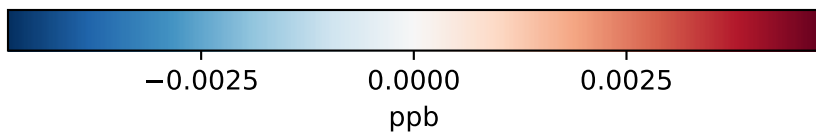
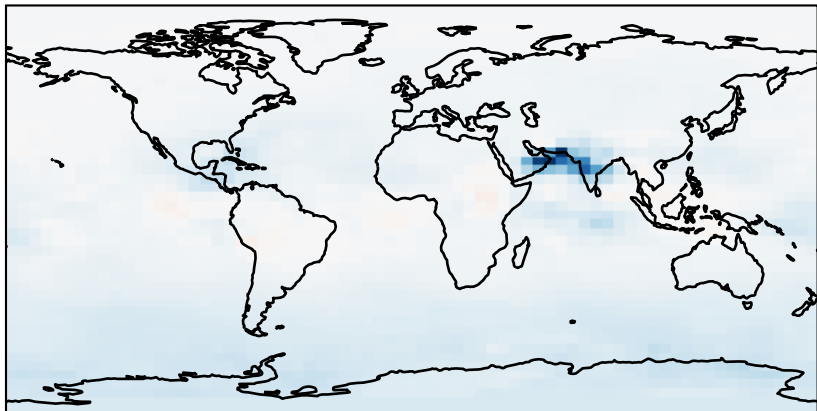
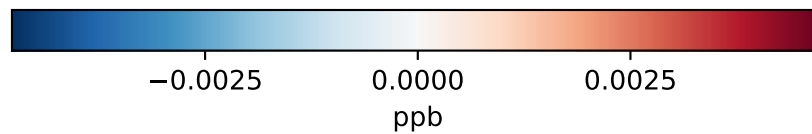
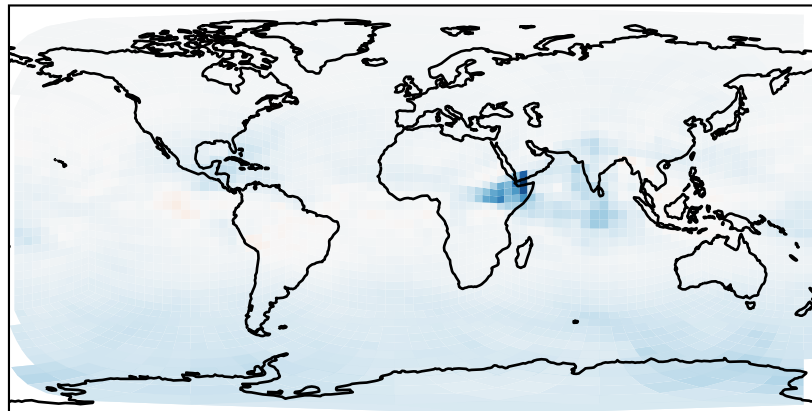


# SpeciesConcVV\_Bry

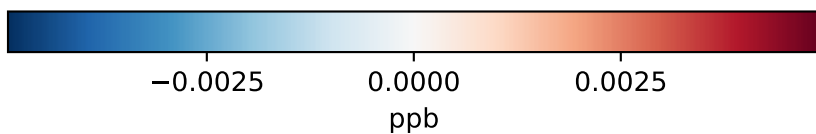
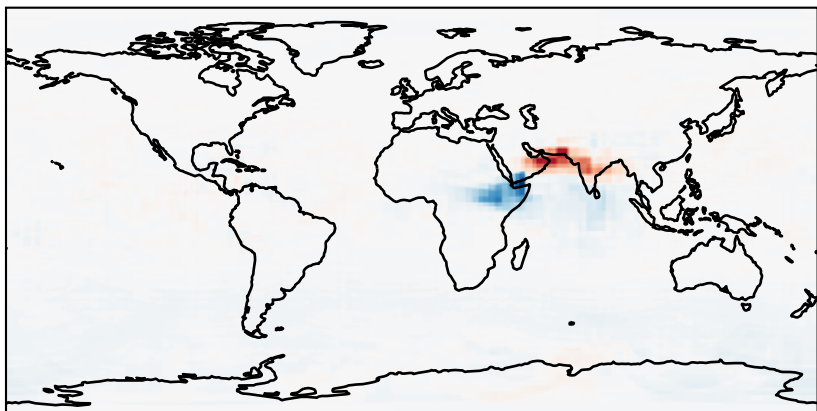
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



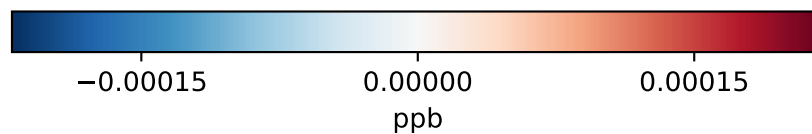
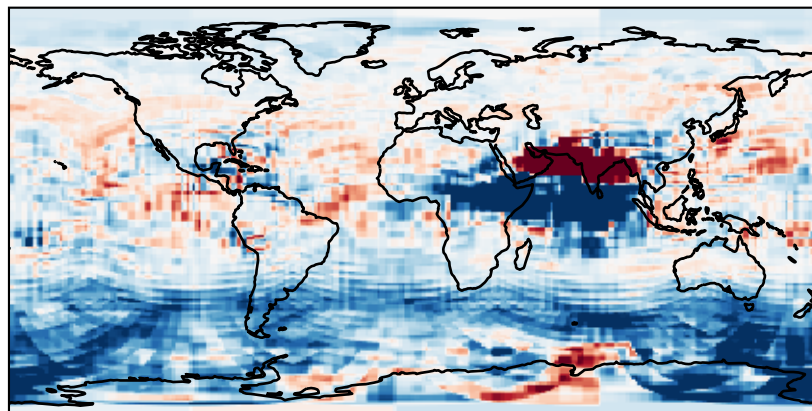
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



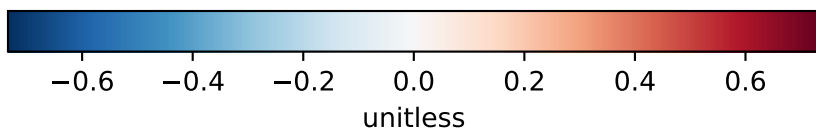
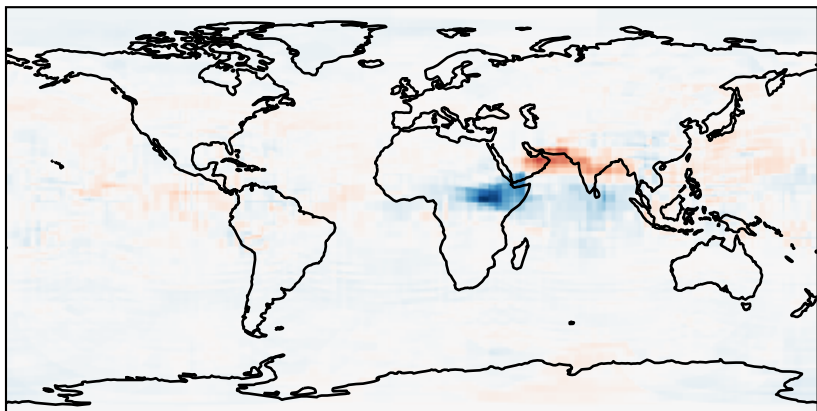
Difference (1x1.25)  
Dev - Ref, Dynamic Range



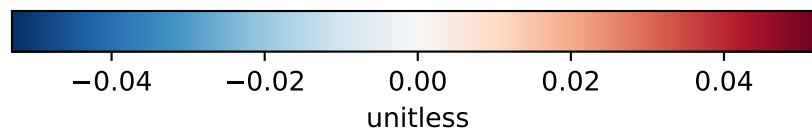
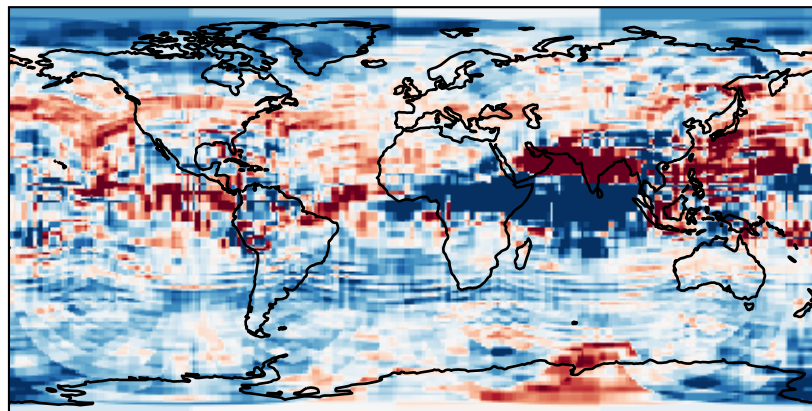
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

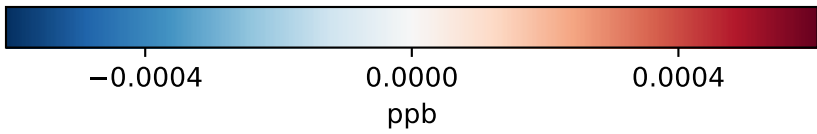
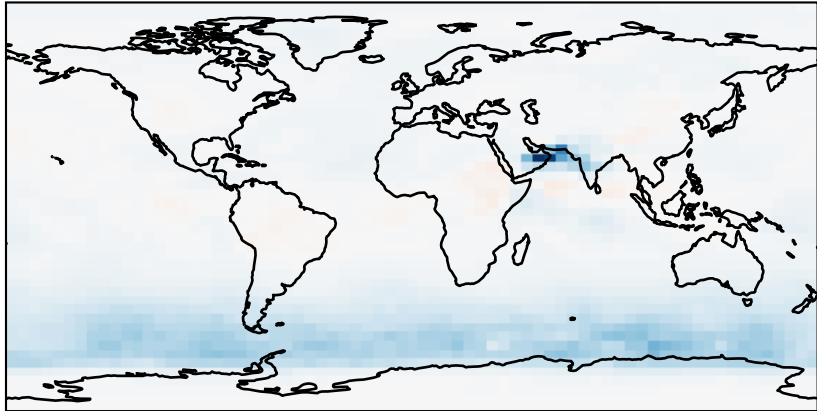


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

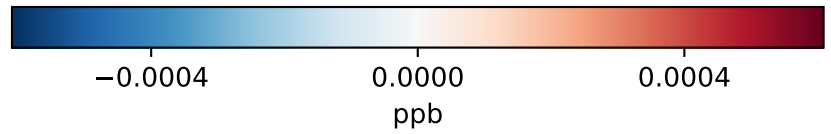
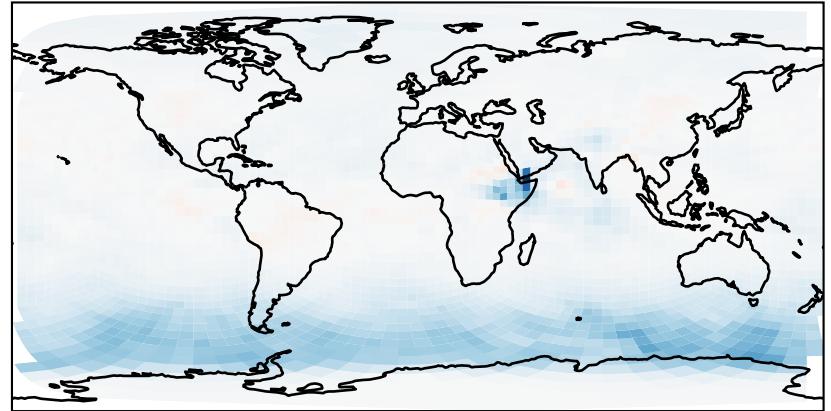


# SpeciesConcVV\_BrOx

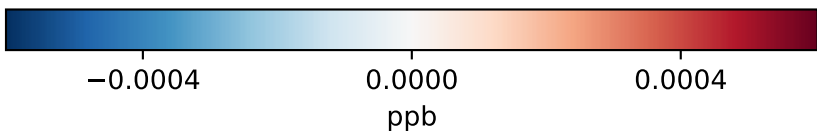
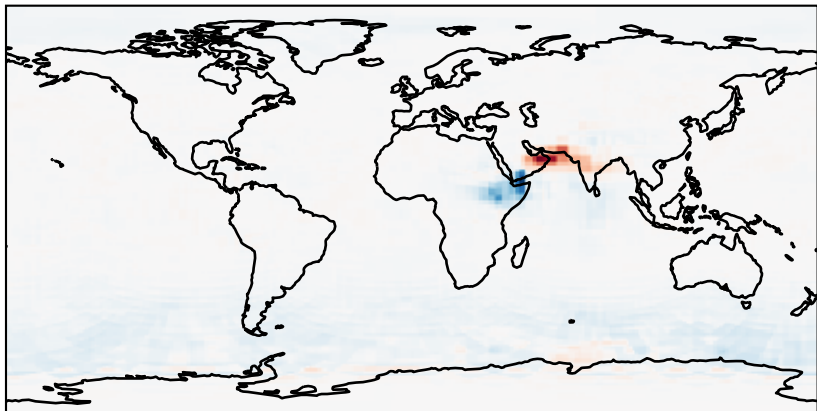
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



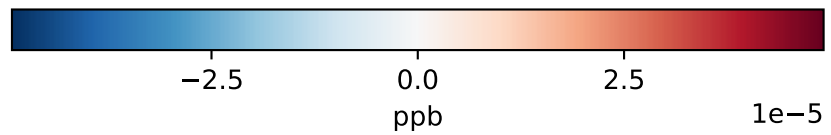
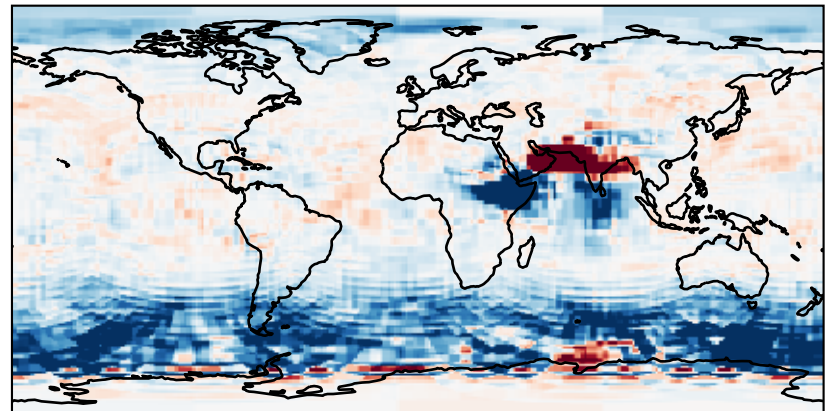
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



