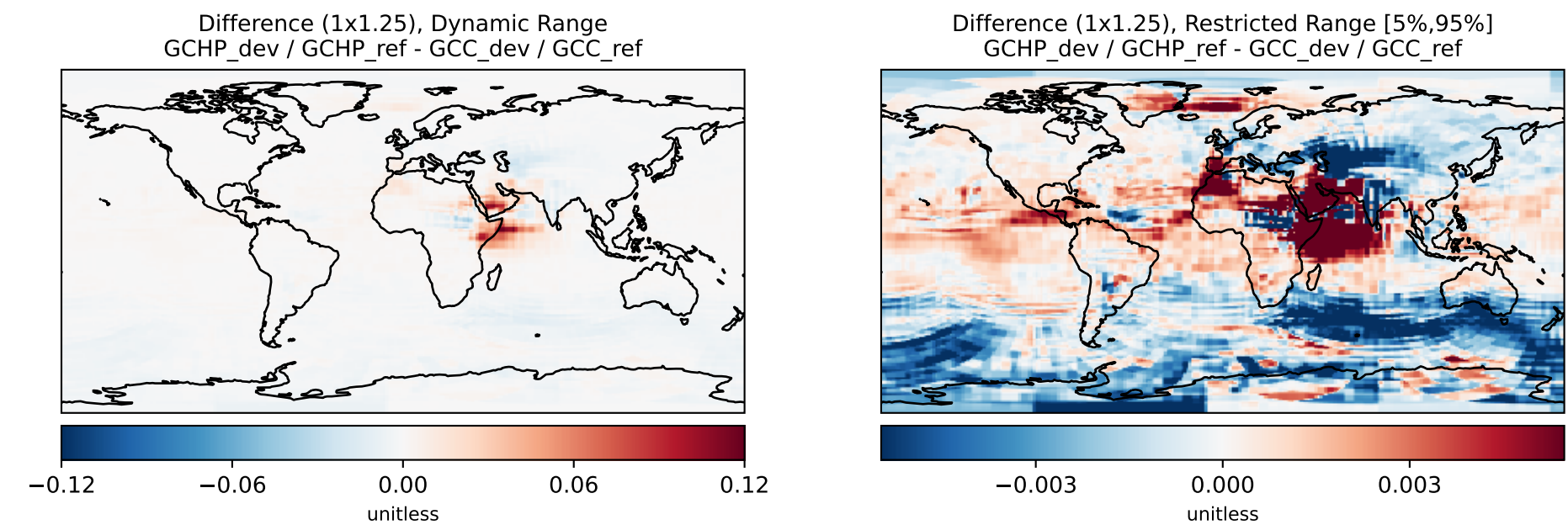
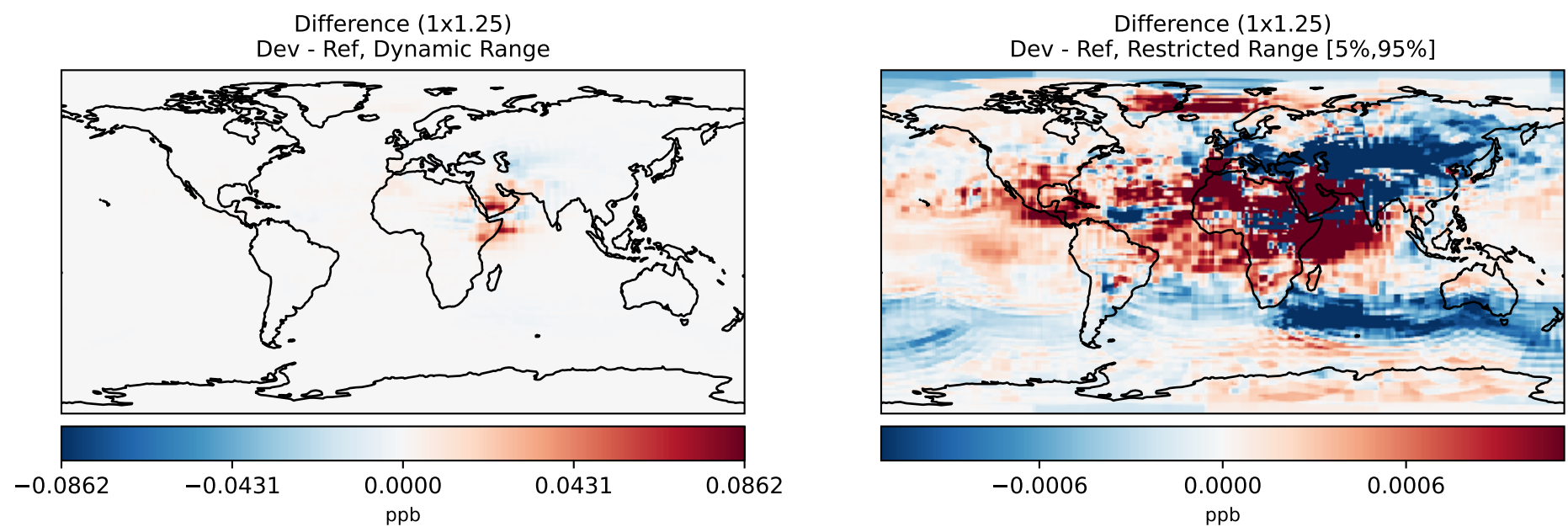
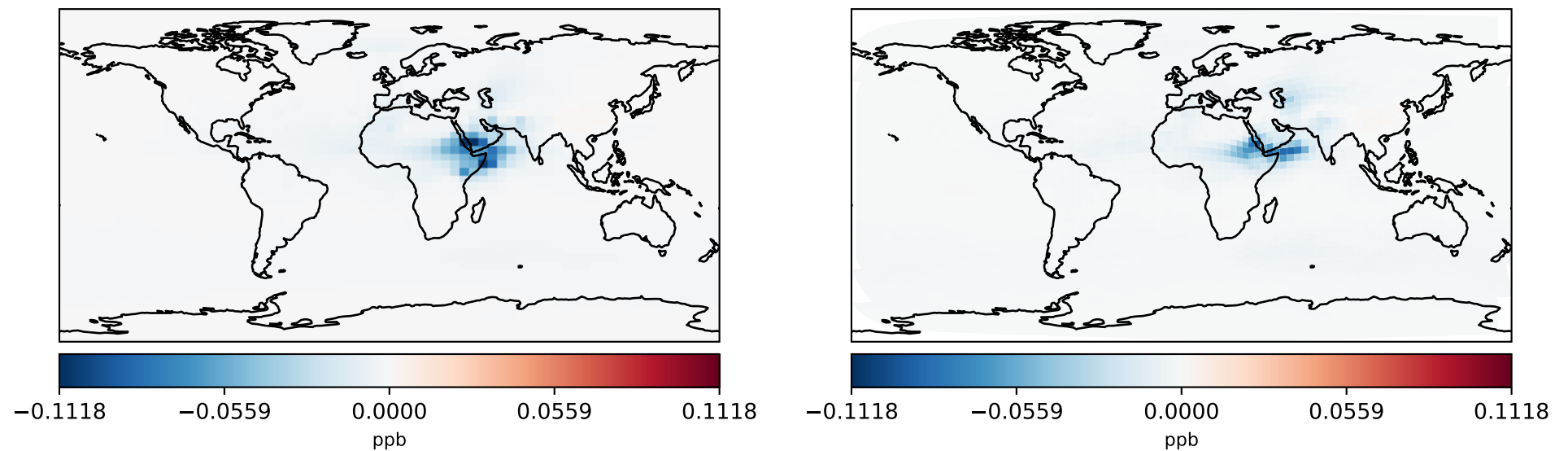


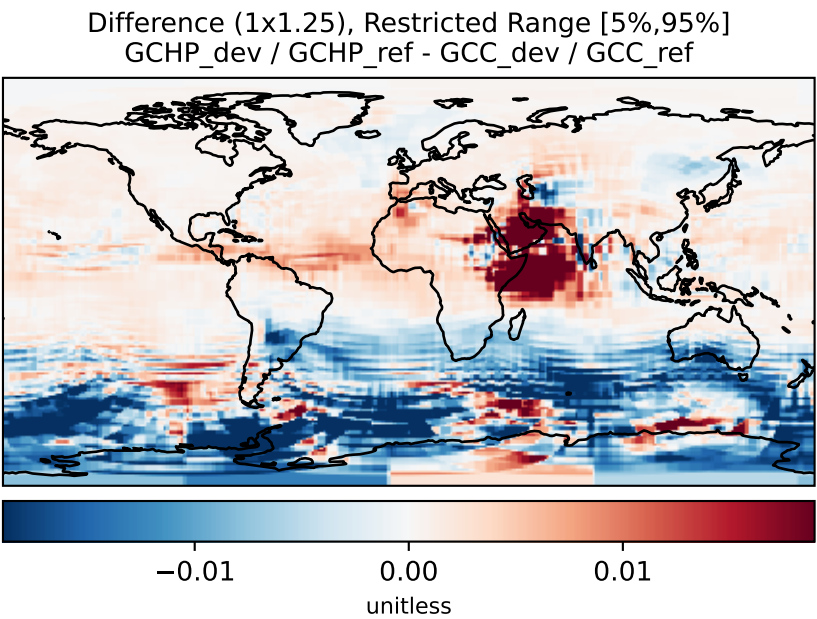
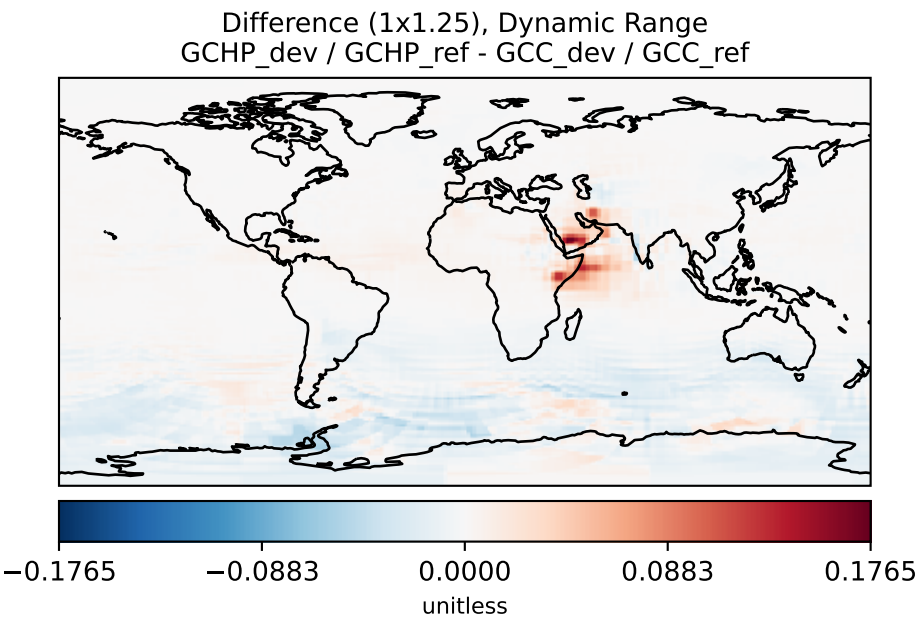
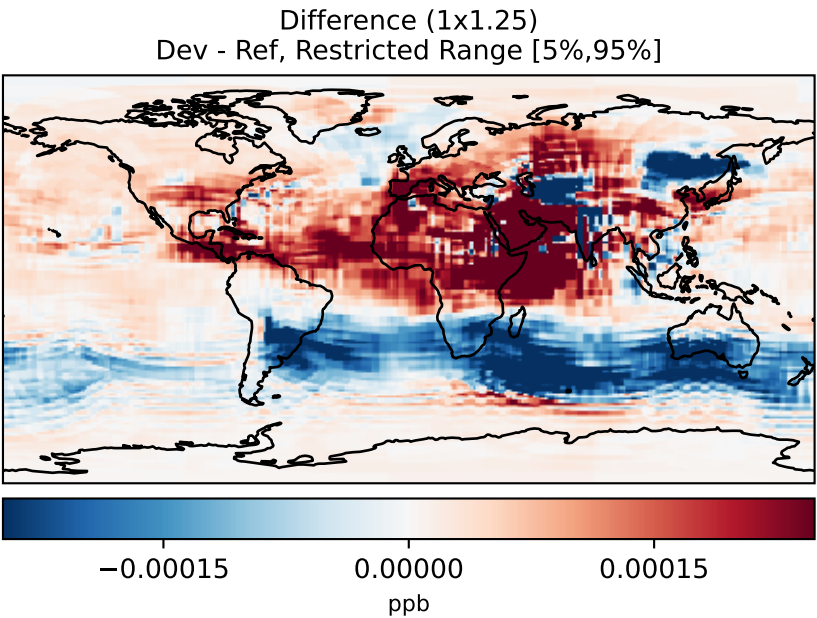
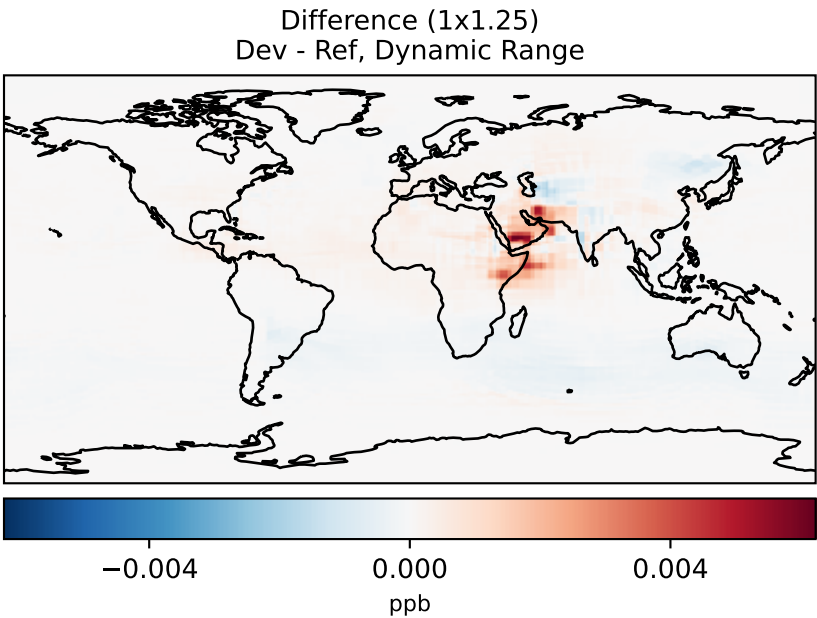
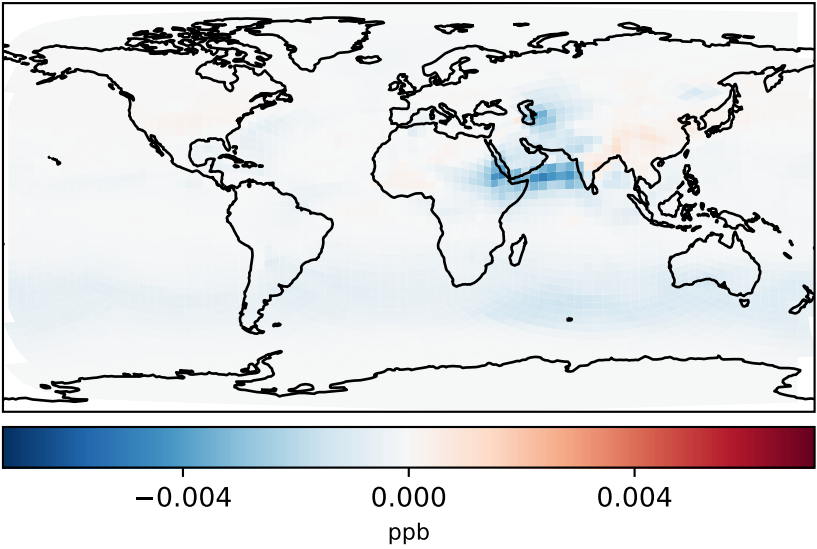
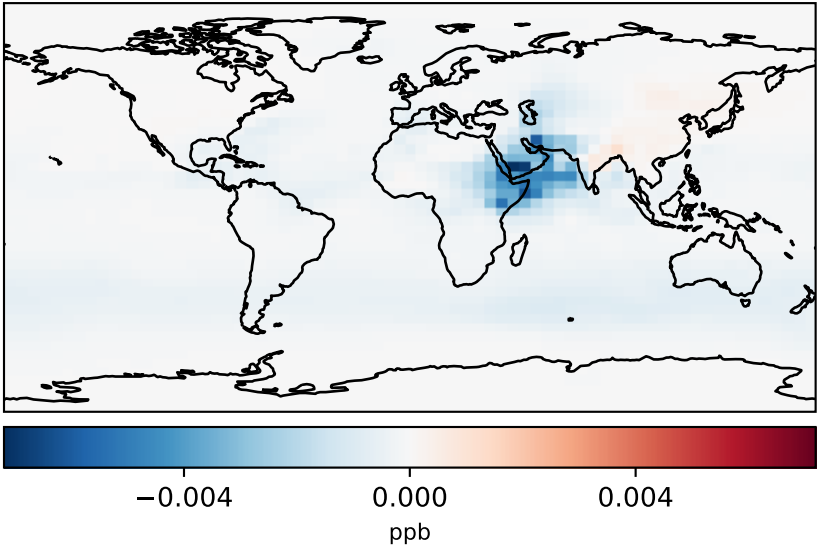
SpeciesConcVV_NOy

gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24



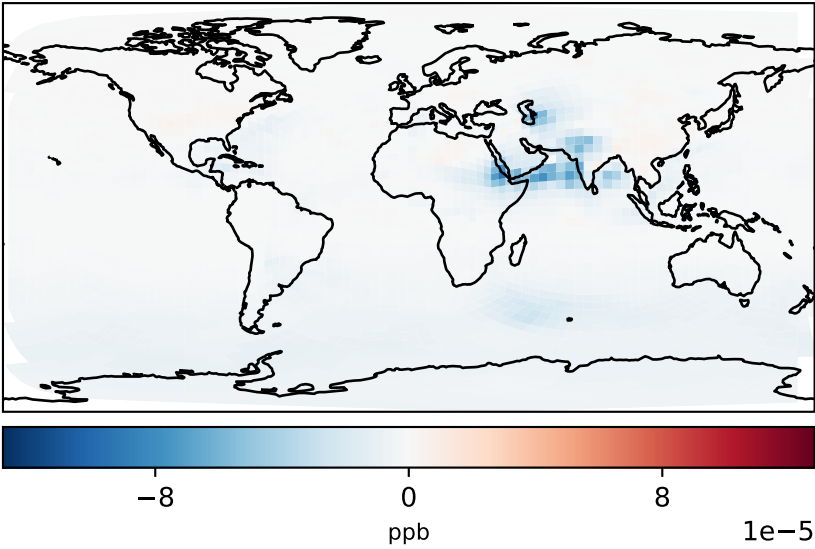
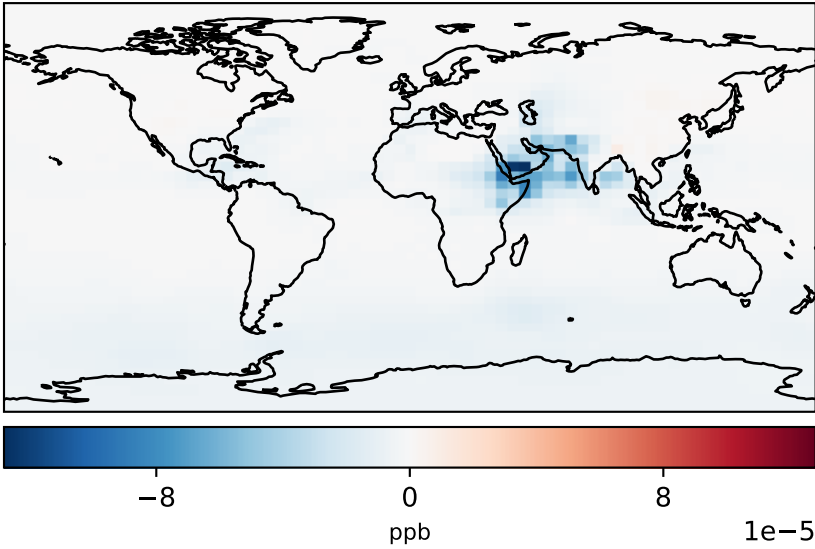
SpeciesConcVV_NOx

gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24

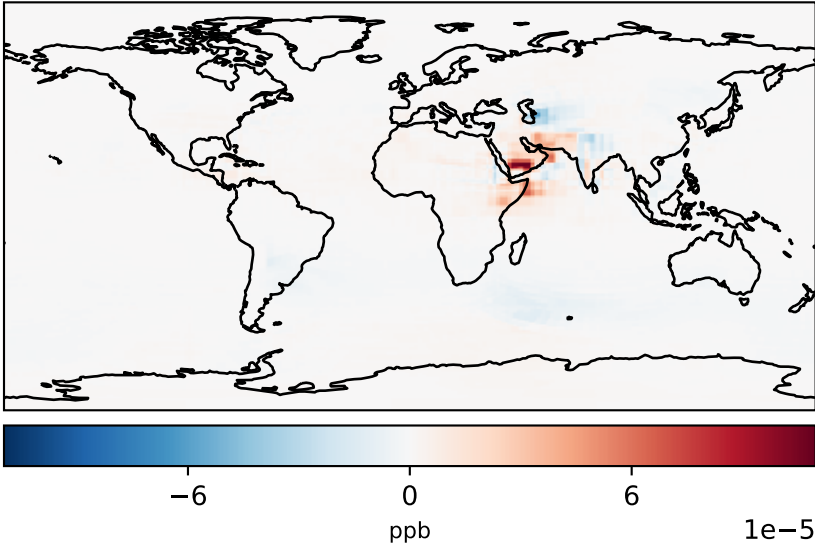


SpeciesConcVV_HNO2

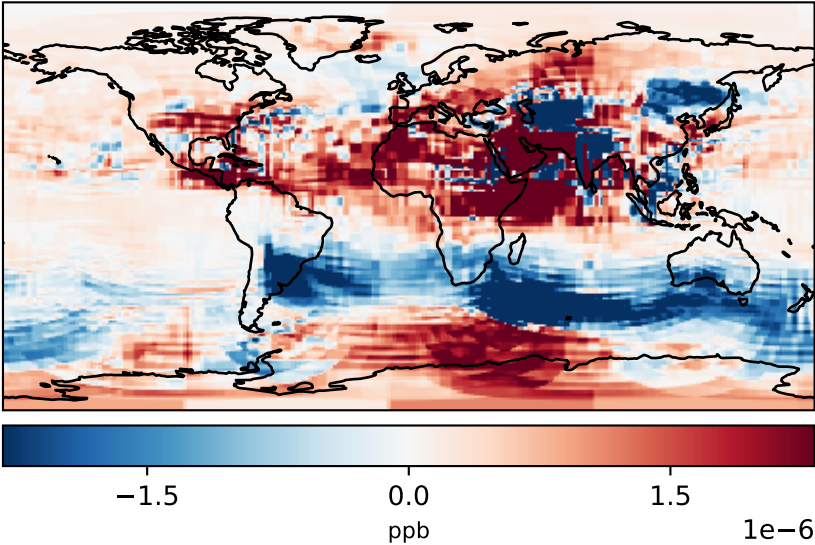
gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24



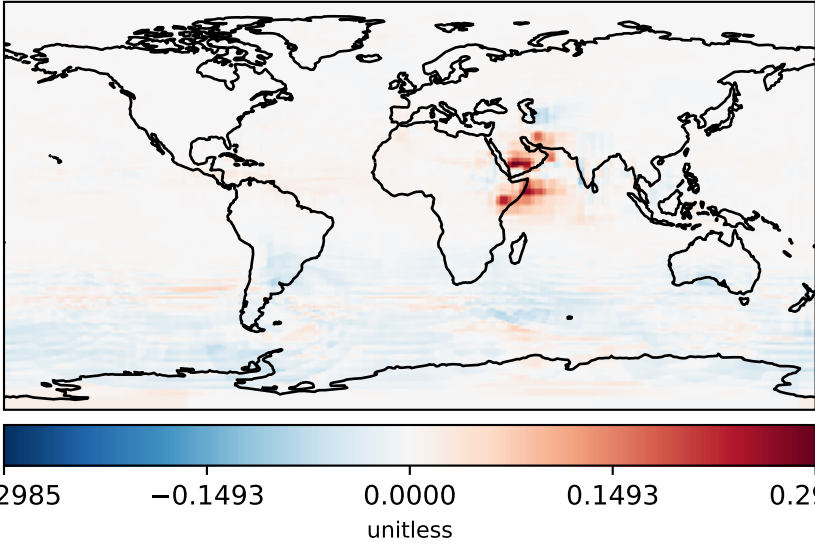
Difference (1x1.25)
Dev - Ref, Dynamic Range



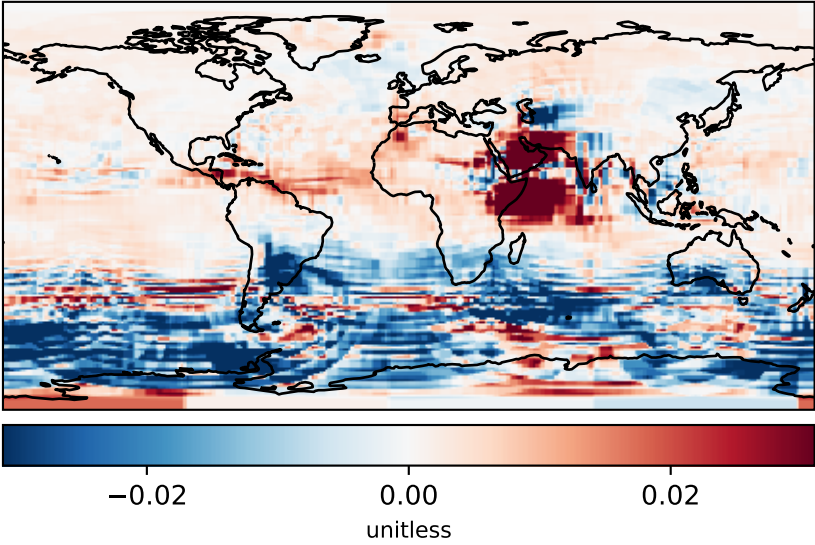
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

