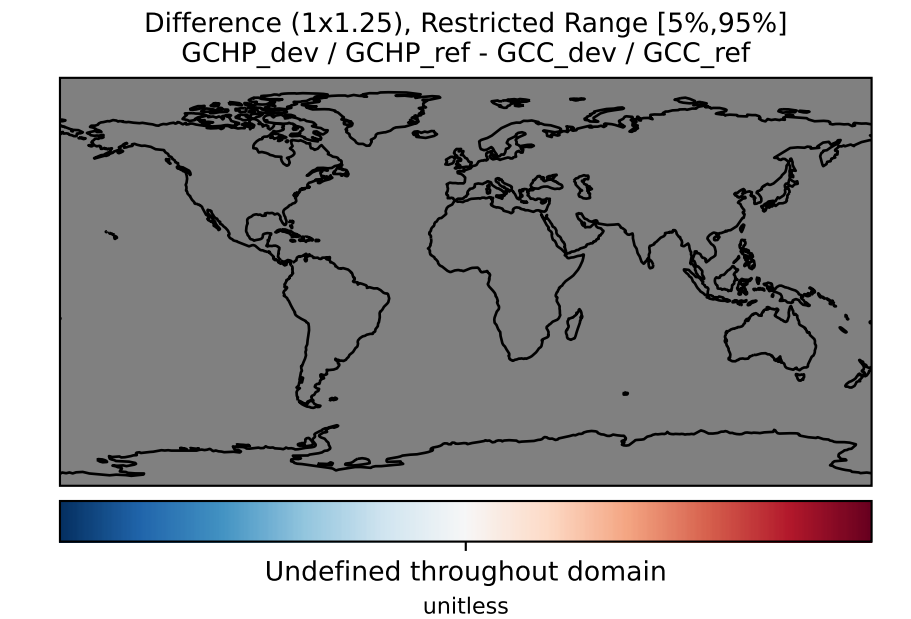
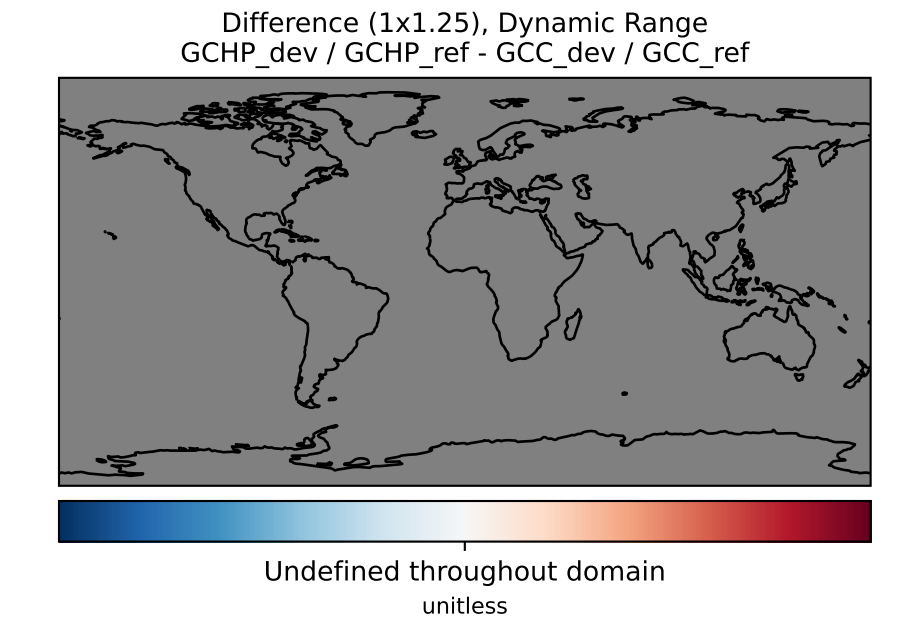
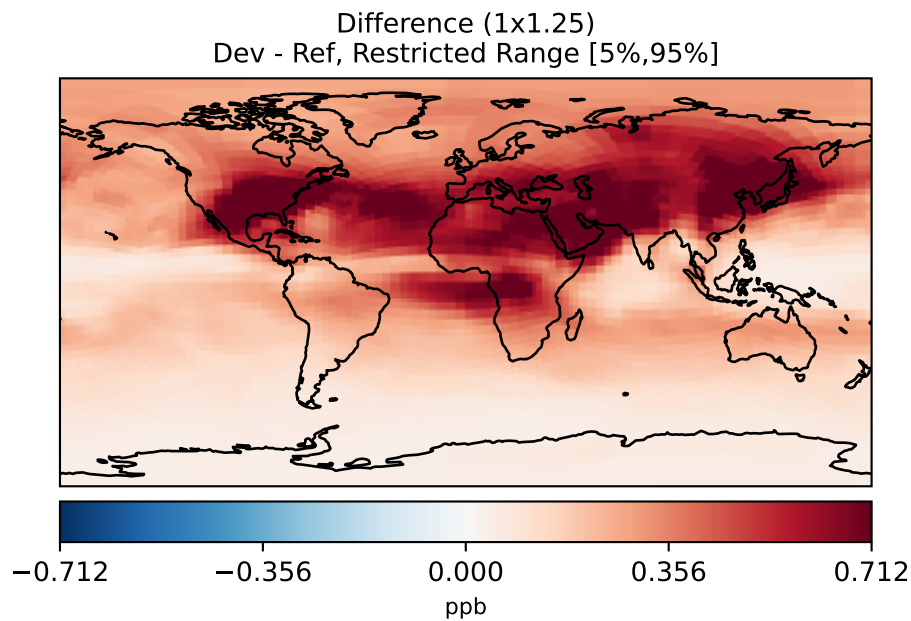
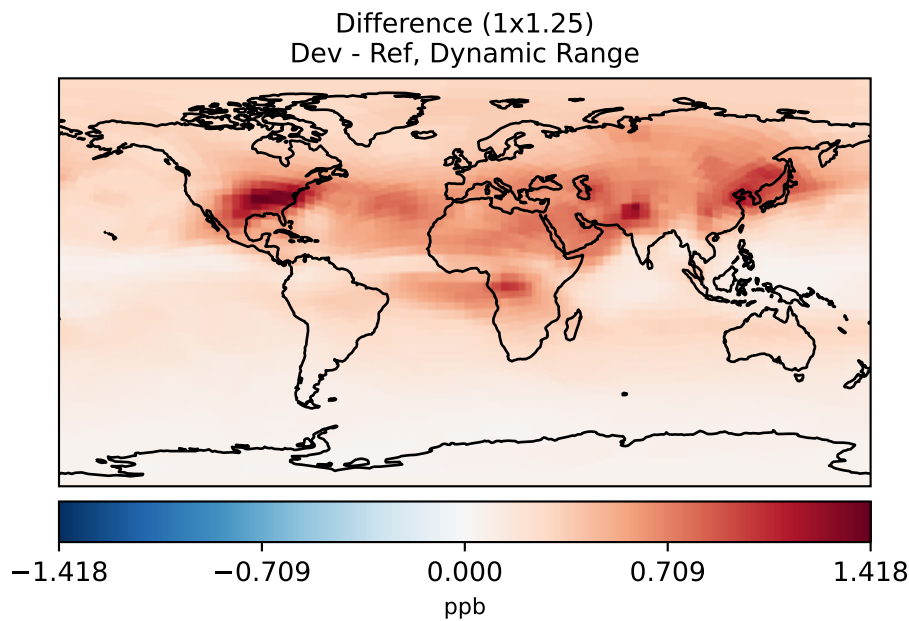
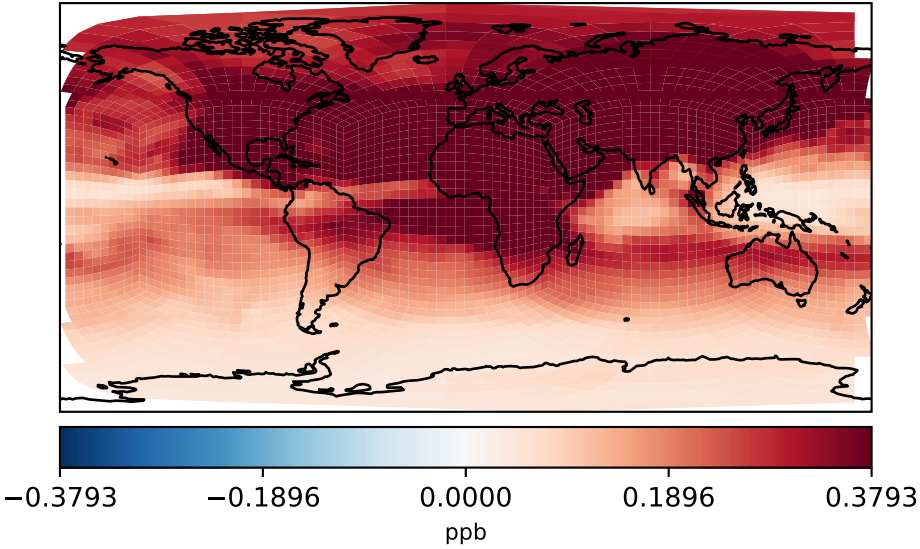
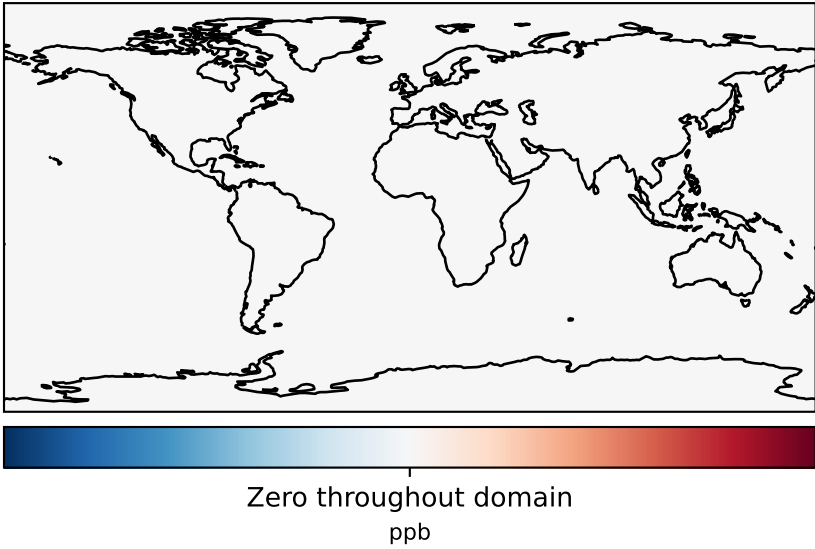


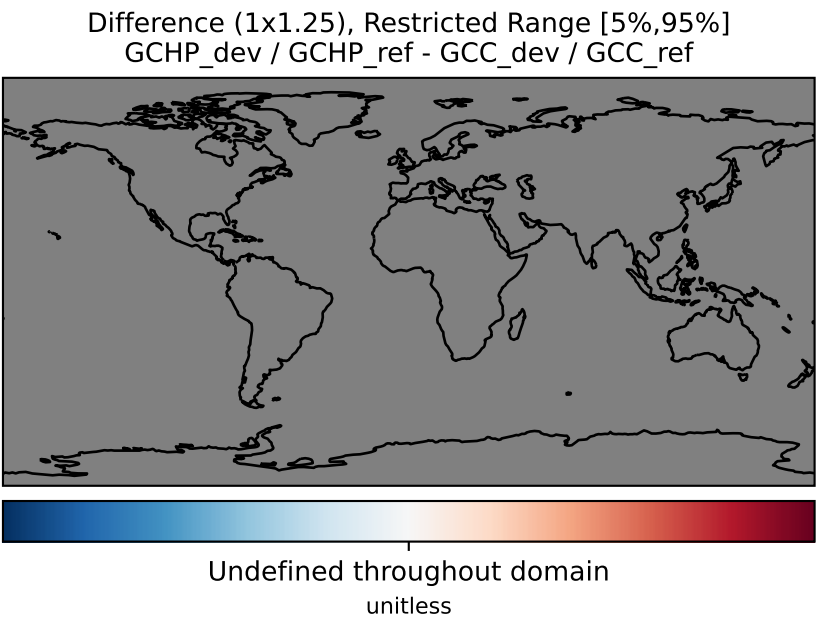
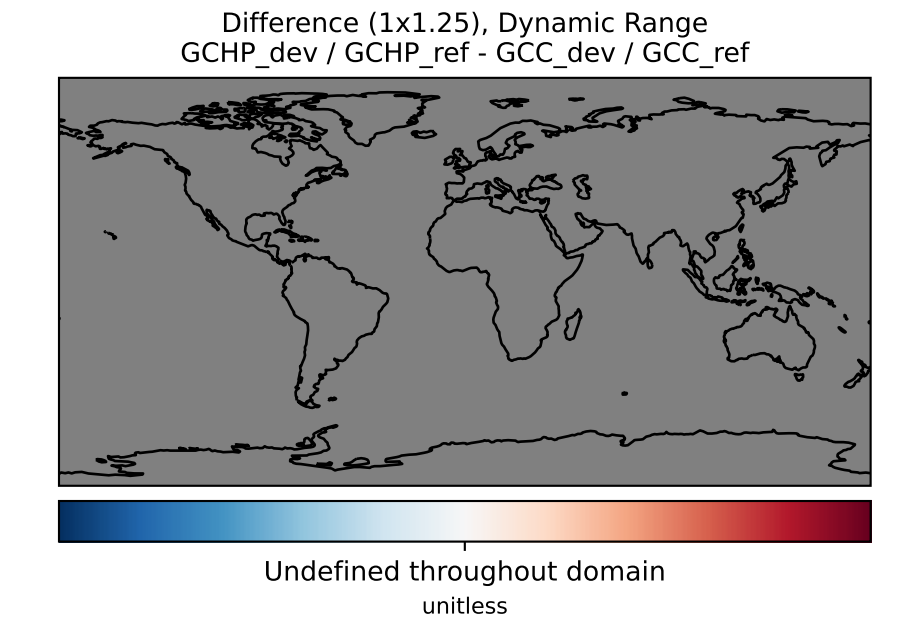
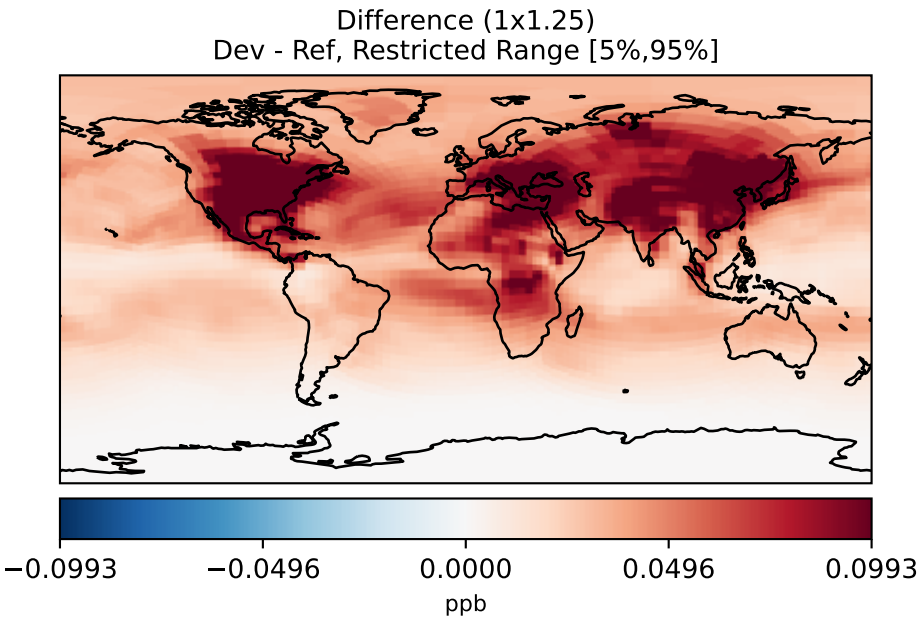
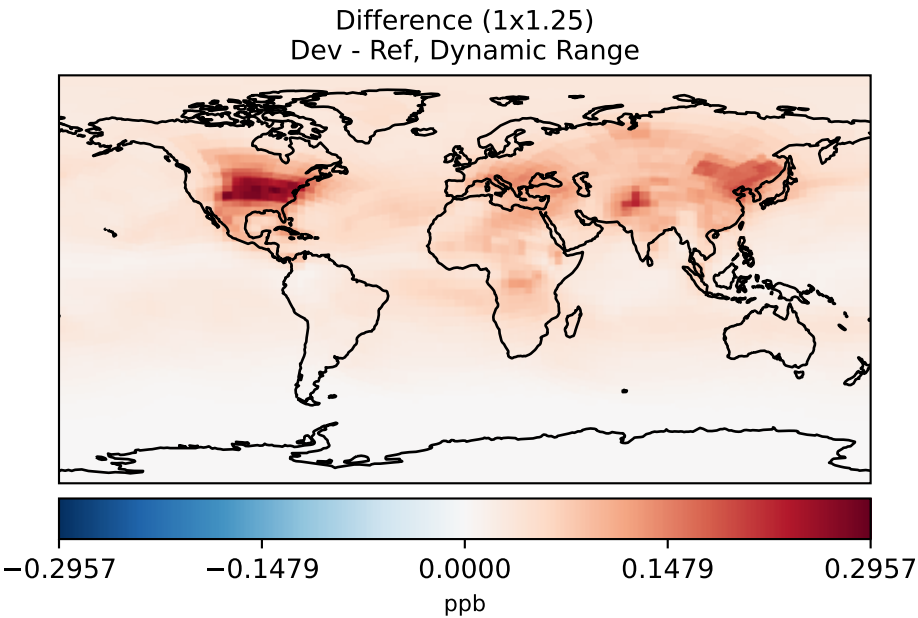
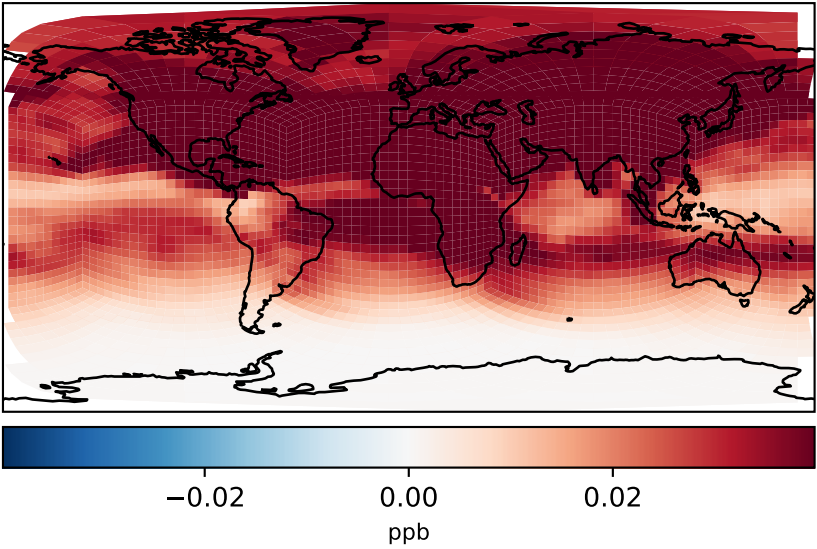
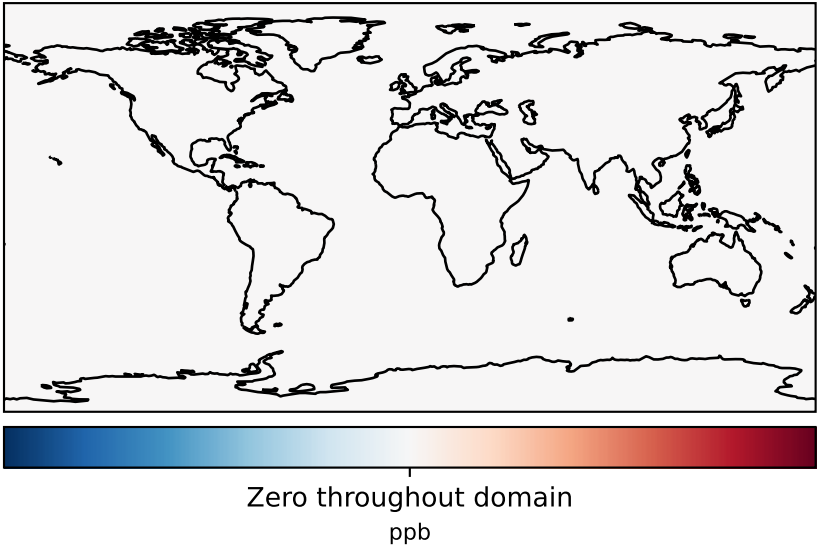
SpeciesConcVV_NOy

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24



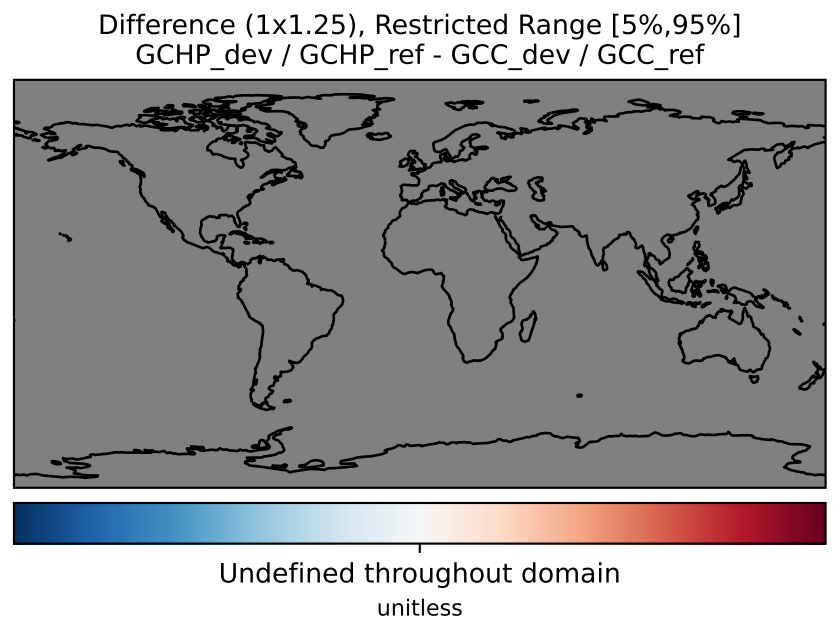
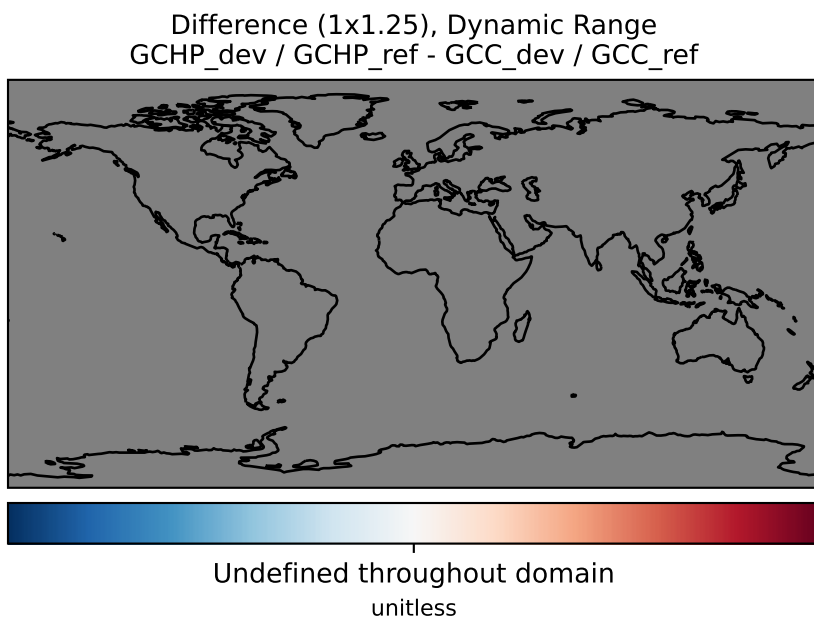
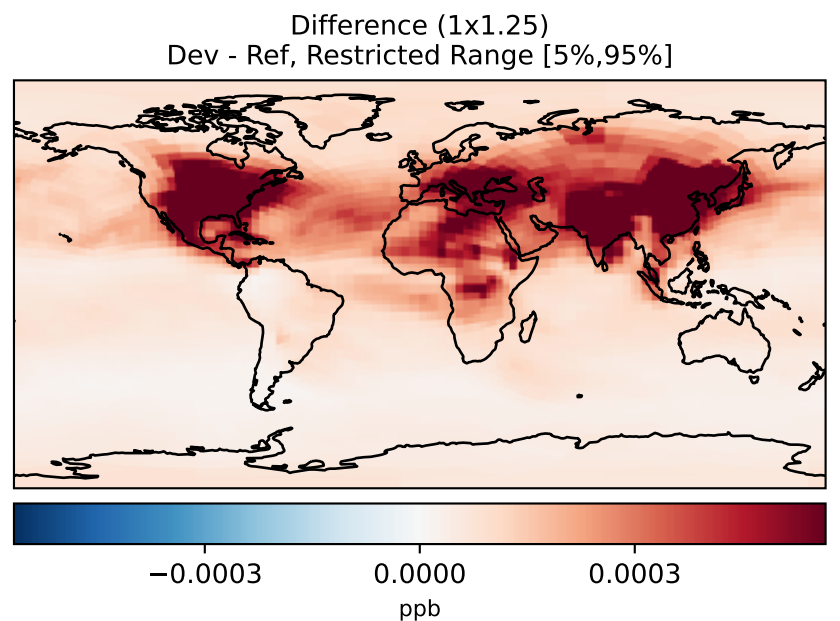
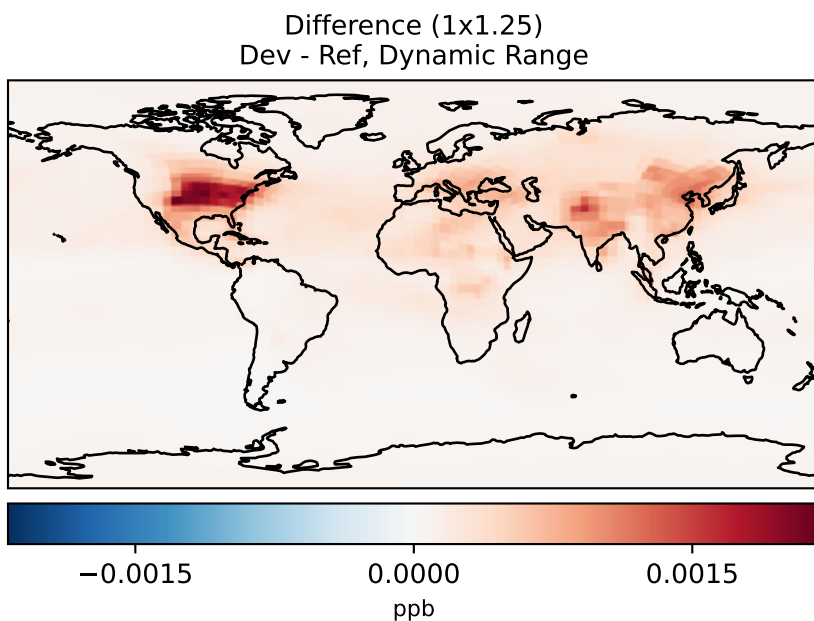
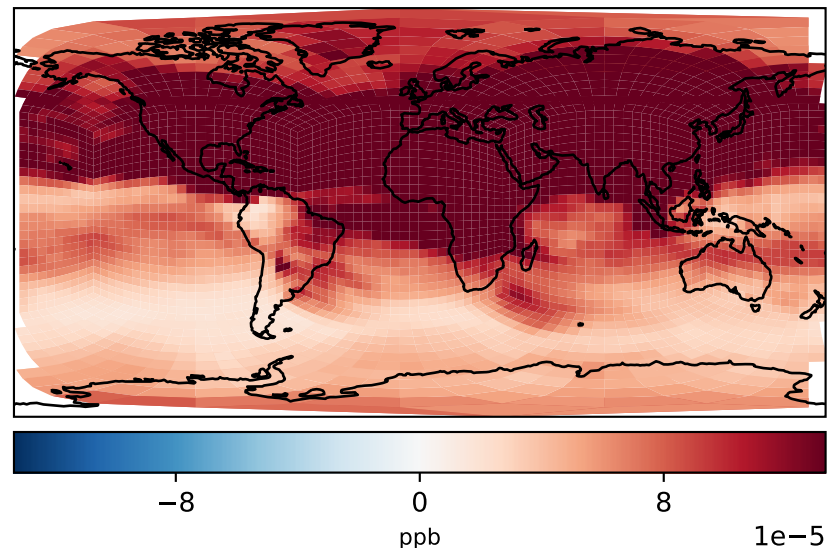
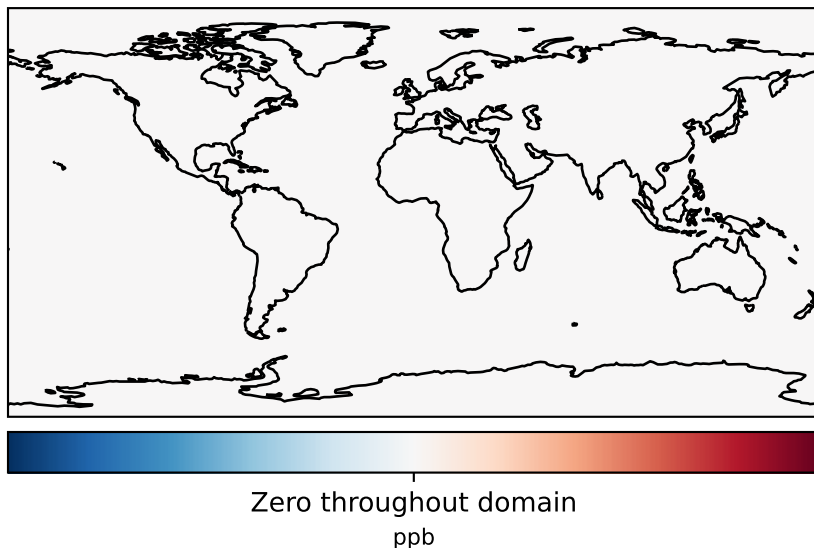
SpeciesConcVV_NOx