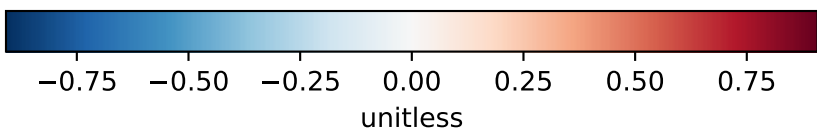
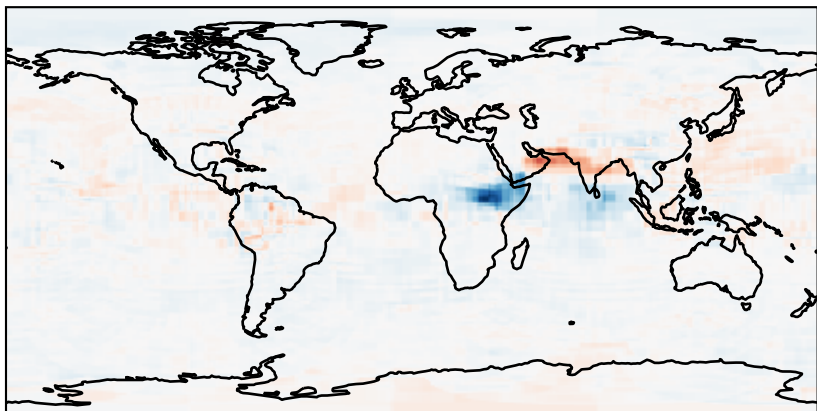
Difference (1x1.25)  
Dev - Ref, Dynamic Range



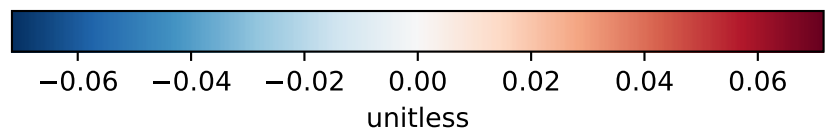
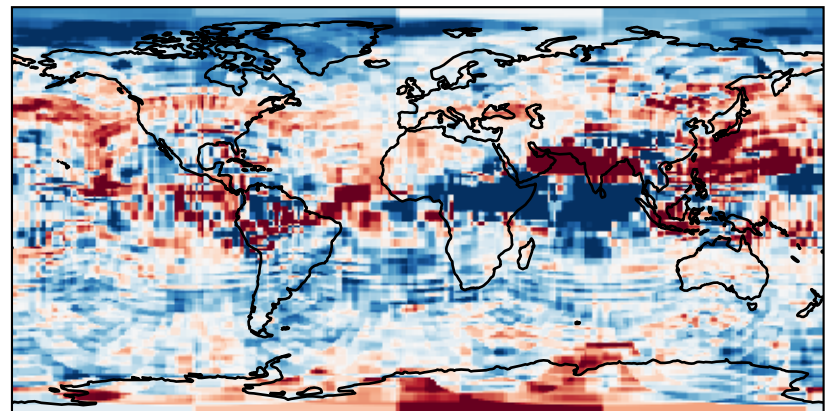
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



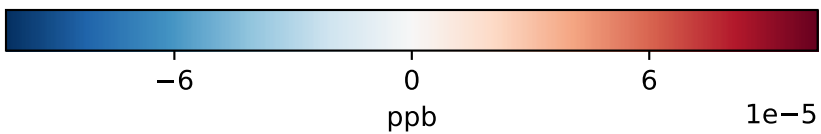
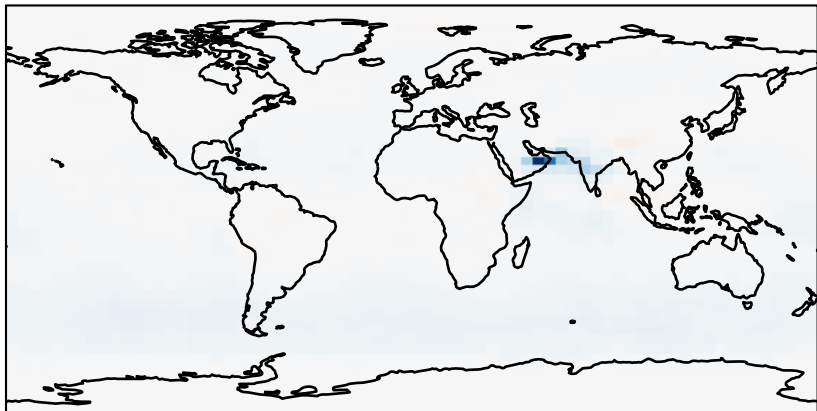
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



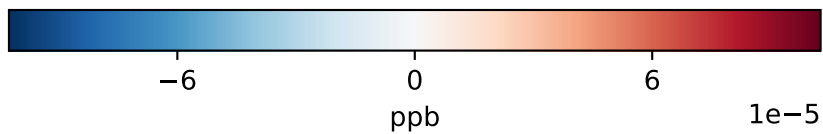
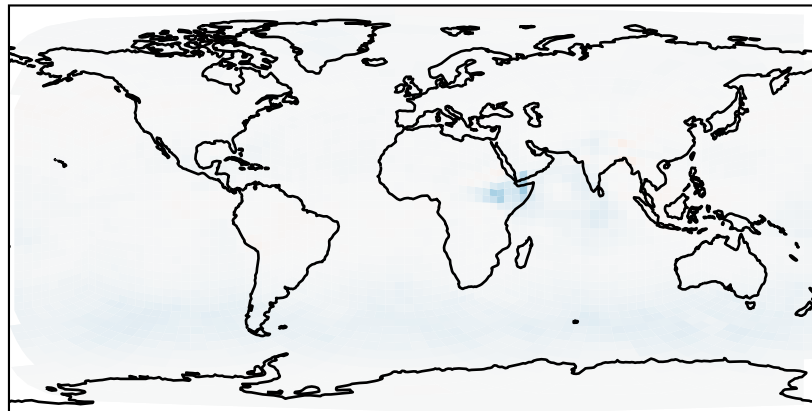


# SpeciesConcVV\_Br

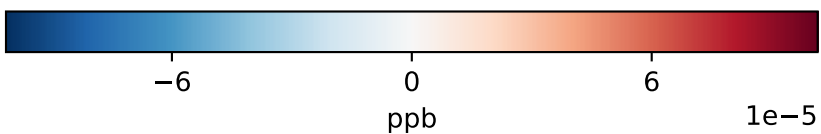
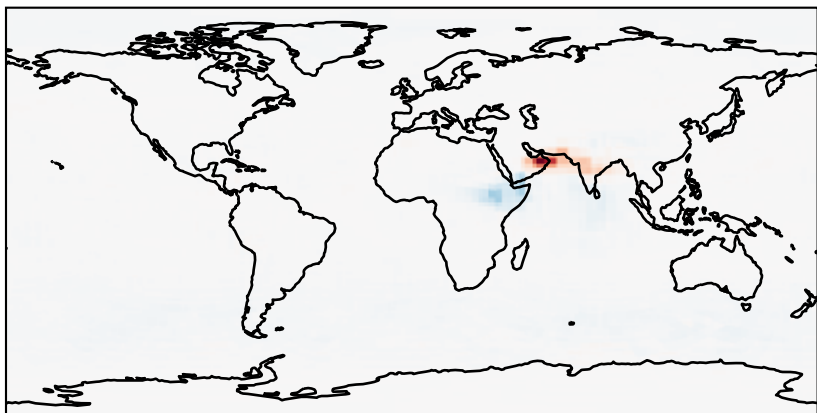
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



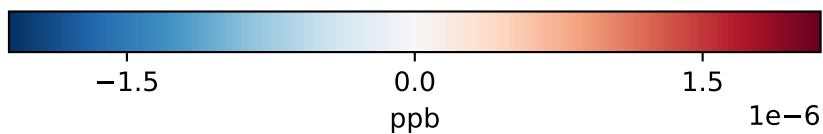
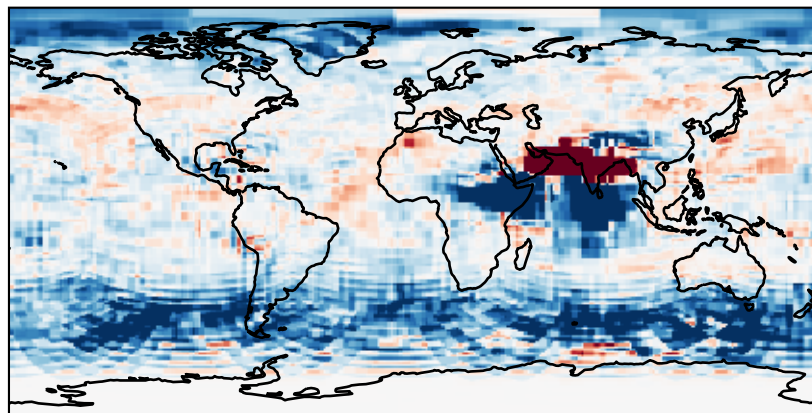
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



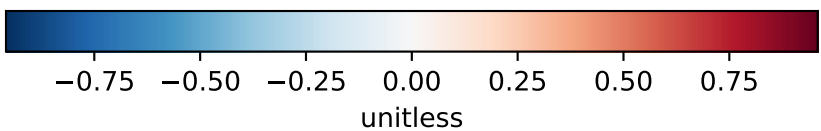
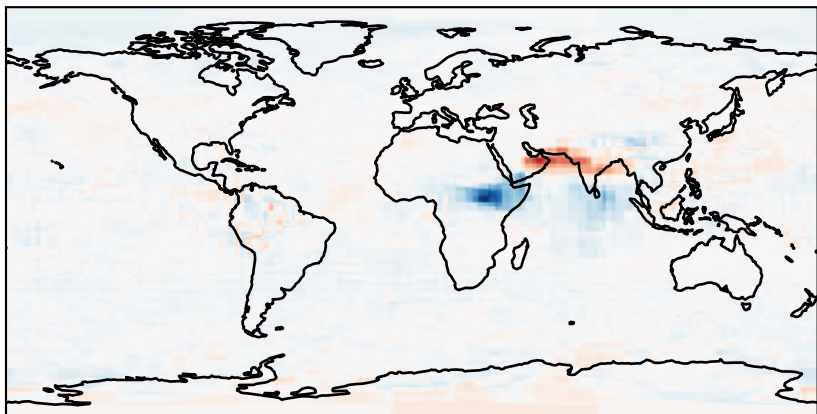
Difference (1x1.25)  
Dev - Ref, Dynamic Range



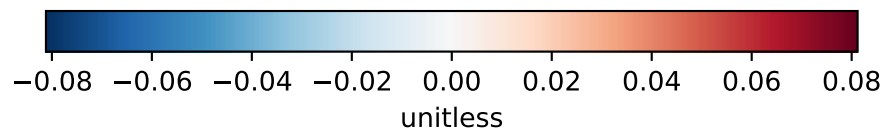
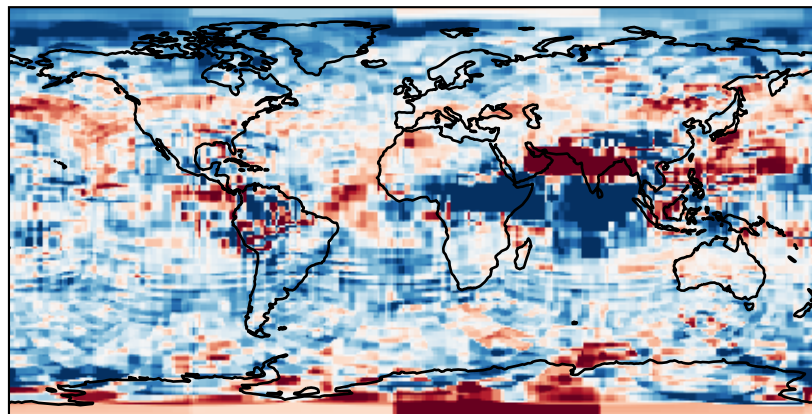
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

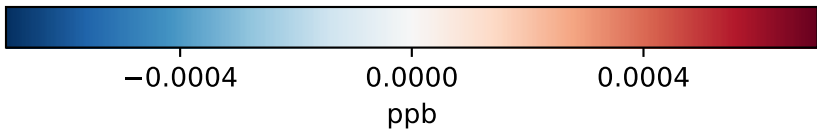
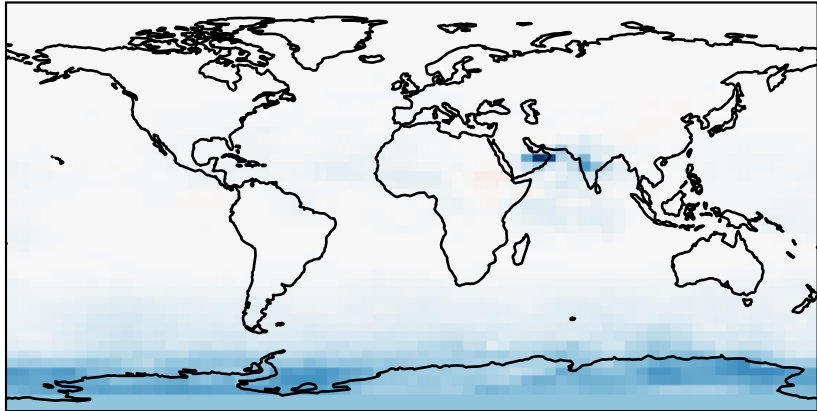