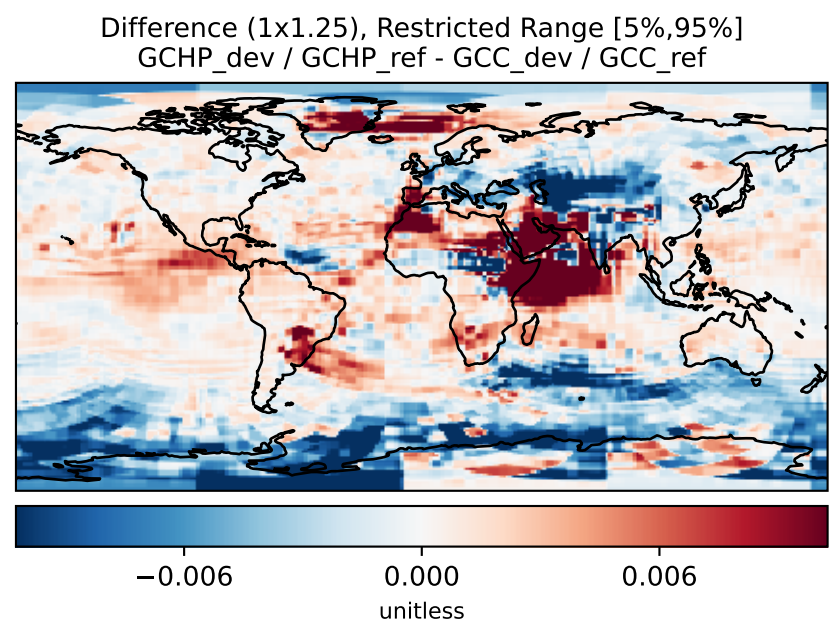
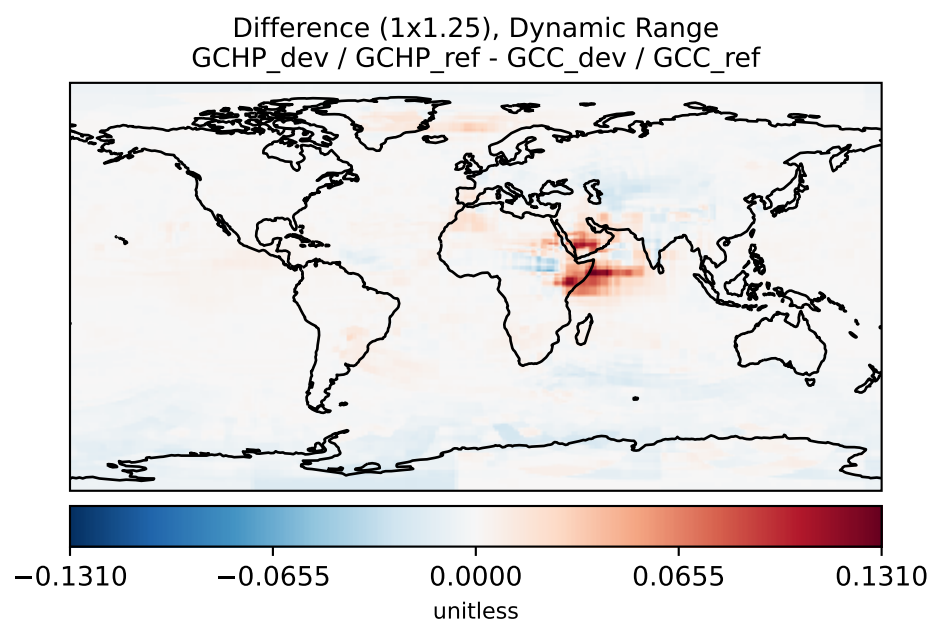
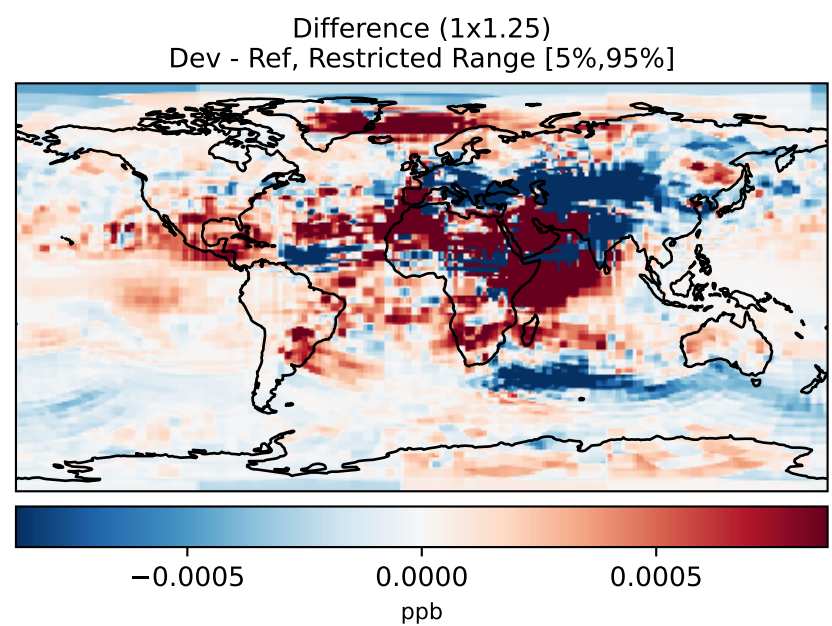
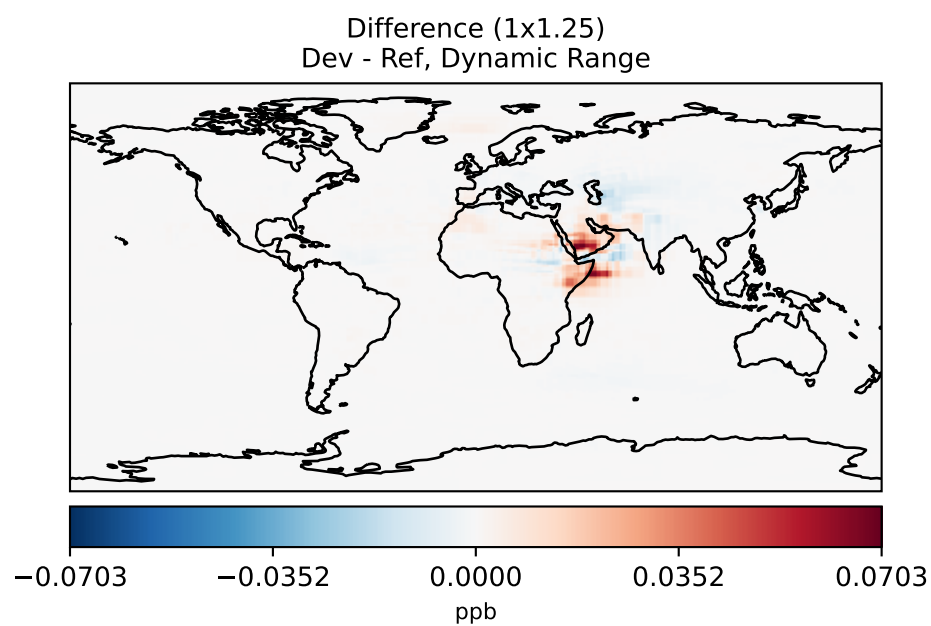
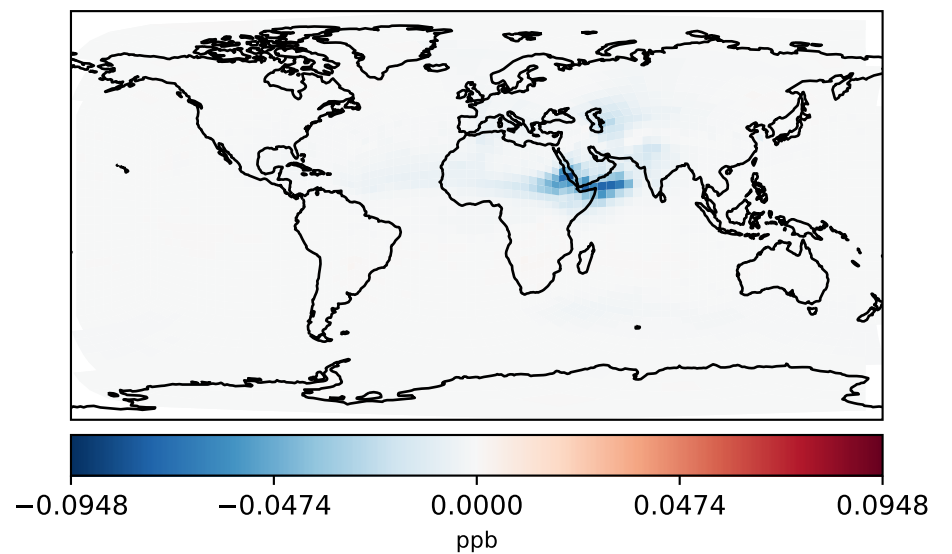
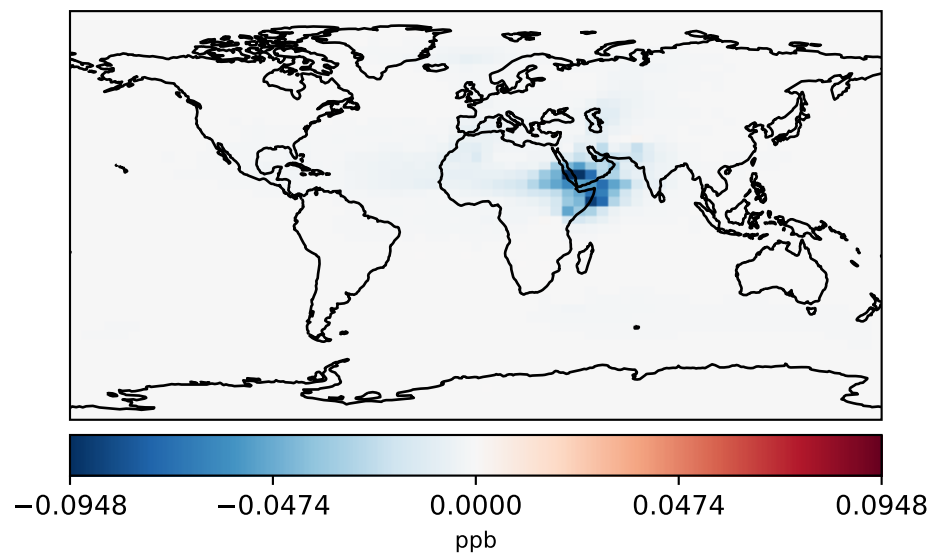


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



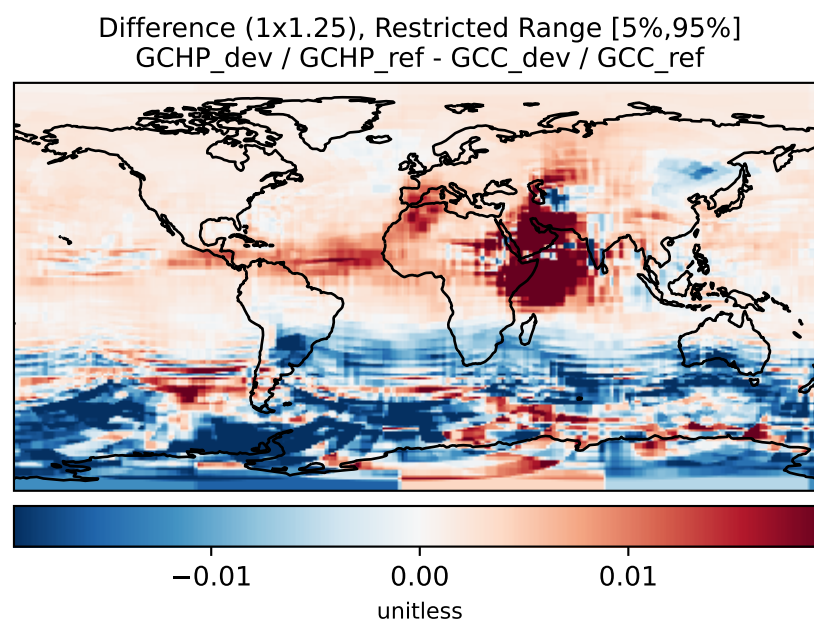
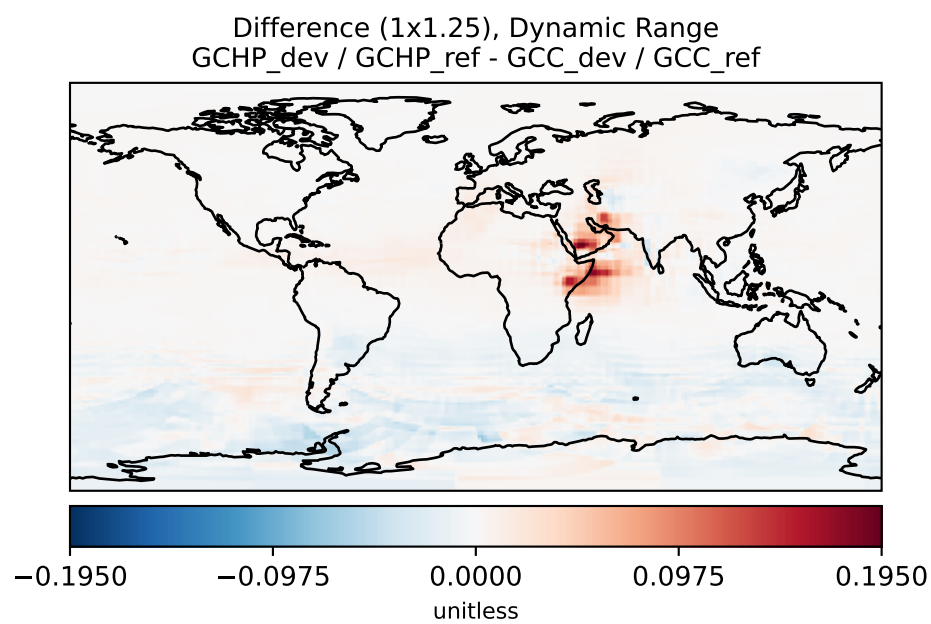
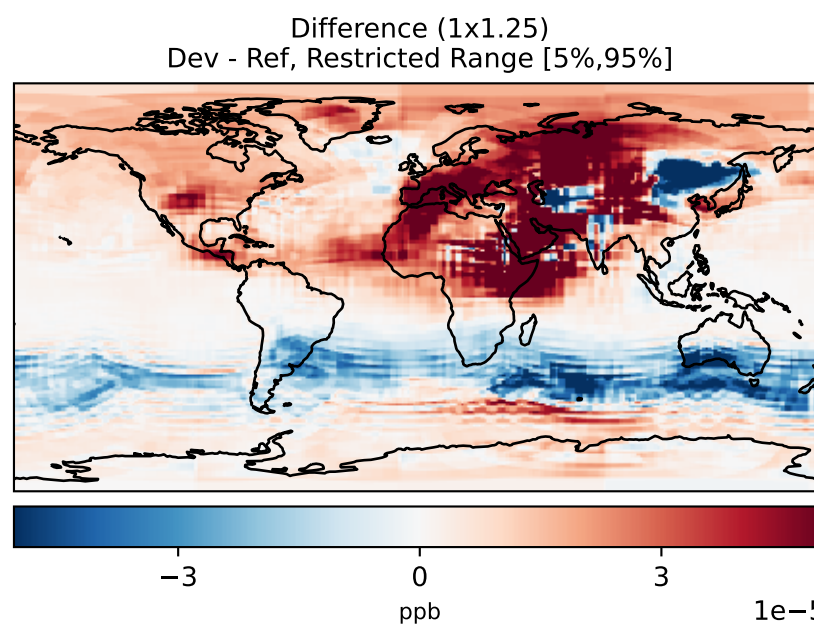
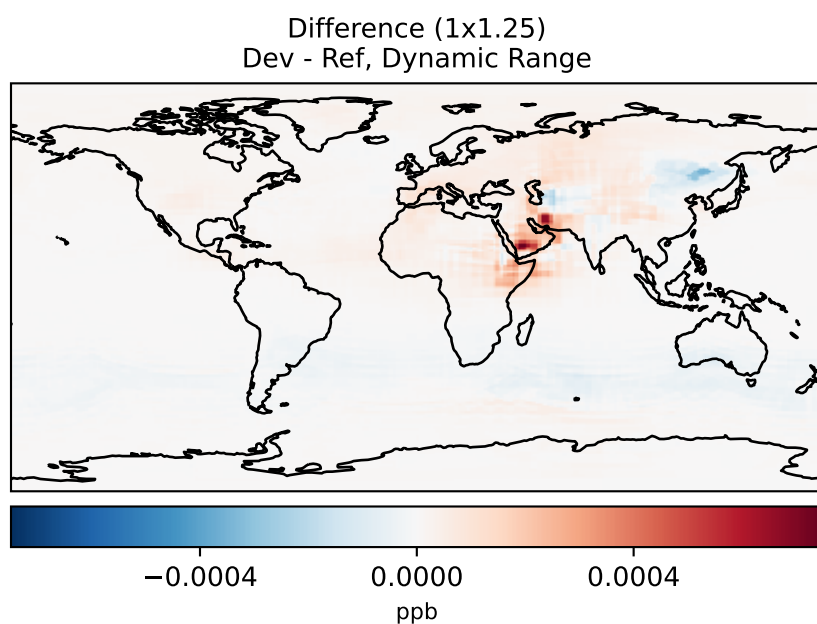
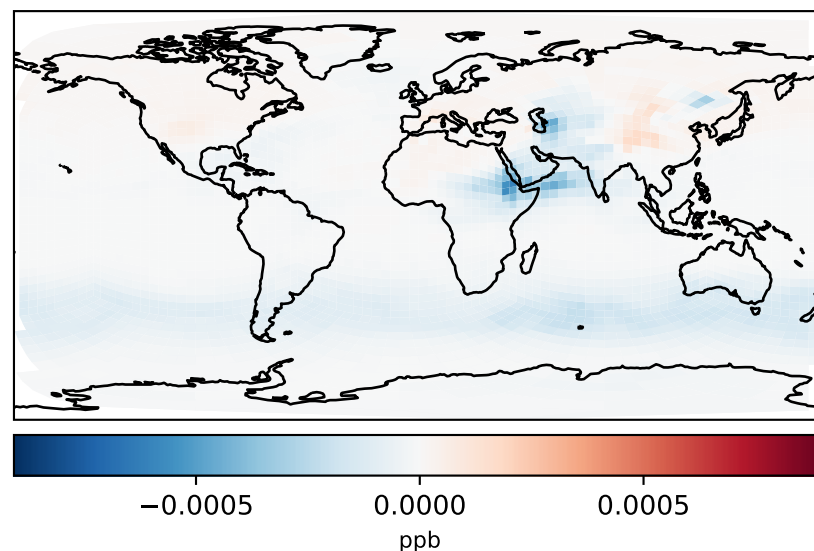
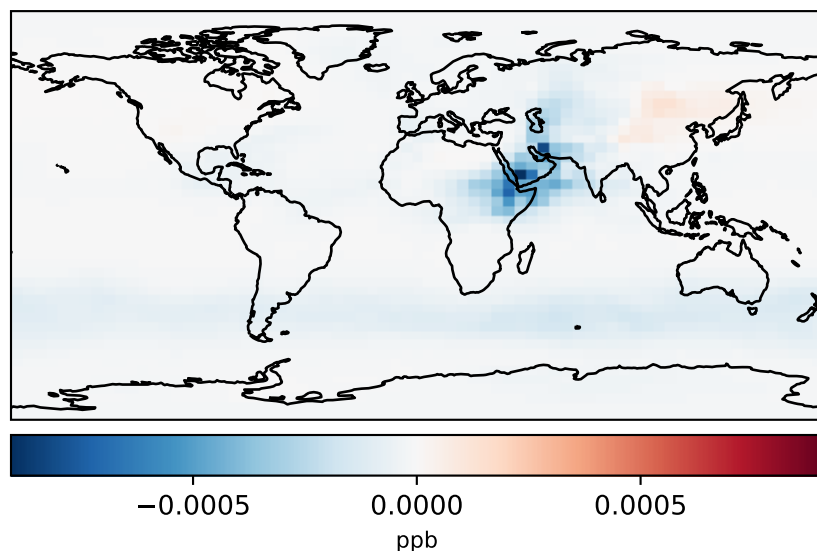
SpeciesConcVV_HNO3

gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24



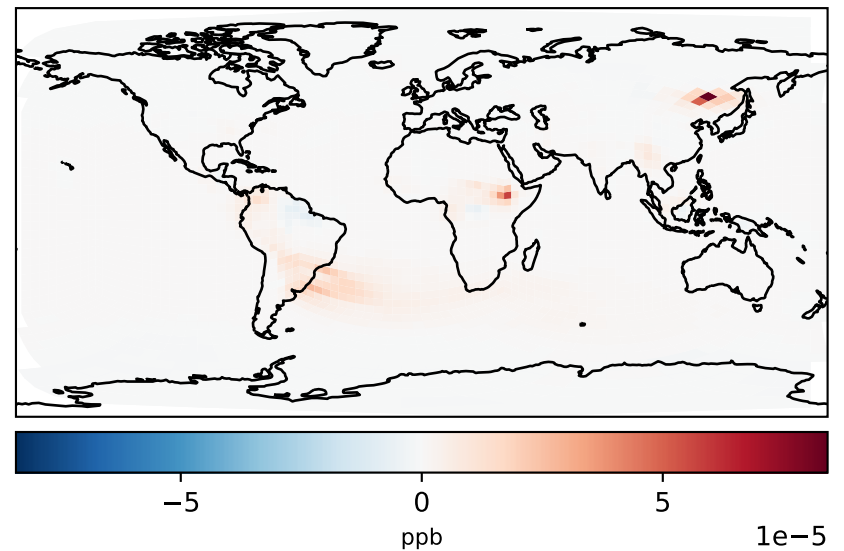
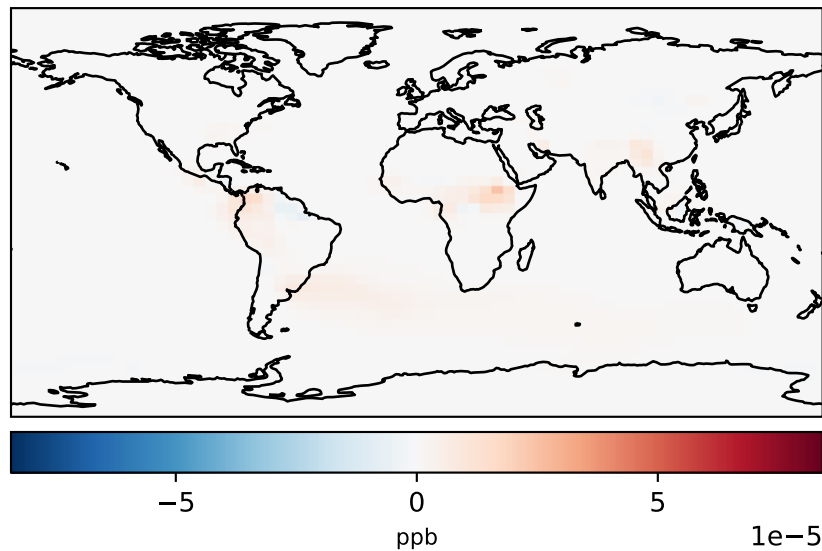
SpeciesConcVV_HNO4

gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24

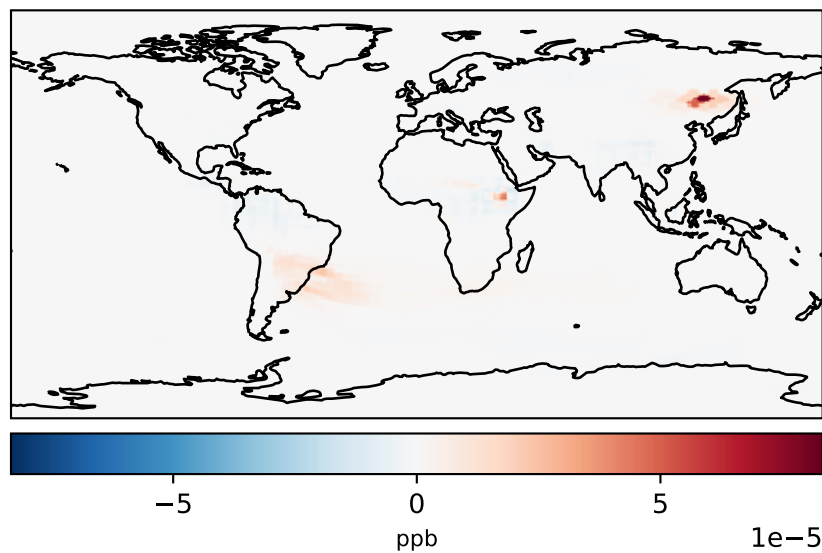


SpeciesConcVV_MPAN

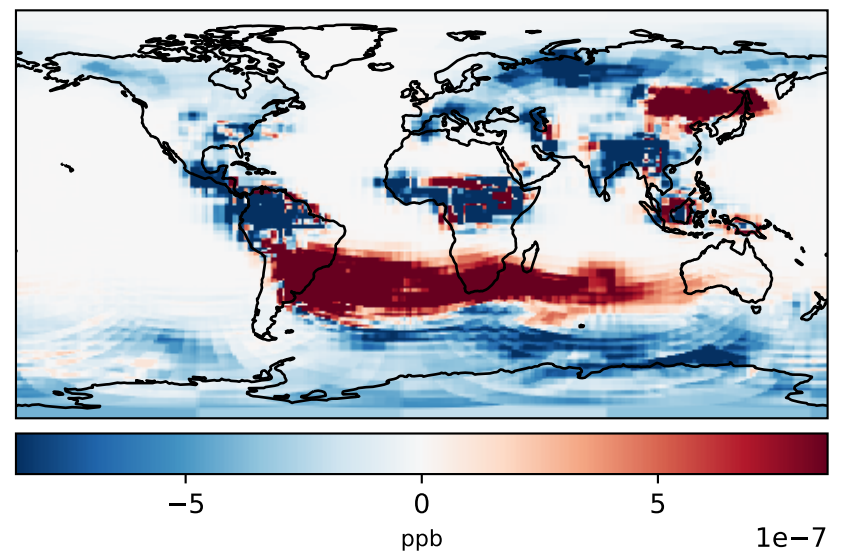
gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24



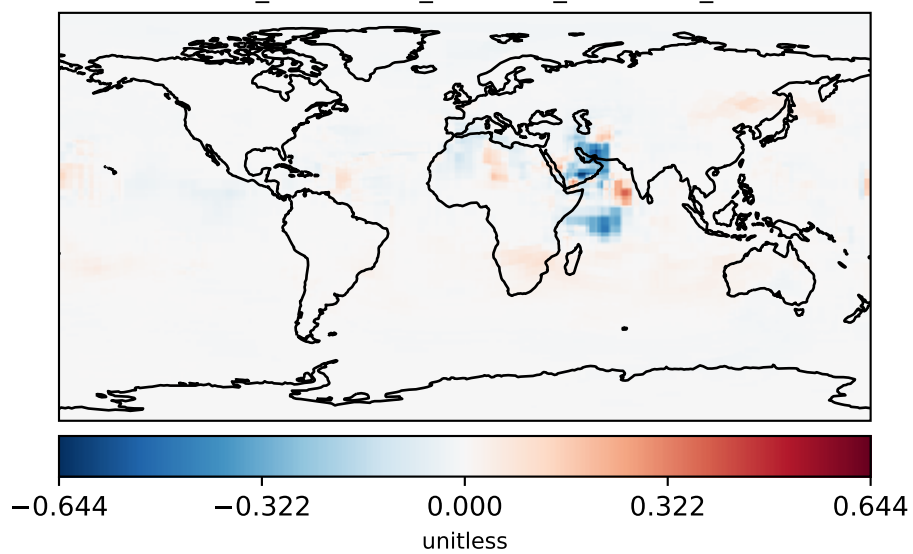
Difference (1x1.25)
Dev - Ref, Dynamic Range



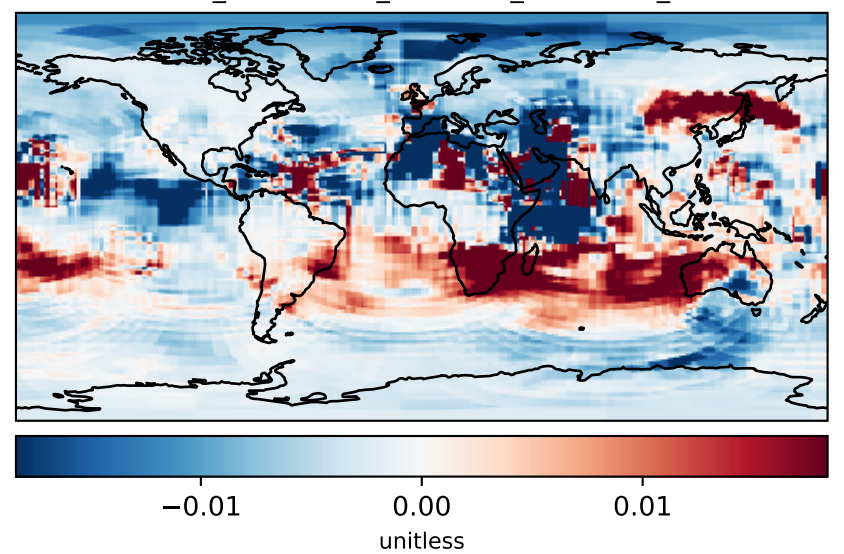
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