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24



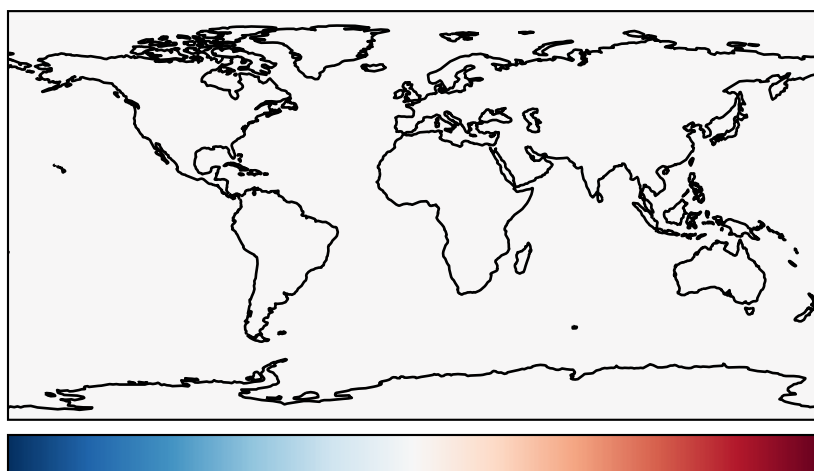
SpeciesConcVV_HNO2

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24

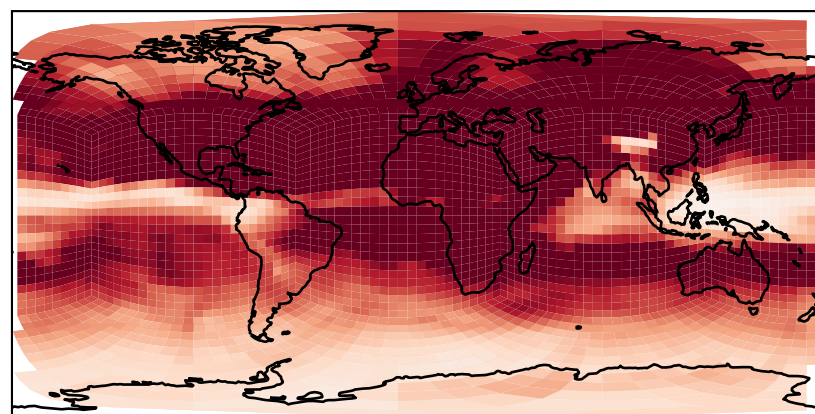


SpeciesConcVV_HNO3

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24

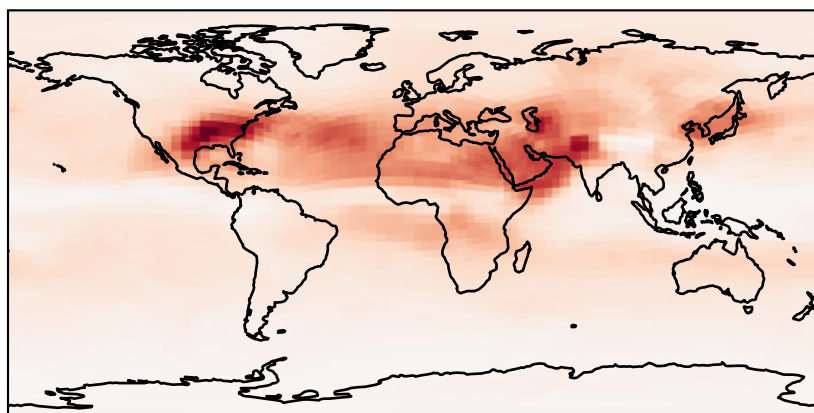


Zero throughout domain
ppb



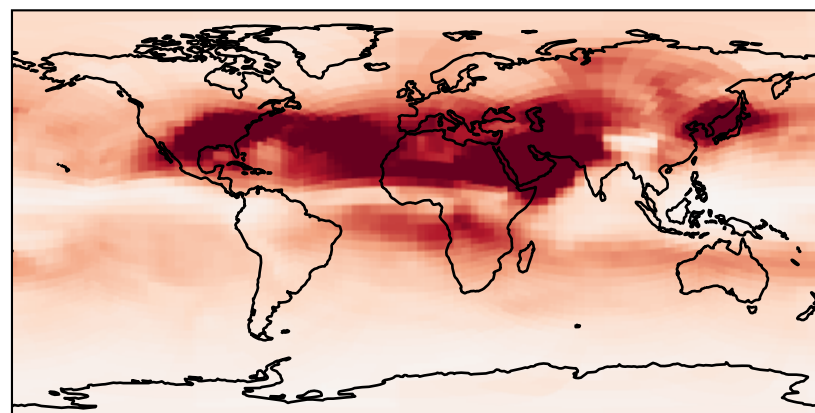
-0.1188 -0.0594 0.0000 0.0594 0.1188
ppb

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



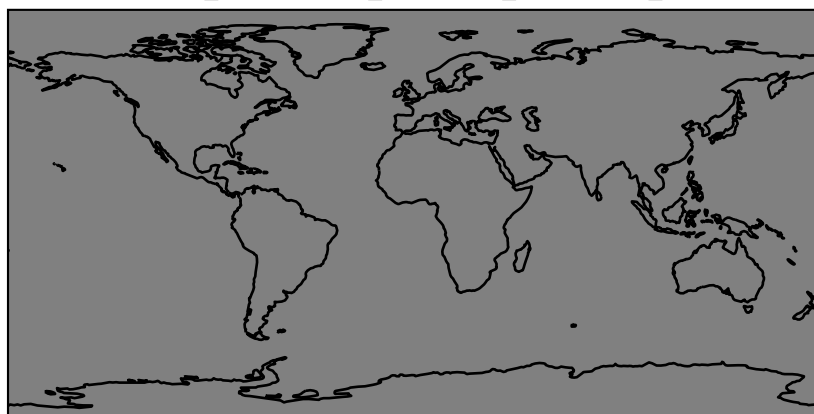
-0.78 -0.39 0.00 0.39 0.78
ppb

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



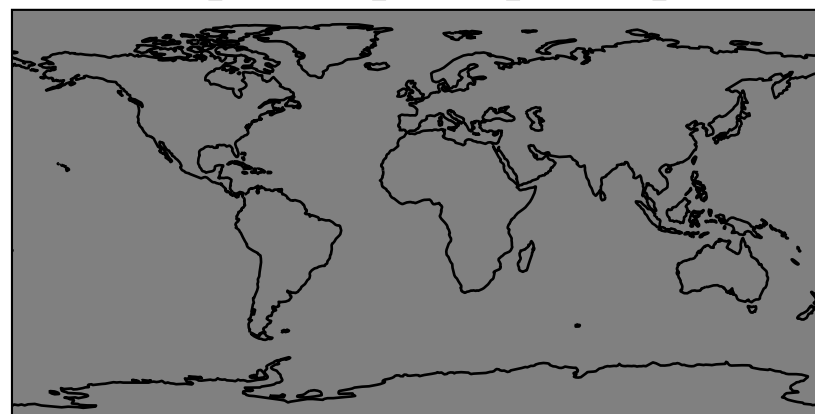
-0.3633 -0.1817 0.0000 0.1817 0.3633
ppb

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



Undefined throughout domain
unitless

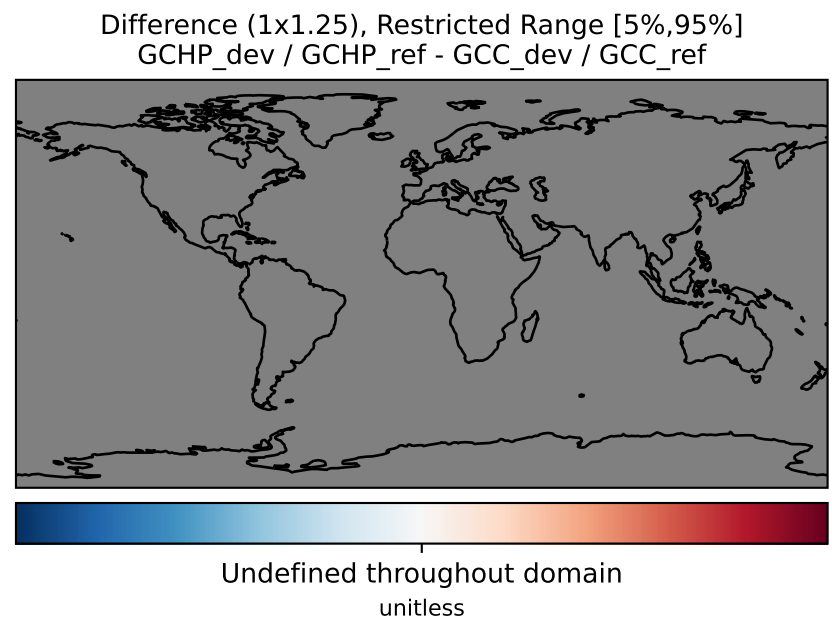
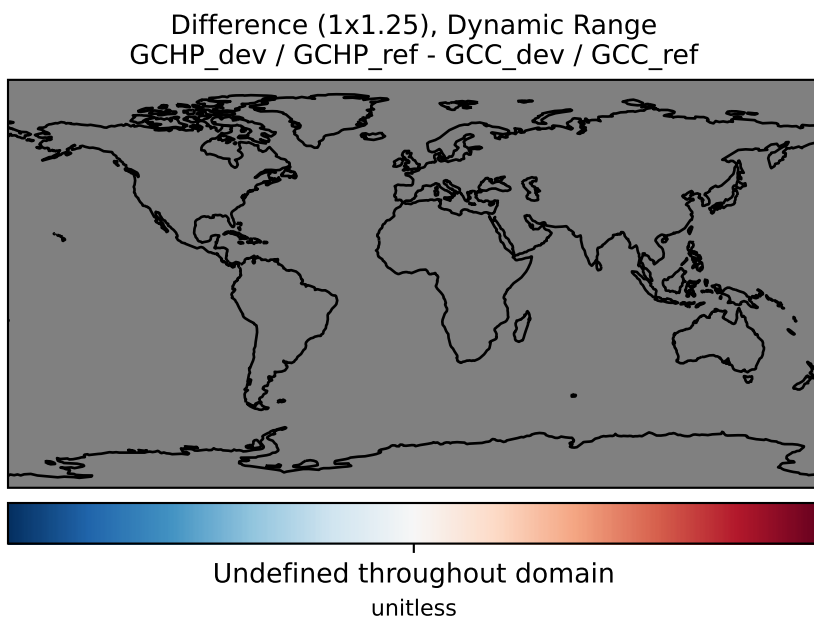
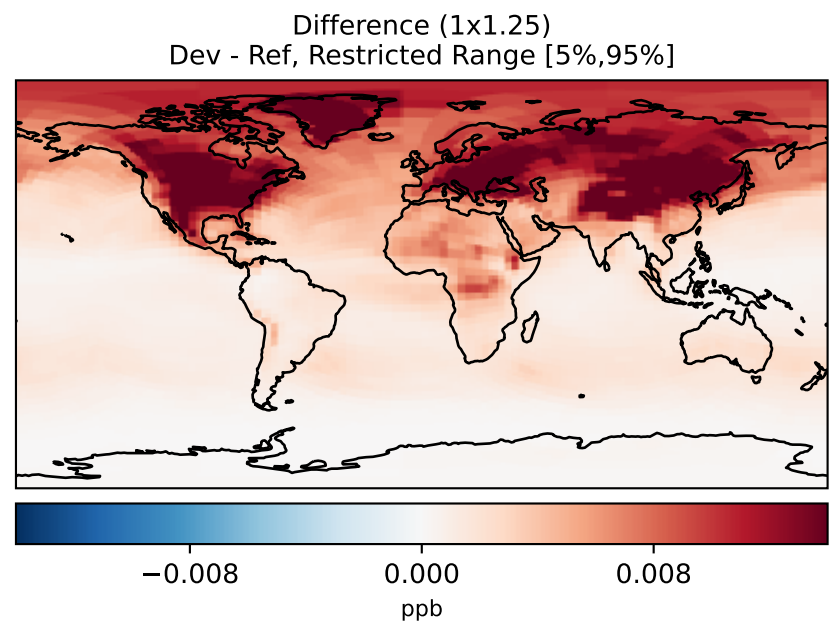
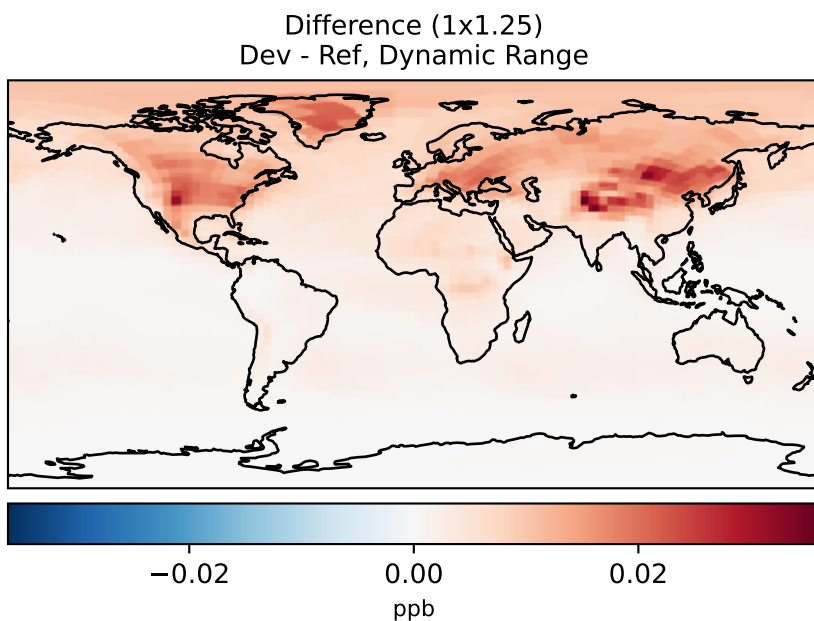
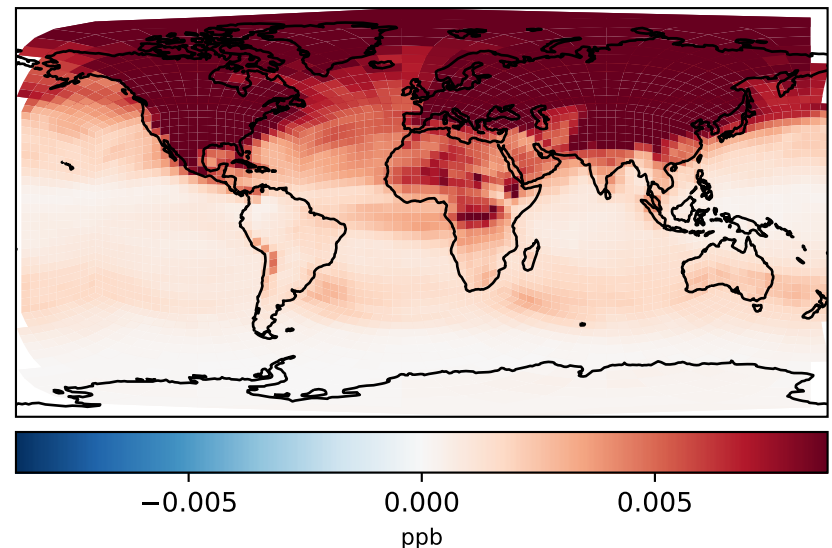
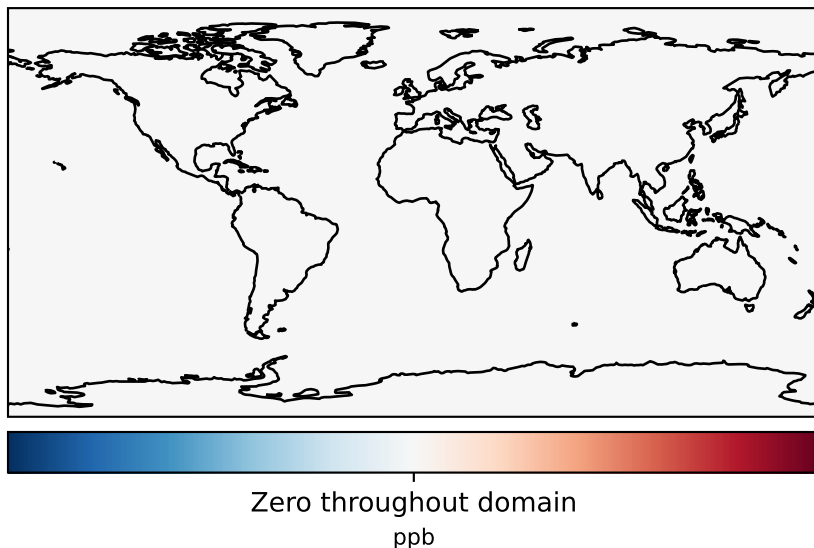
Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



Undefined throughout domain
unitless

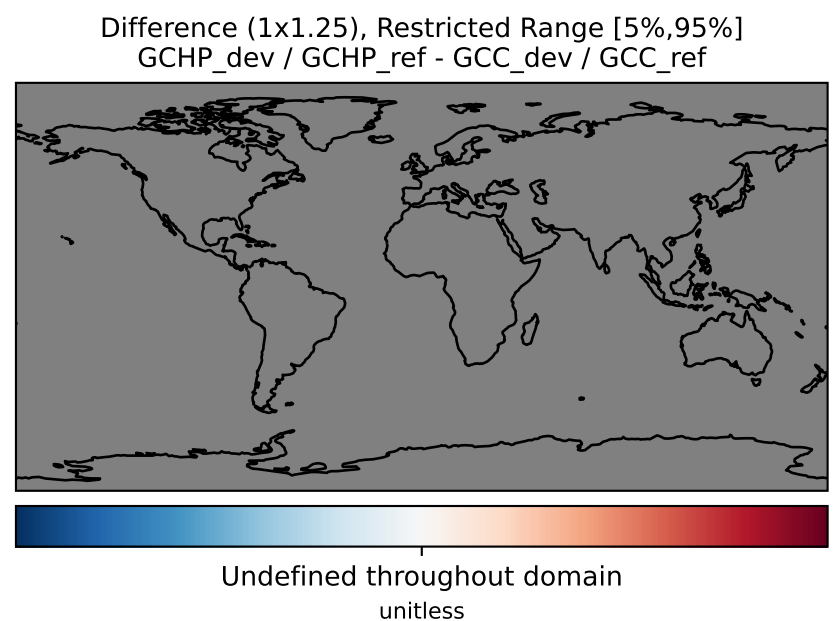
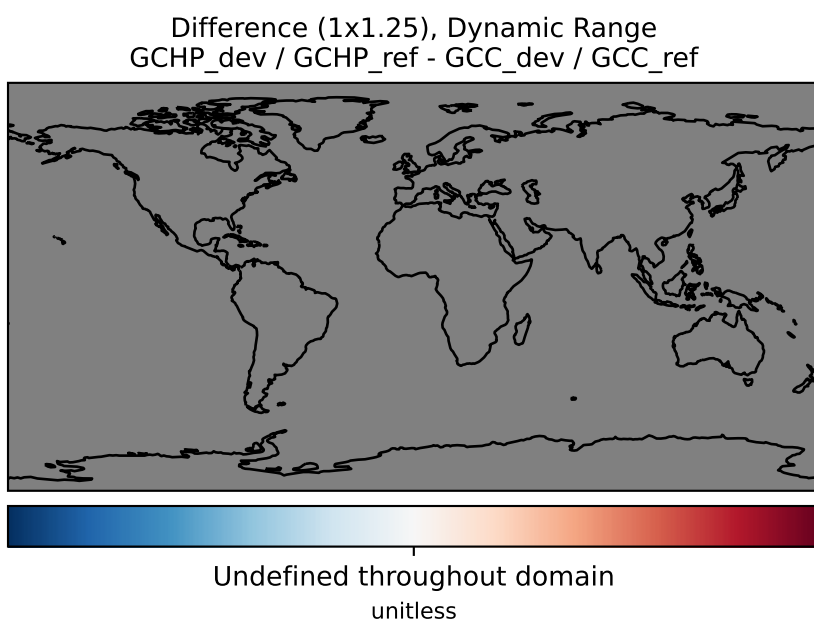
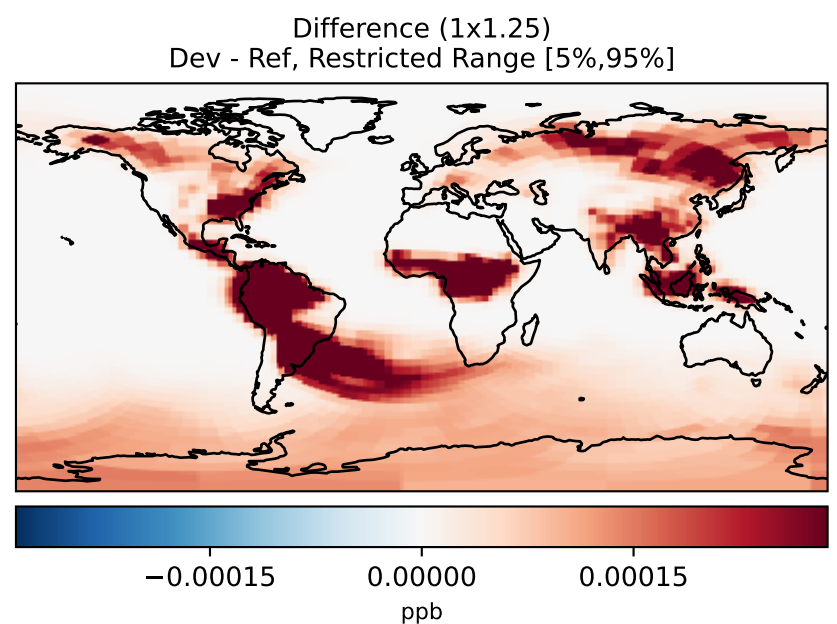
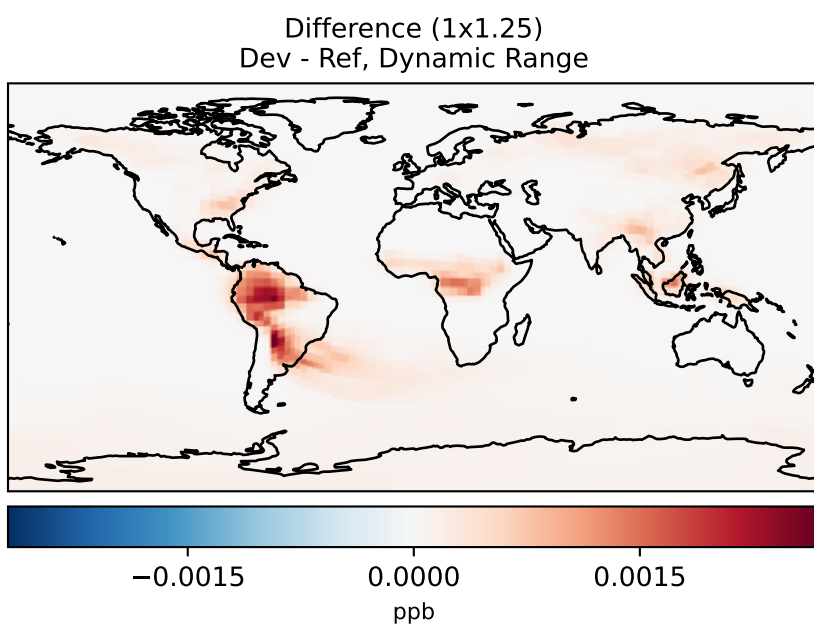
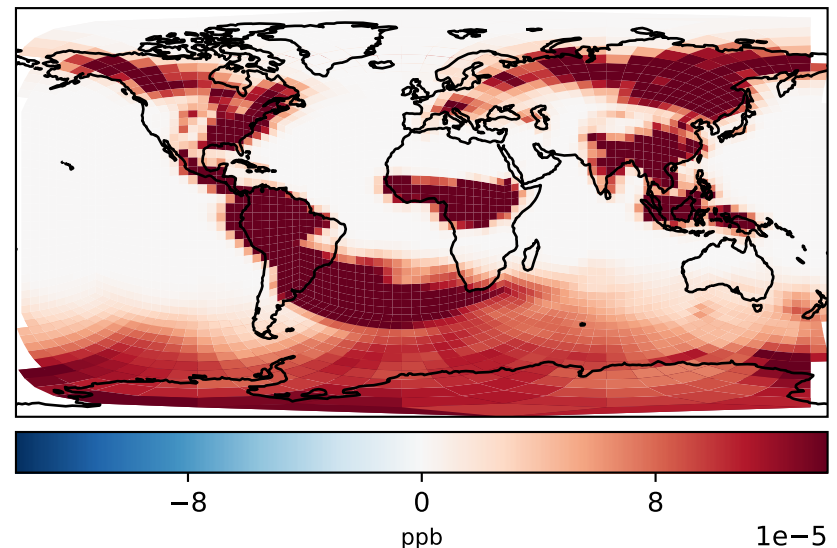
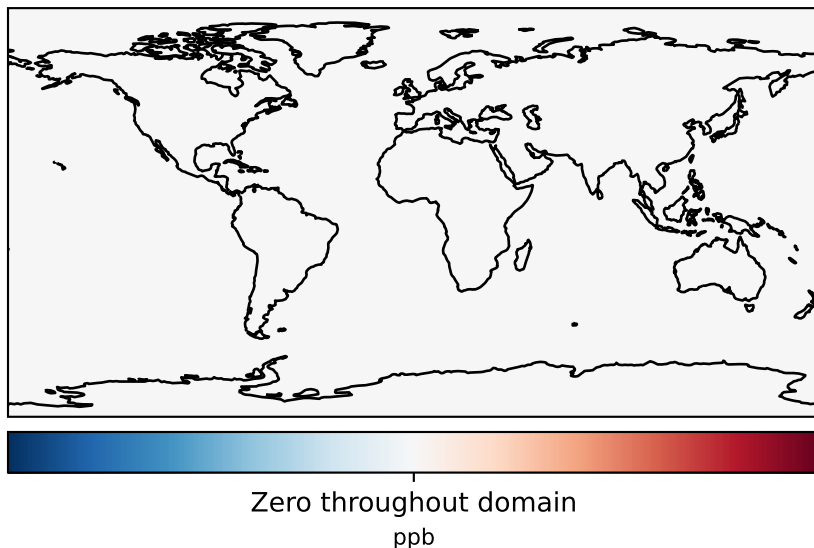
SpeciesConcVV_HNO4

