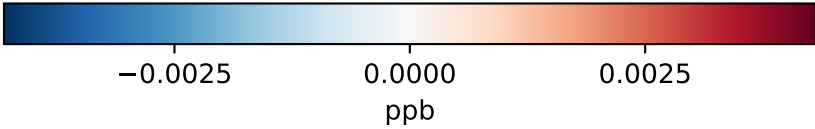
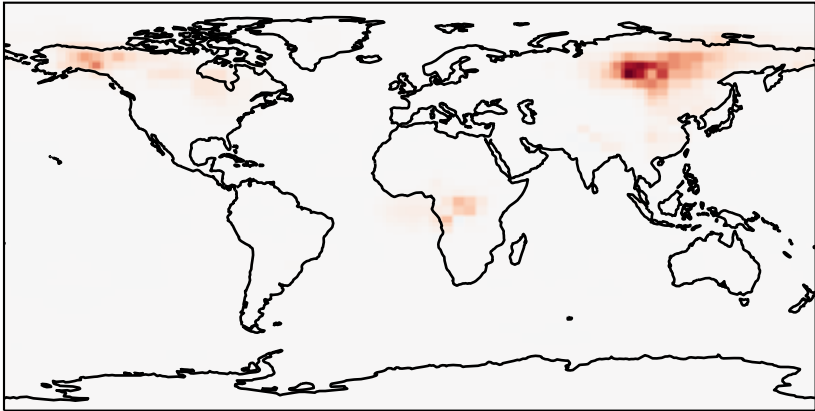


SpeciesConc_ASOA3

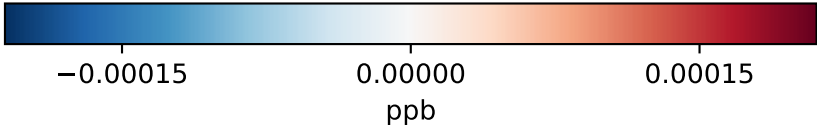
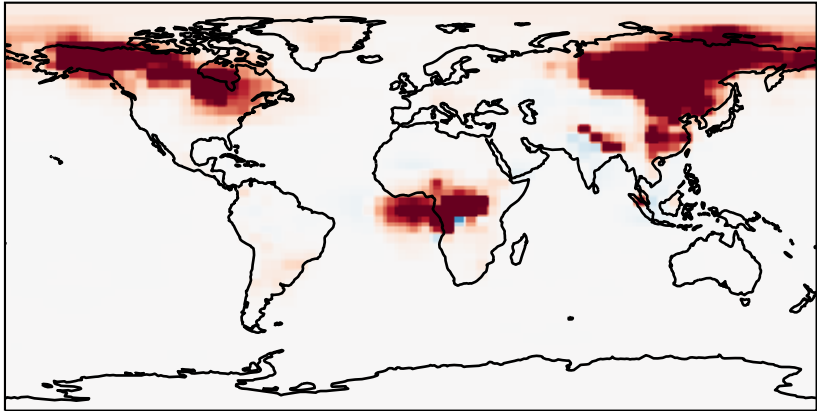
GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref) 4.0x5.0 GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev) c48



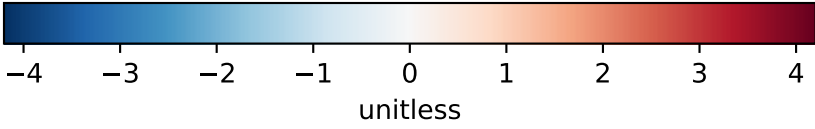
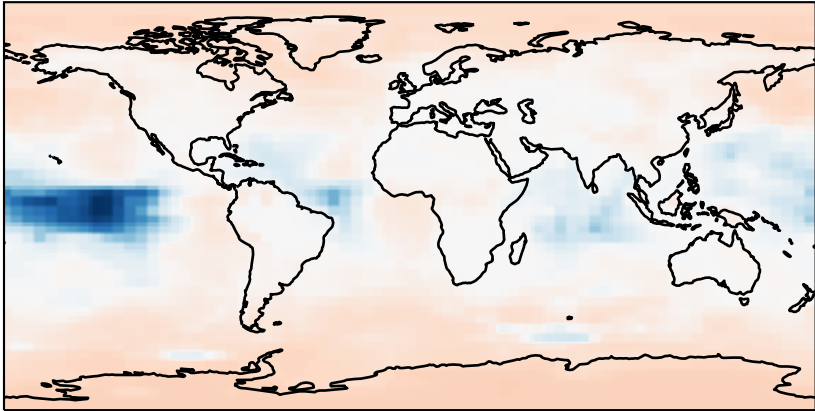
Difference (1x1.25)
Dev - Ref, Dynamic Range



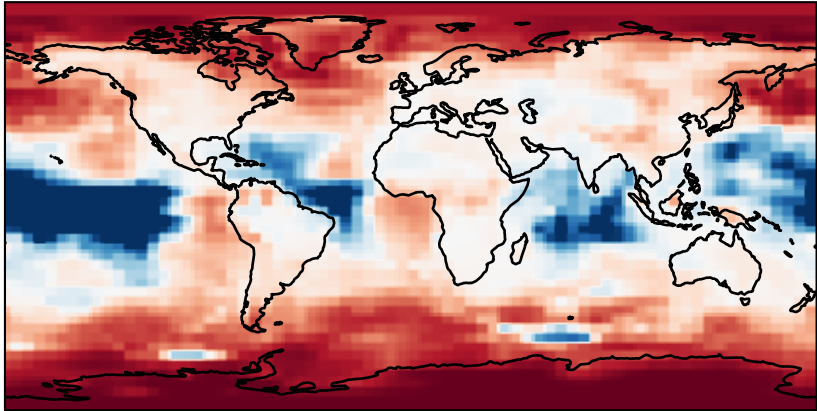
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

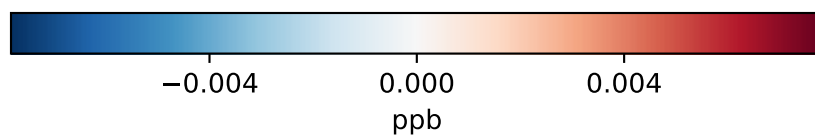
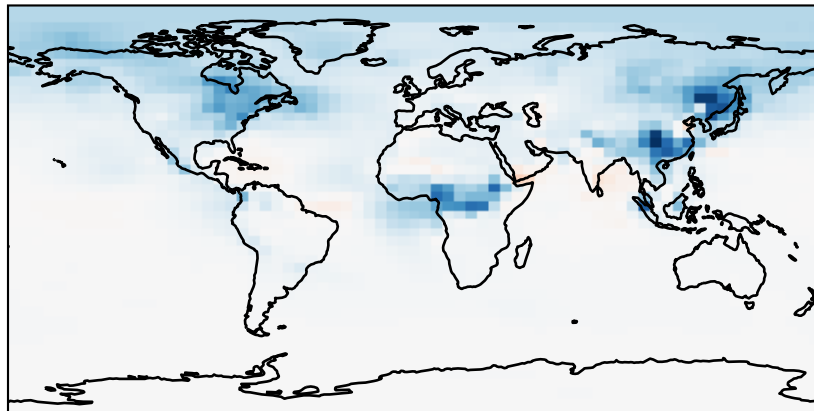


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

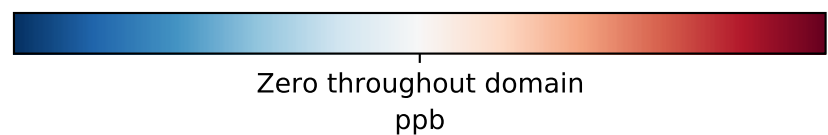
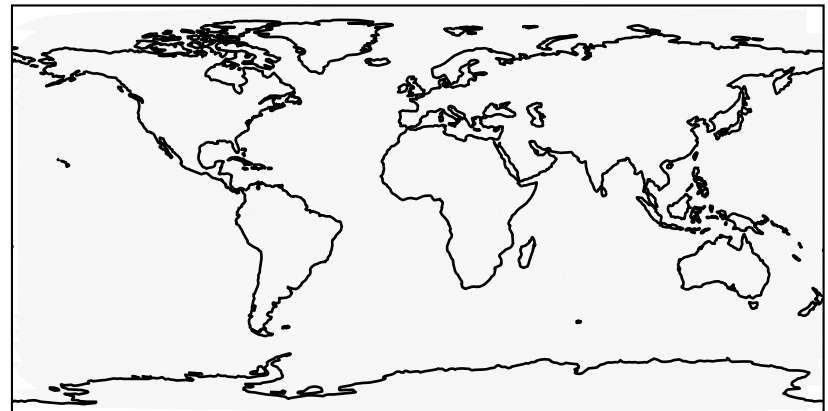


SpeciesConc_ASOAN

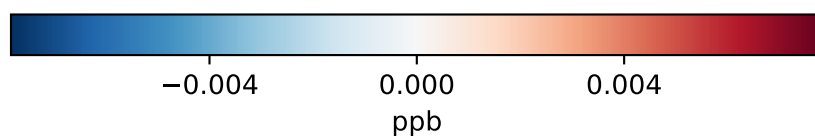
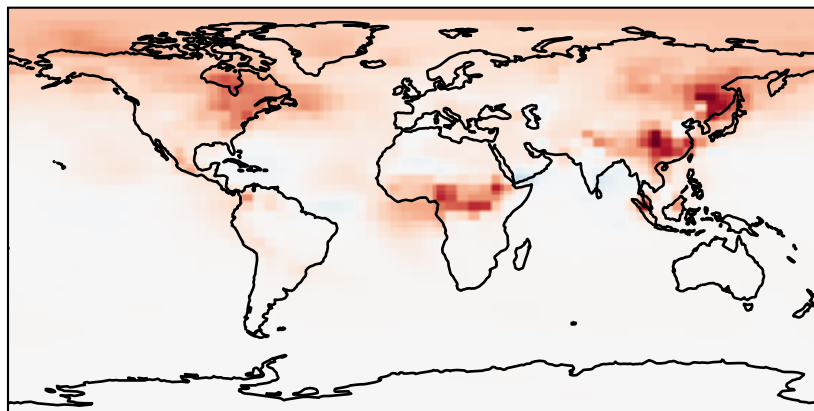
GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref)
4.0x5.0



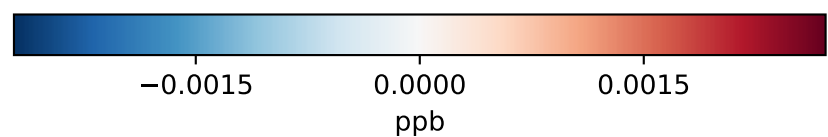
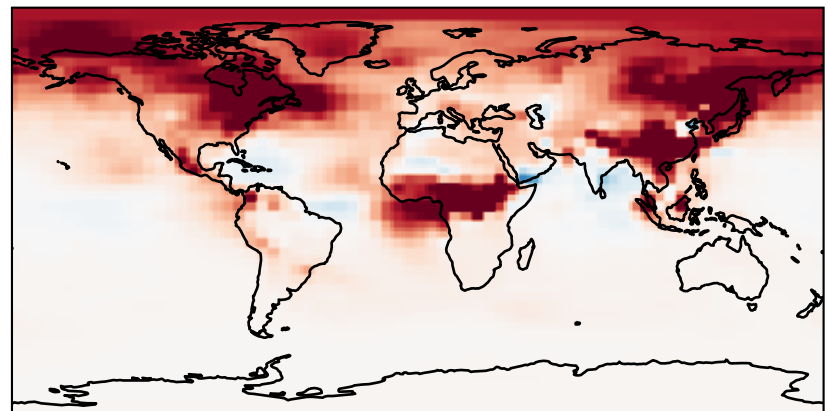
GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev)
c48



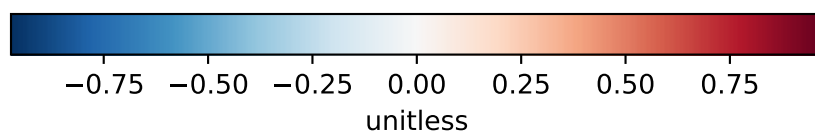
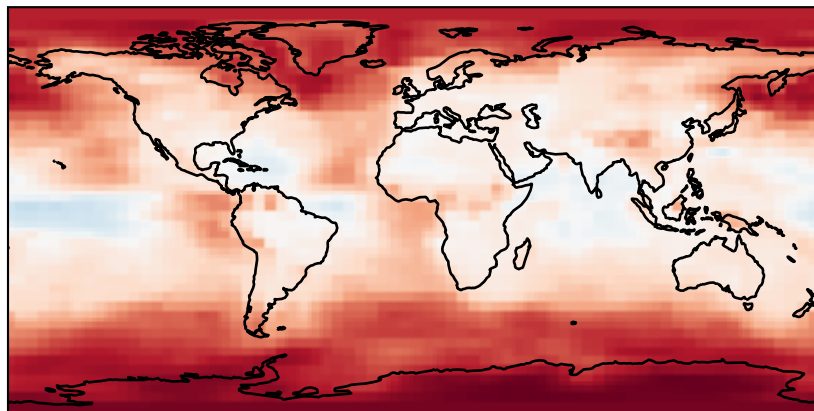
Difference (1x1.25)
Dev - Ref, Dynamic Range



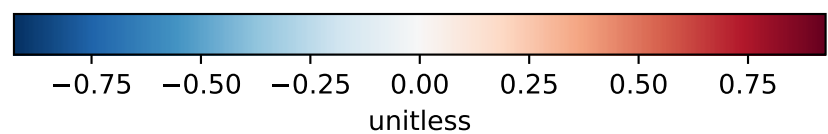
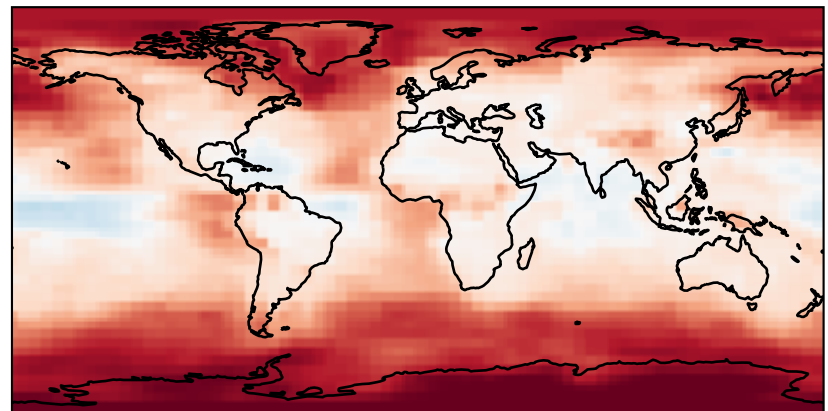
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

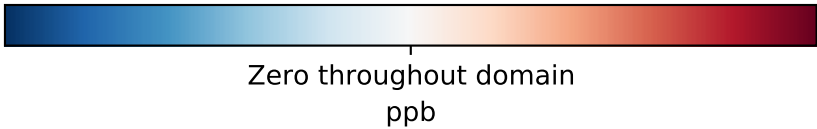
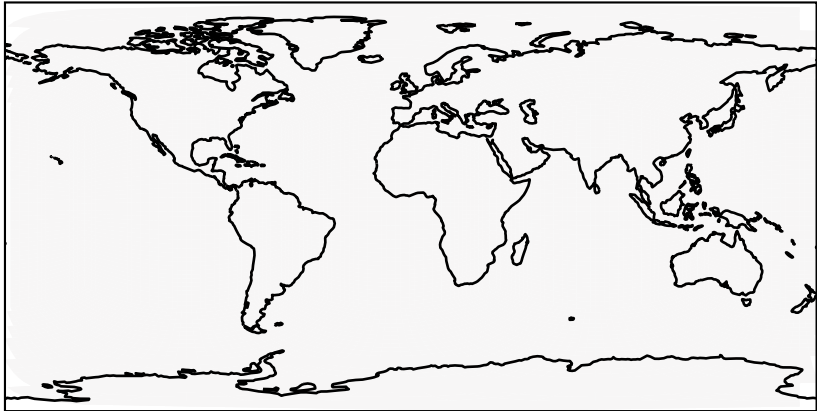
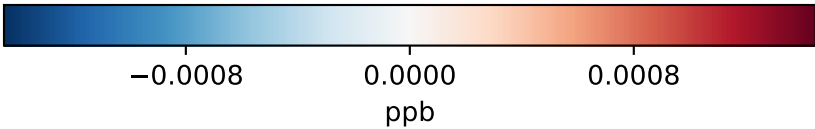
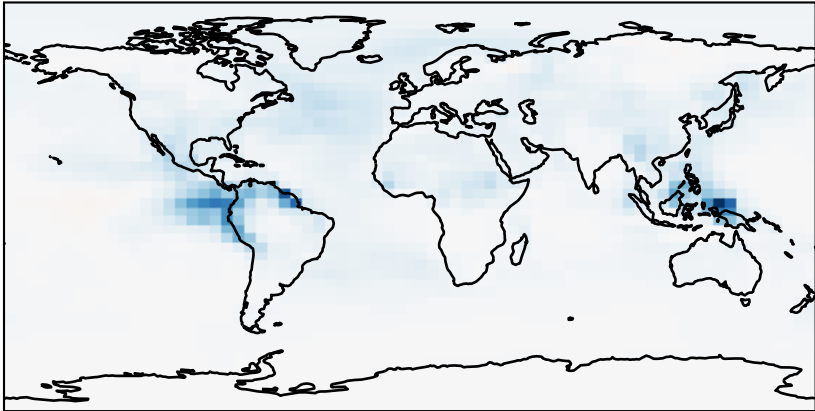


Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

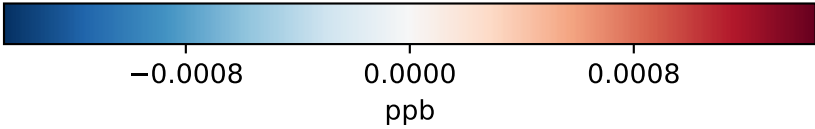
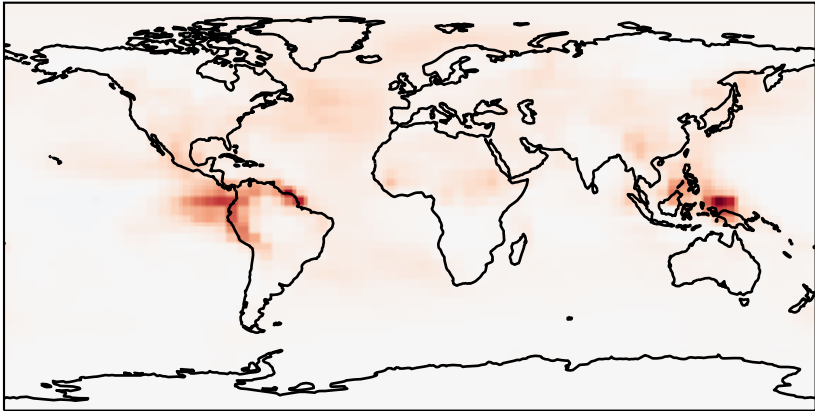


SpeciesConc_TSOG0

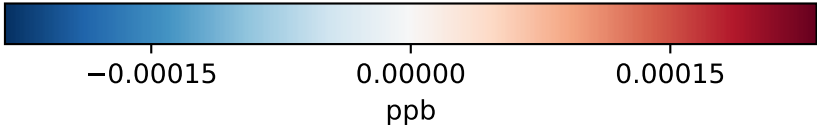
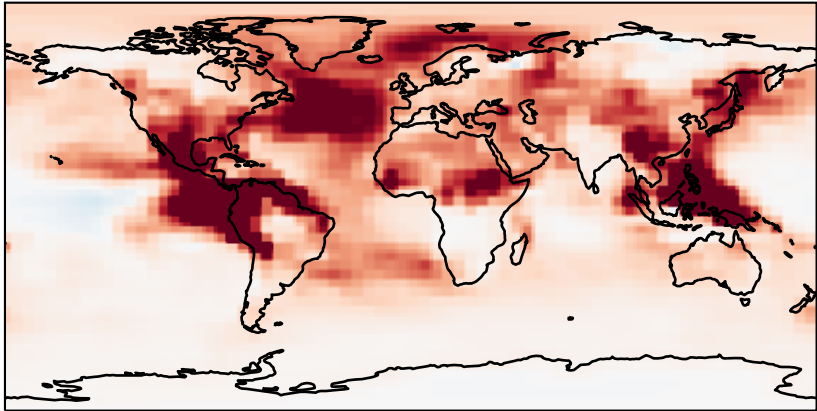
GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref) 4.0x5.0 GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev) c48



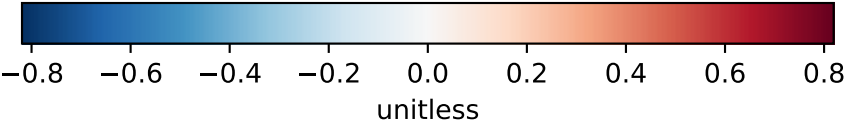
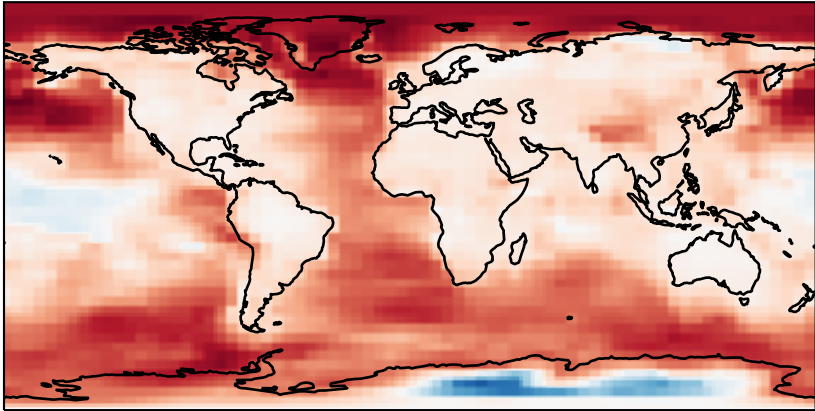
Difference (1x1.25)
Dev - Ref, Dynamic Range



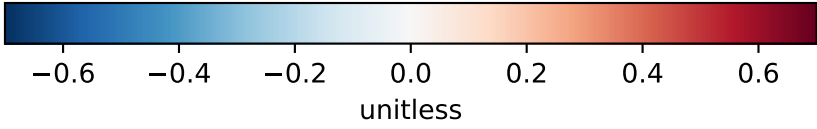
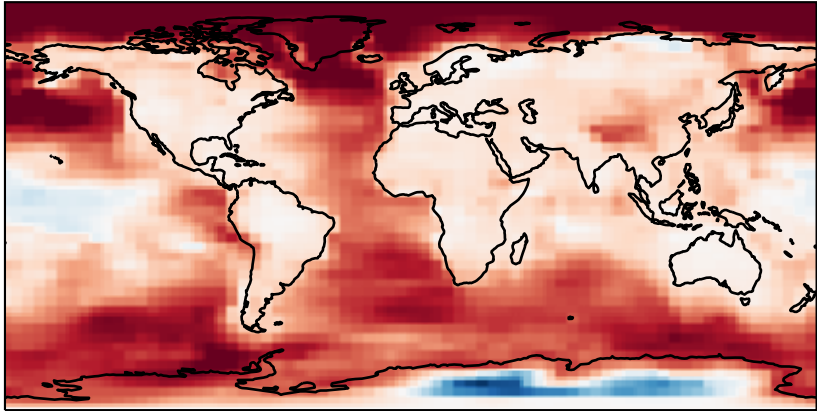
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

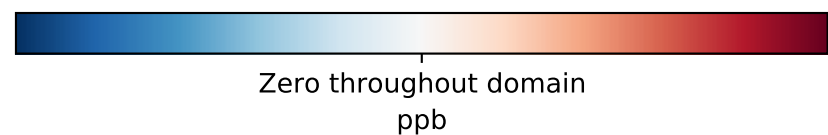
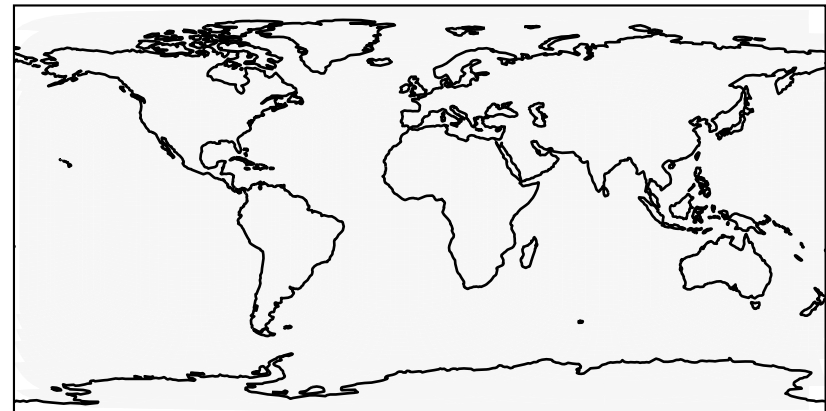
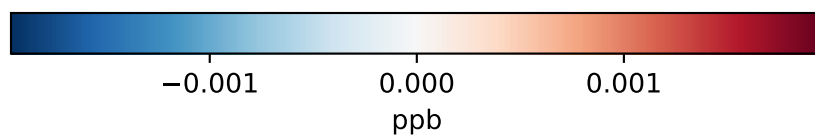
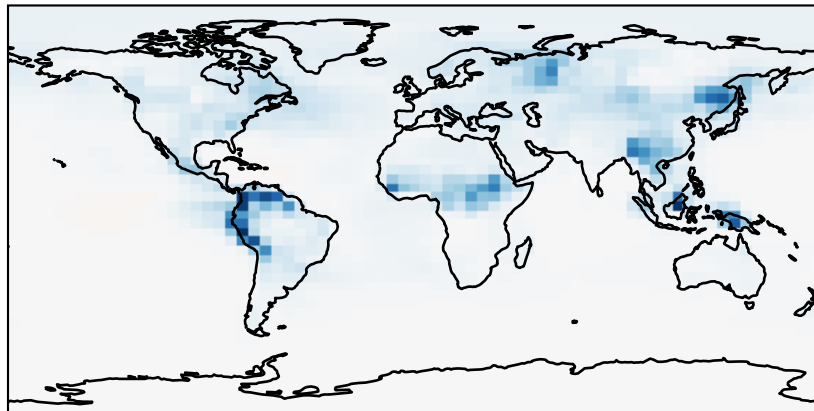


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

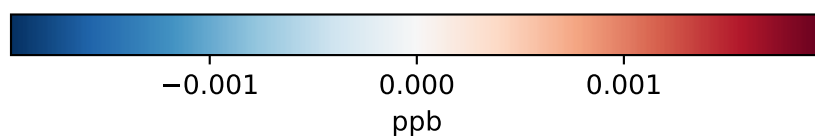
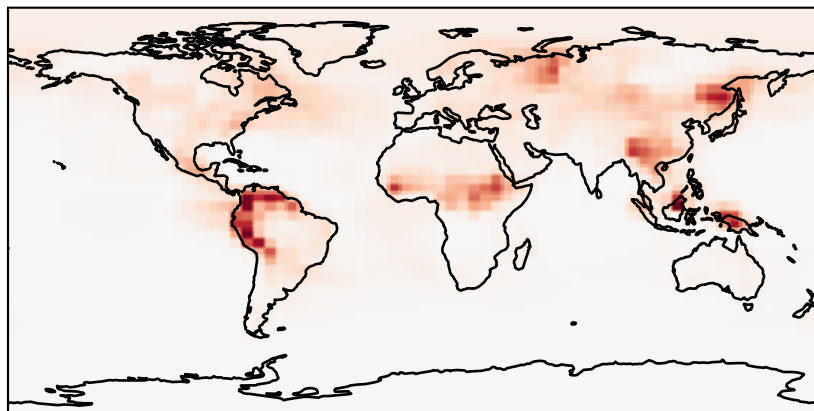


SpeciesConc_TSOG1

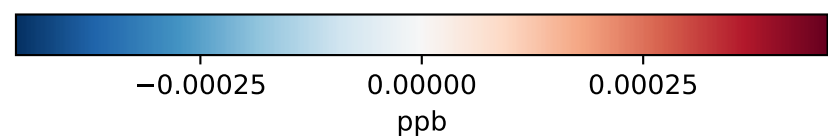
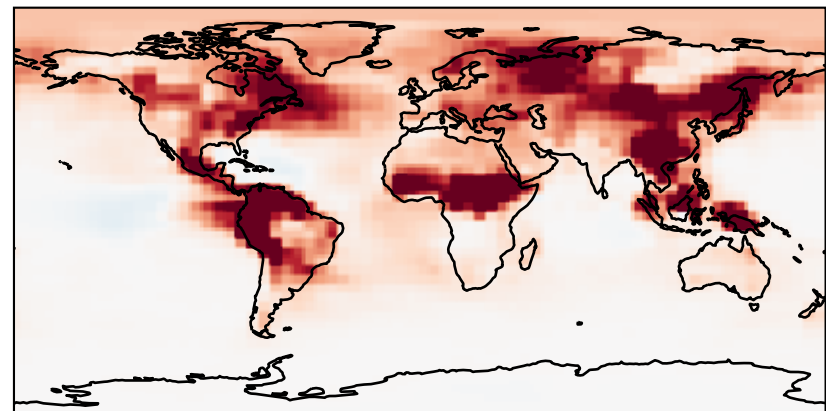
GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref) 4.0x5.0 GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev) c48



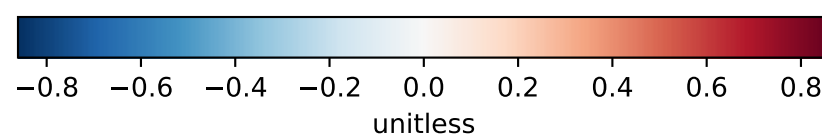
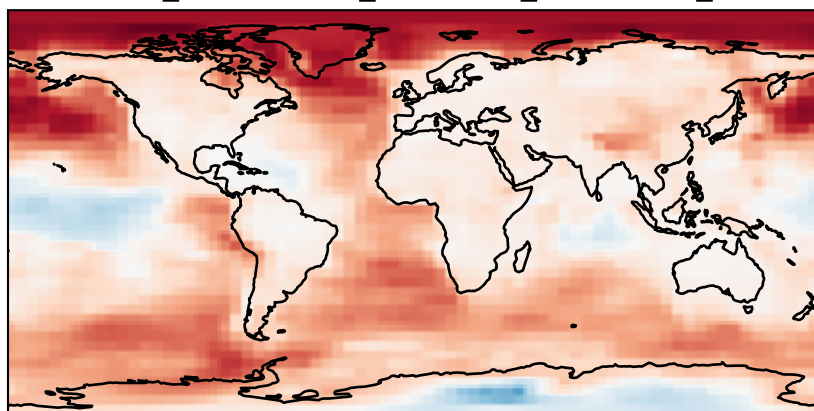
Difference (1x1.25)
Dev - Ref, Dynamic Range



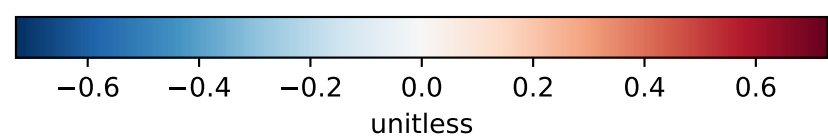
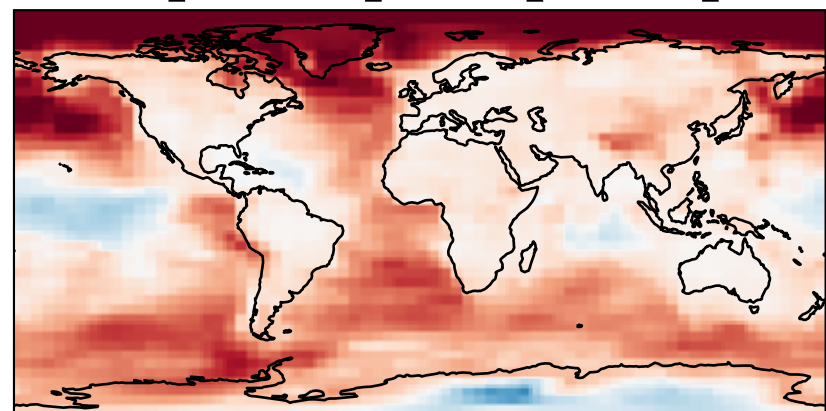
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