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

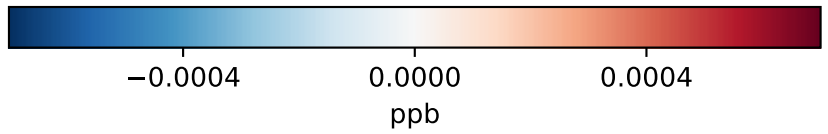
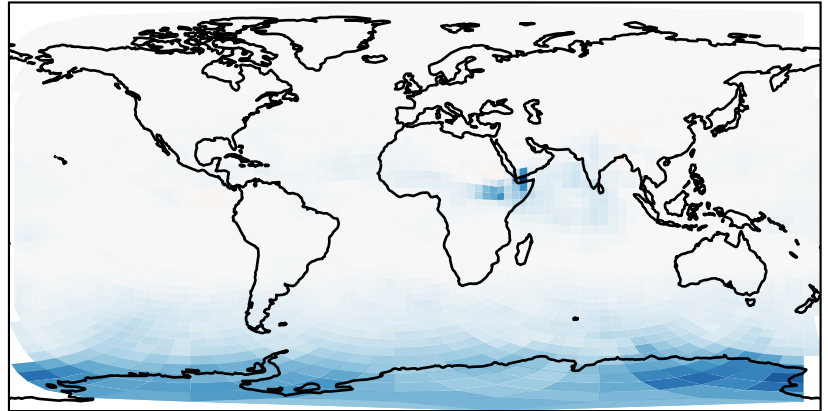


# SpeciesConcVV\_Br2

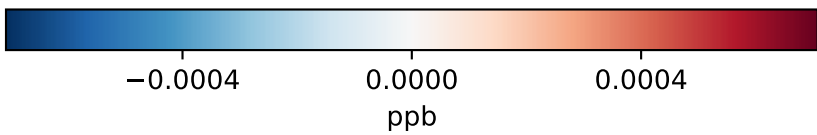
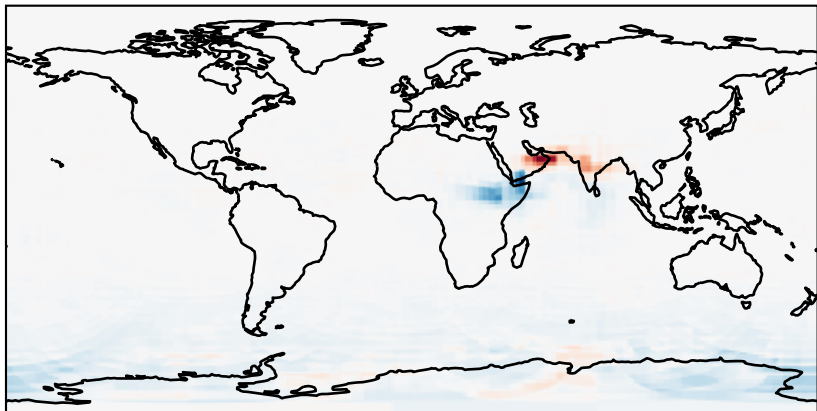
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



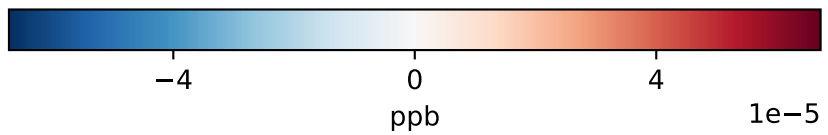
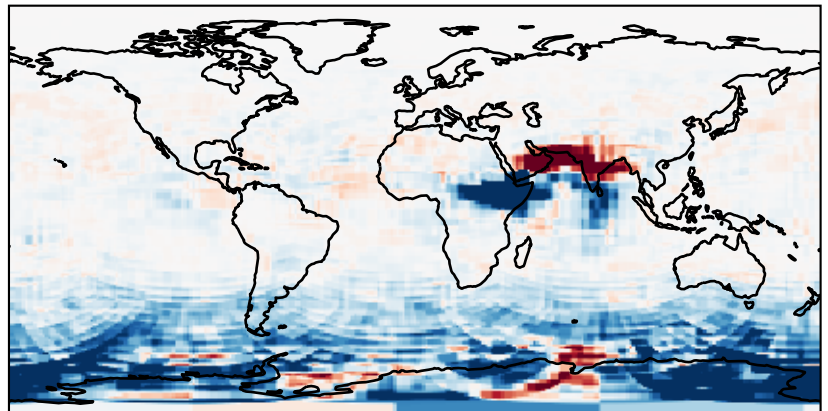
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



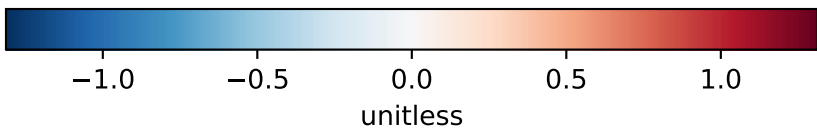
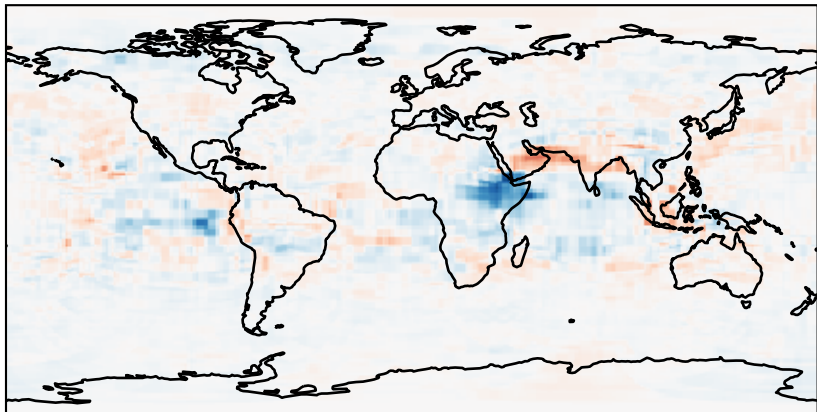
Difference (1x1.25)  
Dev - Ref, Dynamic Range



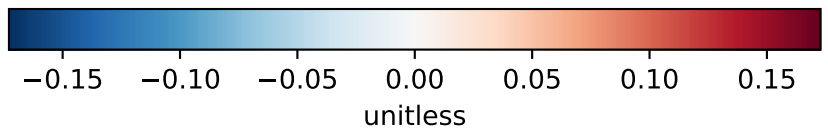
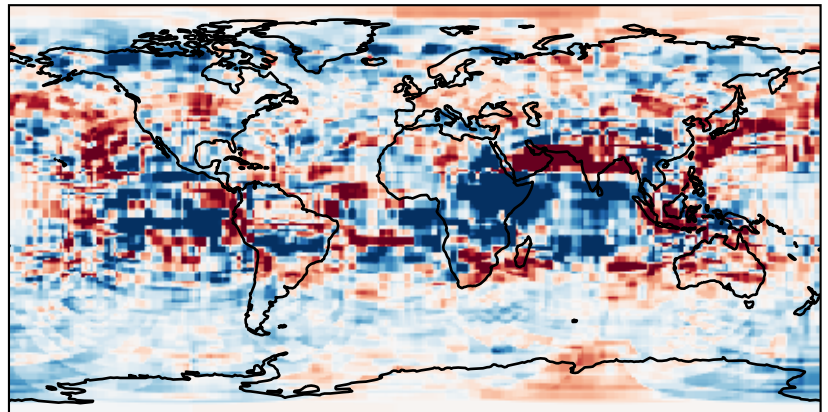
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



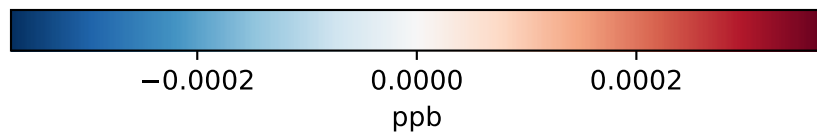
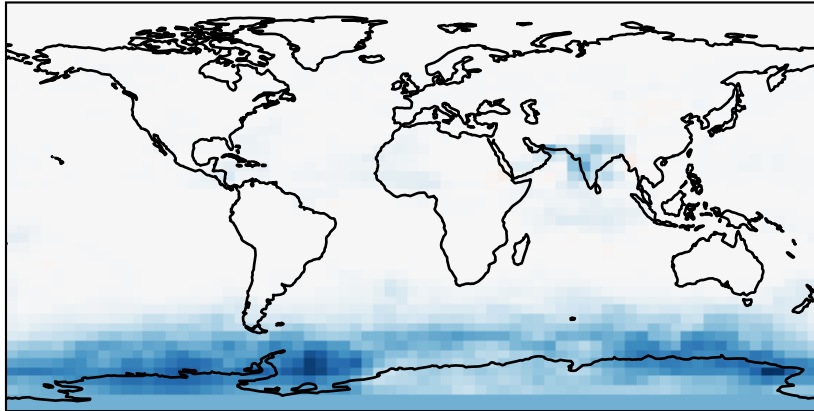
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



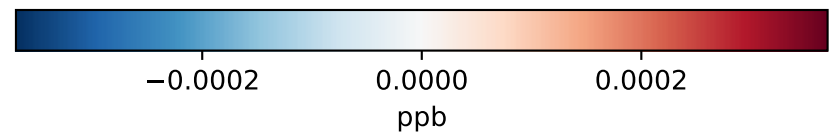
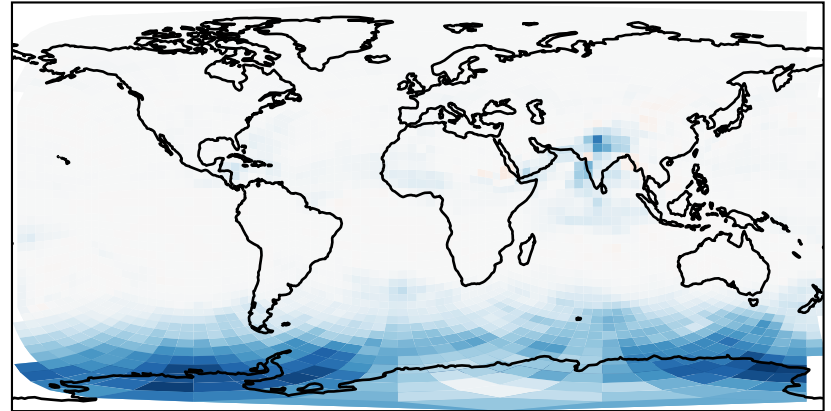


# SpeciesConcVV\_BrCl

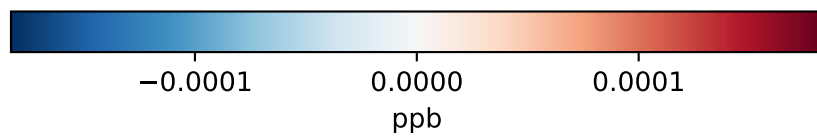
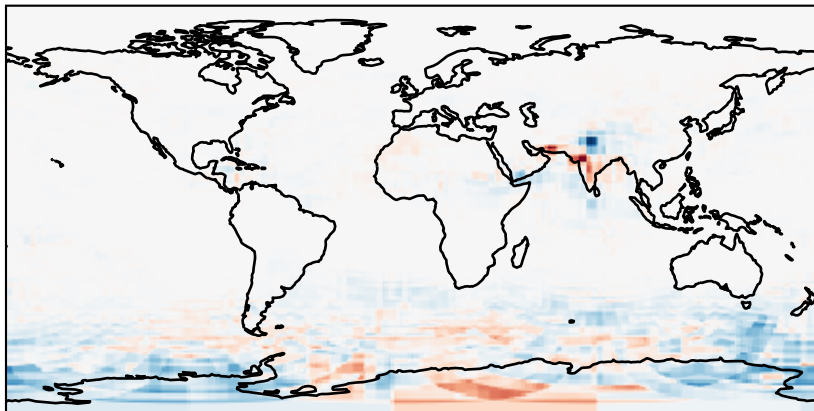
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



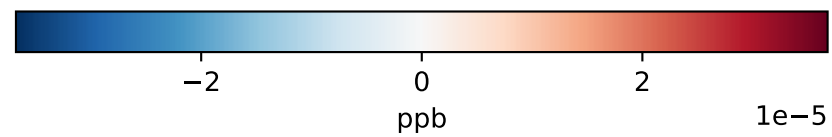
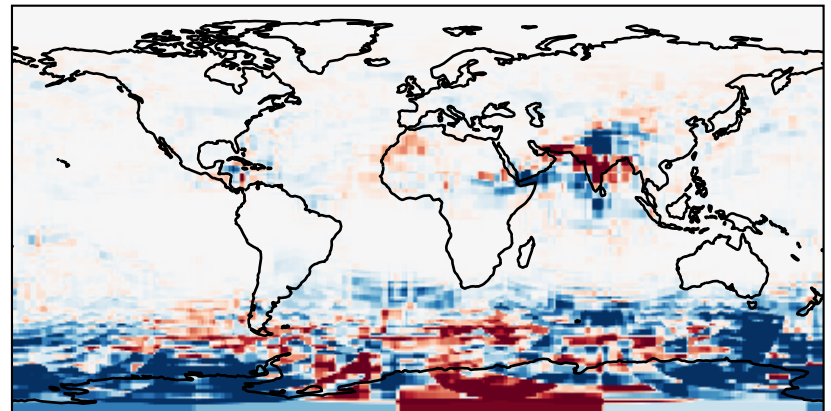
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



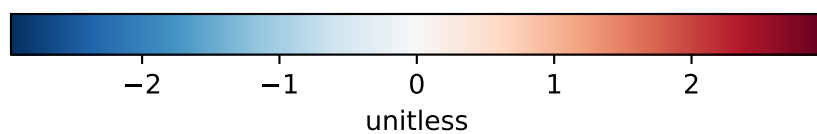
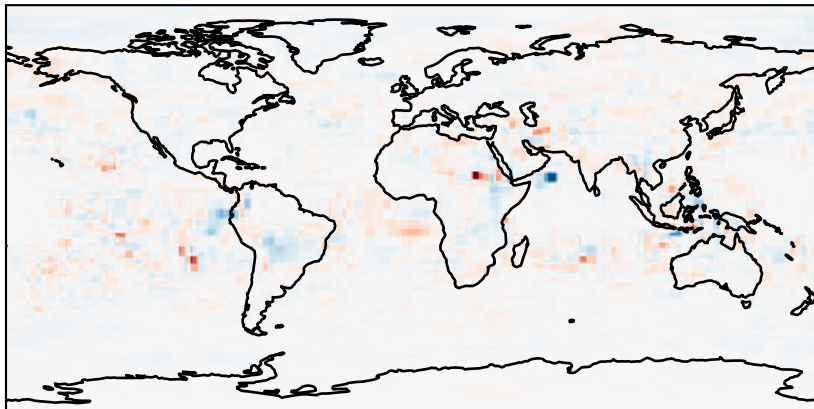
Difference (1x1.25)  
Dev - Ref, Dynamic Range