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24



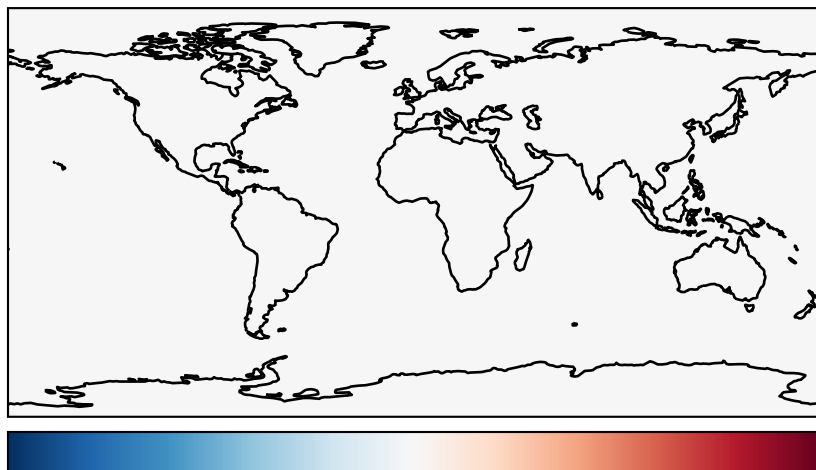
SpeciesConcVV_MPAN

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24

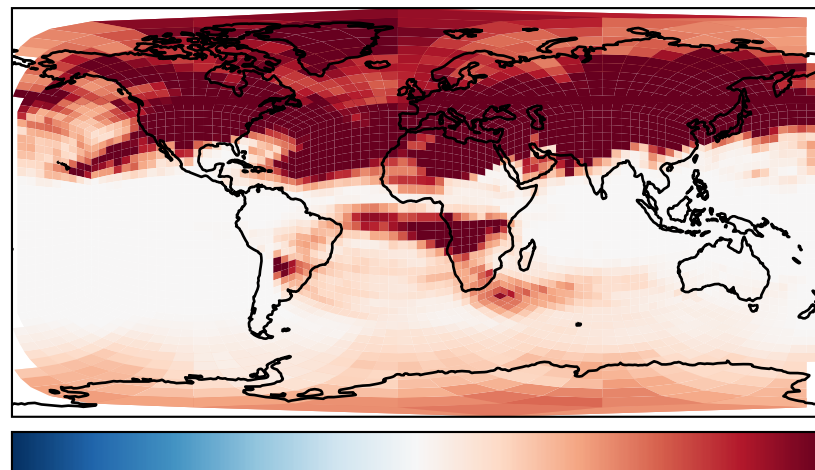


SpeciesConcVV_NIT

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24

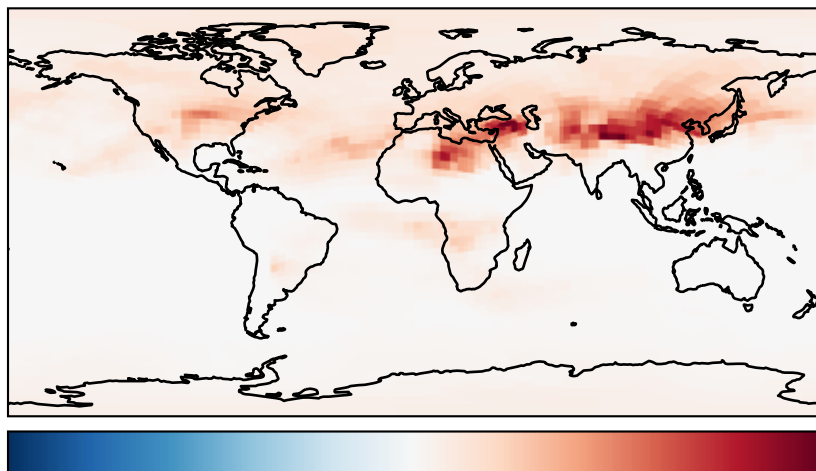


Zero throughout domain
ppb



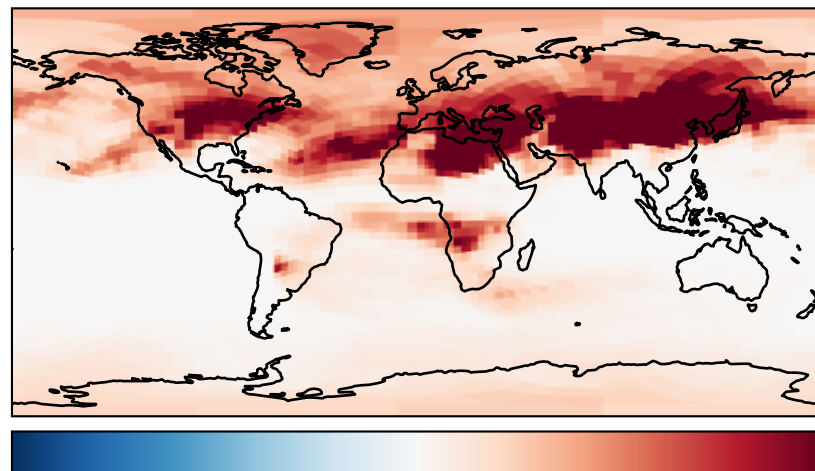
-0.015 0.000 0.015
ppb

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



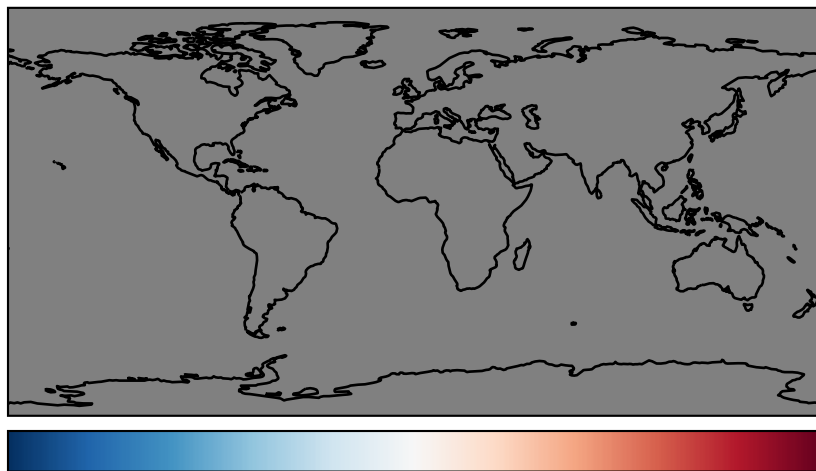
-0.2194 -0.1097 0.0000 0.1097 0.2194
ppb

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



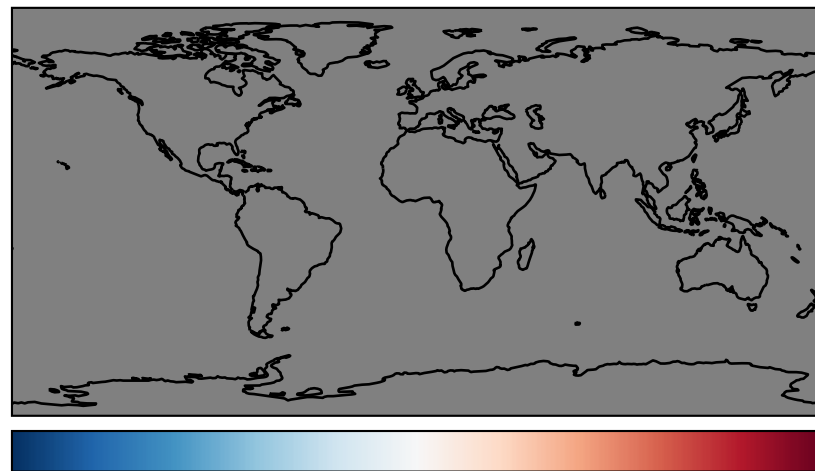
-0.0550 -0.0275 0.0000 0.0275 0.0550
ppb

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



Undefined throughout domain
unitless

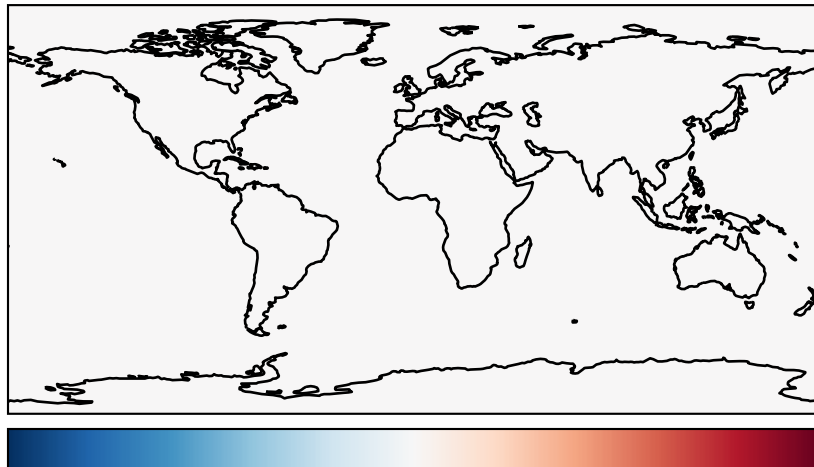
Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$



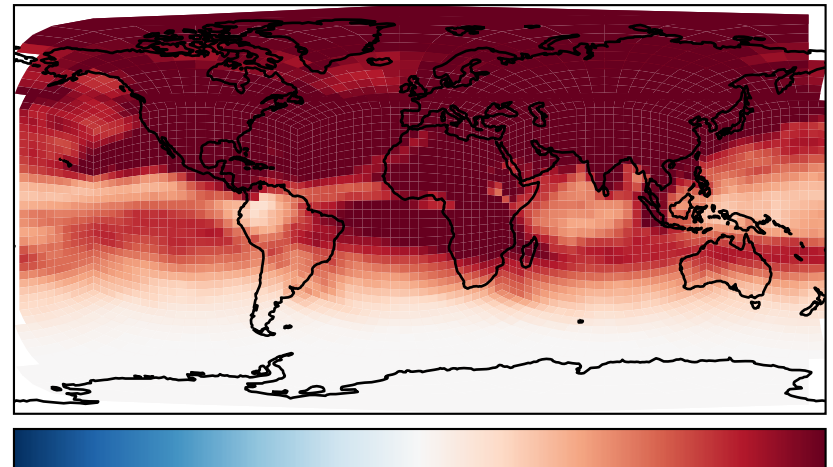
Undefined throughout domain
unitless

SpeciesConcVV_NO

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24

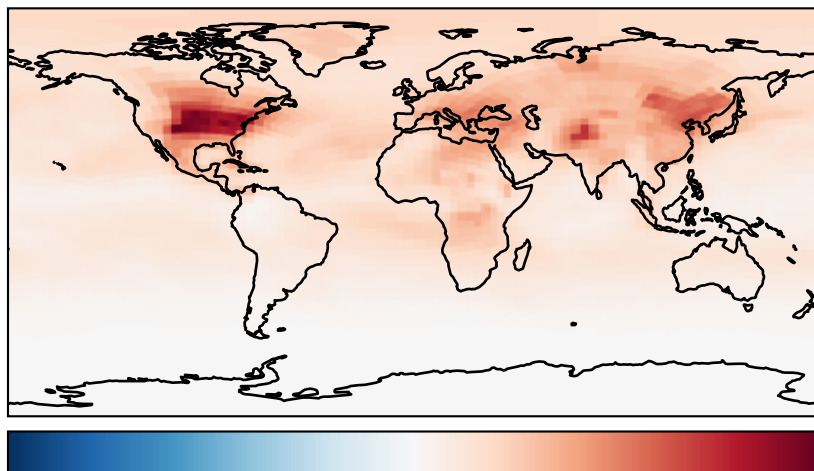


Zero throughout domain
ppb



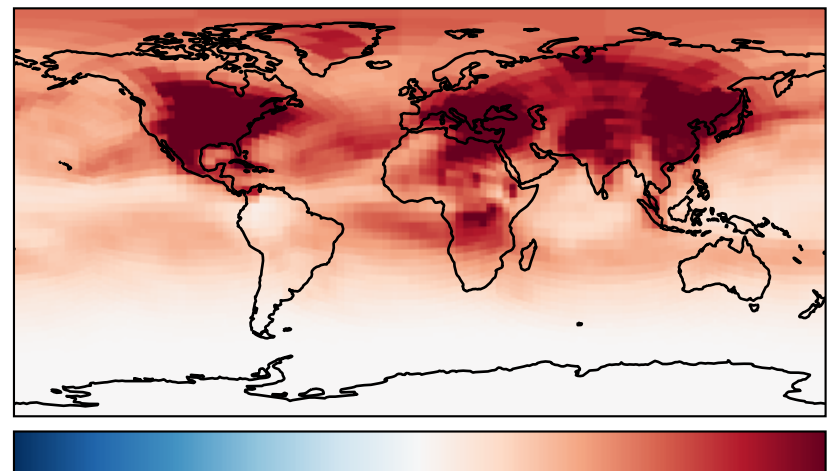
-0.005 0.000 0.005
ppb

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



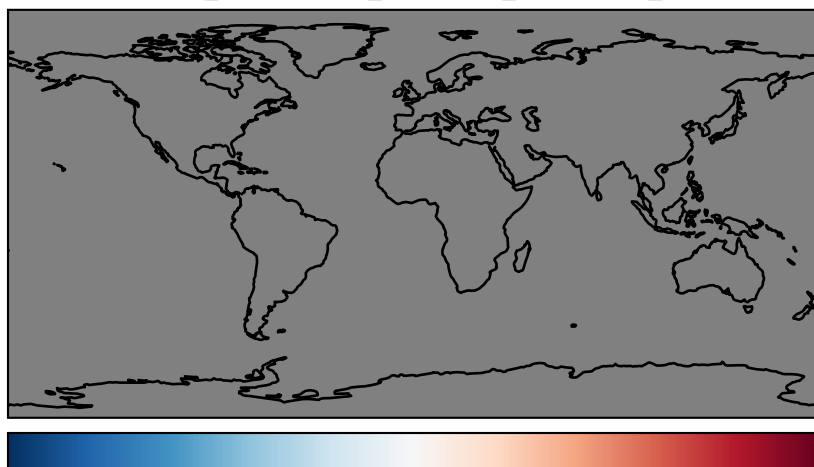
-0.0563 -0.0282 0.0000 0.0282 0.0563
ppb

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



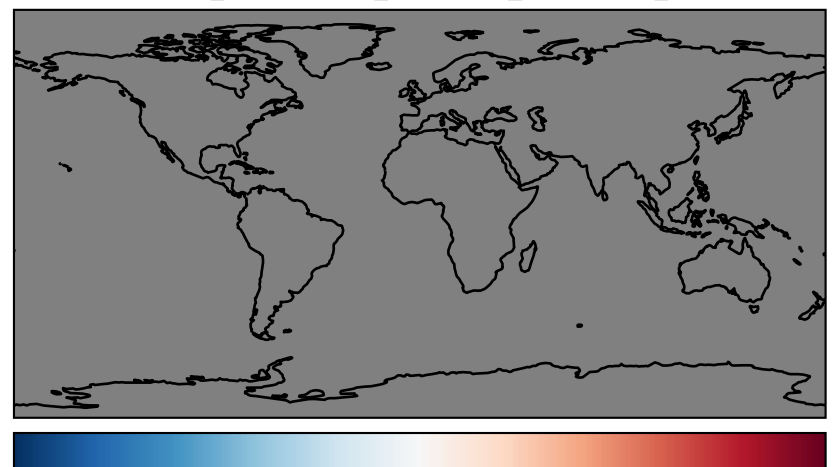
-0.01 0.00 0.01
ppb

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



Undefined throughout domain
unitless

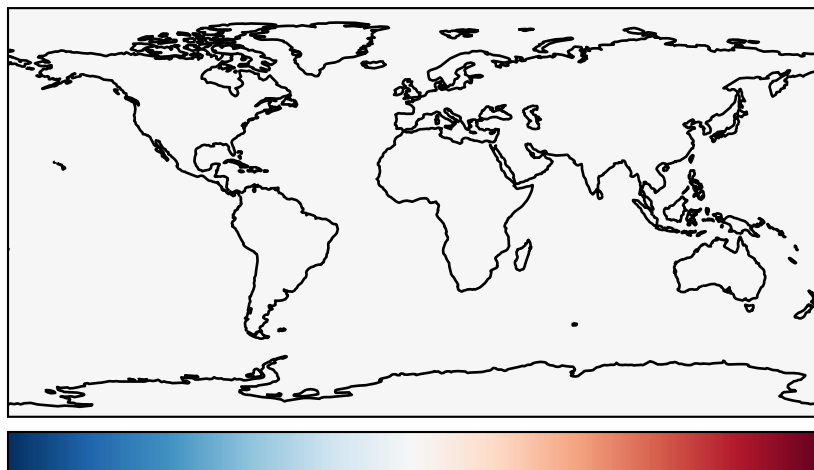
Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



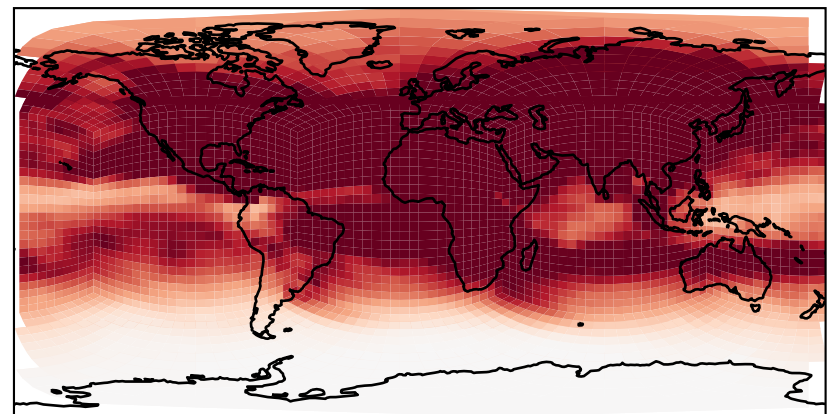
Undefined throughout domain
unitless

SpeciesConcVV_NO2

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24

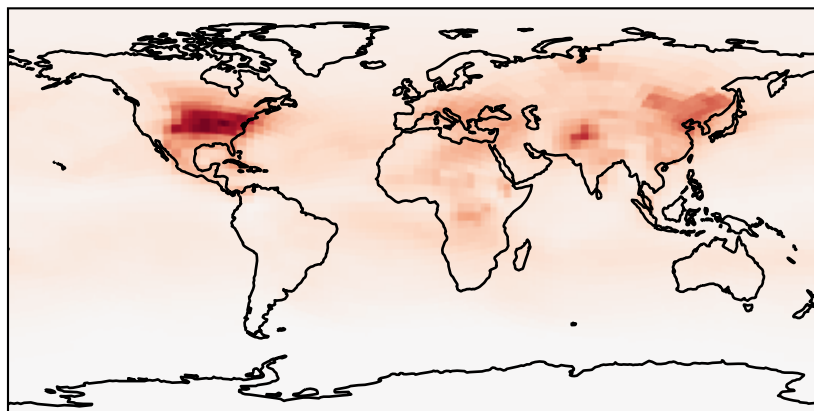


Zero throughout domain
ppb



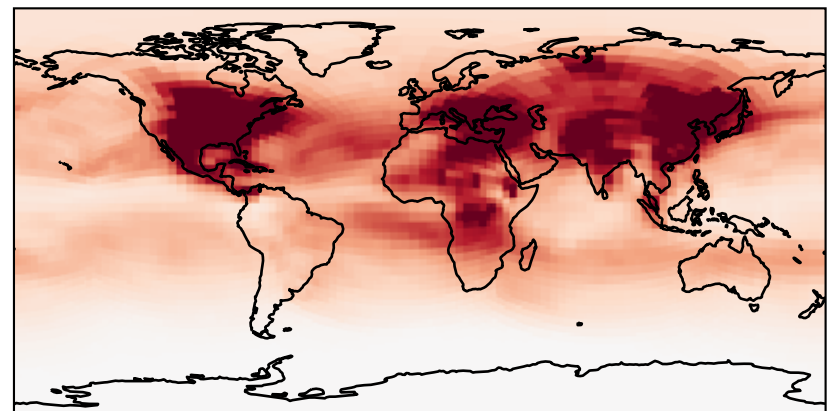
-0.015 0.000 0.015
ppb

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



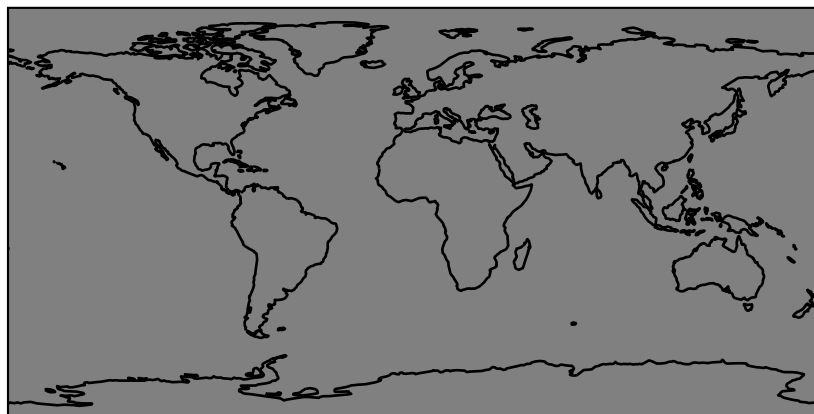
-0.2183 -0.1091 0.0000 0.1091 0.2183
ppb

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



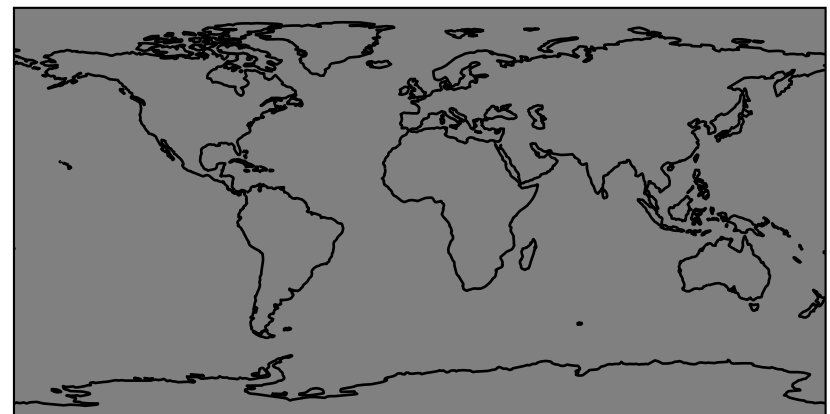
-0.0665 -0.0333 0.0000 0.0333 0.0665
ppb

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



Undefined throughout domain
unitless

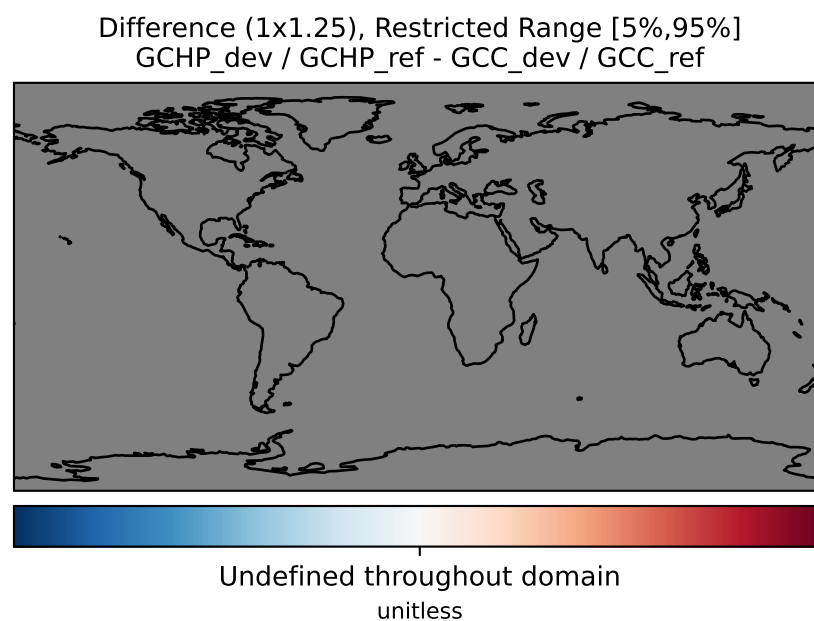
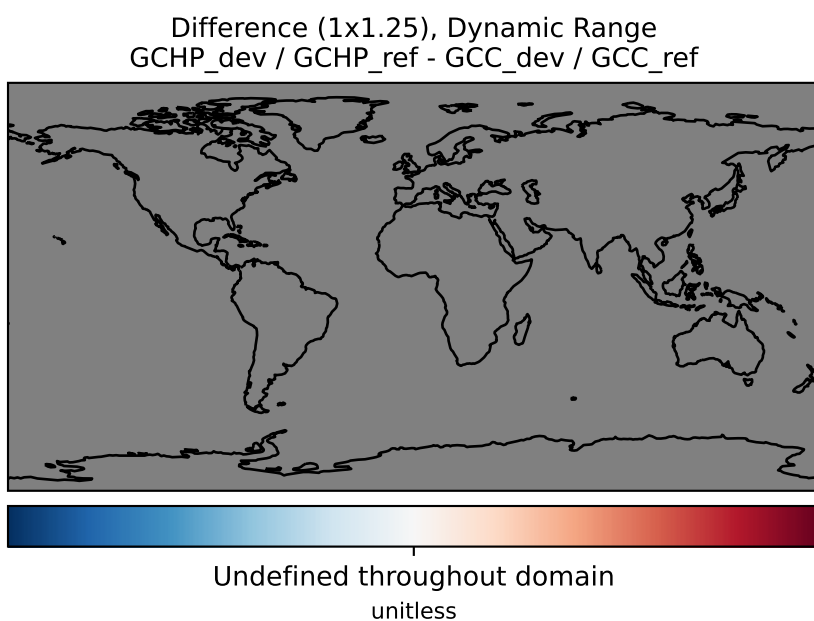
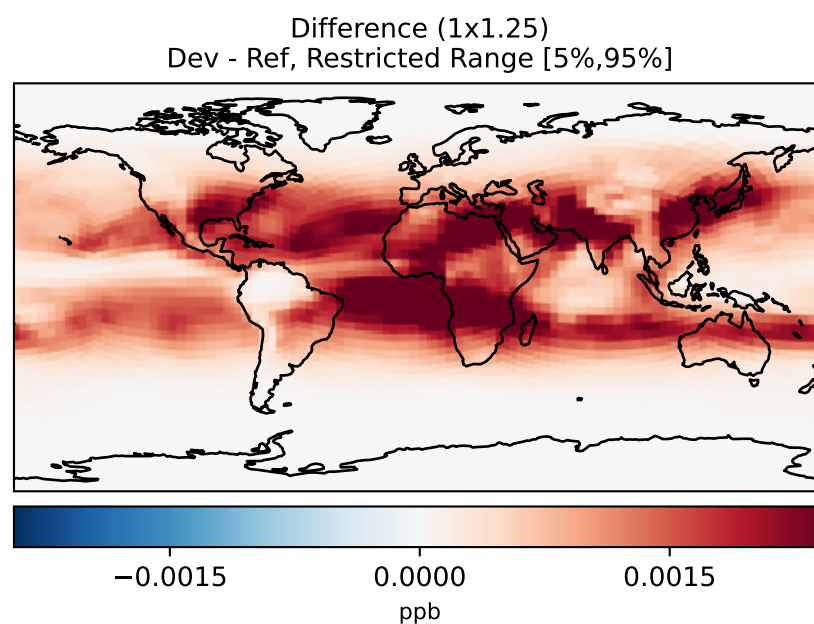
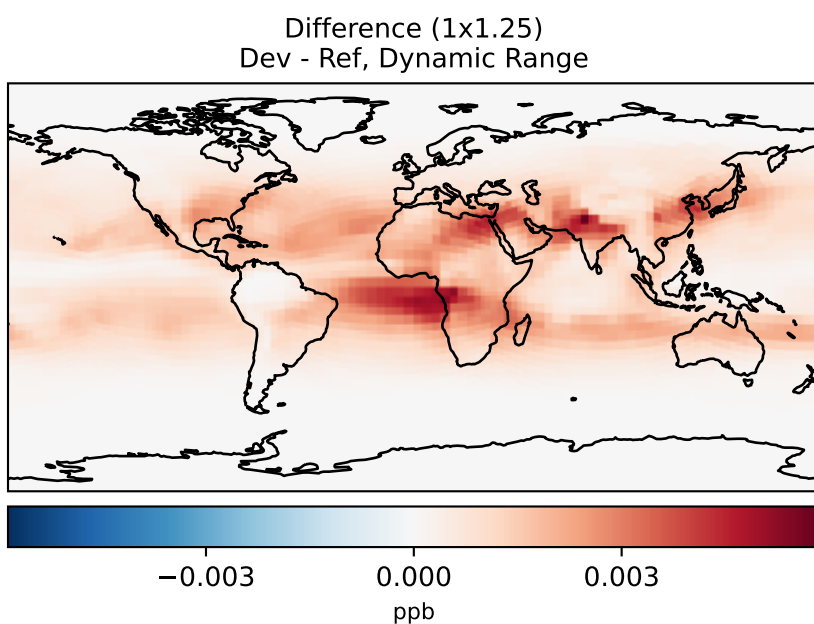
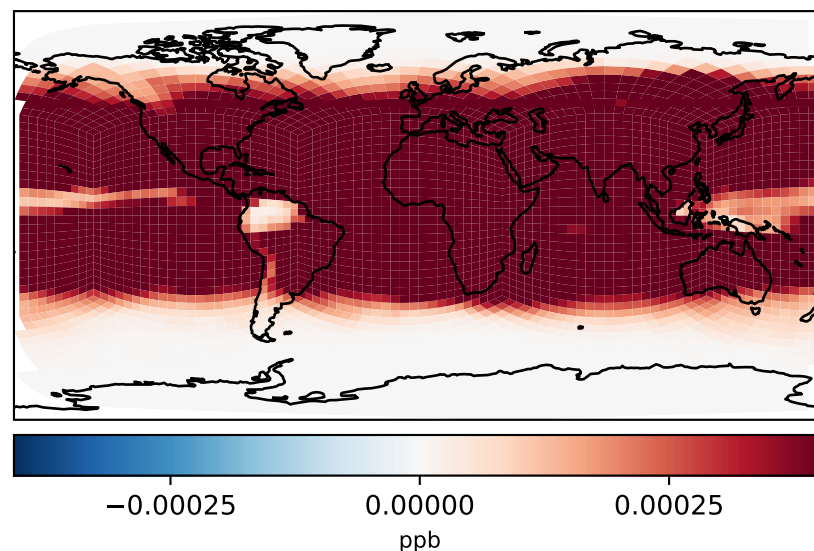
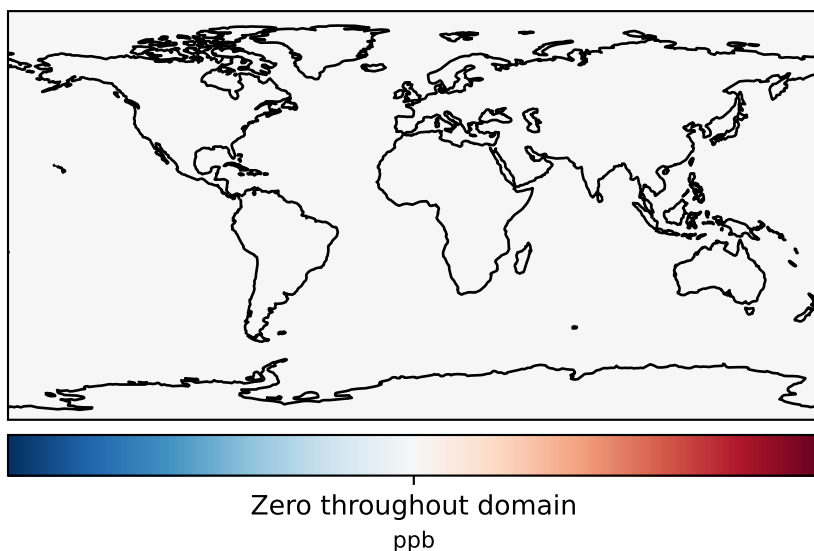
Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$