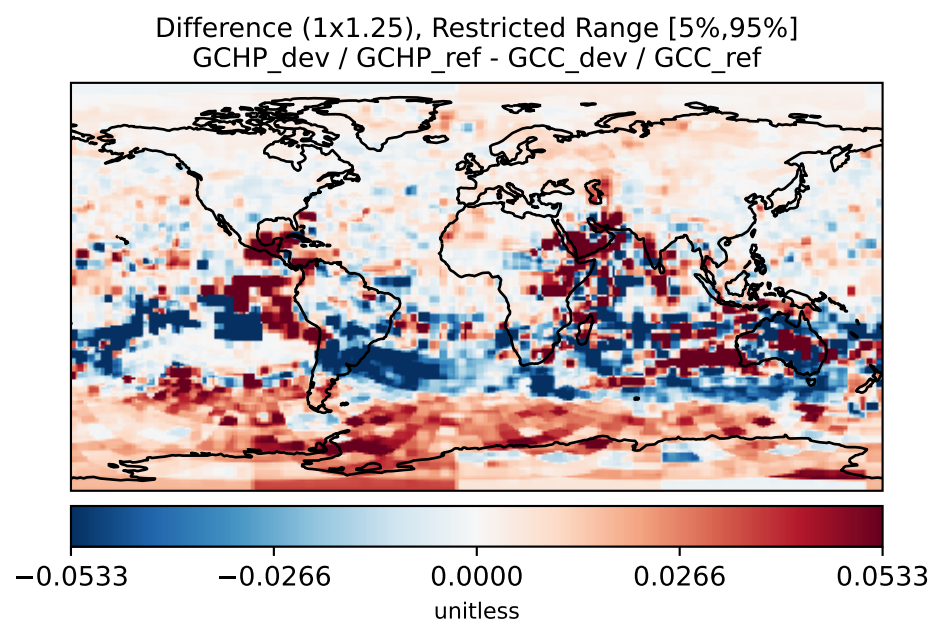
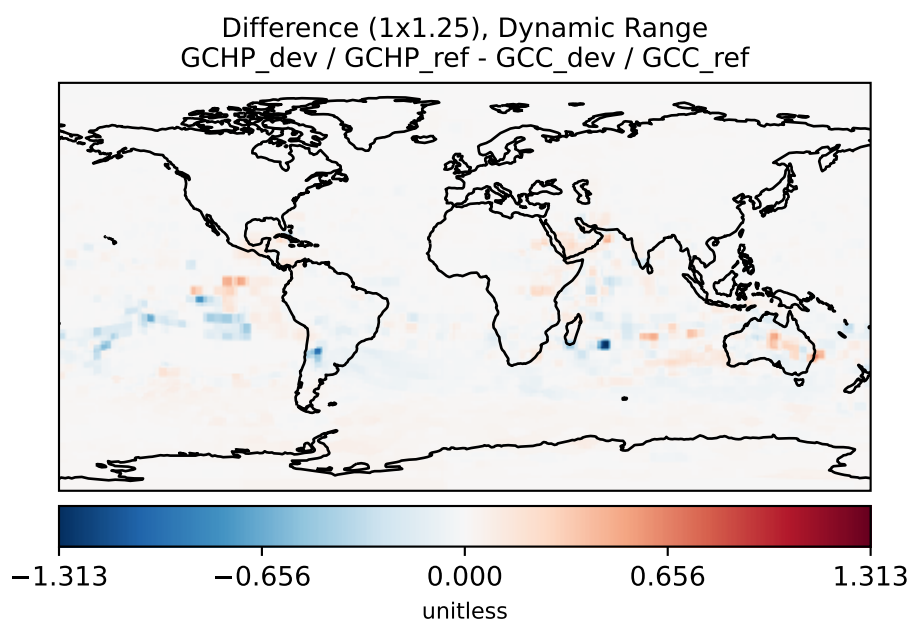
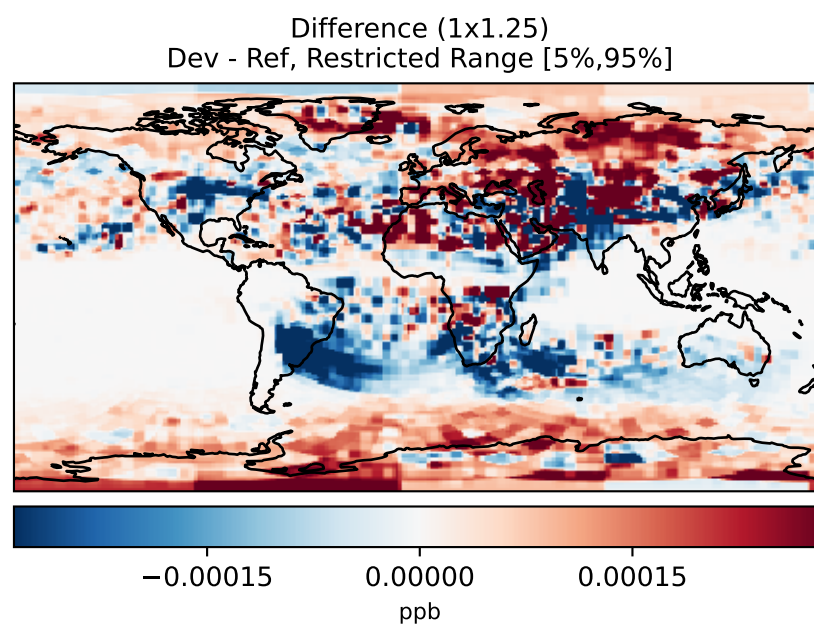
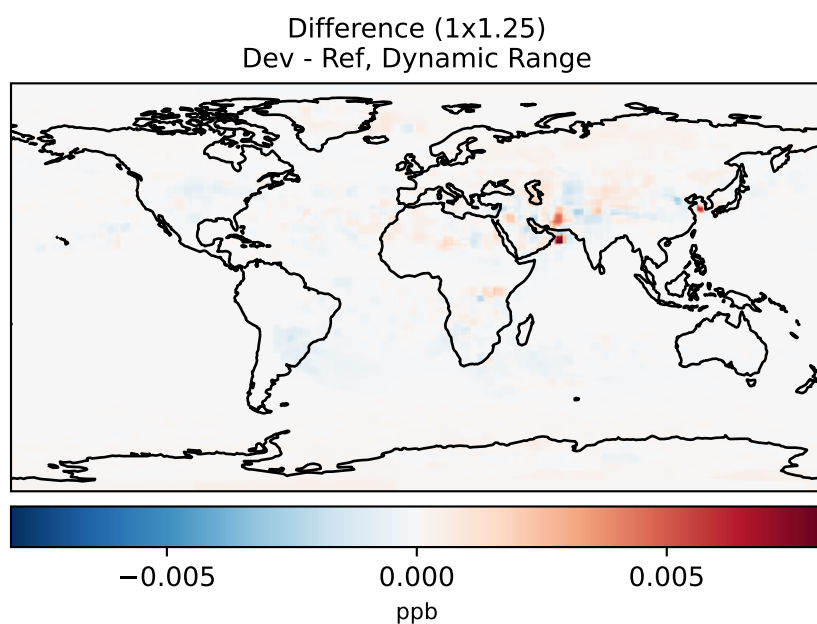
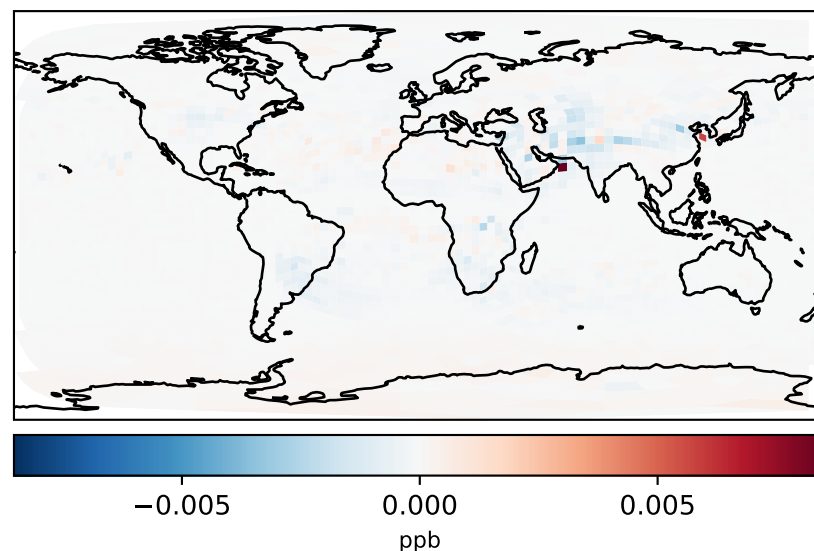
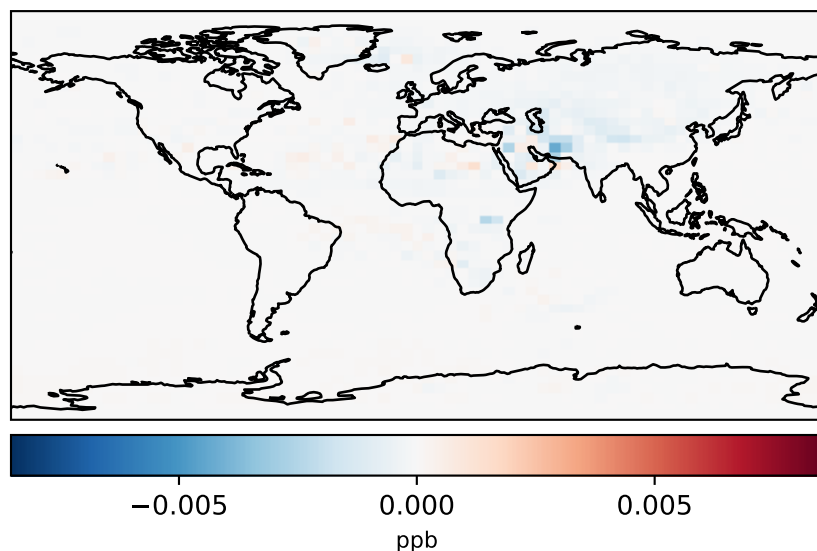


Difference (1x1.25), Restricted Range [5%,95%]
 $GCHP_dev / GCHP_ref - GCC_dev / GCC_ref$



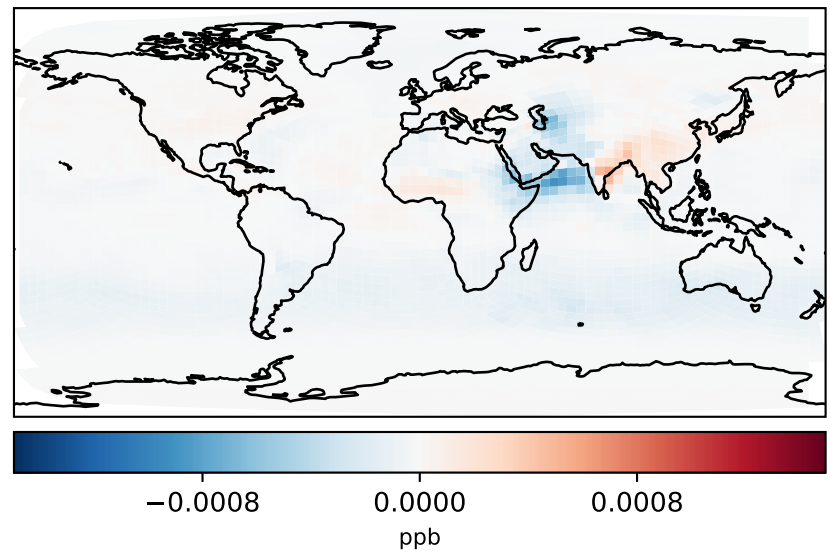
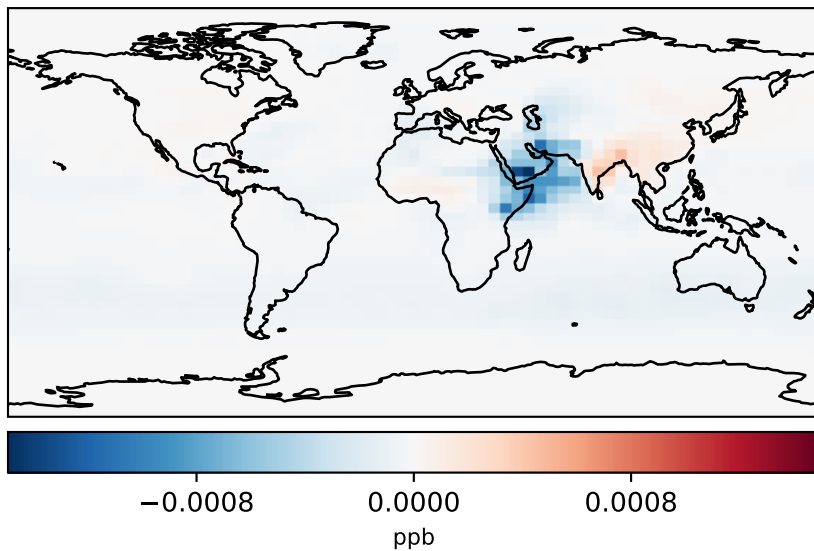
SpeciesConcVV_NIT

gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24

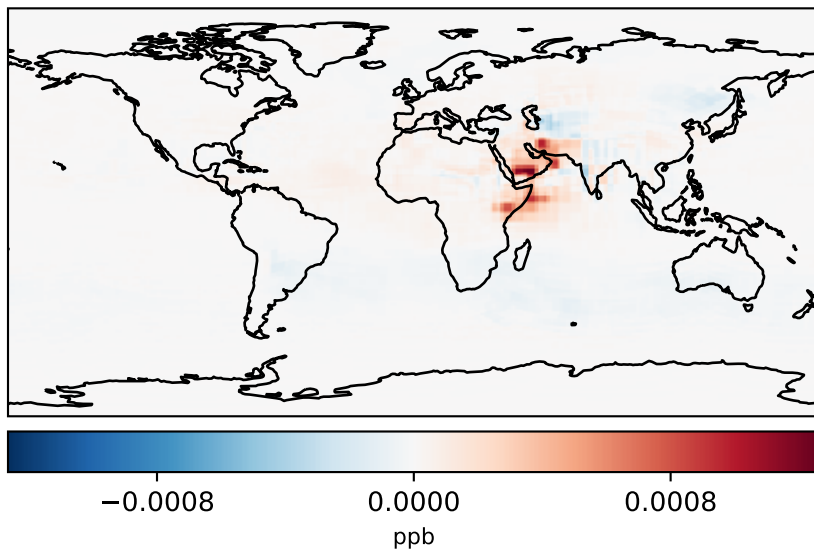


SpeciesConcVV_NO

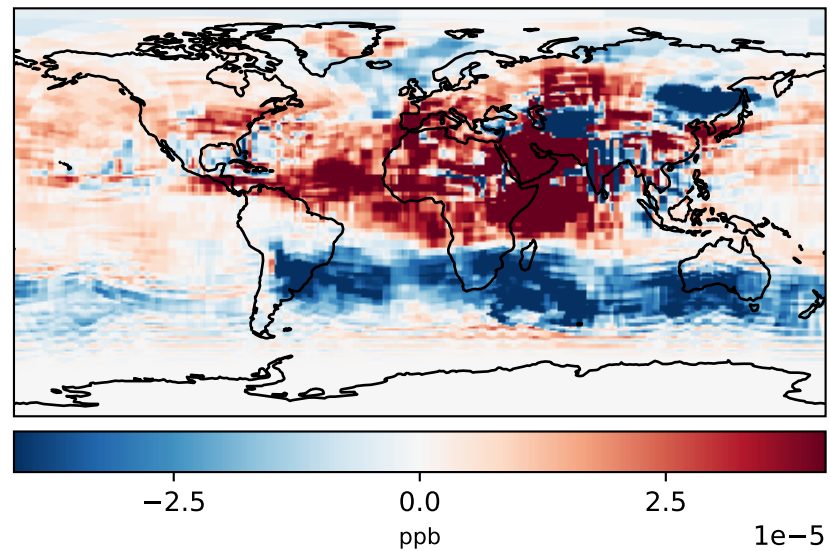
gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24



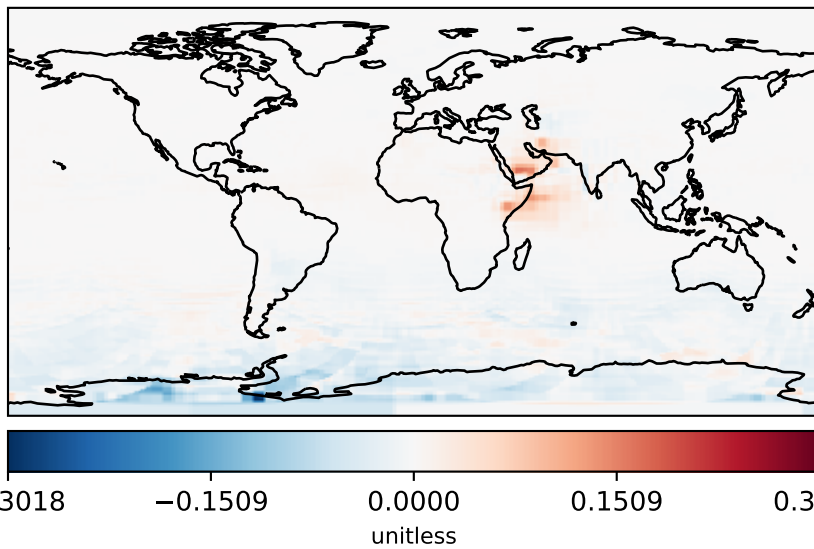
Difference (1x1.25)
Dev - Ref, Dynamic Range



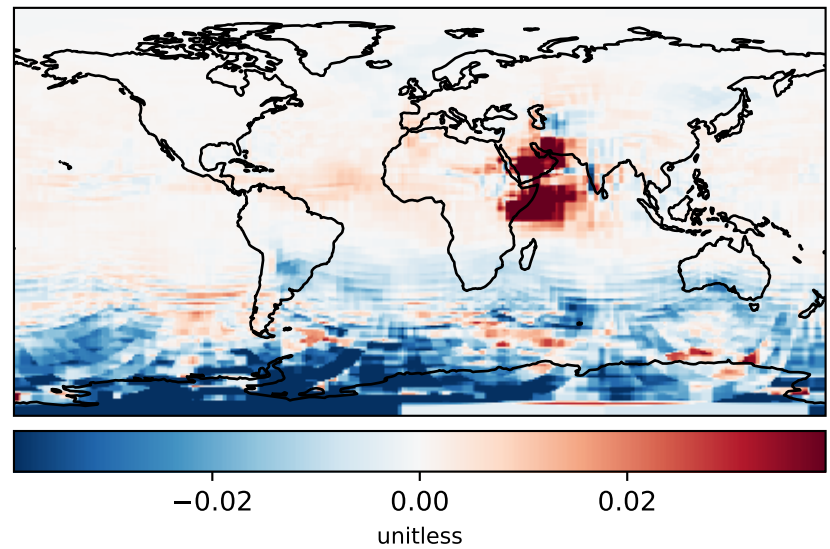
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

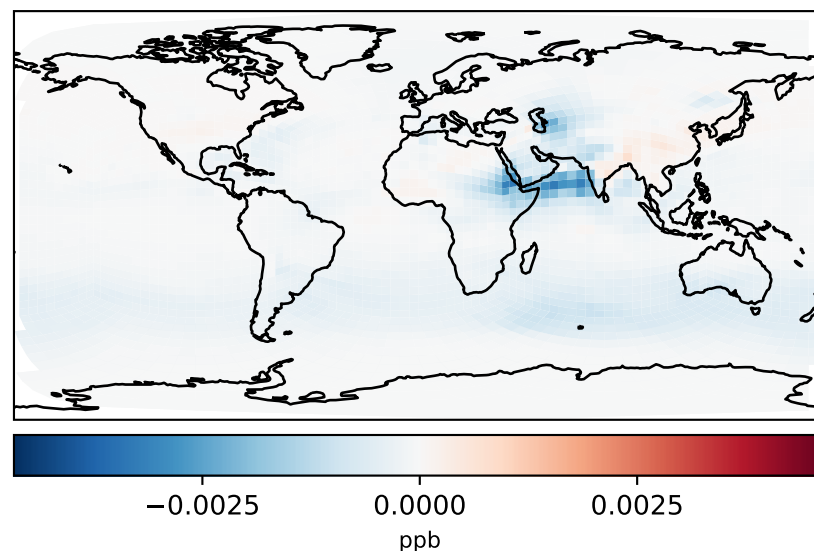
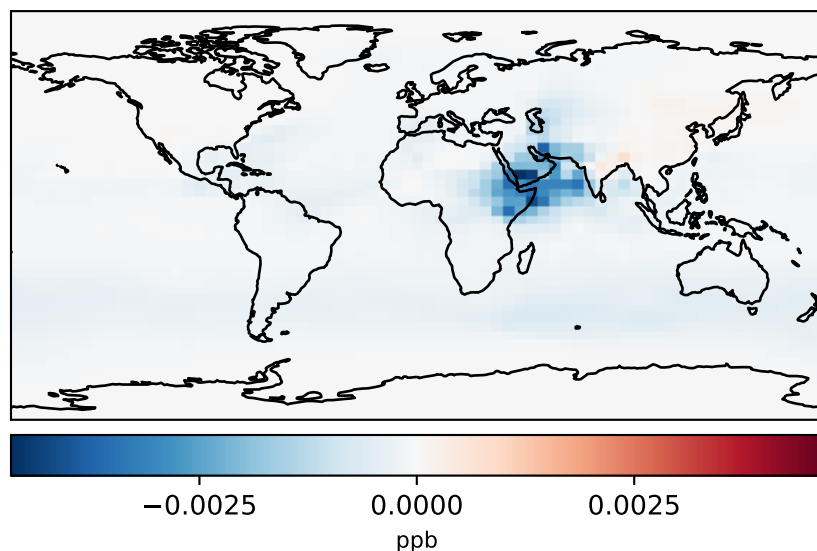


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

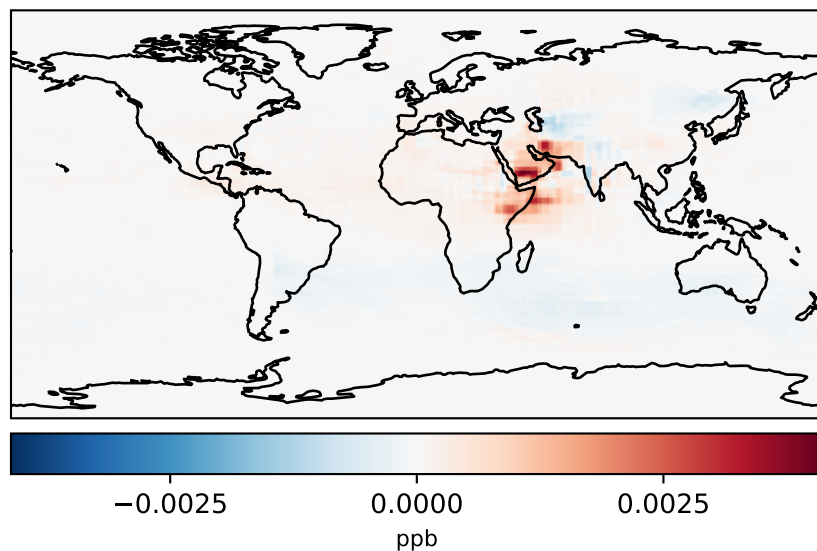


SpeciesConcVV_NO2

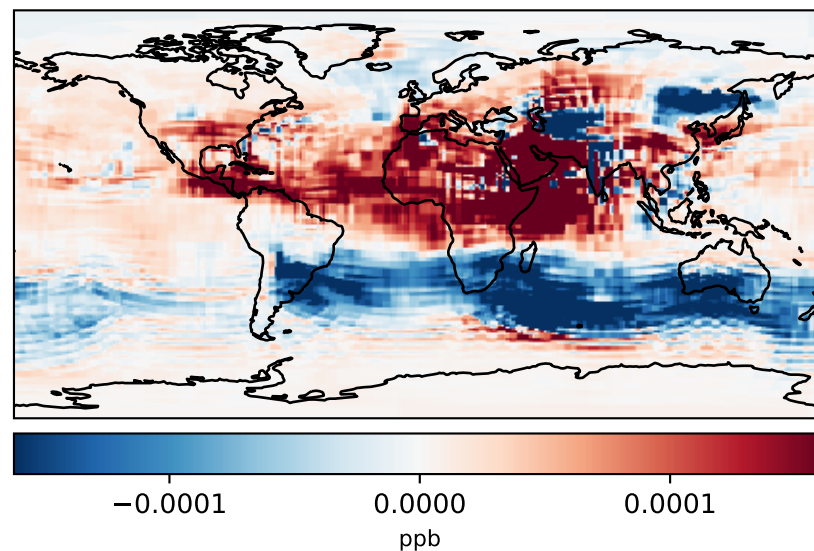
gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24



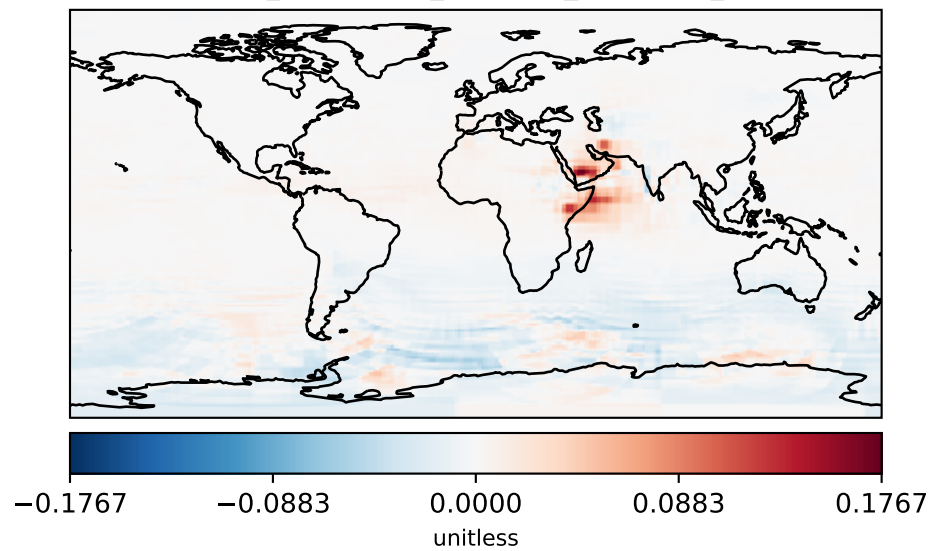
Difference (1x1.25)
Dev - Ref, Dynamic Range



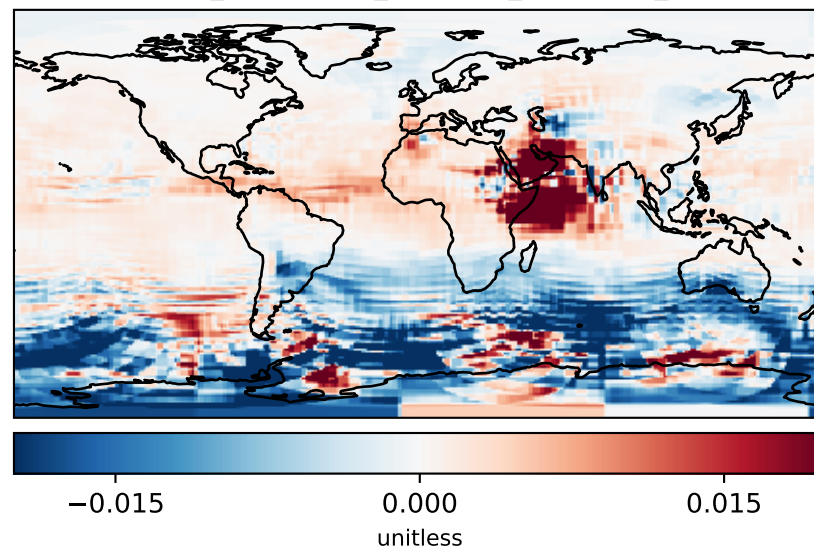
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

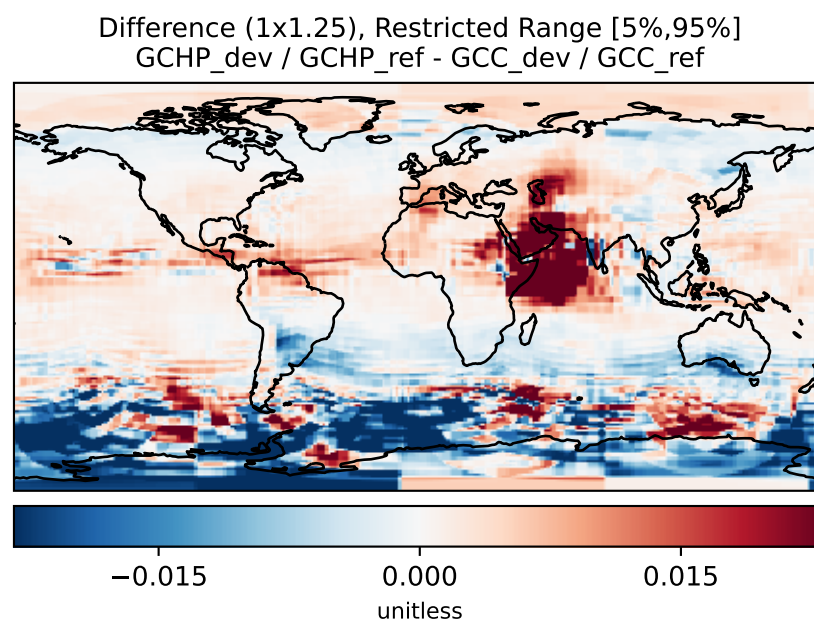
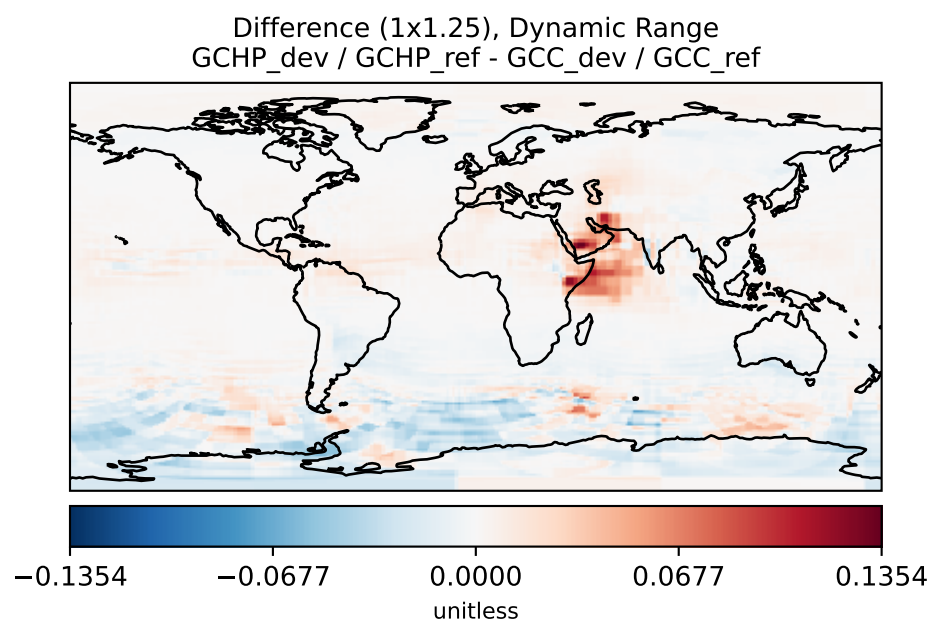
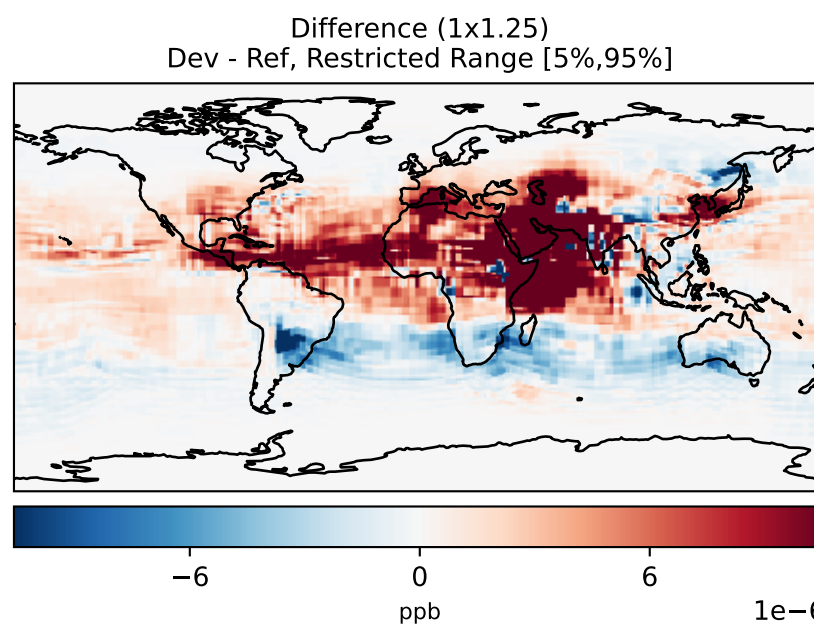
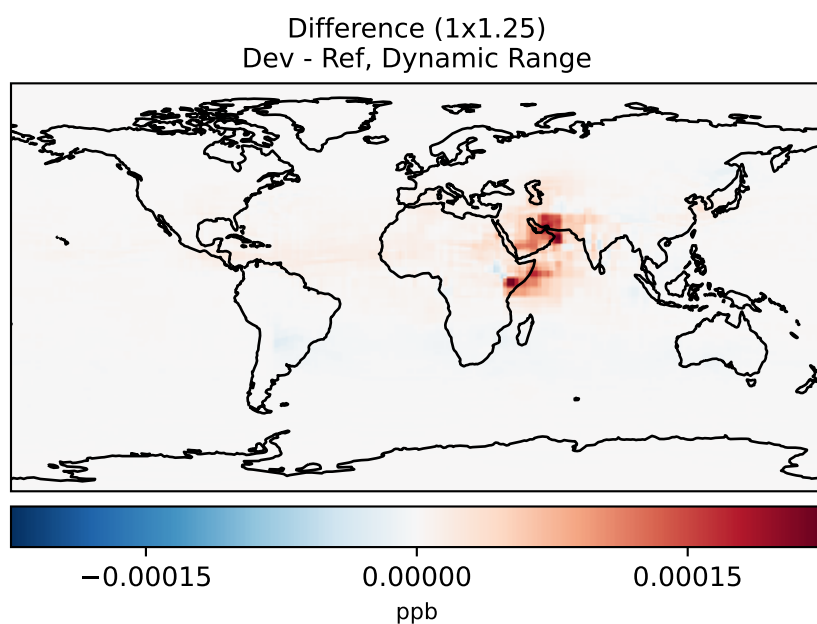
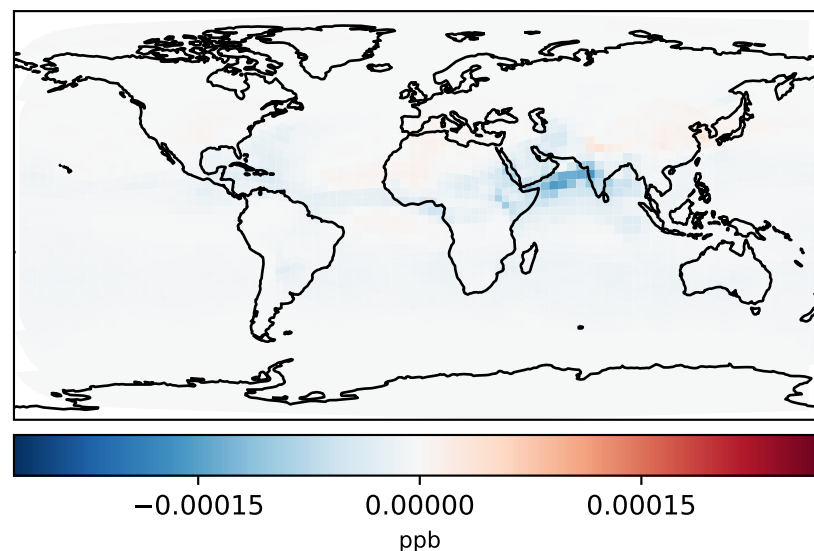
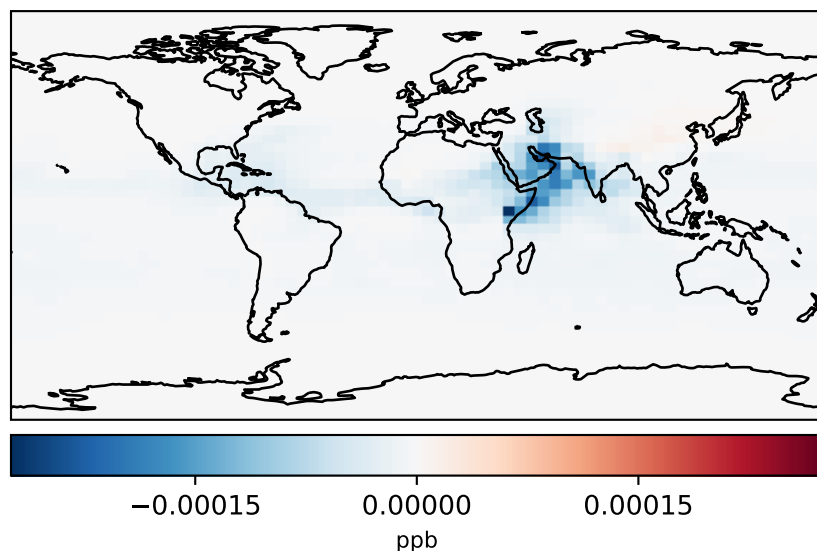