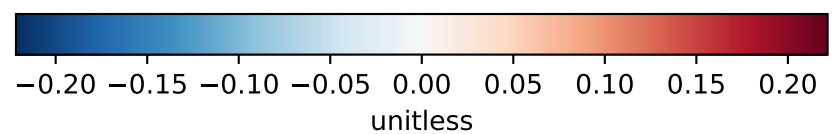
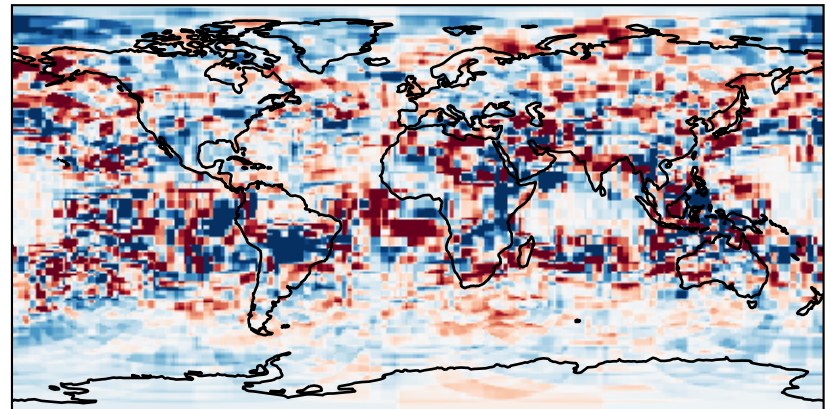
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

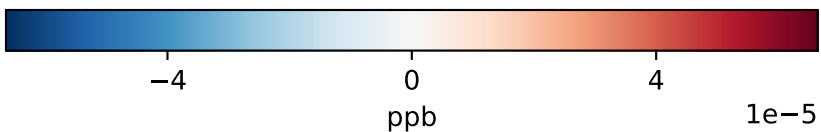
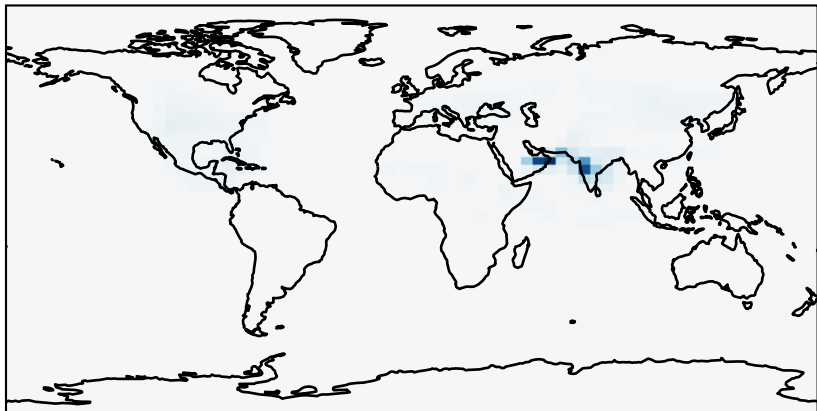


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

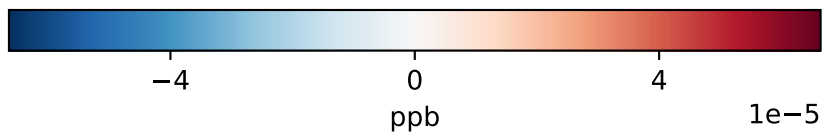


# SpeciesConcVW\_BrNO2

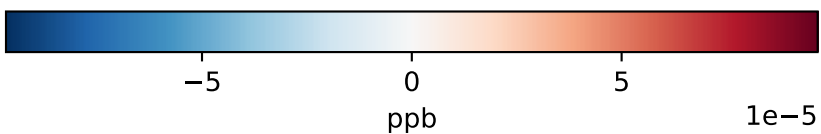
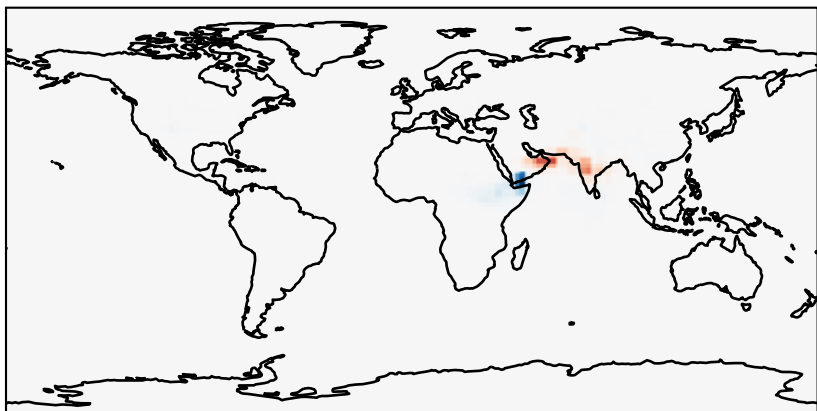
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



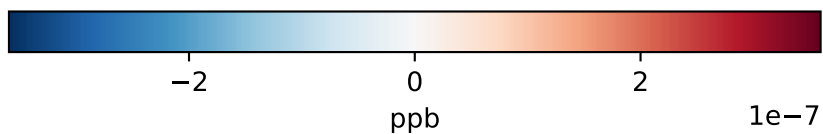
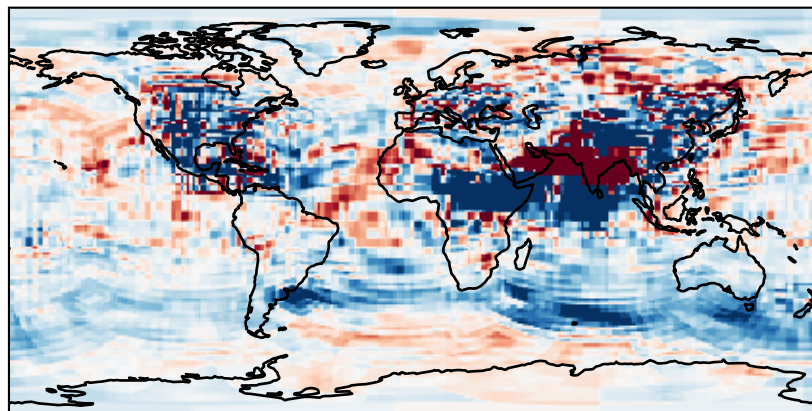
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



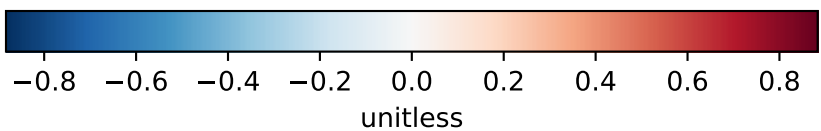
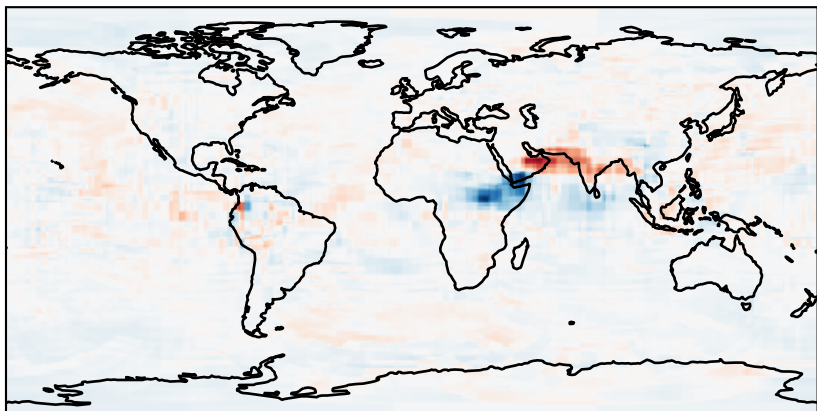
Difference (1x1.25)  
Dev - Ref, Dynamic Range



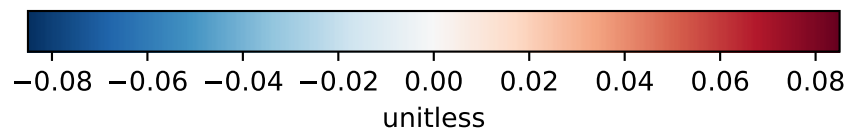
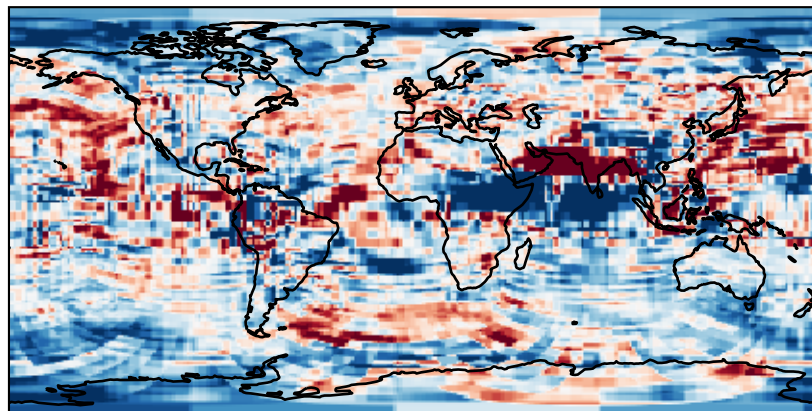
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



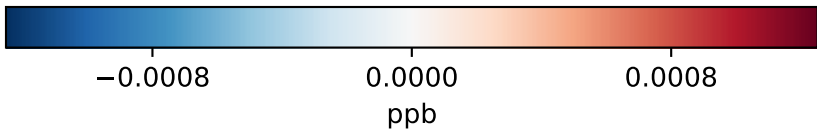
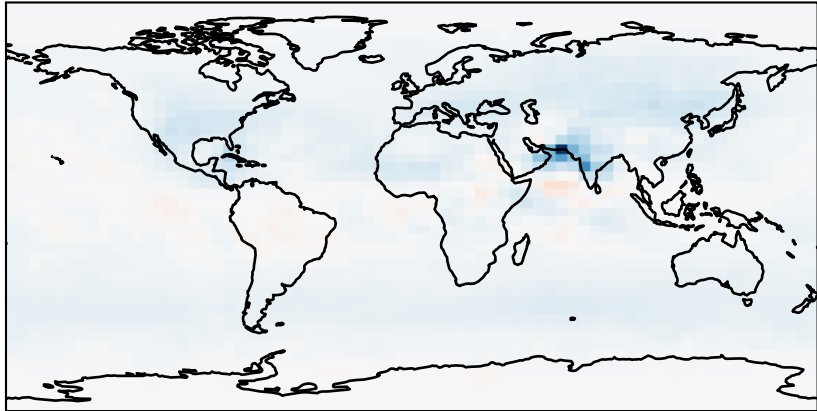
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



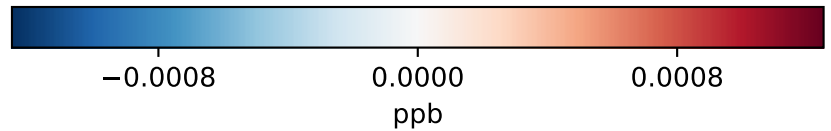
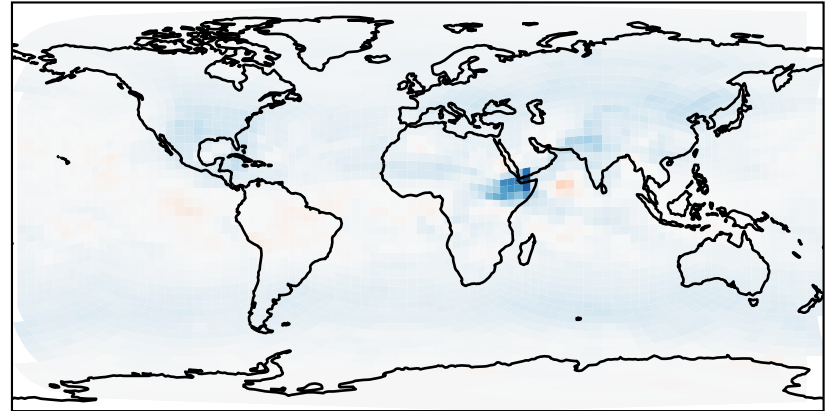


# SpeciesConcVW\_BrNO3

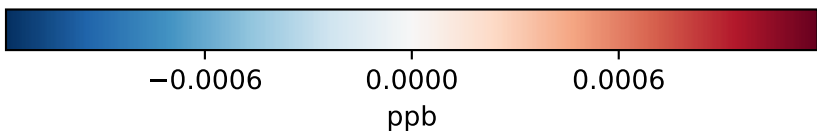
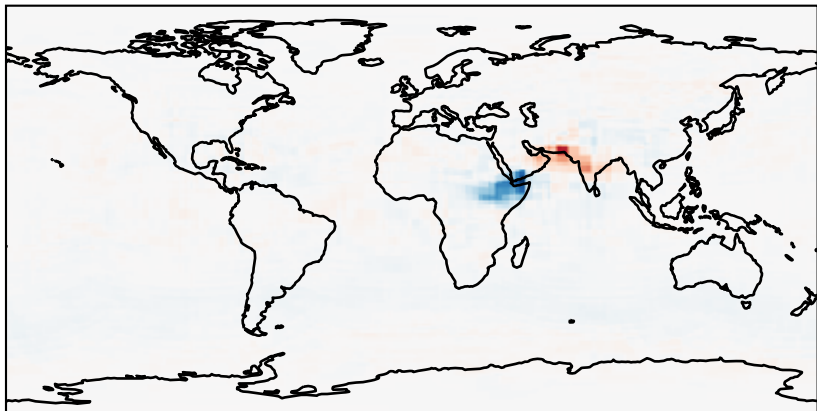
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