Undefined throughout domain
unitless

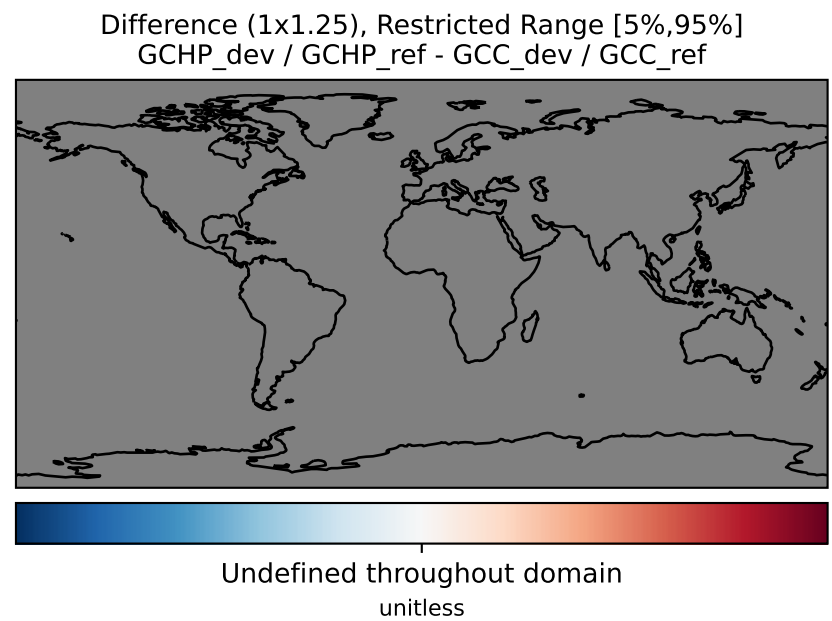
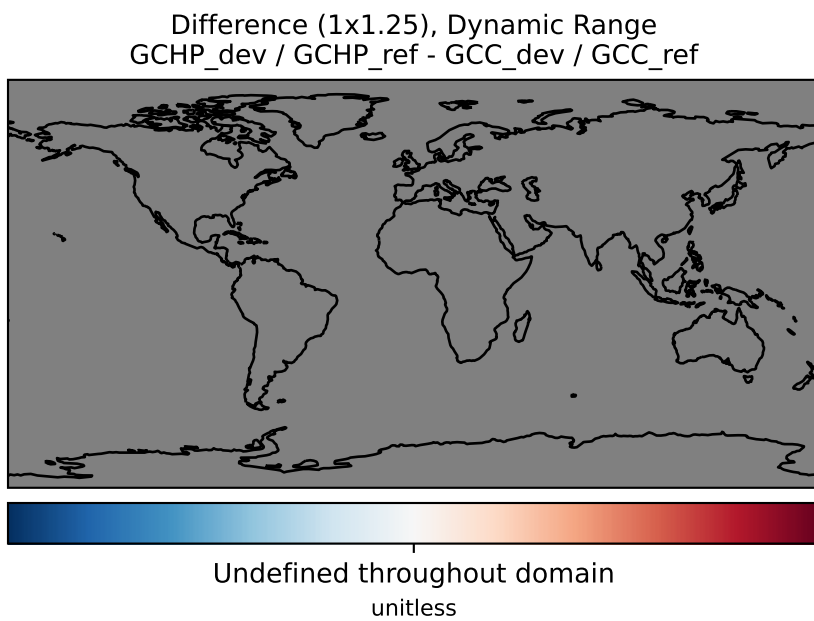
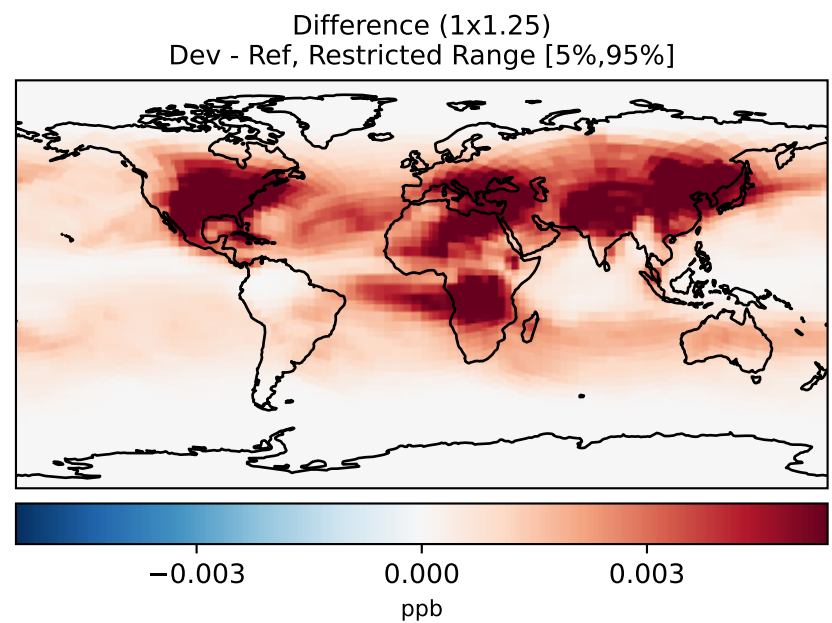
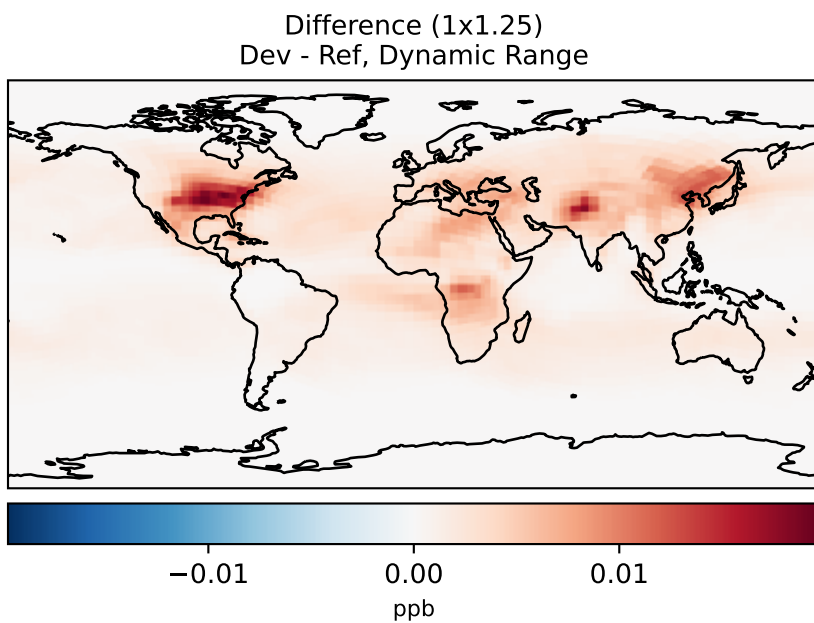
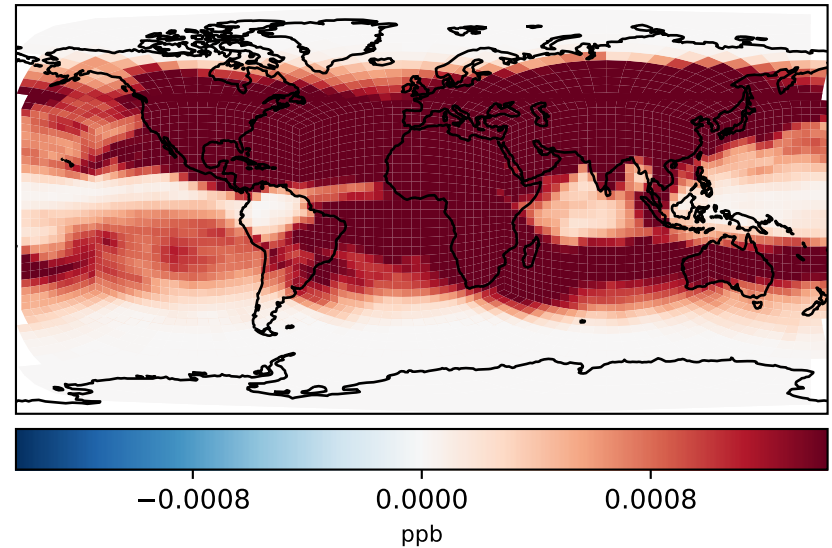
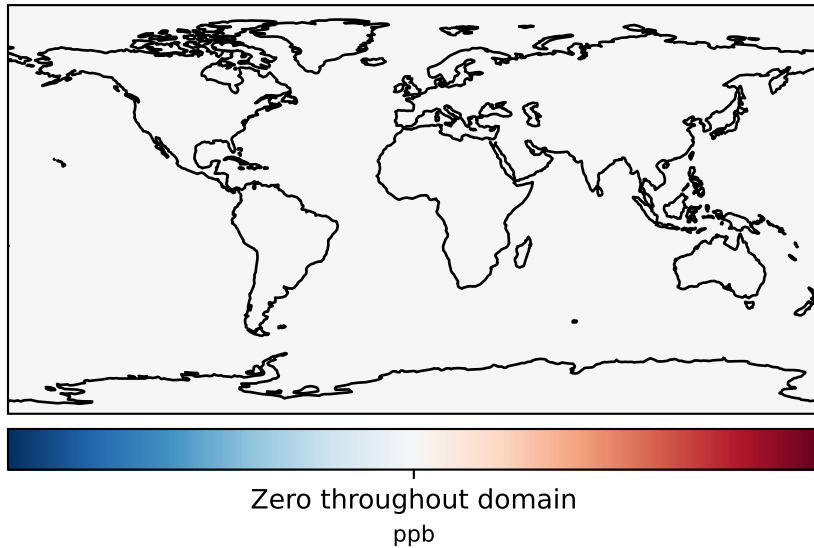
SpeciesConcVV_NO3

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24



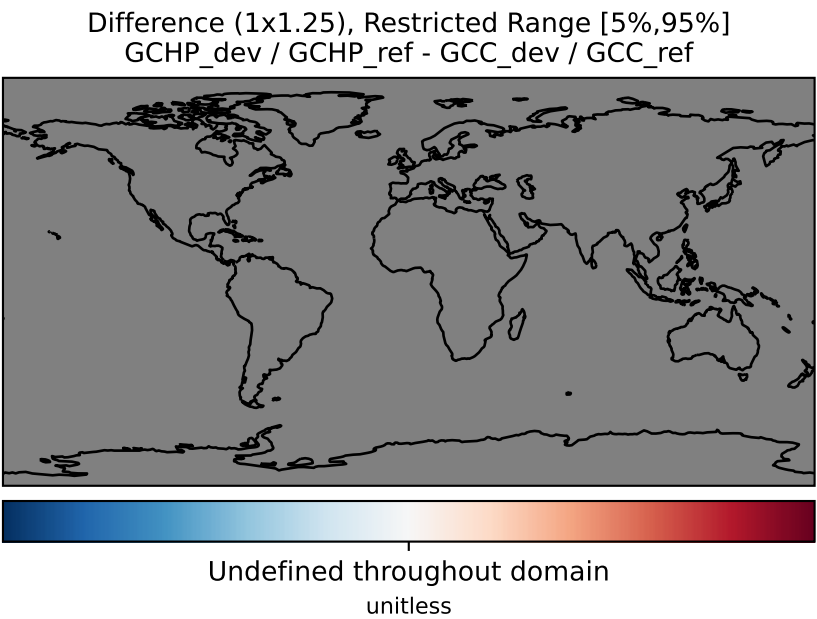
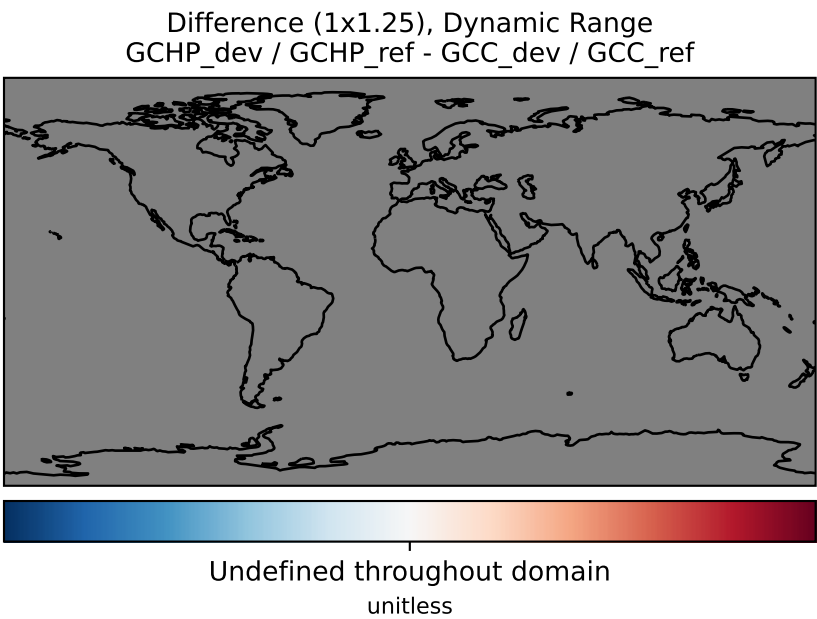
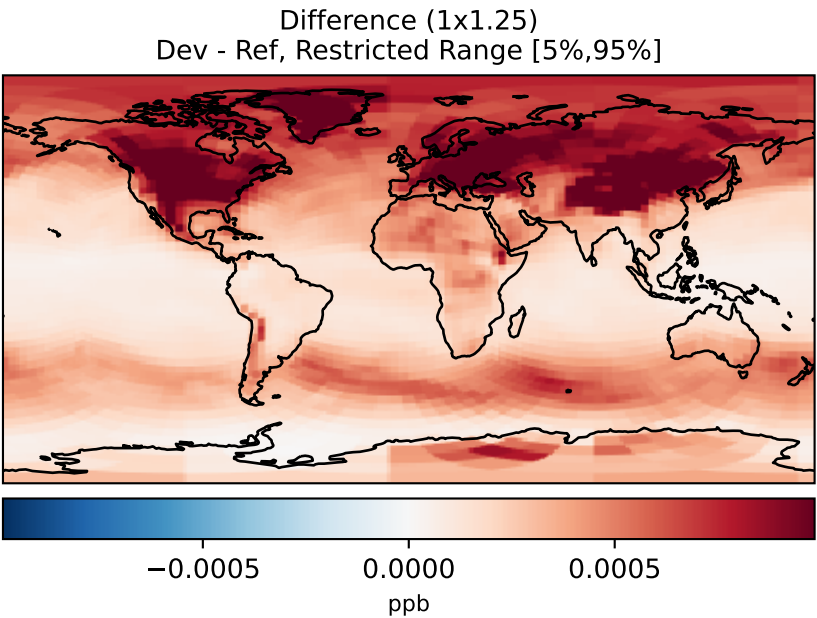
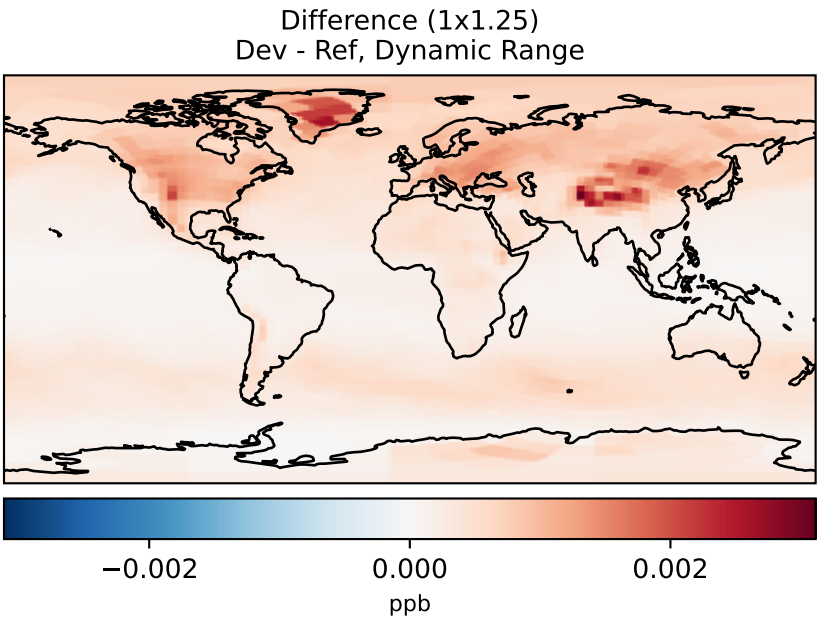
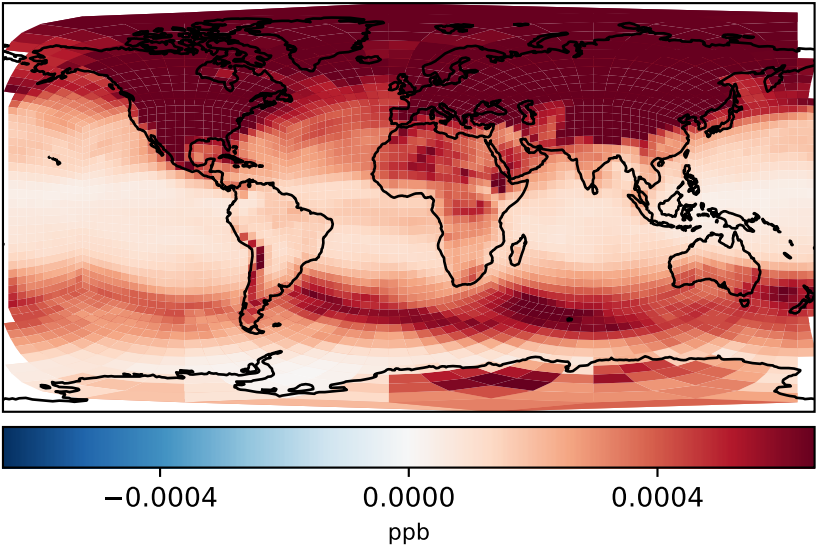
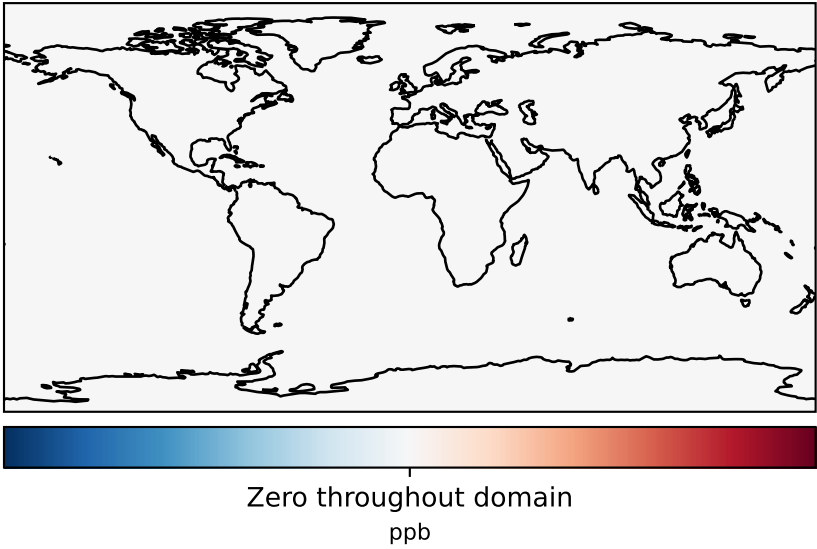
SpeciesConcVV_N2O5

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24



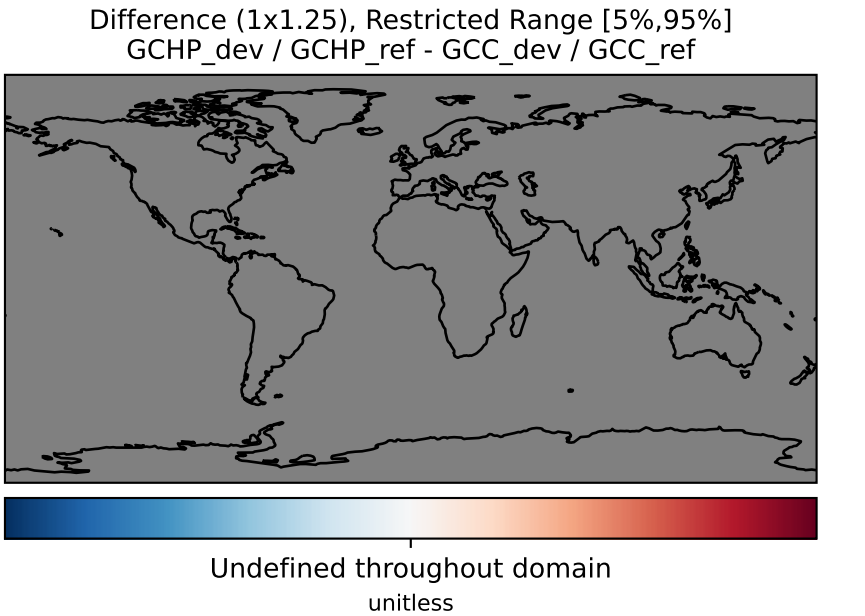
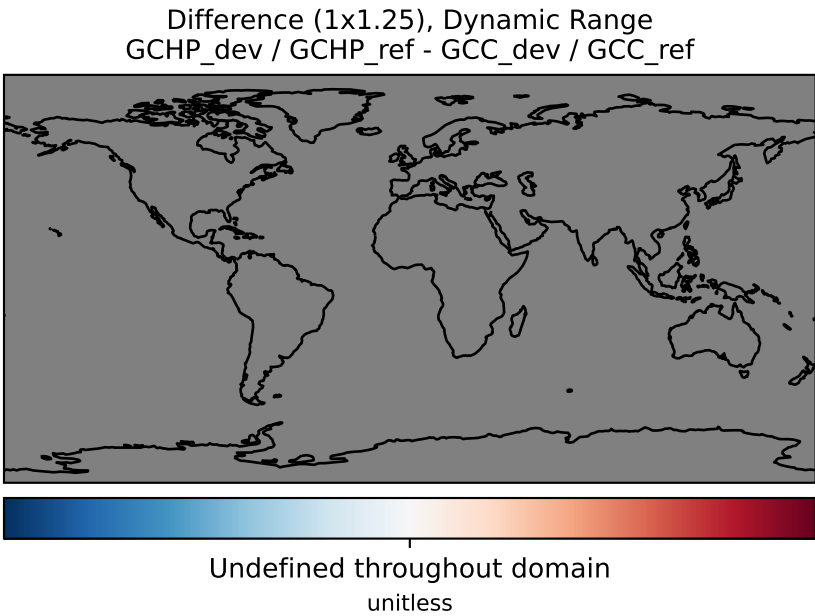
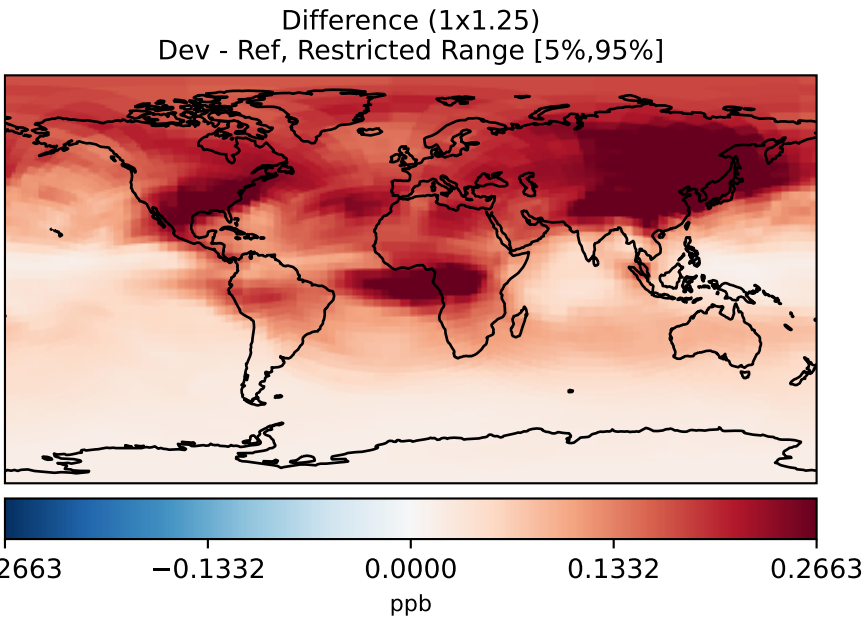
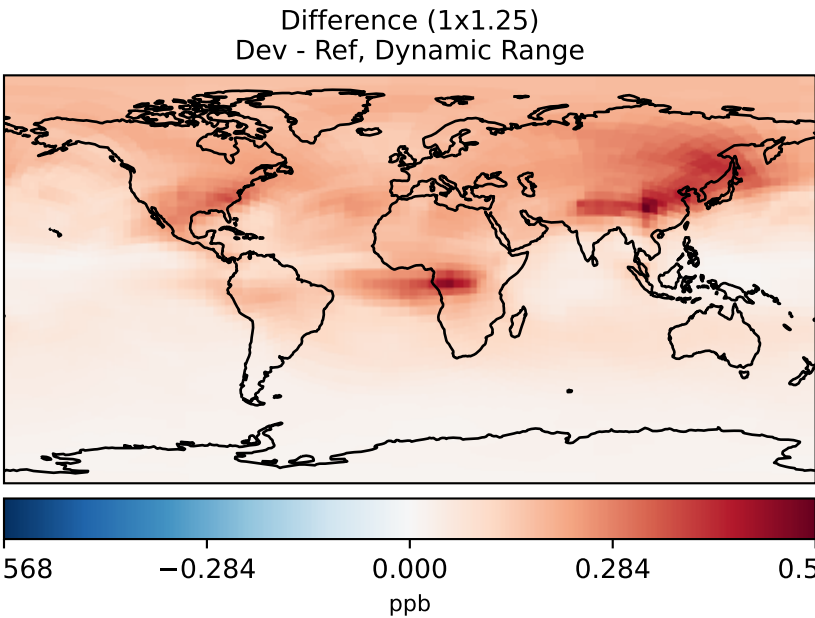
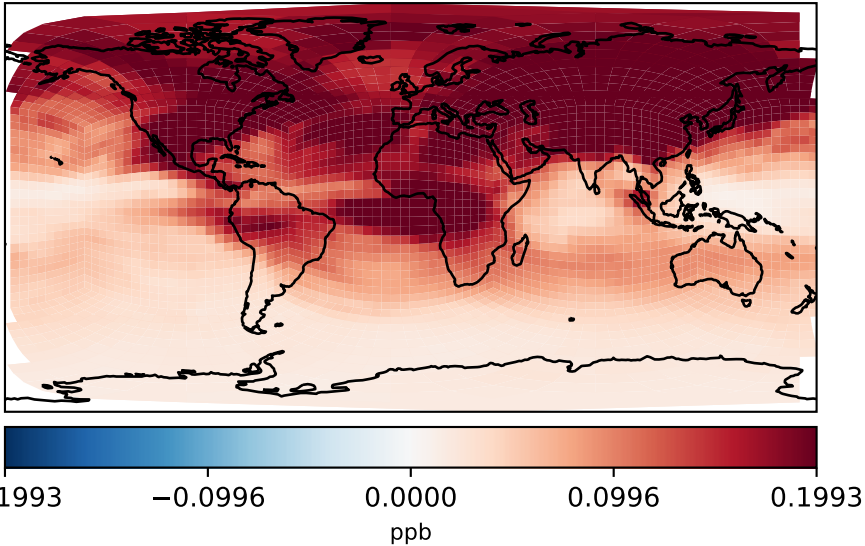
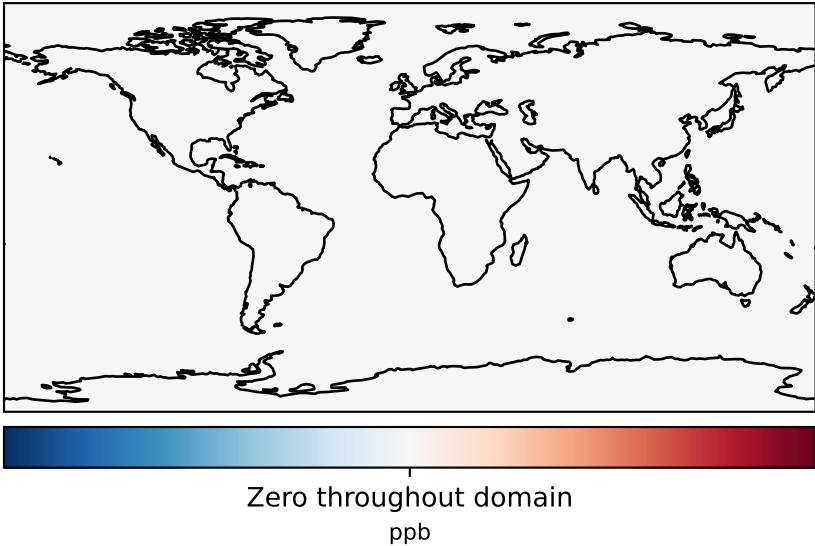
SpeciesConcVV_MPN