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



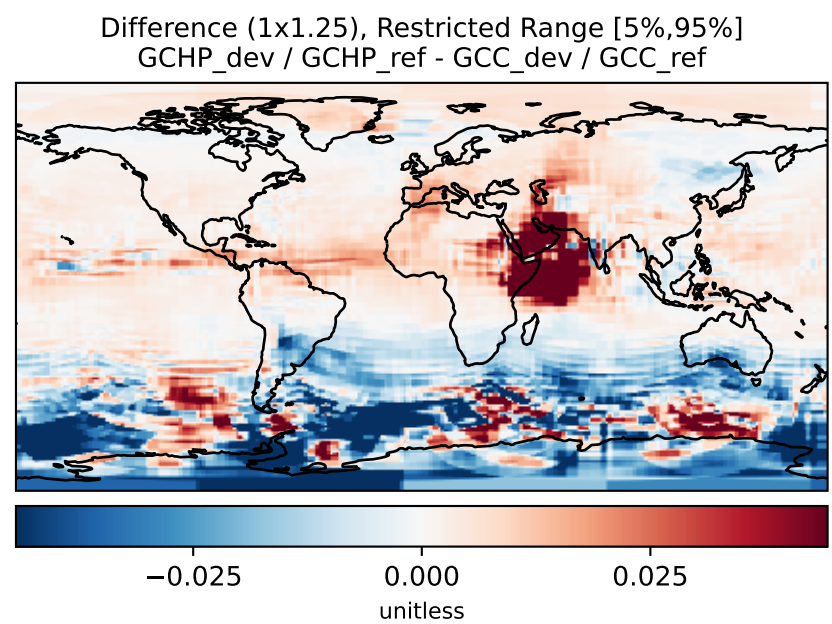
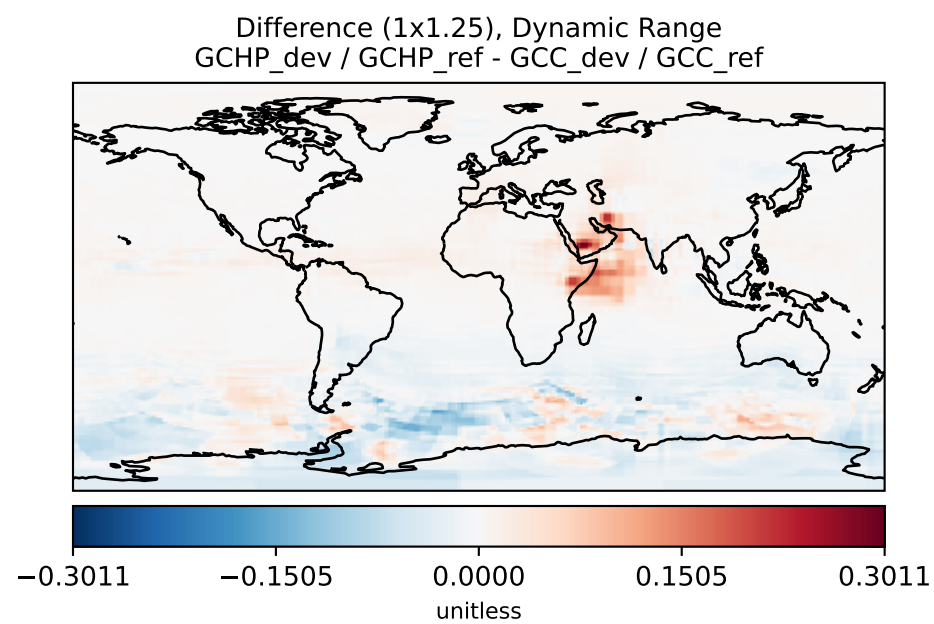
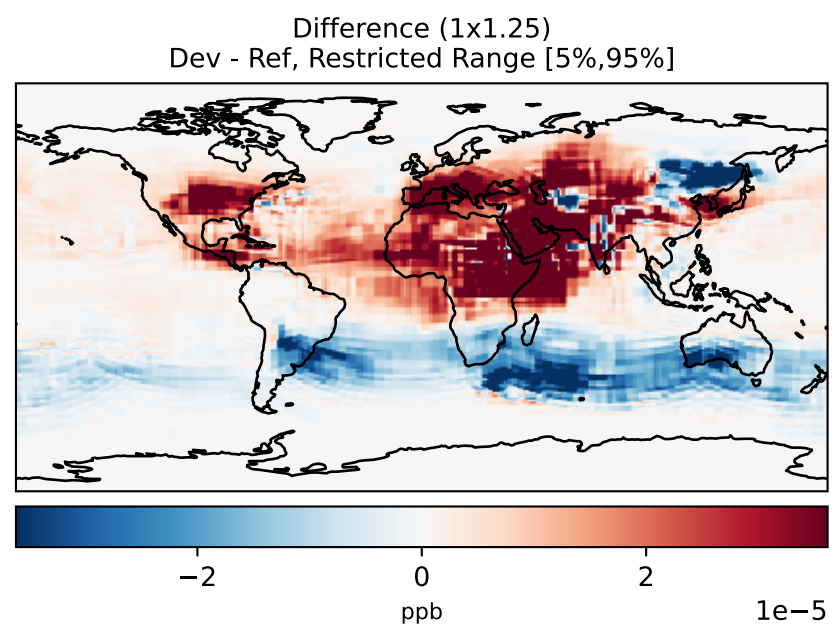
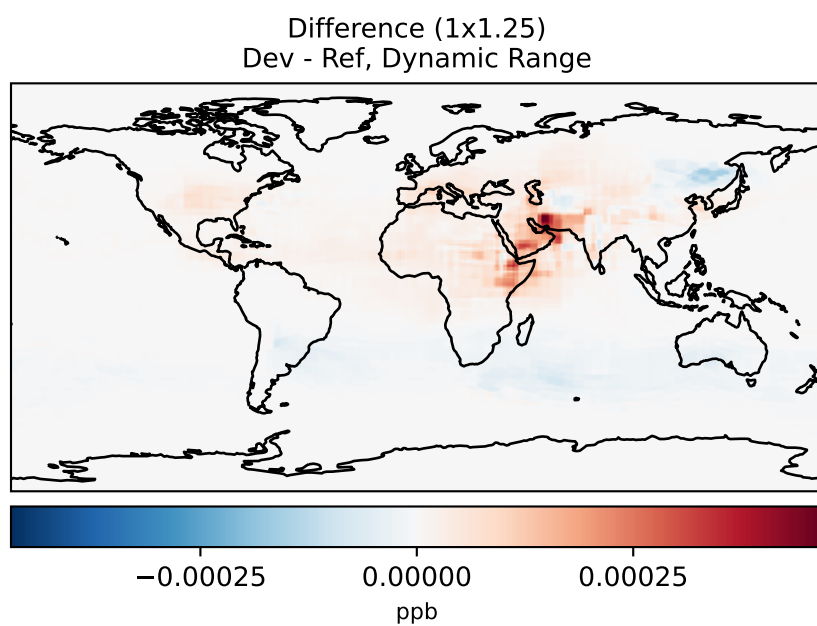
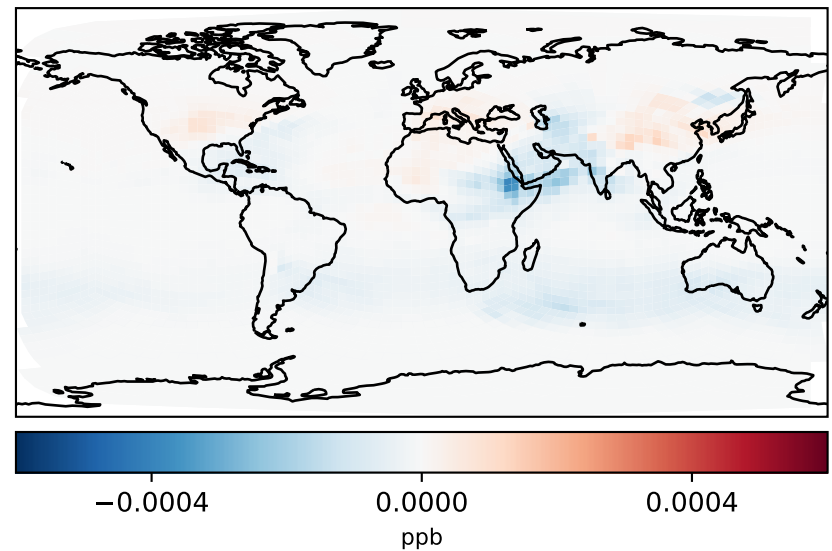
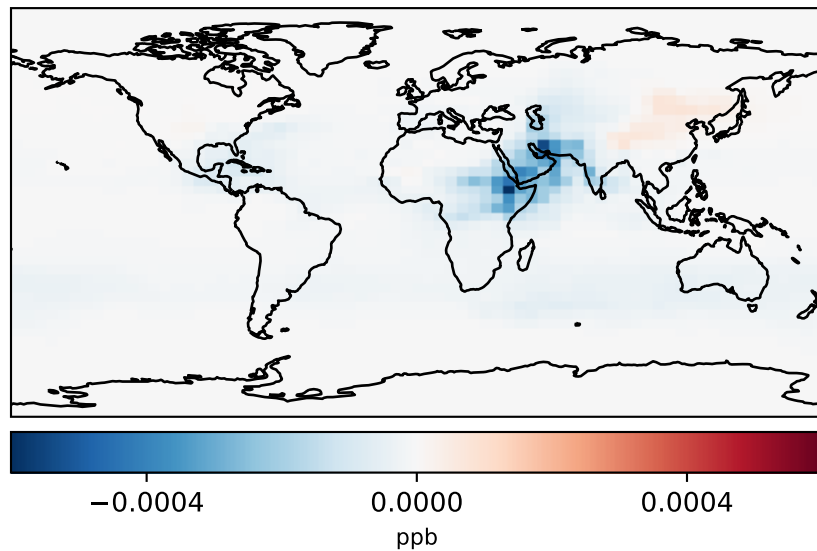
SpeciesConcVV_NO3

gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24



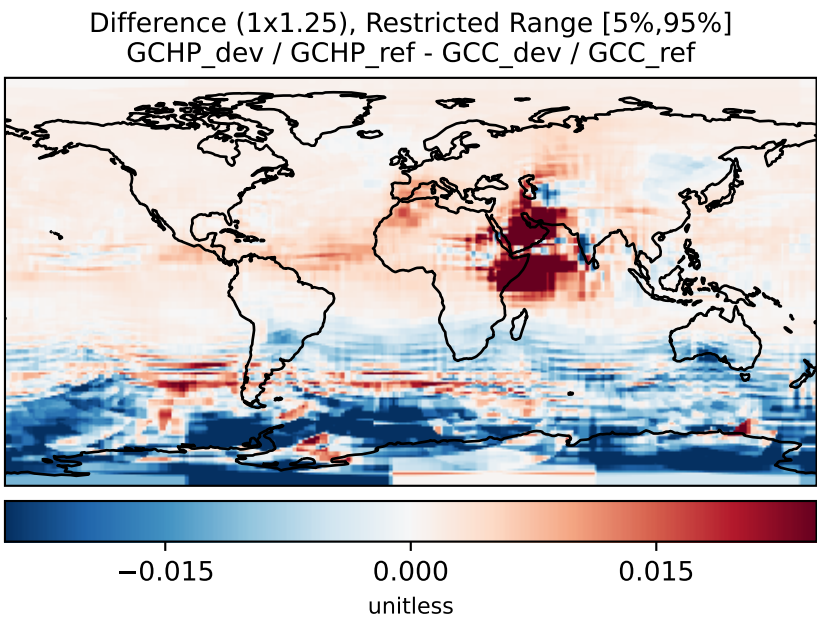
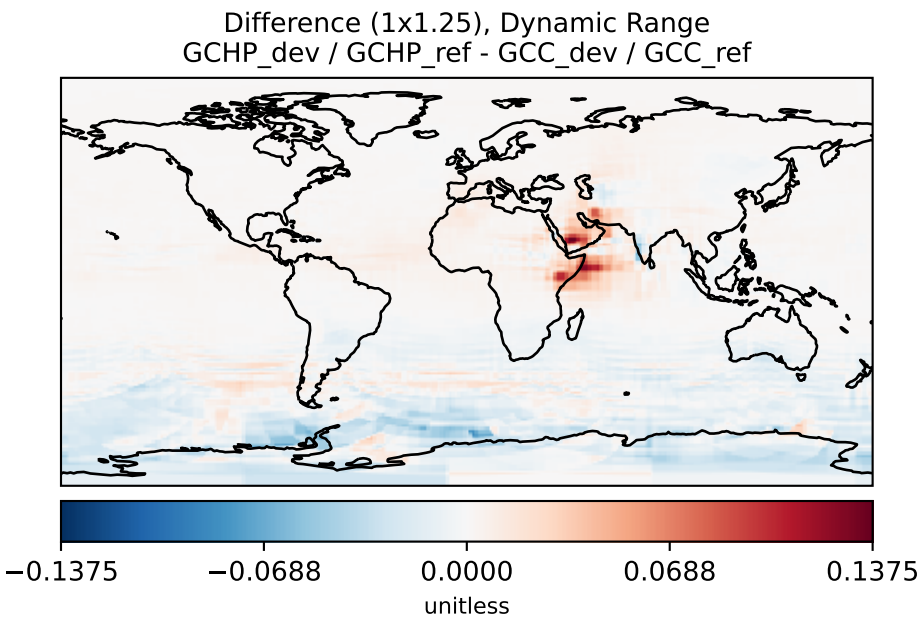
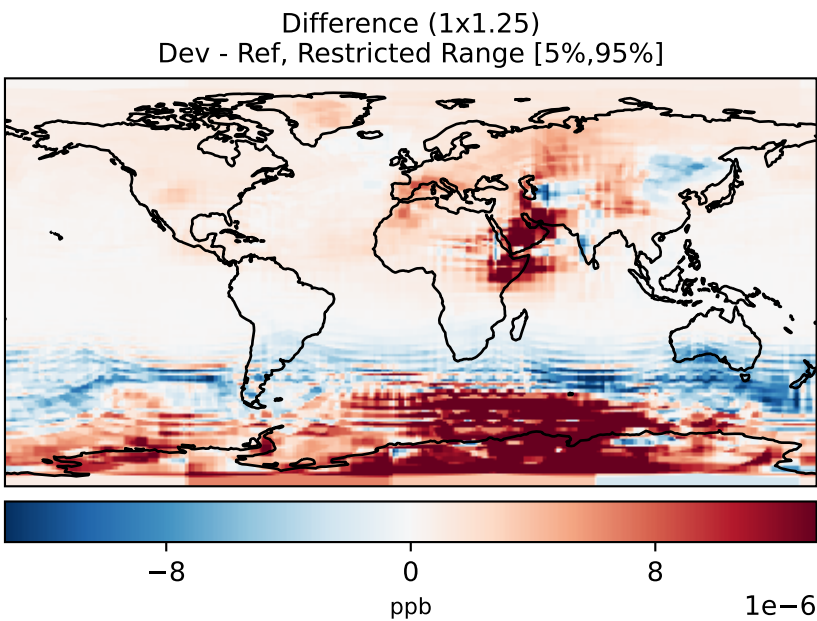
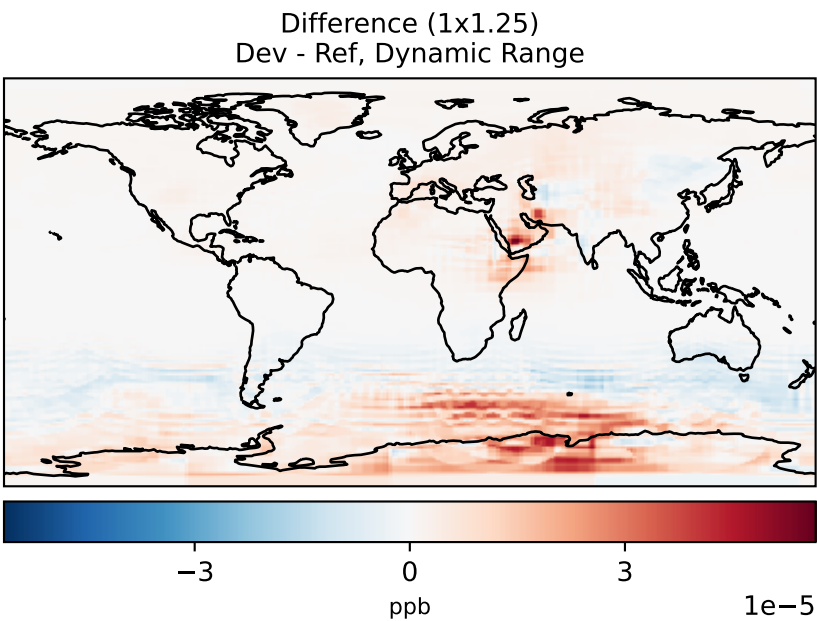
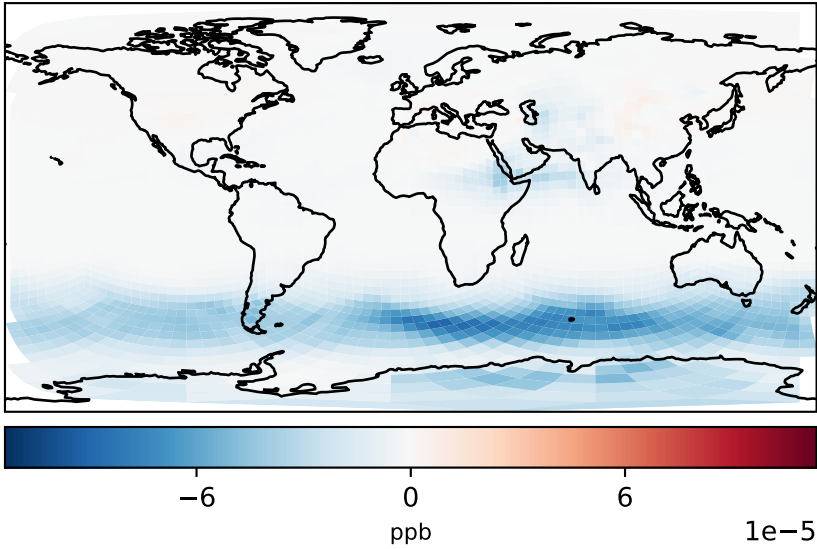
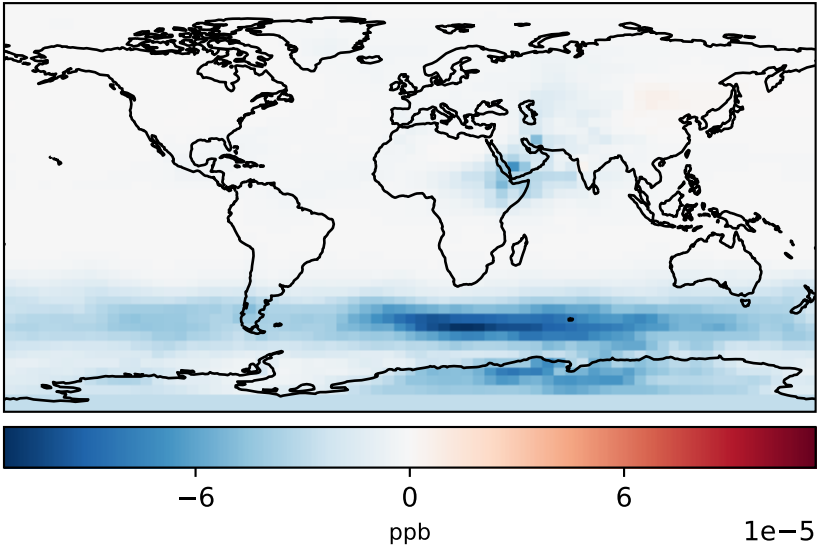
SpeciesConcVW_N2O5

gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24



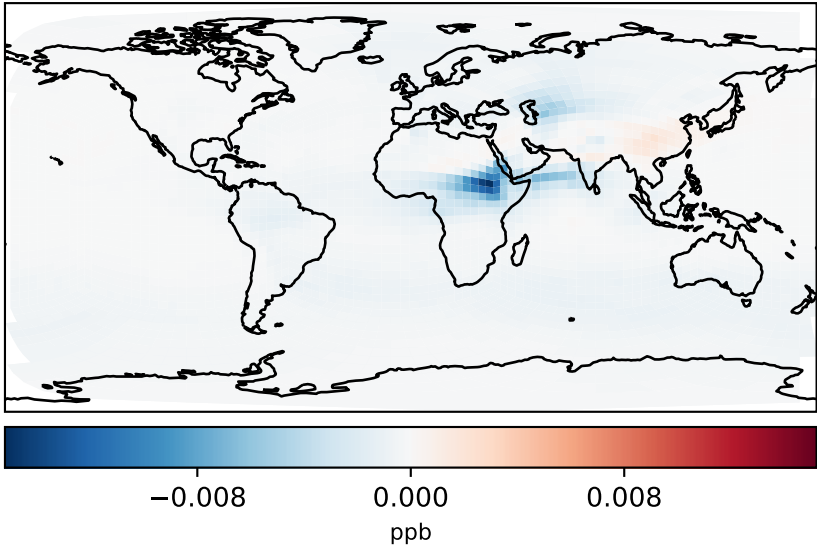
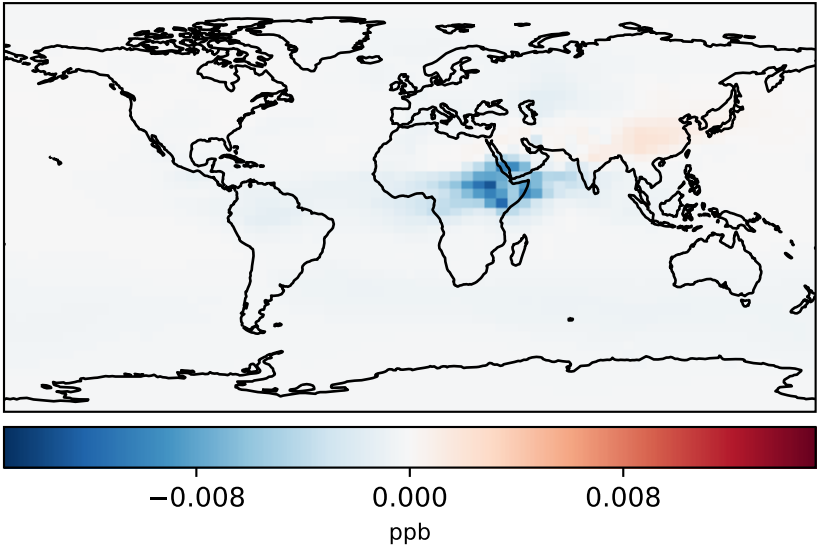
SpeciesConcVV_MPN

gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24

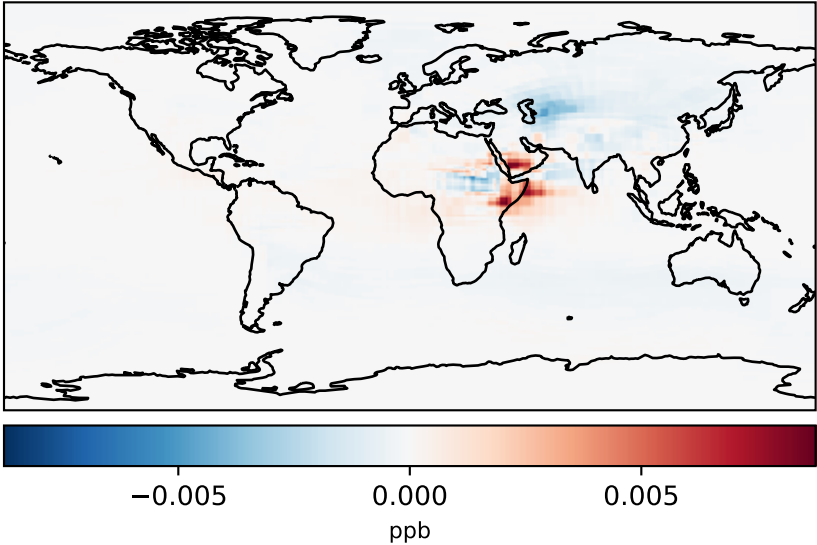


SpeciesConcVV_PAN

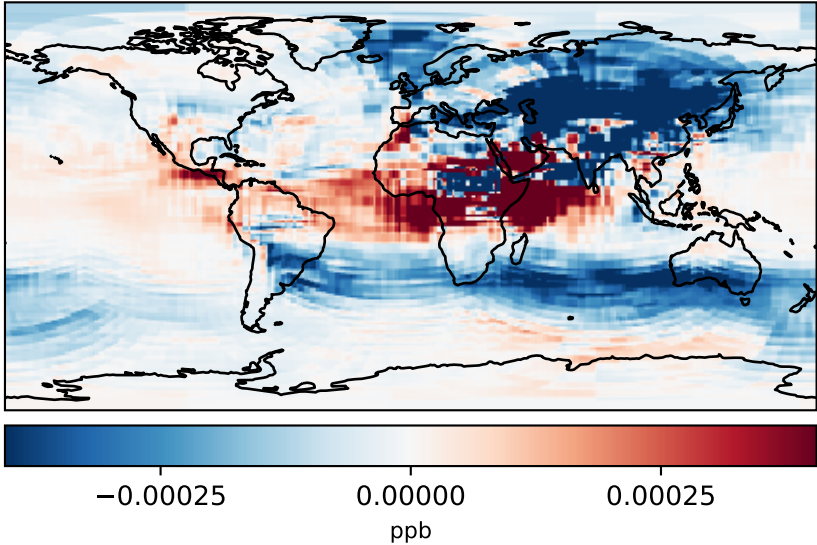
gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24



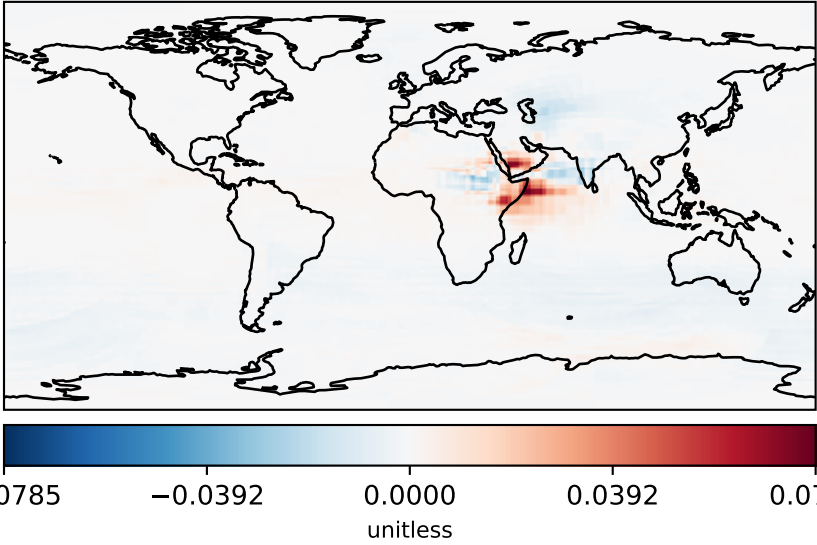
Difference (1x1.25)
Dev - Ref, Dynamic Range