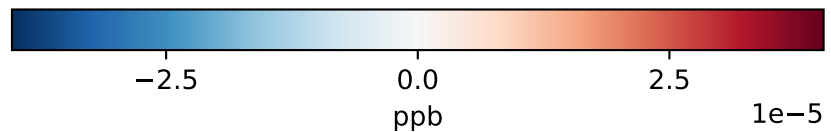
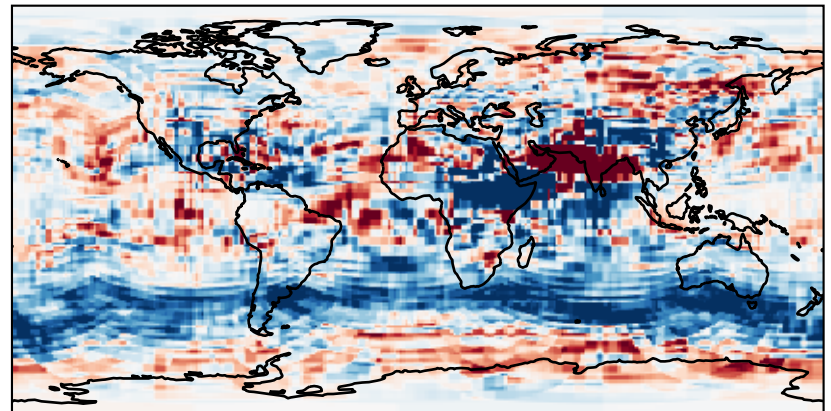
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



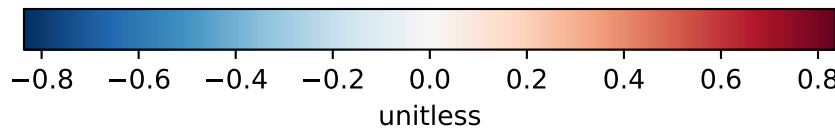
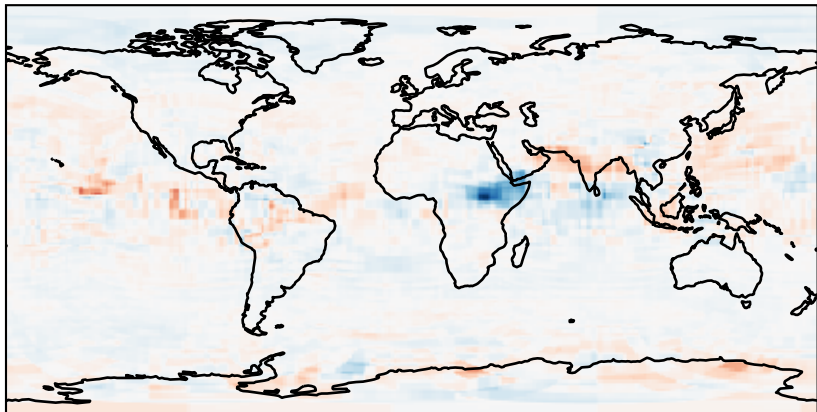
Difference (1x1.25)  
Dev - Ref, Dynamic Range



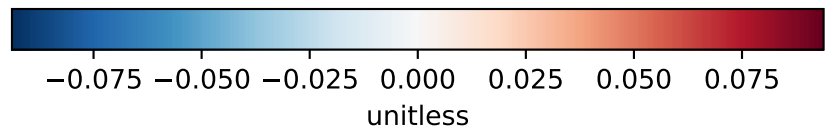
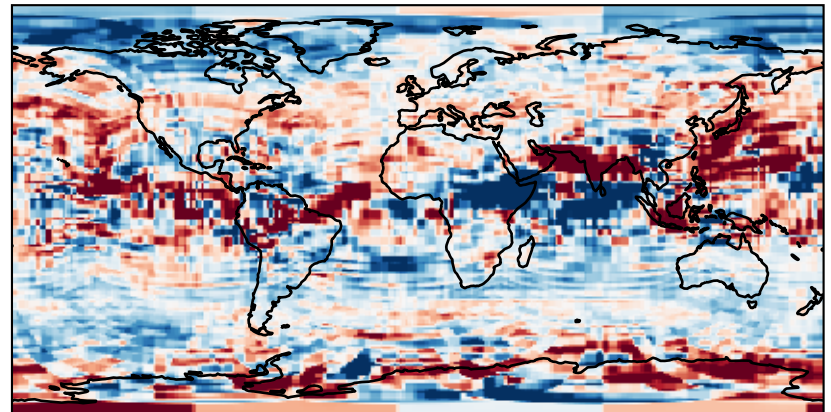
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

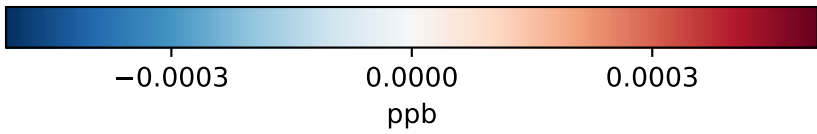
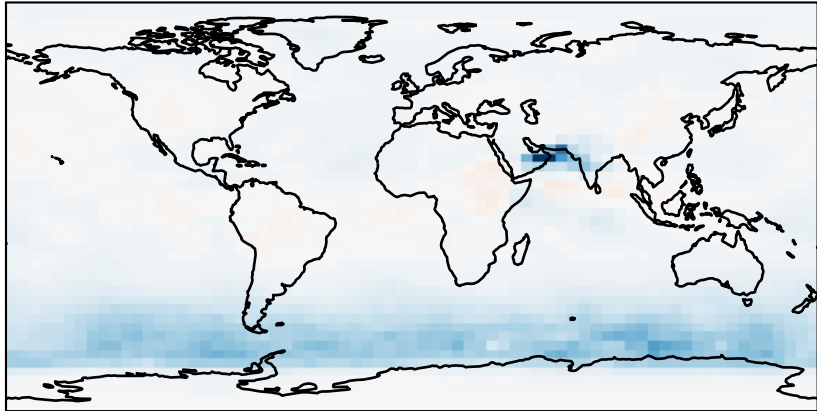


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

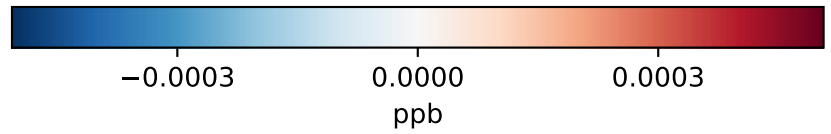
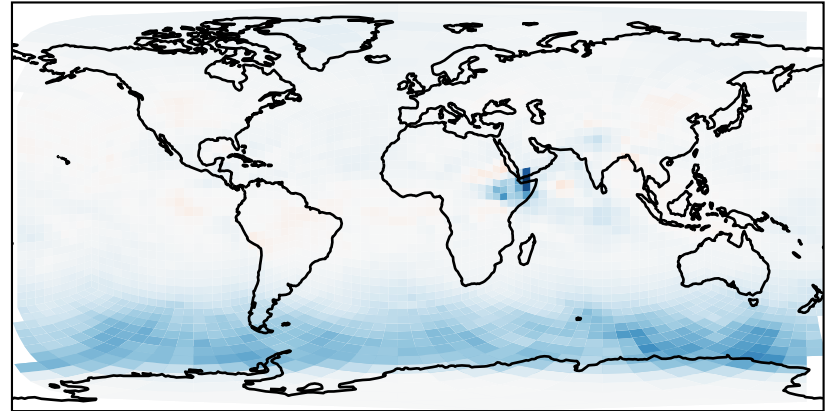


# SpeciesConcVV\_BrO

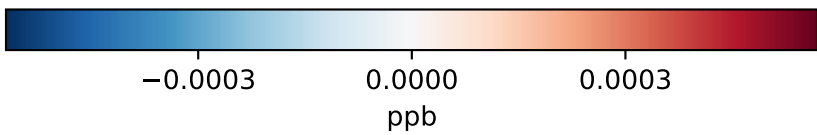
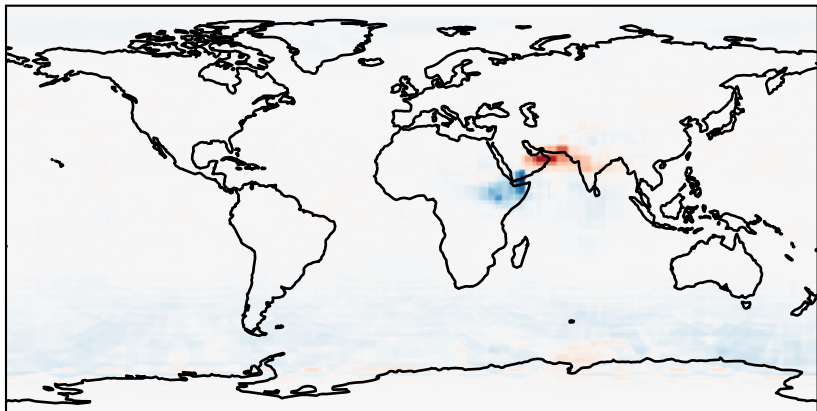
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



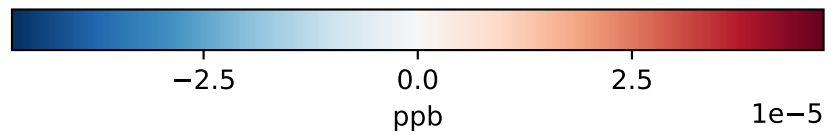
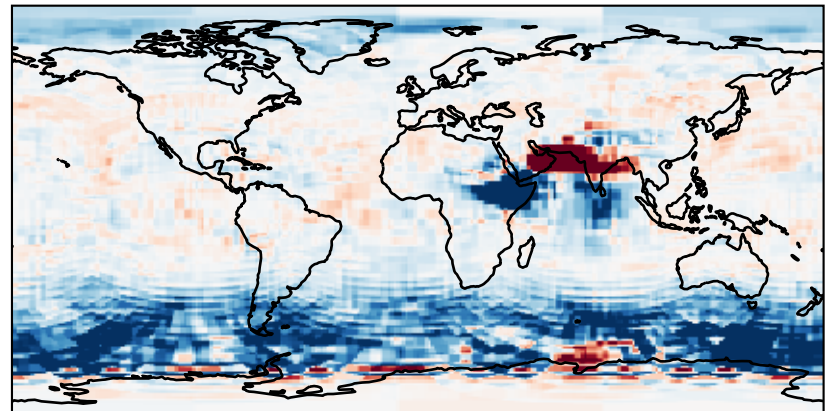
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



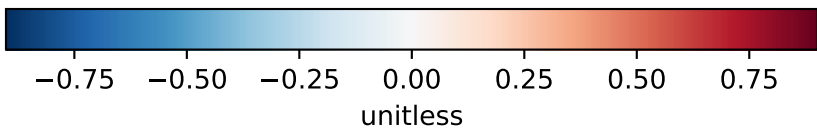
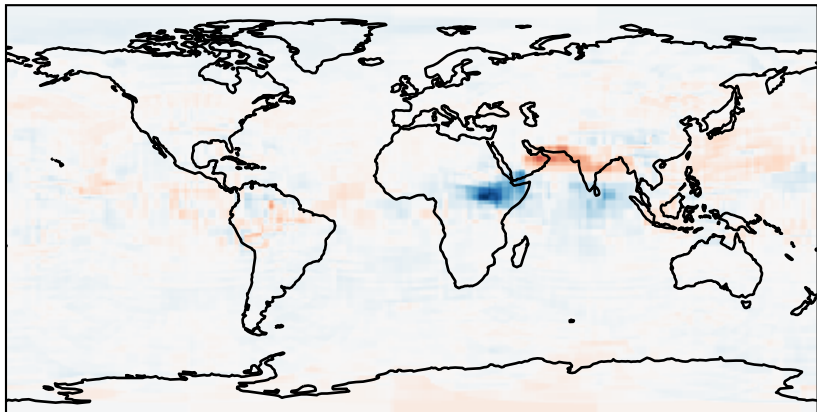
Difference (1x1.25)  
Dev - Ref, Dynamic Range



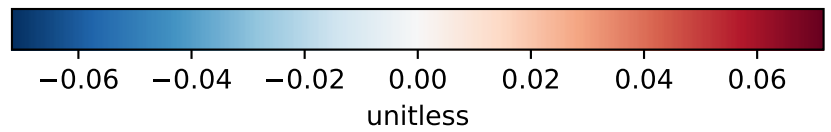
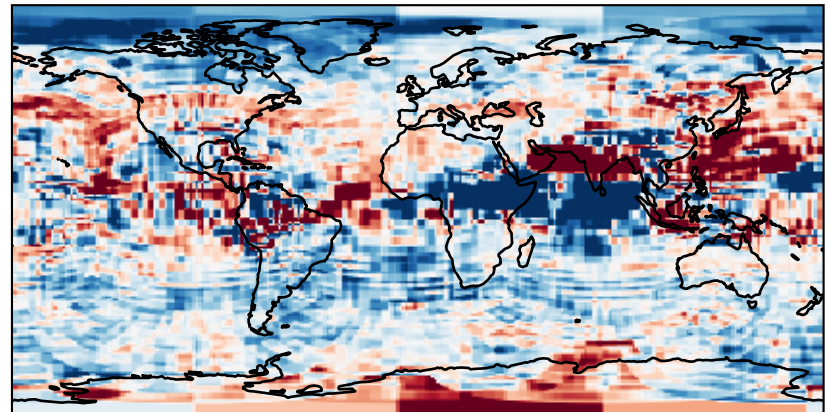
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



