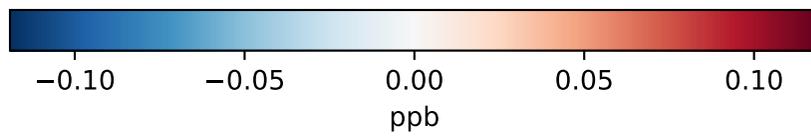
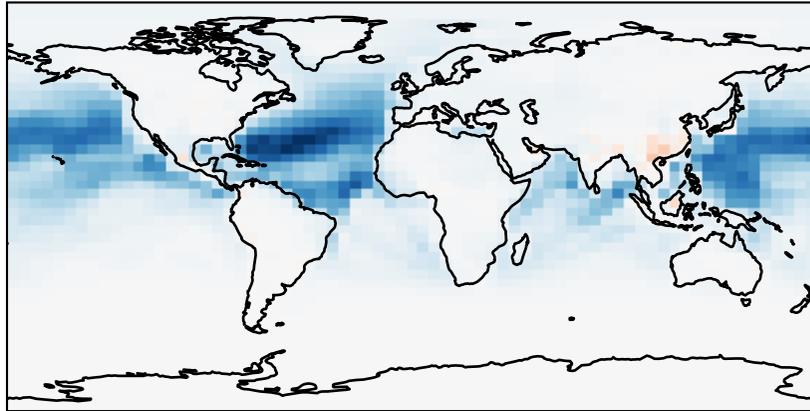
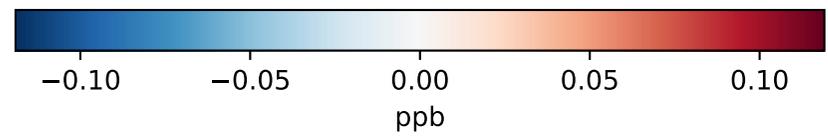
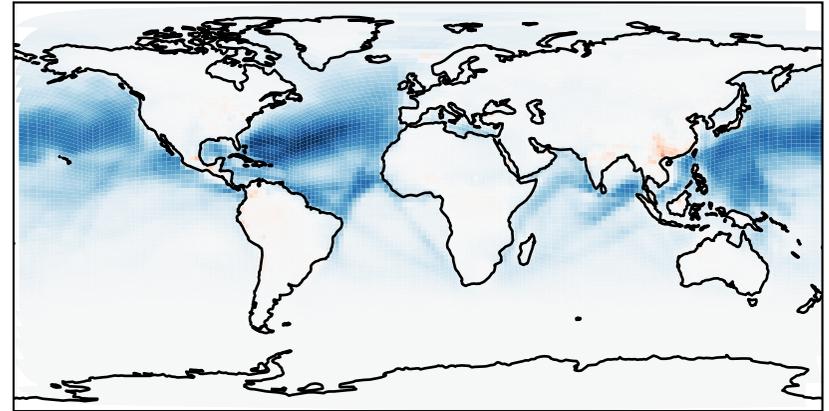


# SpeciesConc\_H2O2

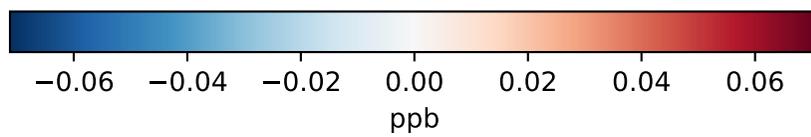
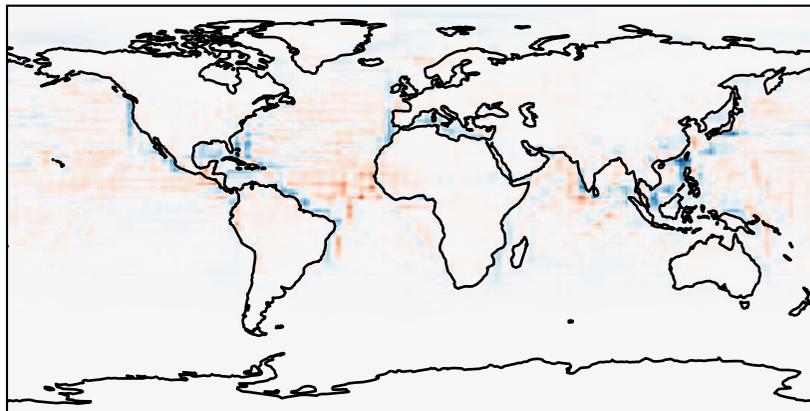
GCC\_13.1.0-beta.0 - GCC\_13.0.0-rc.2 (Ref)  
4.0x5.0



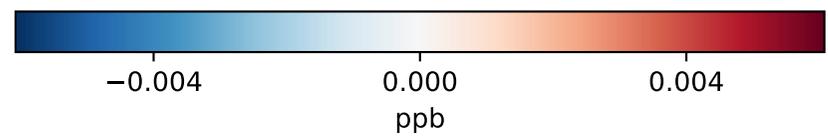
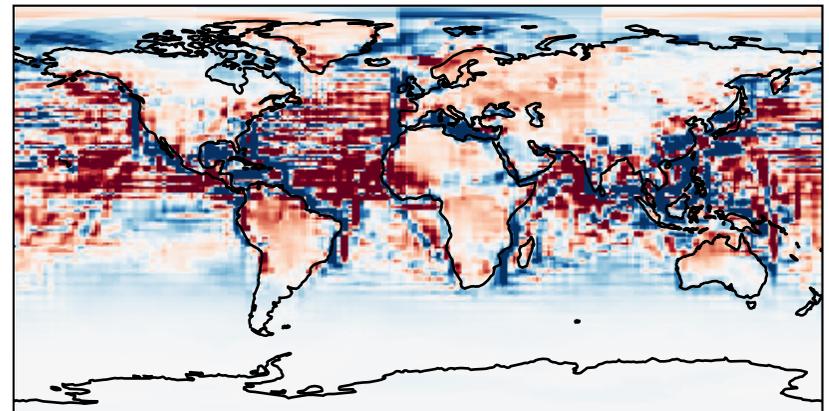
GCHP\_13.1.0-beta.0 - GCHP\_13.0.0-rc.2 (Dev)  
c48



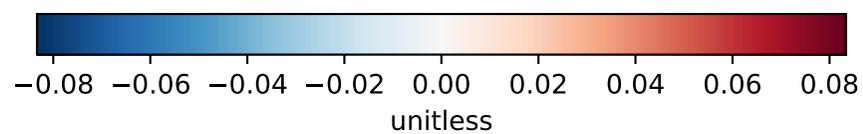
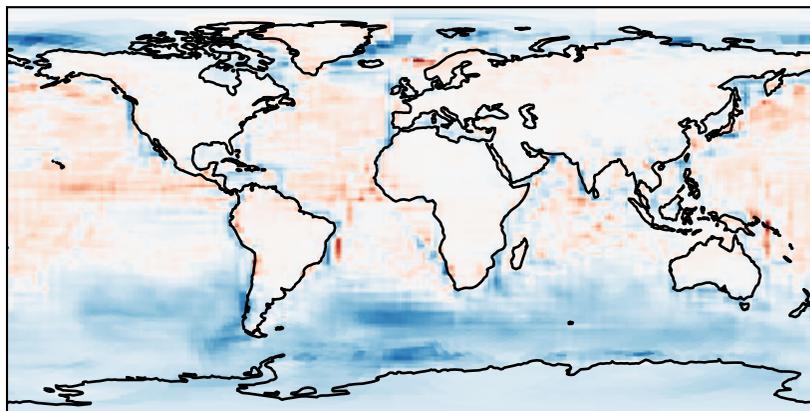
Difference (1x1.25)  
Dev - Ref, Dynamic Range



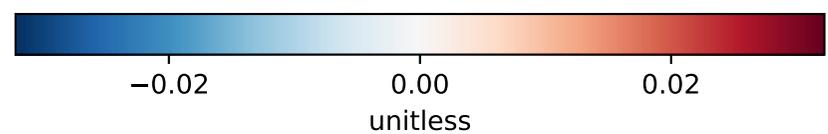
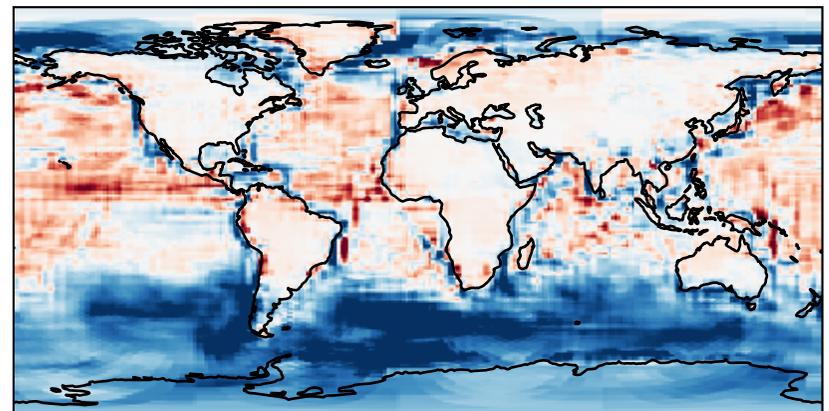
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