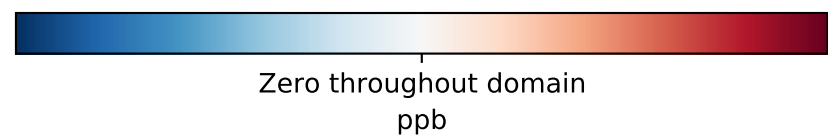
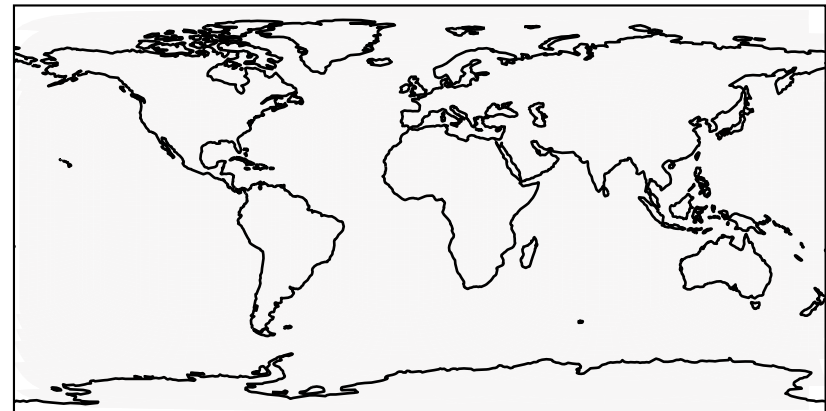
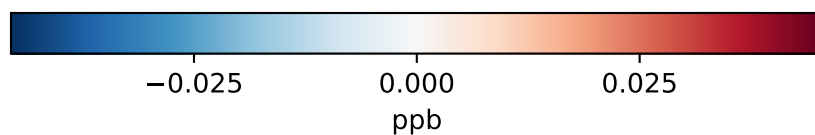
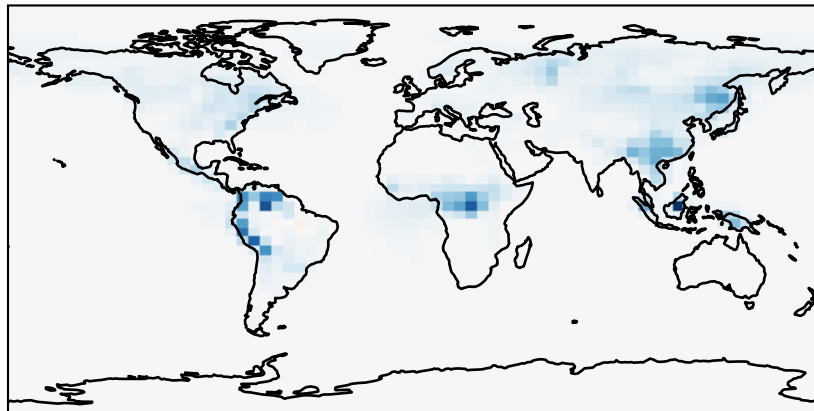


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

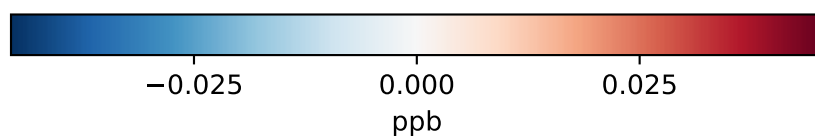
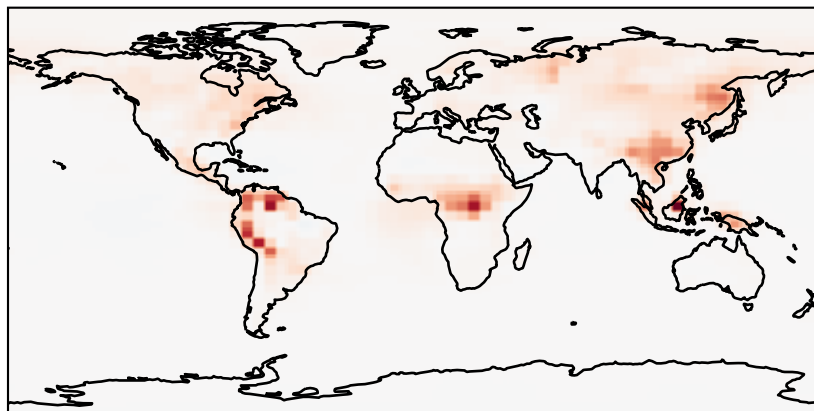


SpeciesConc_TSOG2

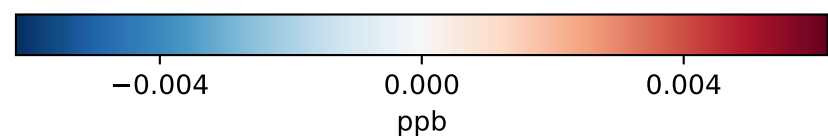
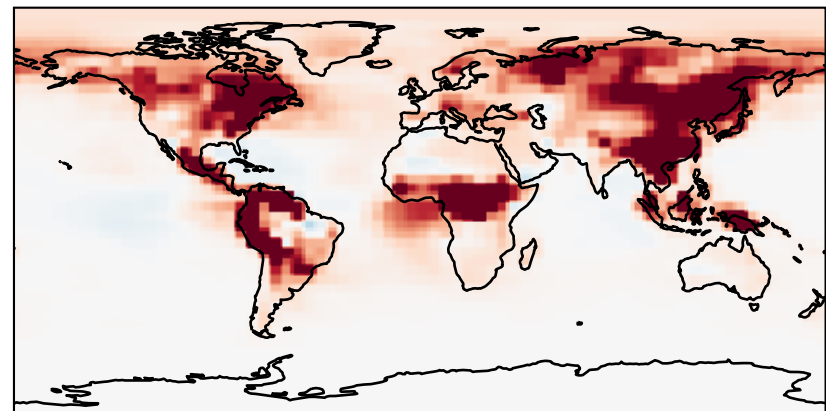
GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref) 4.0x5.0 GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev) c48



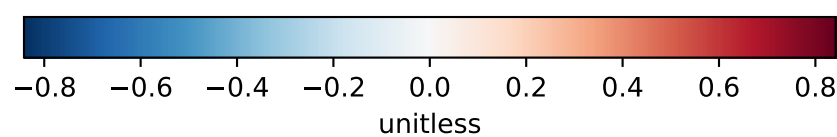
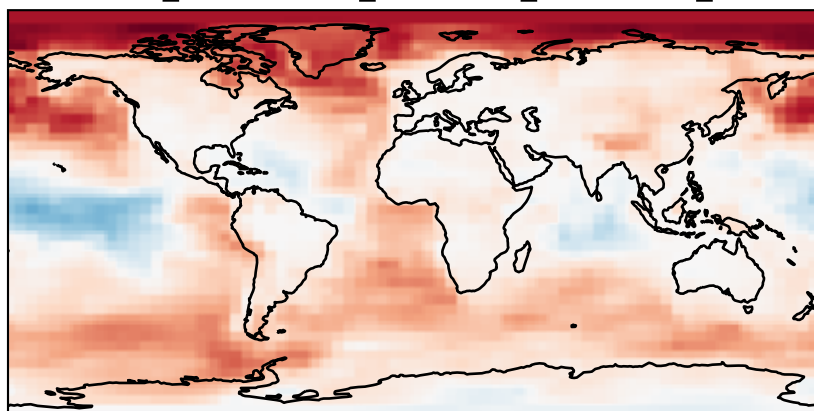
Difference (1x1.25)
Dev - Ref, Dynamic Range



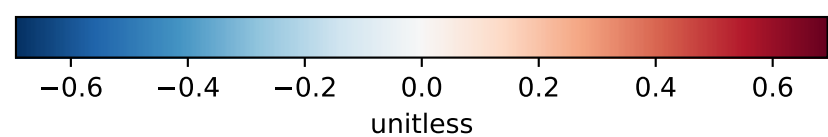
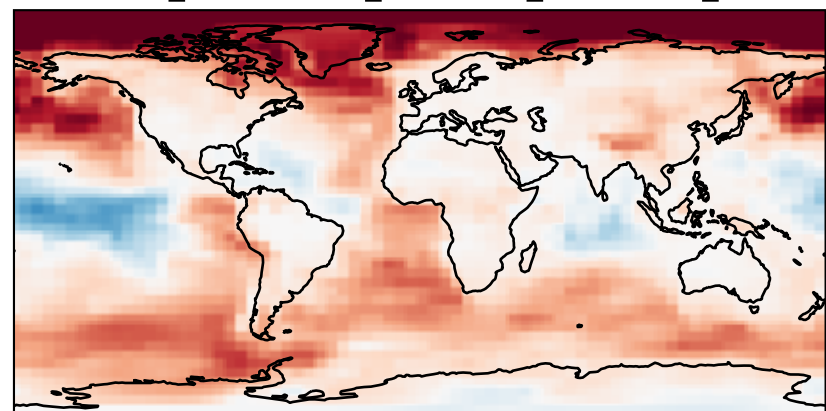
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

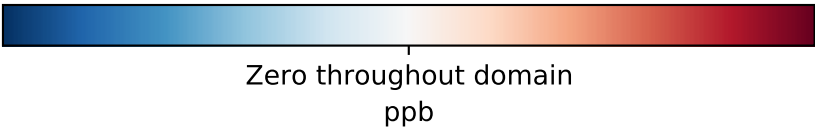
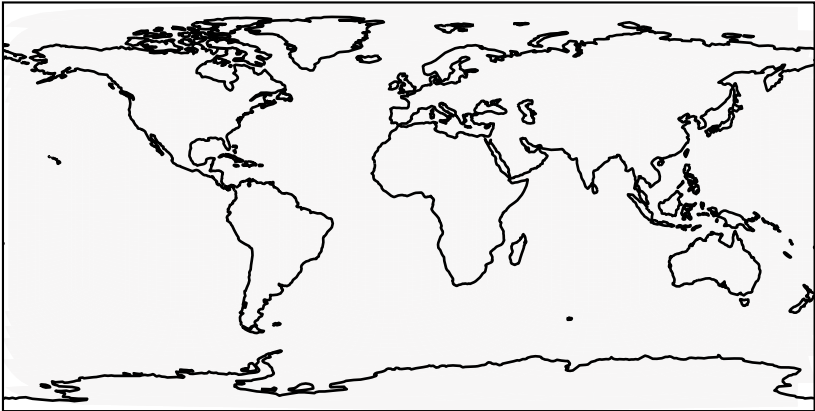
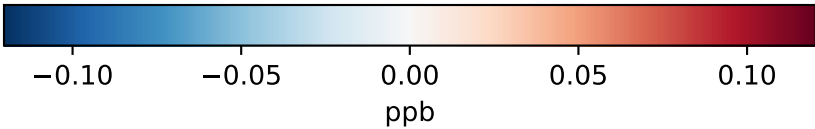
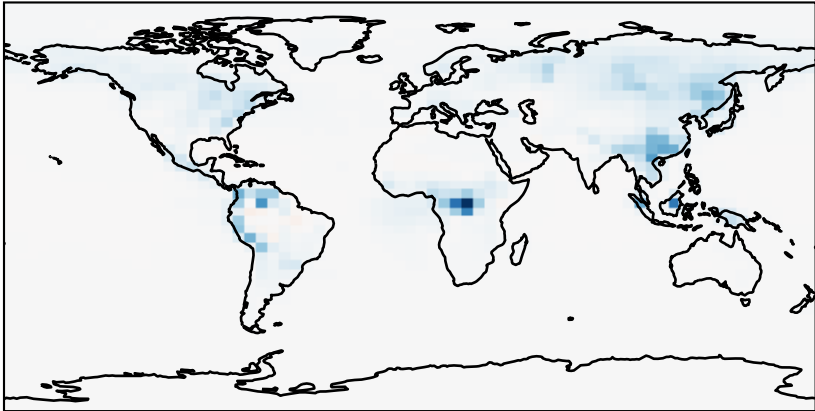


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

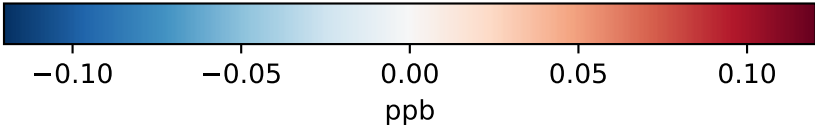
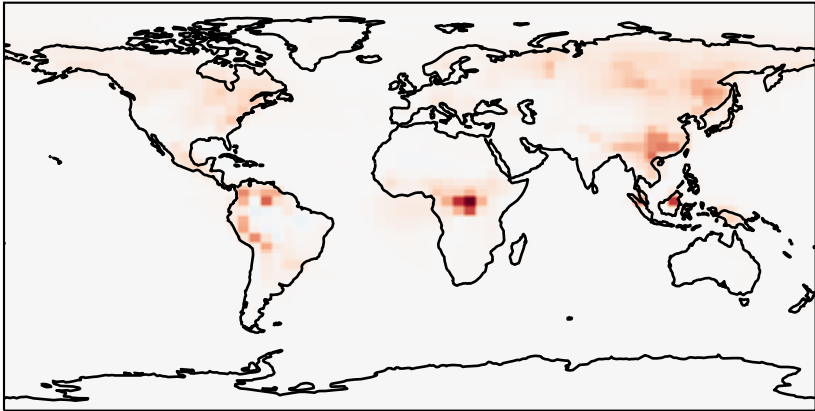


SpeciesConc_TSOG3

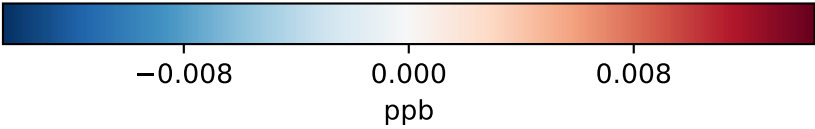
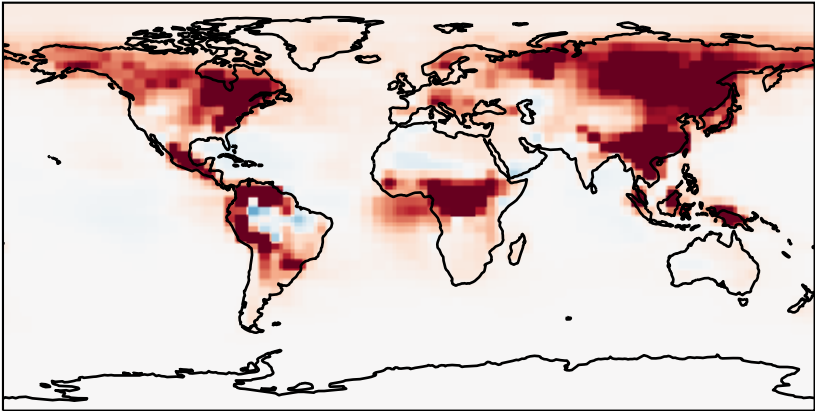
GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref) 4.0x5.0 GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev) c48



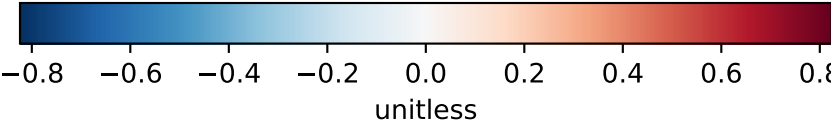
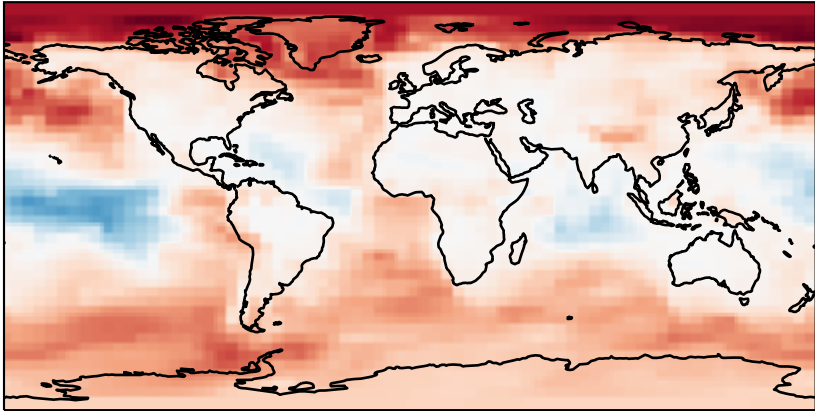
Difference (1x1.25)
Dev - Ref, Dynamic Range