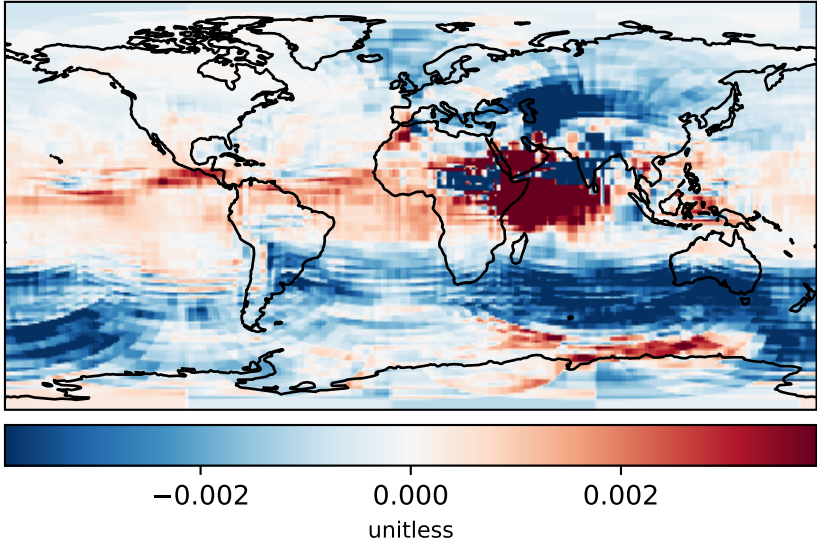
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

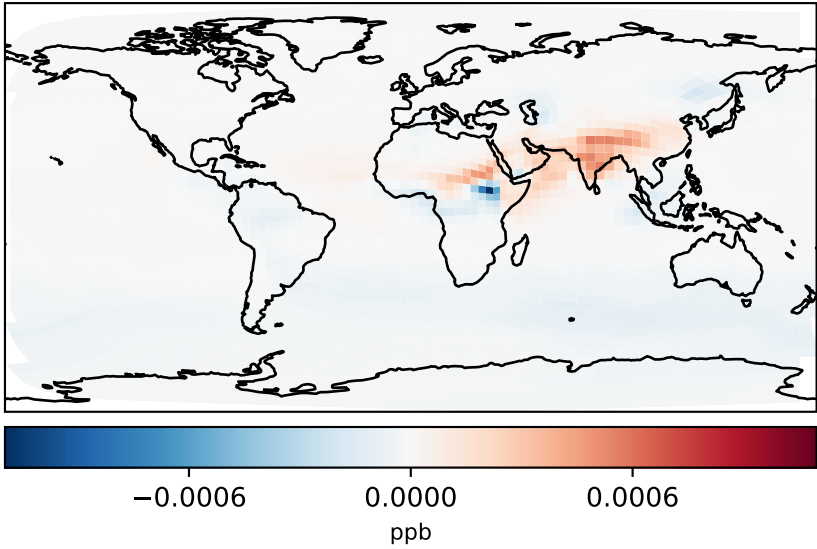
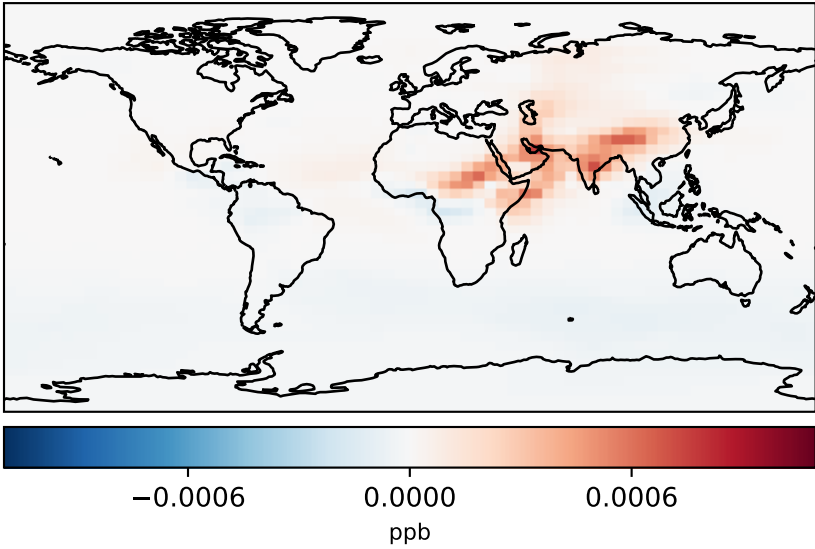


Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

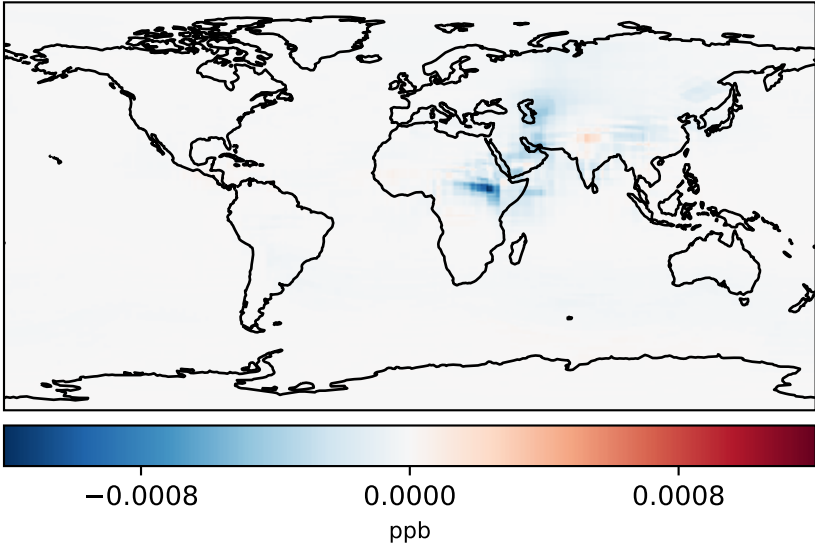


SpeciesConcVV_PPN

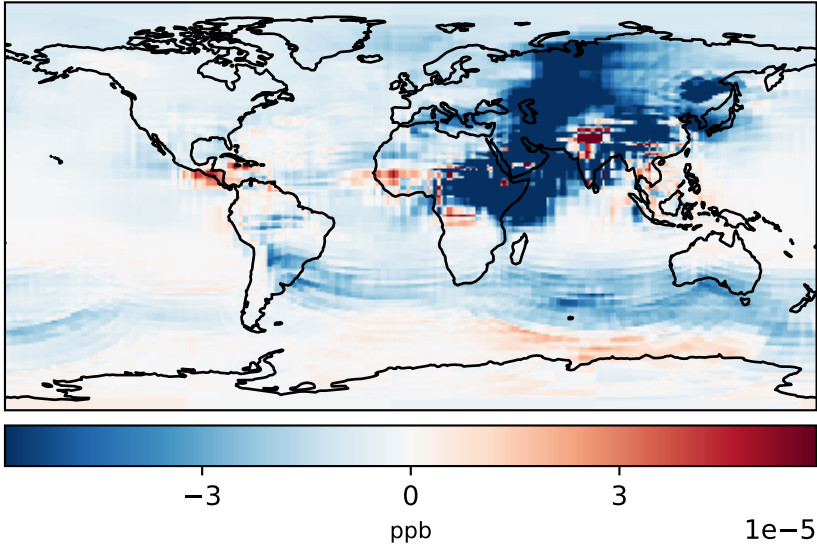
gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24



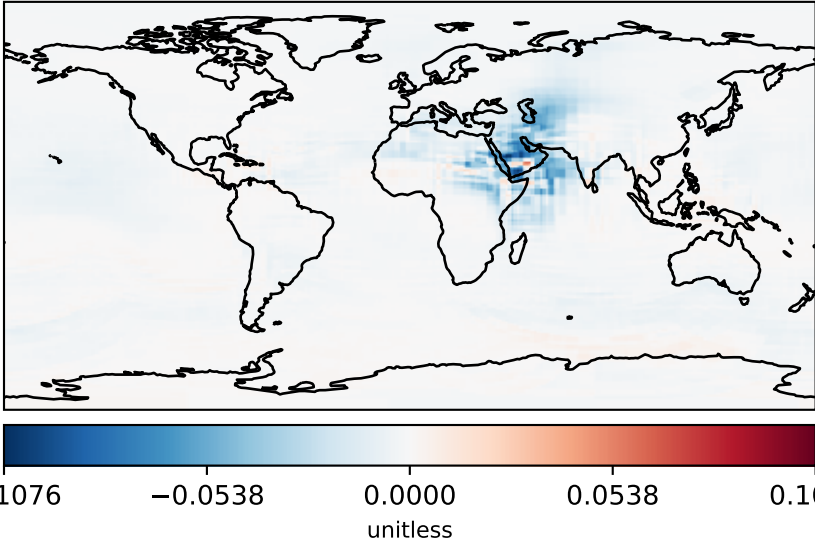
Difference (1x1.25)
Dev - Ref, Dynamic Range



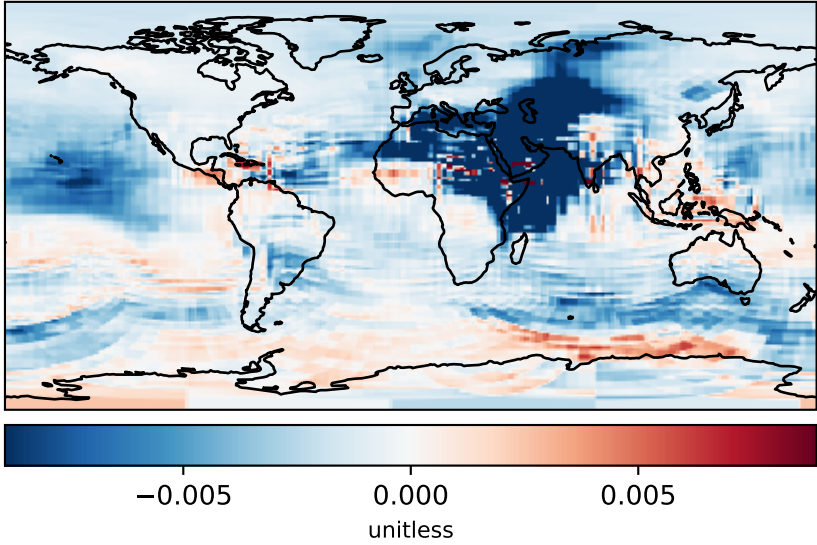
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

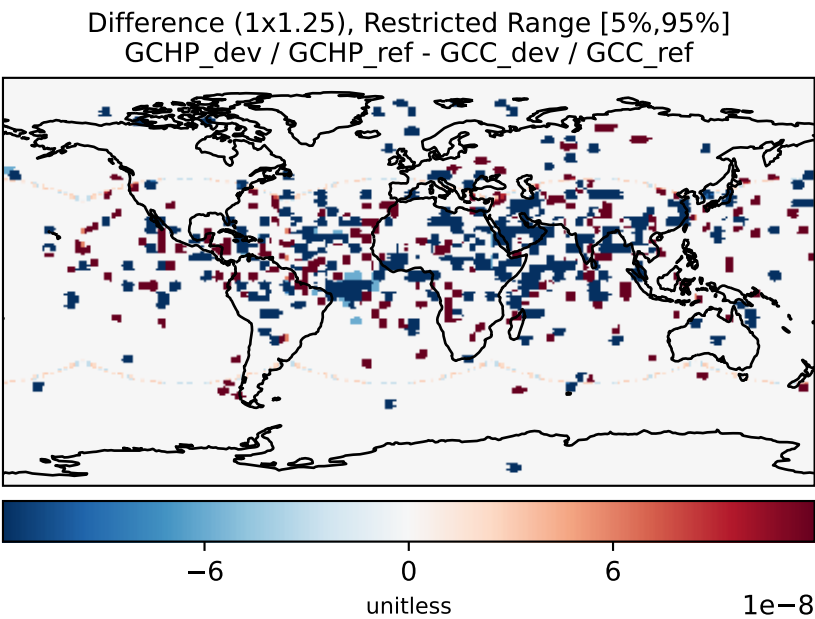
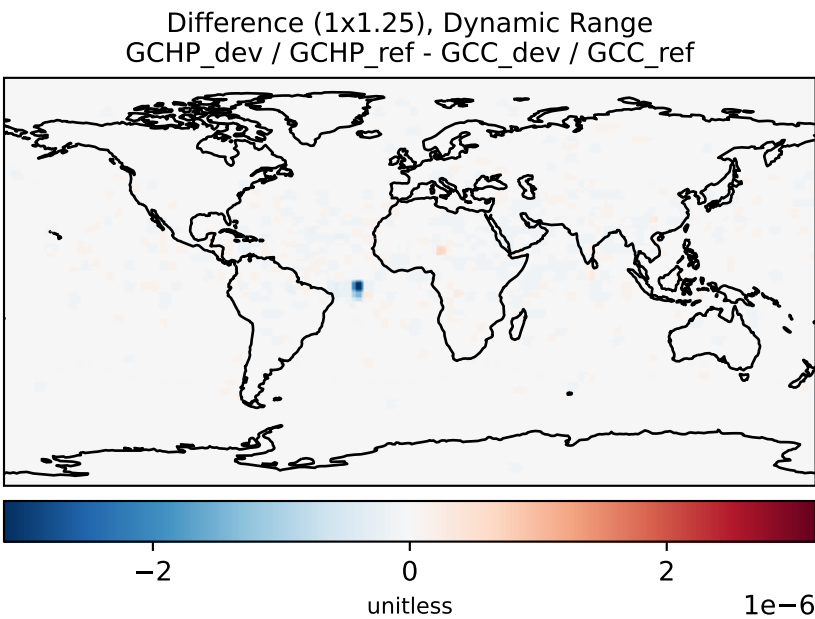
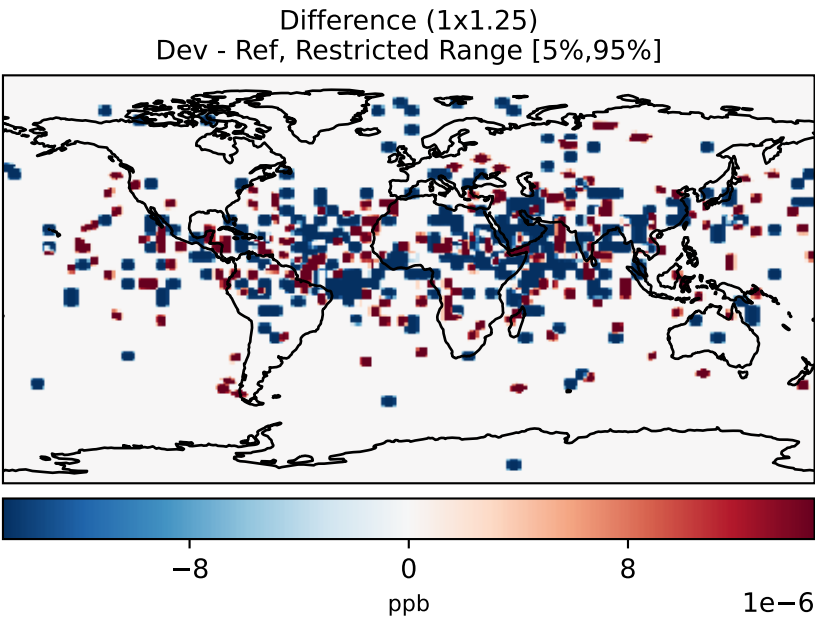
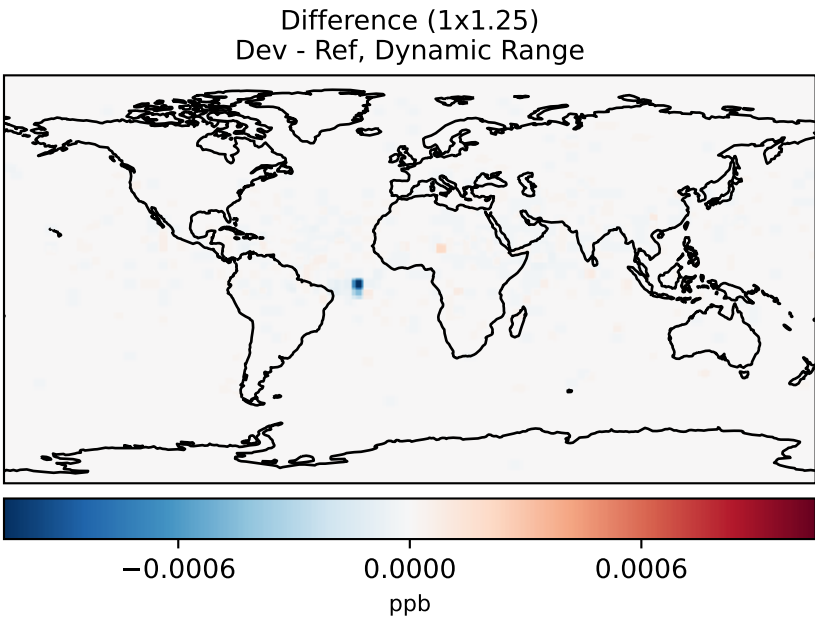
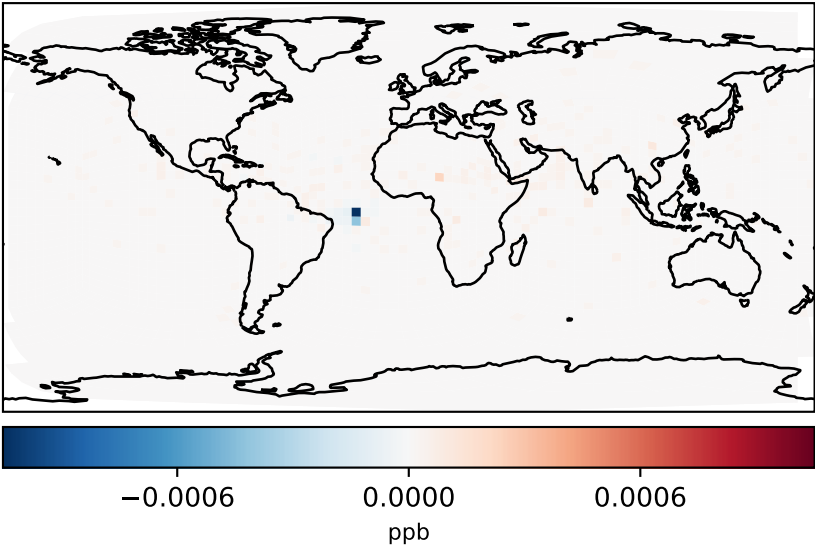
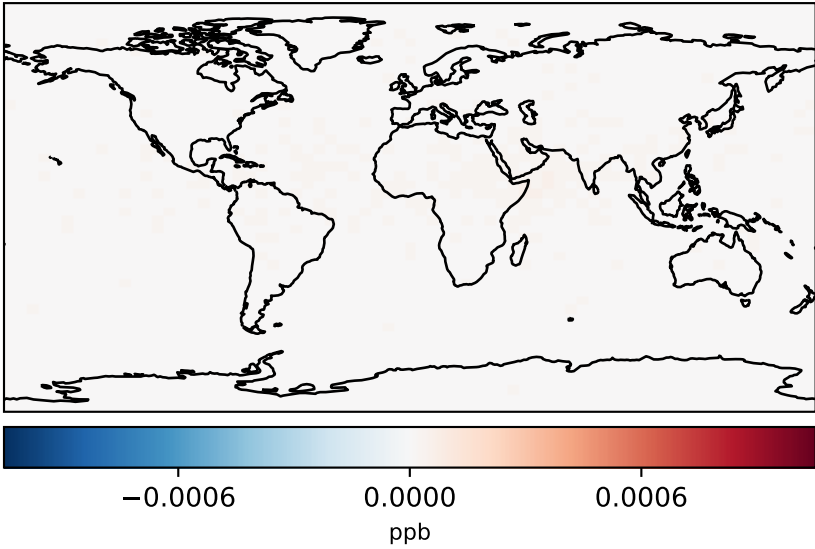


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



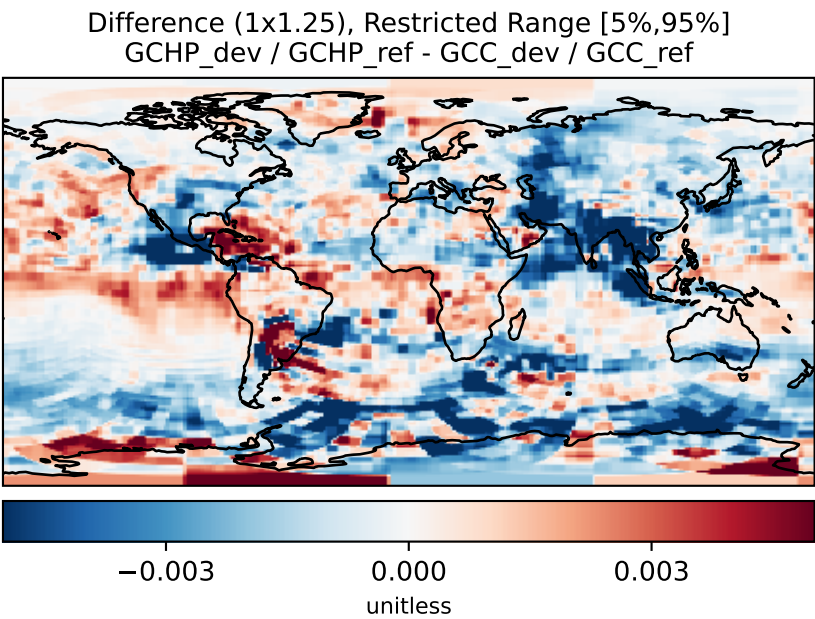
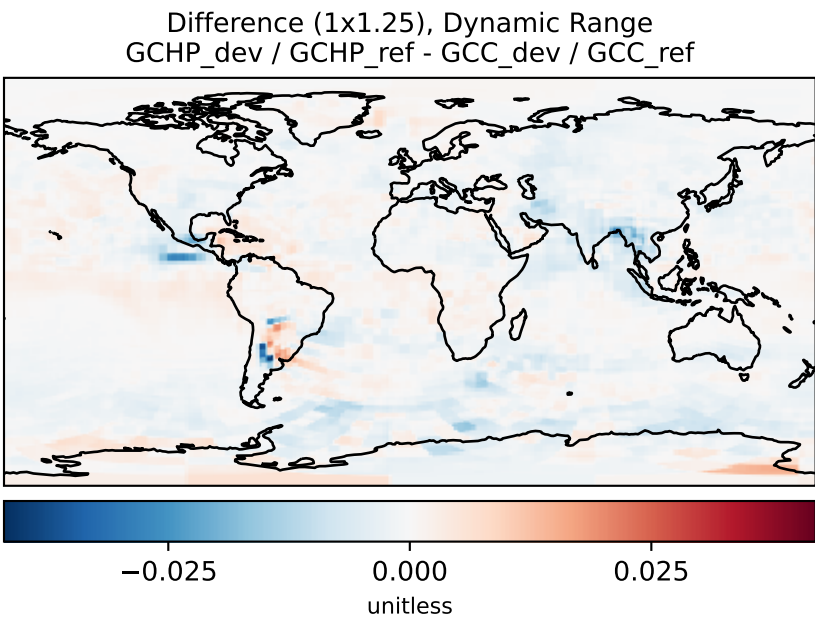
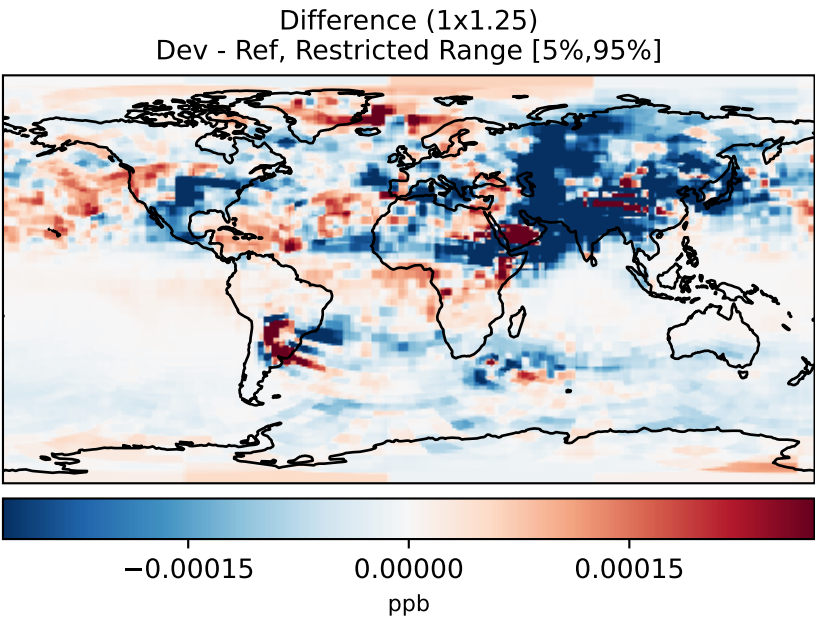
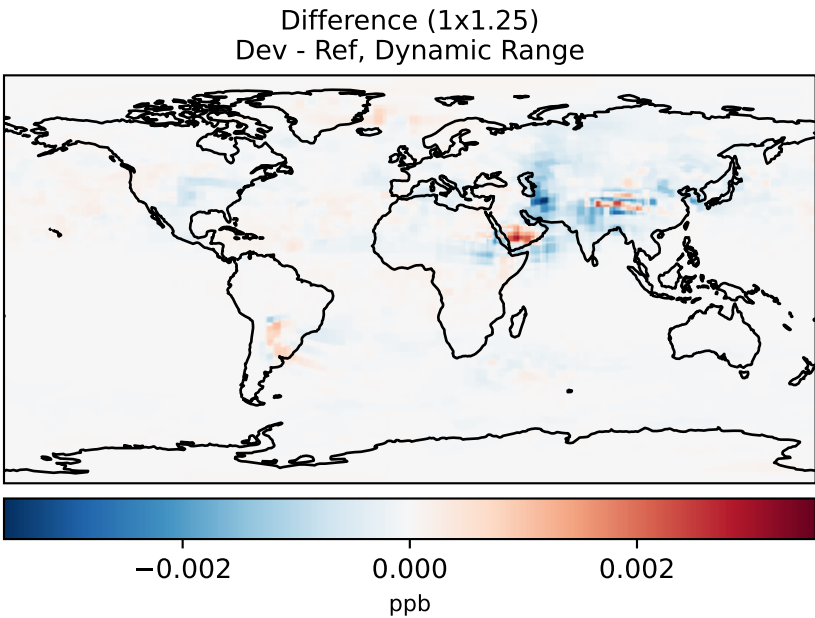
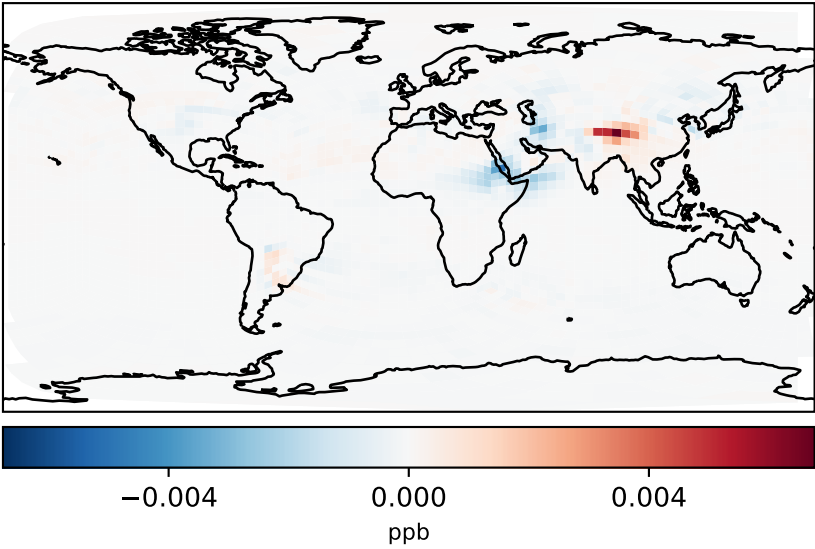
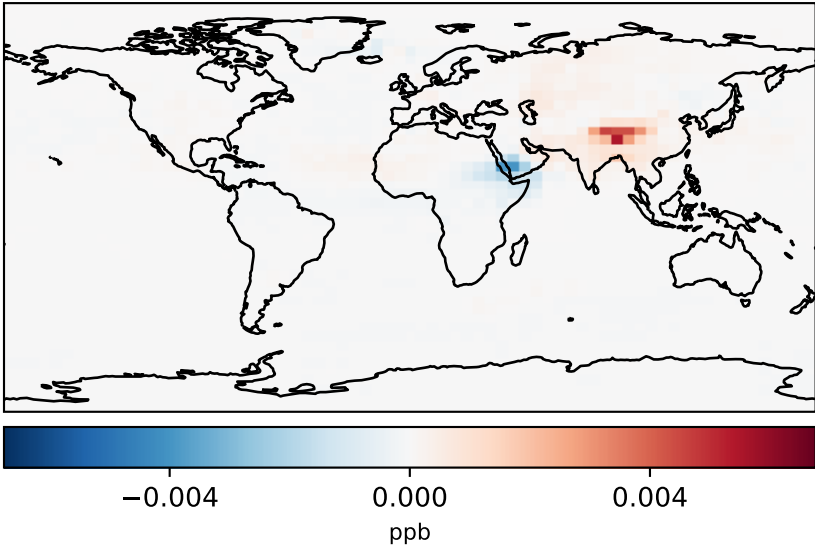
SpeciesConcVV_N2O

gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24



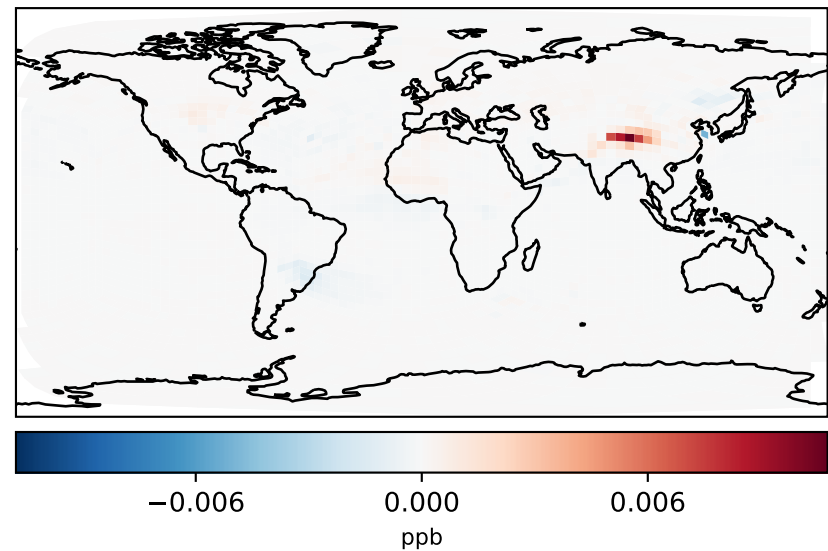
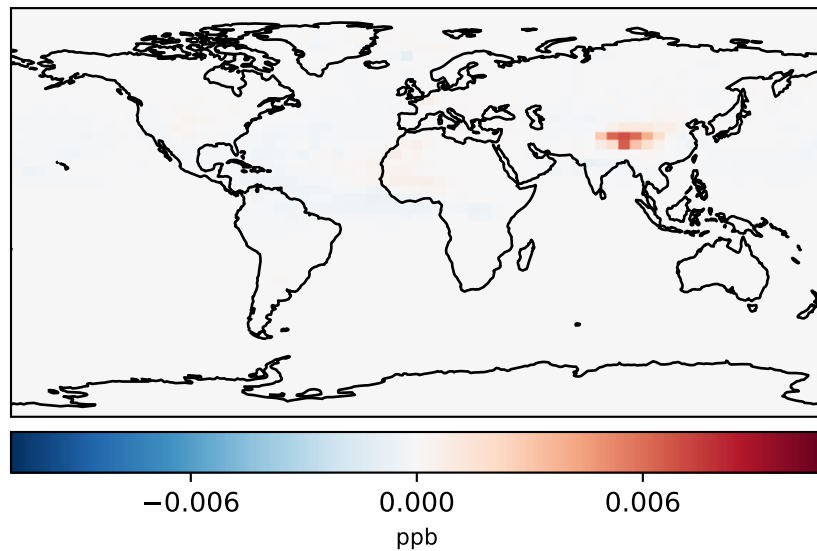
SpeciesConcVV_NHx

gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24

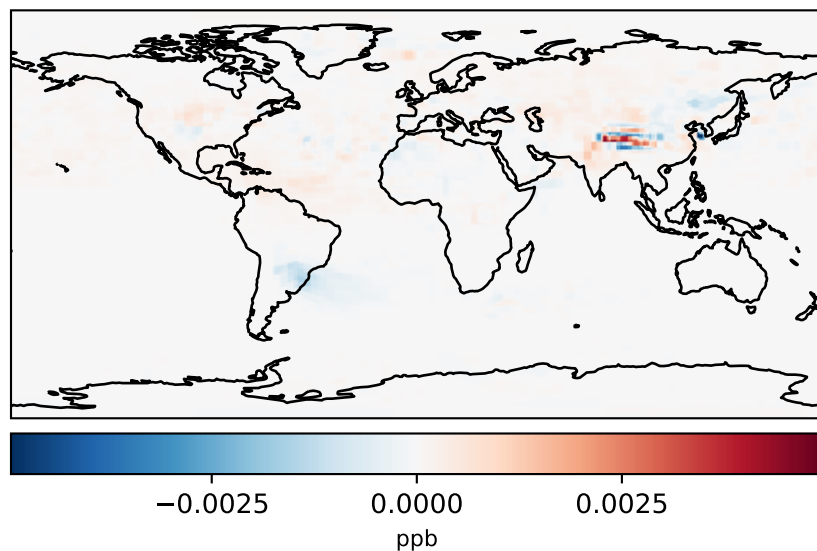


SpeciesConcVV_NH3

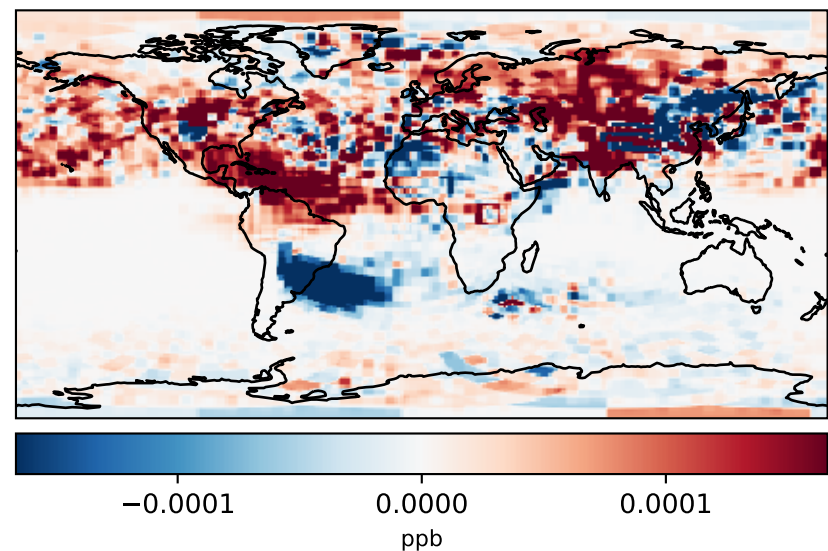
gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24



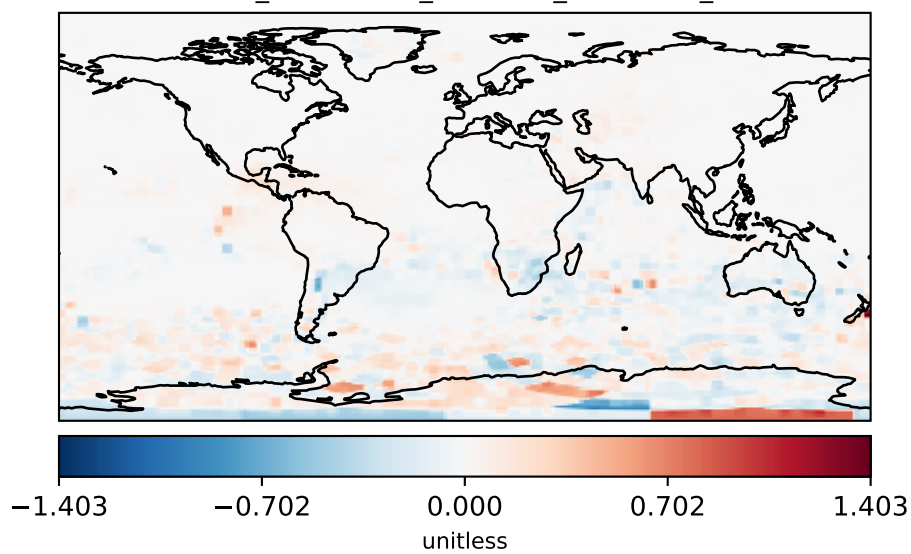
Difference (1x1.25)
Dev - Ref, Dynamic Range



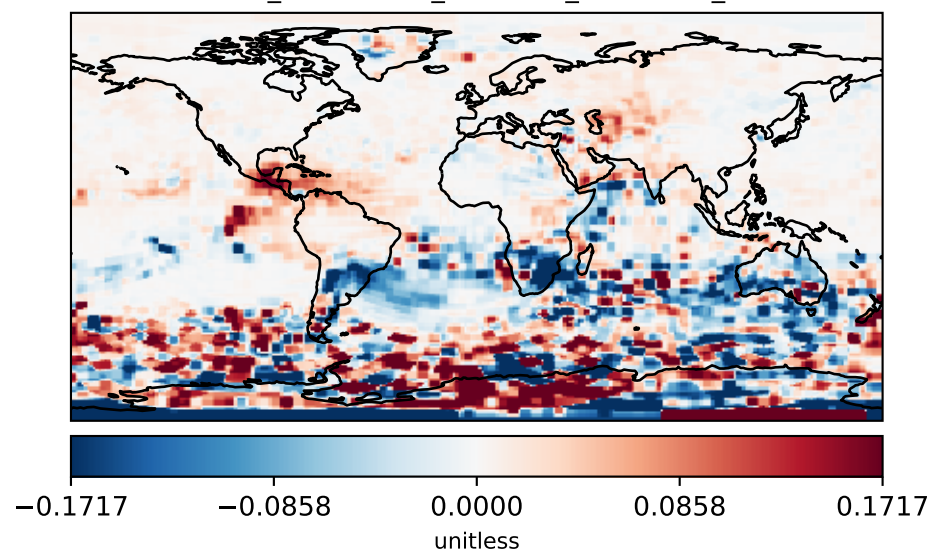
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

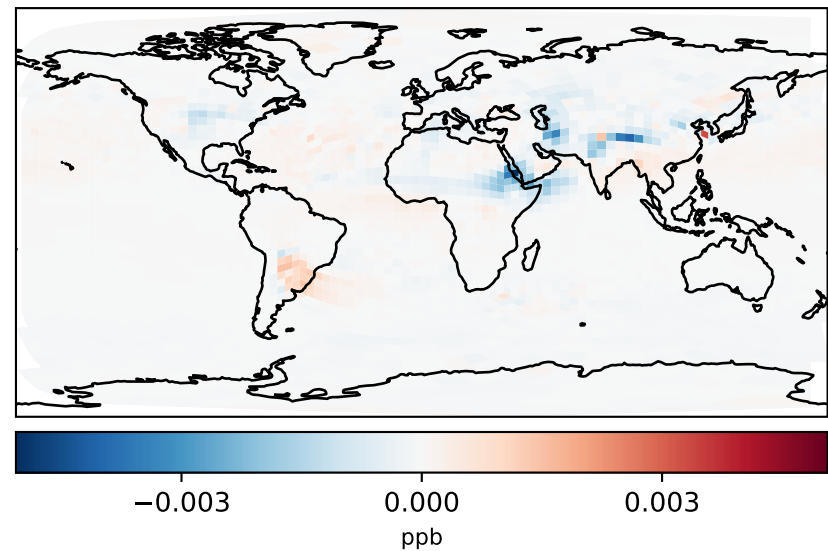
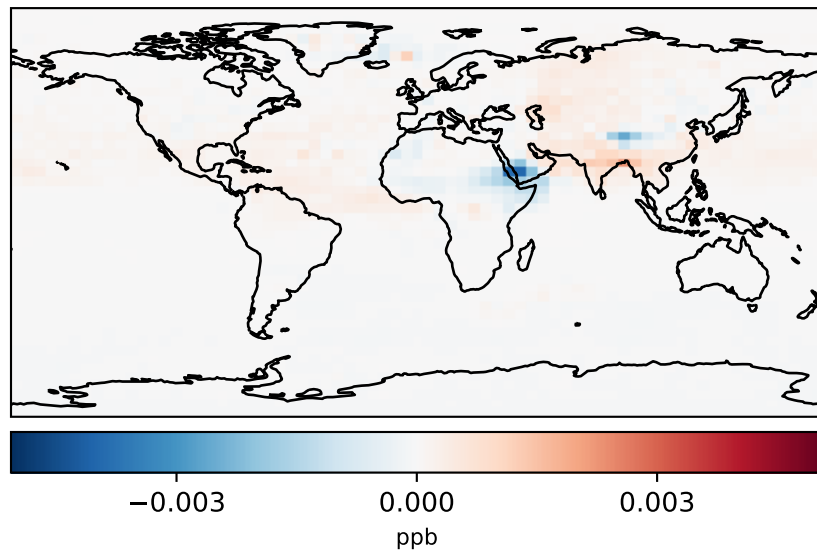


Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

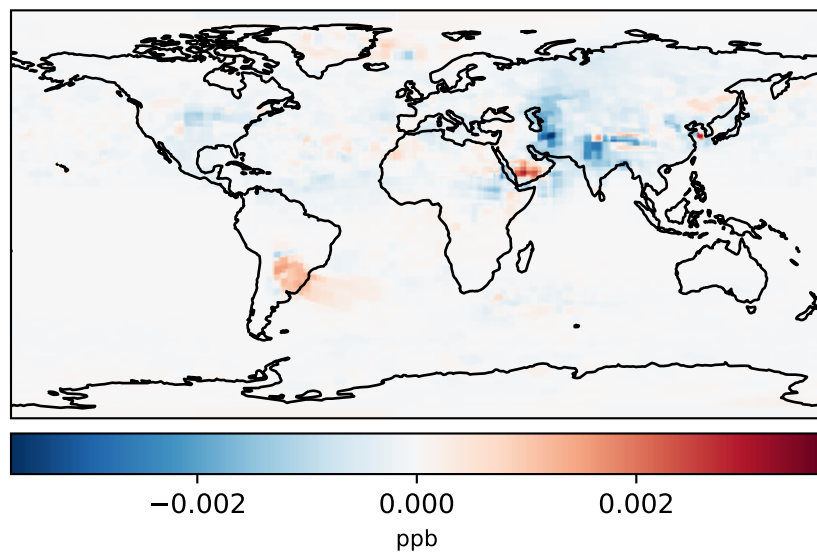


SpeciesConcVV_NH4

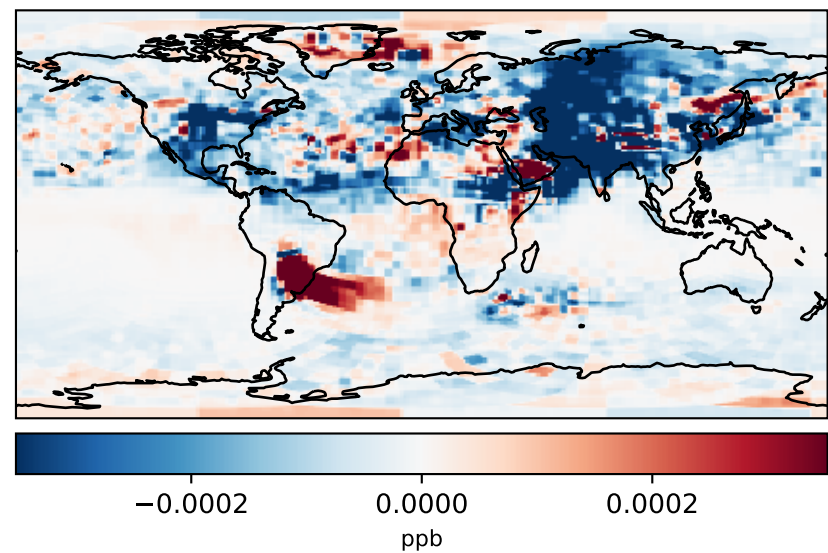
gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24



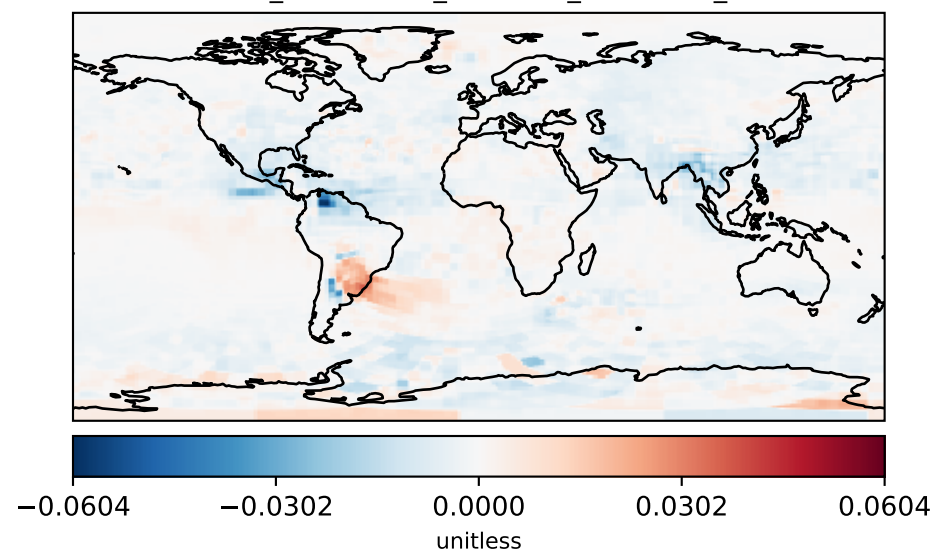
Difference (1x1.25)
Dev - Ref, Dynamic Range



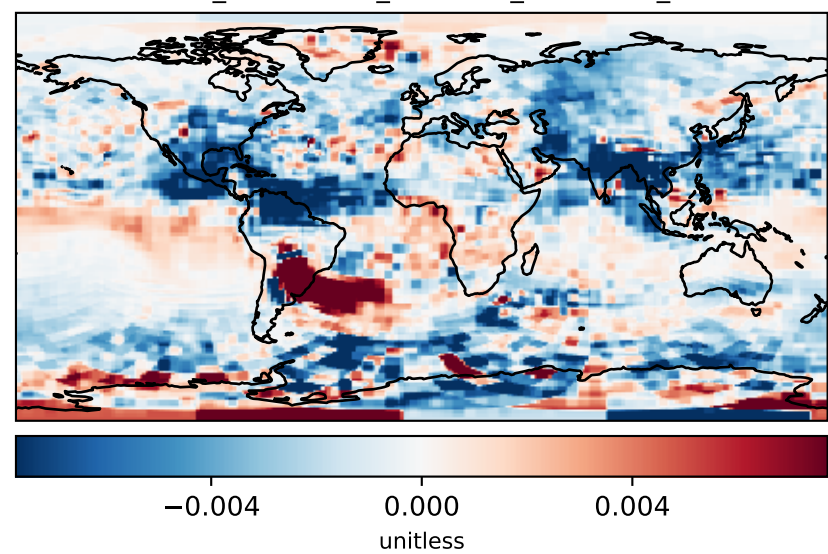
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

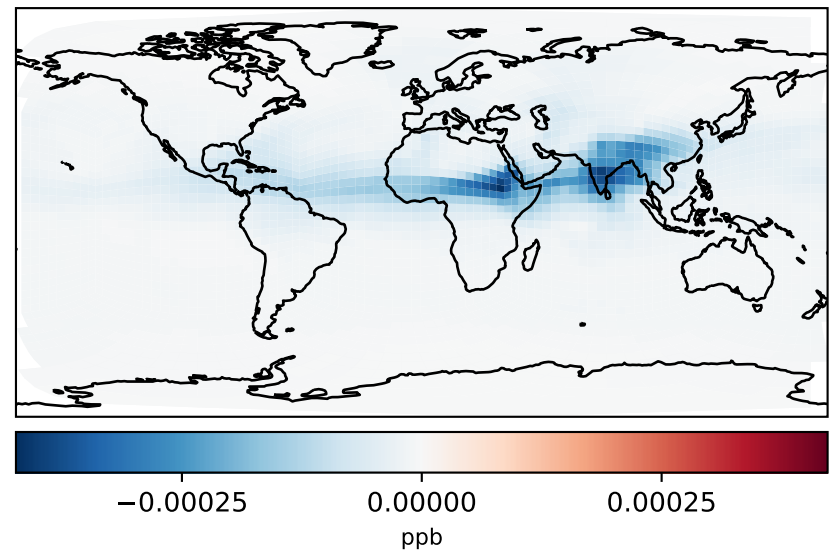
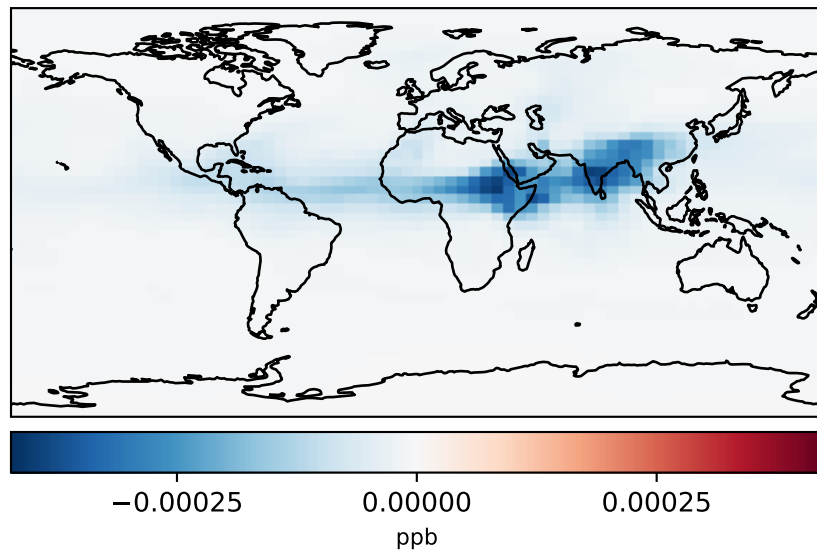


Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

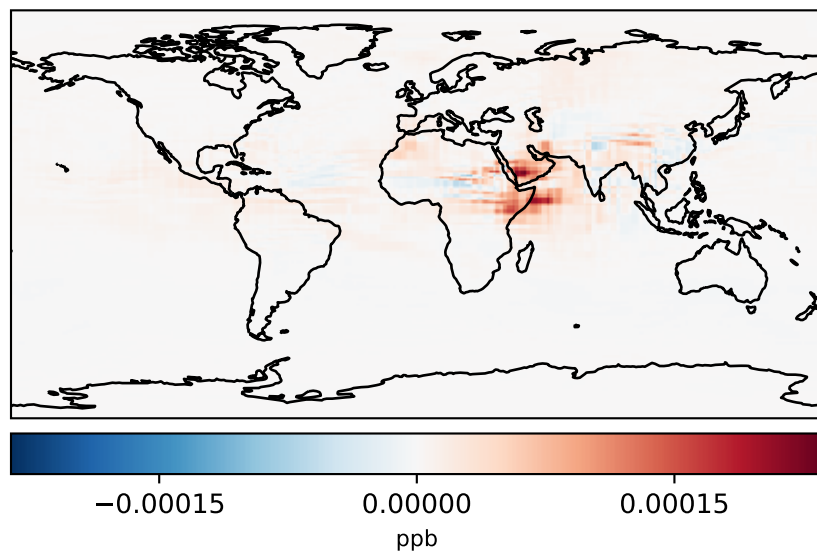


SpeciesConcVV_MEN03

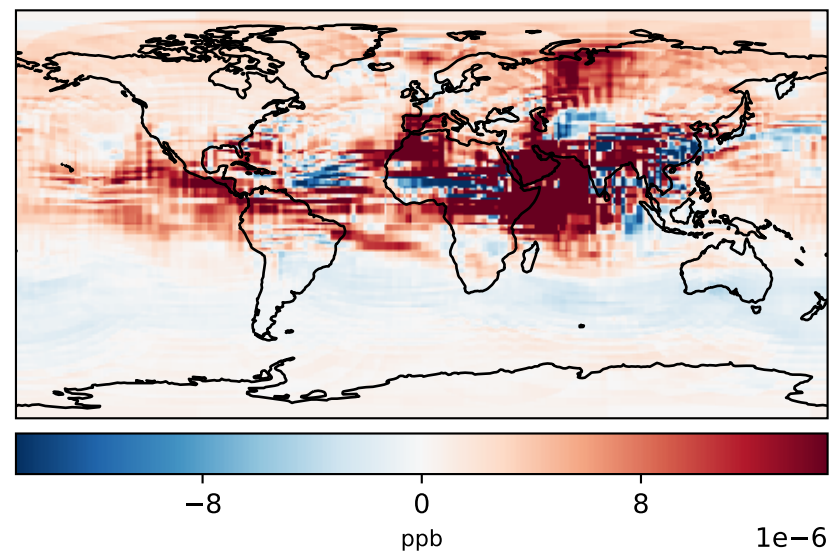
gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24



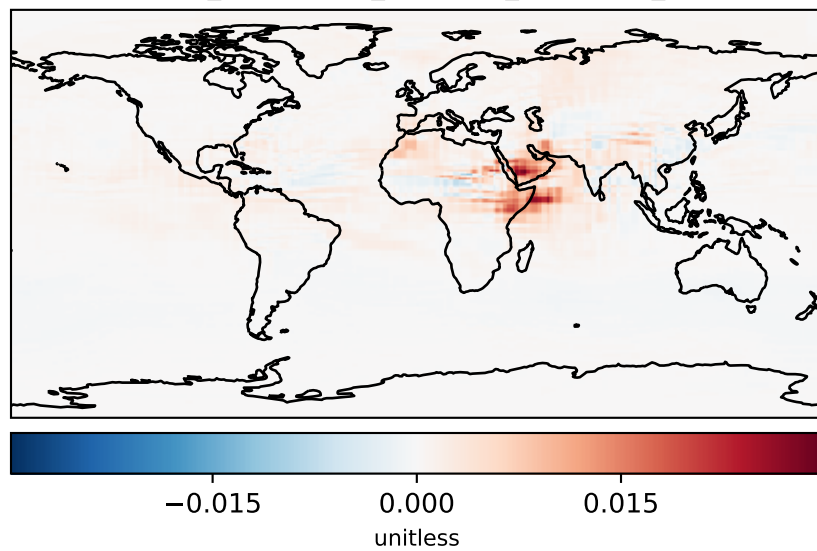
Difference (1x1.25)
Dev - Ref, Dynamic Range



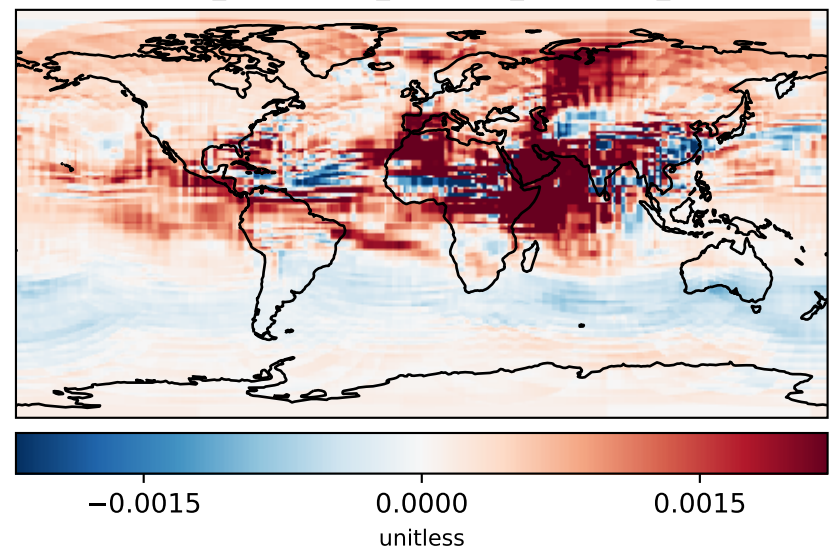
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