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24



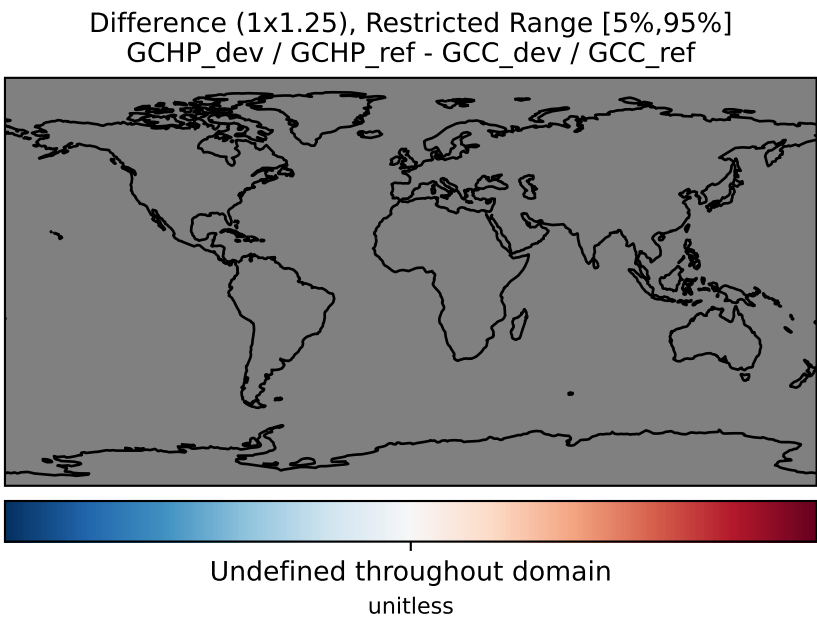
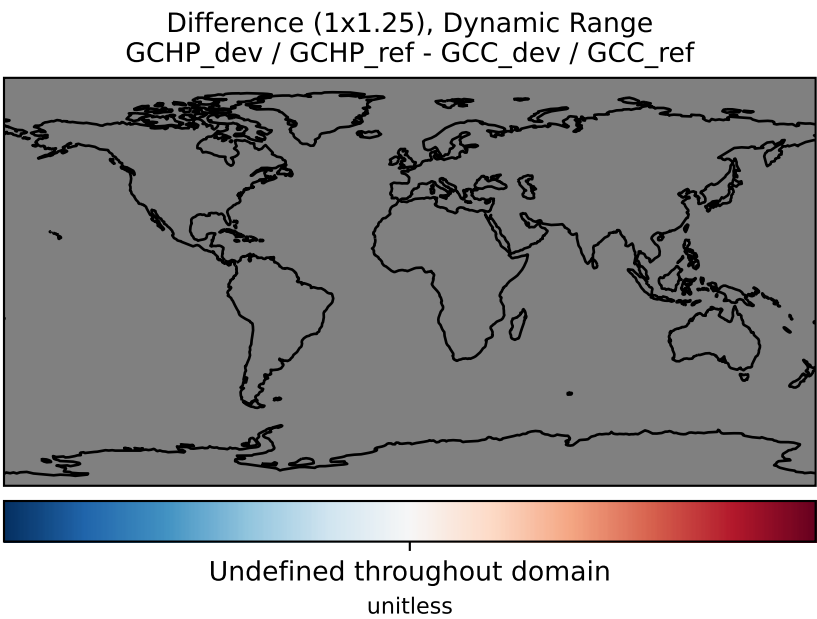
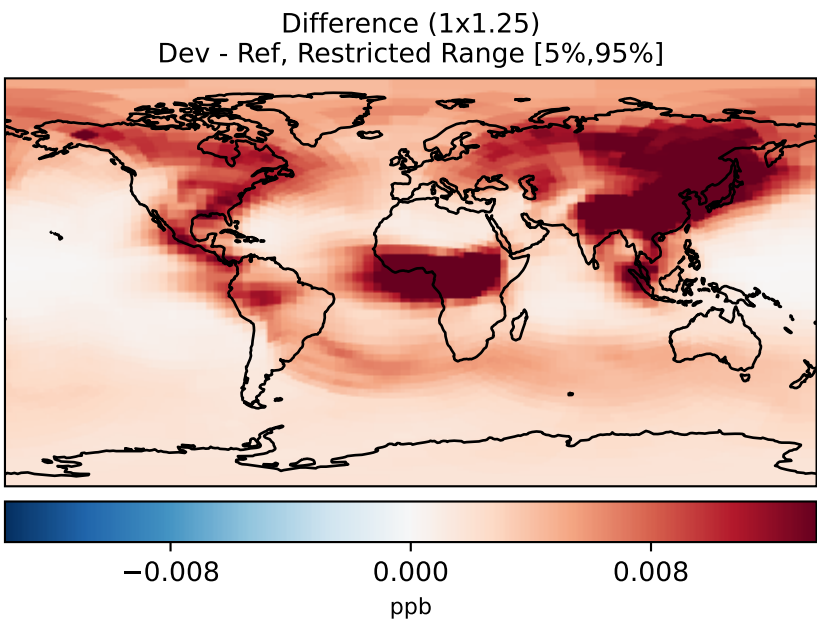
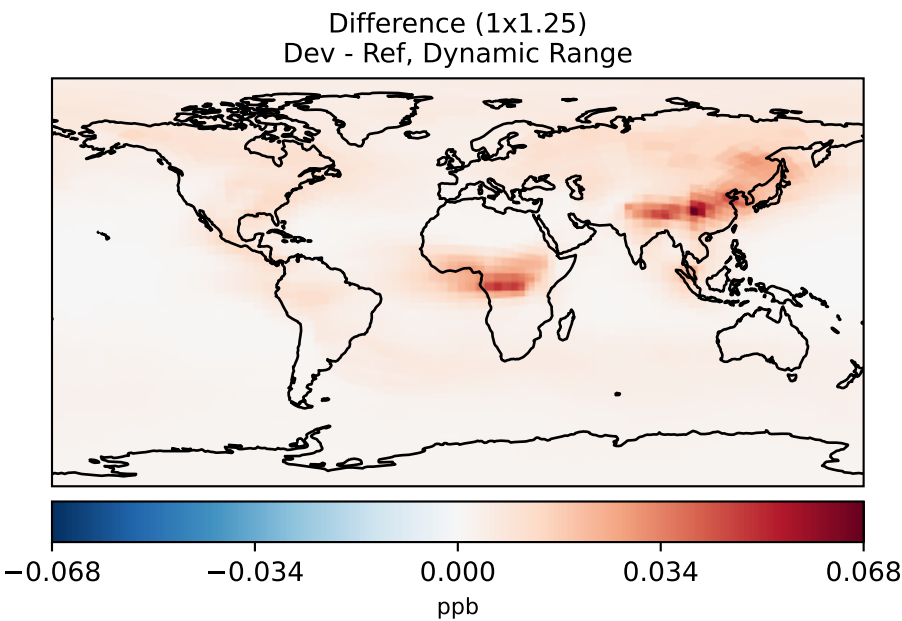
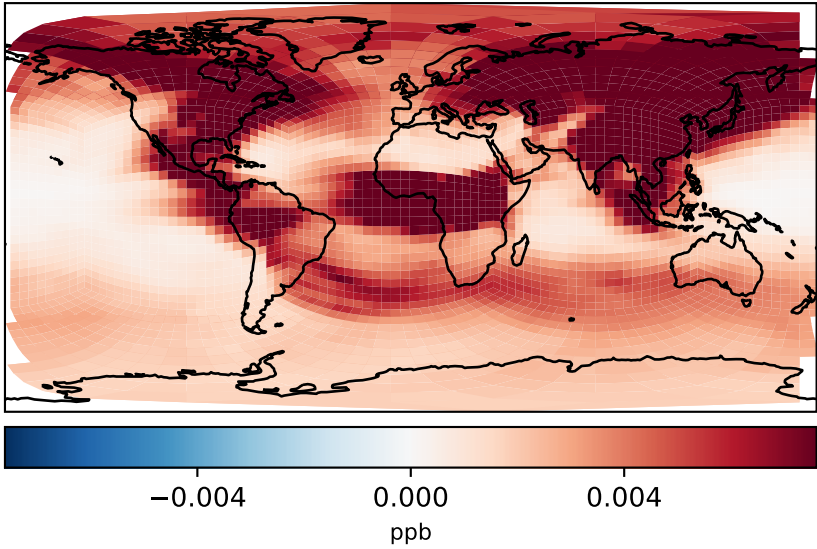
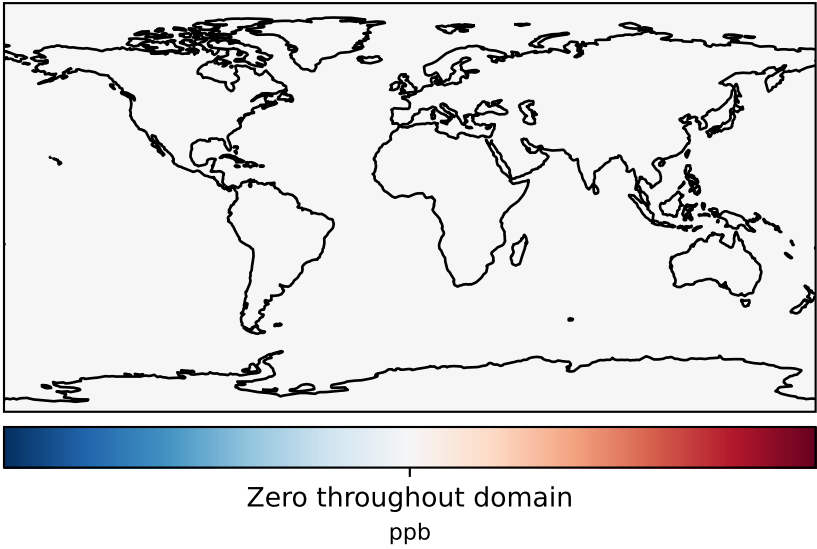
SpeciesConcVV_PAN

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24



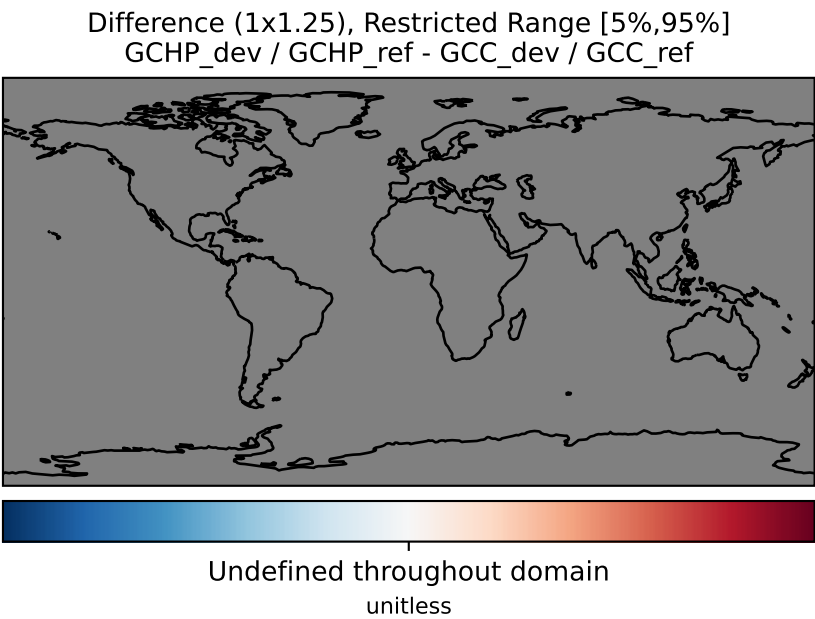
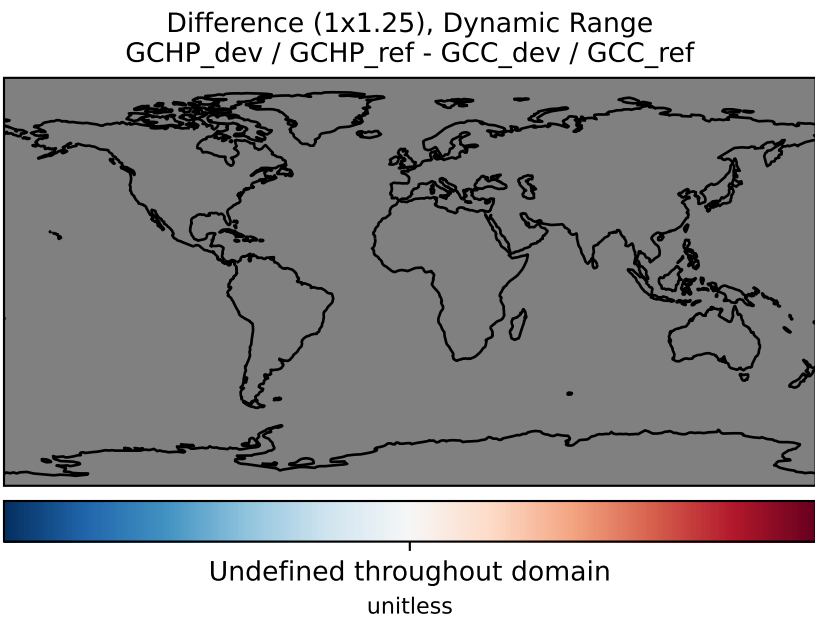
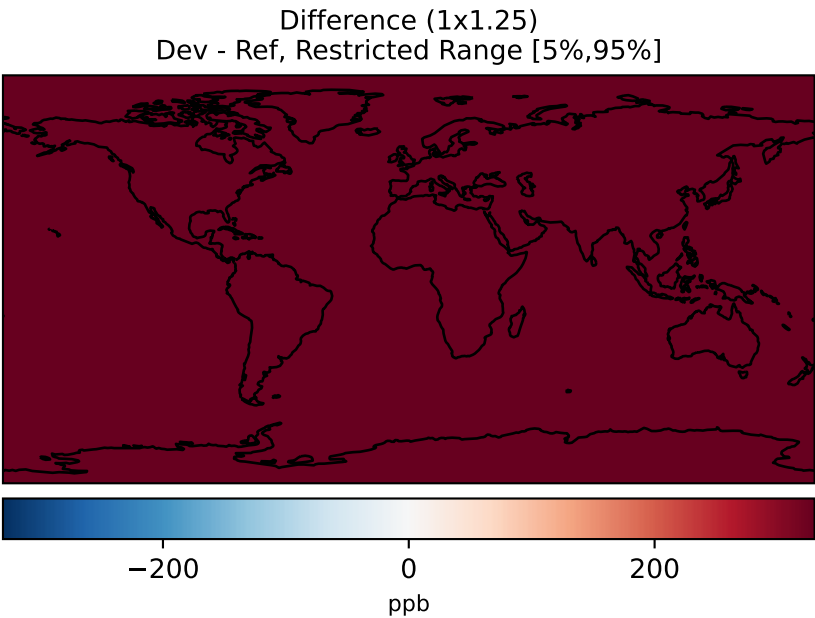
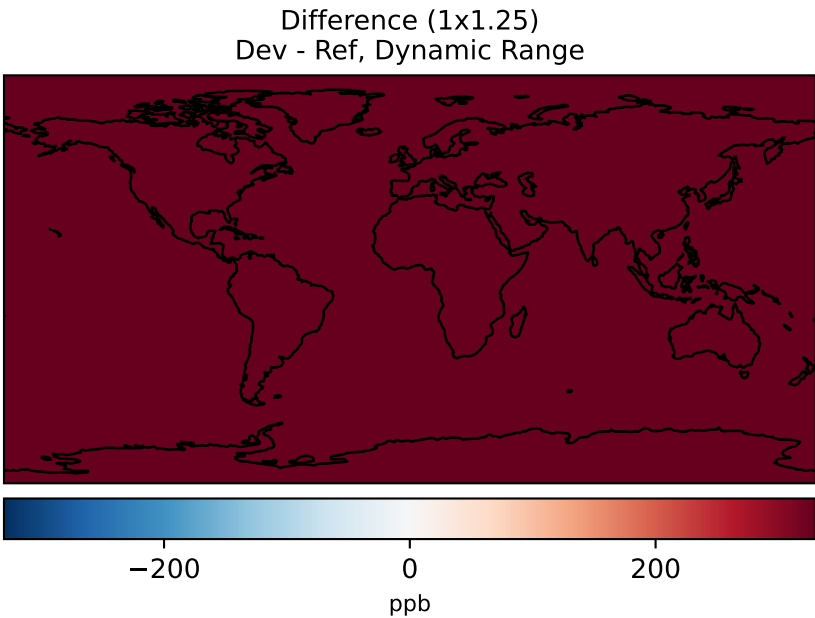
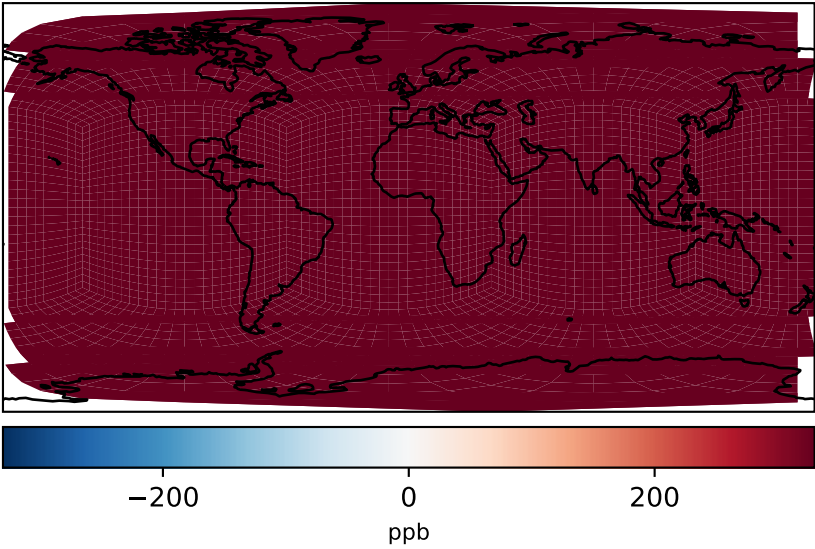
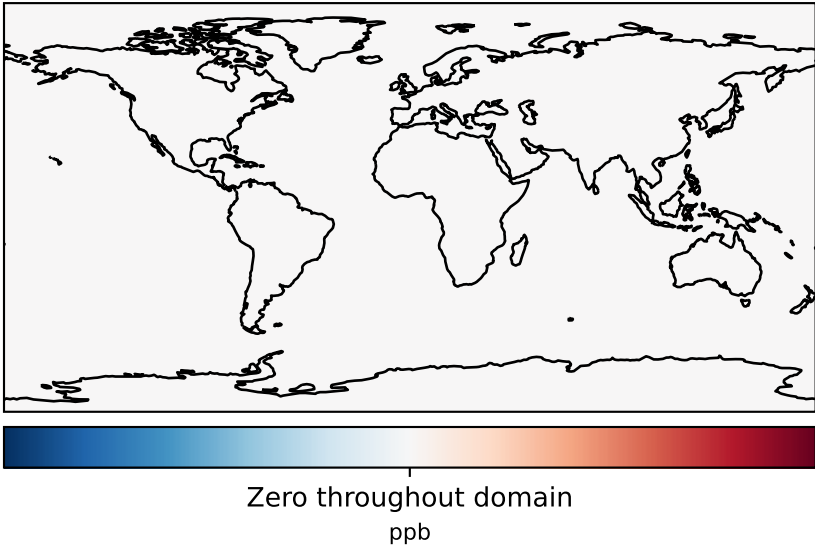
SpeciesConcVV_PPN

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24



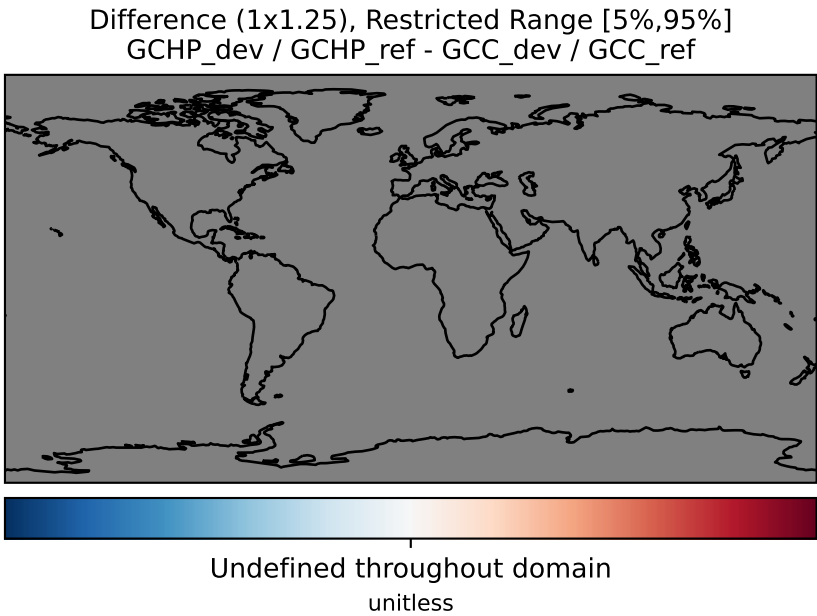
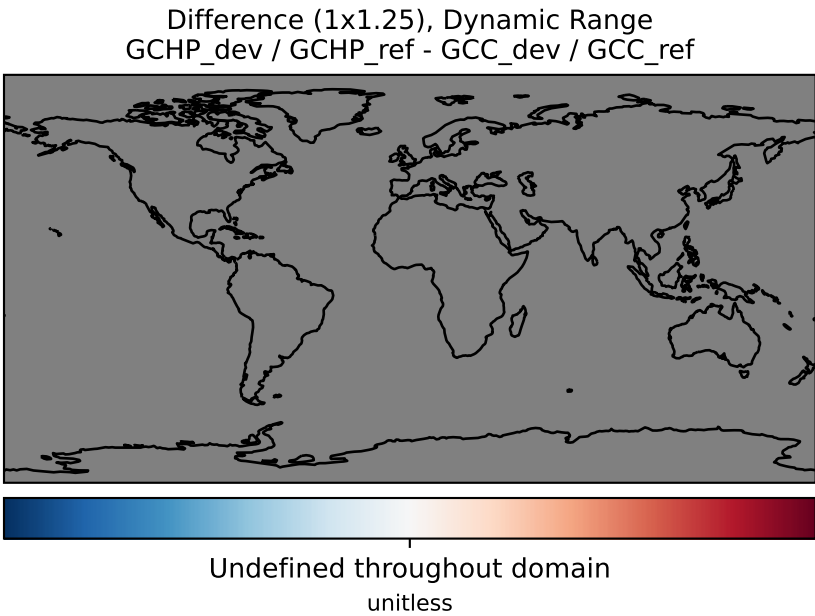
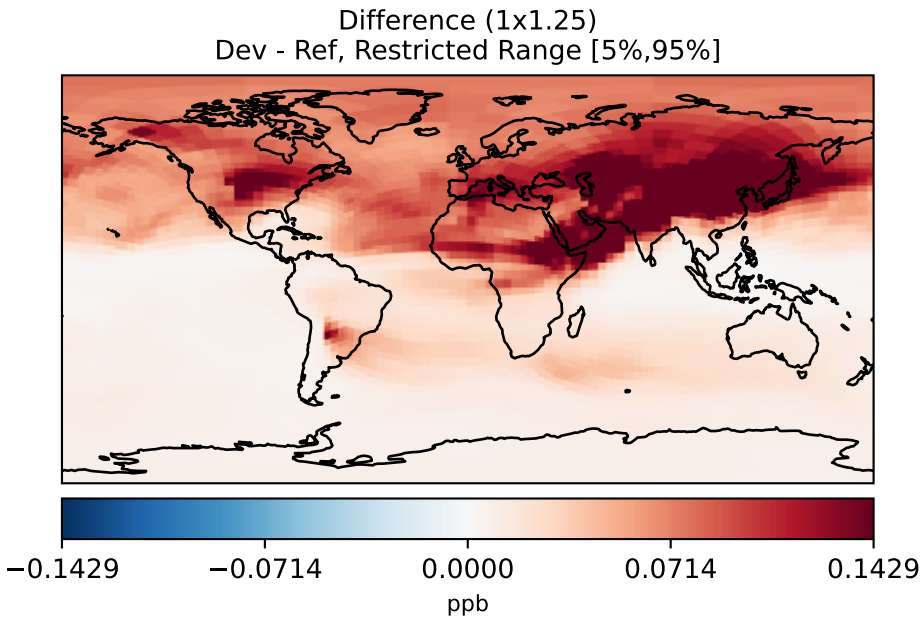
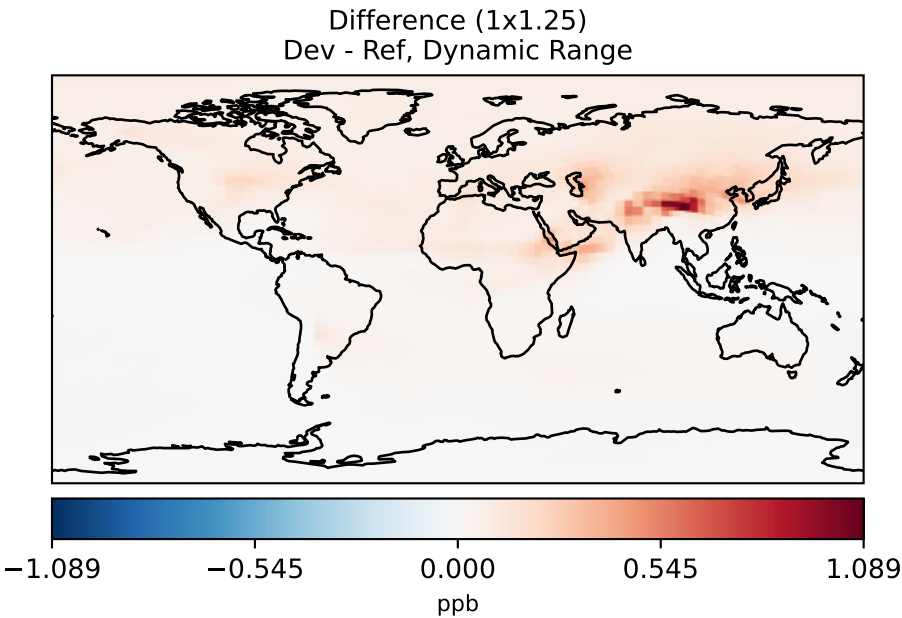
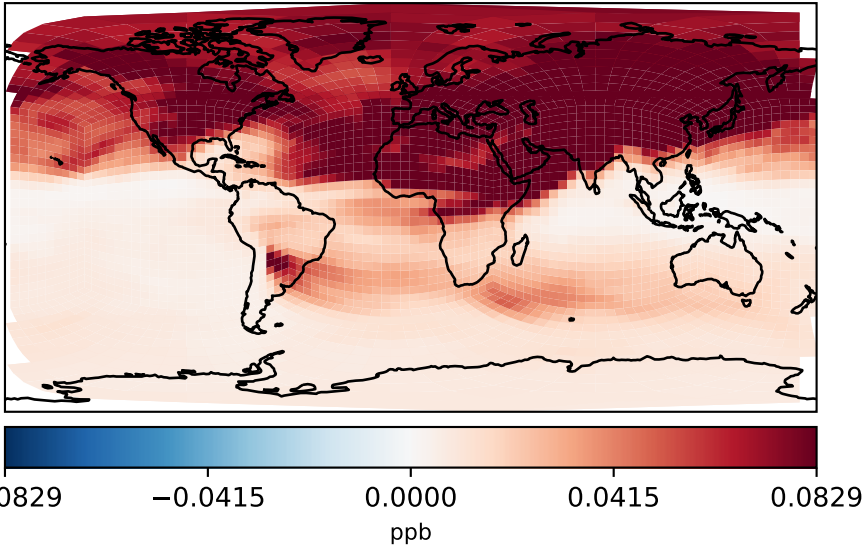
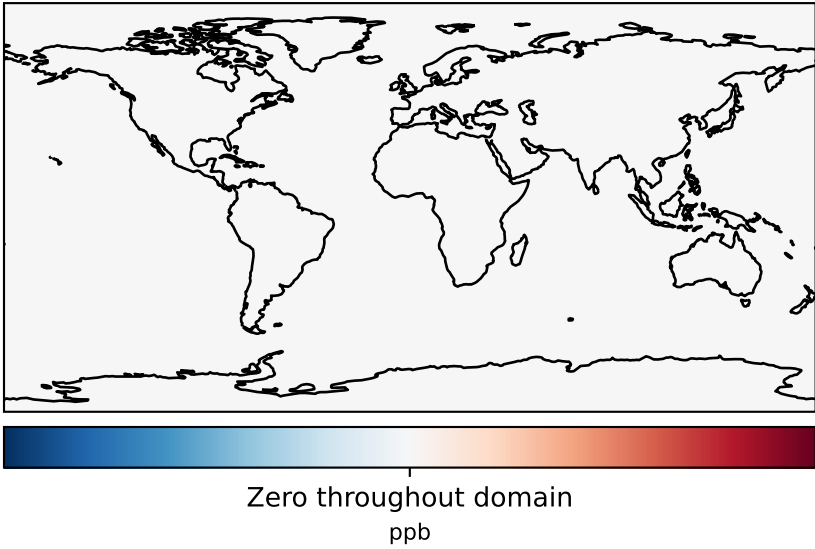
SpeciesConcVV_N2O