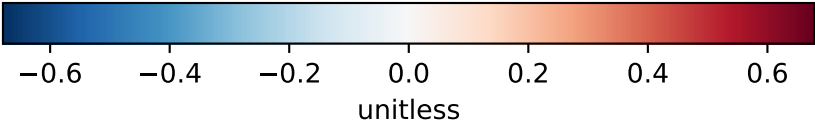
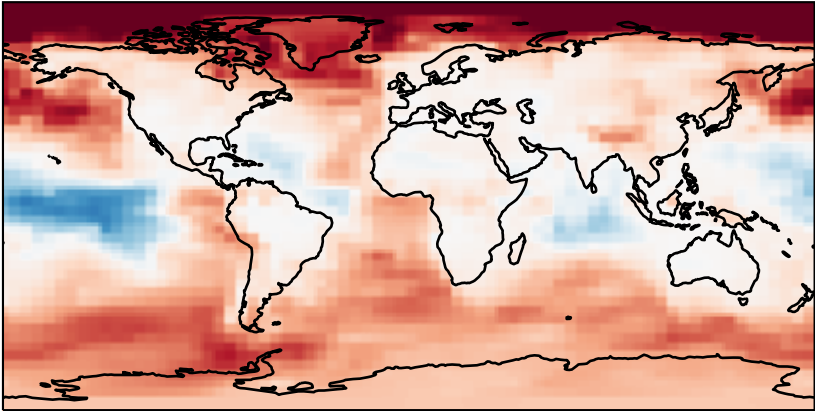
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

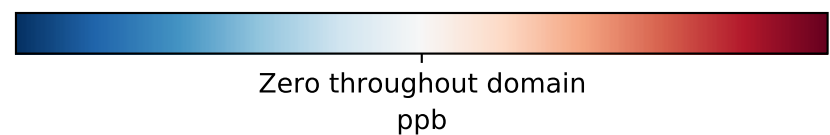
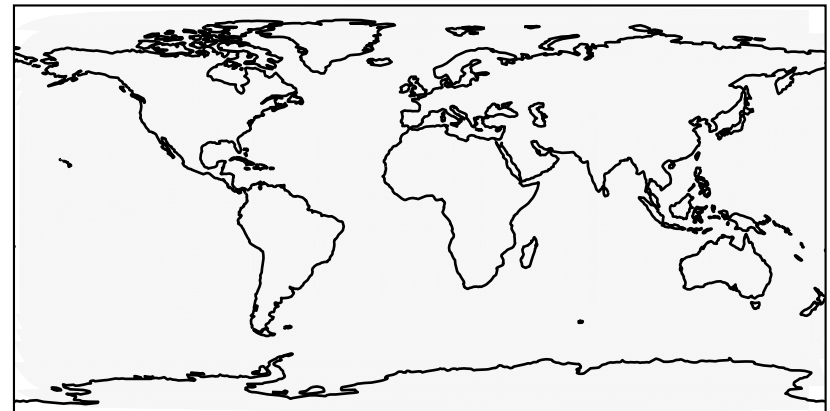
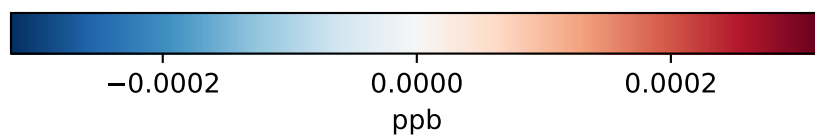
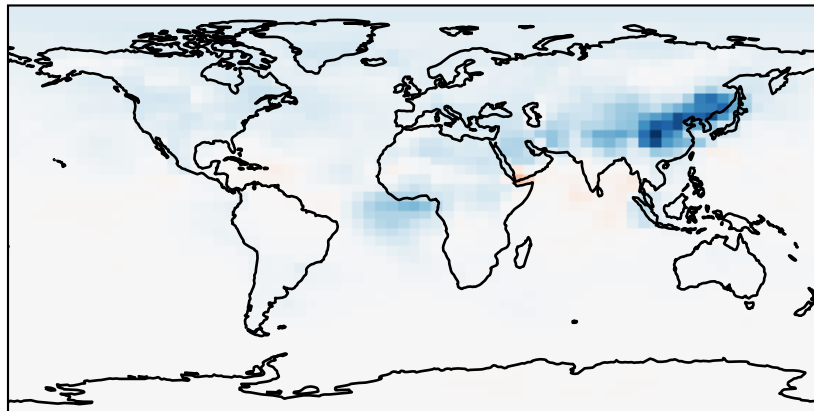


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

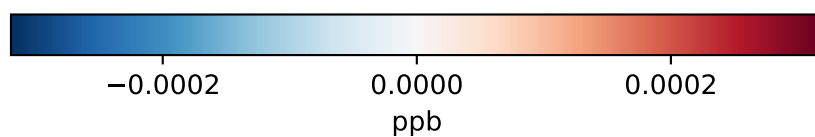
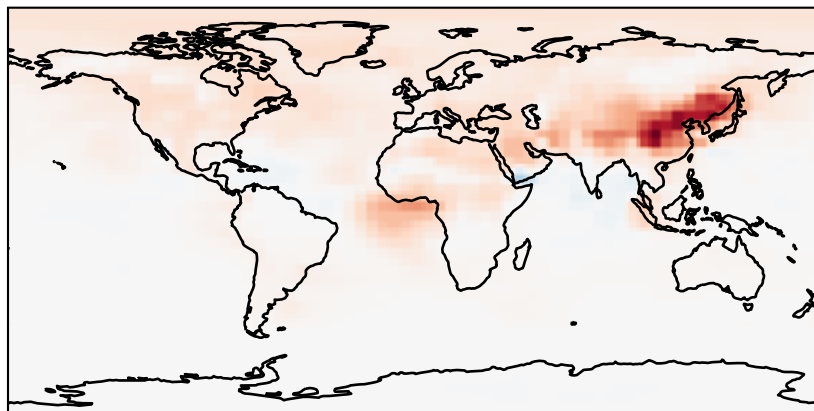


SpeciesConc_ASOG1

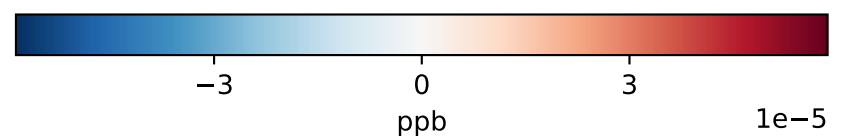
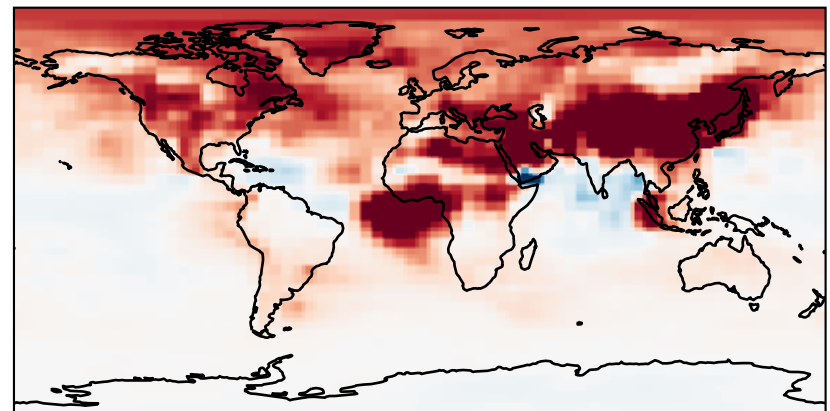
GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref) 4.0x5.0 GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev) c48



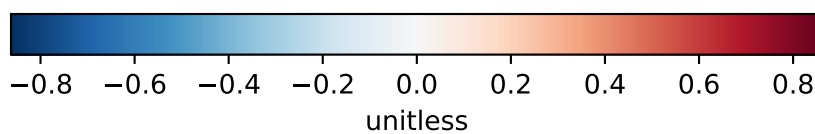
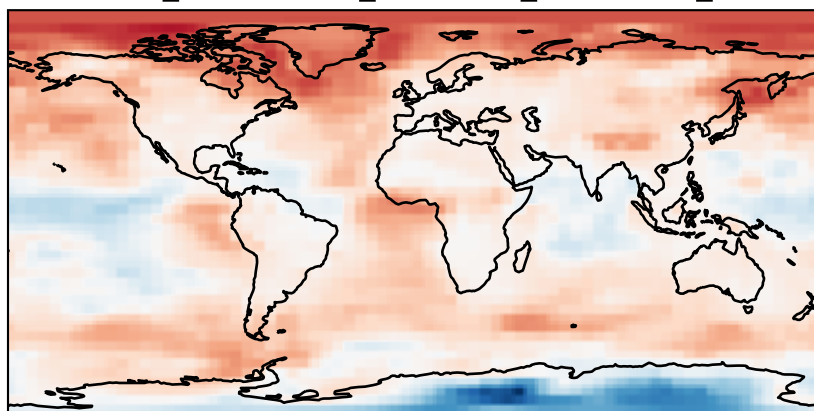
Difference (1x1.25)
Dev - Ref, Dynamic Range



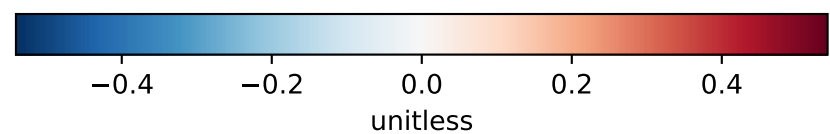
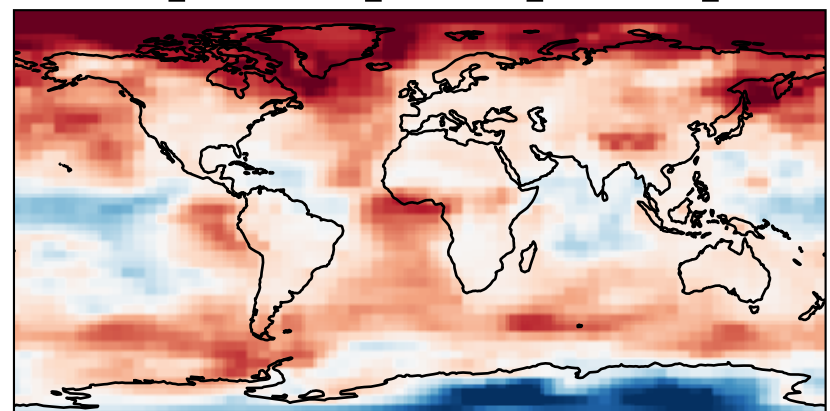
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

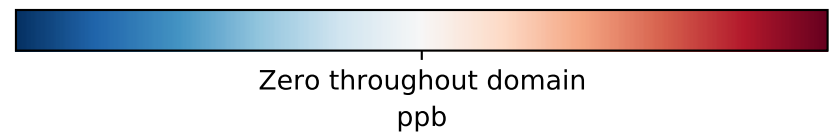
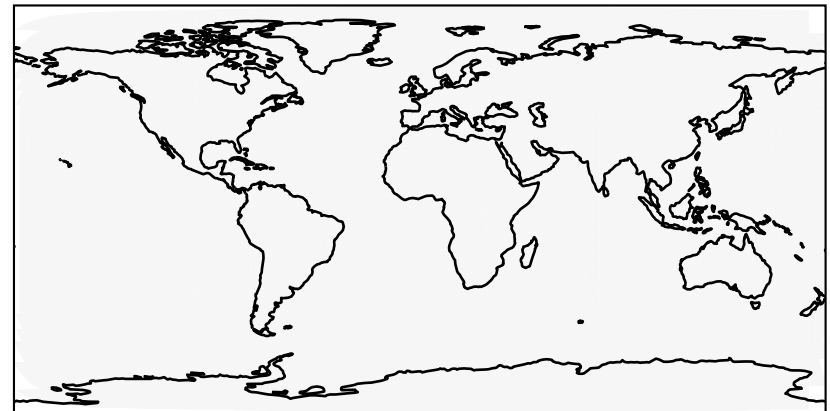
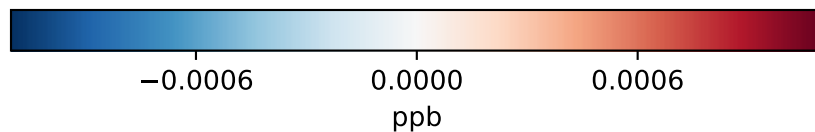
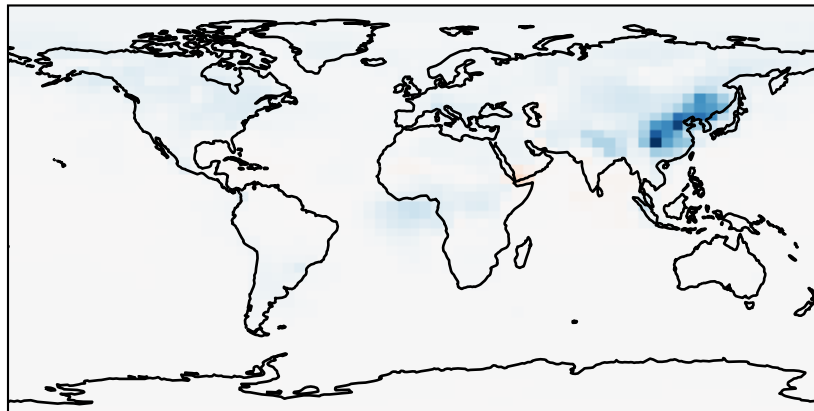


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

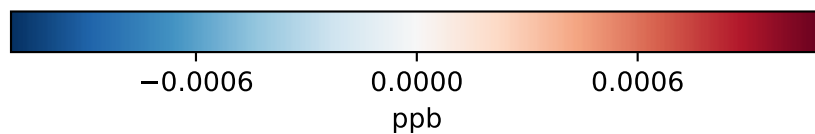
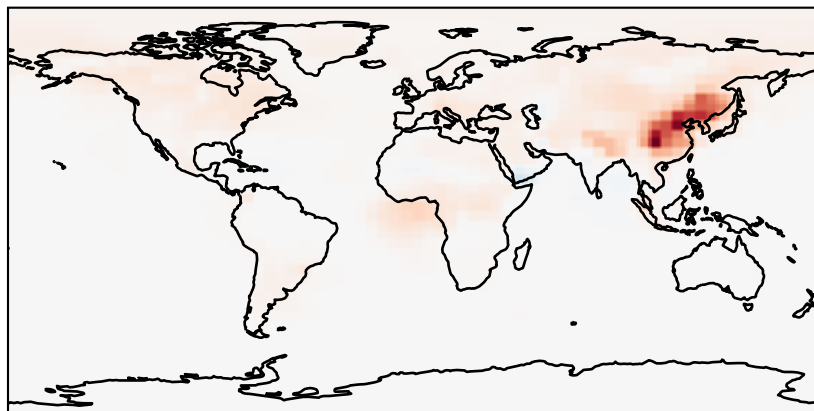


SpeciesConc_ASOG2

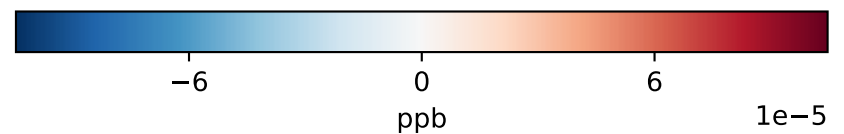
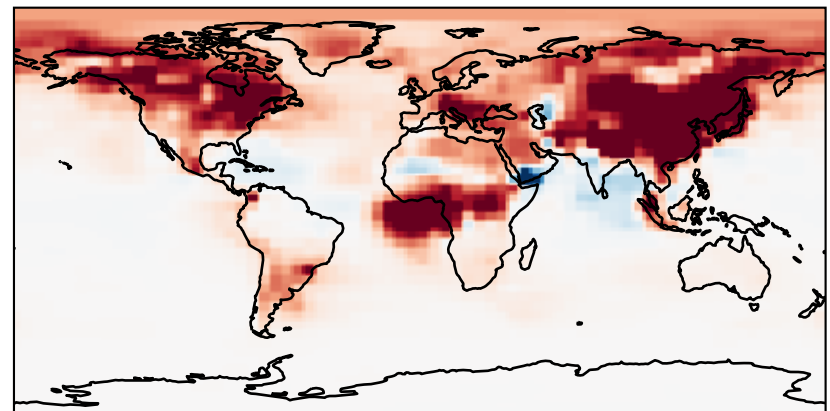
GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref) 4.0x5.0 GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev) c48