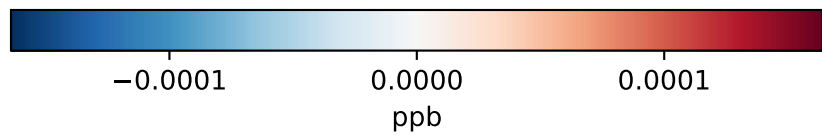
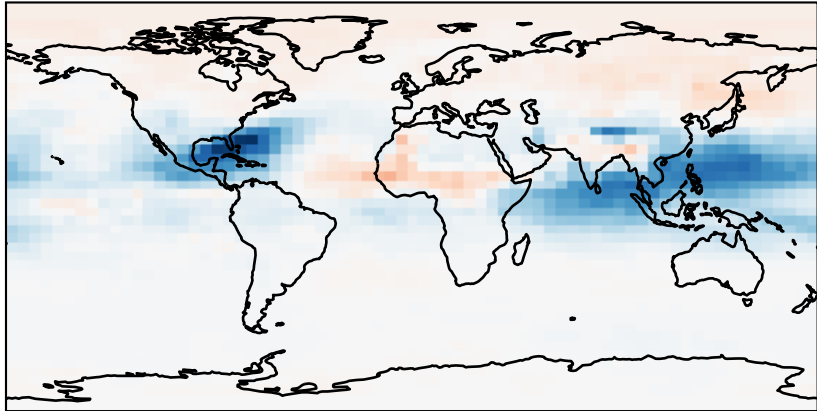
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



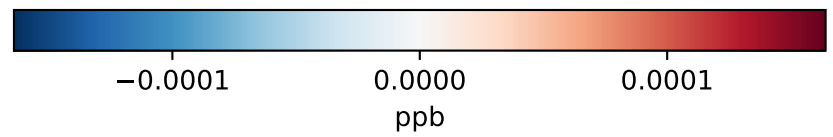
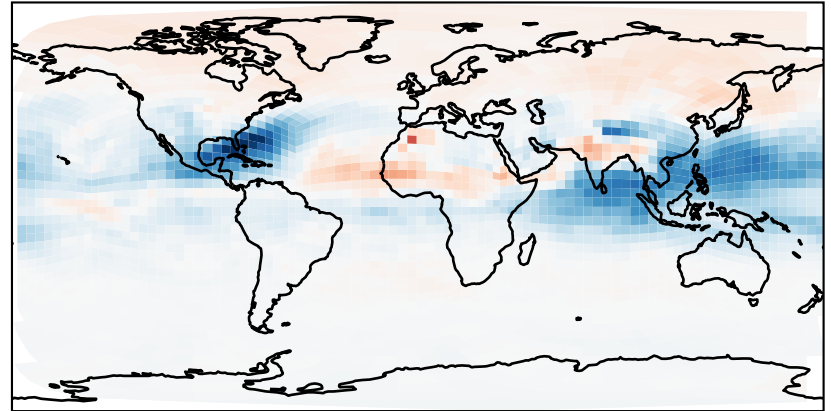


# SpeciesConcVW\_CH3Br

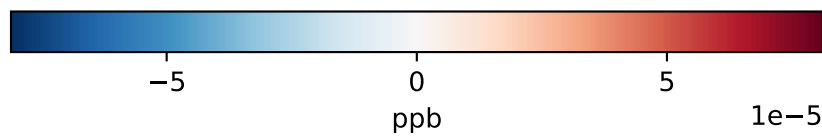
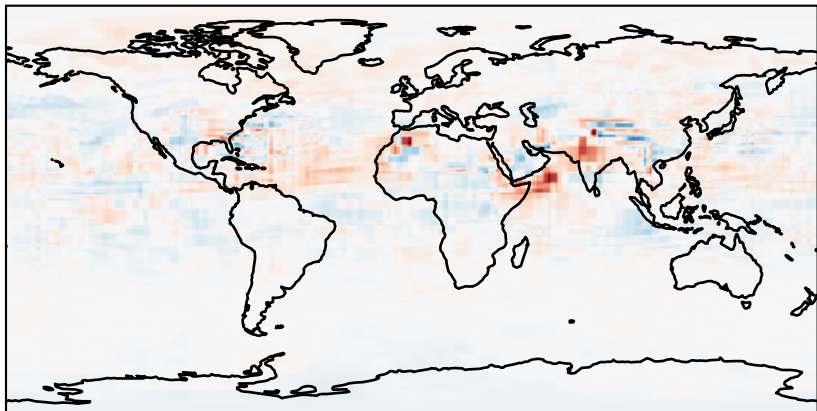
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



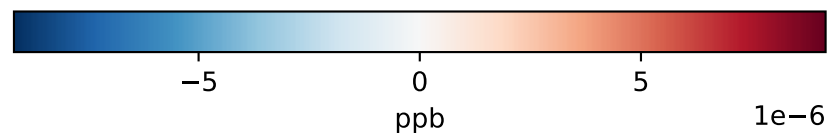
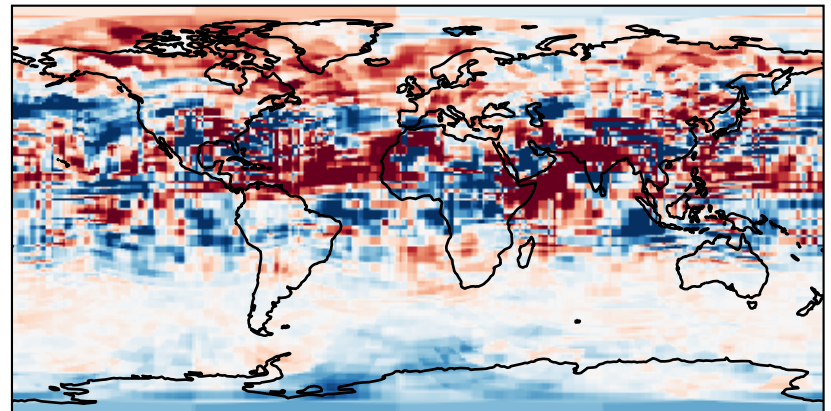
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



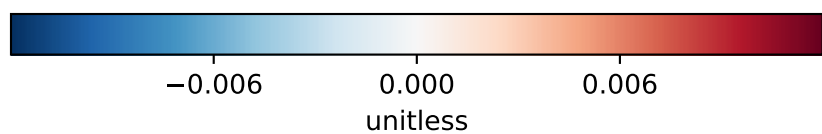
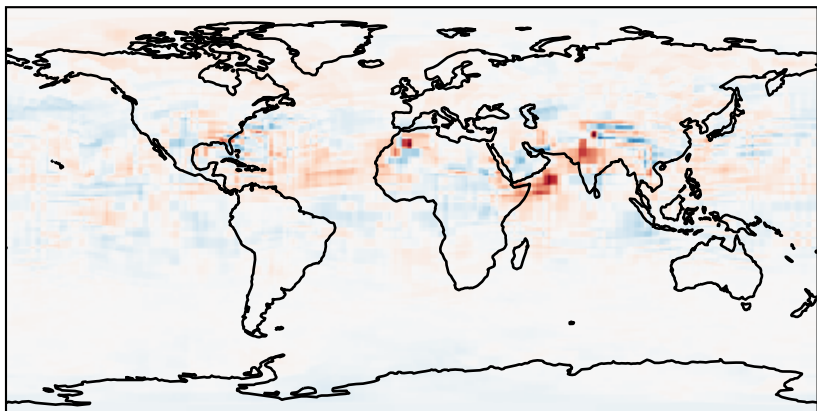
Difference (1x1.25)  
Dev - Ref, Dynamic Range



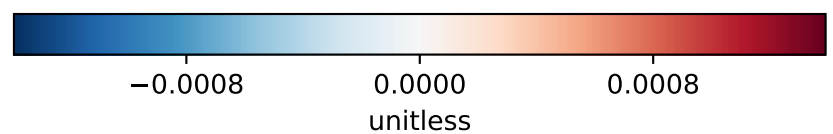
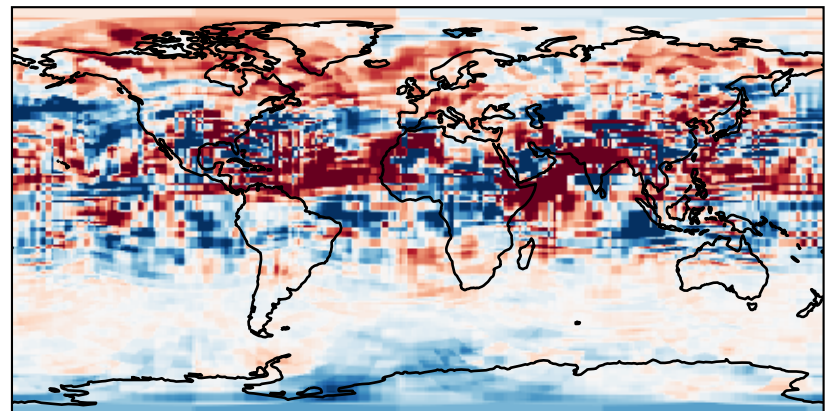
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

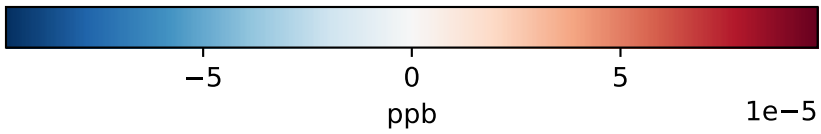
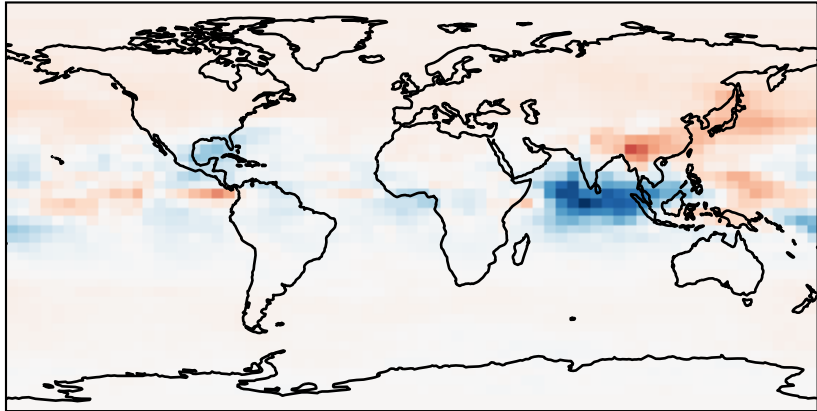


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

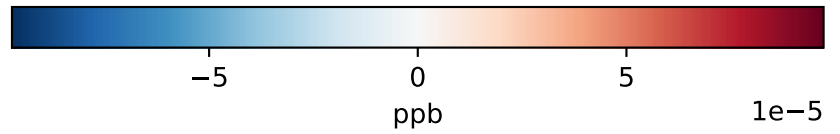
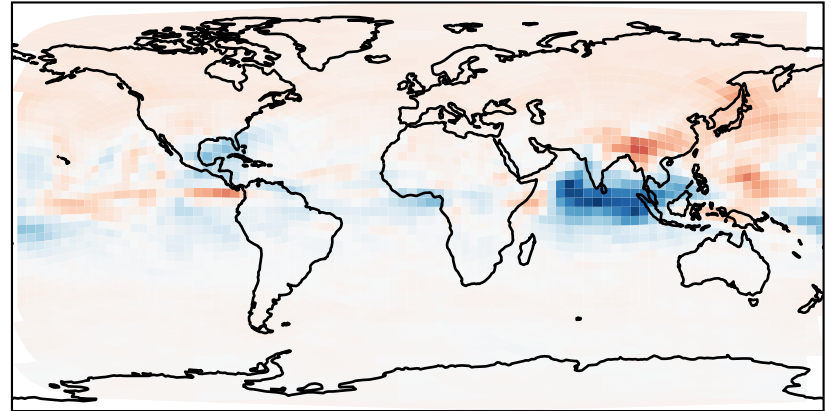


# SpeciesConcVV\_CH2Br2

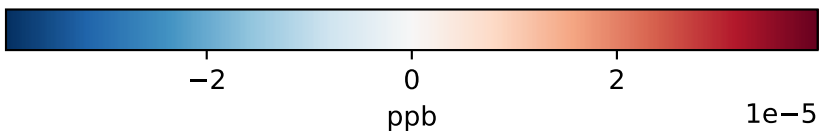
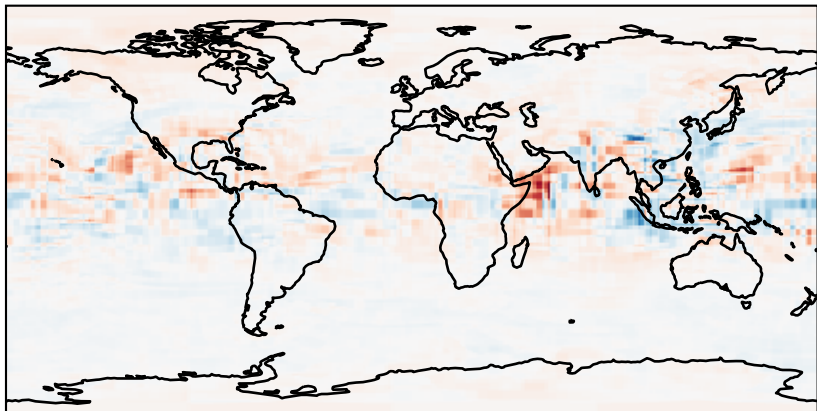
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



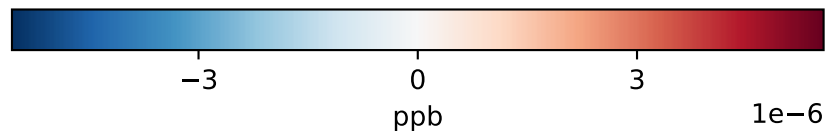
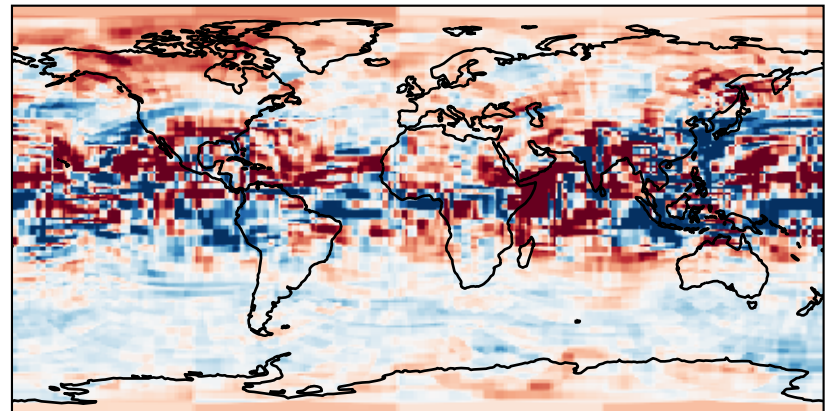
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