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24



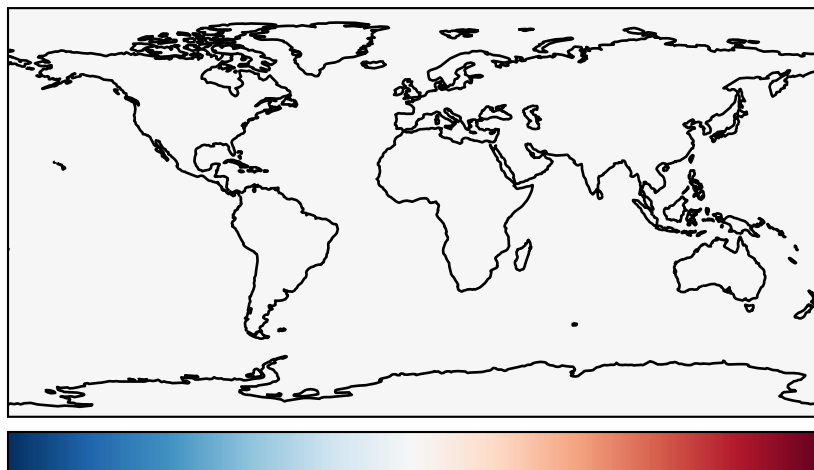
SpeciesConcVV_NHx

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24

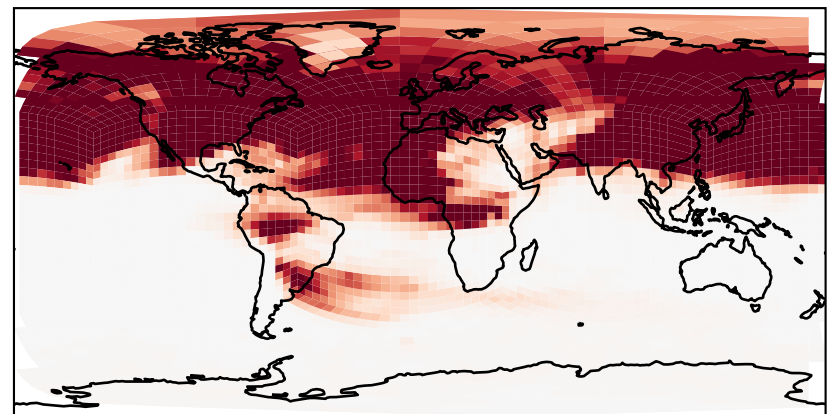


SpeciesConcVV_NH3

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24

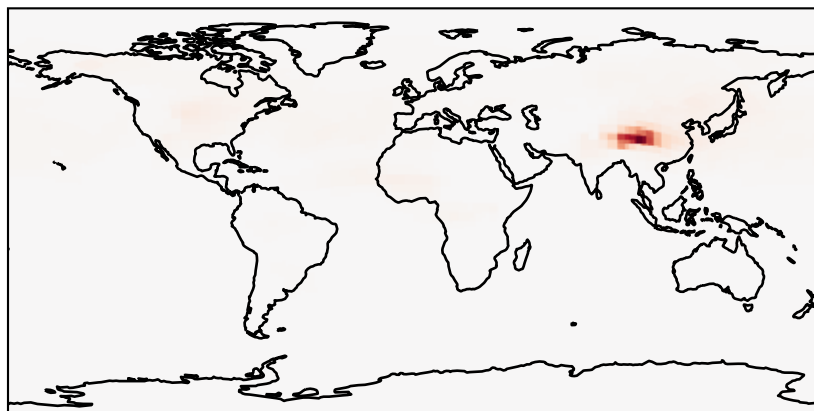


Zero throughout domain
ppb



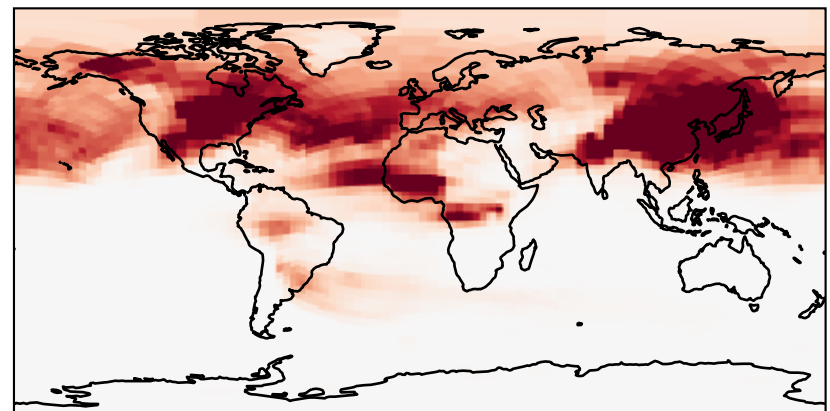
-0.006 0.000 0.006
ppb

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



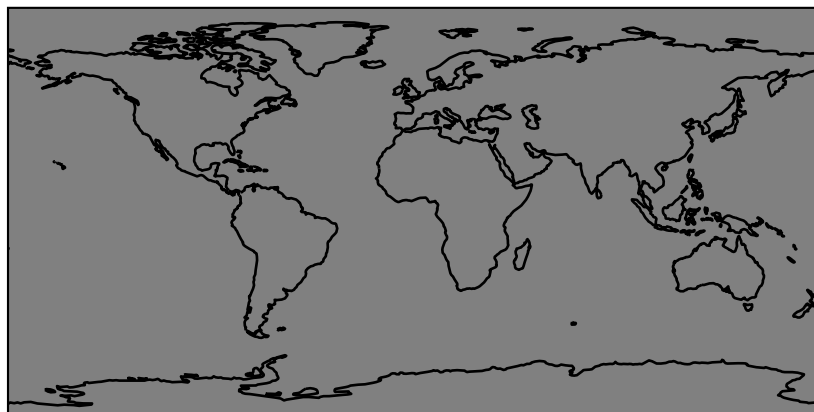
-0.889 -0.445 0.000 0.445 0.889
ppb

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



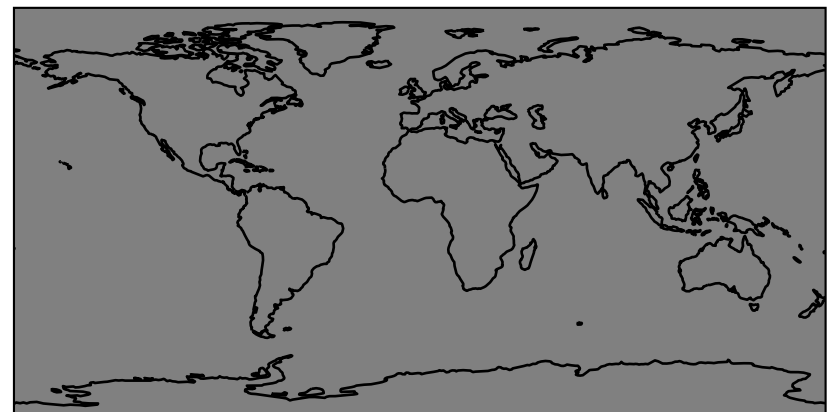
-0.015 0.000 0.015
ppb

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



Undefined throughout domain
unitless

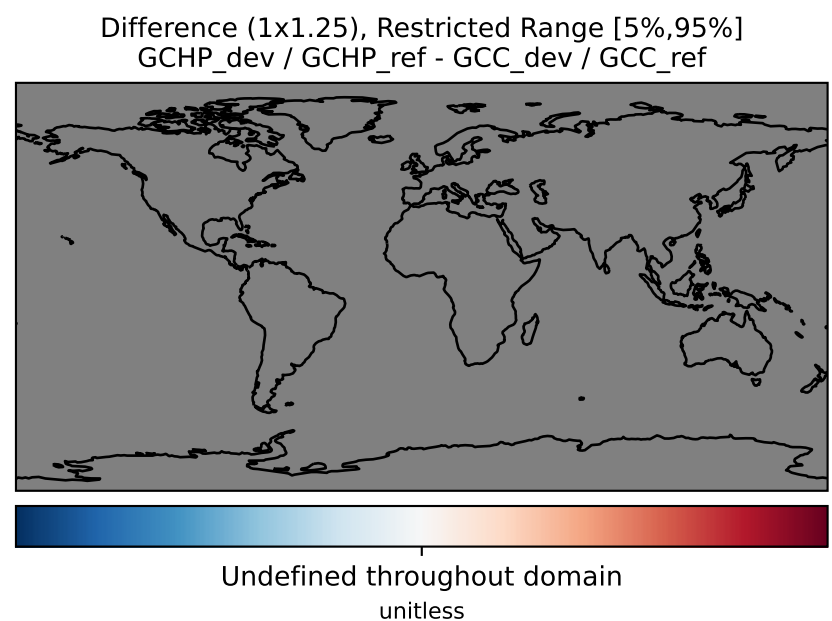
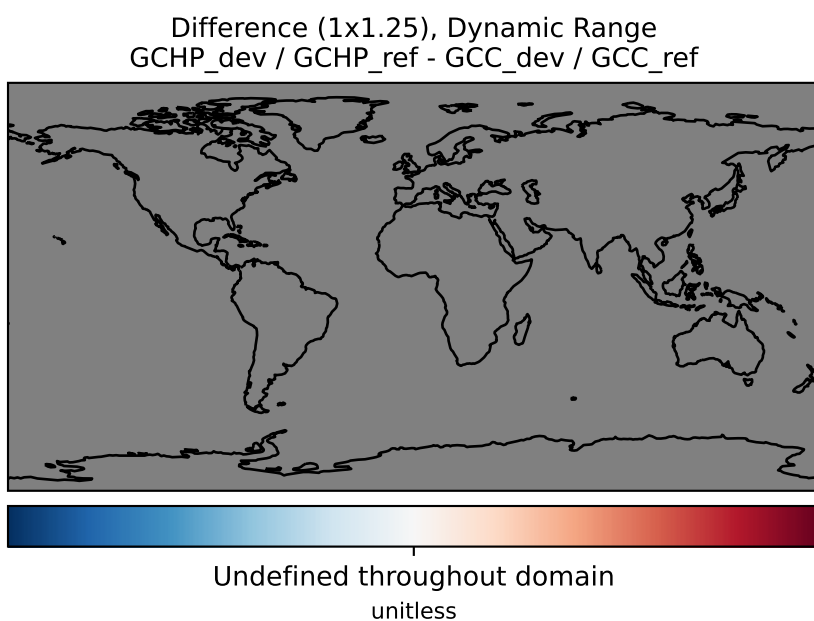
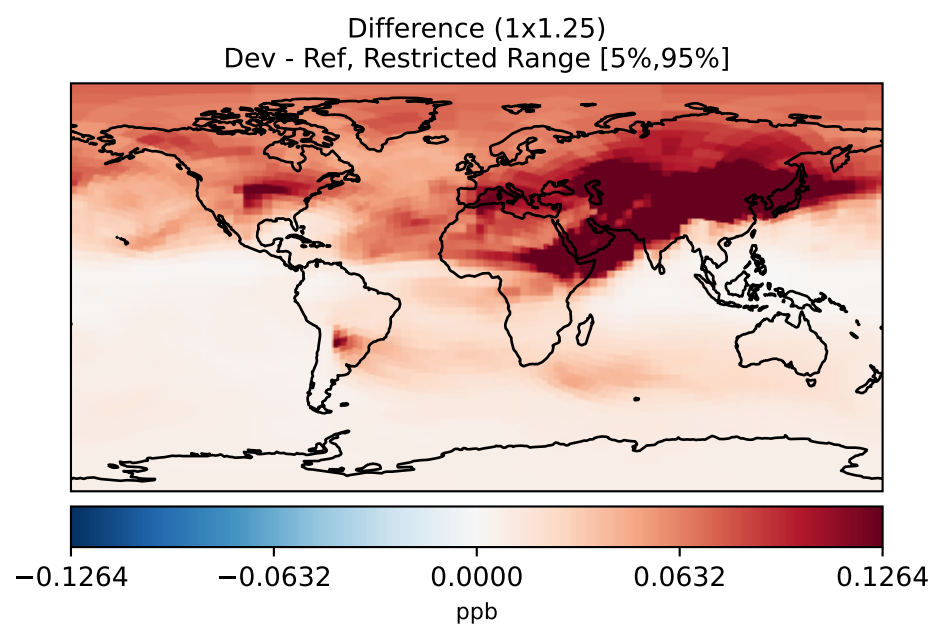
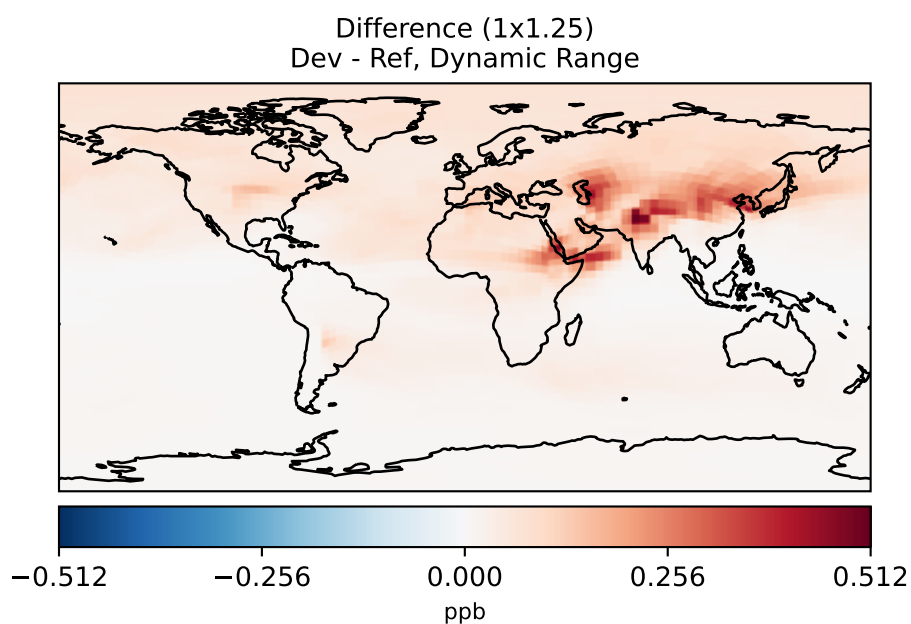
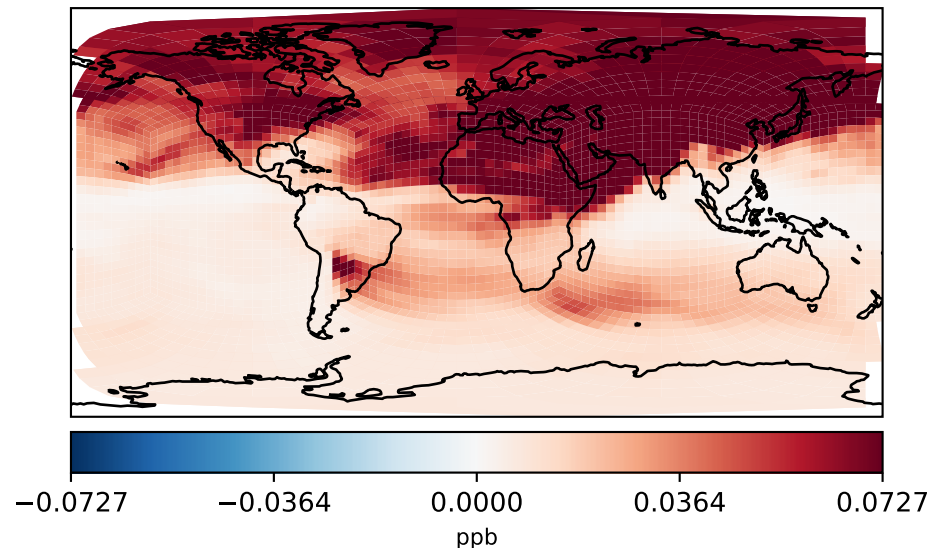
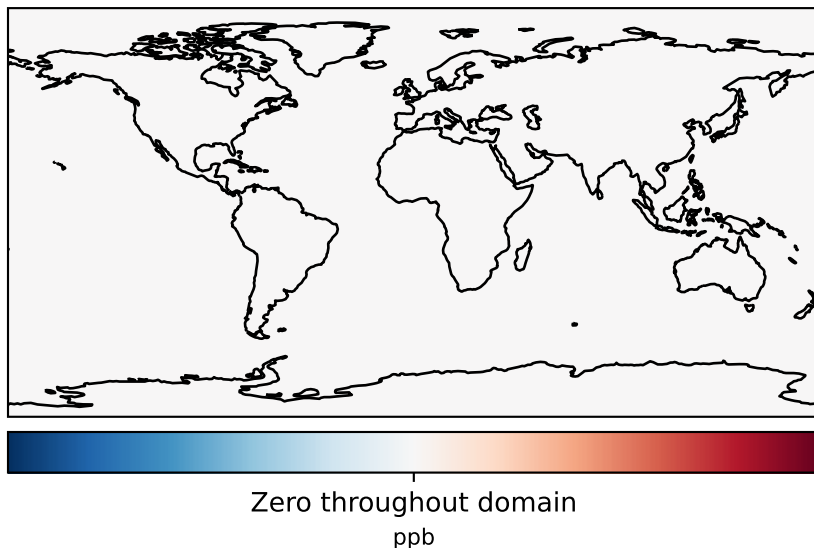
Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$



Undefined throughout domain
unitless

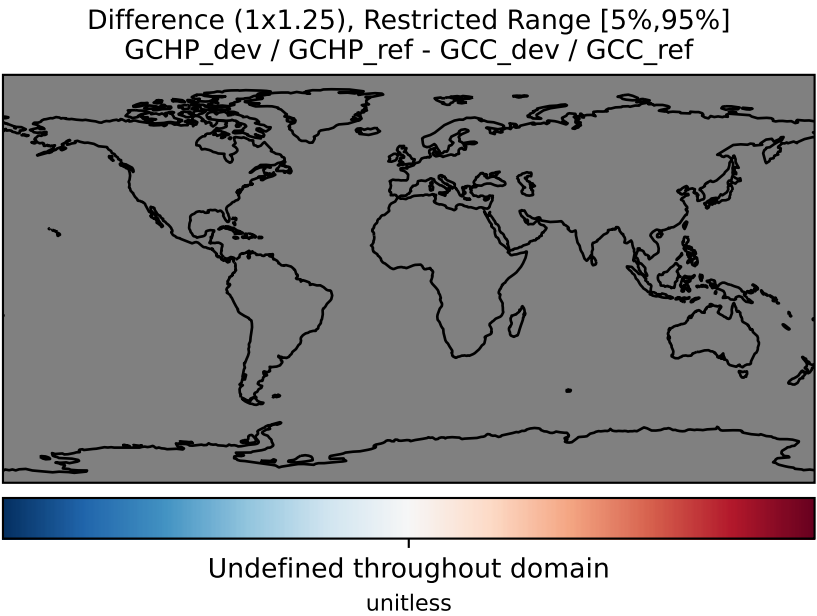
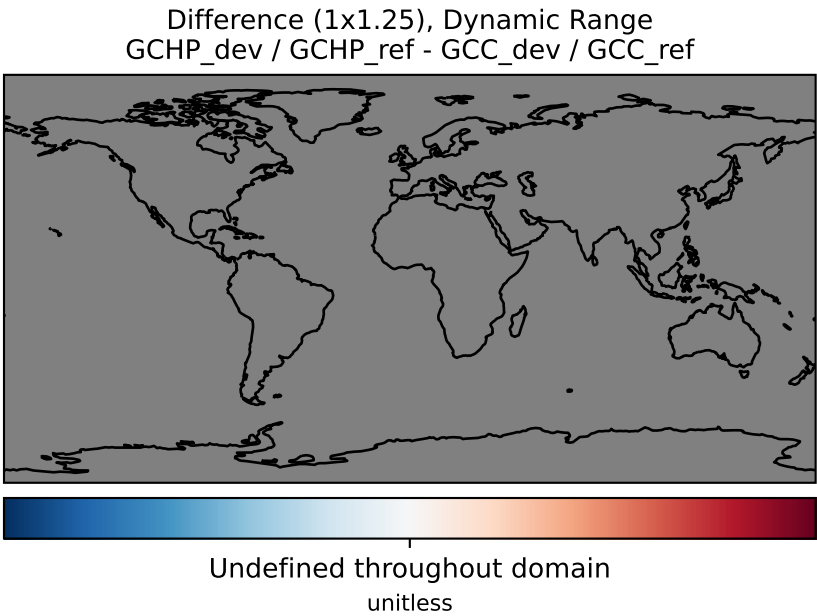
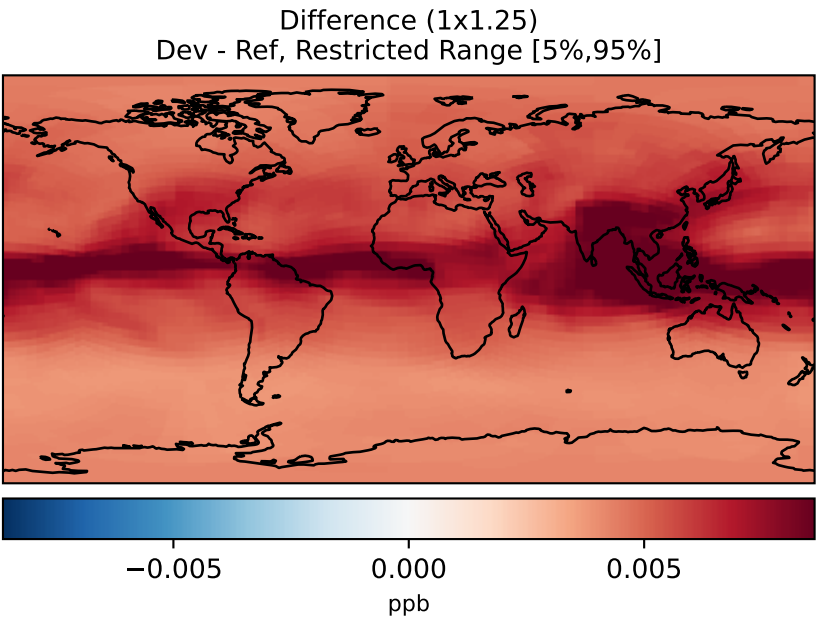
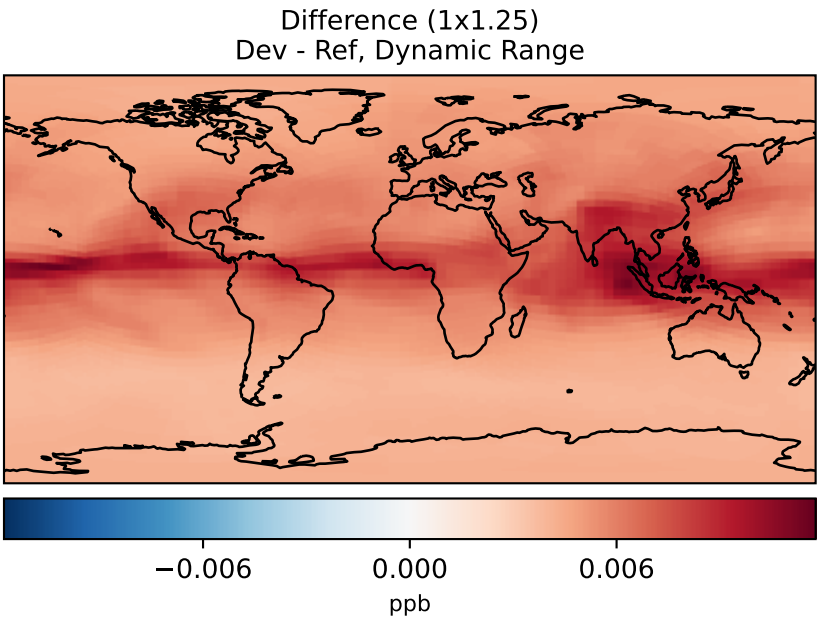
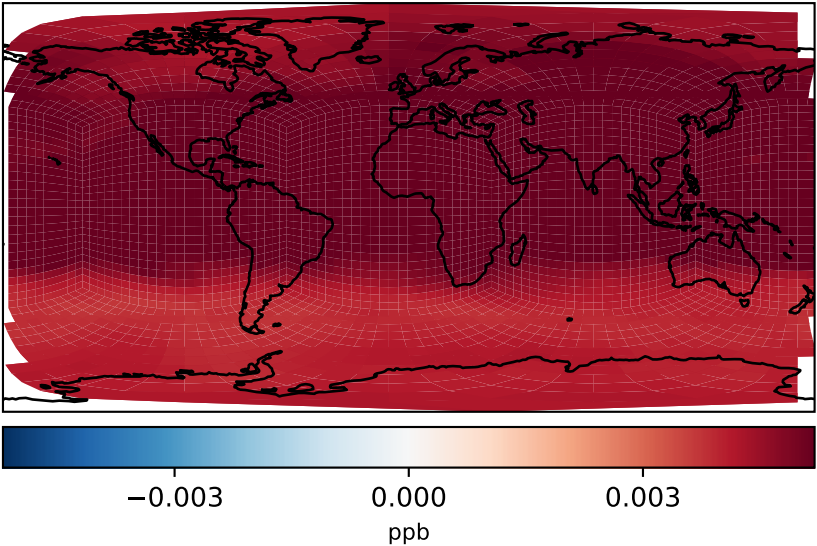
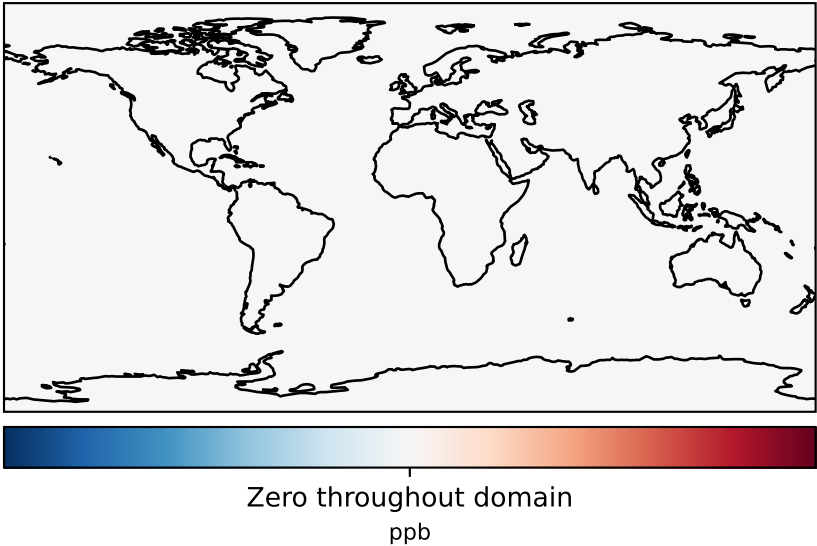
SpeciesConcVV_NH4