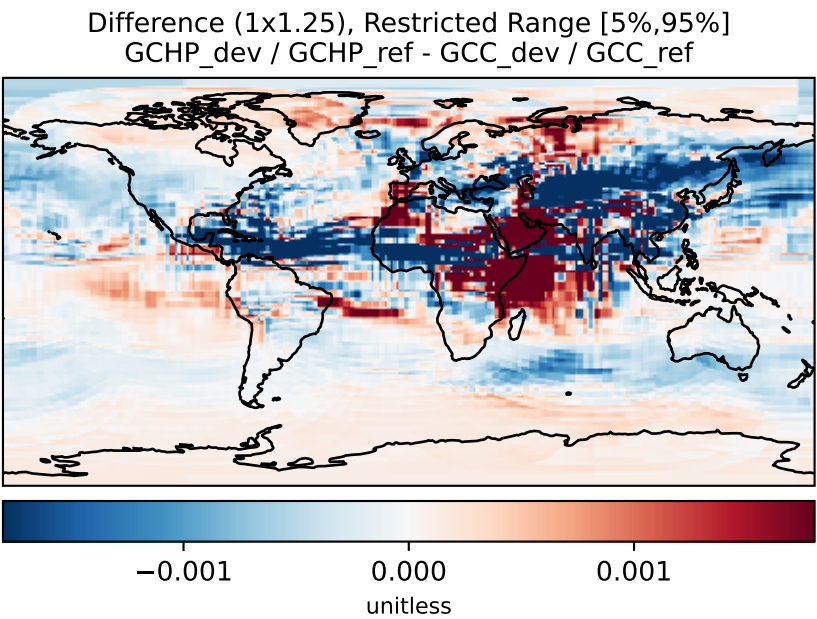
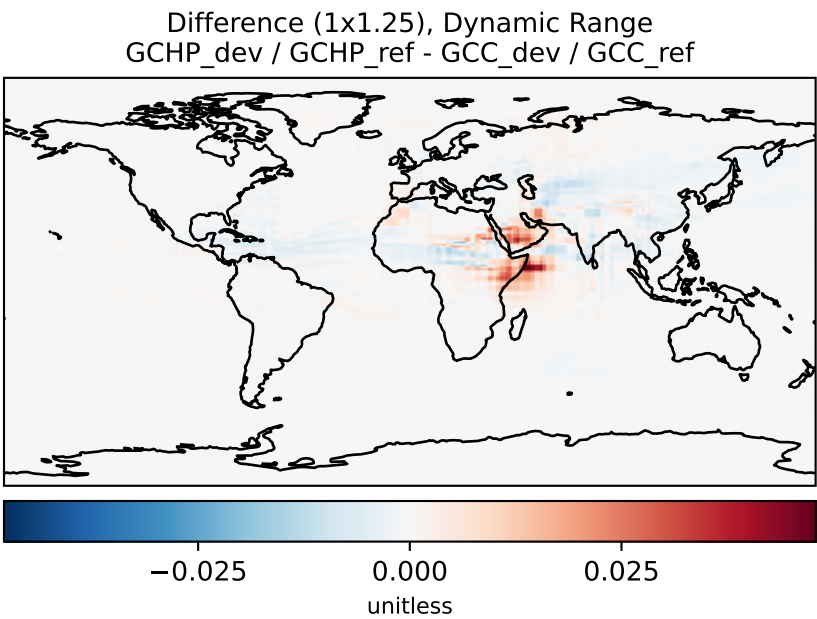
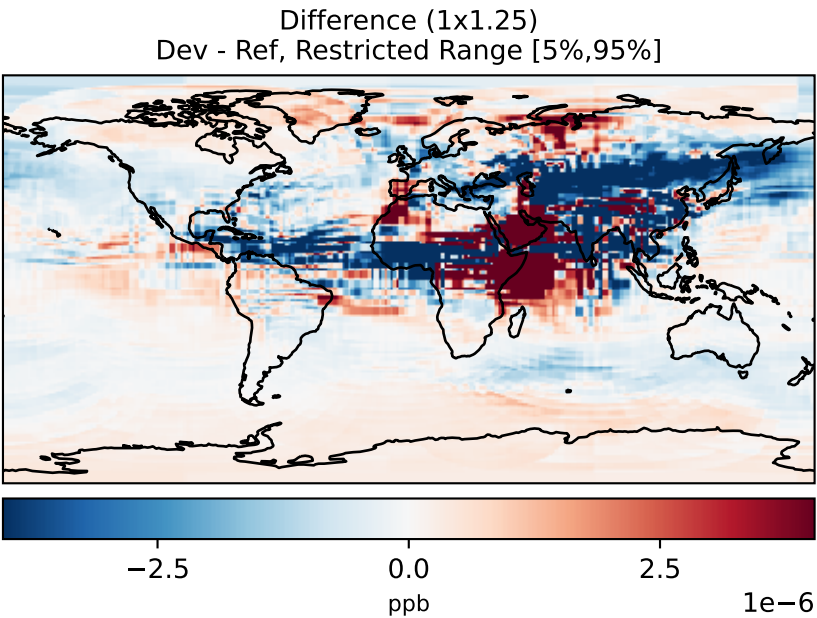
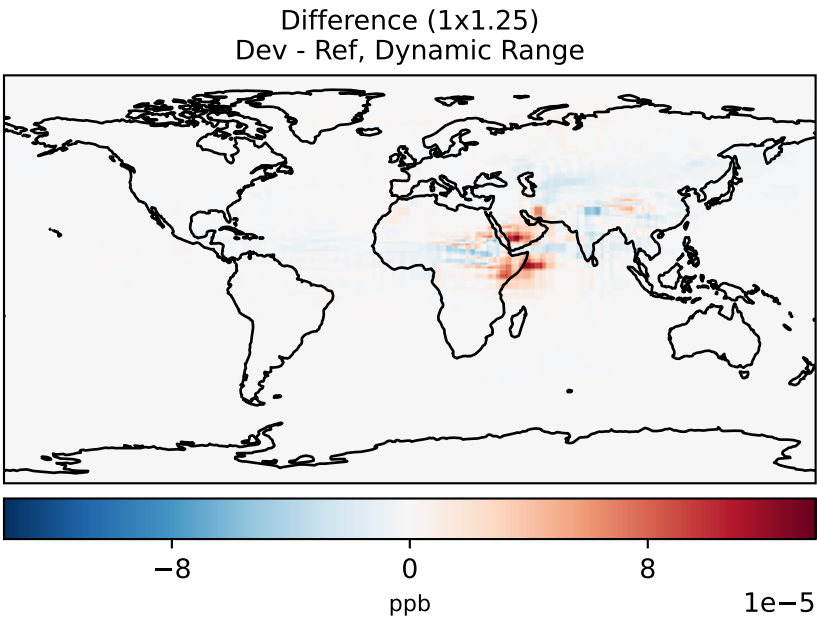
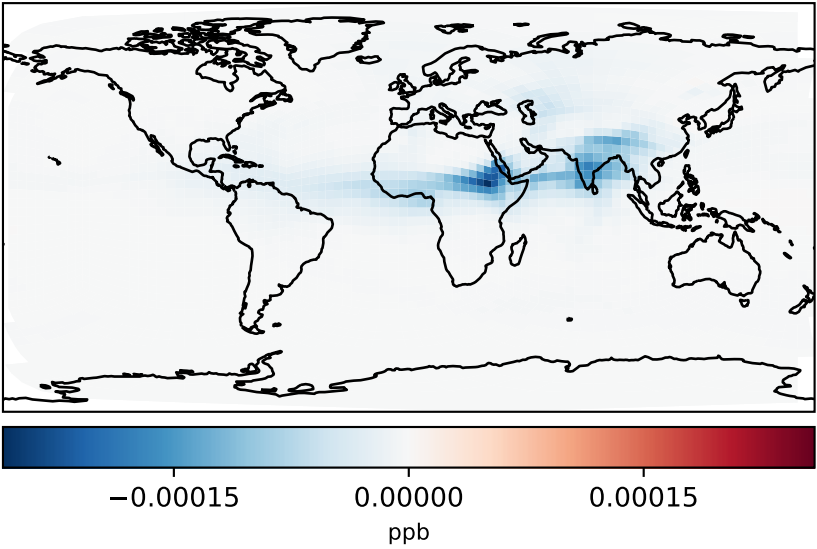
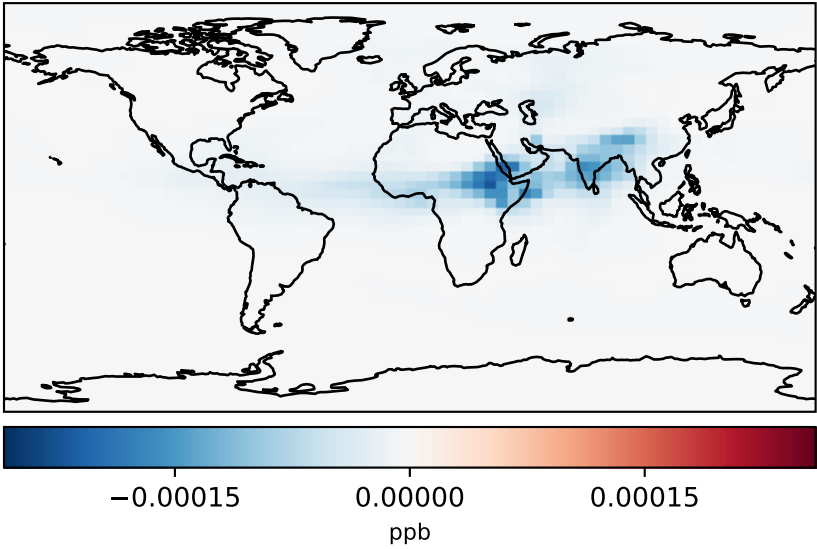


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



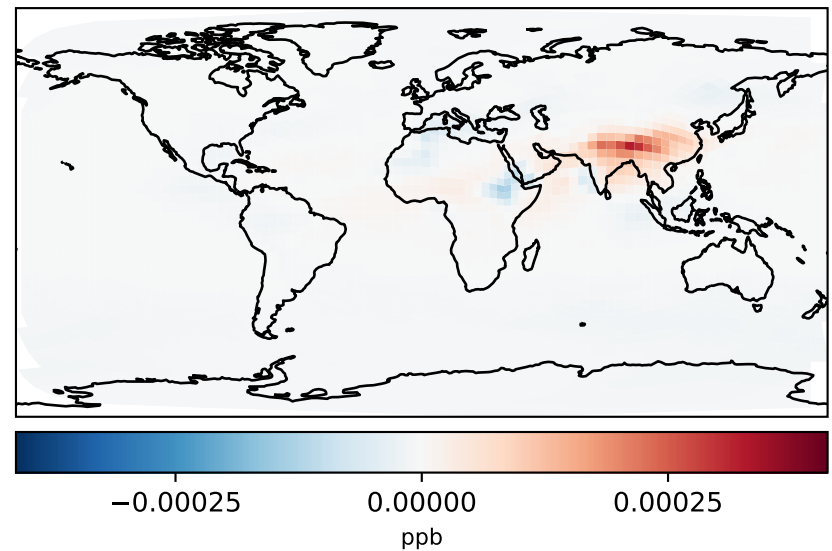
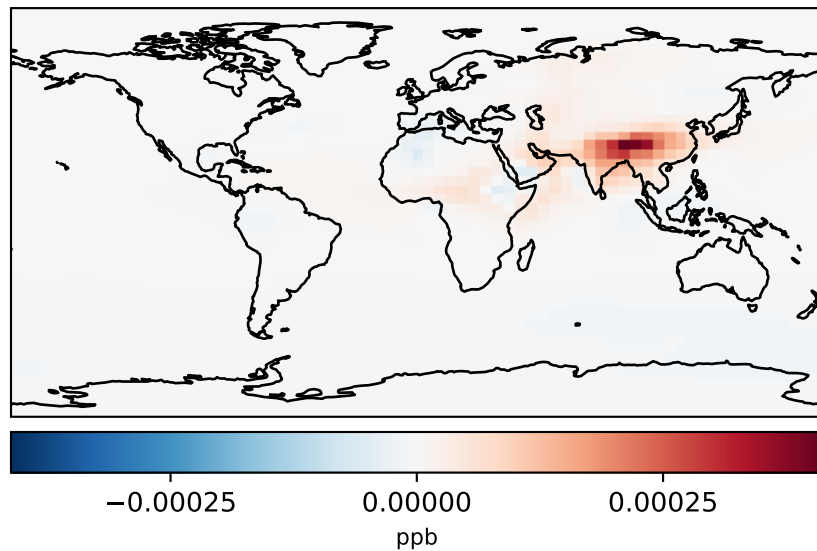
SpeciesConcVV_ETNO3

gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24

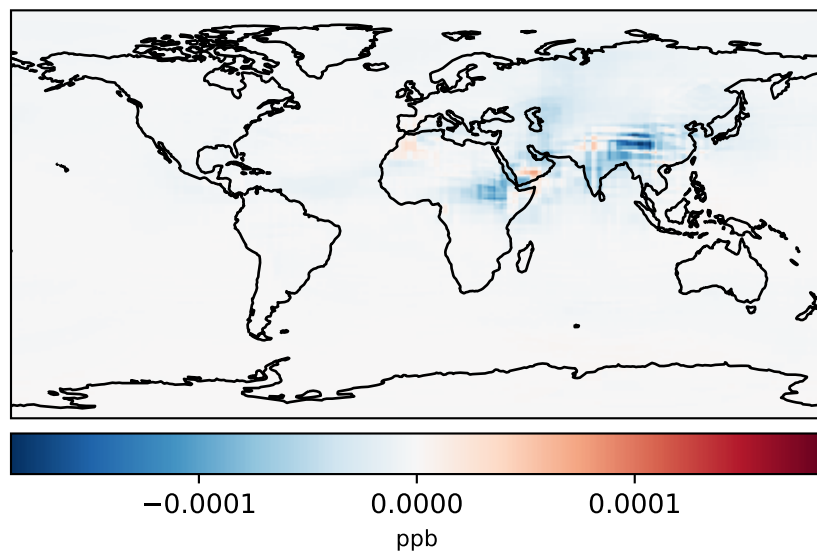


SpeciesConcVV_IPRNO3

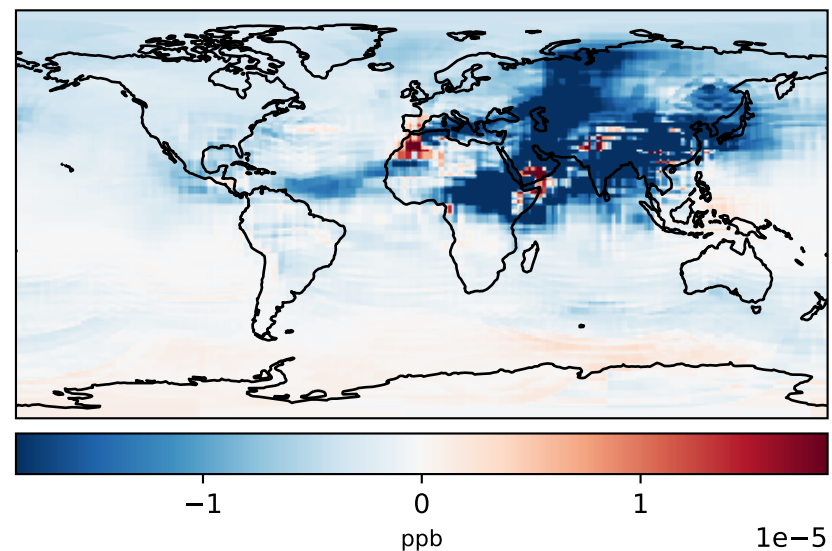
gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24



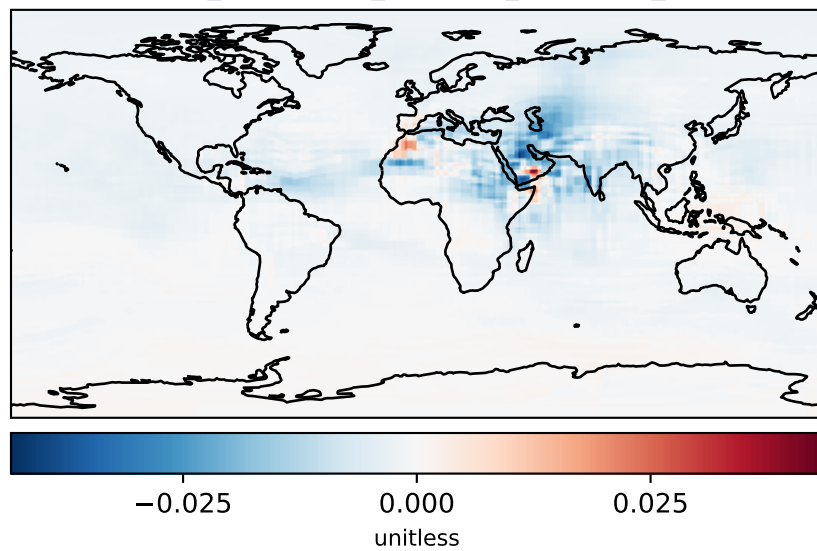
Difference (1x1.25)
Dev - Ref, Dynamic Range



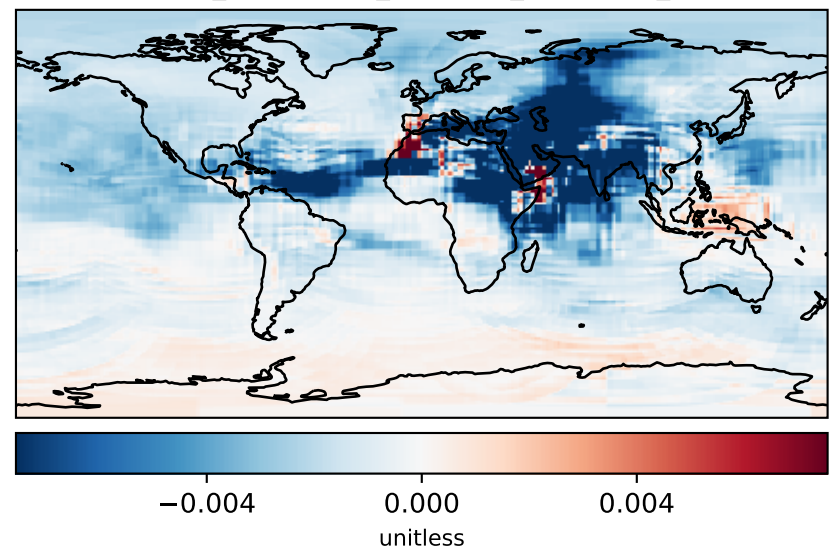
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

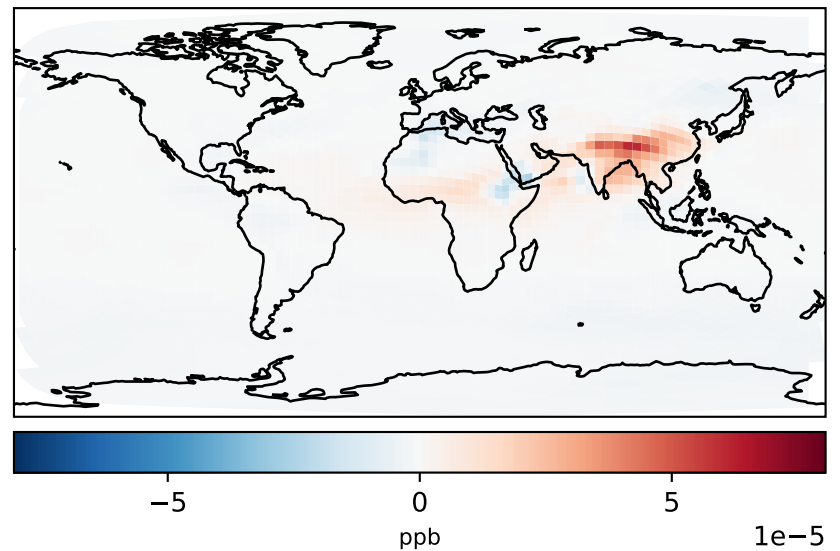
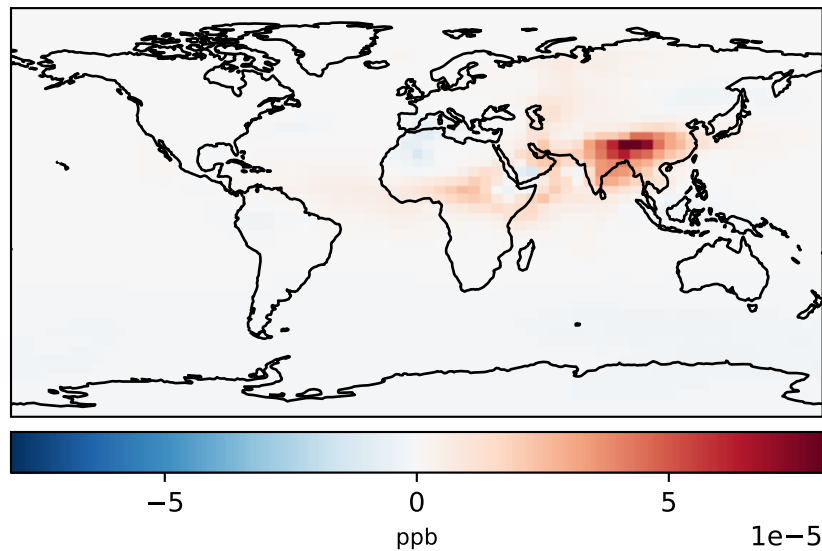


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

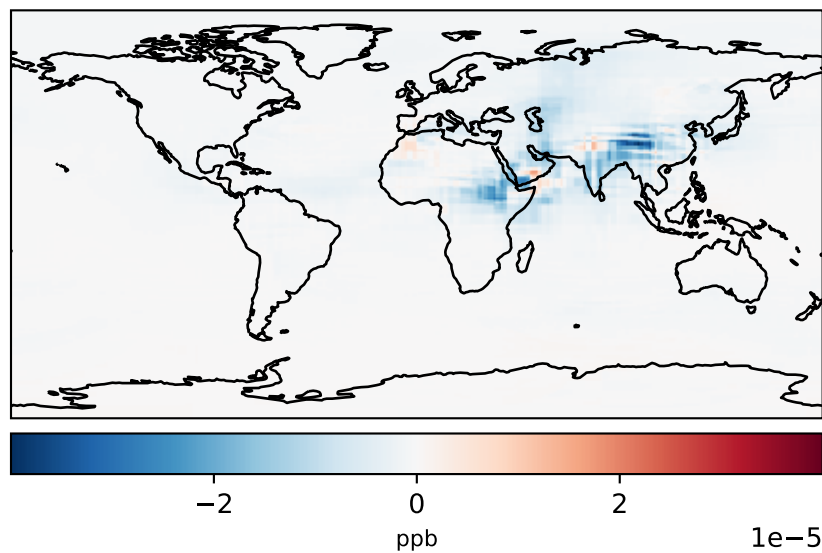


SpeciesConcVW_NPRNO3

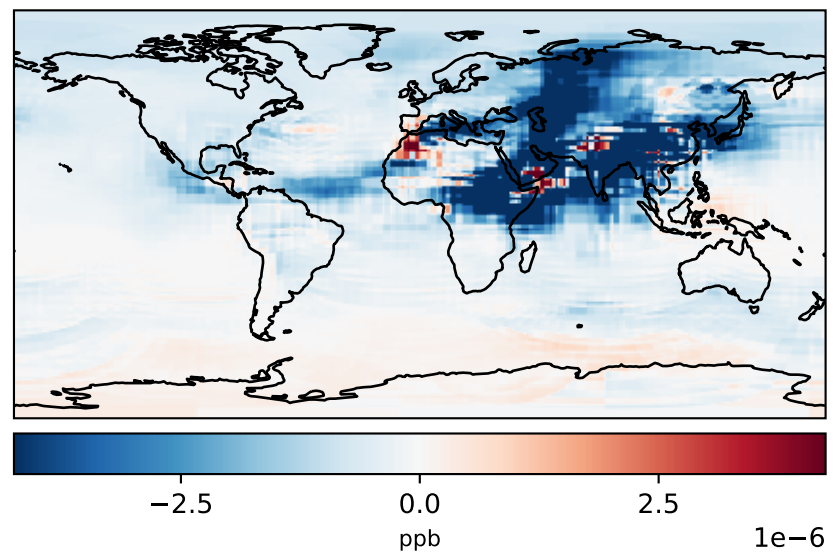
gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24



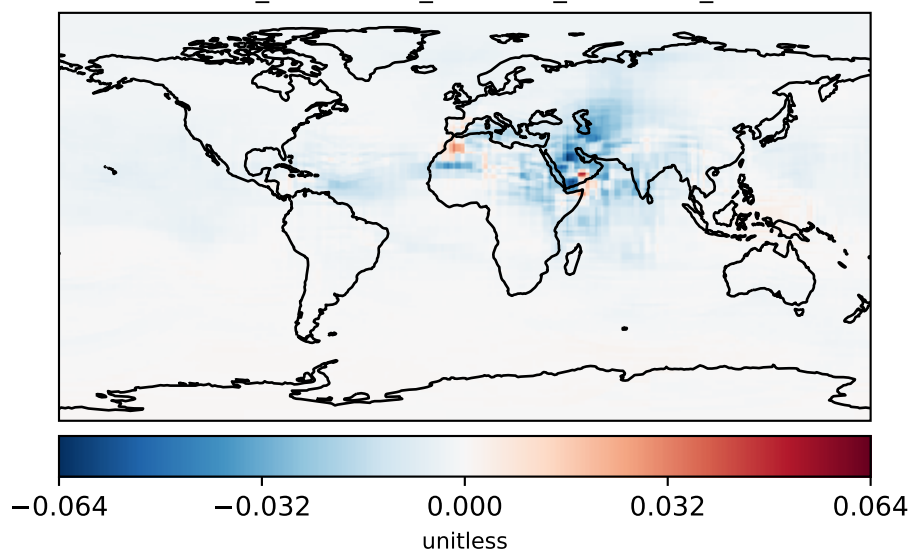
Difference (1x1.25)
Dev - Ref, Dynamic Range



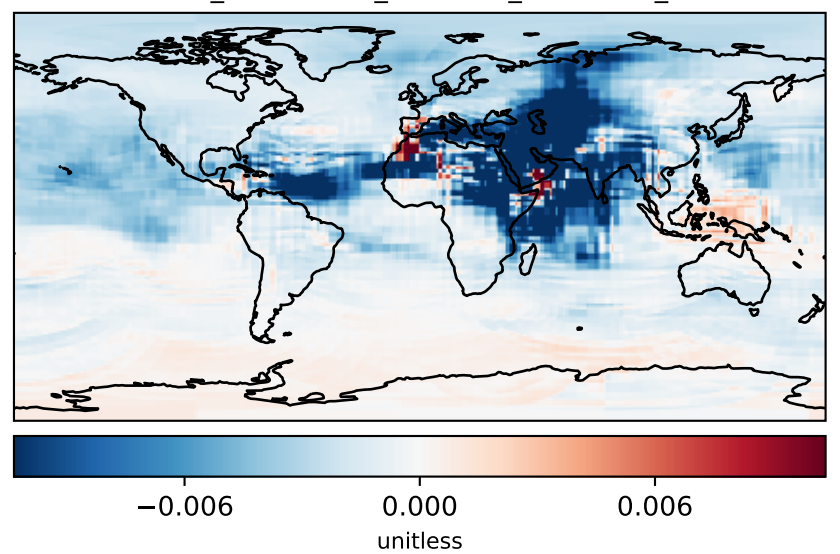
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

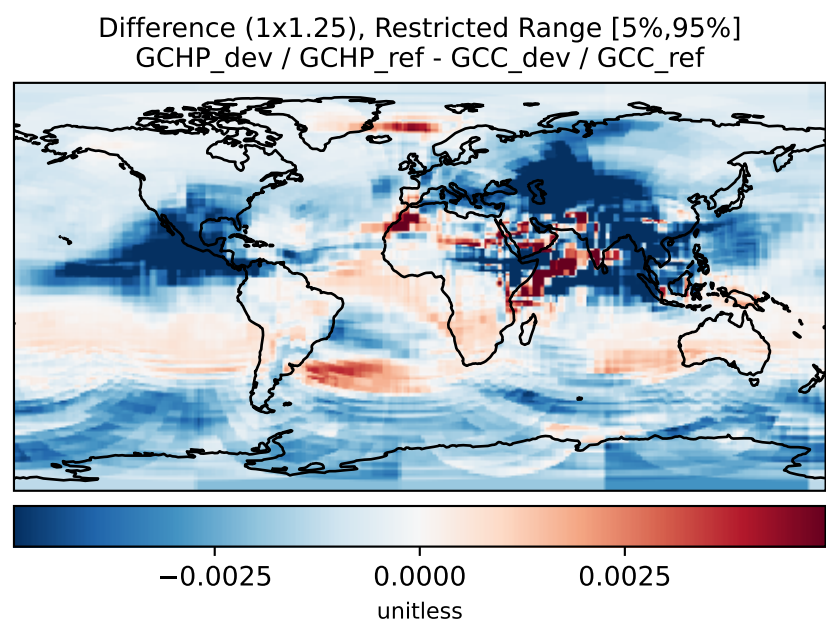
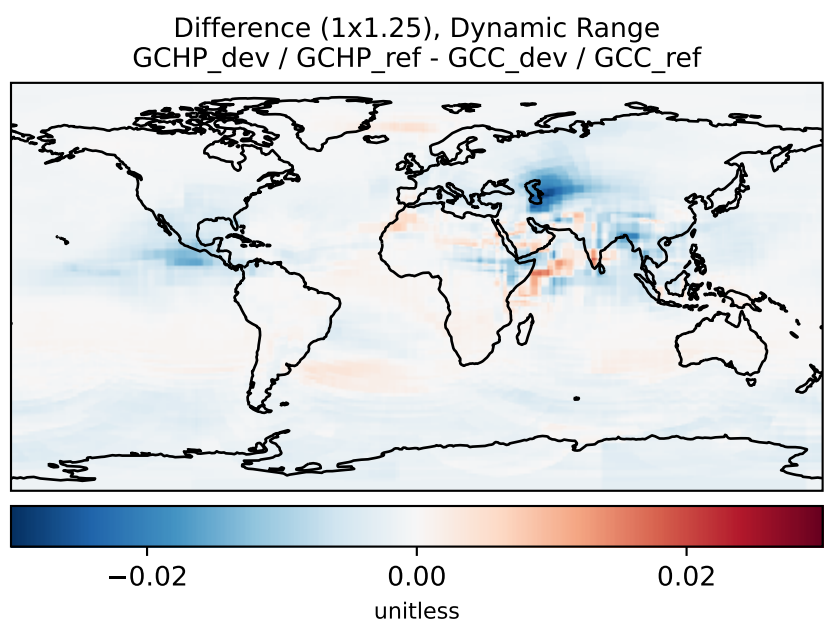
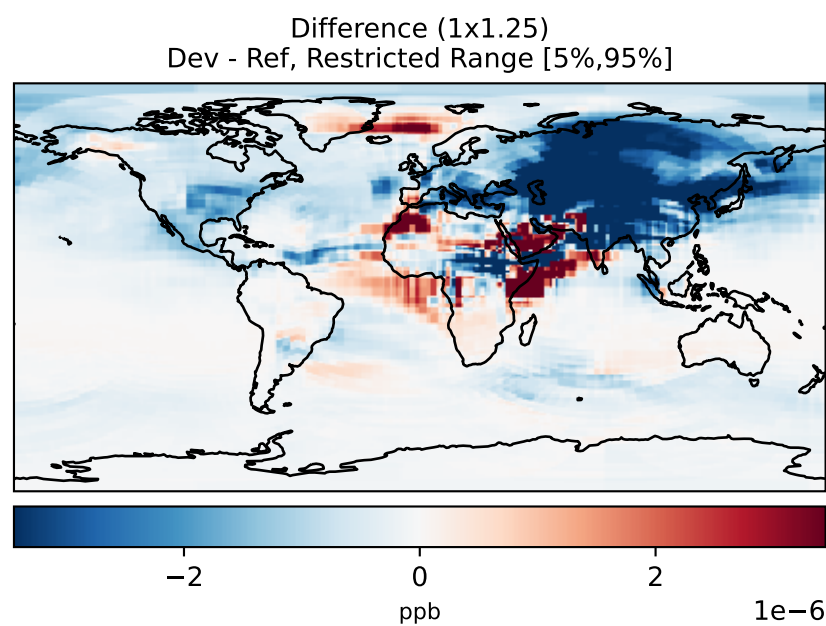
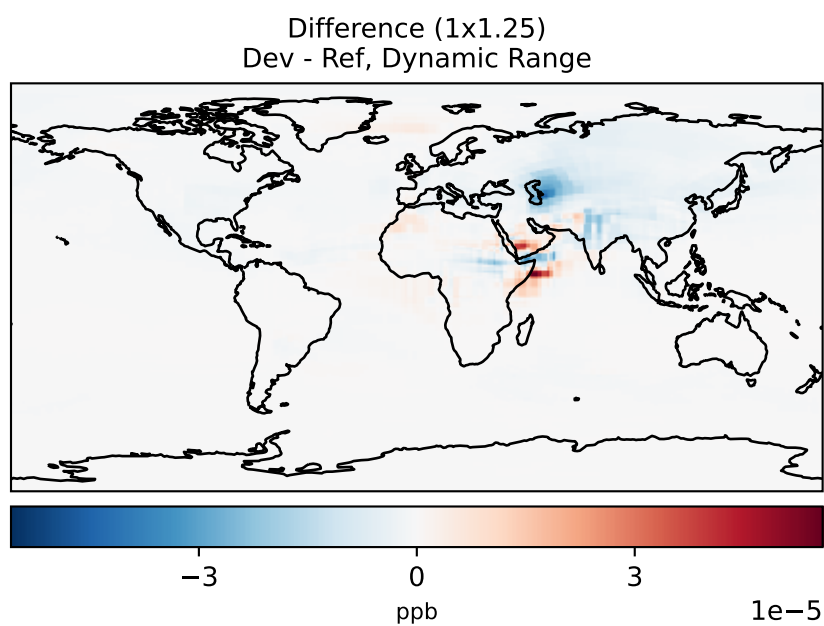
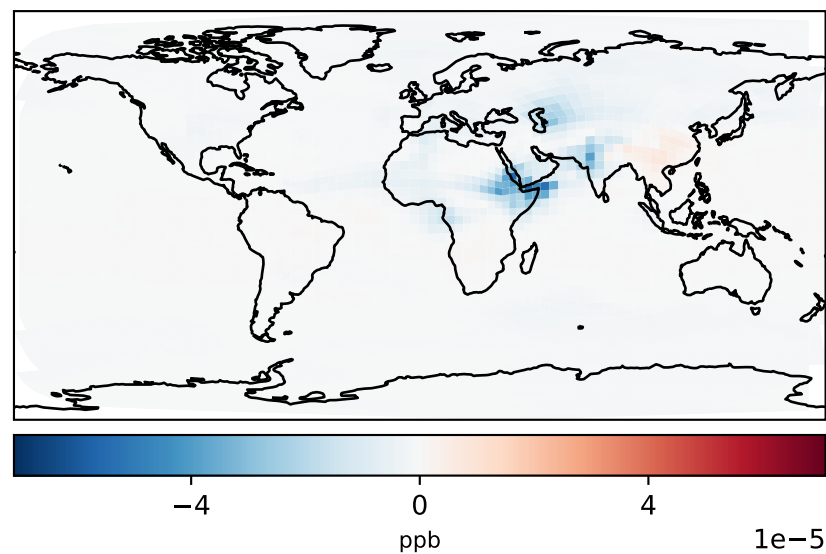
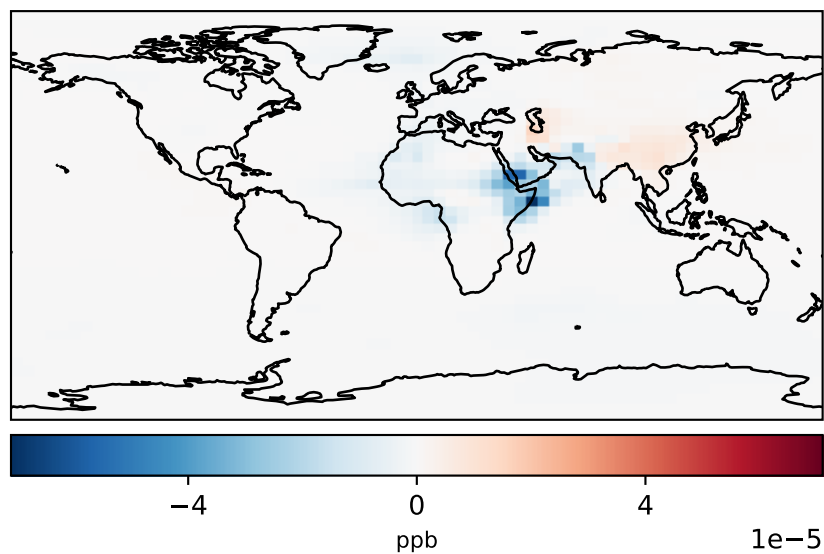