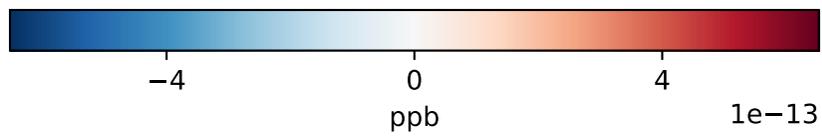
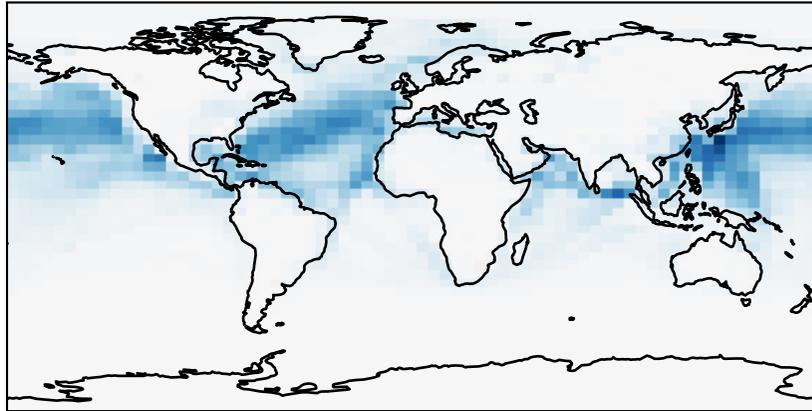


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

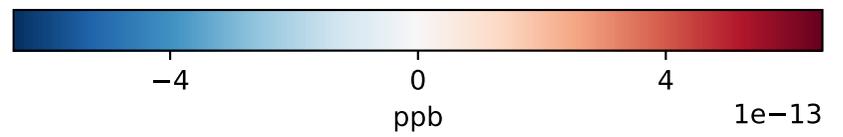
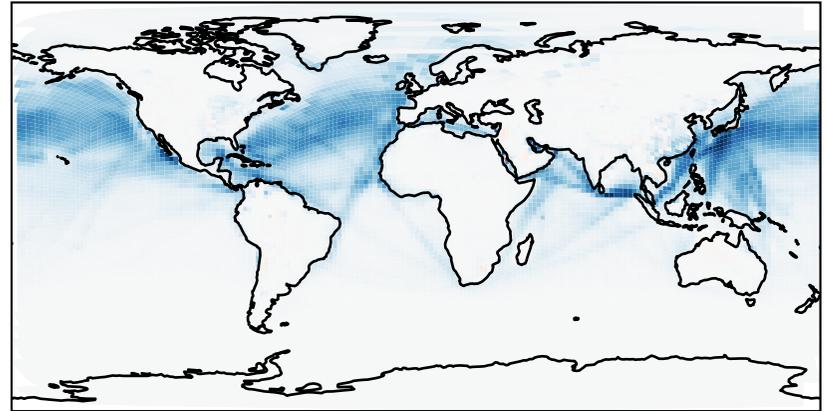


# SpeciesConc\_H

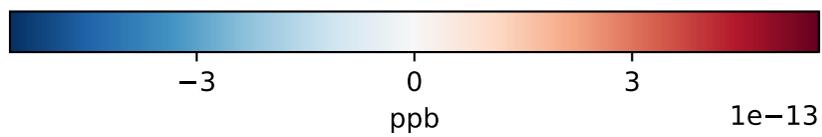
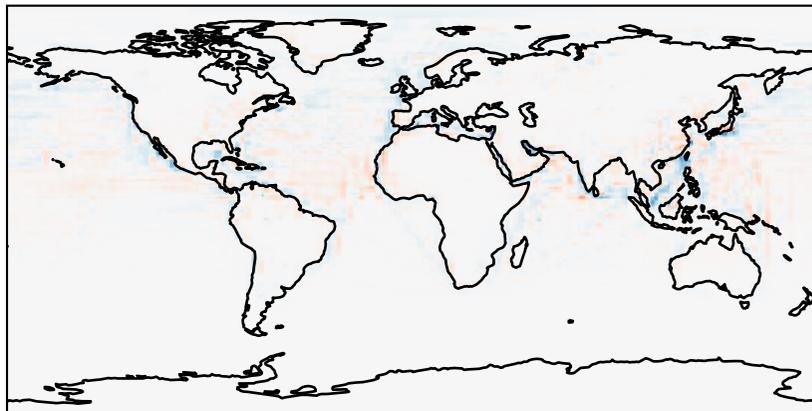
GCC\_13.1.0-beta.0 - GCC\_13.0.0-rc.2 (Ref)  
4.0x5.0



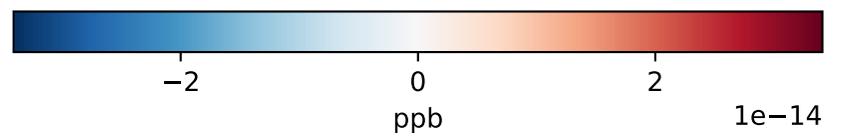
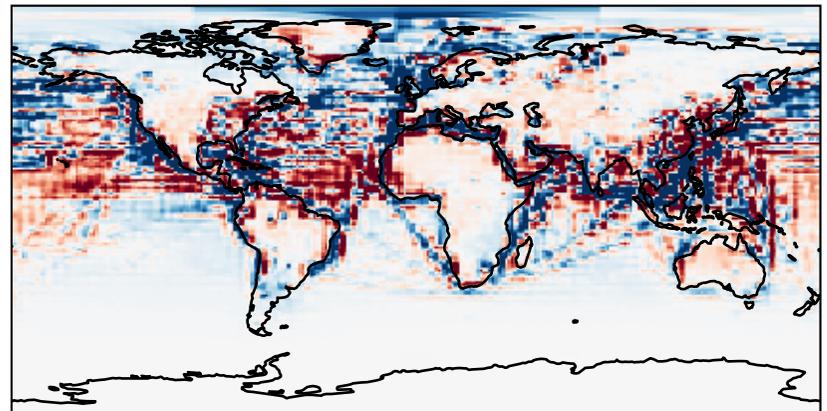
GCHP\_13.1.0-beta.0 - GCHP\_13.0.0-rc.2 (Dev)  
c48



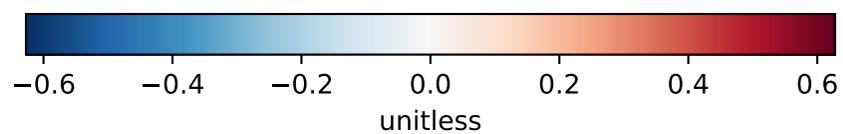
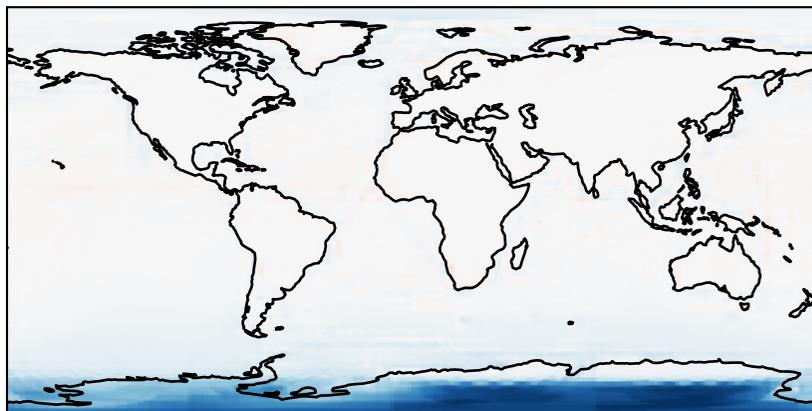
Difference (1x1.25)  
Dev - Ref, Dynamic Range