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24



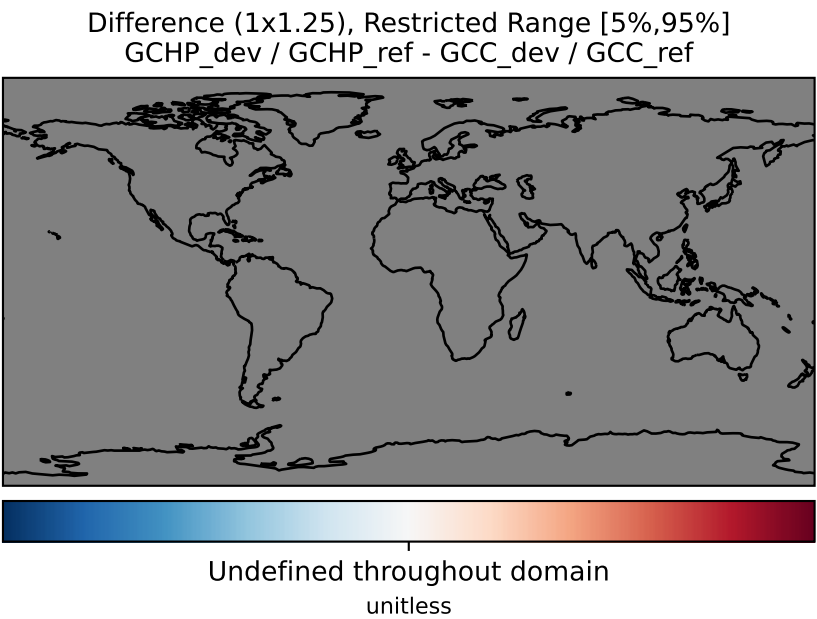
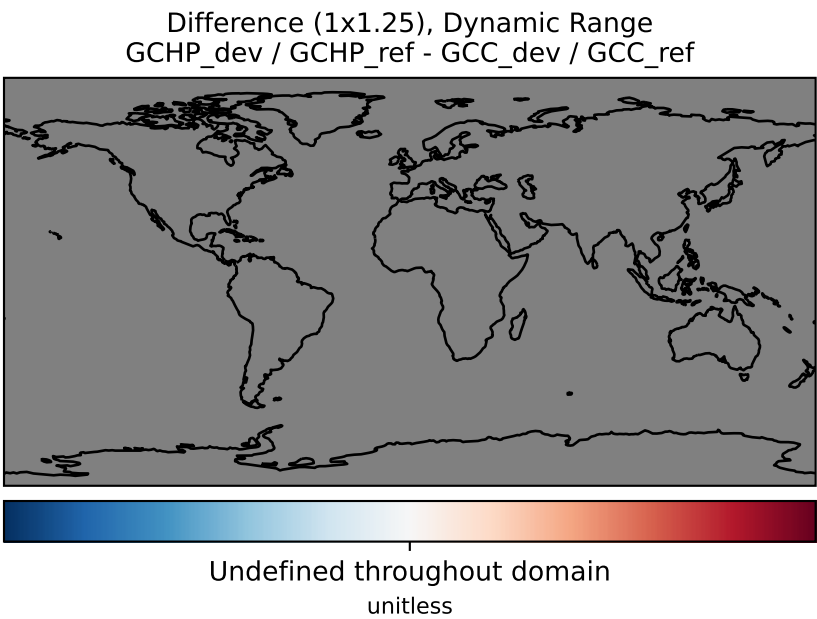
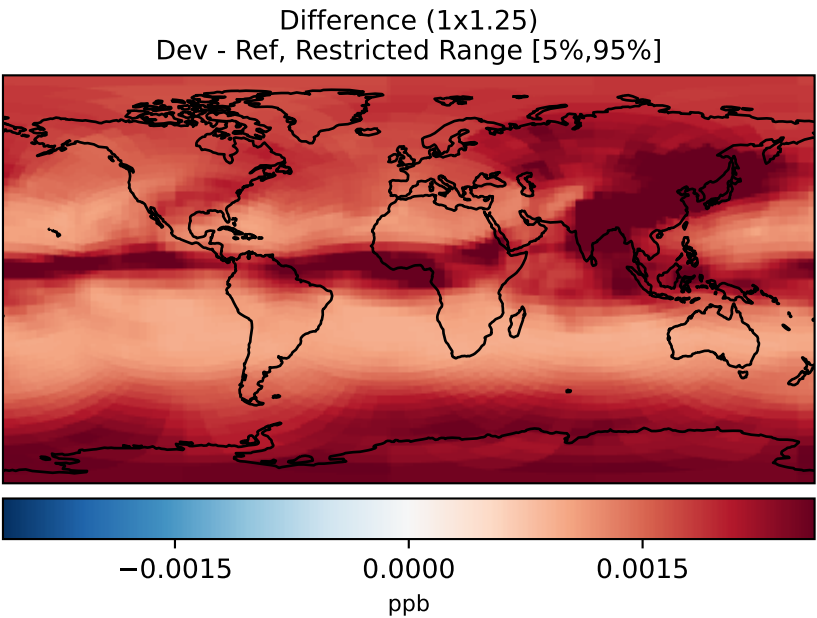
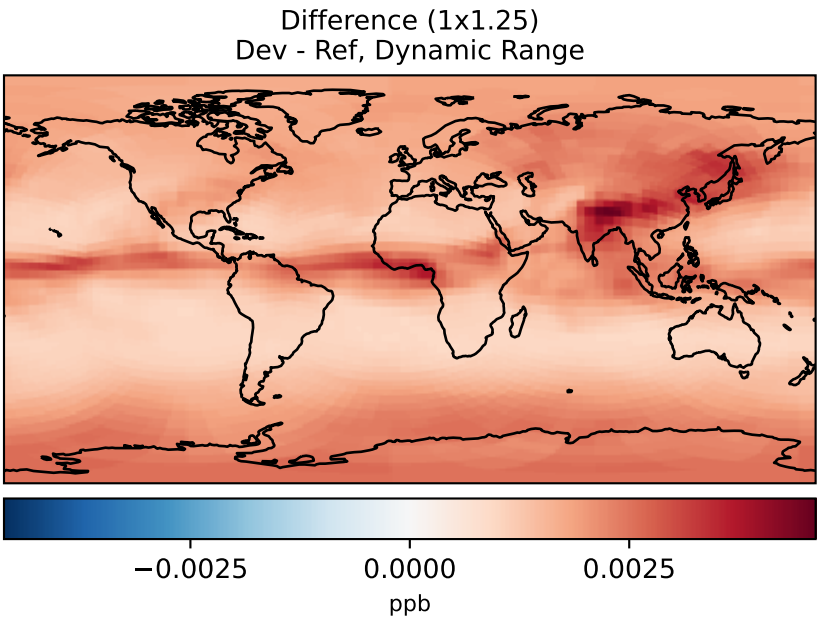
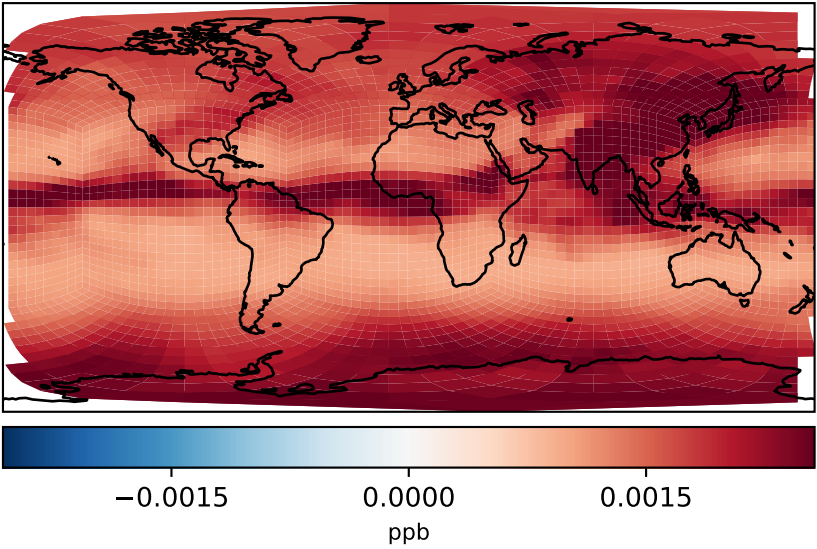
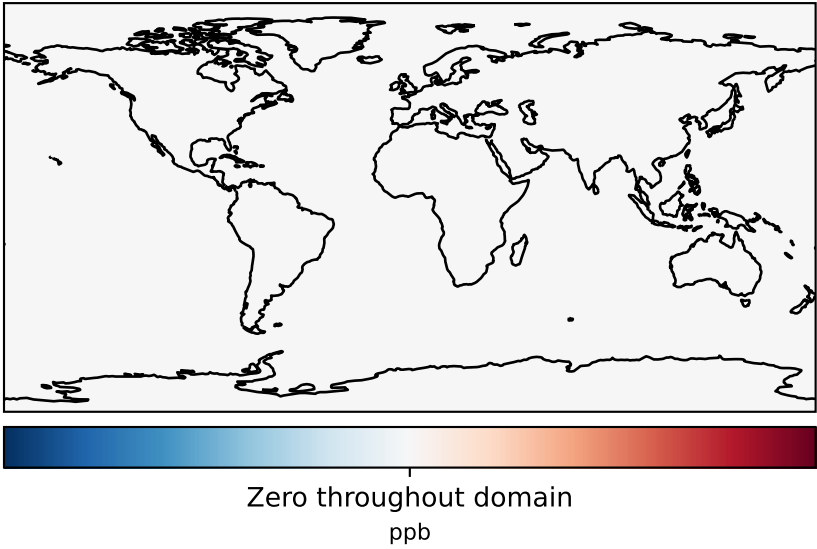
SpeciesConcVV_MENO3

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24



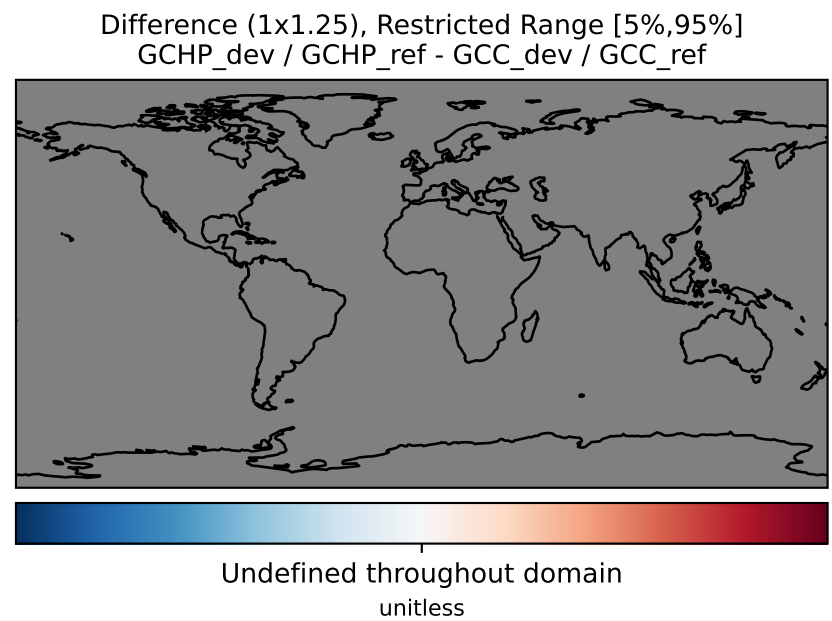
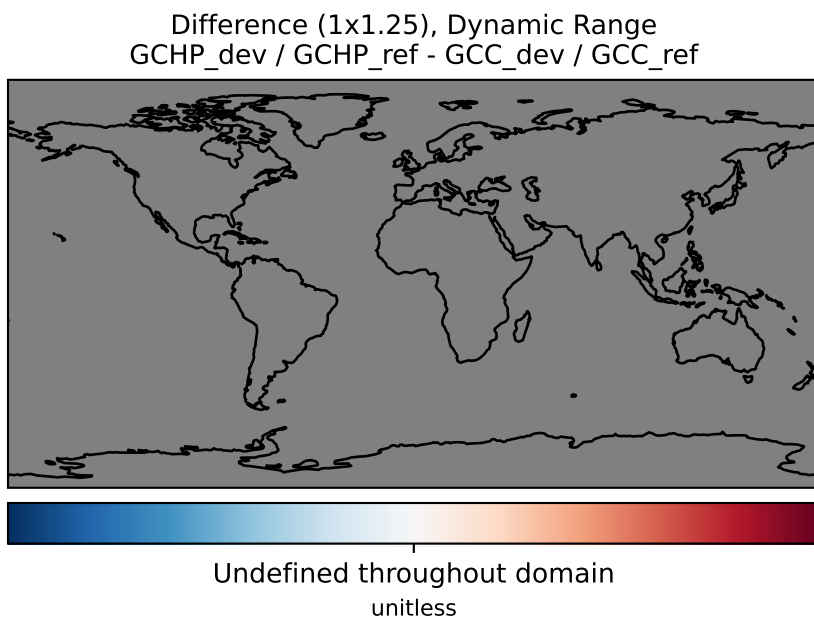
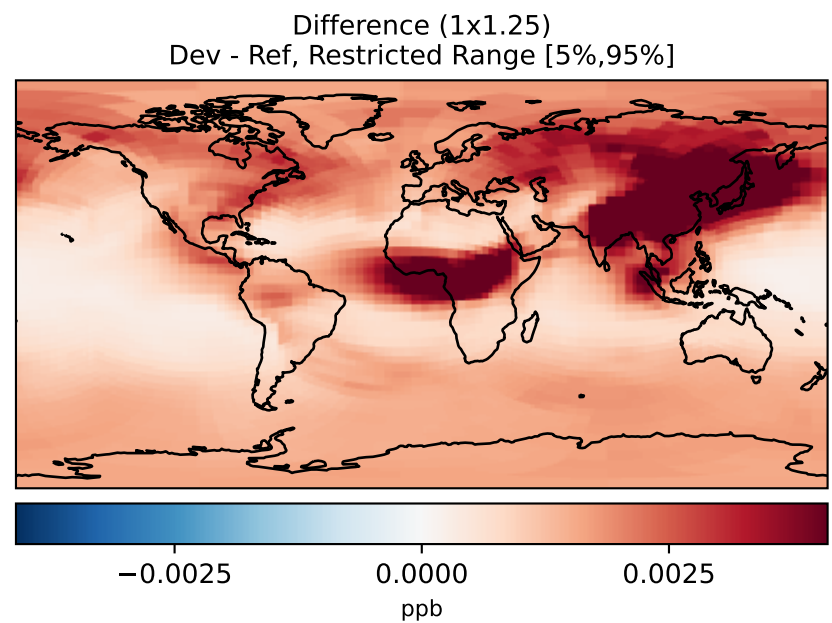
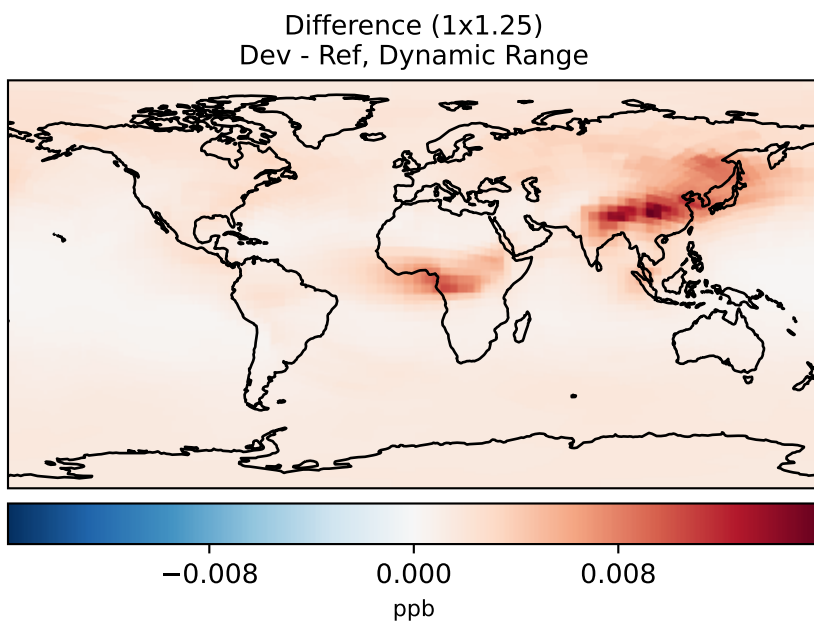
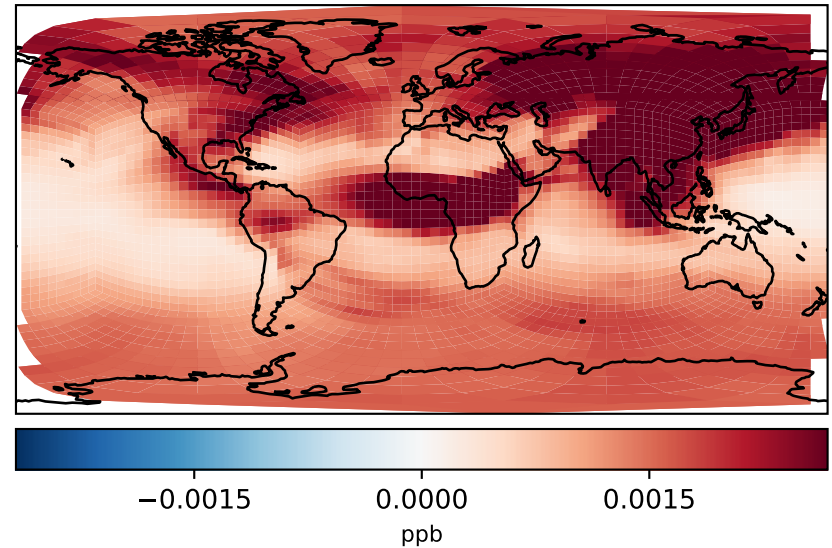
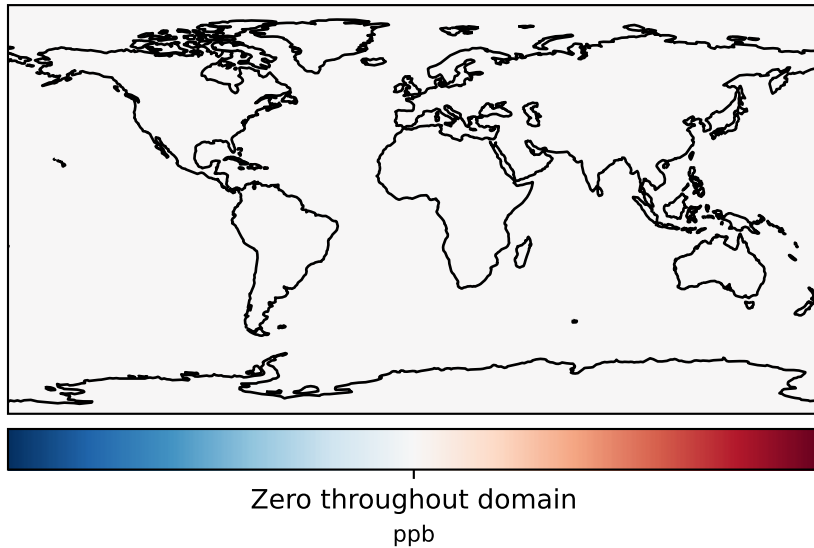
SpeciesConcVV_ETNO3

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24



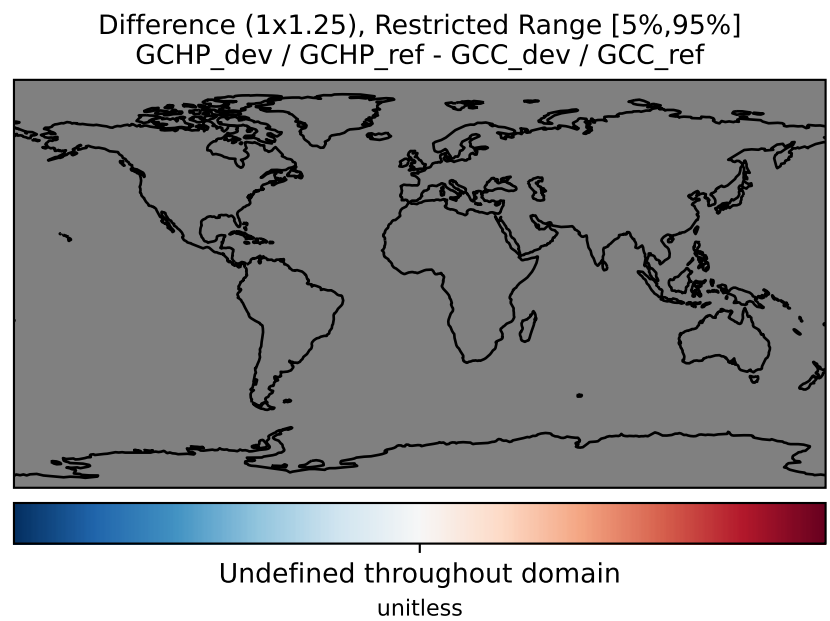
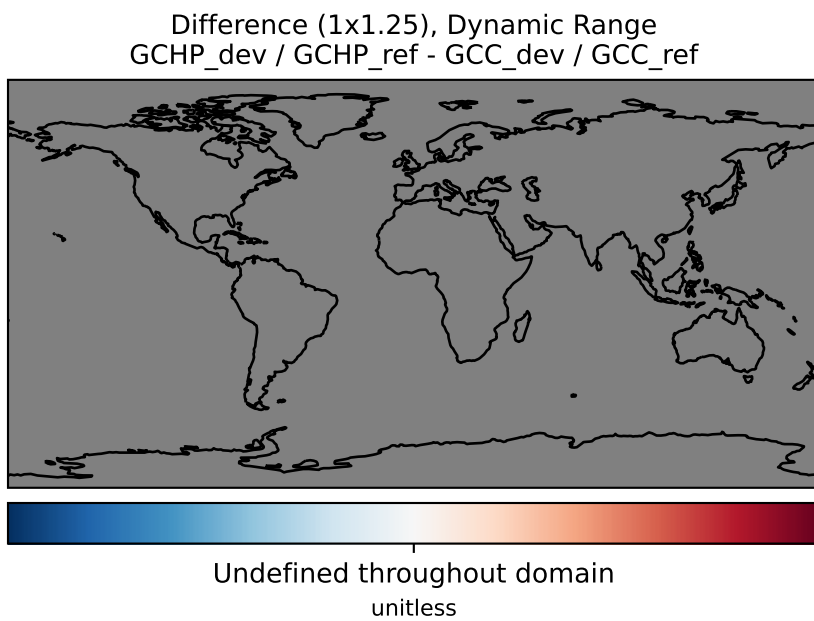
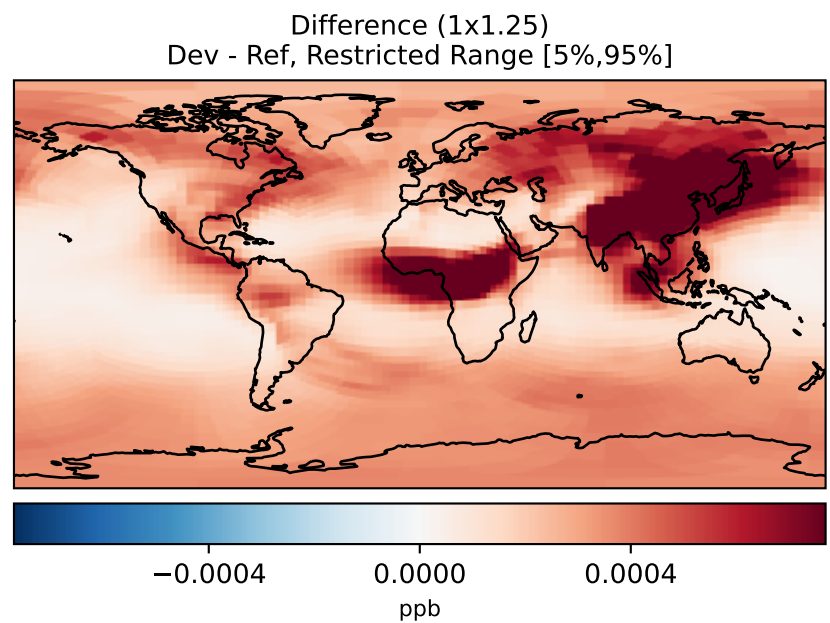
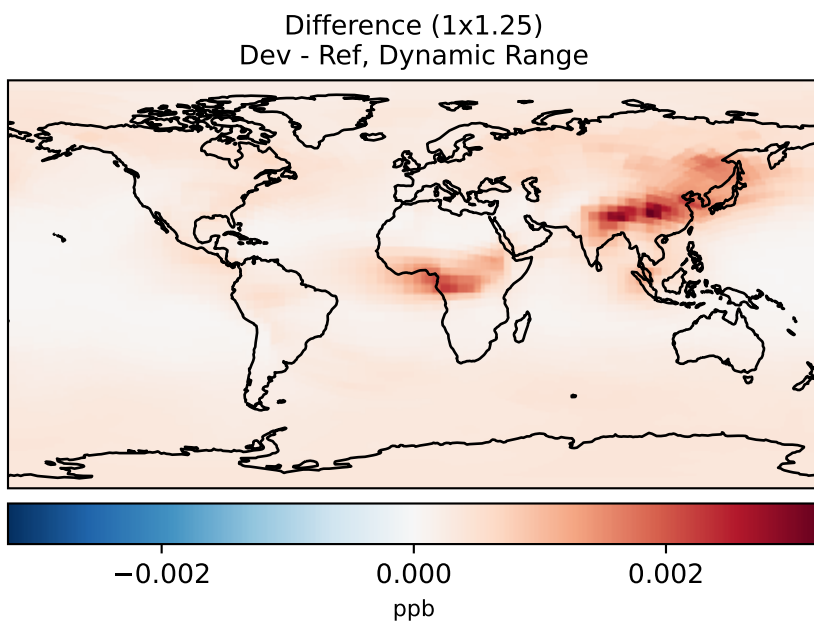
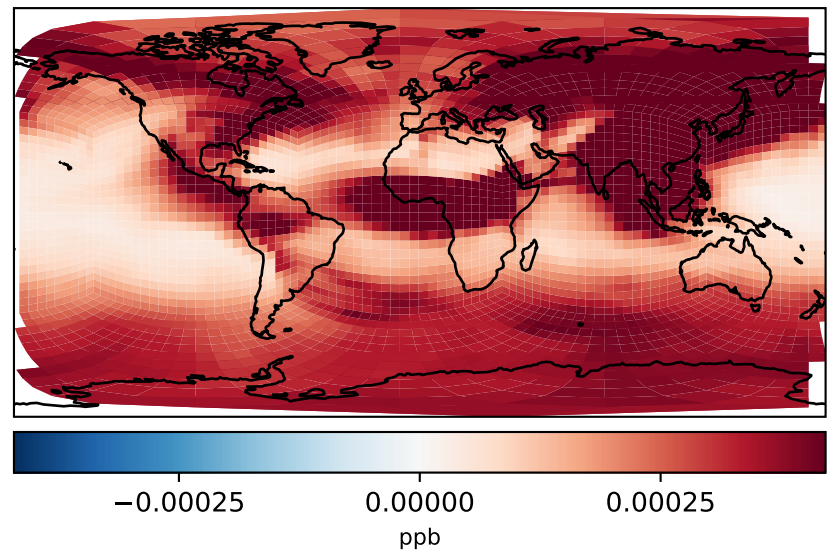
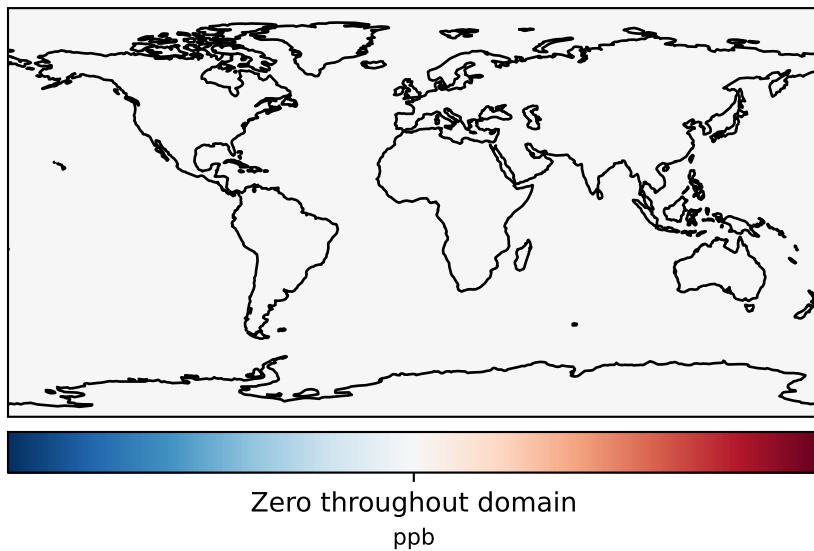
SpeciesConcVV_IPRNO3

