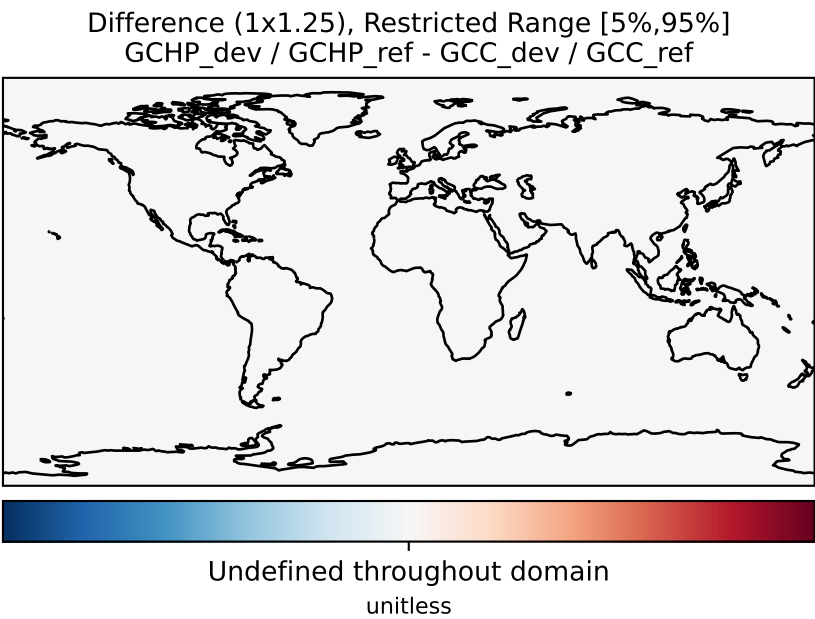
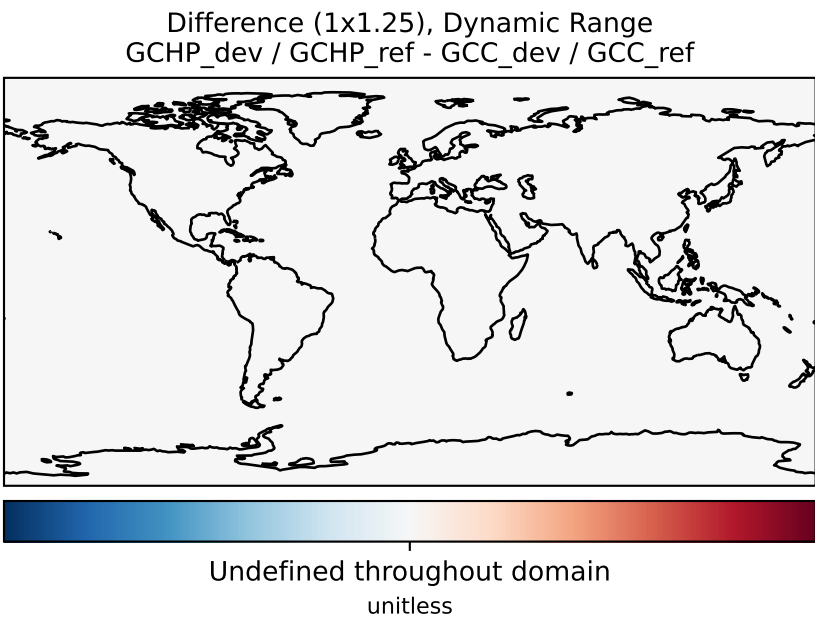
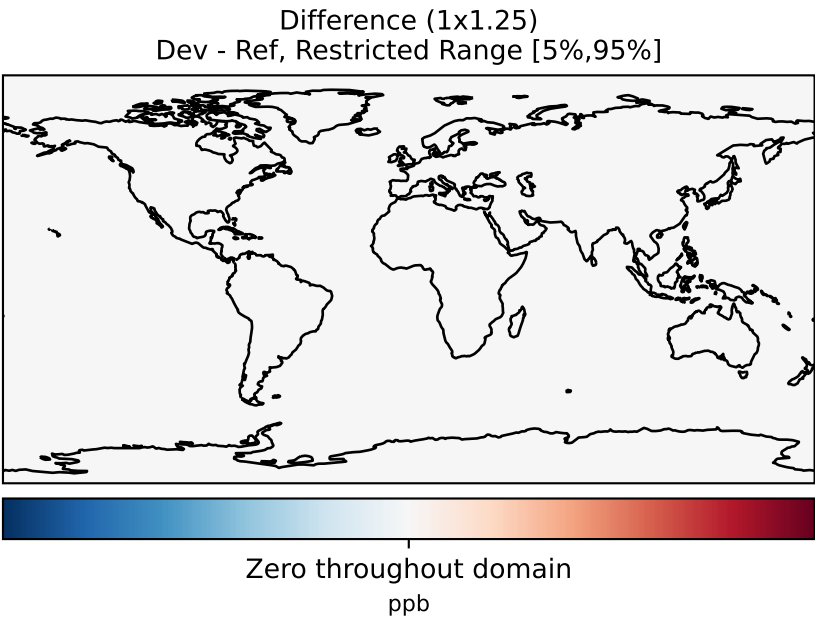
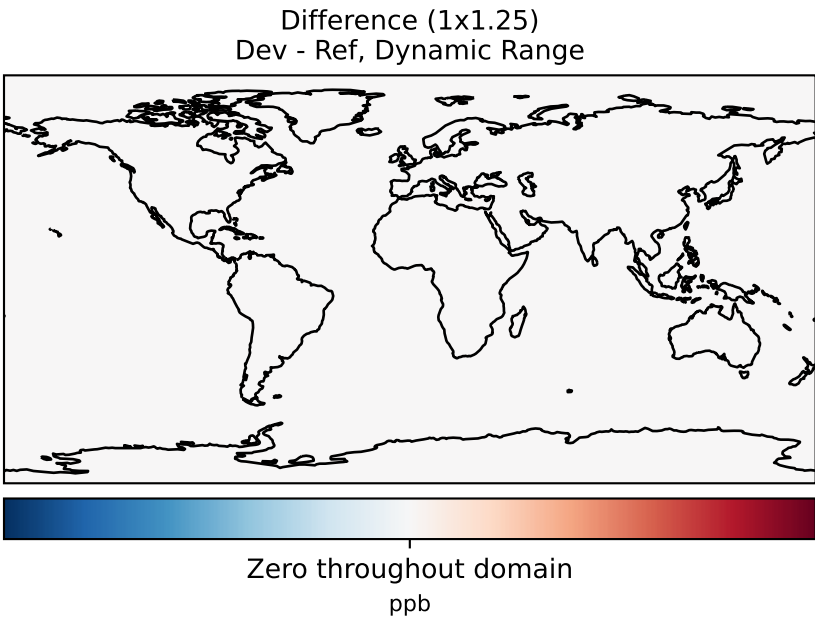
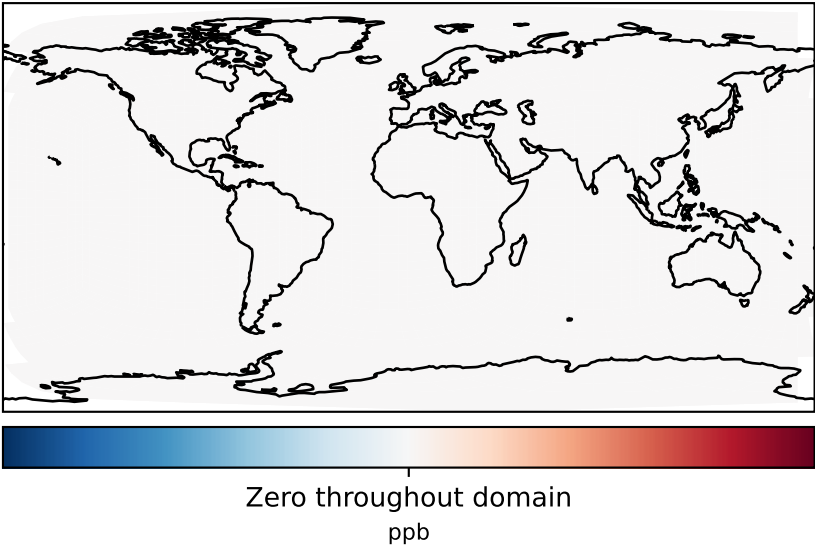
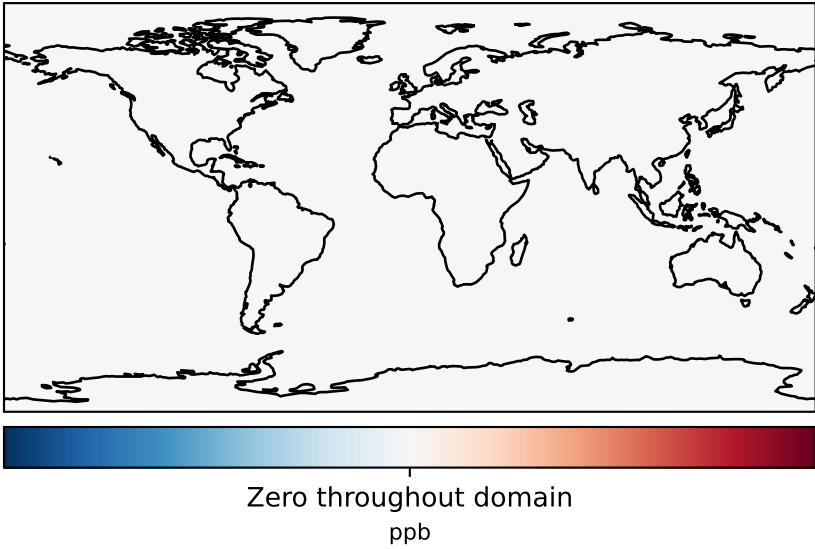