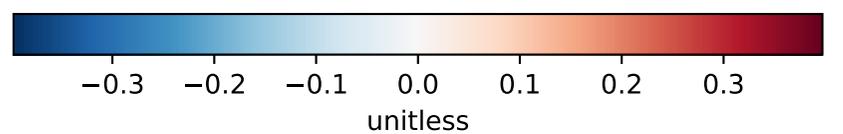
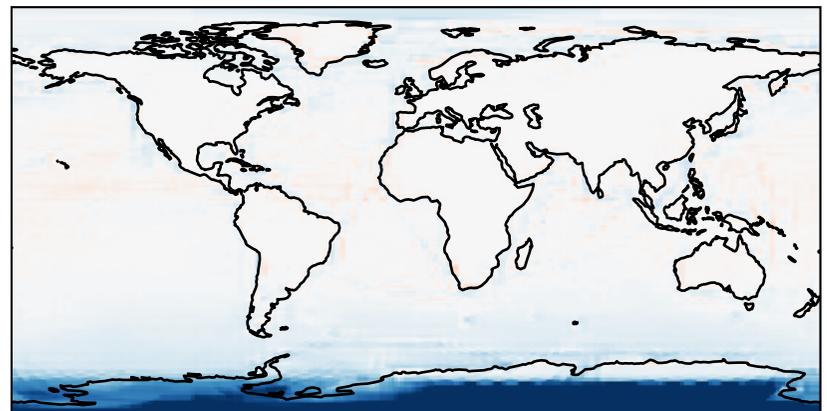
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

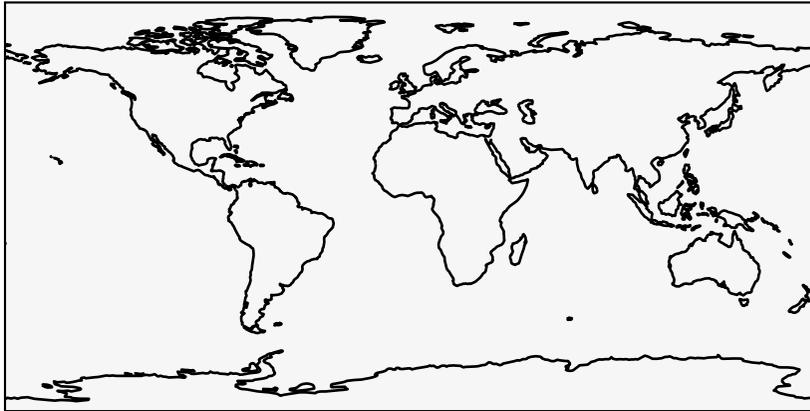


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



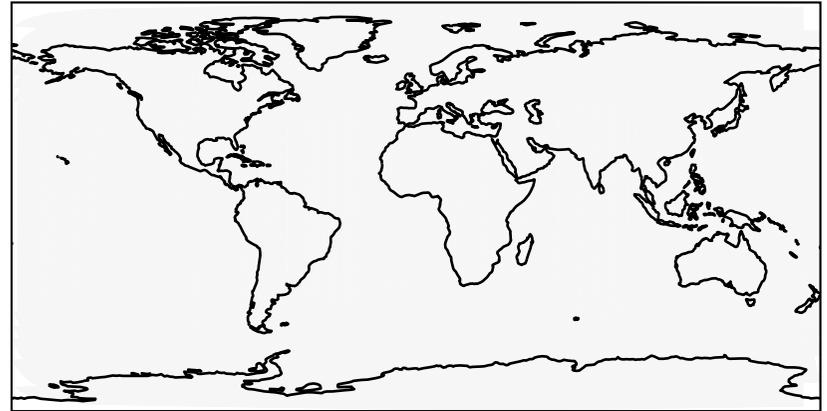
# SpeciesConc\_H2

GCC\_13.1.0-beta.0 - GCC\_13.0.0-rc.2 (Ref)  
4.0x5.0



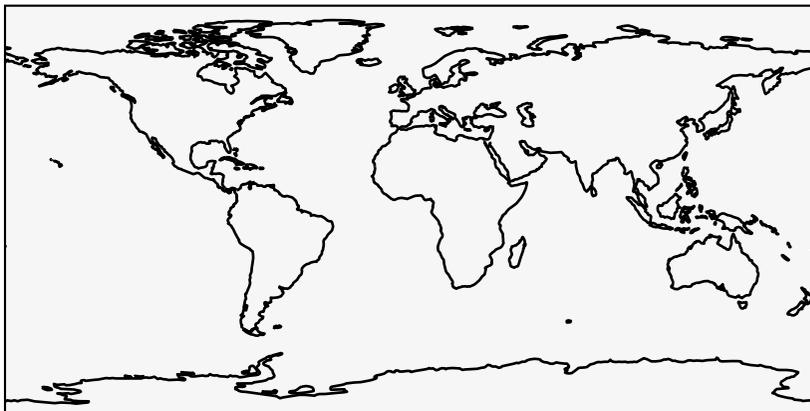
Zero throughout domain  
ppb

GCHP\_13.1.0-beta.0 - GCHP\_13.0.0-rc.2 (Dev)  
c48



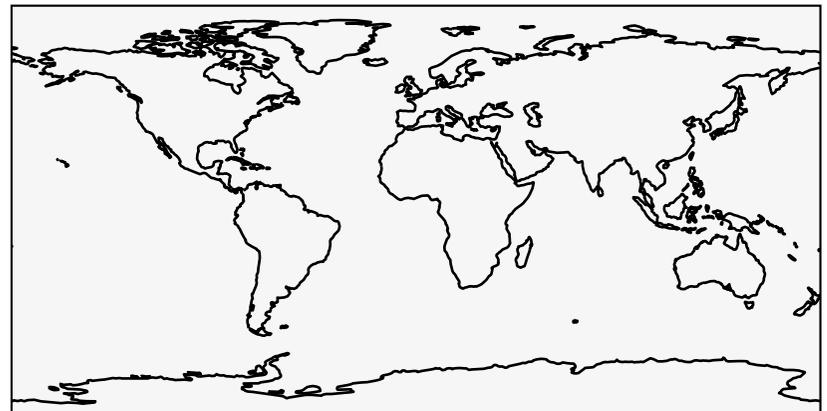
Zero throughout domain  
ppb

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



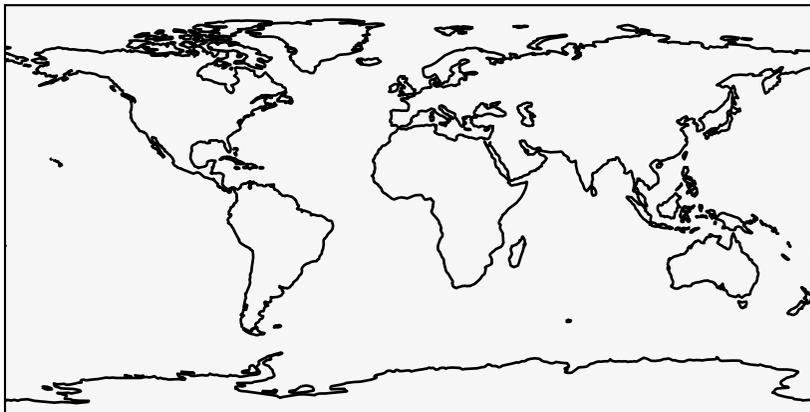
Zero throughout domain  
ppb

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



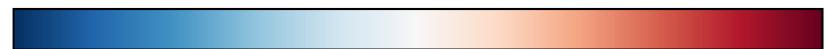
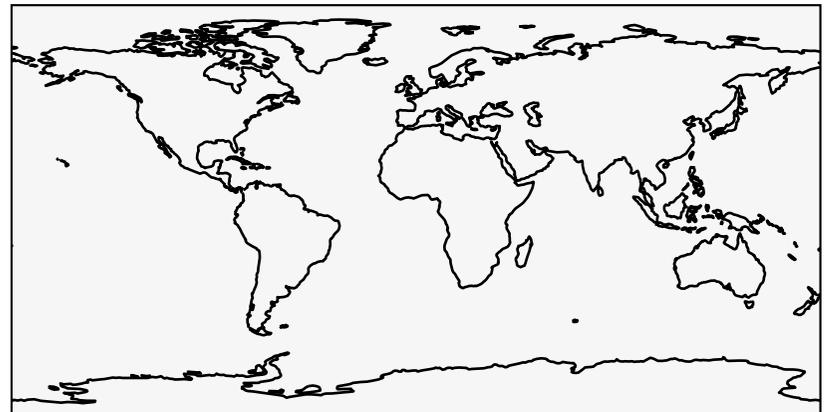
Zero throughout domain  
ppb

Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$



Undefined throughout domain  
unitless

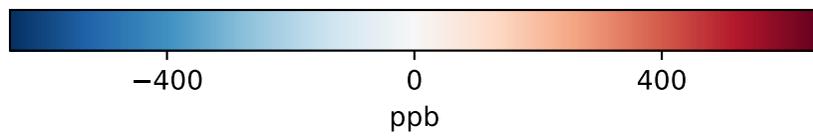
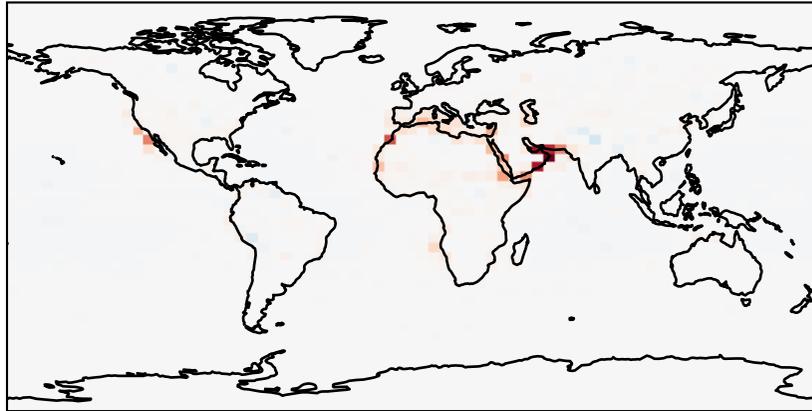
Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$



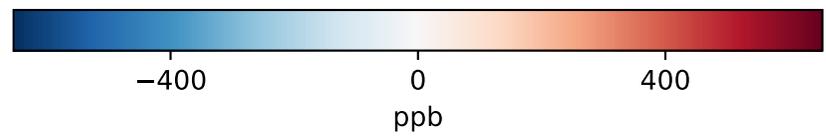
Undefined throughout domain  
unitless

# SpeciesConc\_H2O

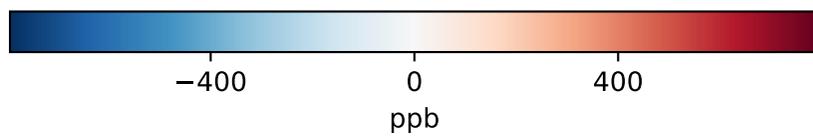
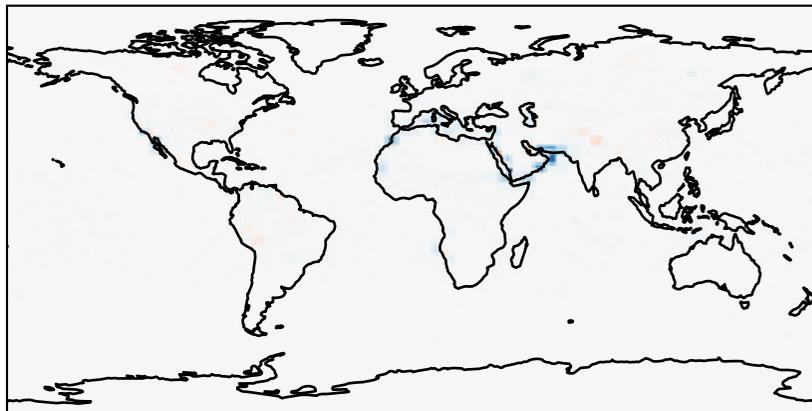
GCC\_13.1.0-beta.0 - GCC\_13.0.0-rc.2 (Ref)  
4.0x5.0



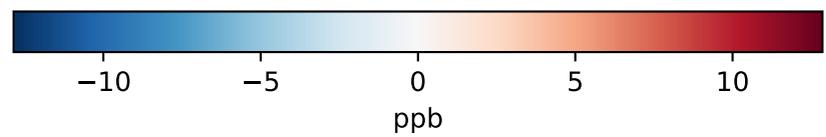
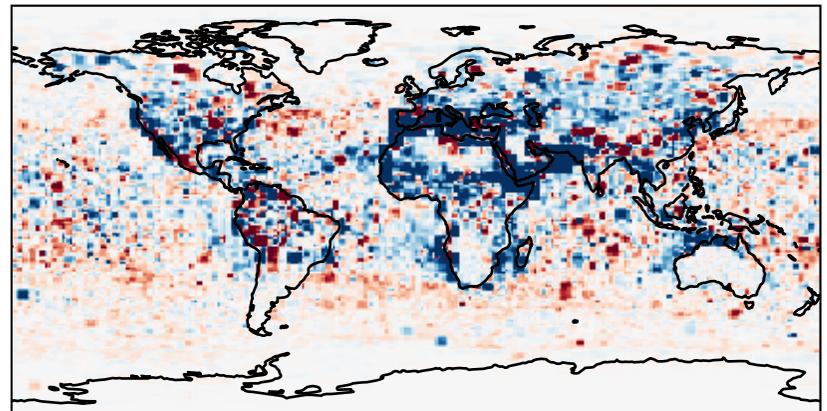
GCHP\_13.1.0-beta.0 - GCHP\_13.0.0-rc.2 (Dev)  
c48



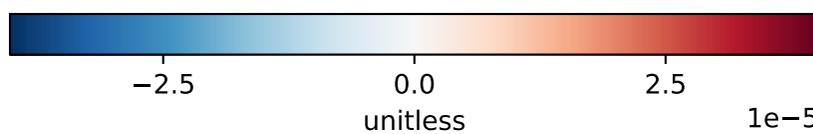
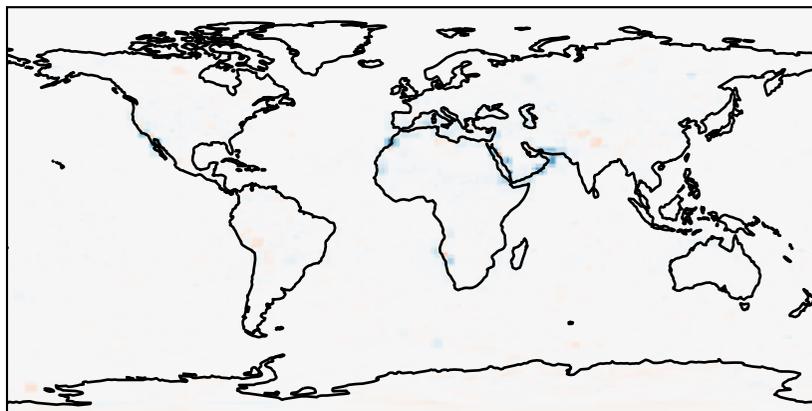
Difference (1x1.25)  
Dev - Ref, Dynamic Range



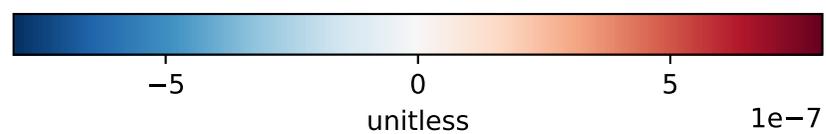
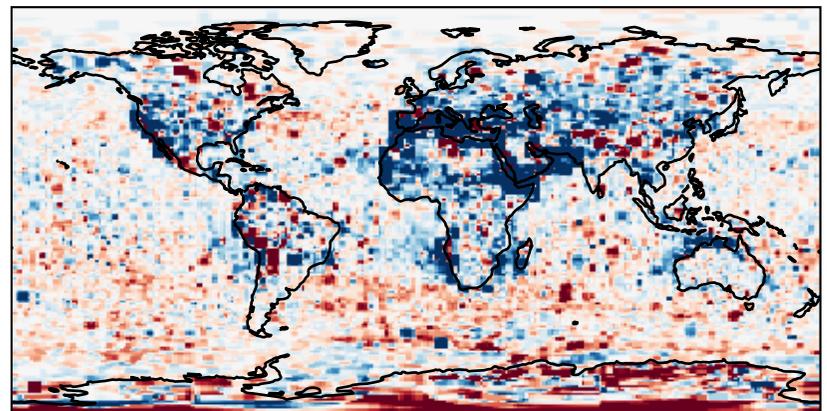
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