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24



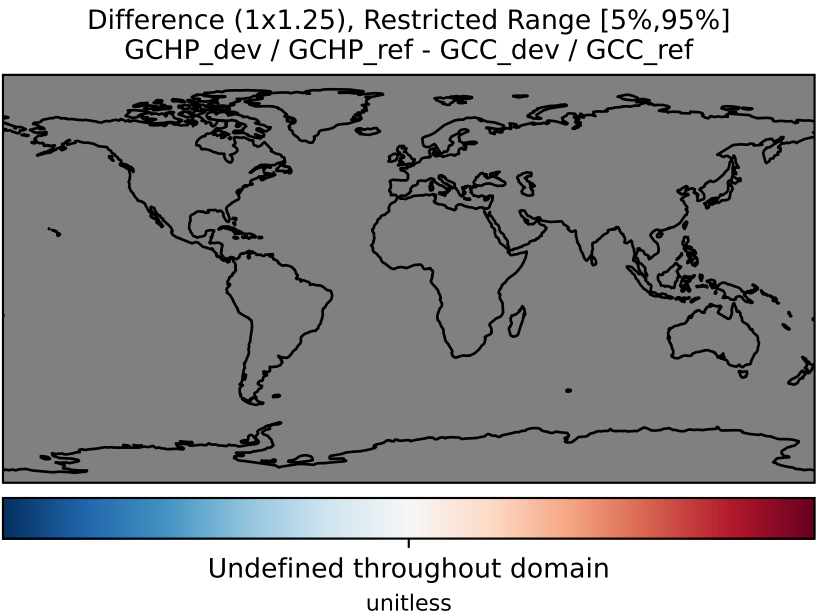
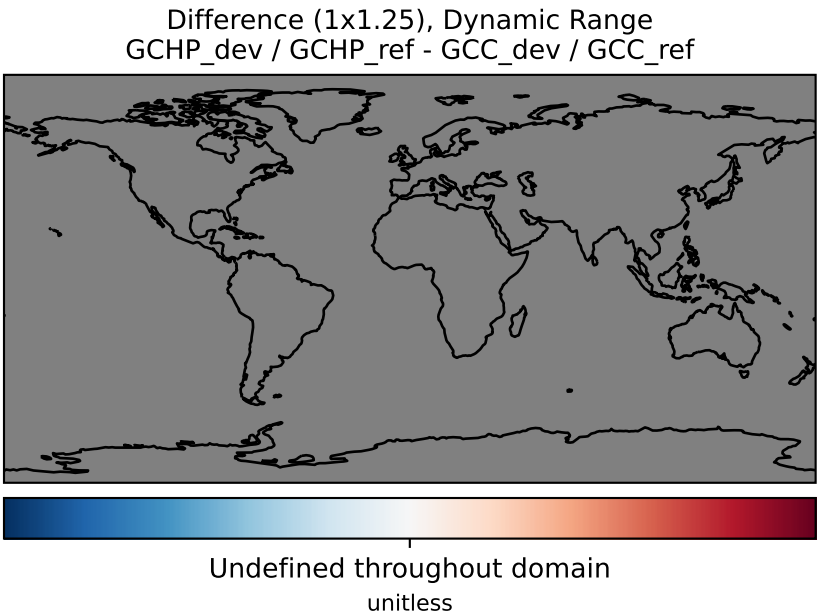
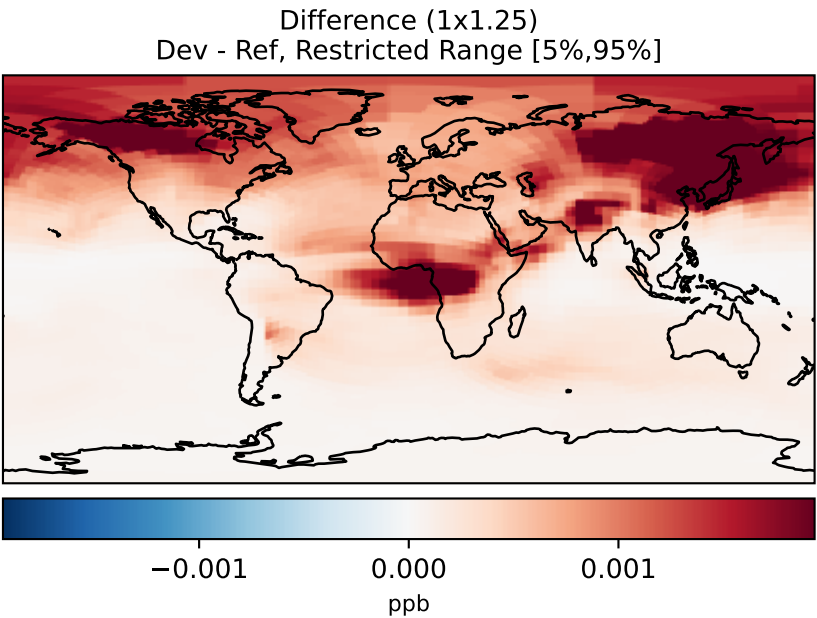
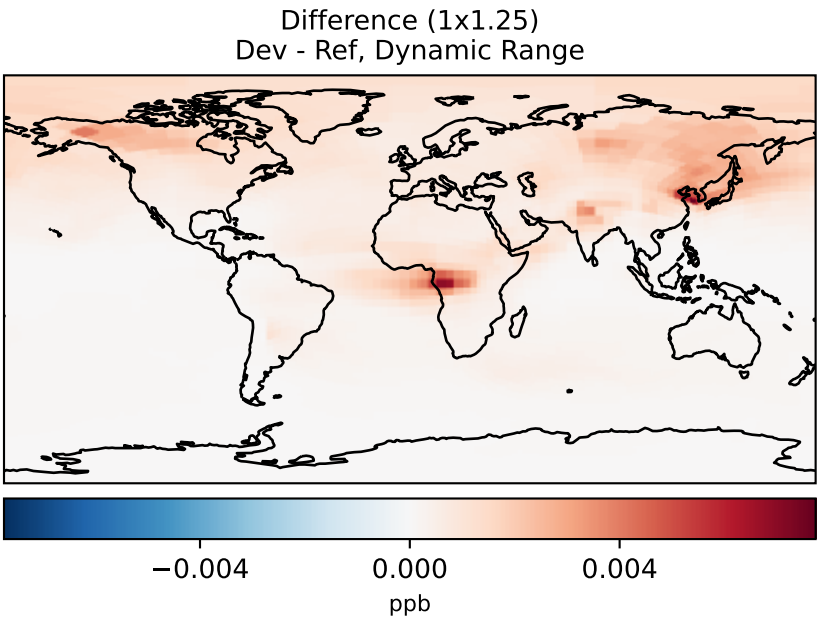
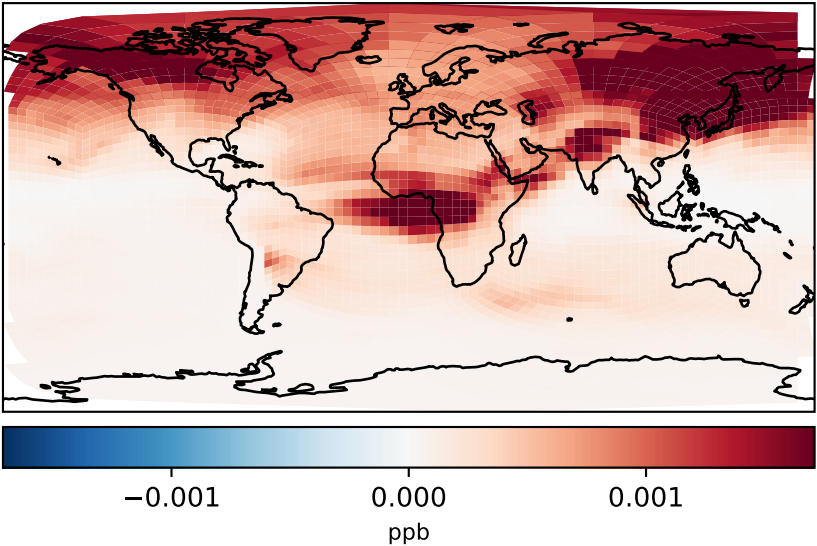
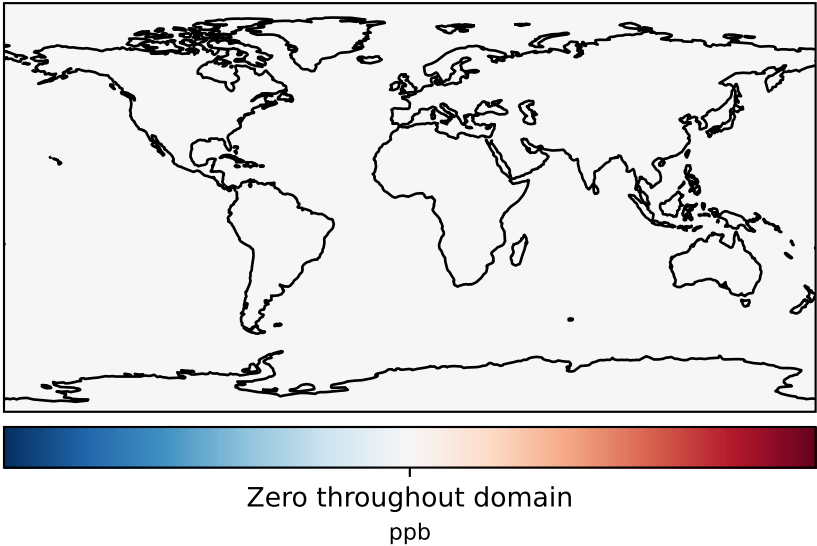
SpeciesConcVW_NPRNO3

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24



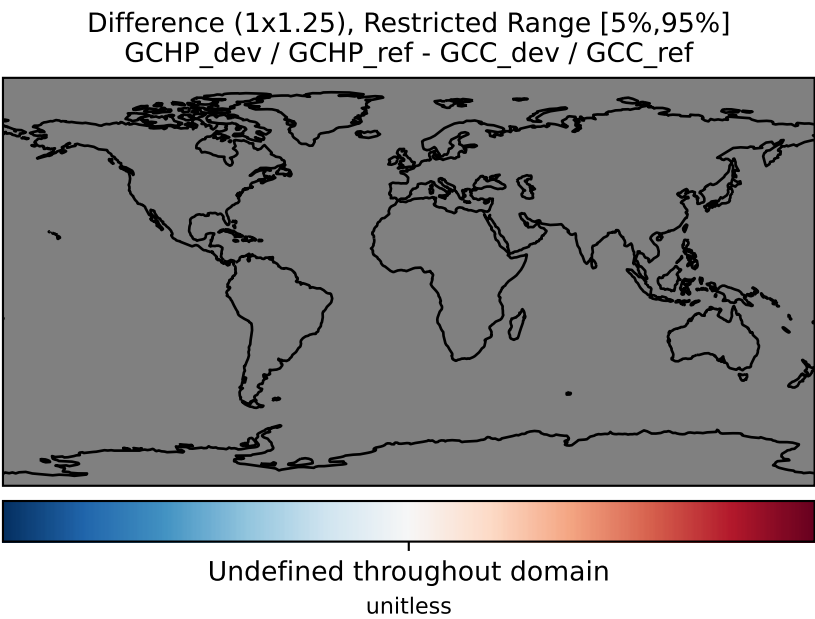
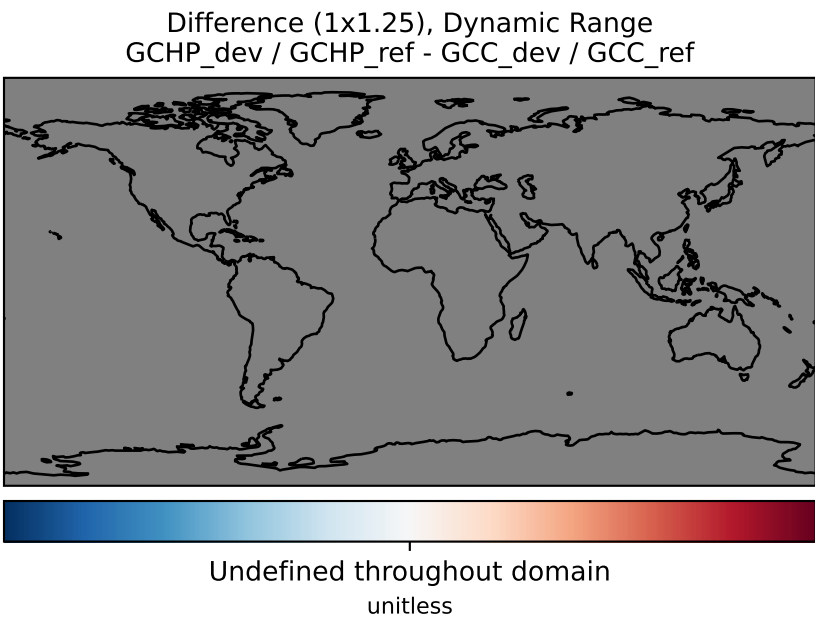
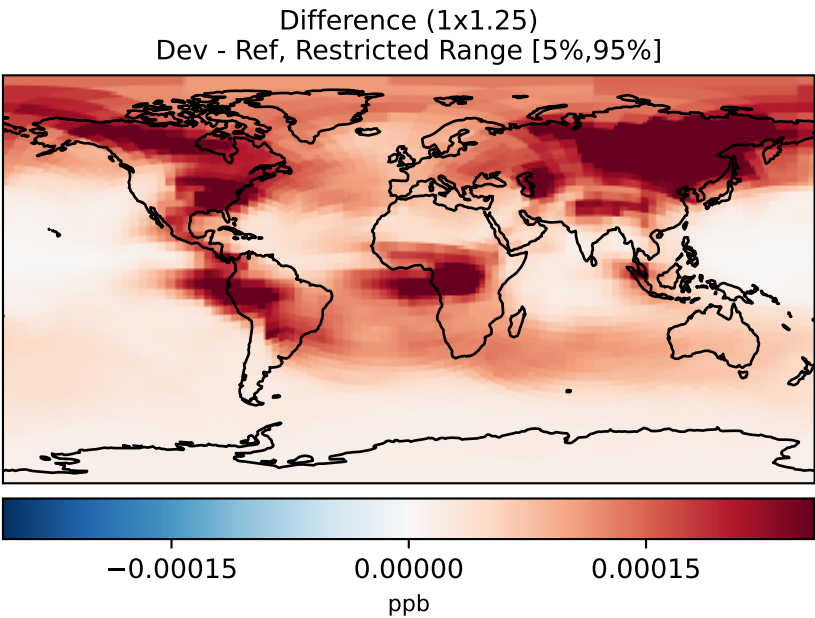
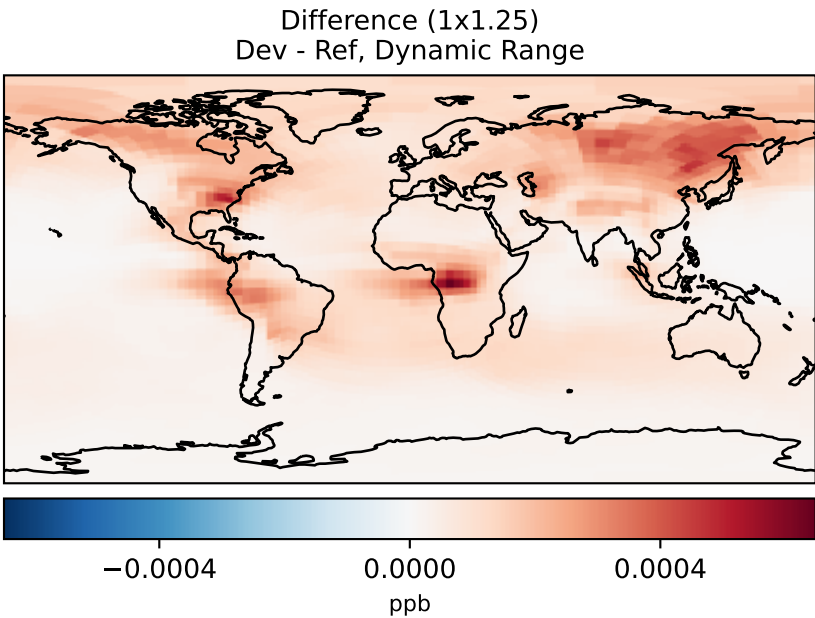
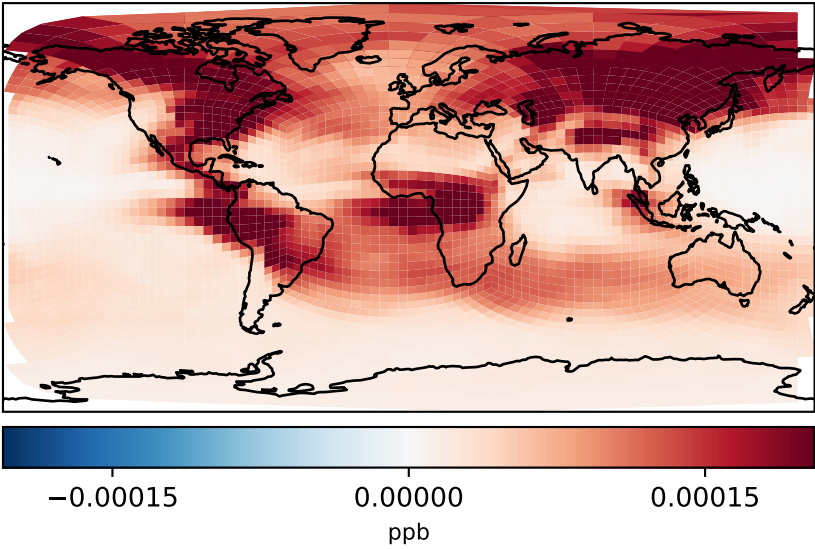
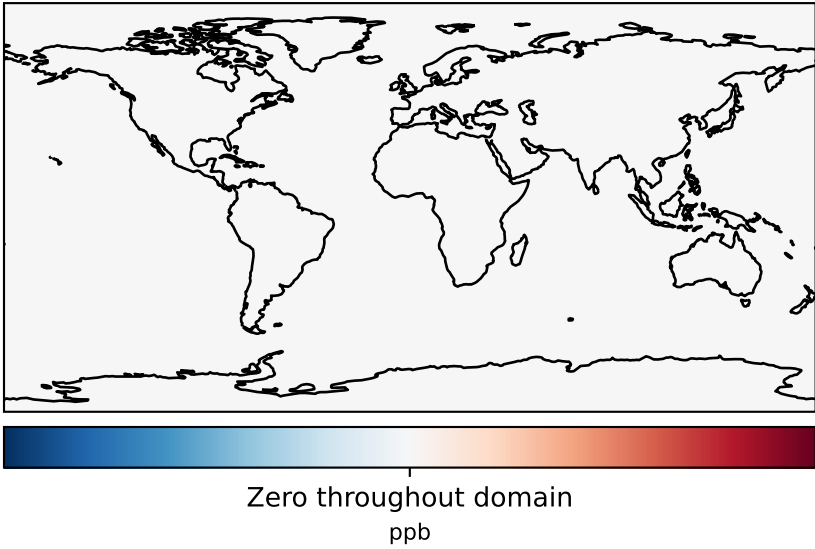
SpeciesConcVW_AONITA

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24



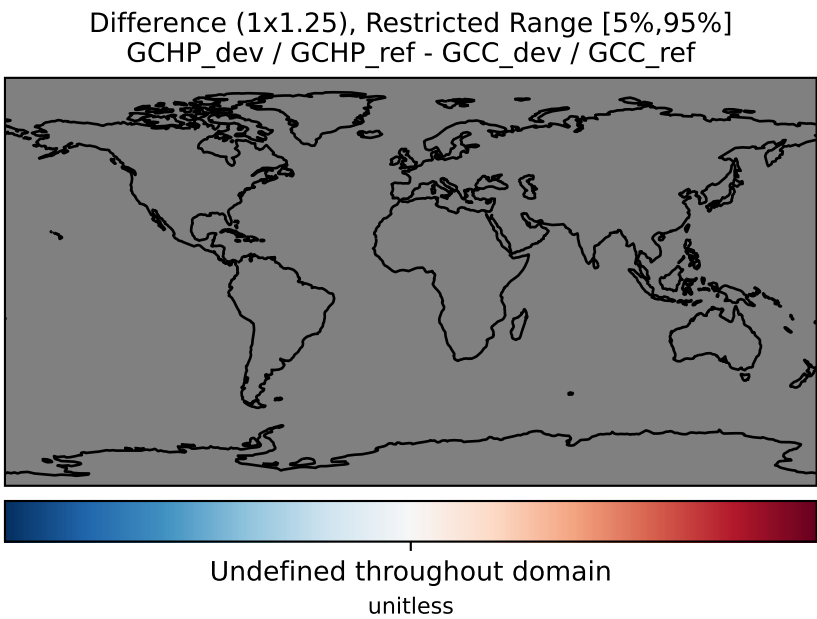
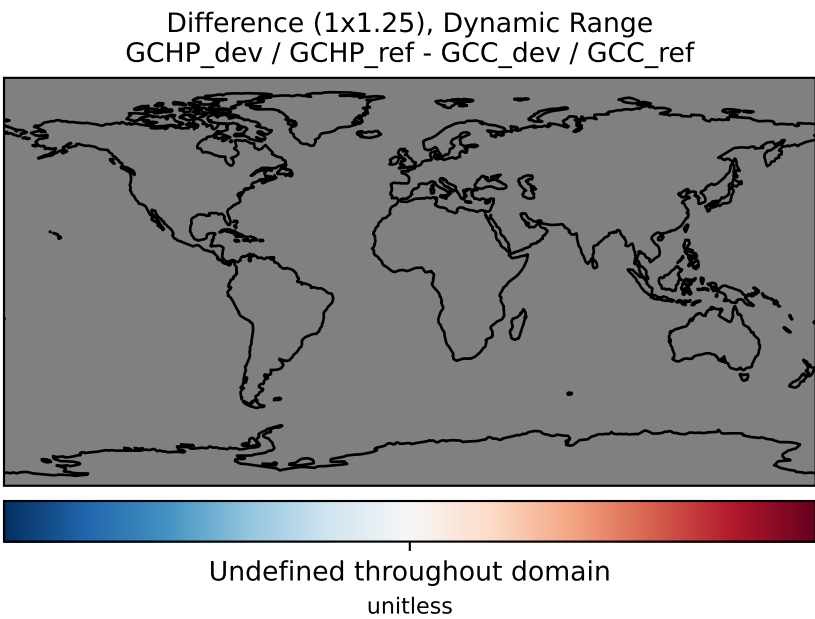
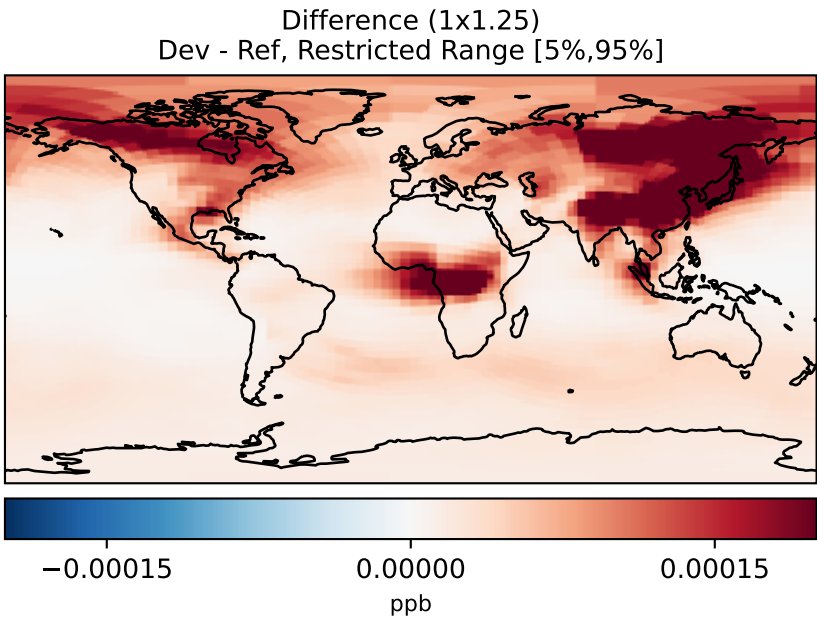
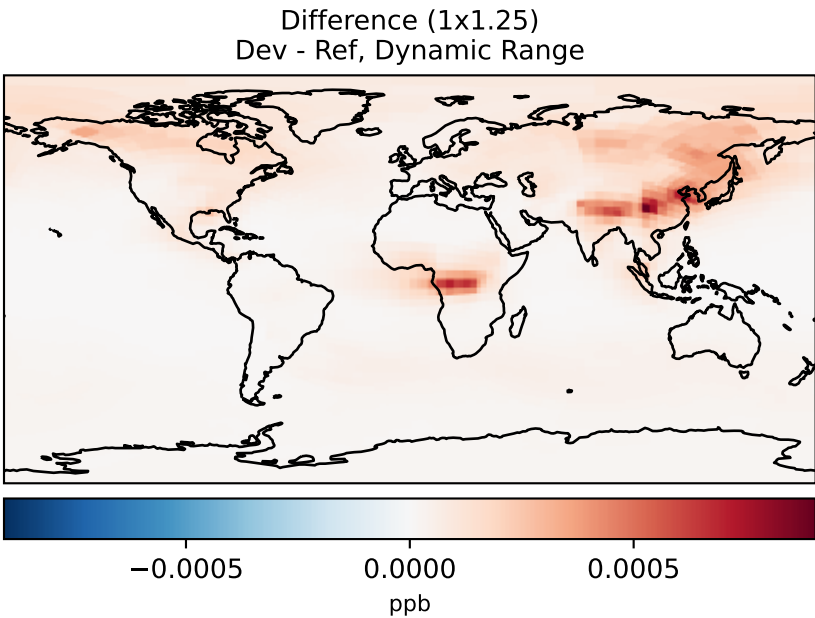
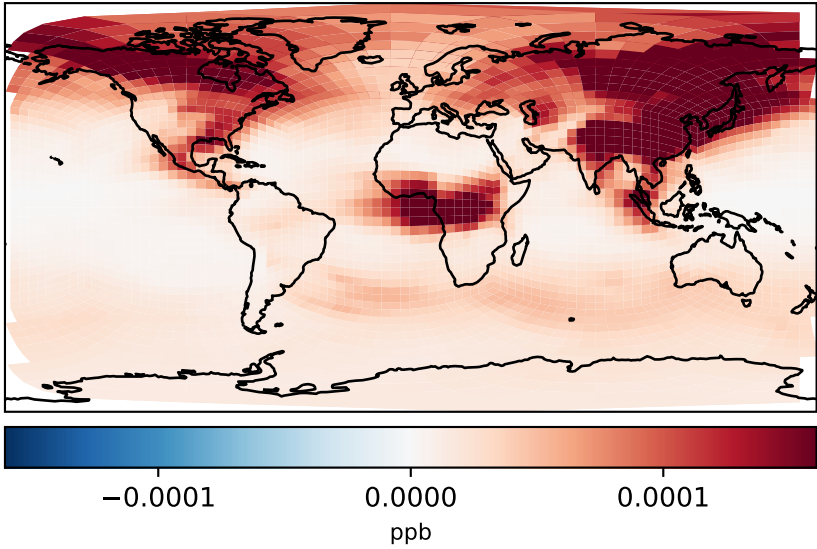
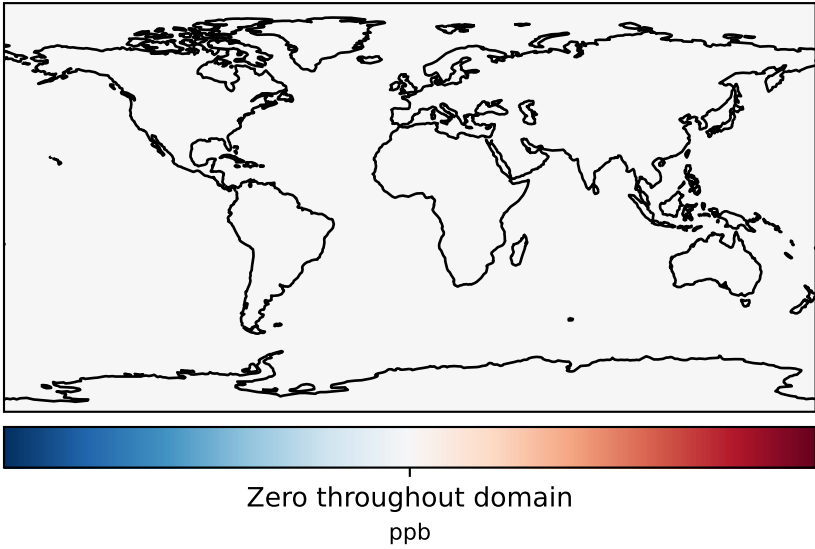
SpeciesConcVV_ETHN

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24



SpeciesConcVV_BZPAN

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24



SpeciesConcVV_NPHEN

gcc-4x5-1Mon-14.6.0-alpha.15_-_gcc-4x5-1Mon-14.6.0-alpha.14 (Ref) 4.0x5.0 gchp-c24-1Mon-14.6.0-alpha.15_-_gchp-c24-1Mon-14.6.0-alpha.14 (Dev) c24