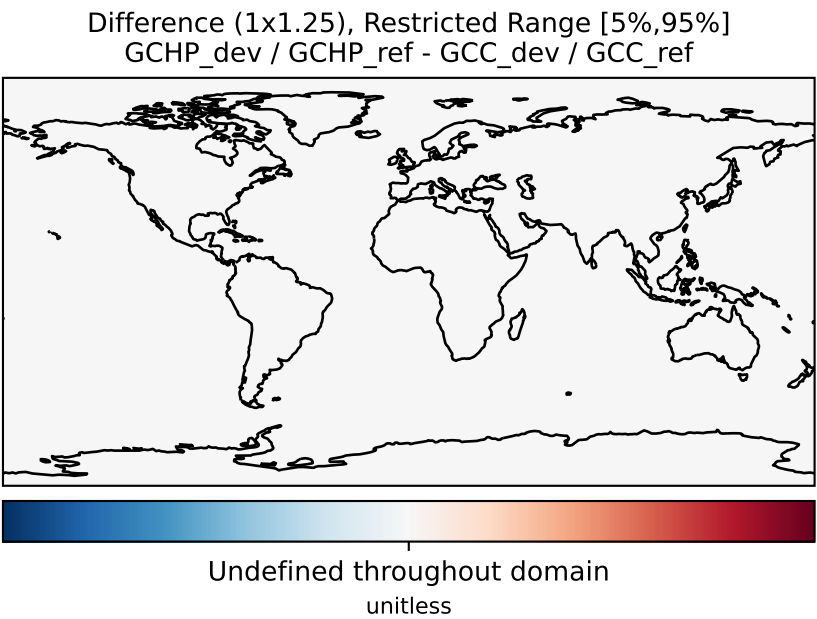
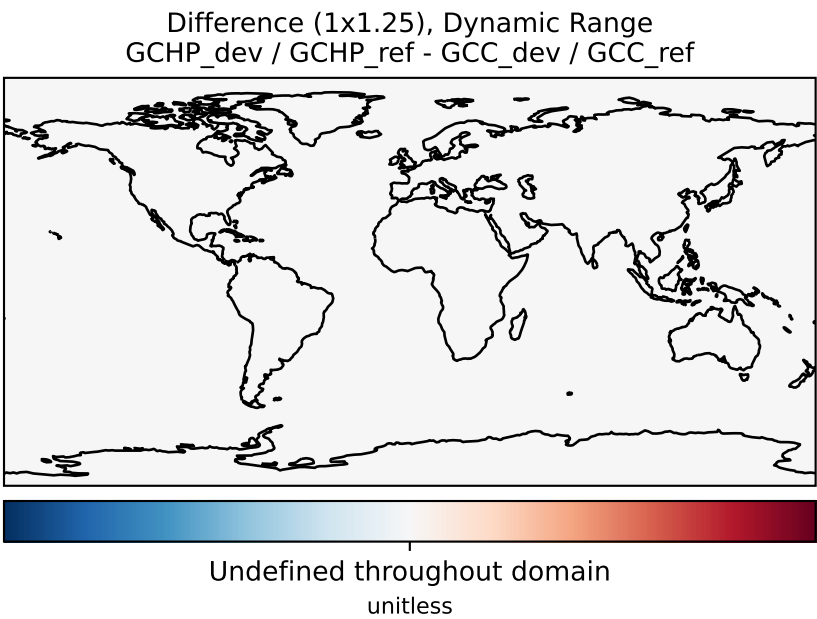
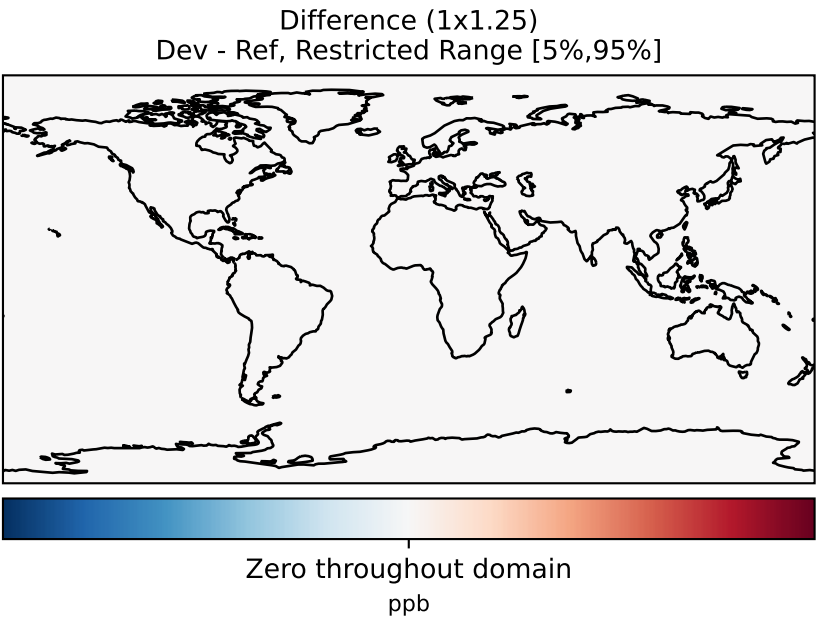
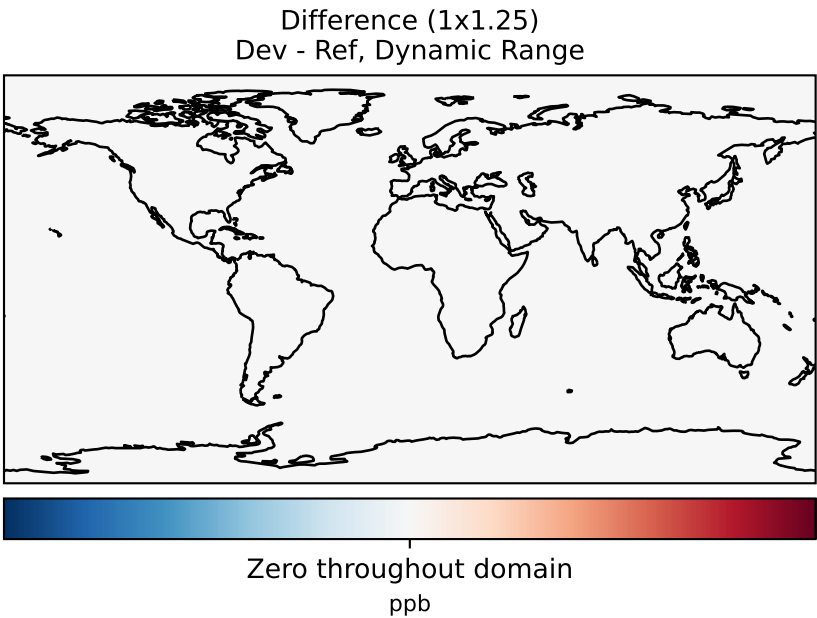
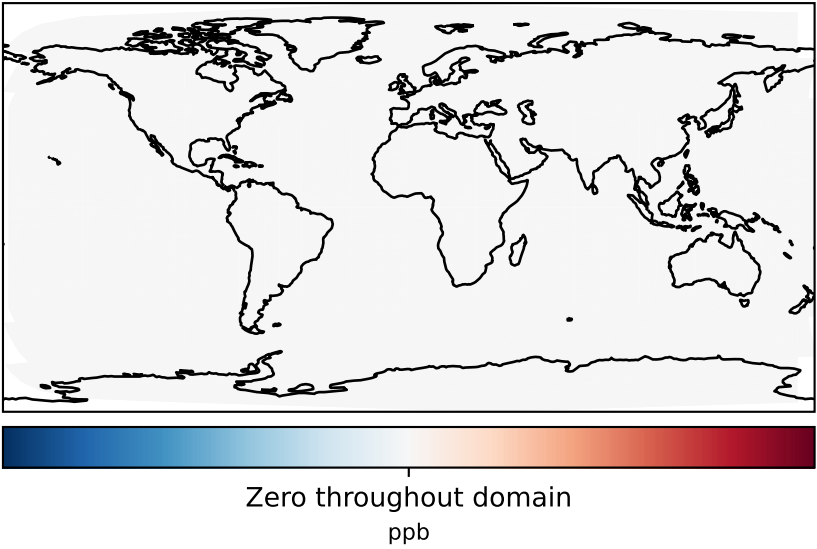
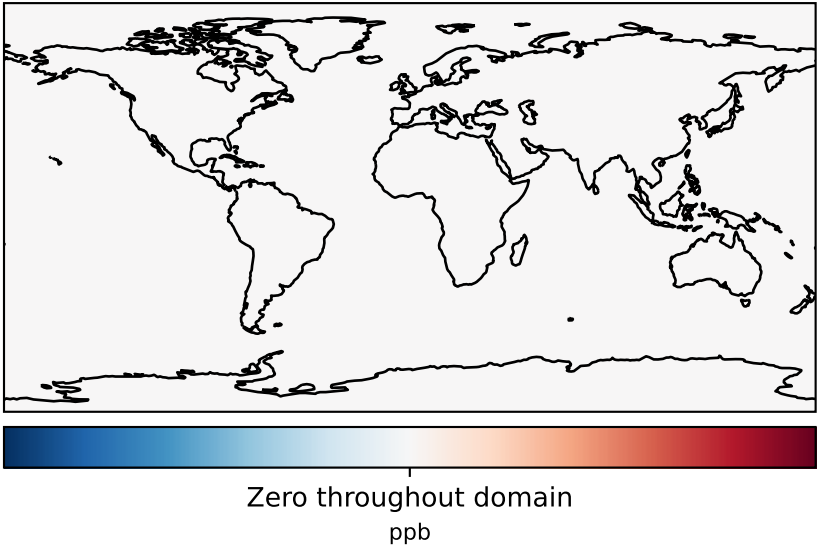
SpeciesConcVV_DST1

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24



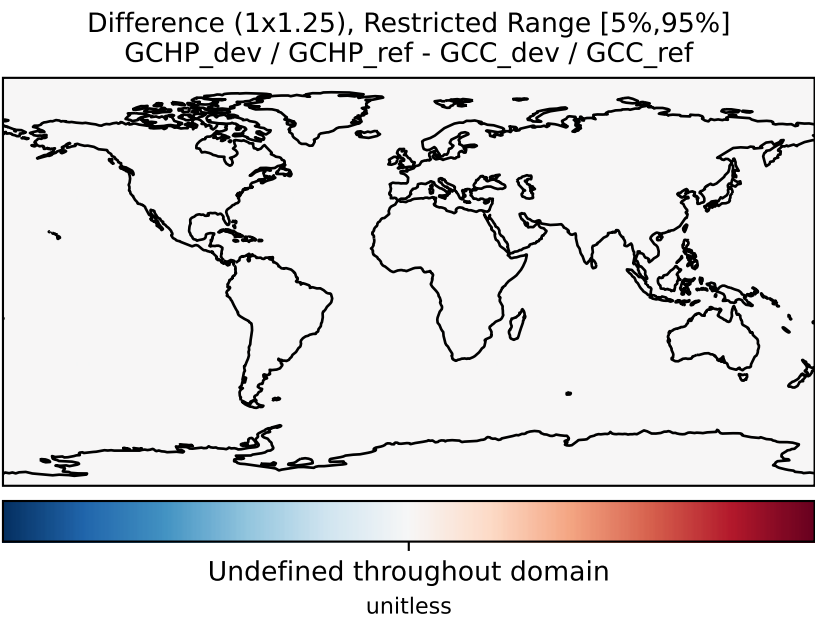
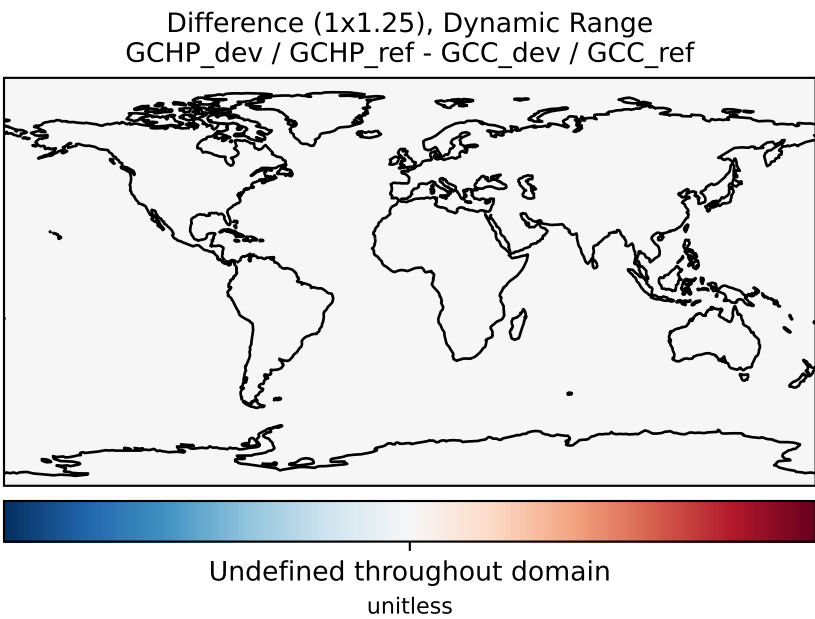
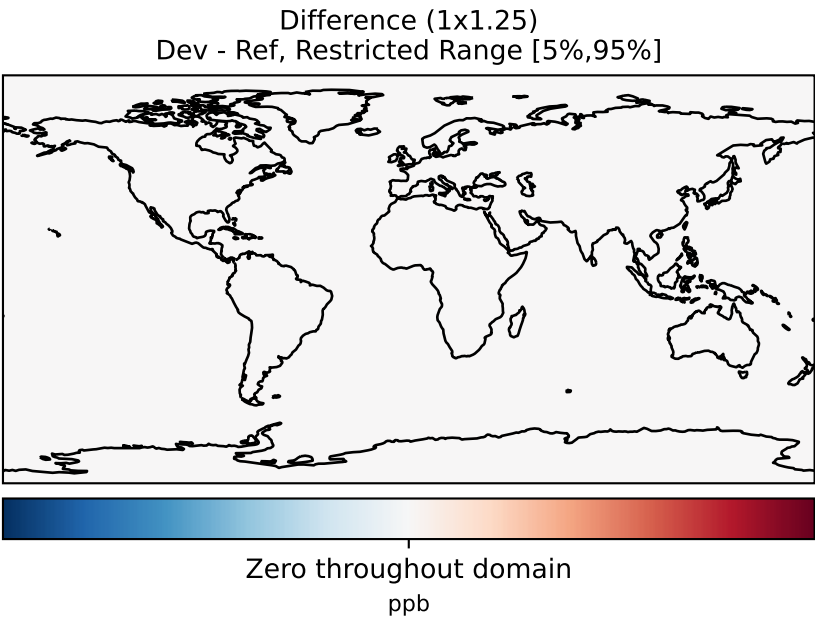
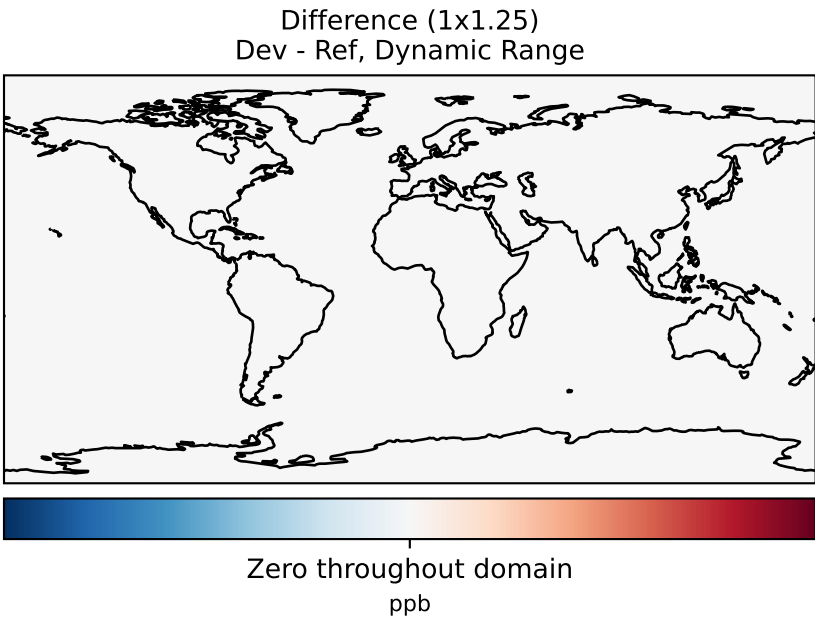
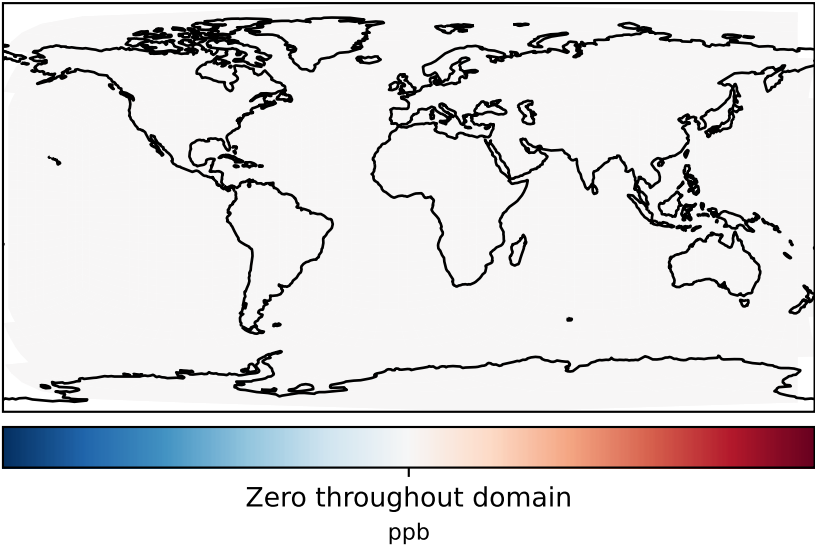
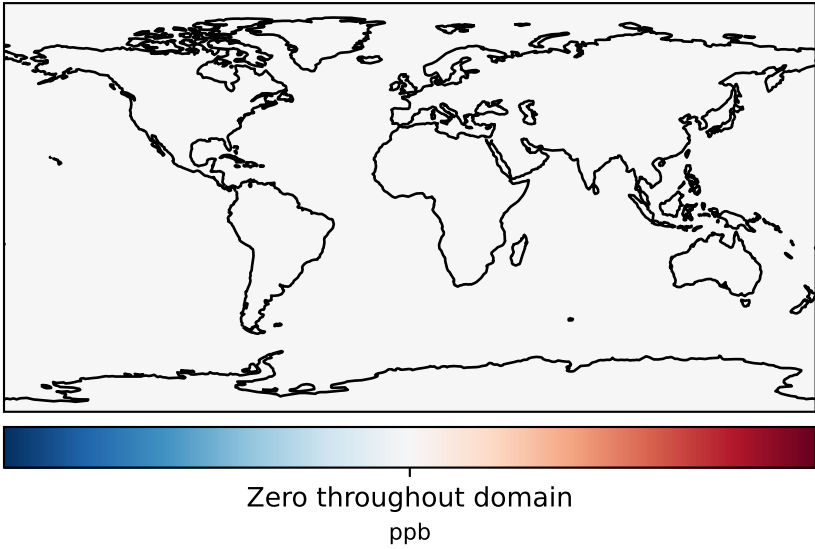
SpeciesConcVV_DST2