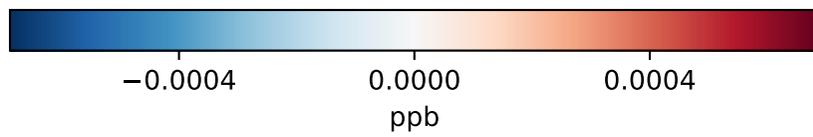
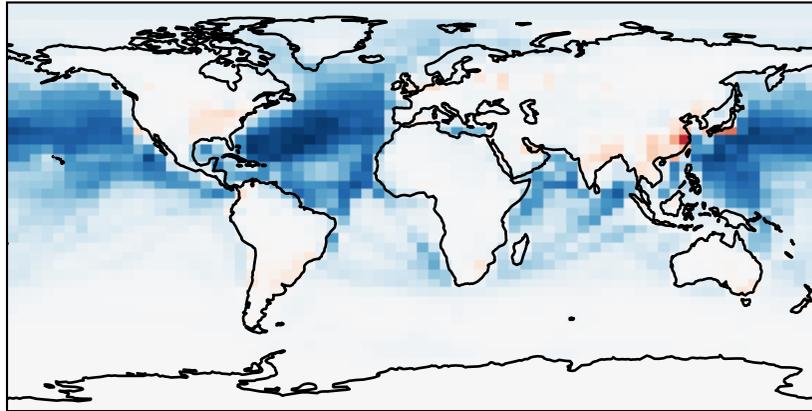


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

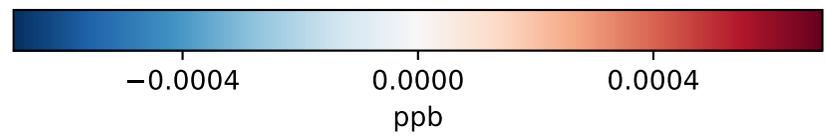
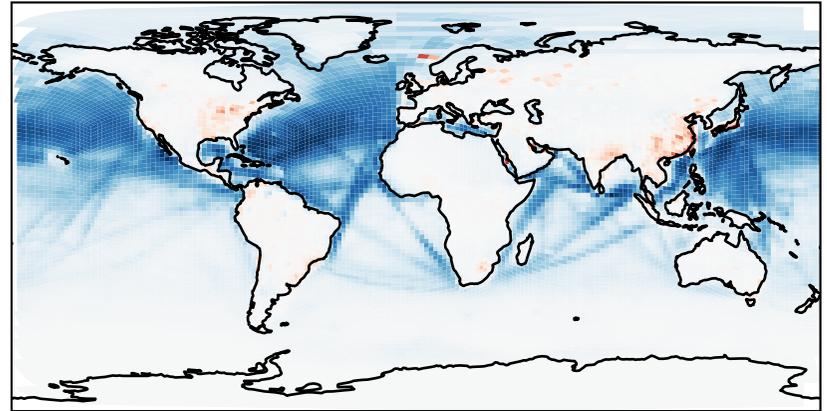


# SpeciesConc\_HO2

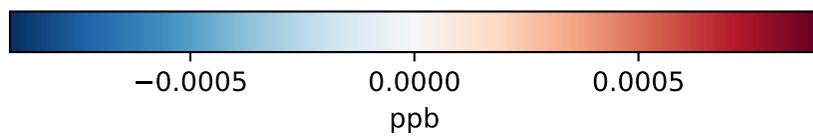
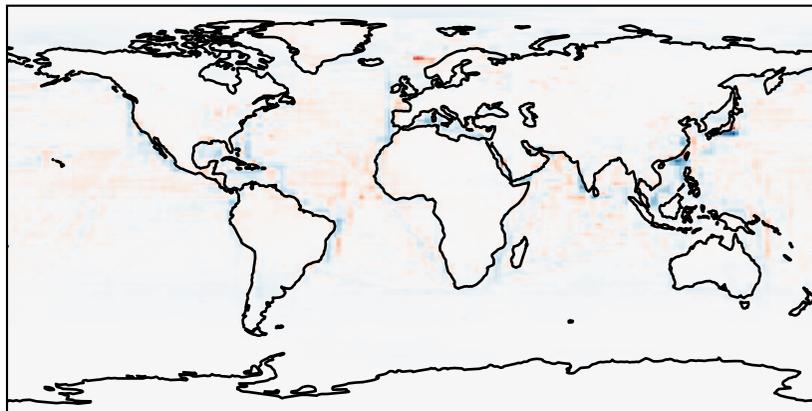
GCC\_13.1.0-beta.0 - GCC\_13.0.0-rc.2 (Ref)  
4.0x5.0



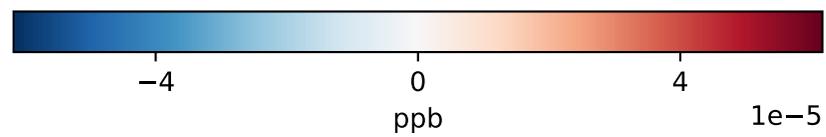
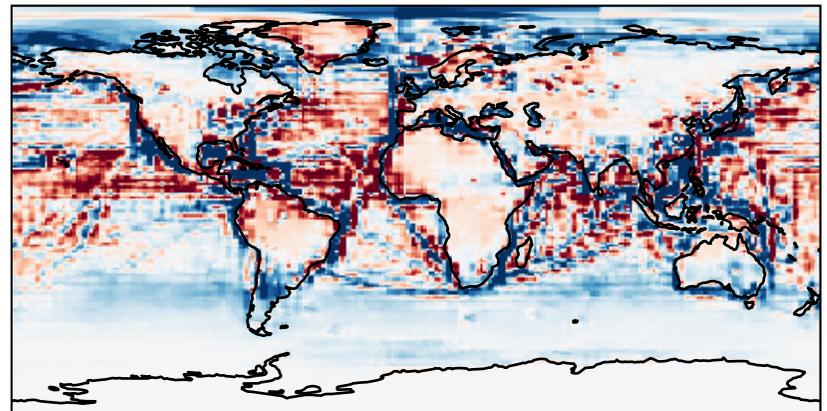
GCHP\_13.1.0-beta.0 - GCHP\_13.0.0-rc.2 (Dev)  
c48



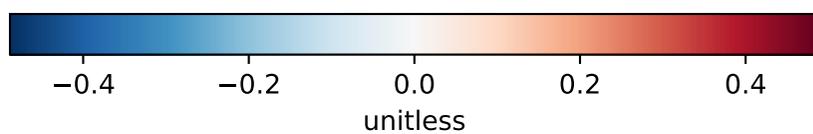
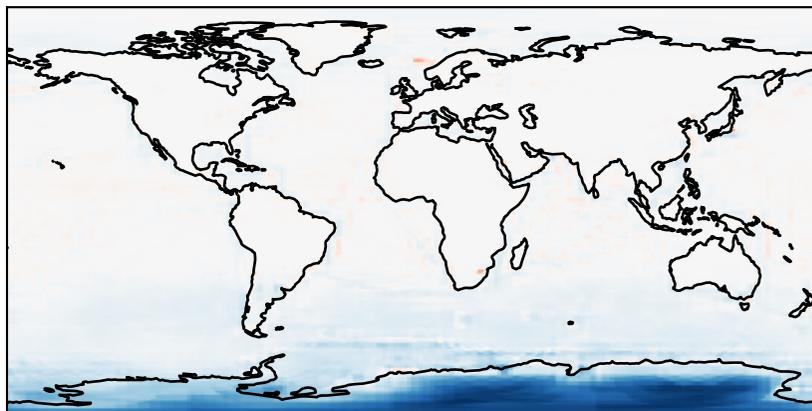
Difference (1x1.25)  
Dev - Ref, Dynamic Range



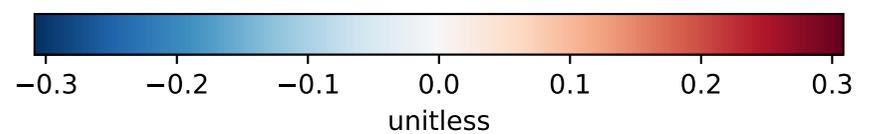
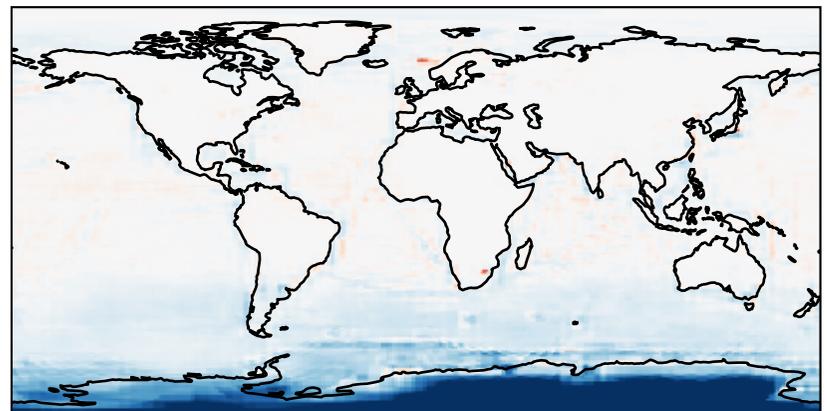
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