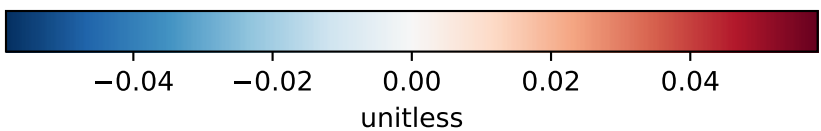
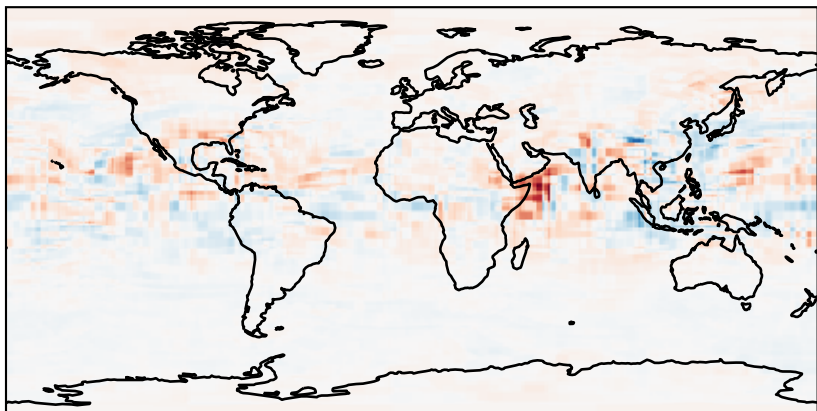
Difference (1x1.25)  
Dev - Ref, Dynamic Range



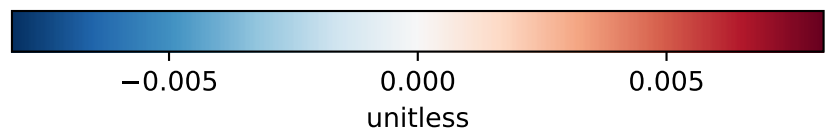
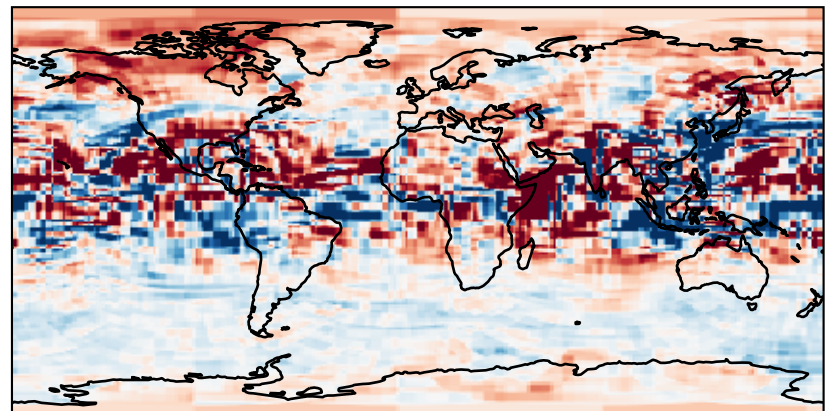
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



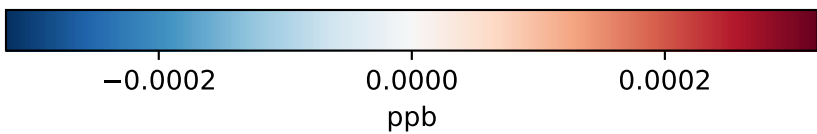
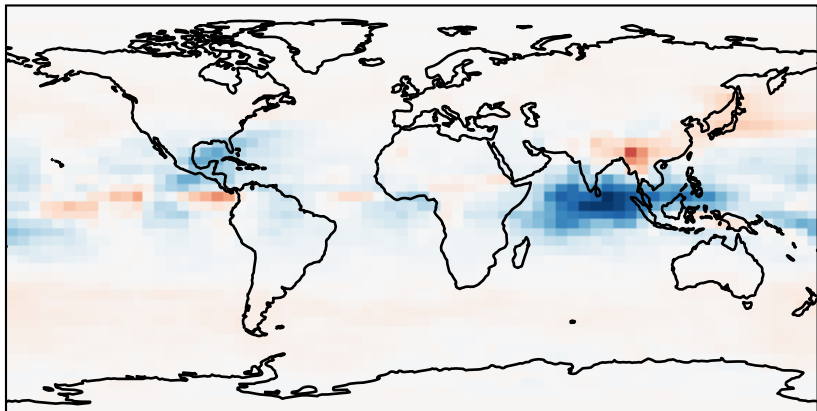
Difference (1x1.25), Restricted Range [5%,95%]  
 $\frac{GCHP\_dev}{GCHP\_ref} - \frac{GCC\_dev}{GCC\_ref}$



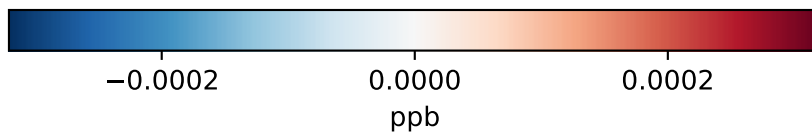
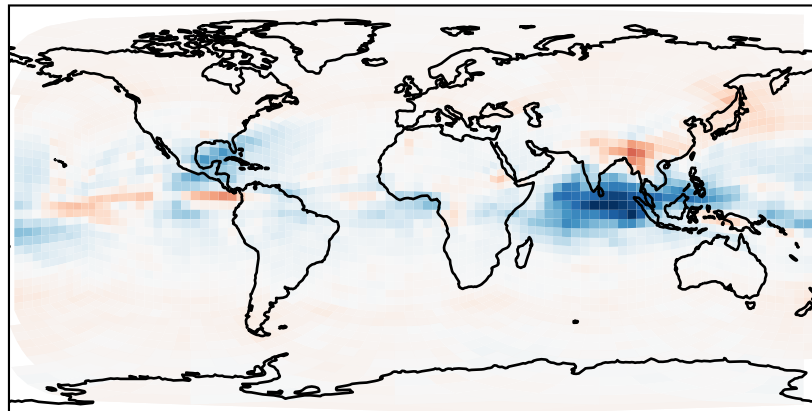


# SpeciesConcVV\_CHBr3

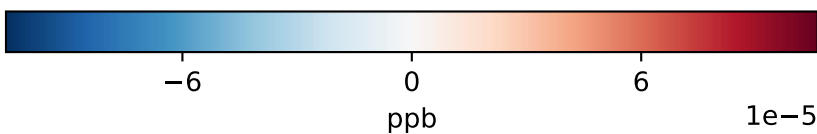
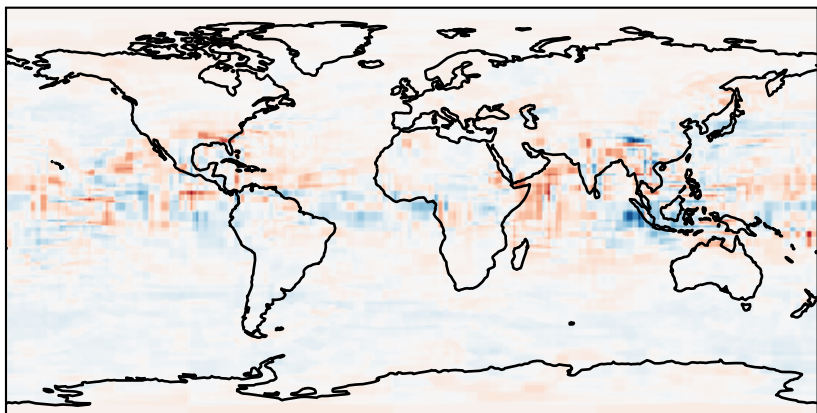
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



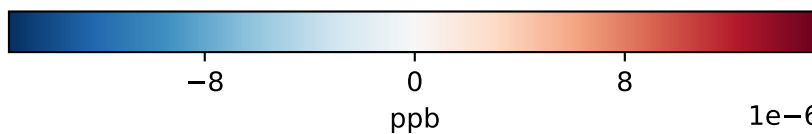
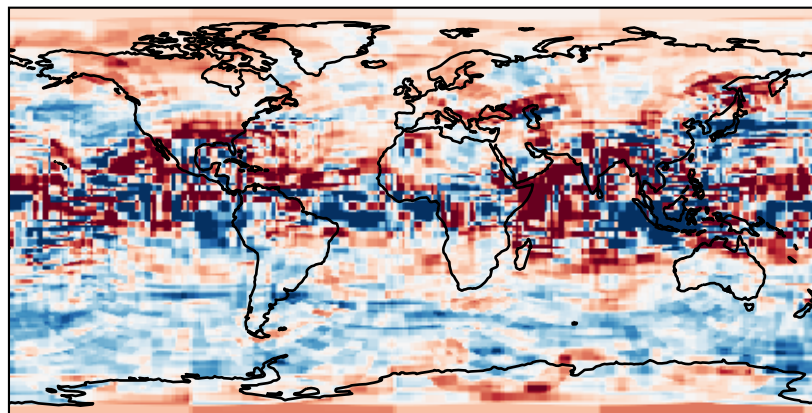
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



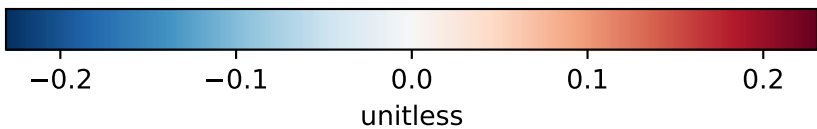
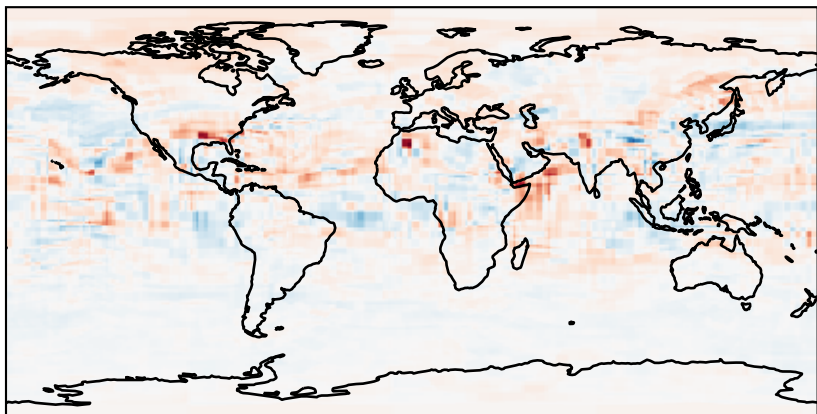
Difference (1x1.25)  
Dev - Ref, Dynamic Range



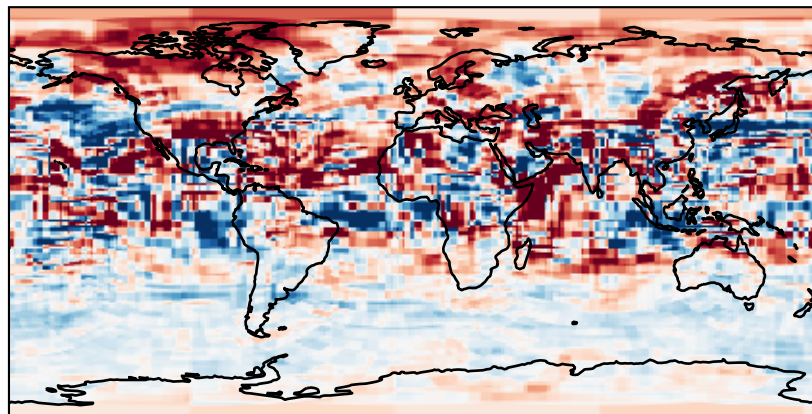
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

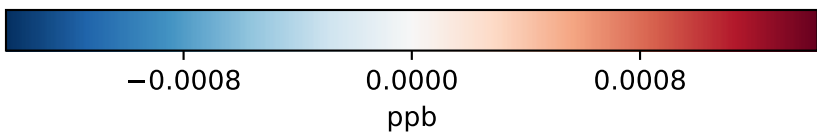
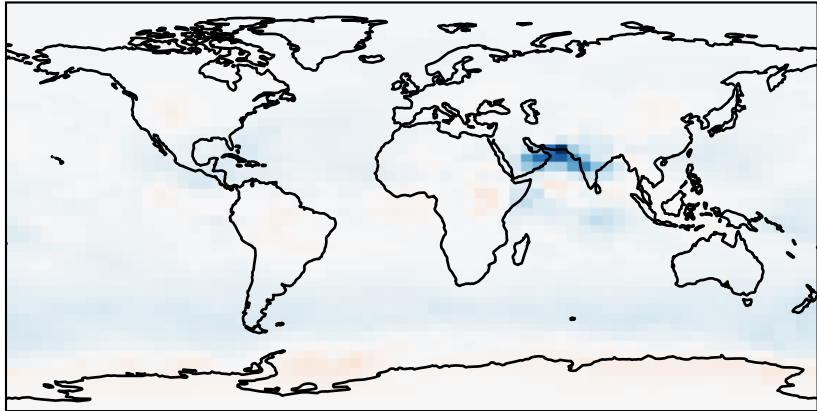