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24



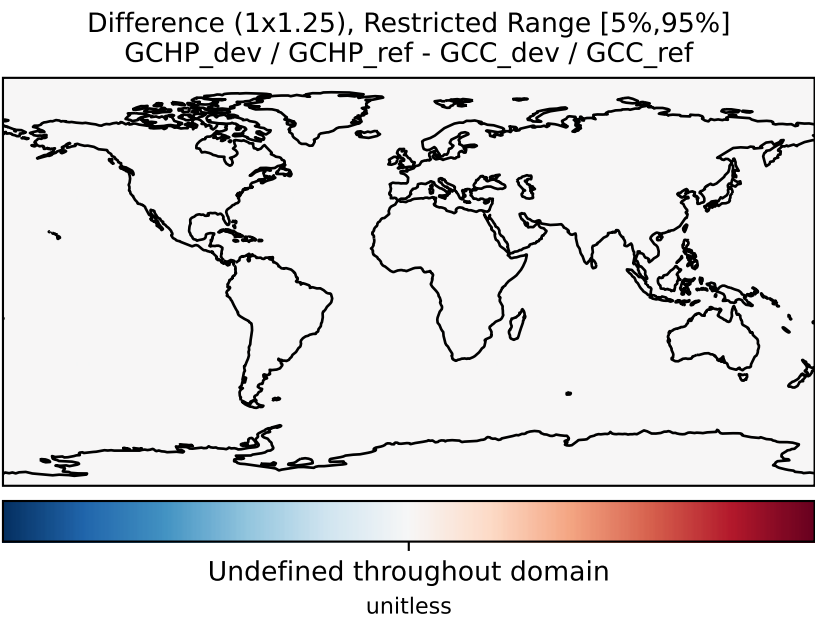
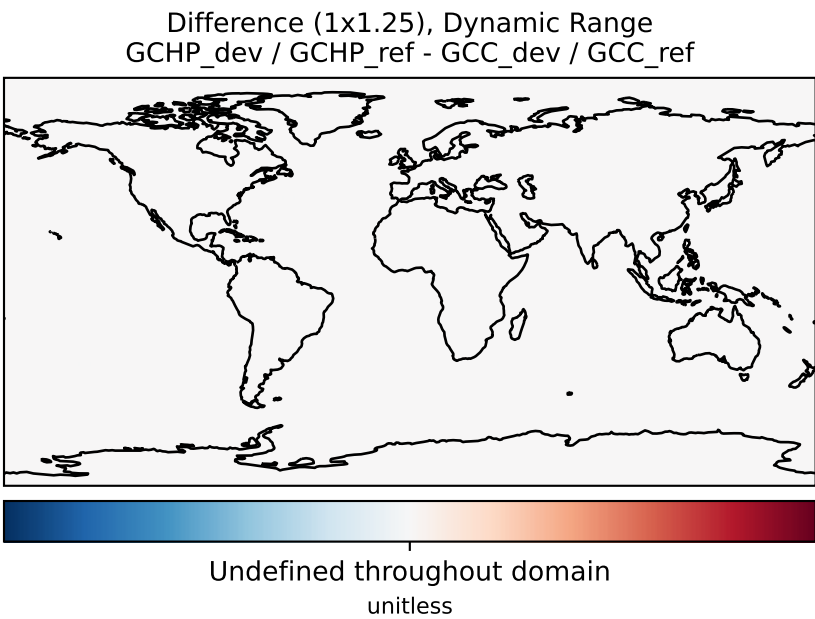
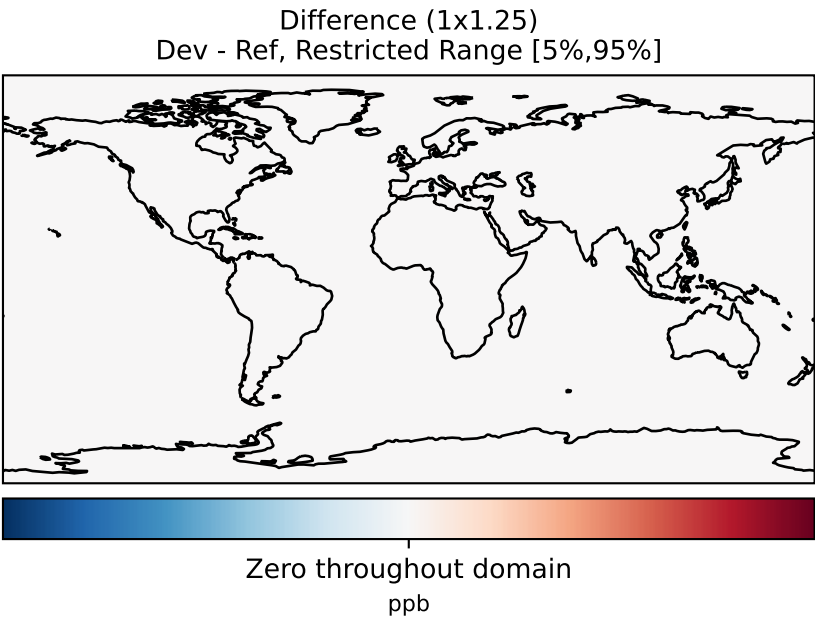
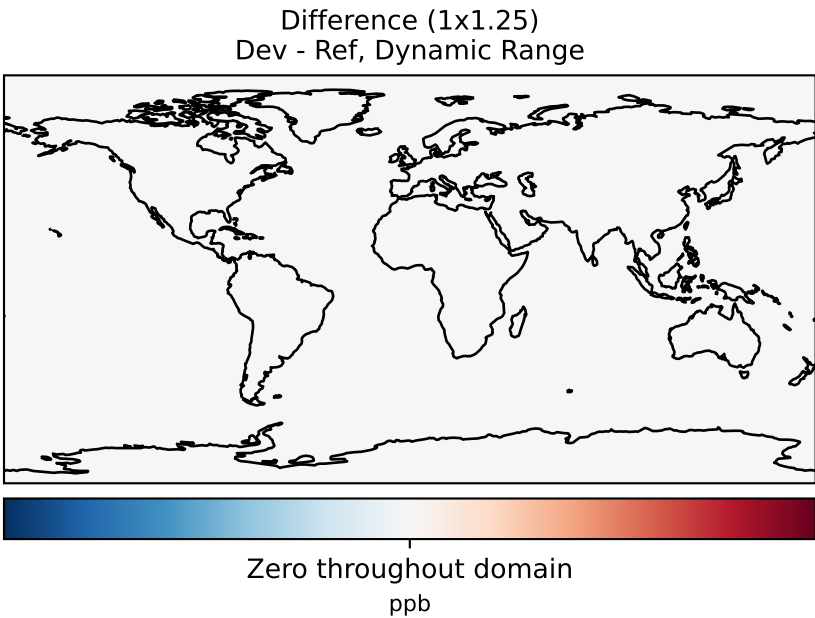
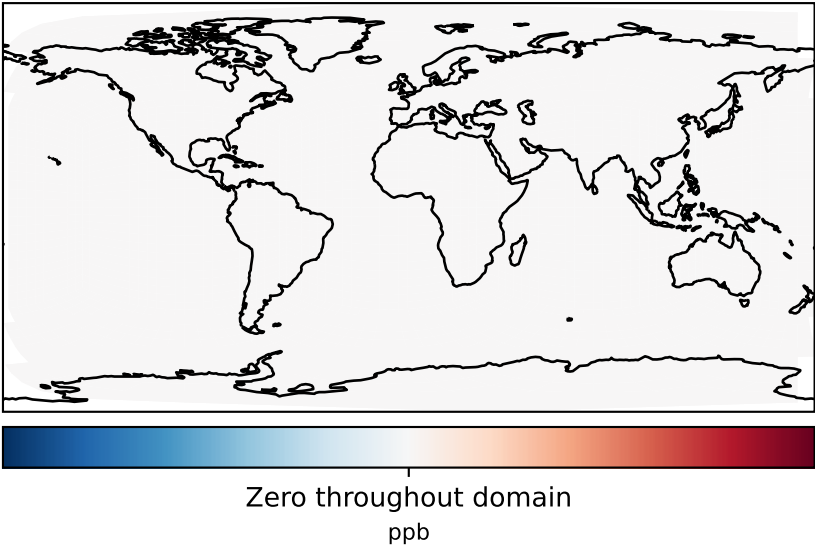
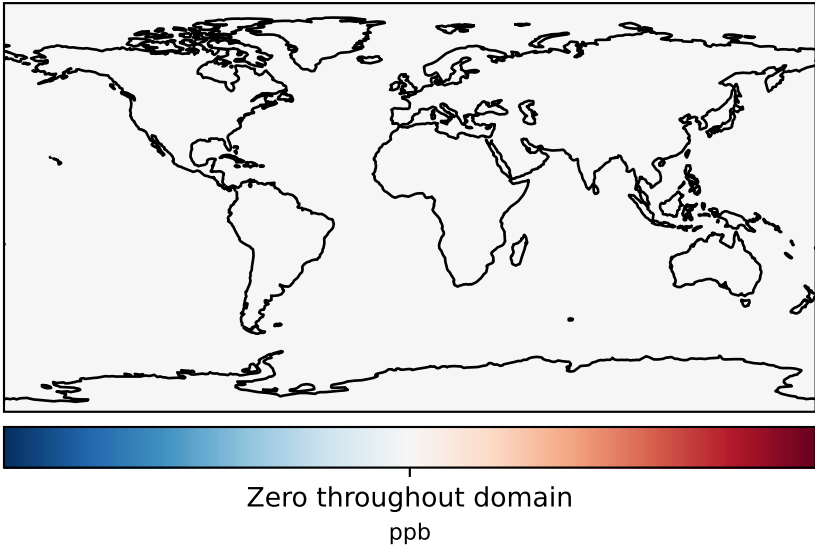
SpeciesConcVV_DST3