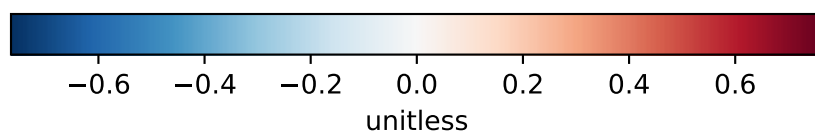
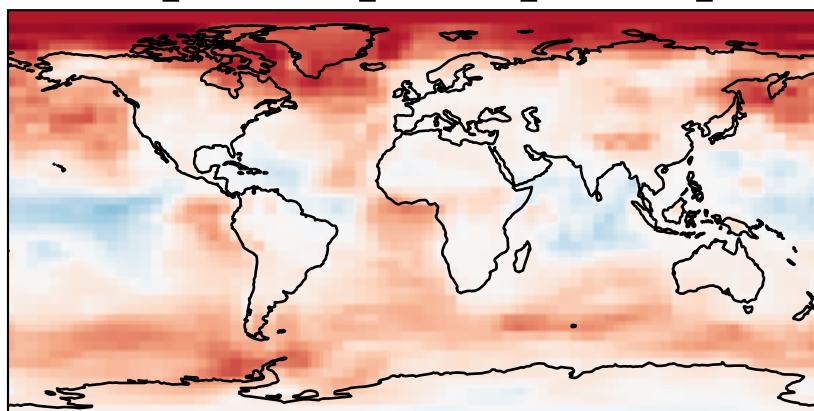
Difference (1x1.25)
Dev - Ref, Dynamic Range



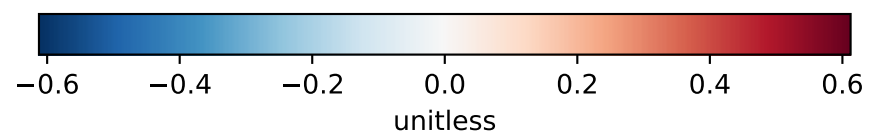
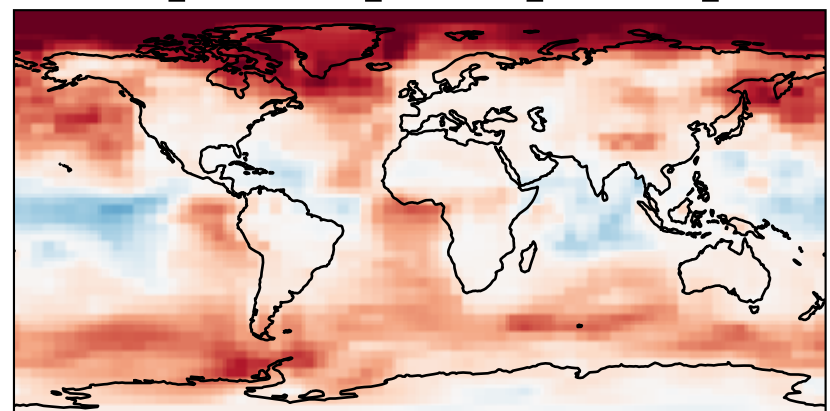
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

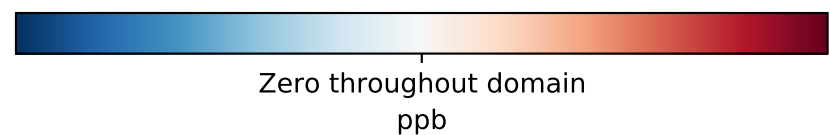
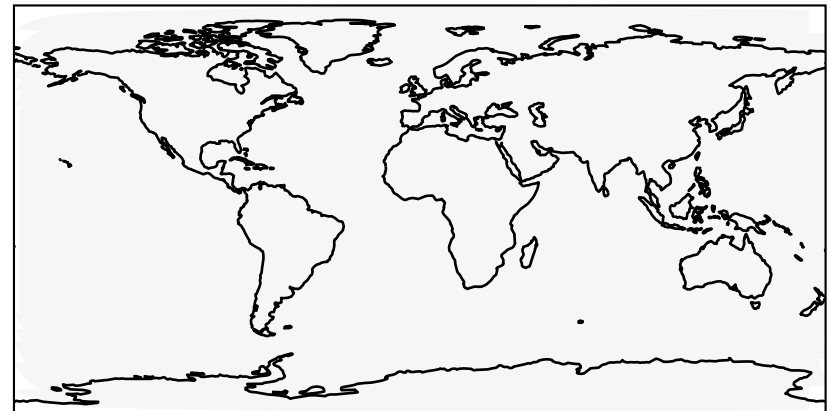
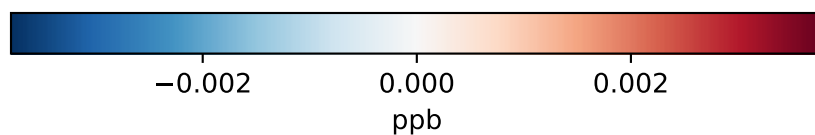
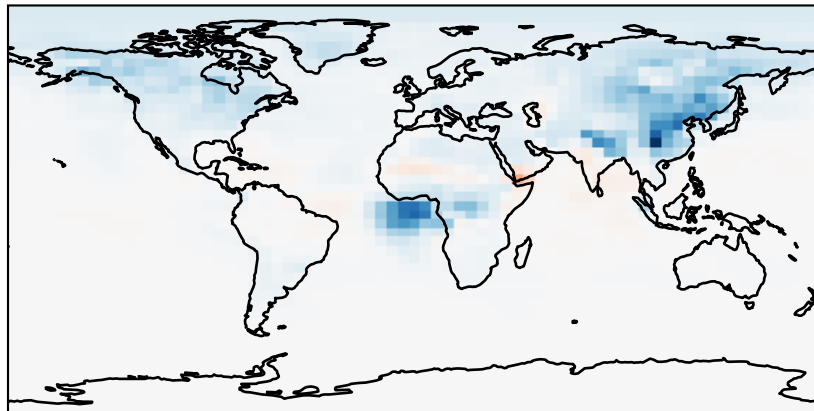


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

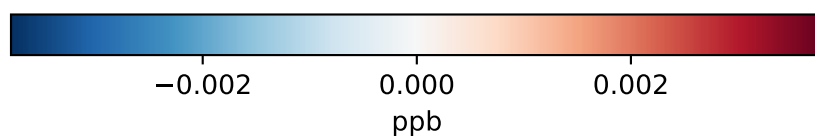
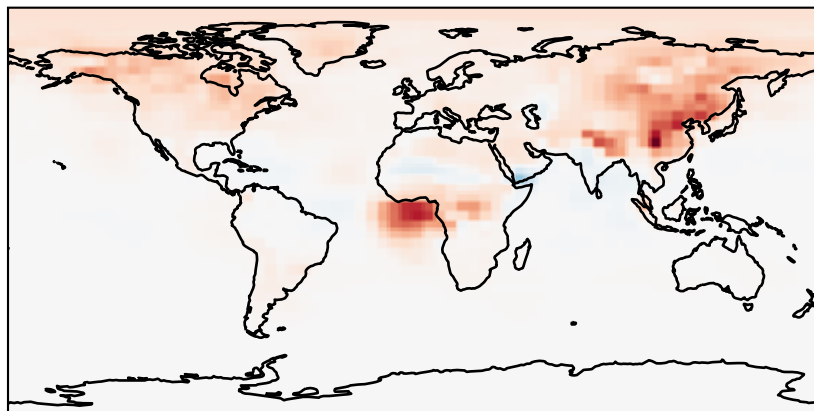


SpeciesConc_ASOG3

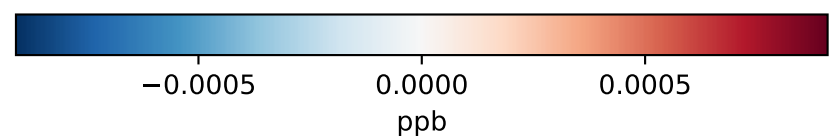
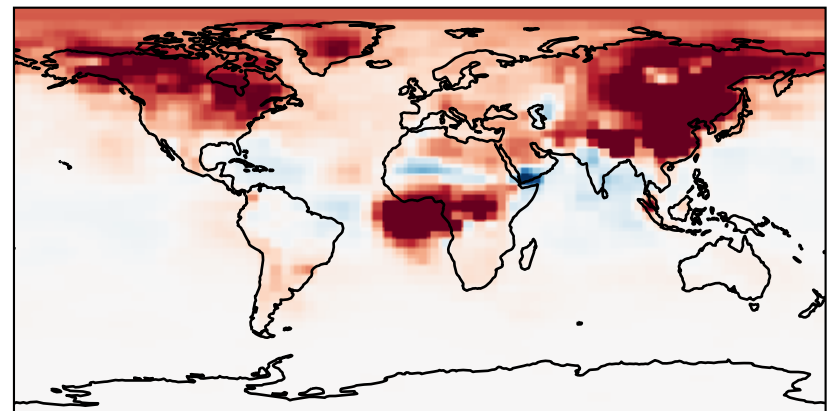
GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref) 4.0x5.0 GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev) c48



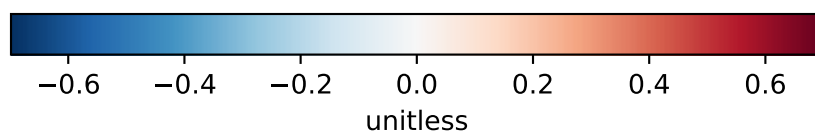
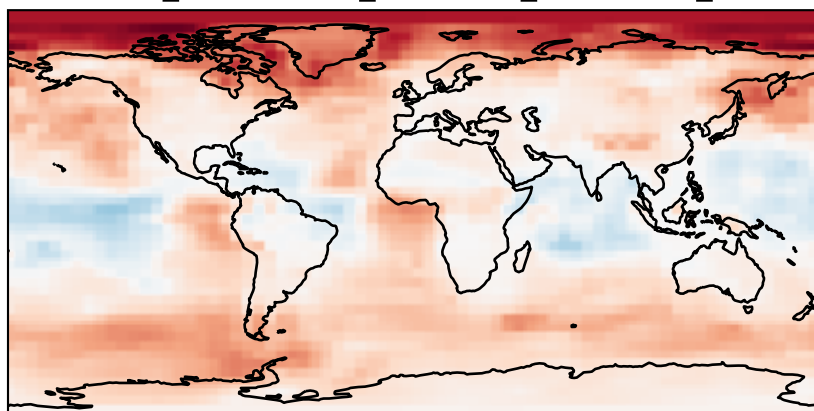
Difference (1x1.25)
Dev - Ref, Dynamic Range



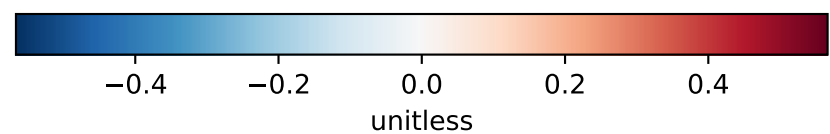
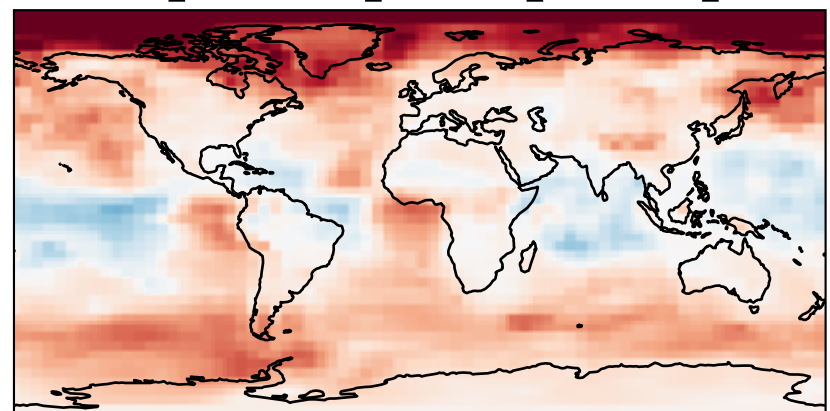
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



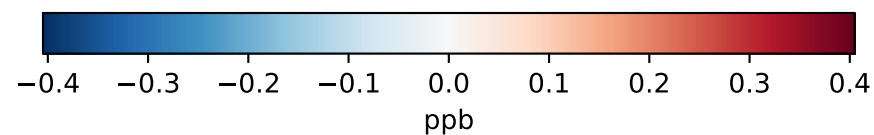
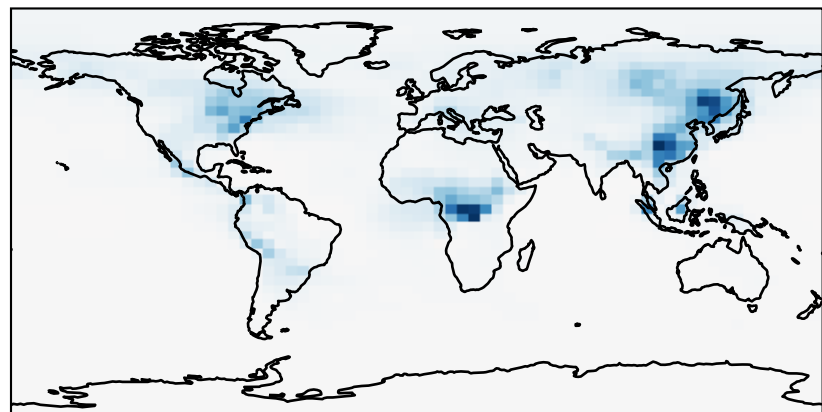
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



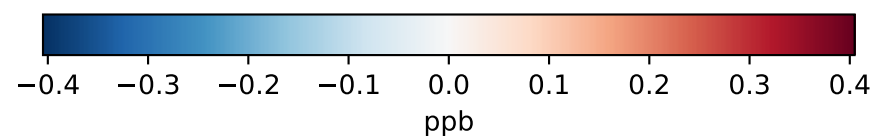
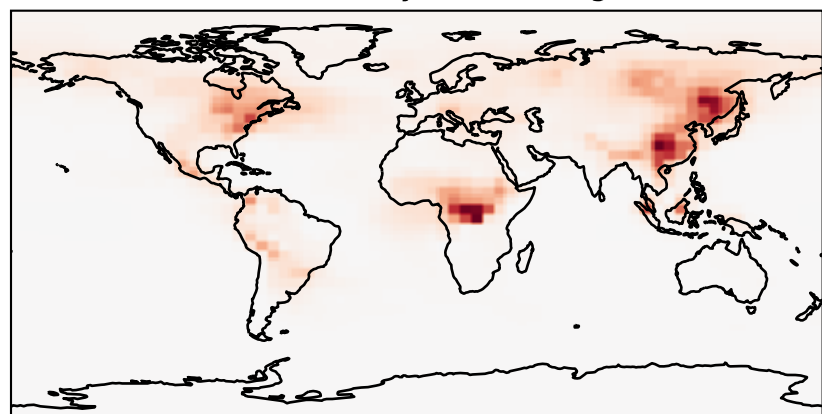
Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