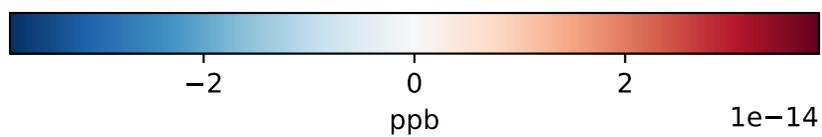
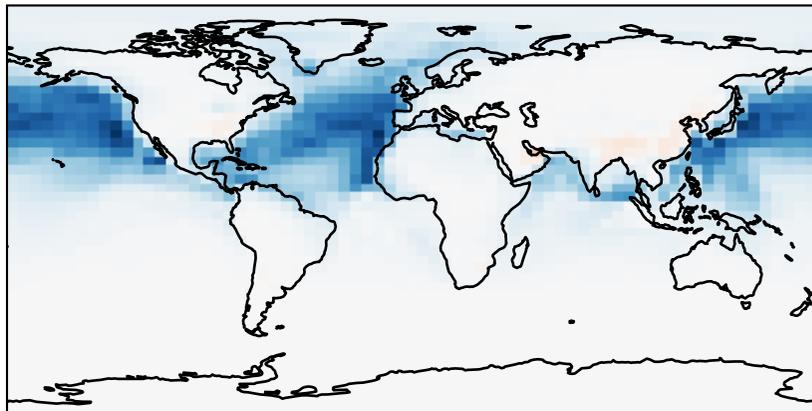


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

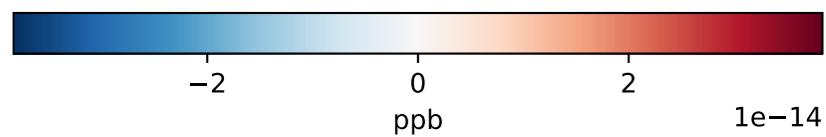
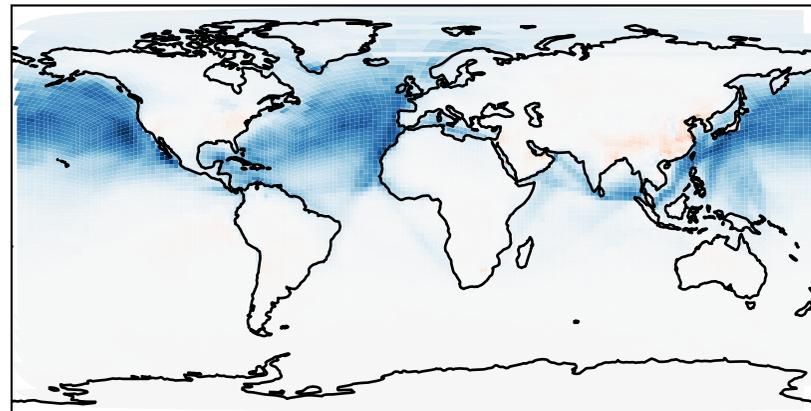


# SpeciesConc\_01D

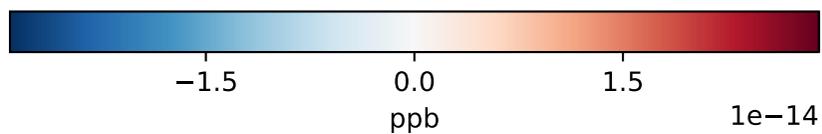
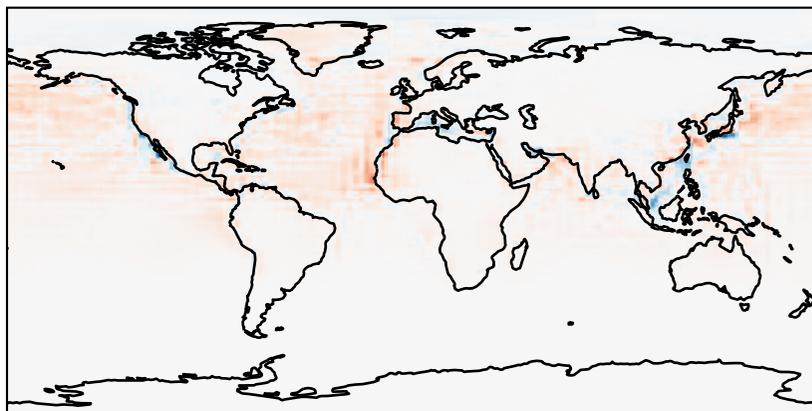
GCC\_13.1.0-beta.0 - GCC\_13.0.0-rc.2 (Ref)  
4.0x5.0



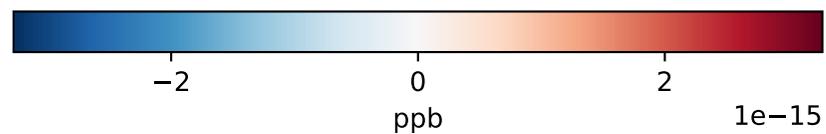
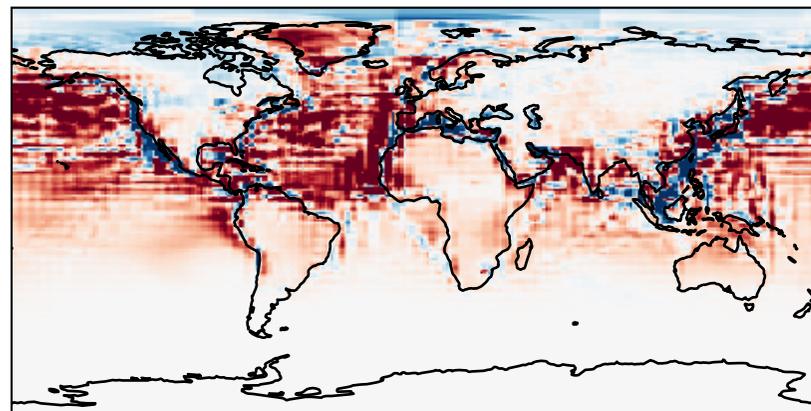
GCHP\_13.1.0-beta.0 - GCHP\_13.0.0-rc.2 (Dev)  
c48



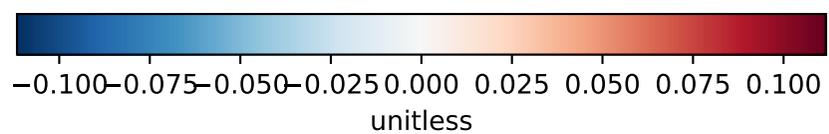
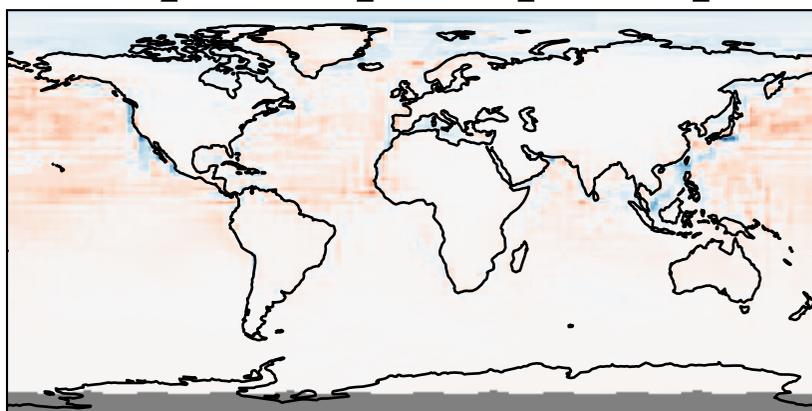
Difference (1x1.25)  
Dev - Ref, Dynamic Range



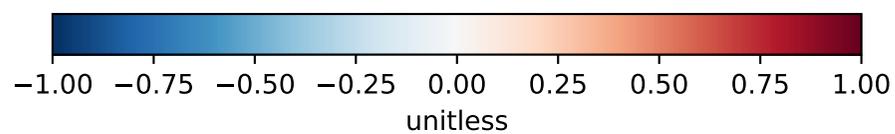
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