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24



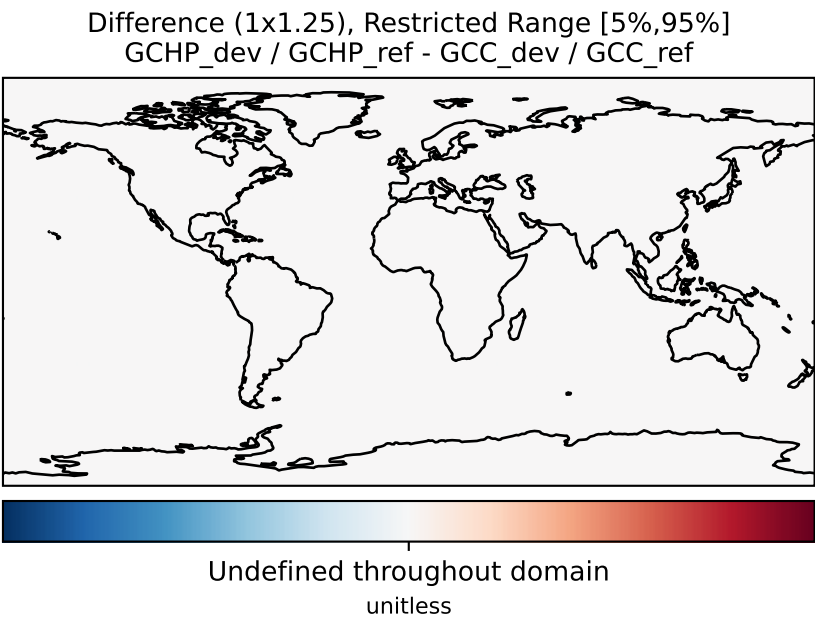
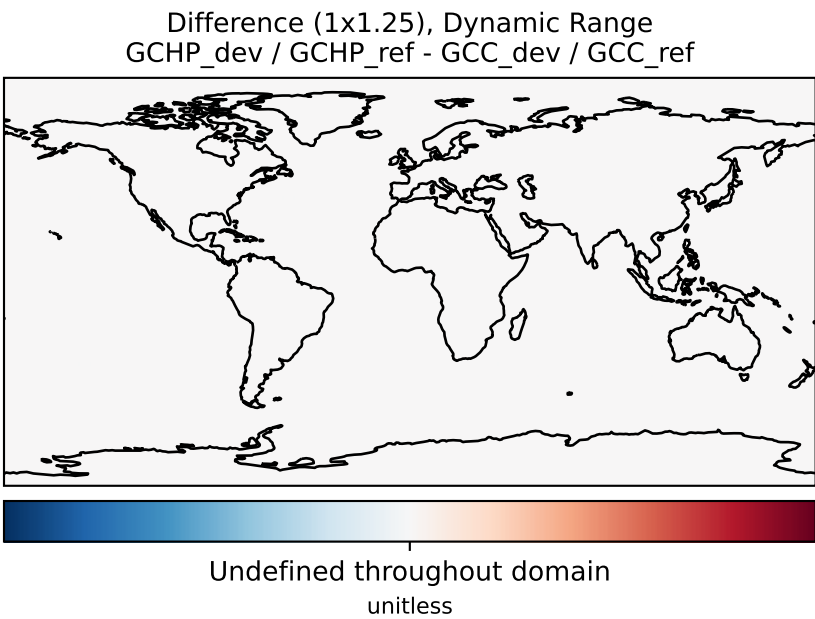
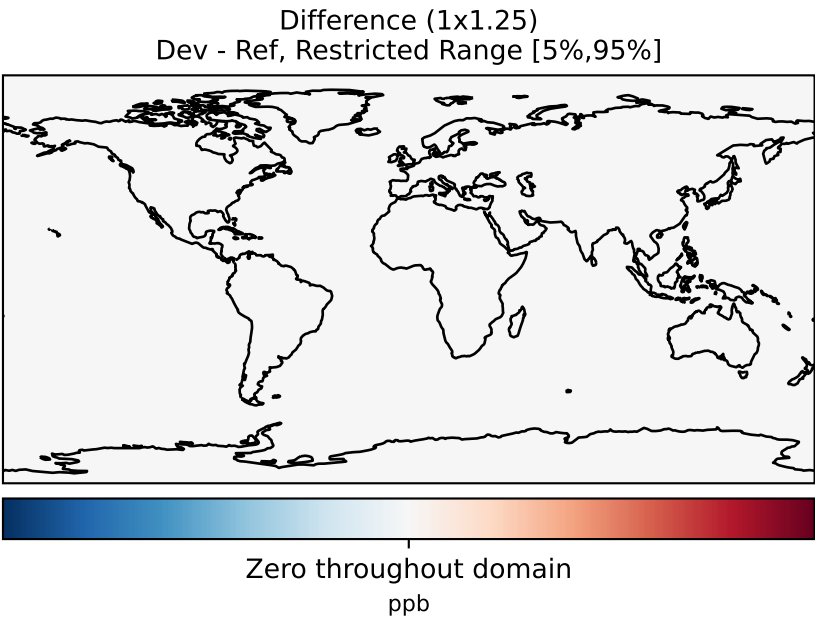
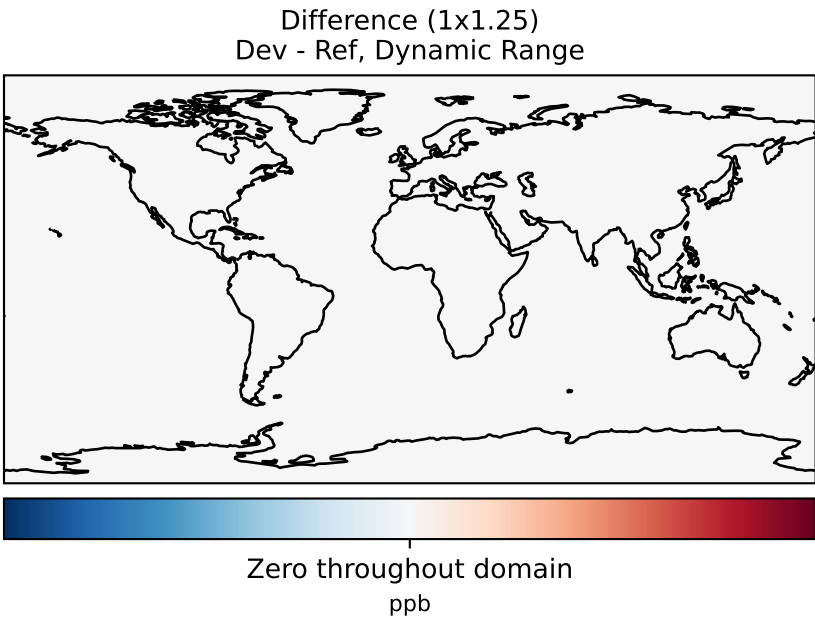
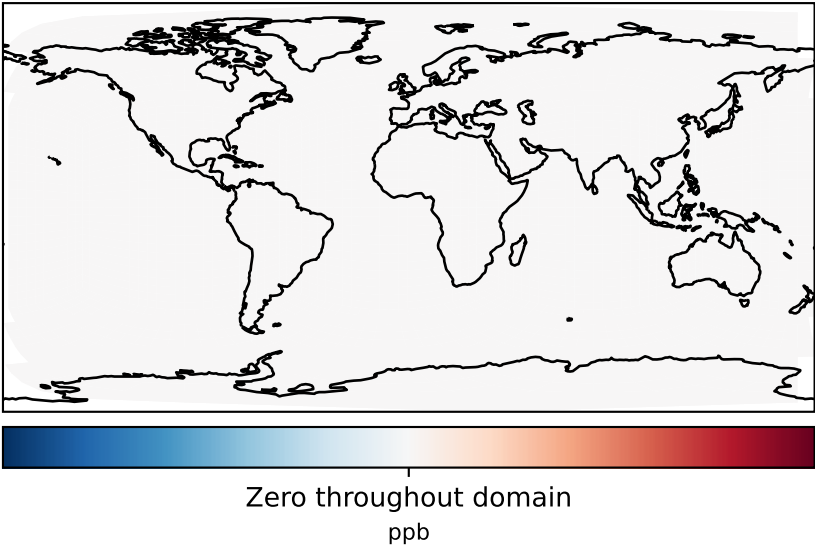
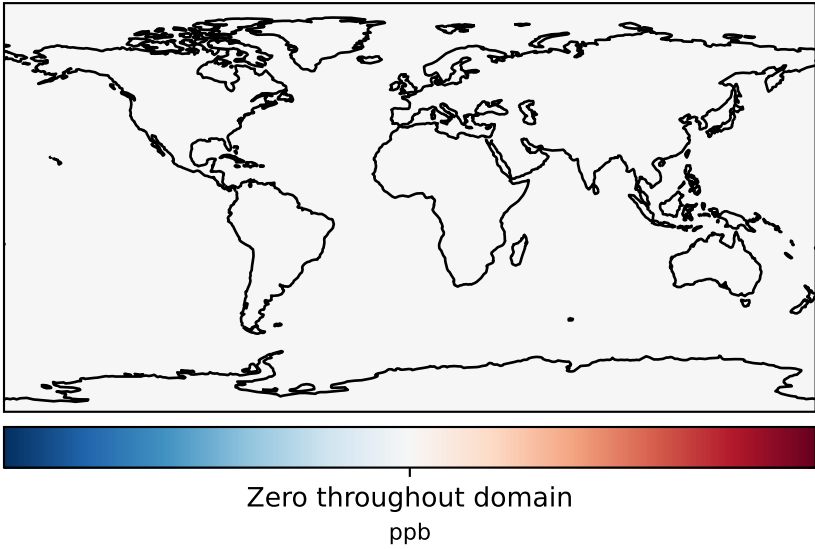
SpeciesConcVV_DST4

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24



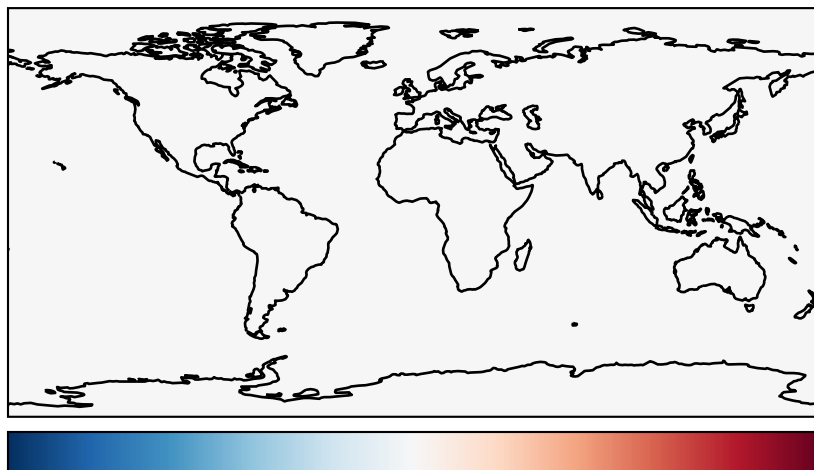
SpeciesConcVV_NH4

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24

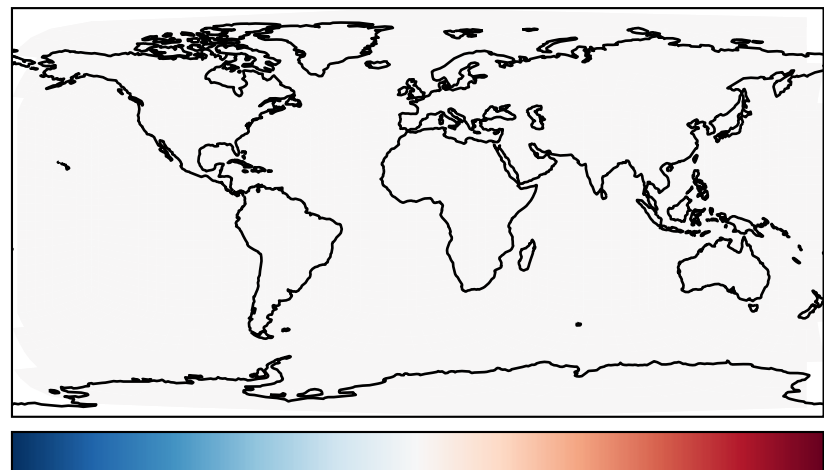


SpeciesConcVV_NIT

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24

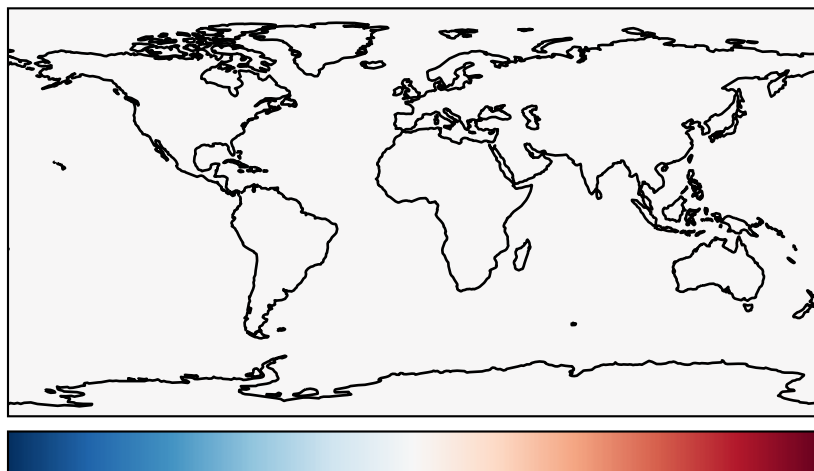


Zero throughout domain
ppb



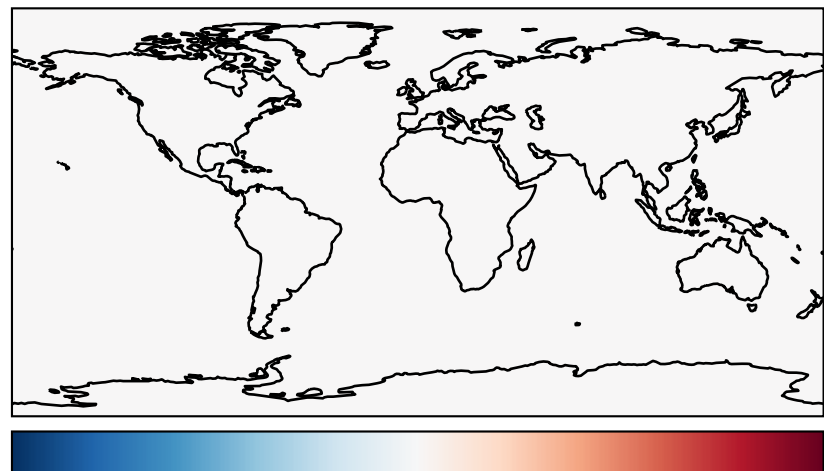
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ppb