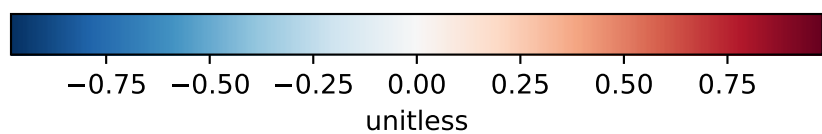
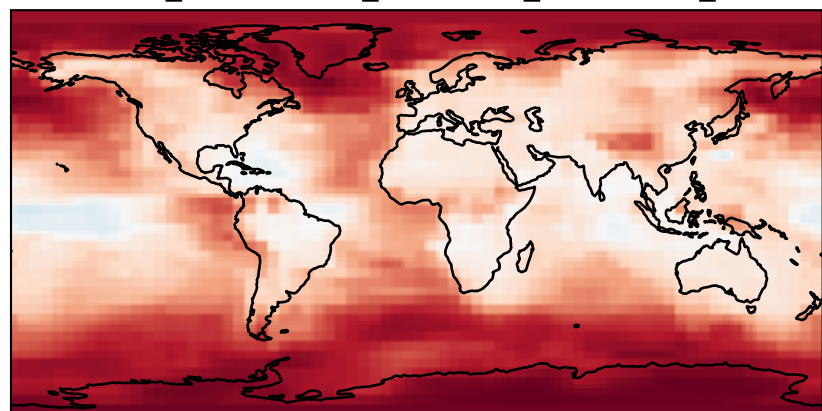
SpeciesConc_INDIOIOL

GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref)
4.0x5.0

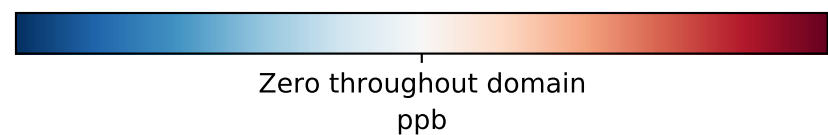
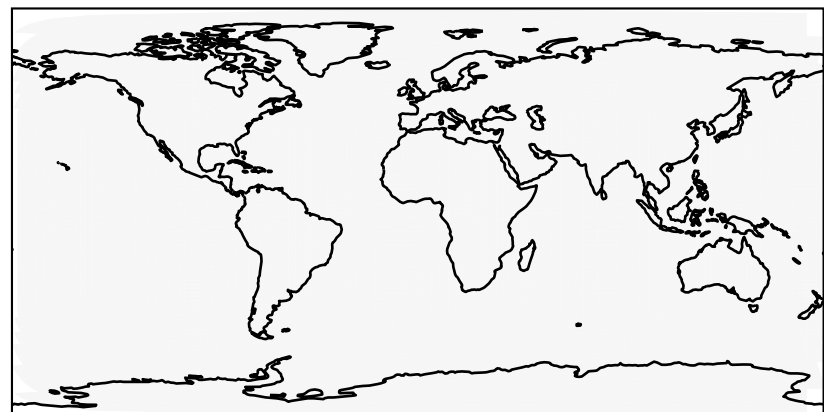
Difference (1x1.25)
Dev - Ref, Dynamic Range



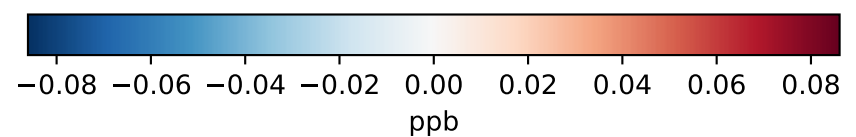
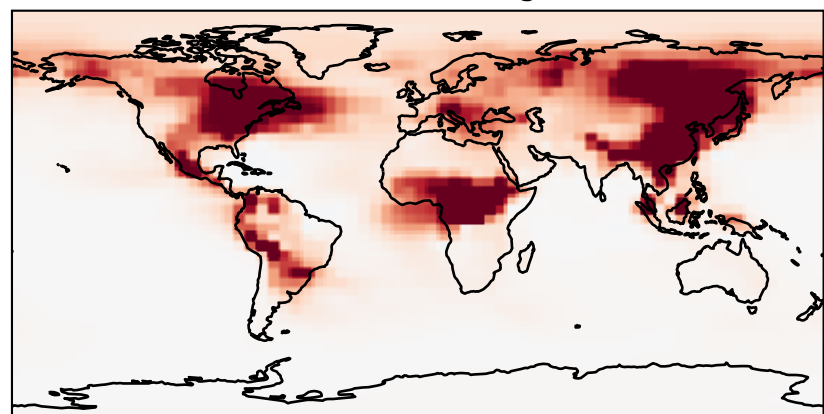
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



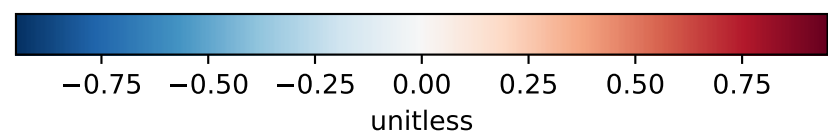
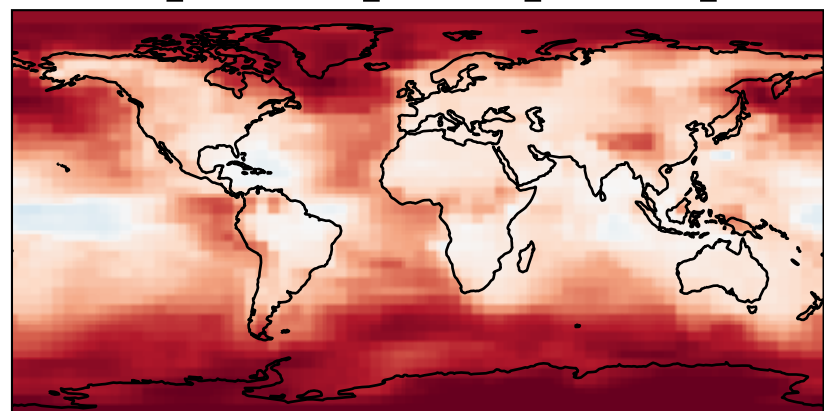
GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev)
c48



Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]

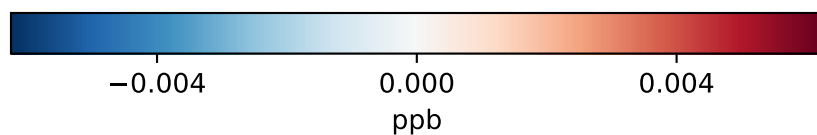
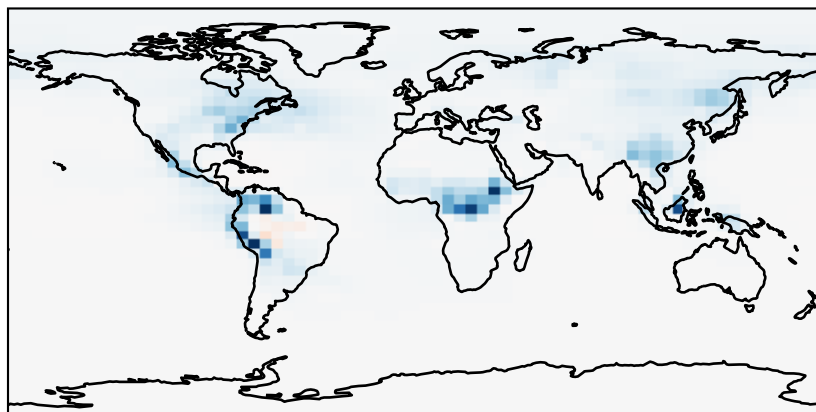


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

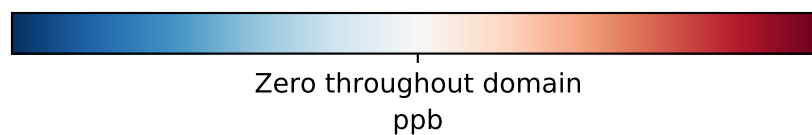
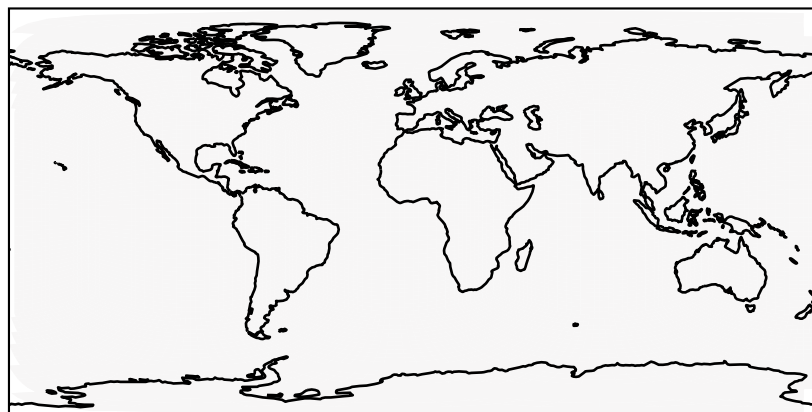


SpeciesConc_LVOCOA

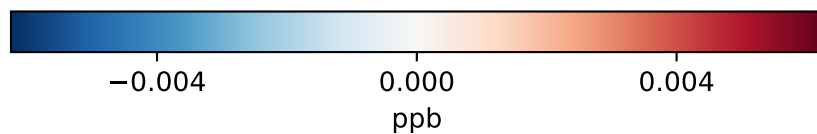
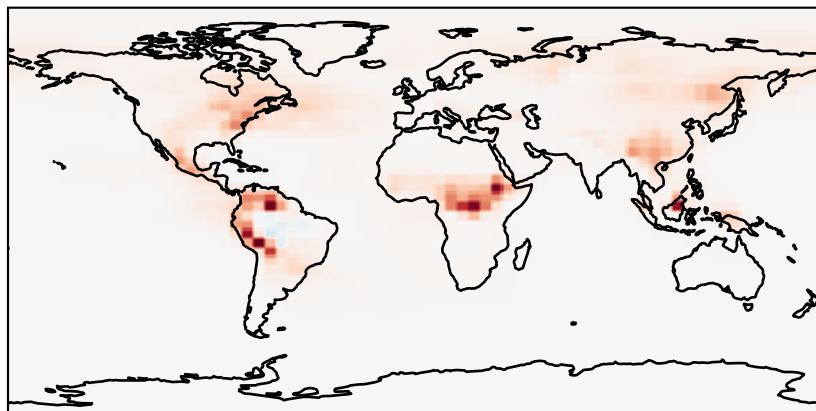
GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref)
4.0x5.0



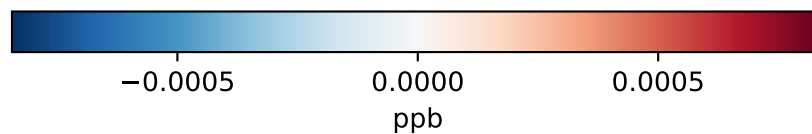
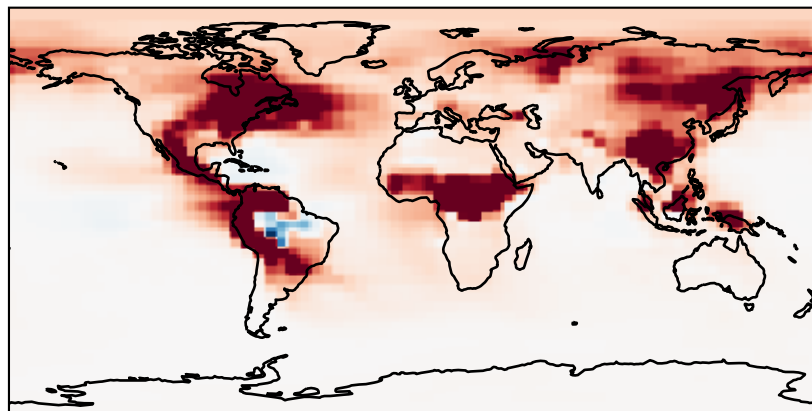
GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev)
c48



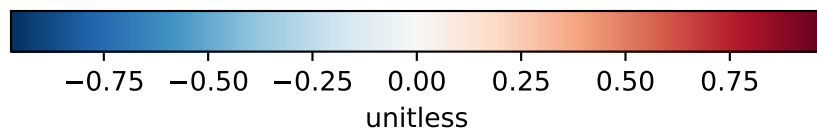
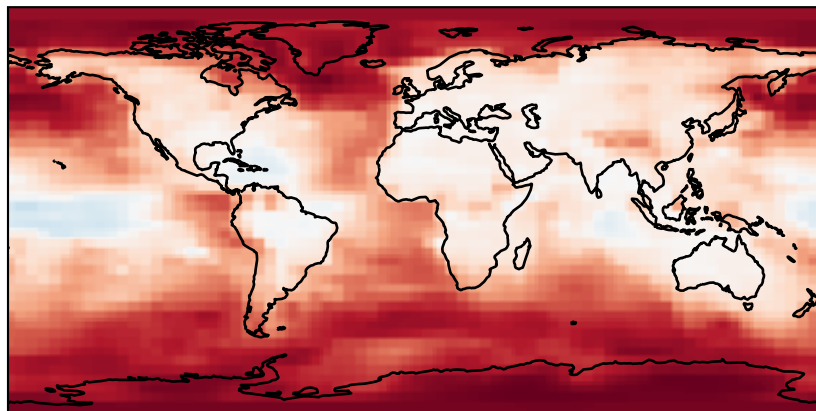
Difference (1x1.25)
Dev - Ref, Dynamic Range



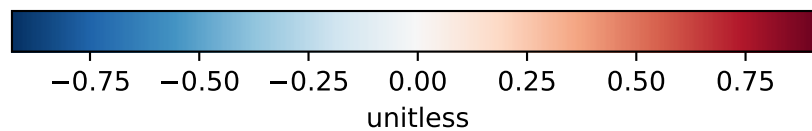
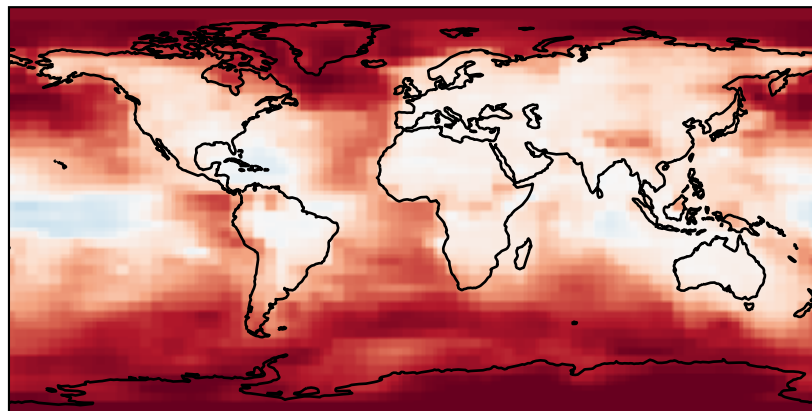
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

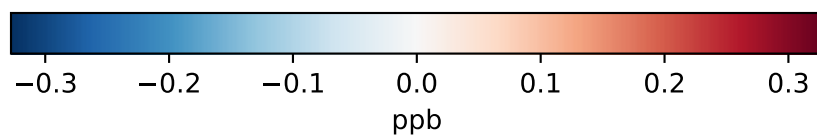
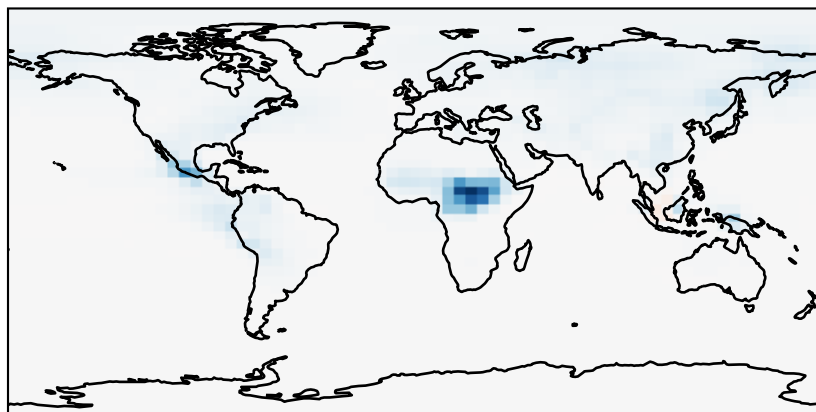