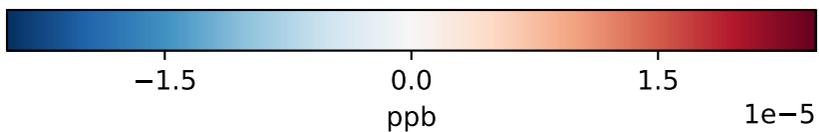
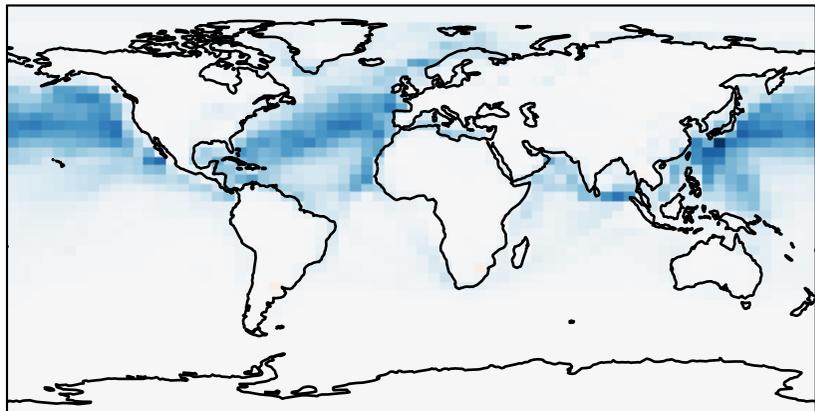


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

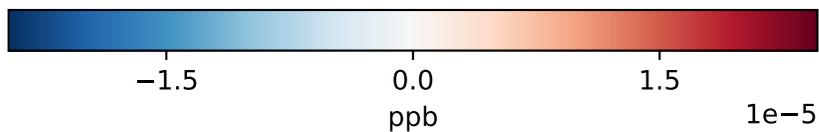
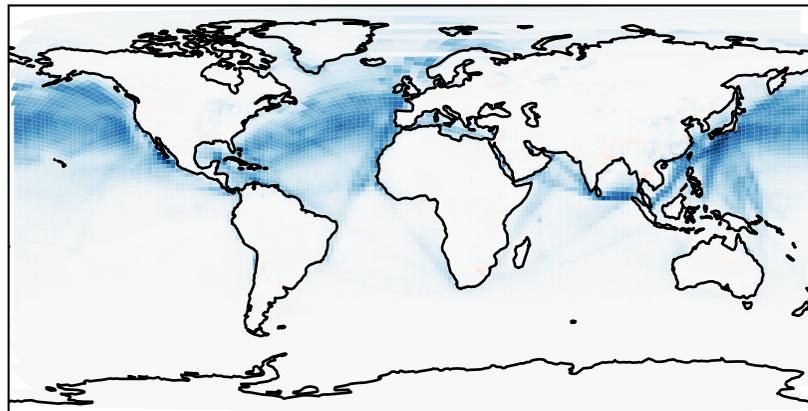


# SpeciesConc\_OH

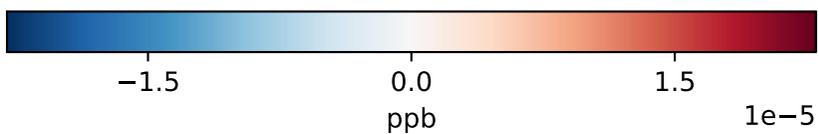
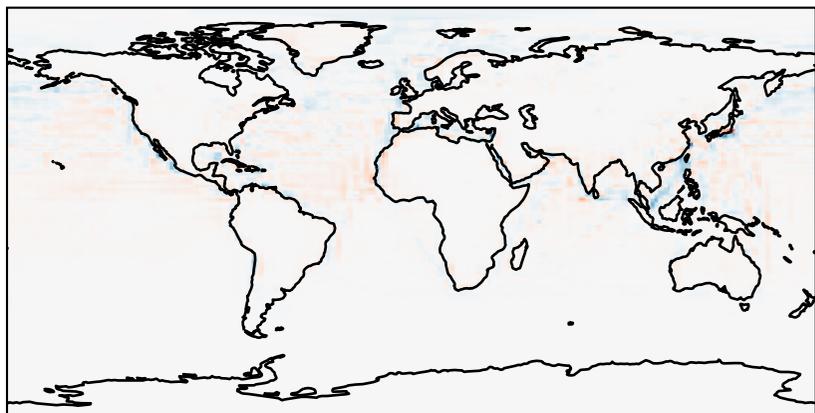
GCC\_13.1.0-beta.0 - GCC\_13.0.0-rc.2 (Ref)  
4.0x5.0



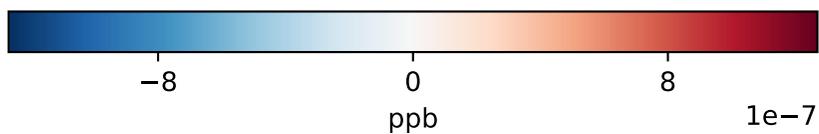
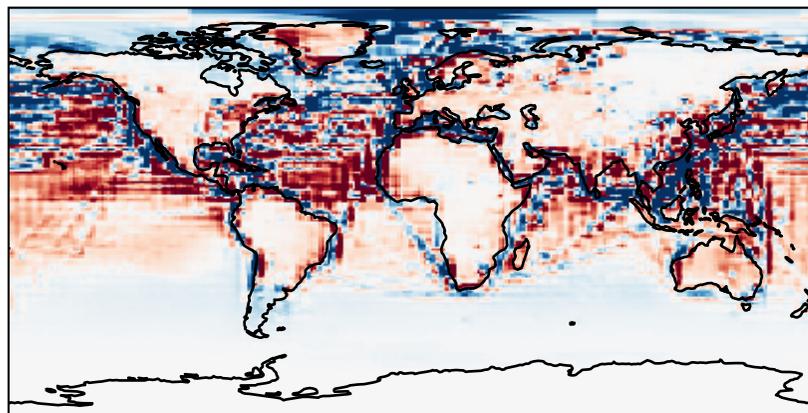
GCHP\_13.1.0-beta.0 - GCHP\_13.0.0-rc.2 (Dev)  
c48



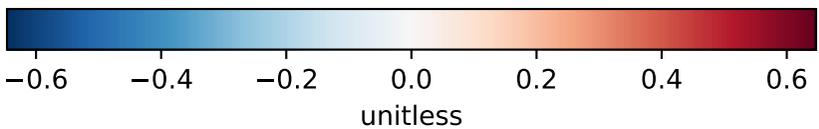
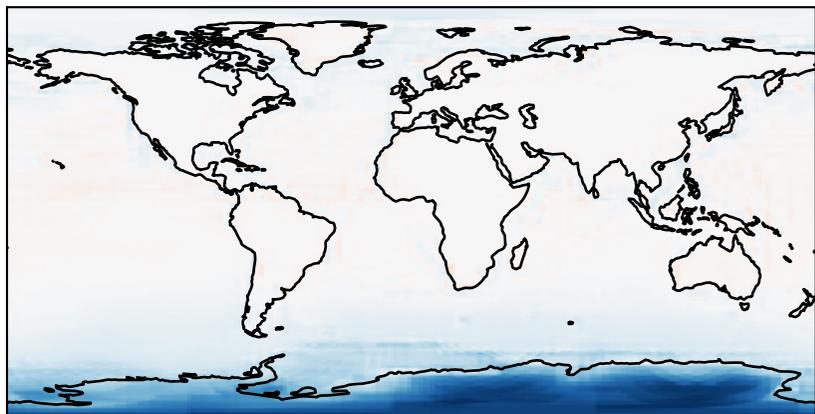
Difference (1x1.25)  
Dev - Ref, Dynamic Range