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



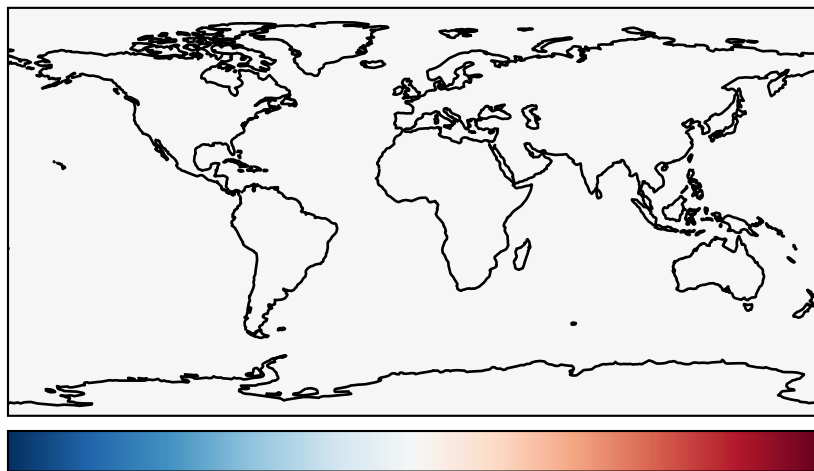
Zero throughout domain
ppb

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



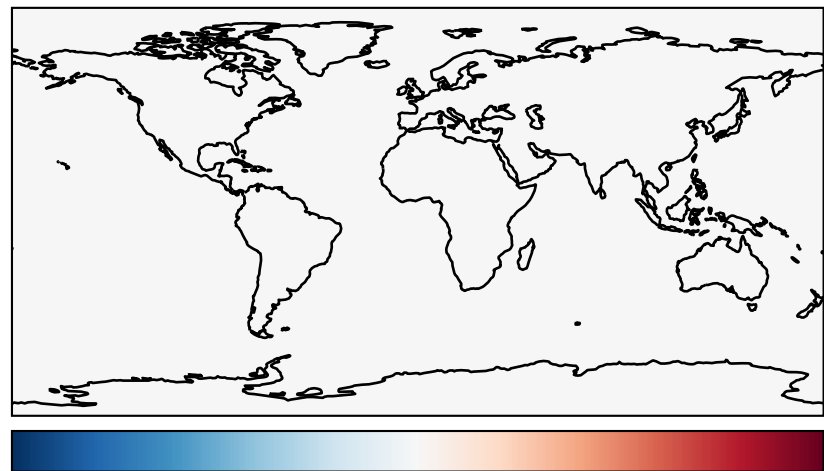
Zero throughout domain
ppb

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



Undefined throughout domain
unitless

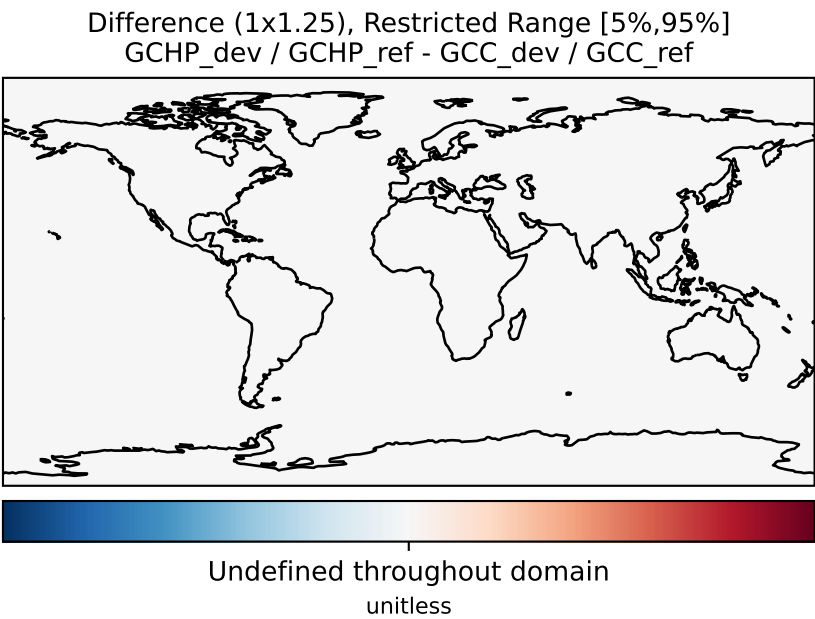
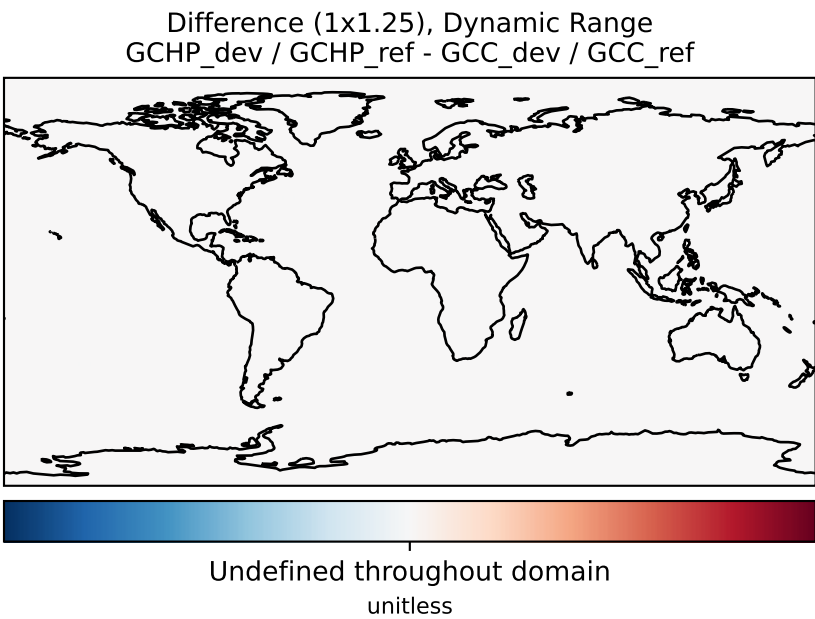
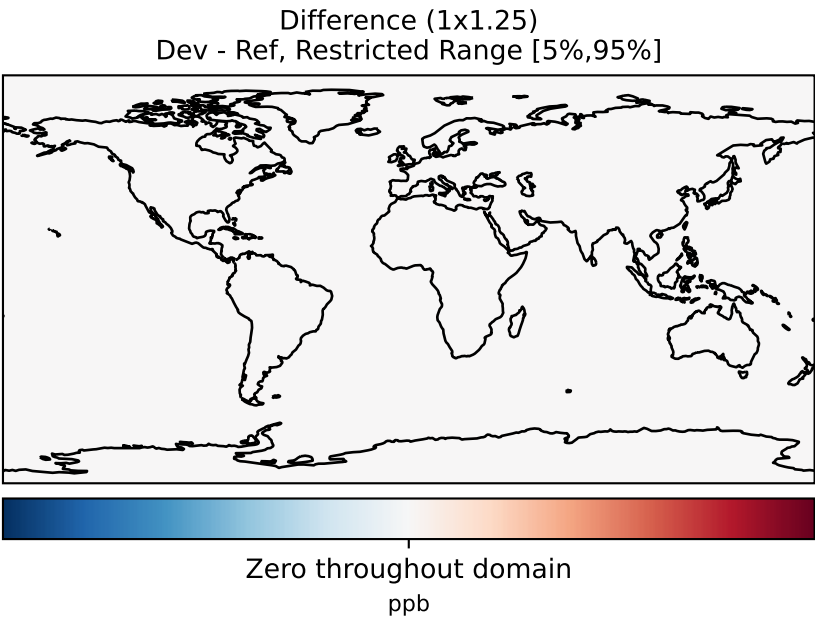
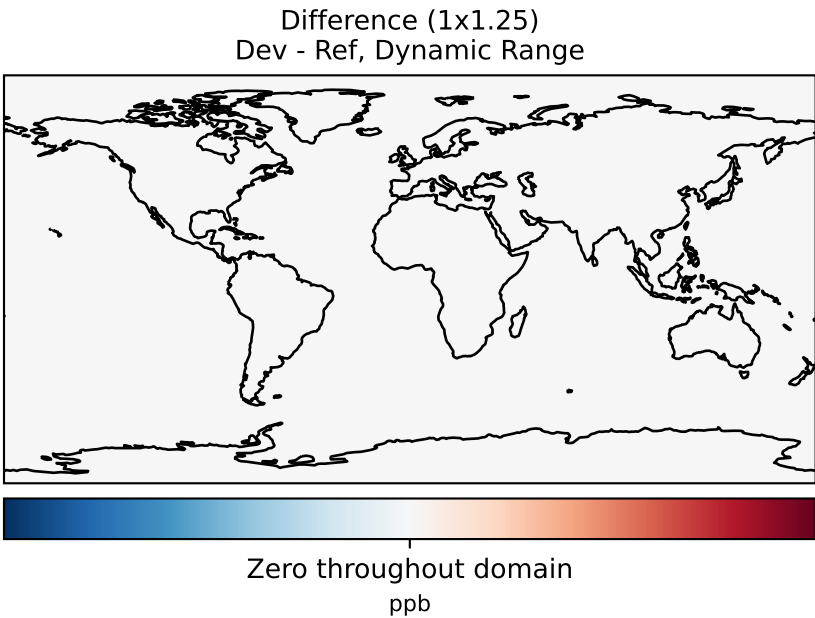
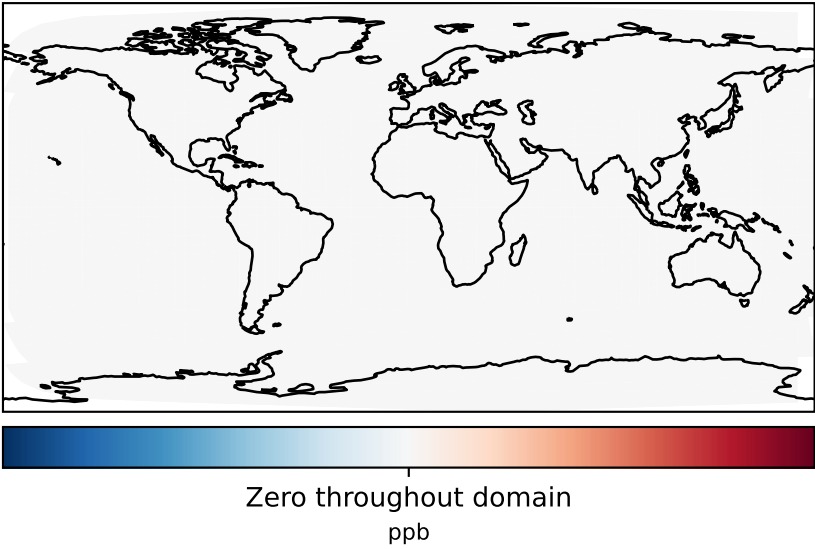
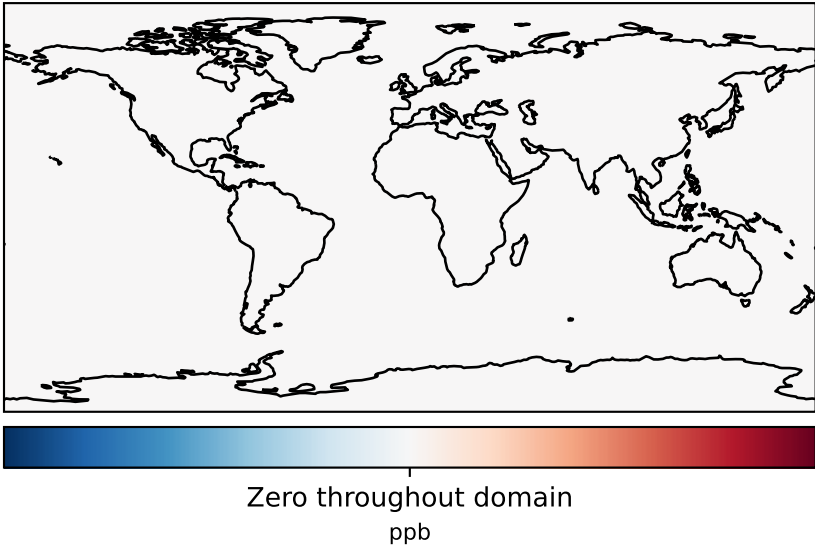
Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$