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

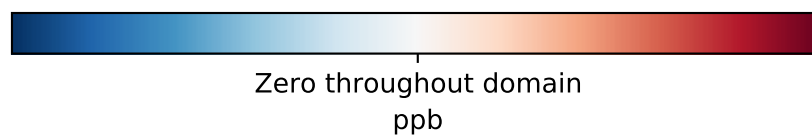
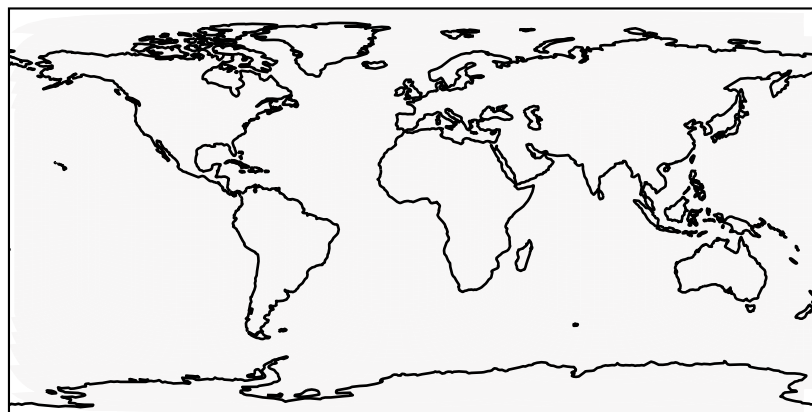


SpeciesConc_SOAIE

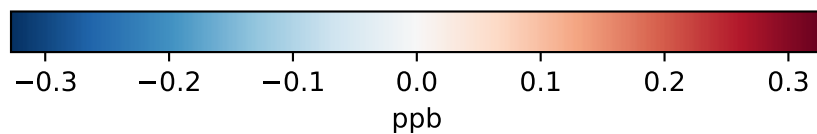
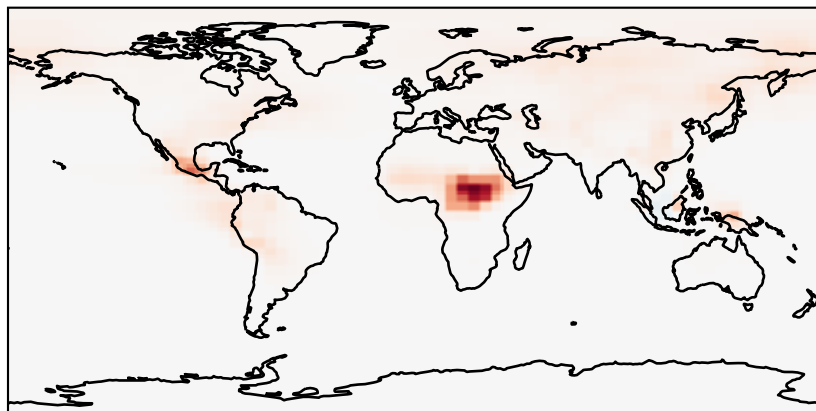
GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref)
4.0x5.0



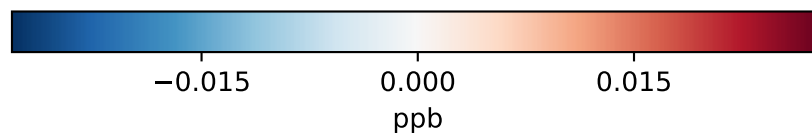
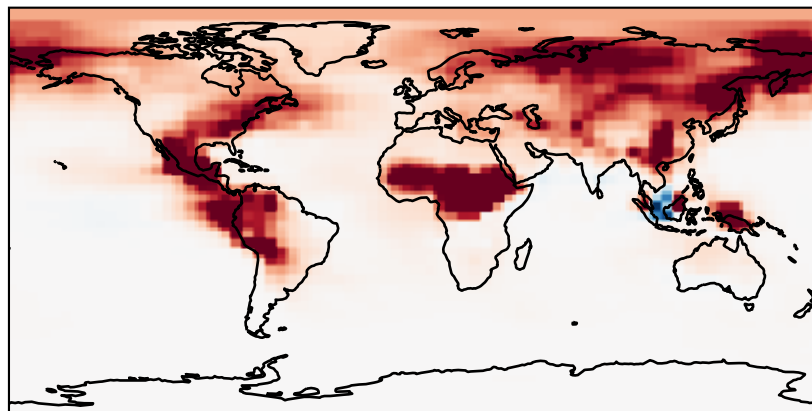
GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev)
c48



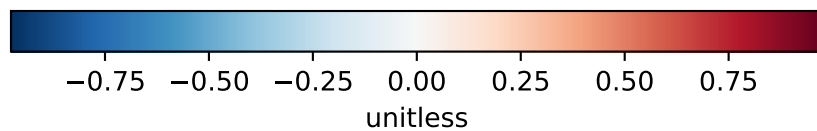
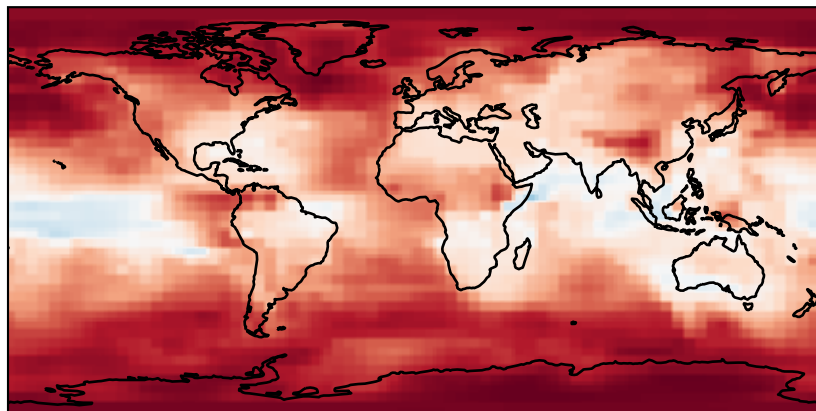
Difference (1x1.25)
Dev - Ref, Dynamic Range



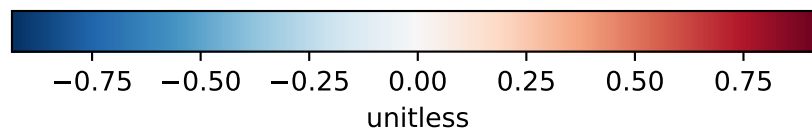
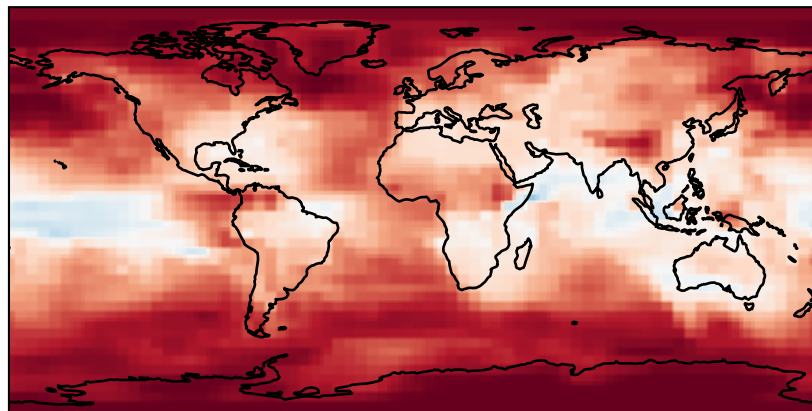
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

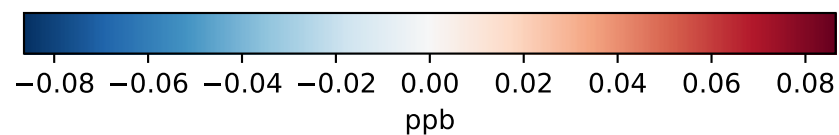
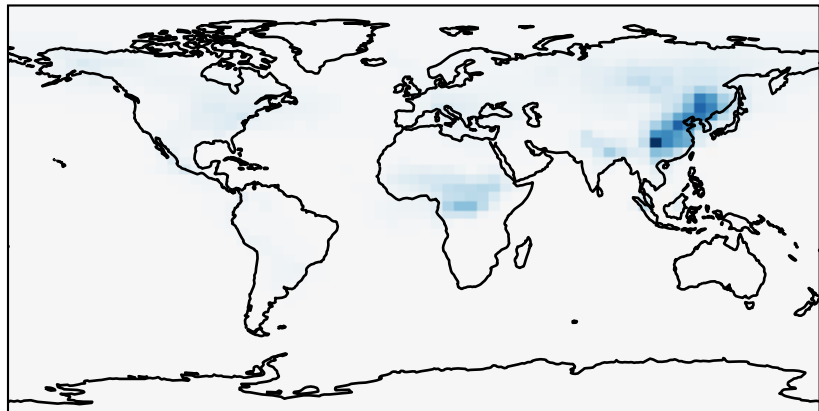


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

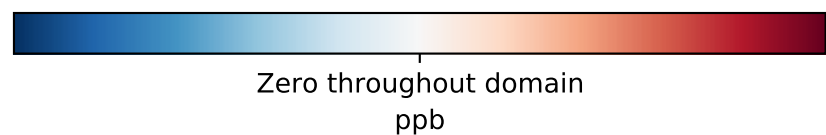
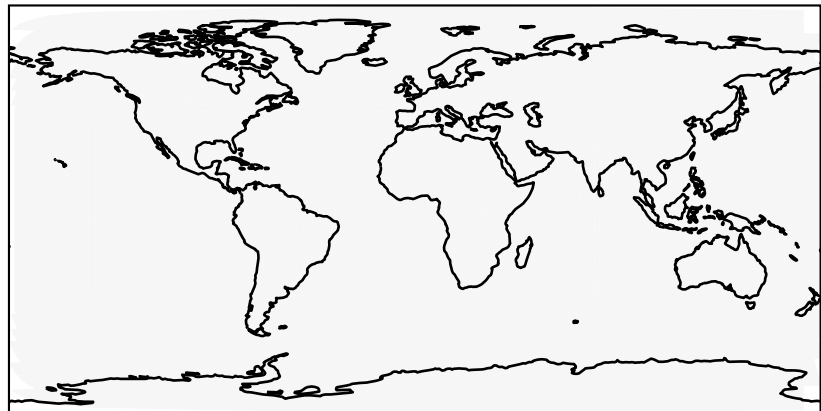


SpeciesConc_SOAGX

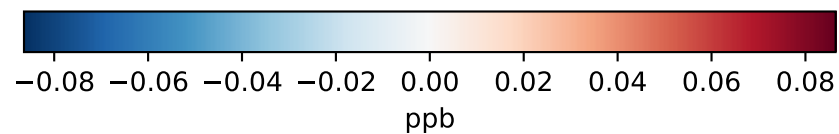
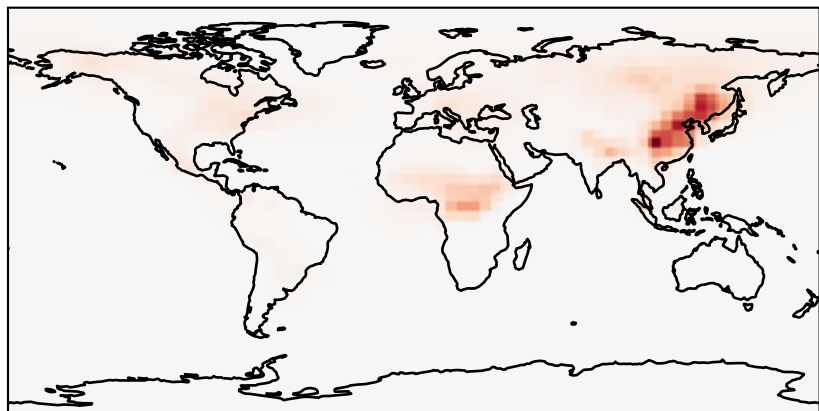
GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref)
4.0x5.0



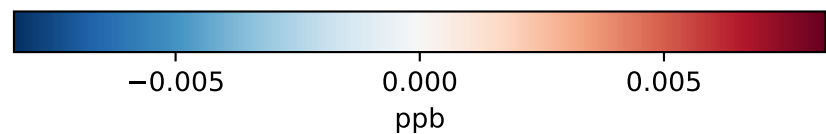
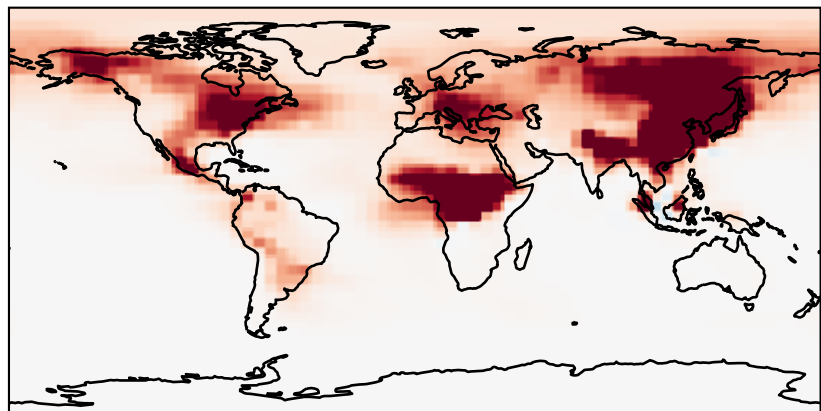
GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev)
c48



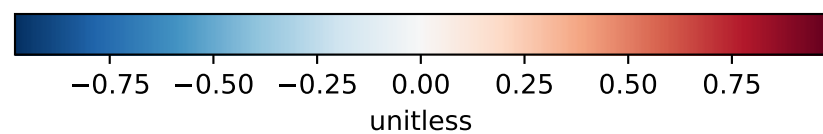
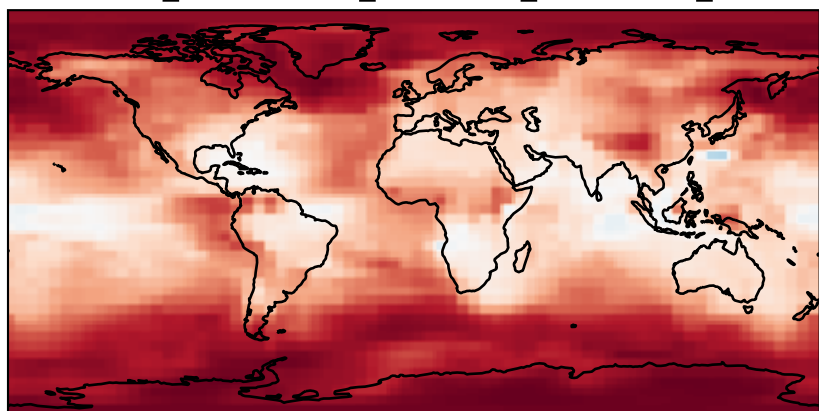
Difference (1x1.25)
Dev - Ref, Dynamic Range



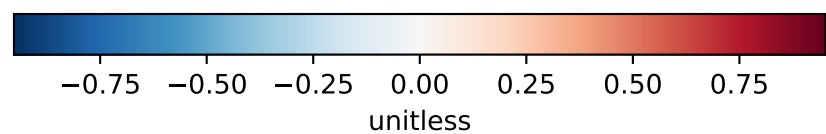
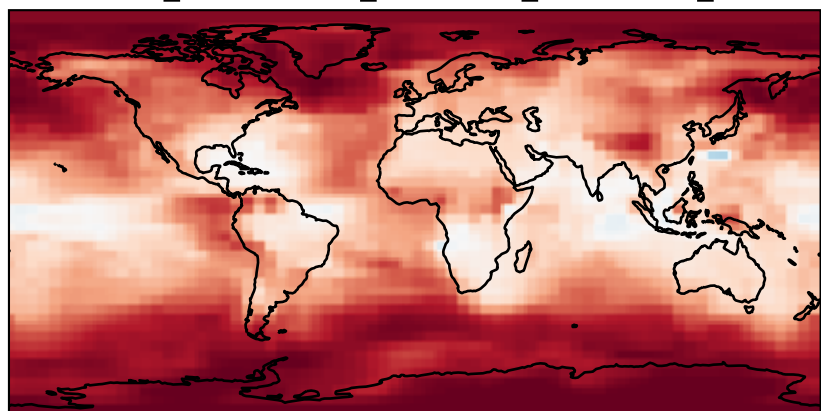
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