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



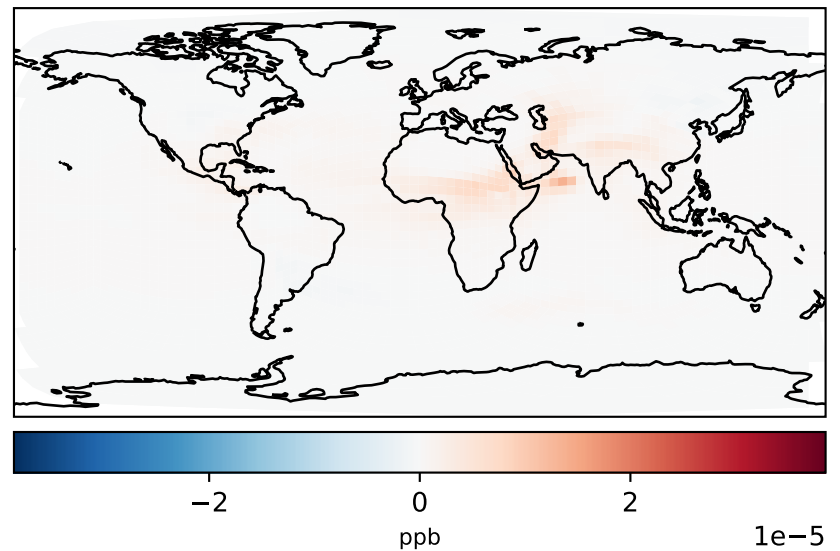
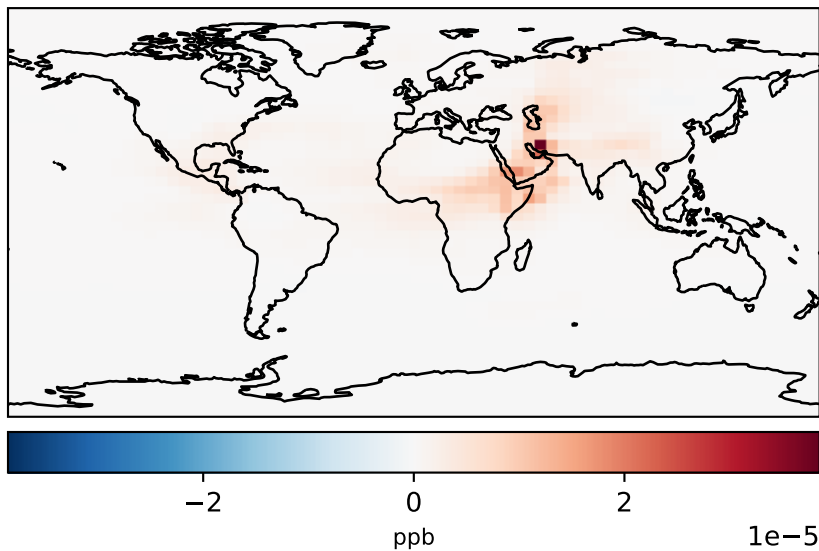
SpeciesConcVW_AONITA

gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24

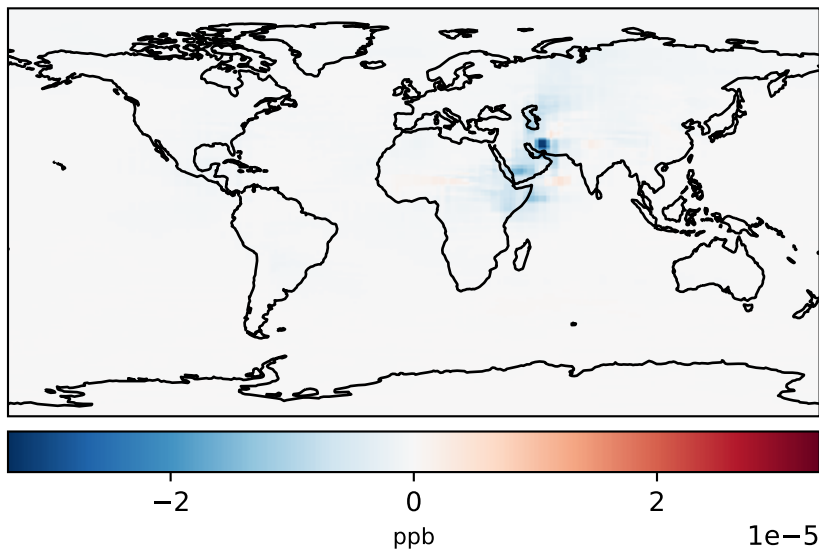


SpeciesConcVV_ETHN

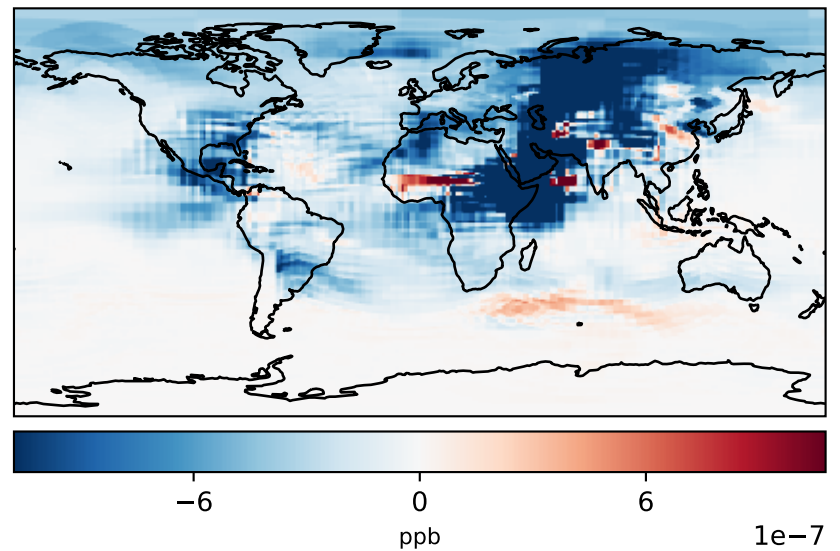
gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24



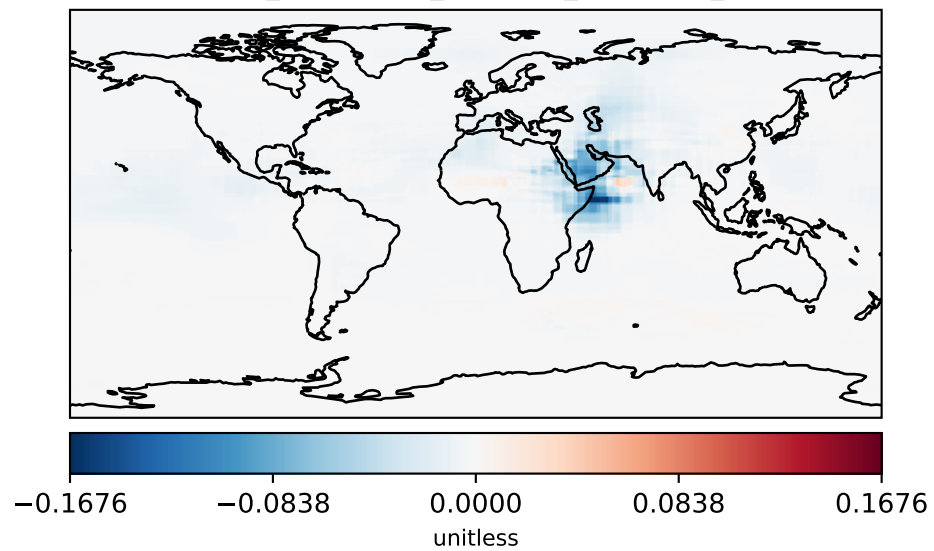
Difference (1x1.25)
Dev - Ref, Dynamic Range



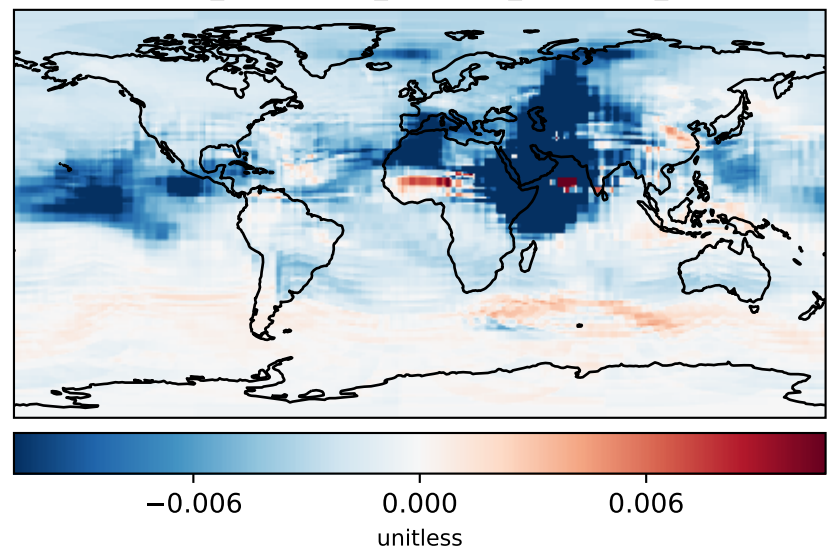
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

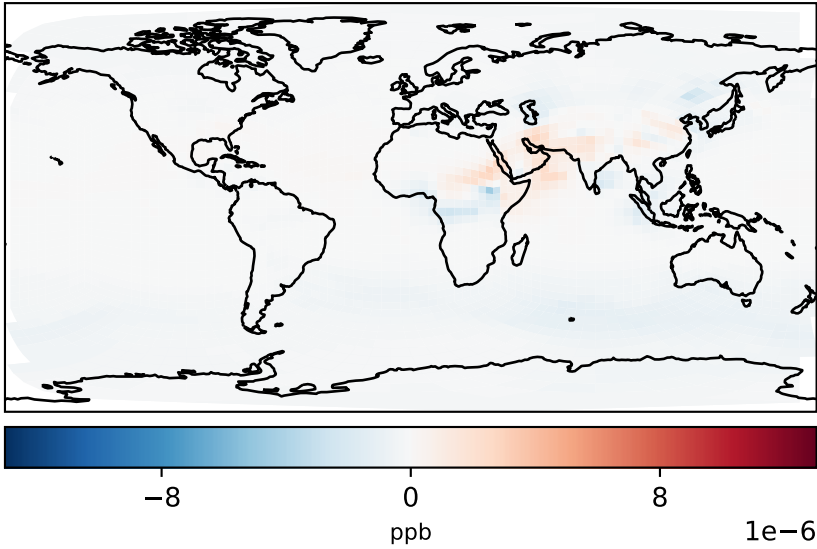
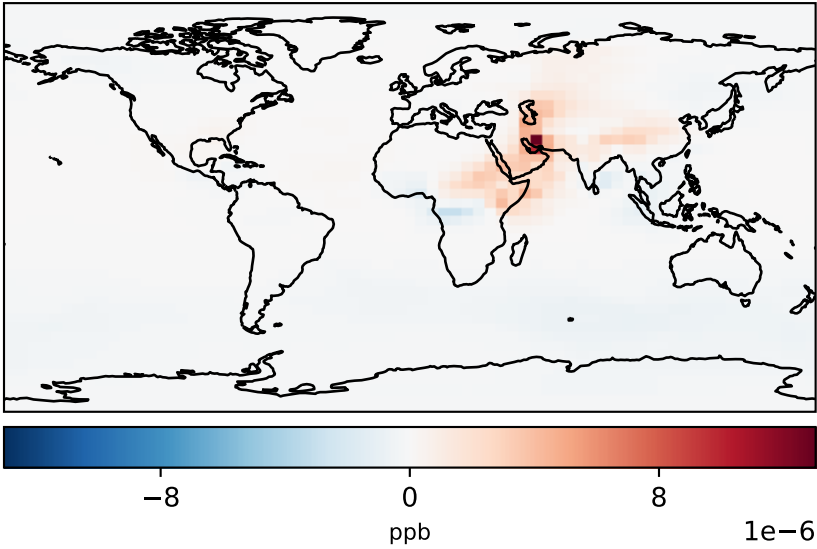


Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

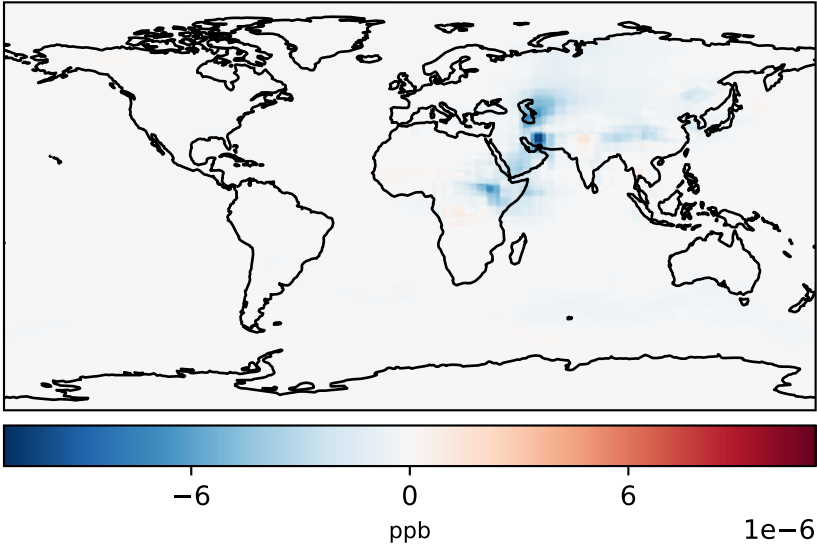


SpeciesConcVV_BZPAN

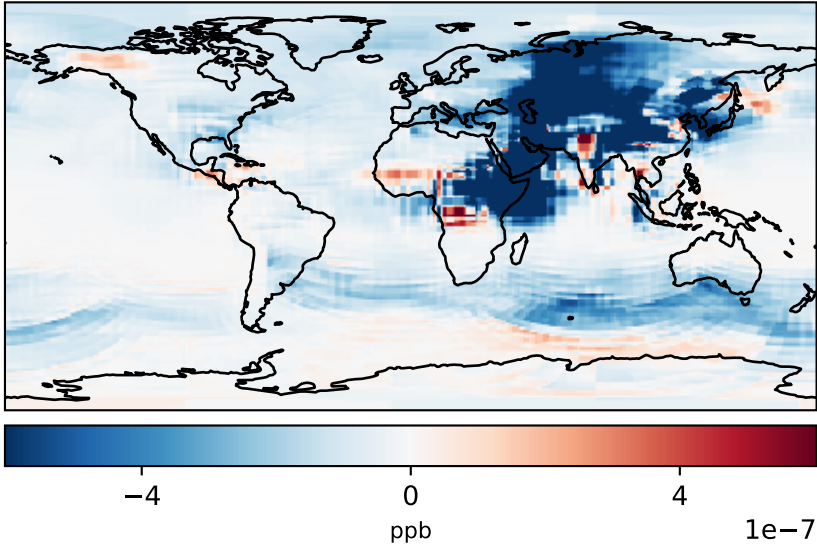
gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24



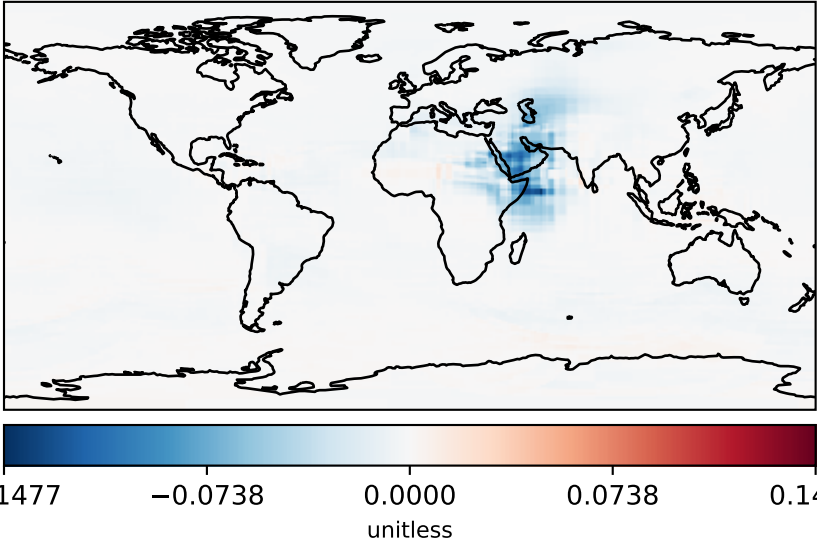
Difference (1x1.25)
Dev - Ref, Dynamic Range



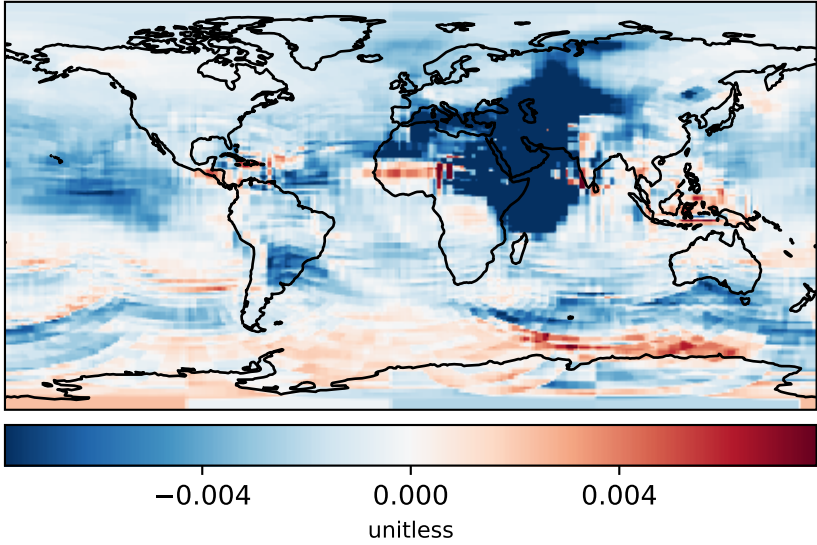
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

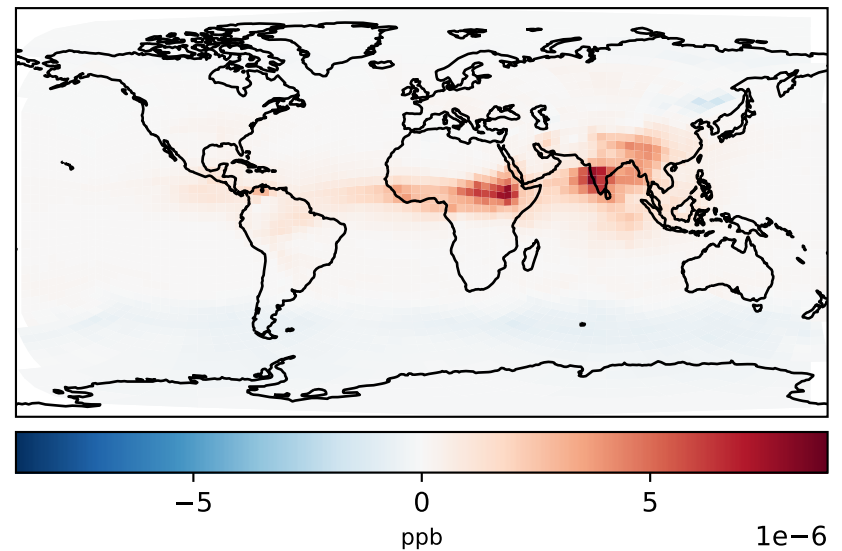
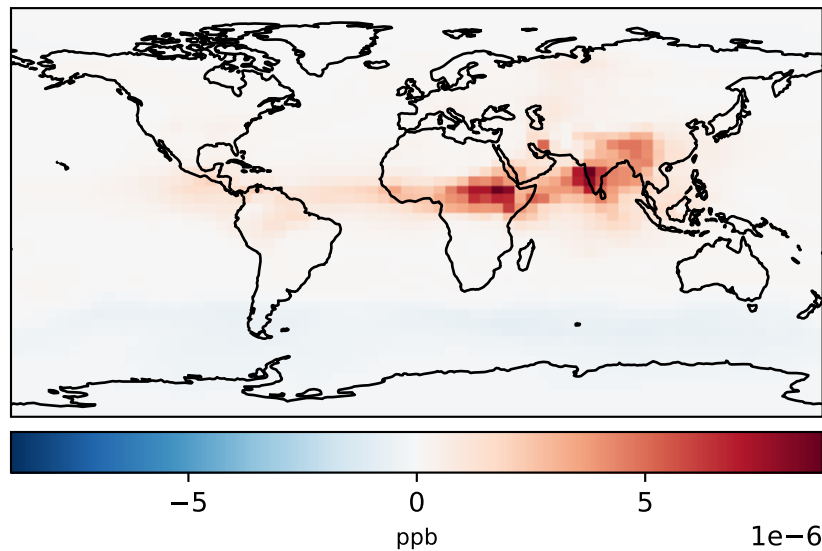


Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

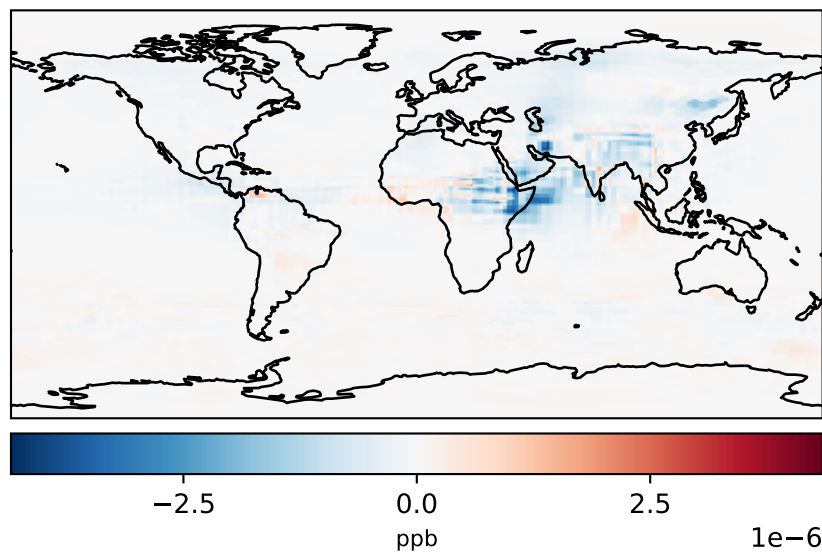


SpeciesConcVV_NPHEN

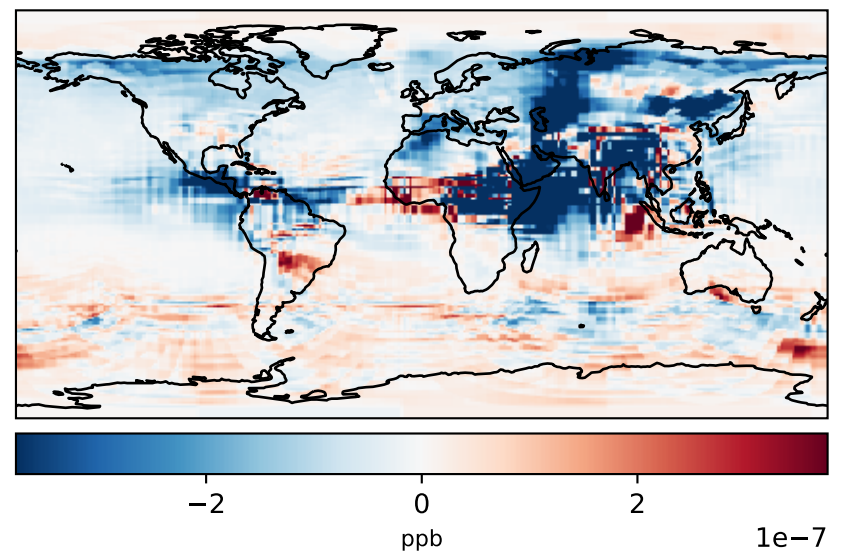
gcc-4x5-1Mon-14.7.0-alpha.17_-_gcc-4x5-1Mon-14.7.0-alpha.16 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.17_-_gchp-c24-1Mon-14.7.0-alpha.16 (Dev) c24



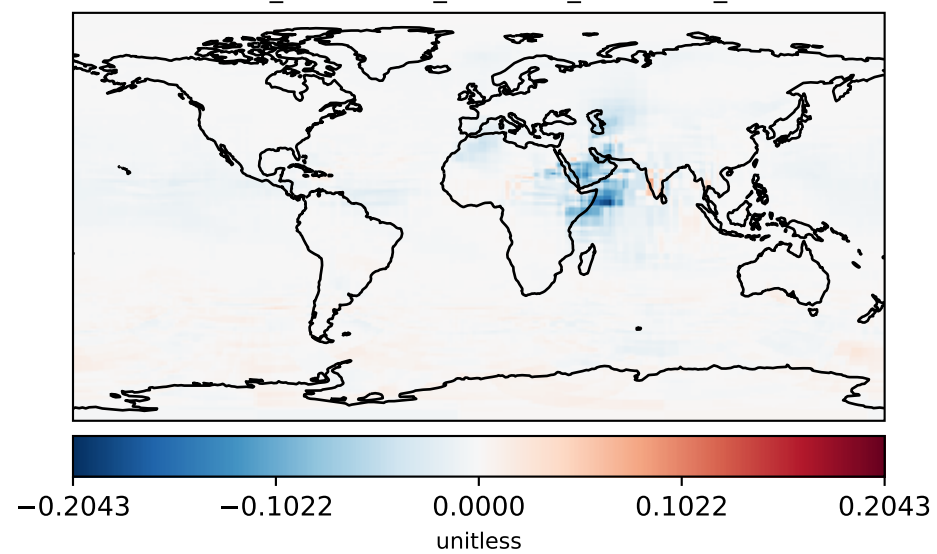
Difference (1x1.25)
Dev - Ref, Dynamic Range



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%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