Undefined throughout domain
unitless

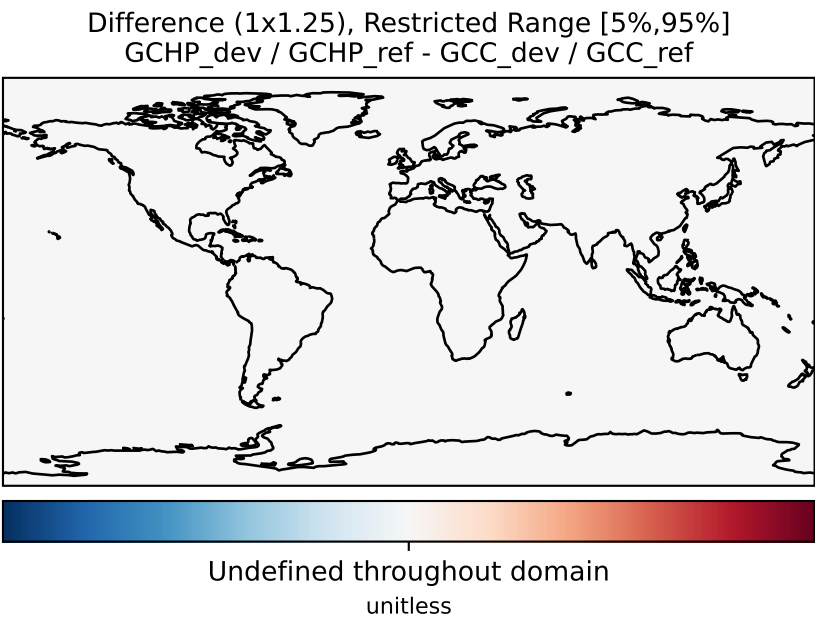
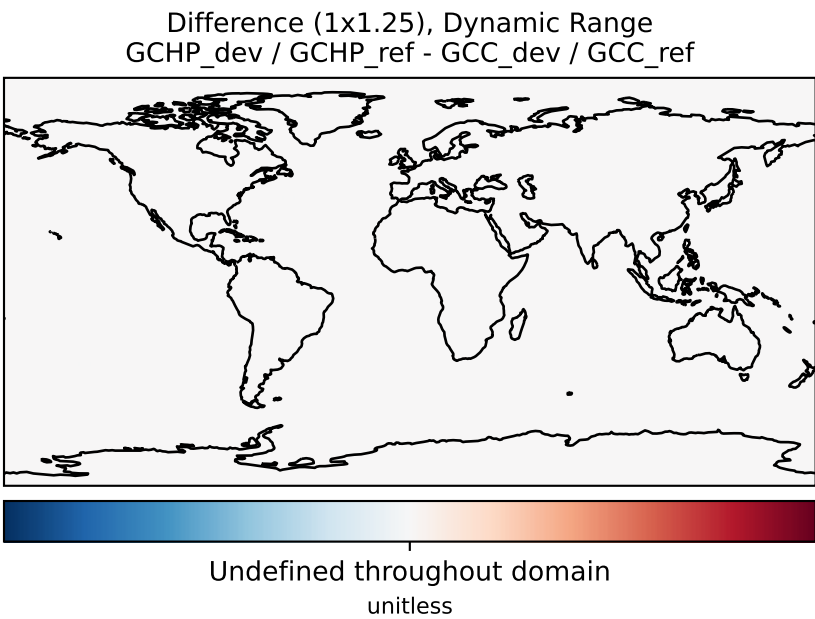
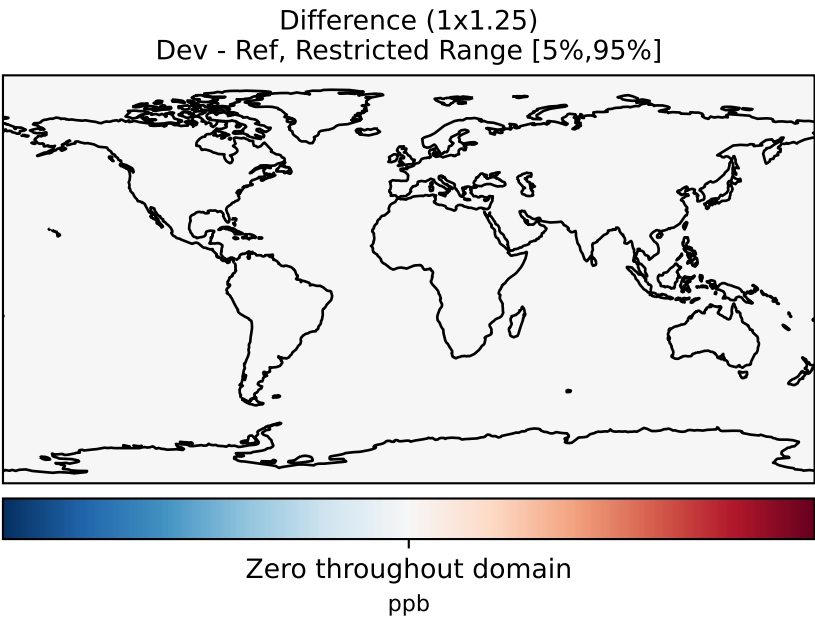
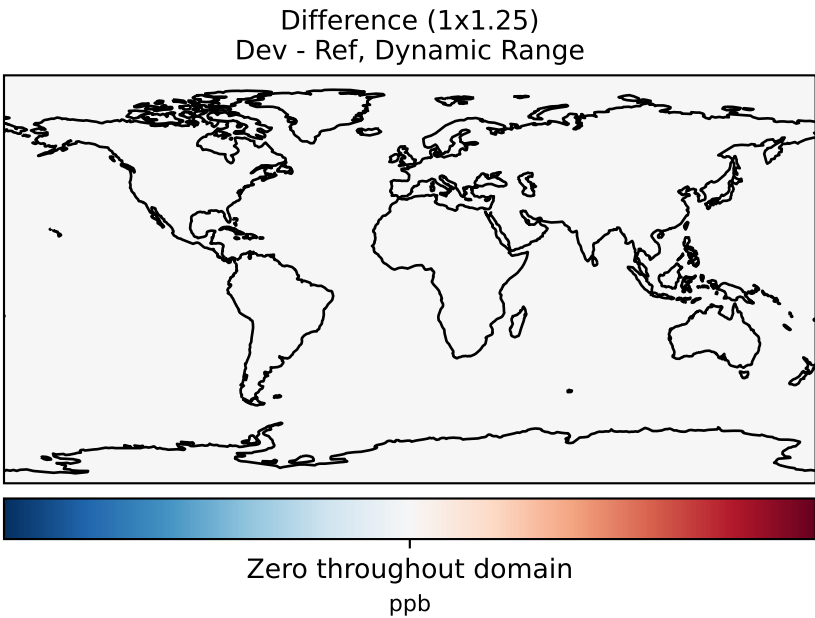
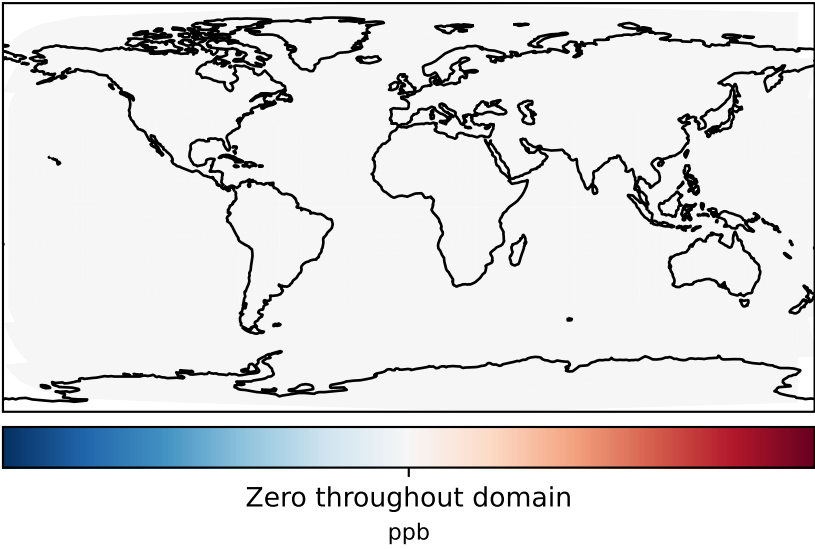
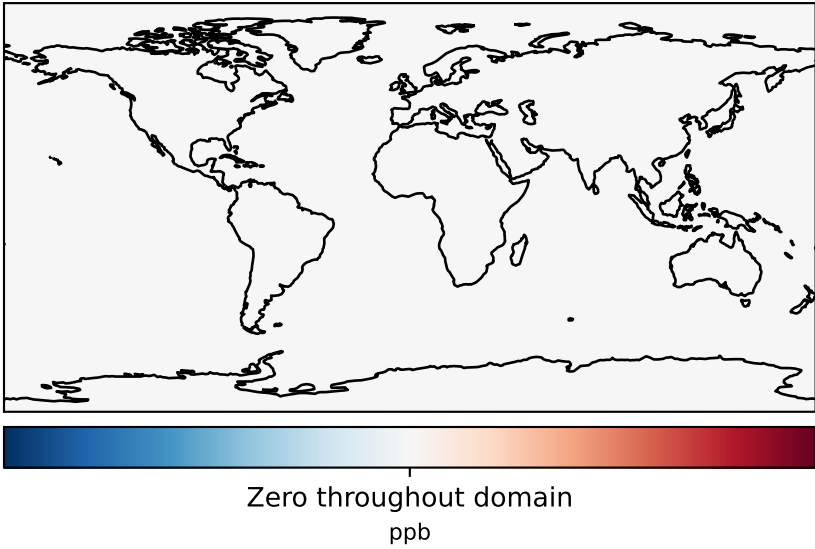
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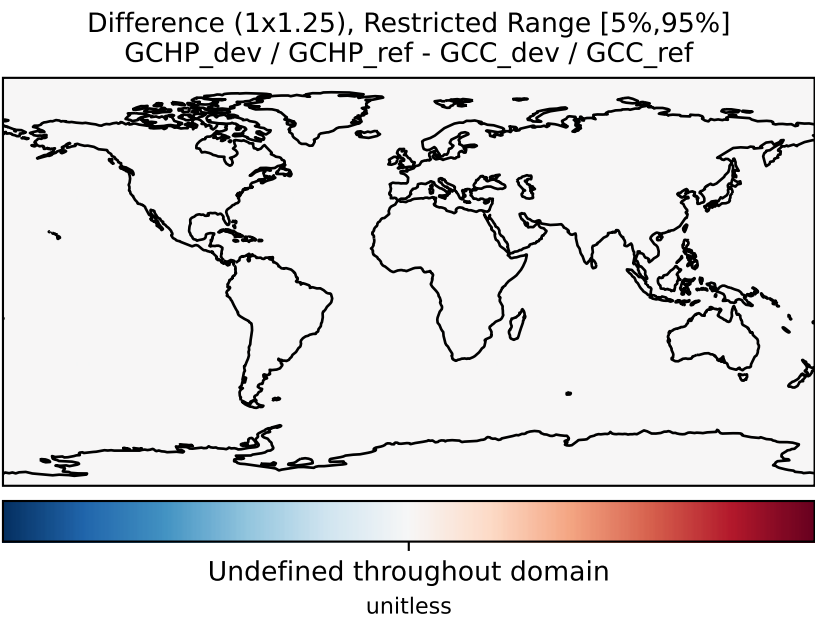
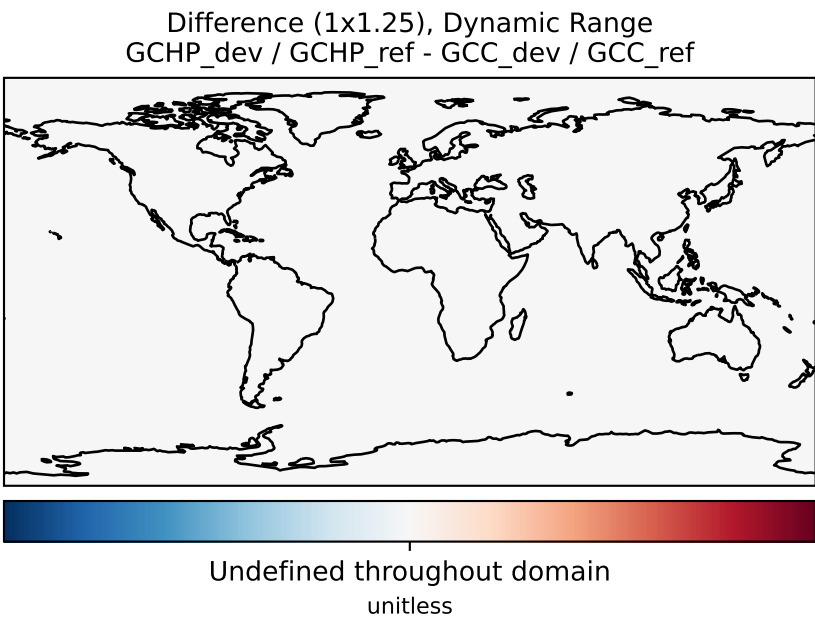
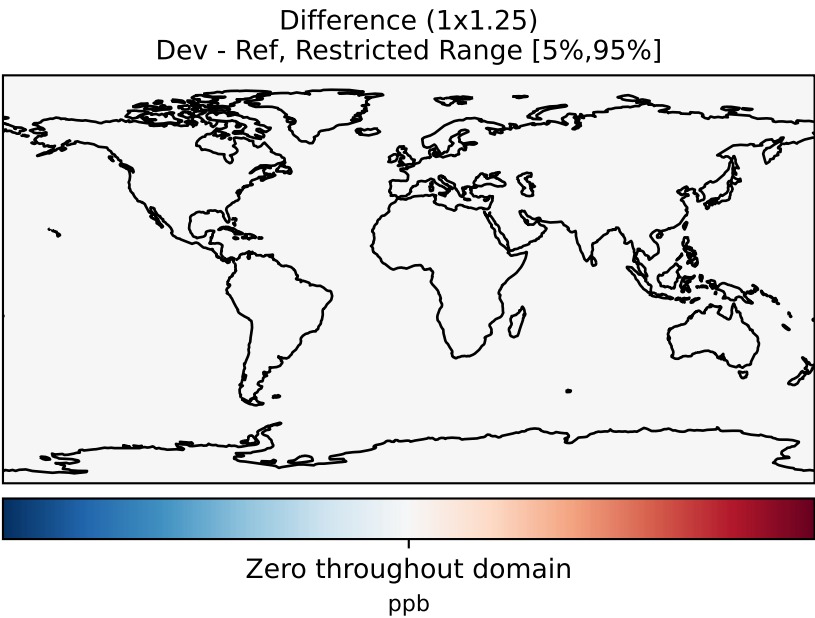
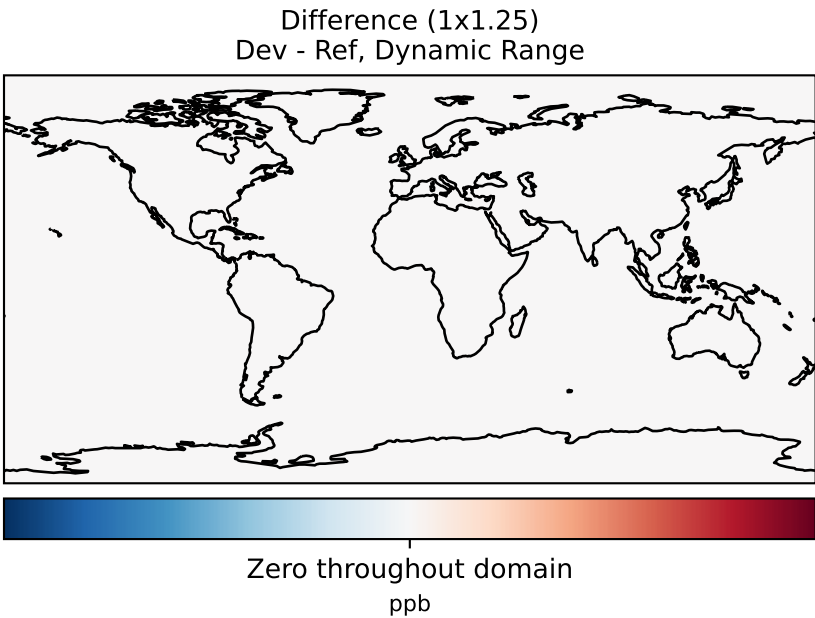
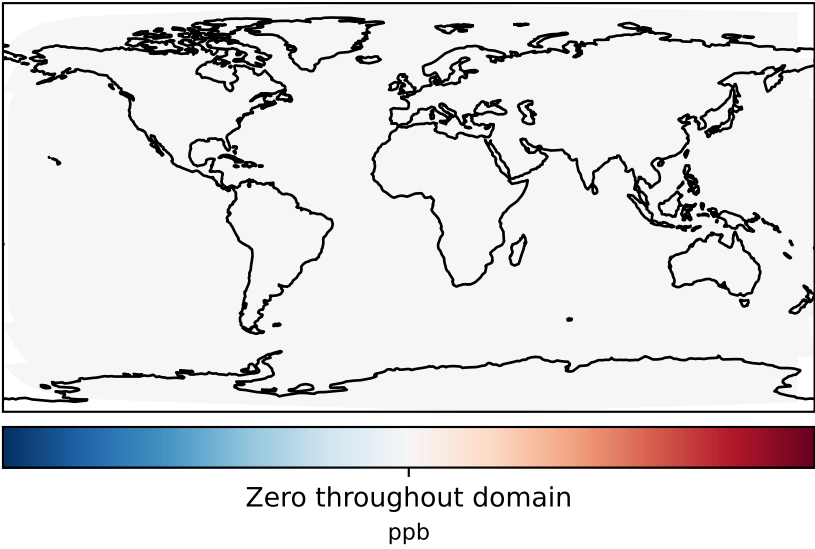
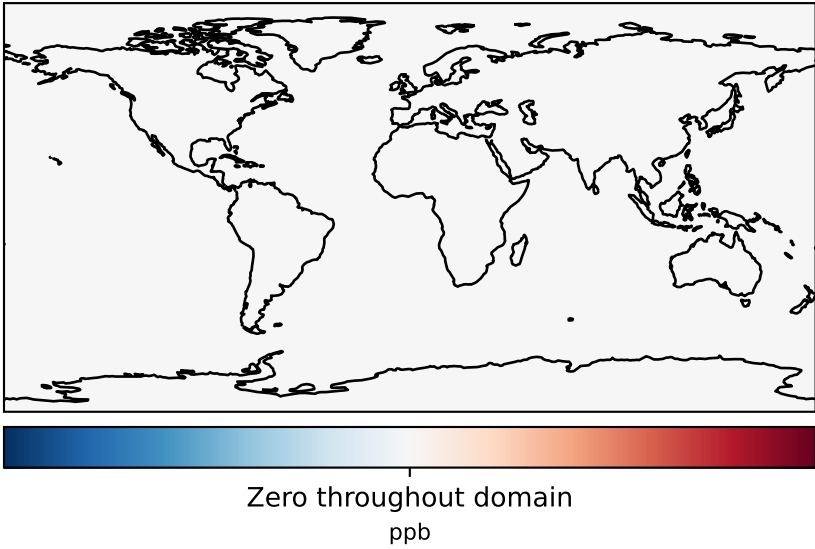
SpeciesConcVV_HMS