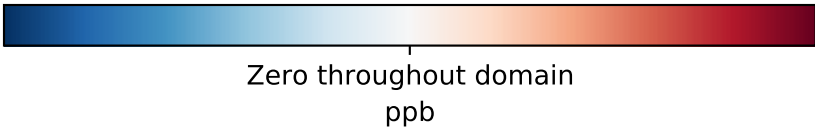
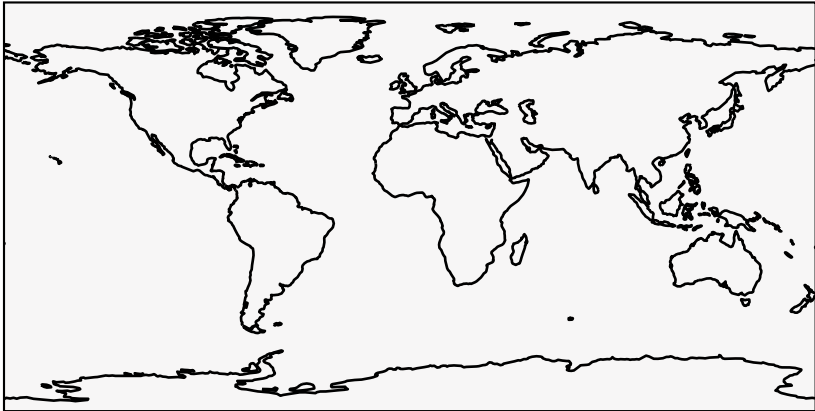


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

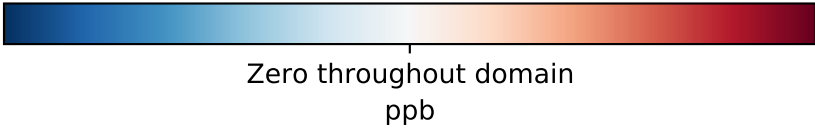
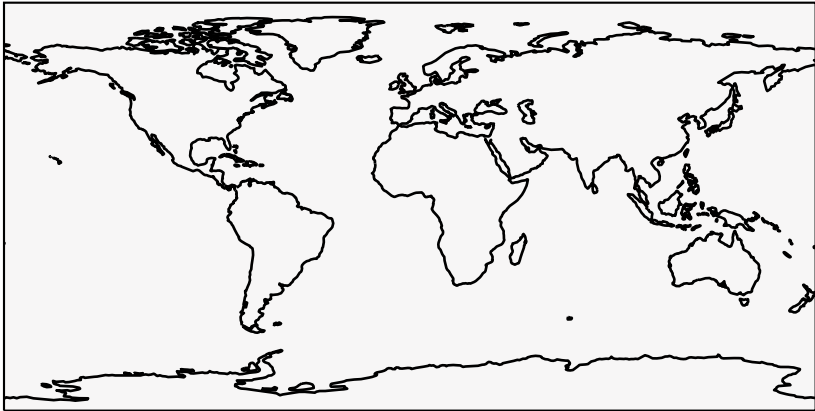


SpeciesConc_SOAP

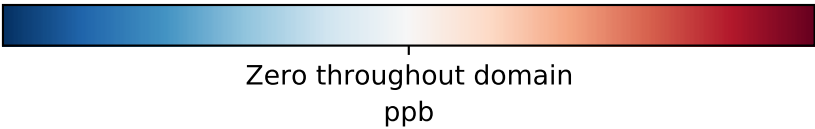
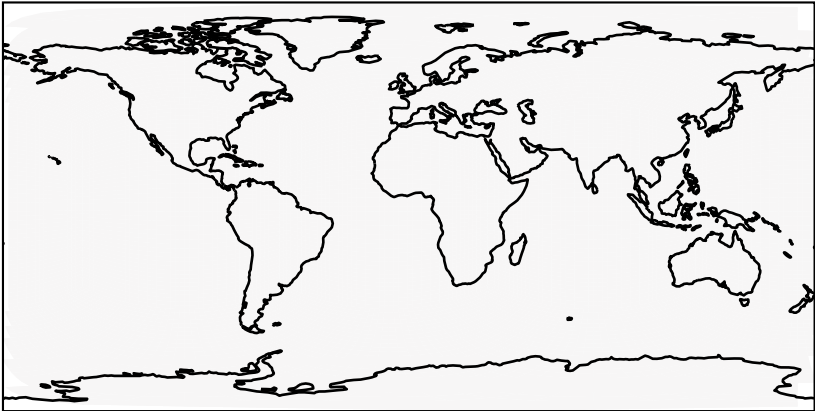
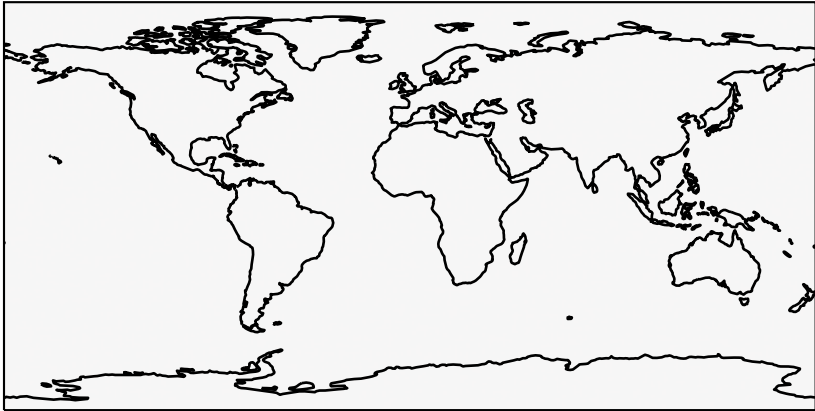
GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref) 4.0x5.0 GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev) c48



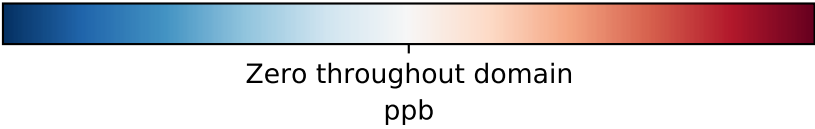
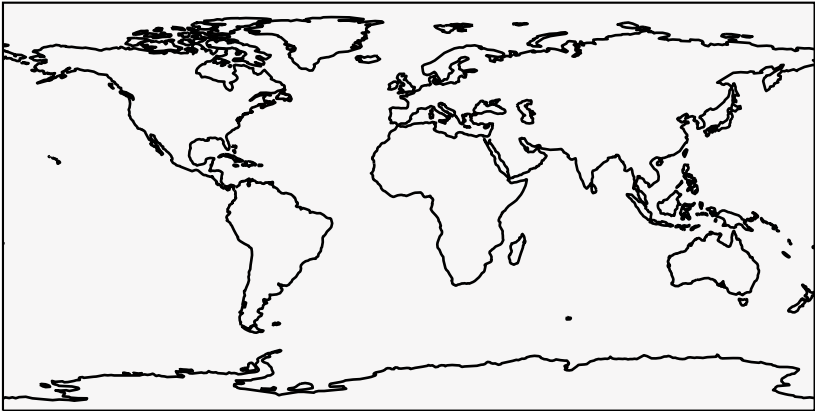
Difference (1x1.25)
Dev - Ref, Dynamic Range



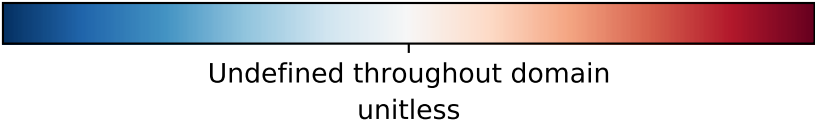
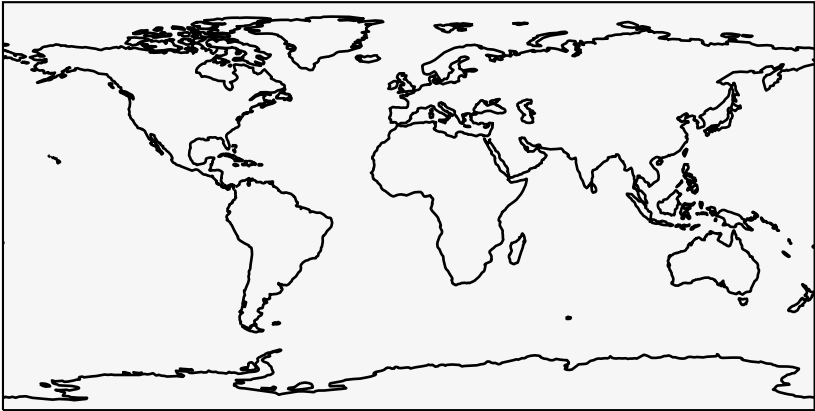
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]

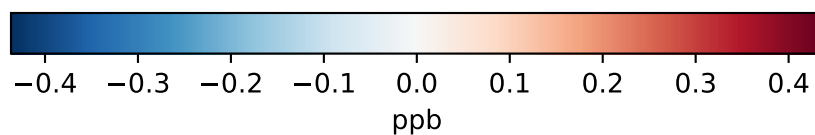
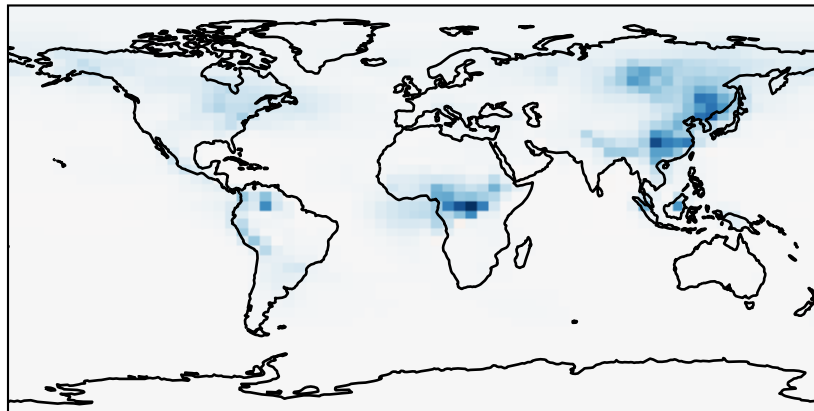


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

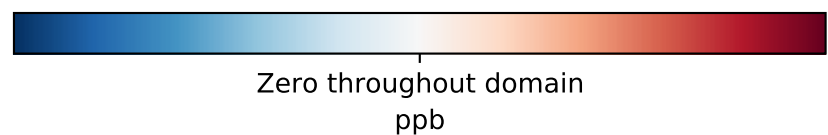
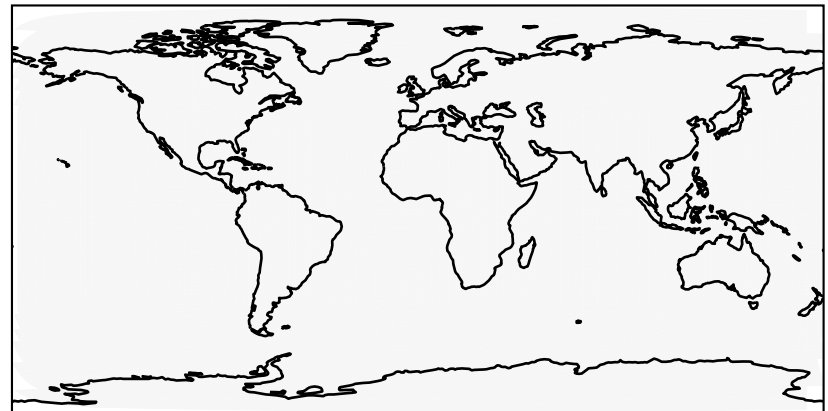


SpeciesConc_SOAS

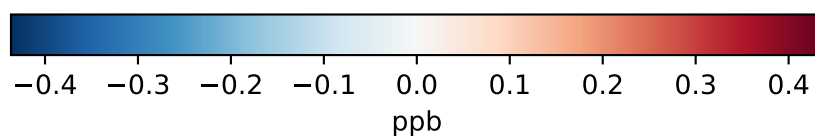
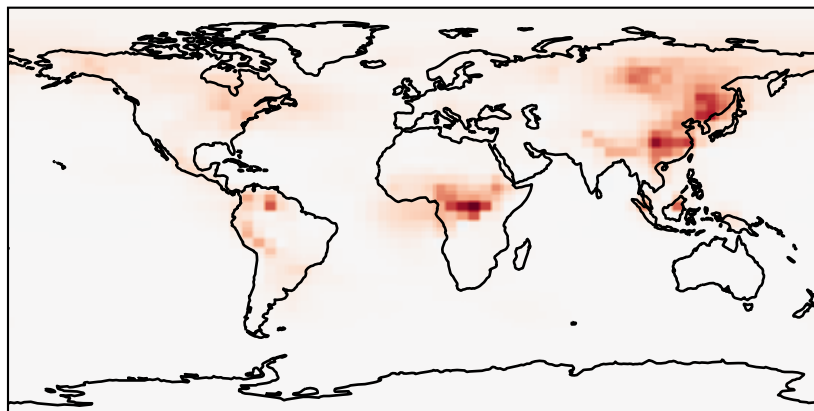
GCC_13.2.0-beta.0-LuoWetdep - GCC_13.2.0-beta.0 (Ref)
4.0x5.0



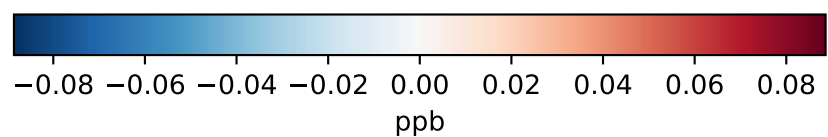
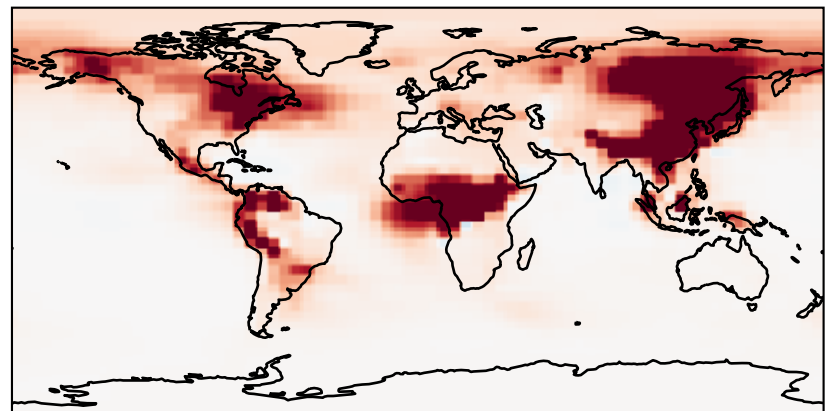
GCHP_13.2.0-beta.0-LuoWetdep - GCHP_13.2.0-beta.0 (Dev)
c48



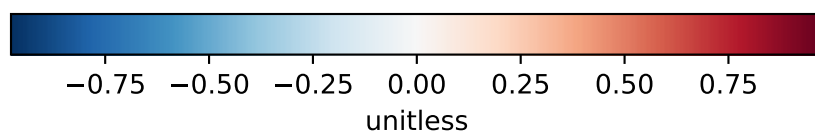
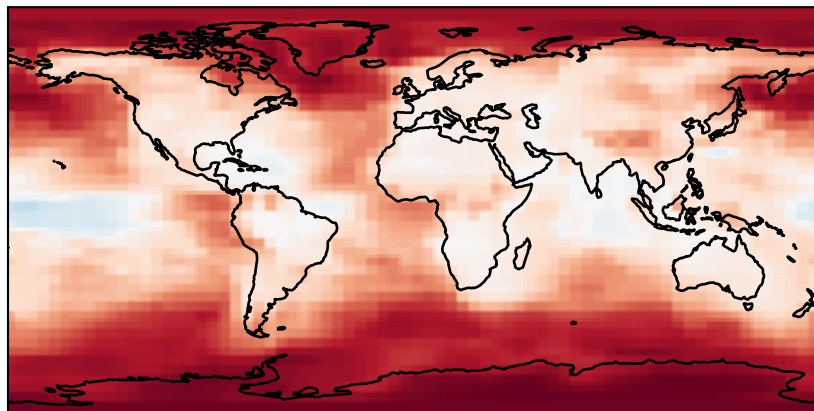
Difference (1x1.25)
Dev - Ref, Dynamic Range



Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$



Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