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

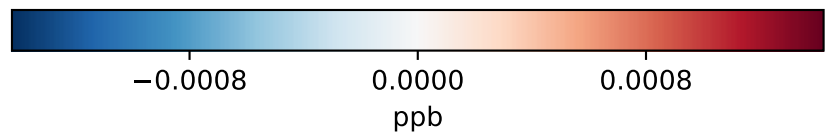
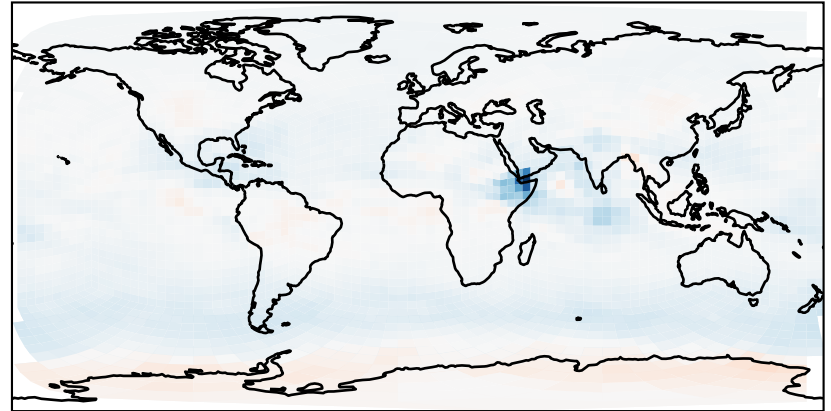


# SpeciesConcVV\_HOBr

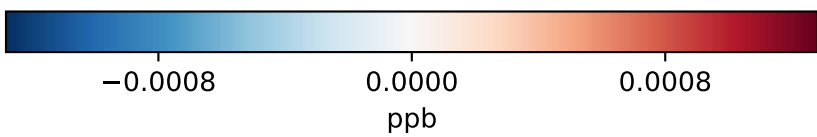
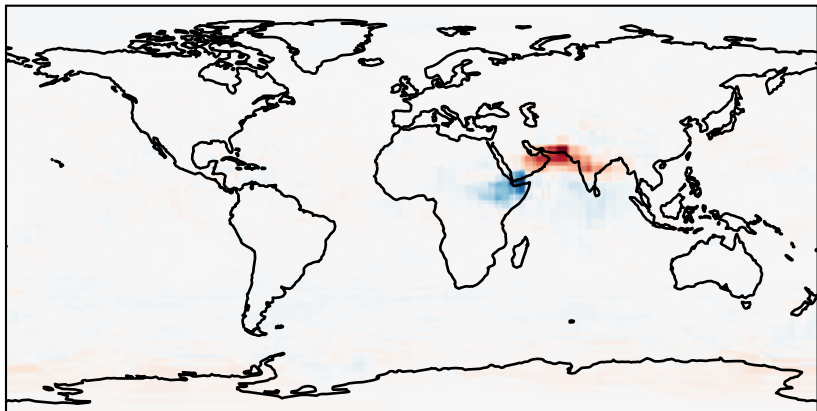
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



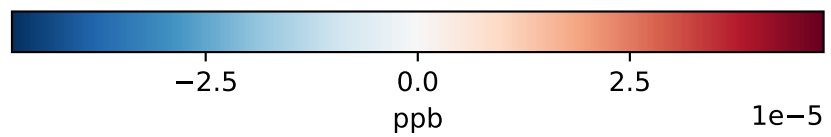
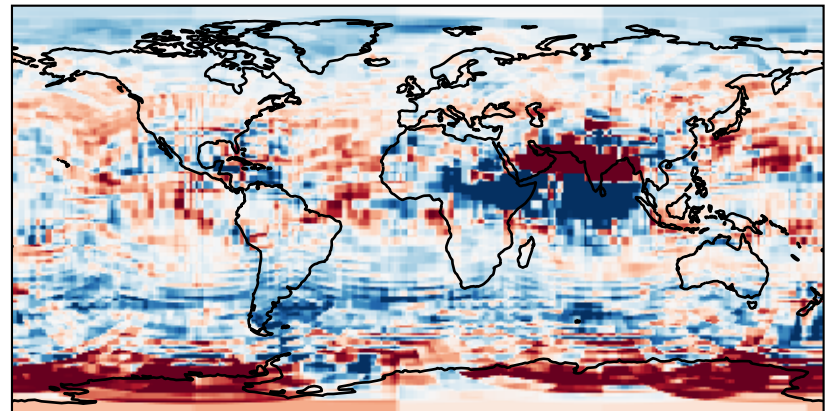
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



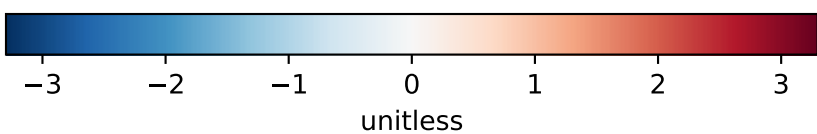
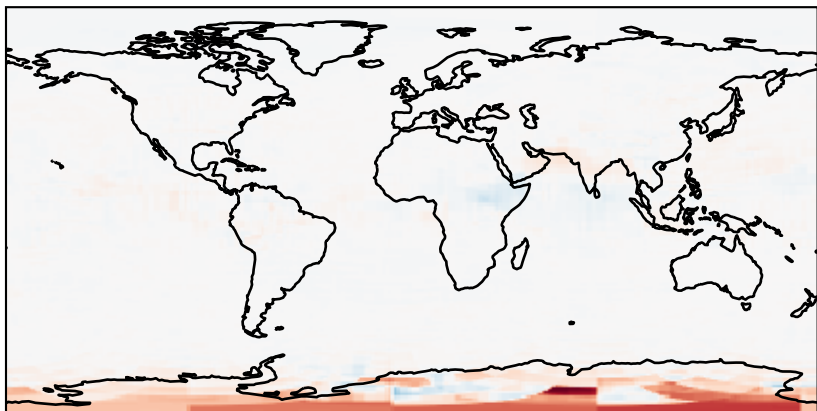
Difference (1x1.25)  
Dev - Ref, Dynamic Range



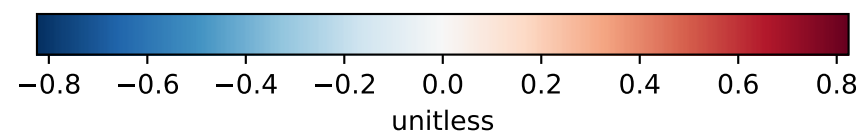
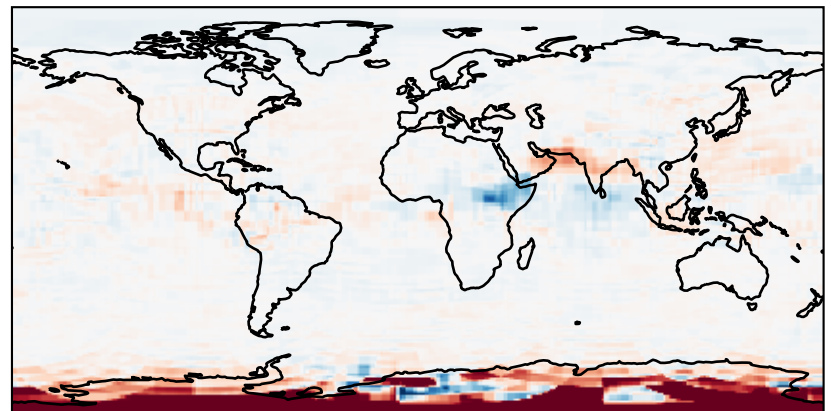
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



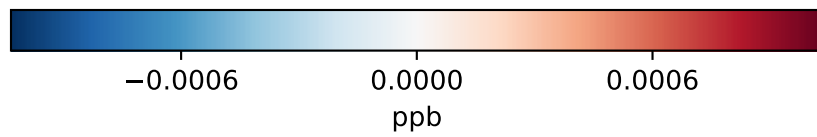
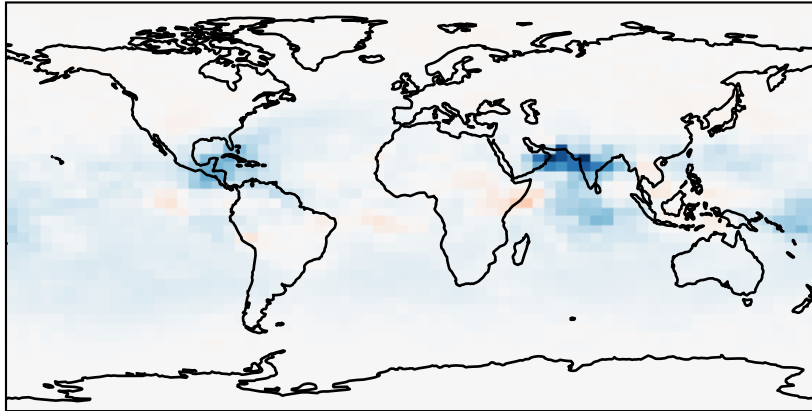
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



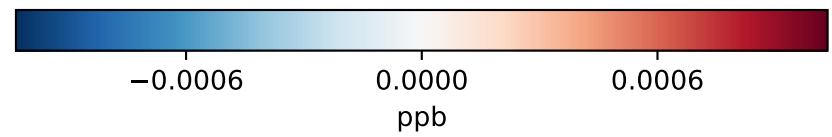
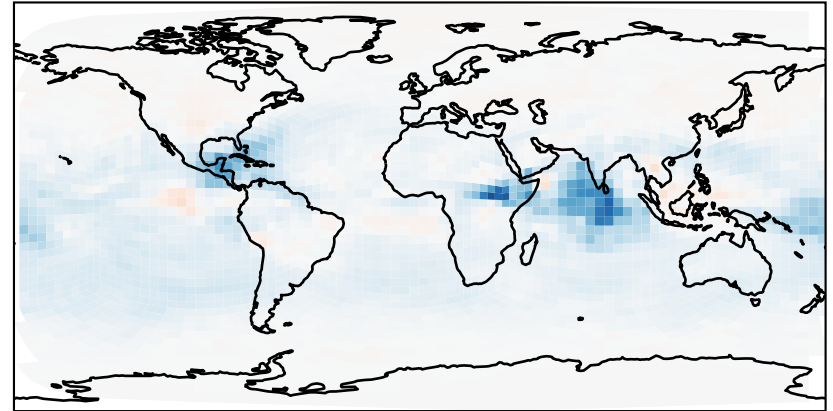


# SpeciesConcVW\_HBr

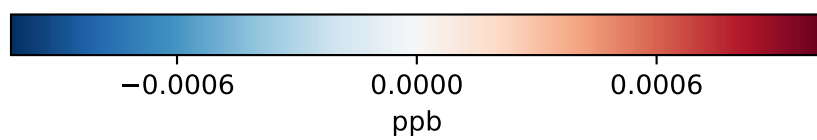
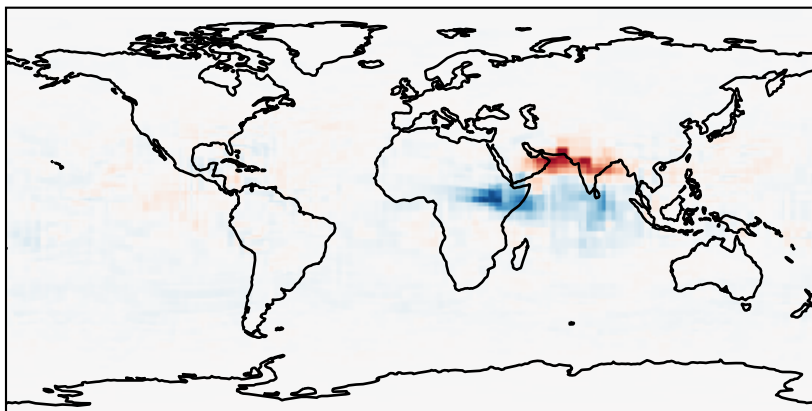
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



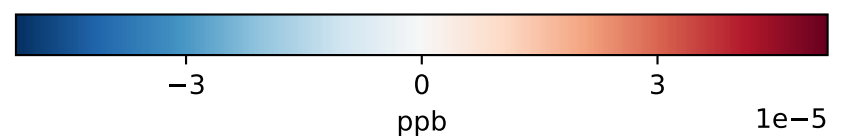
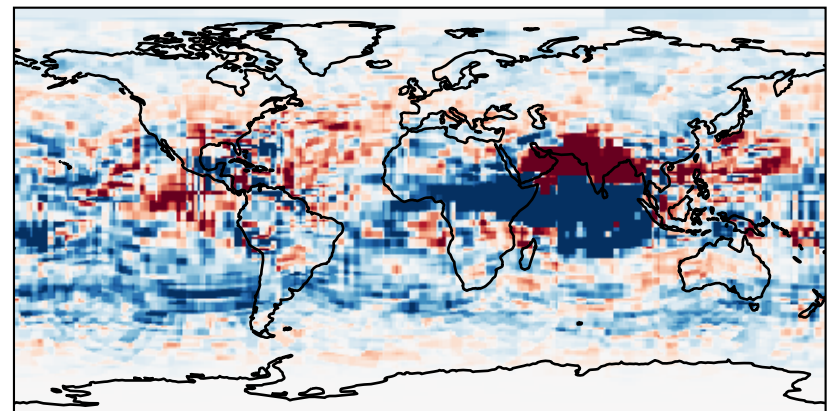
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



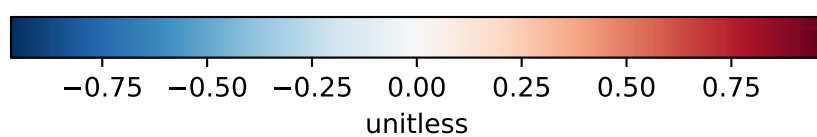
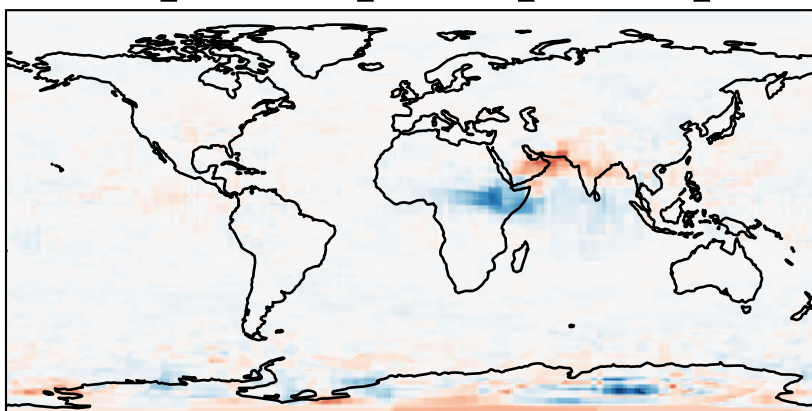
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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