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24



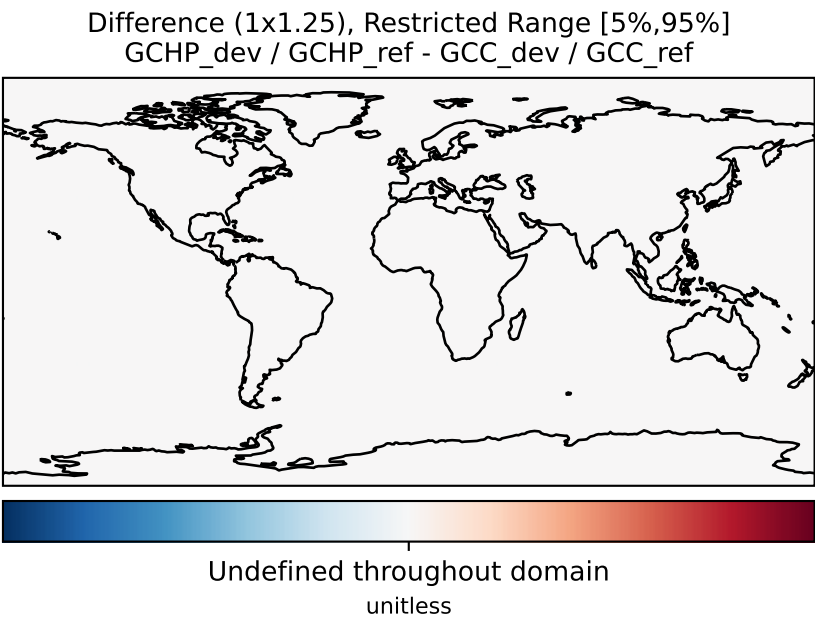
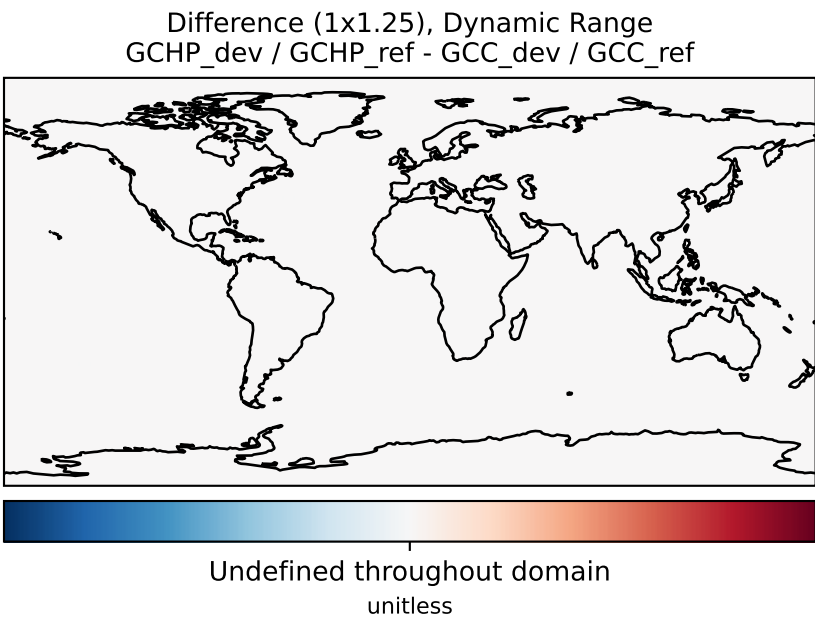
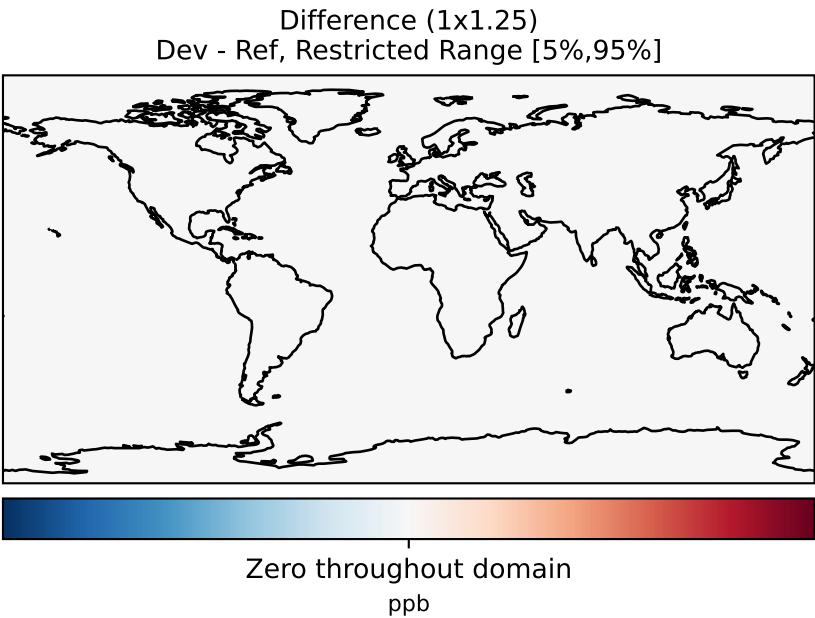
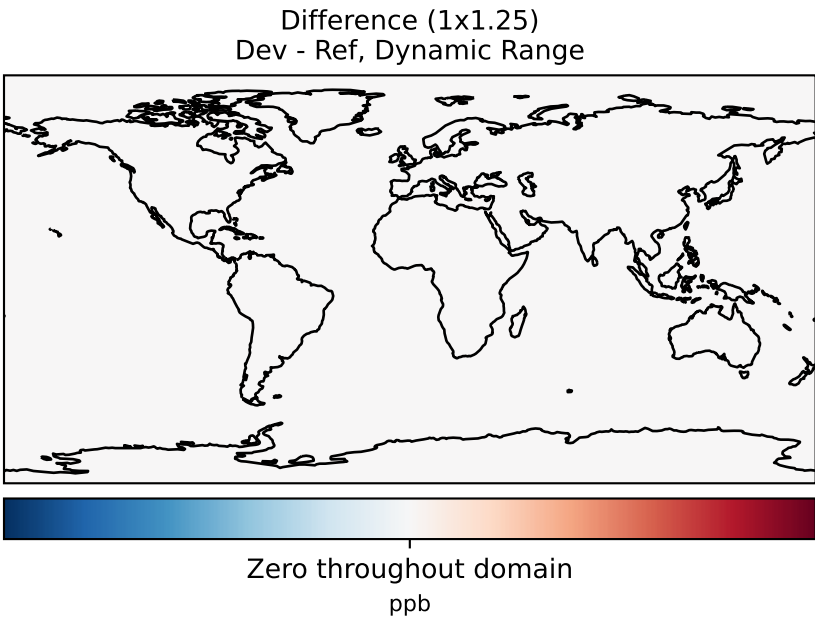
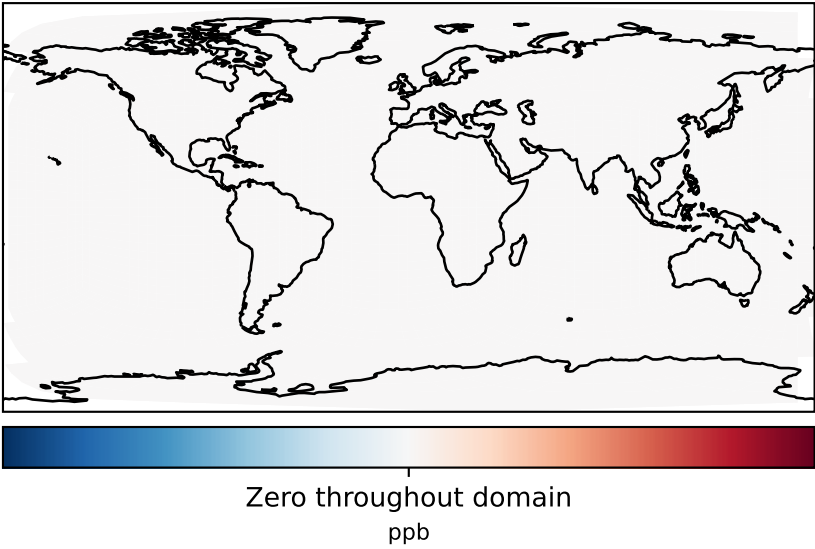
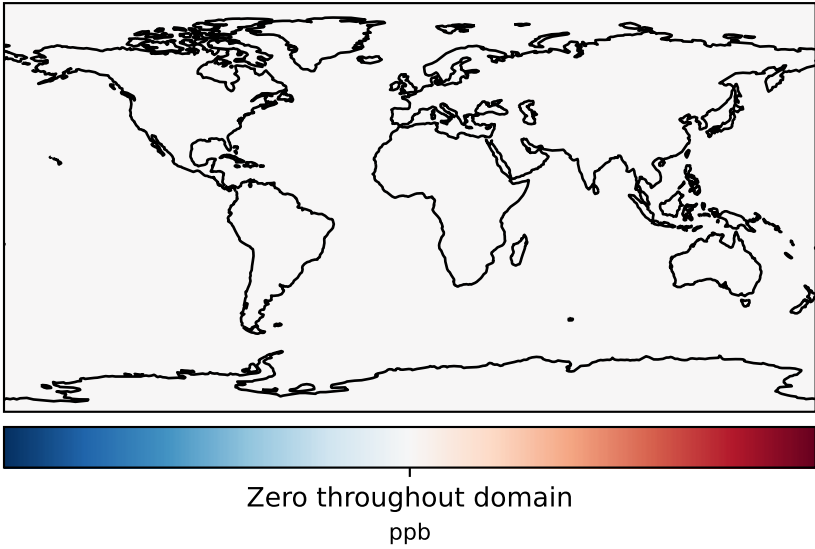
SpeciesConcVW_BCPI