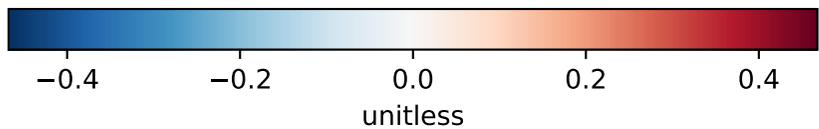
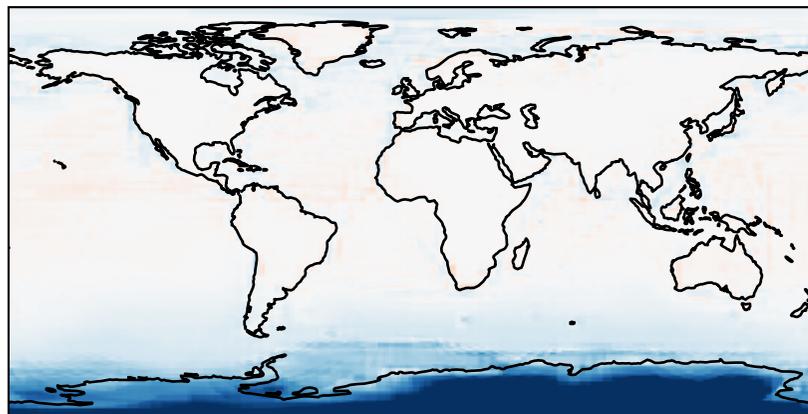
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

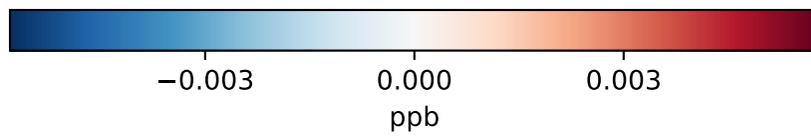
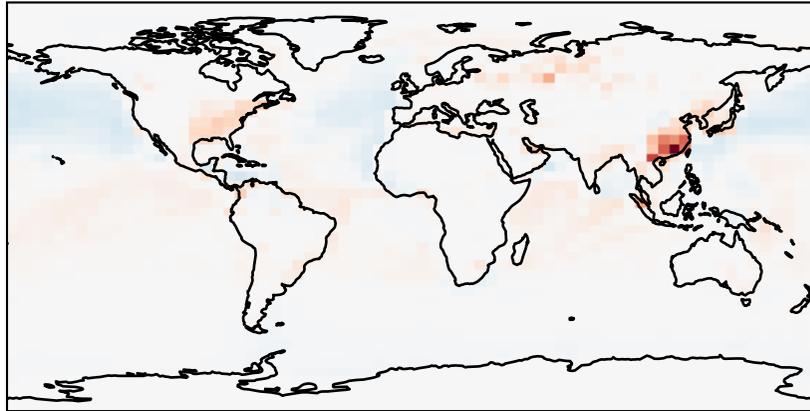


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

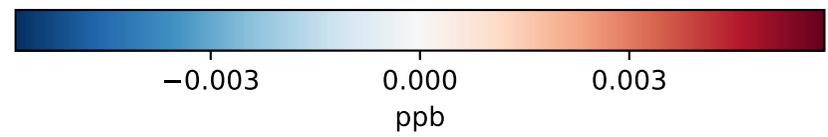
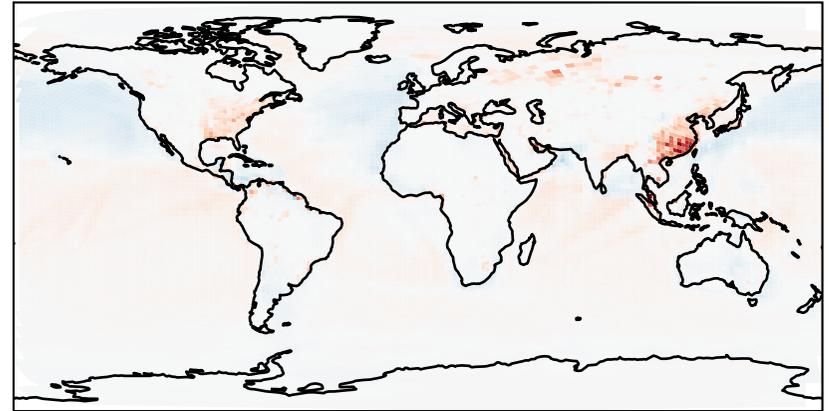


# SpeciesConc\_RO2

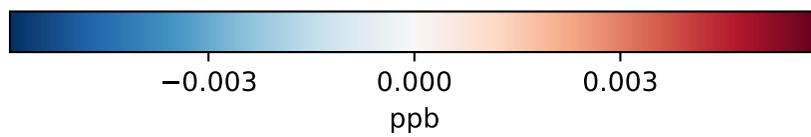
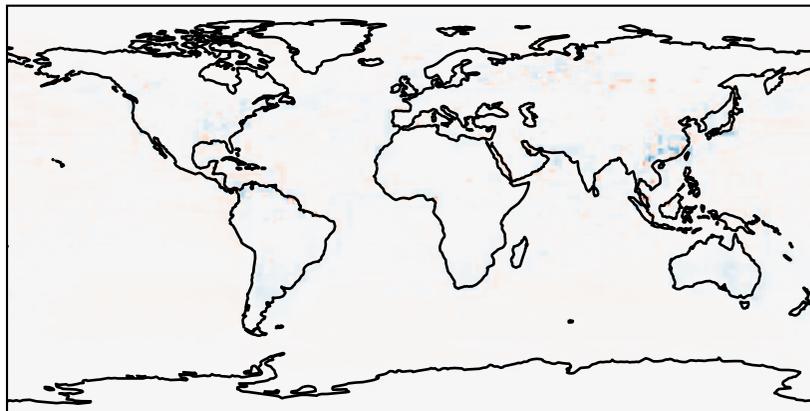
GCC\_13.1.0-beta.0 - GCC\_13.0.0-rc.2 (Ref)  
4.0x5.0



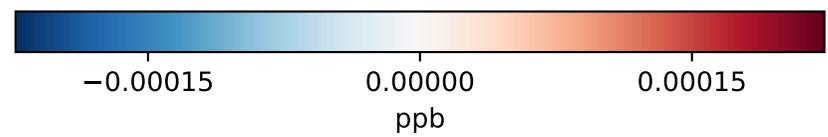
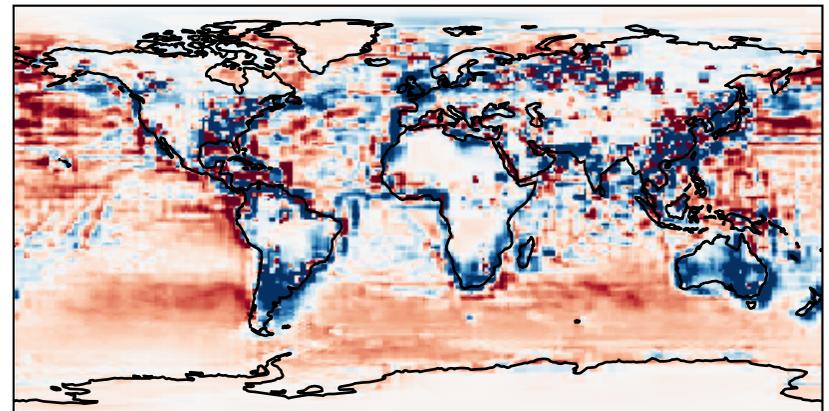
GCHP\_13.1.0-beta.0 - GCHP\_13.0.0-rc.2 (Dev)  
c48



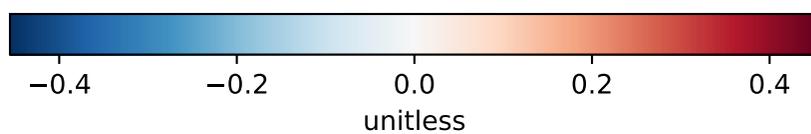
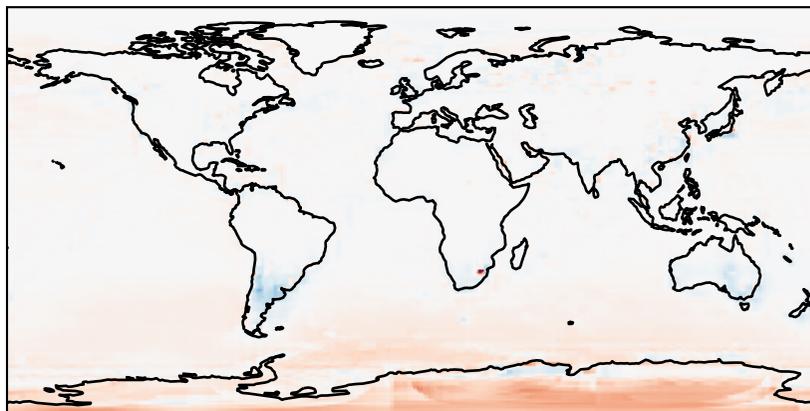
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