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24



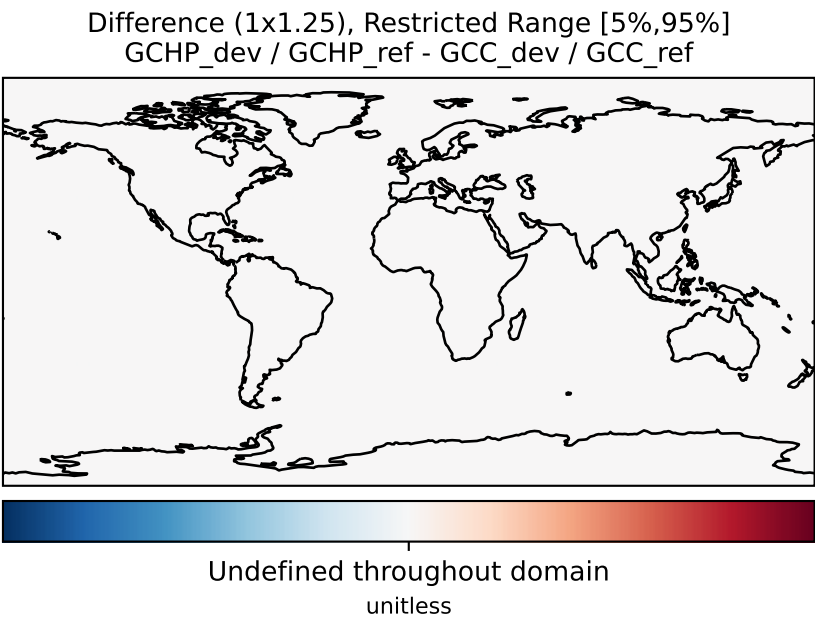
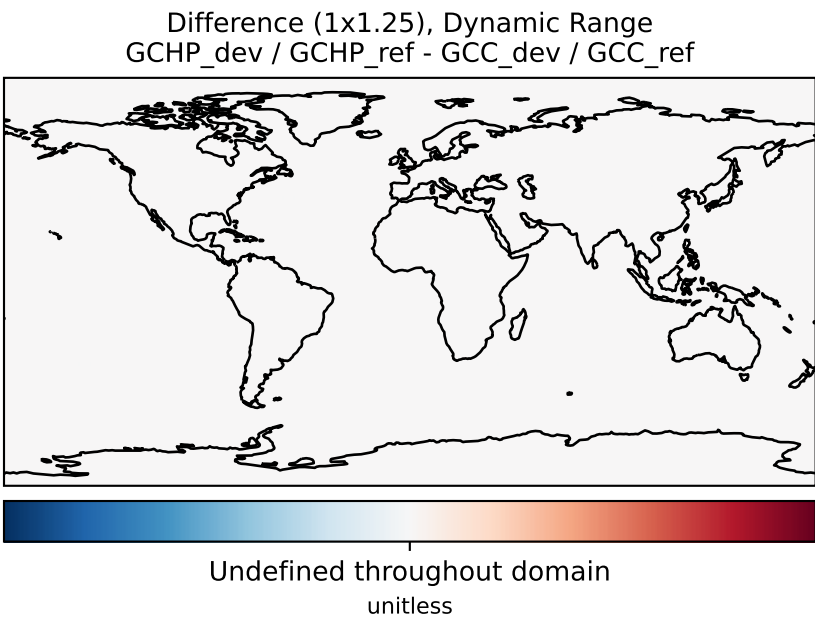
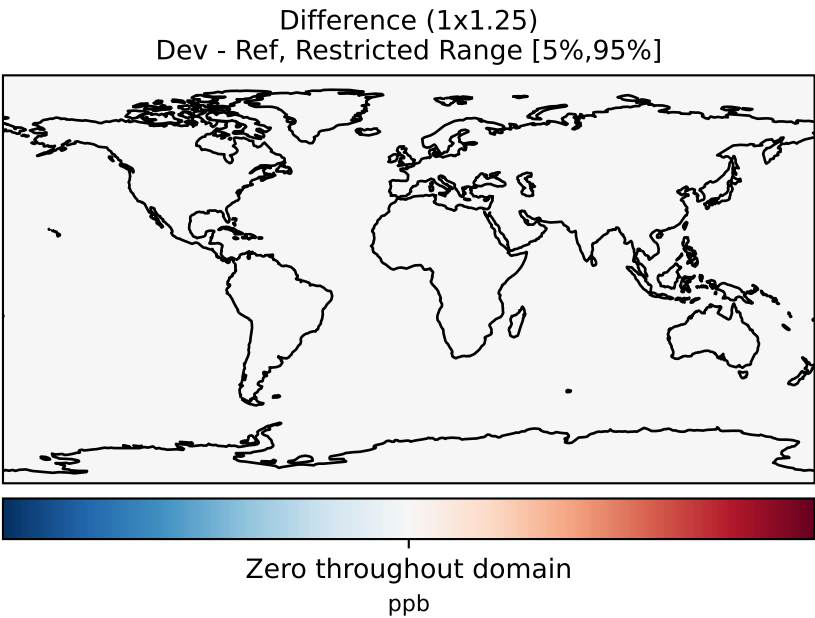
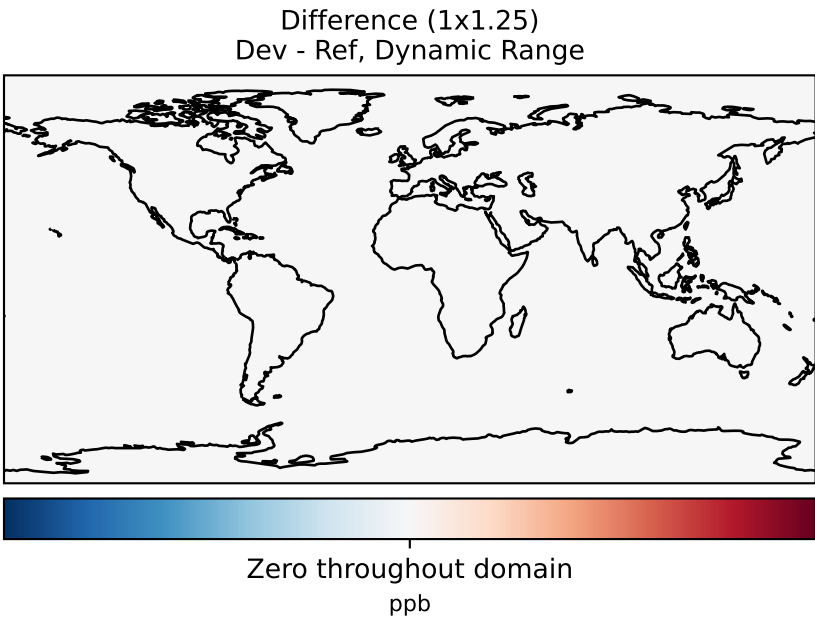
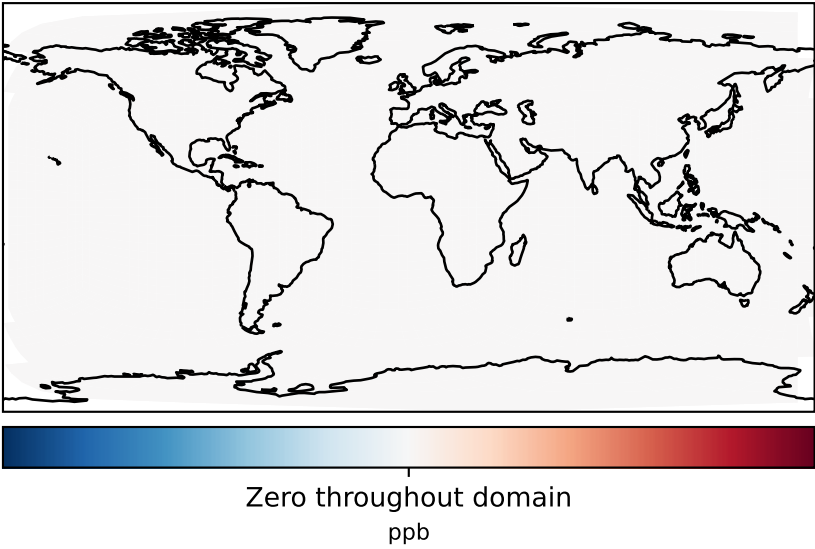
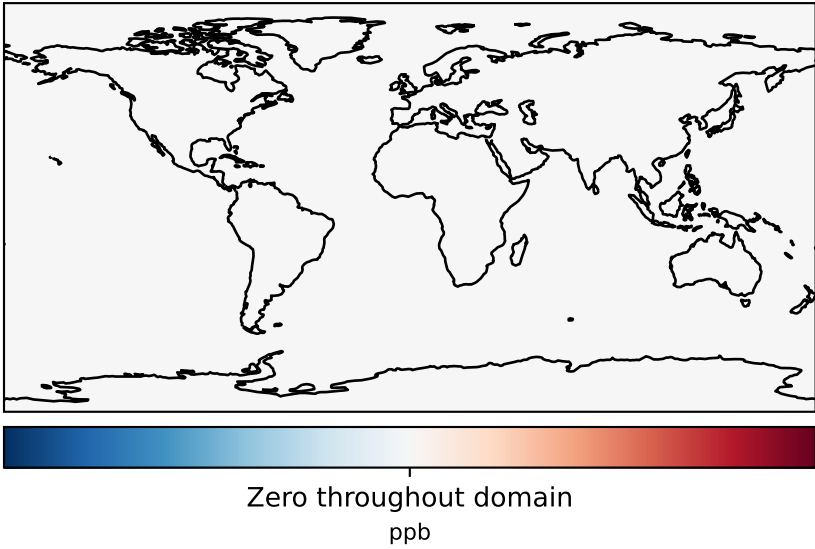
SpeciesConcVW_BCPO

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24



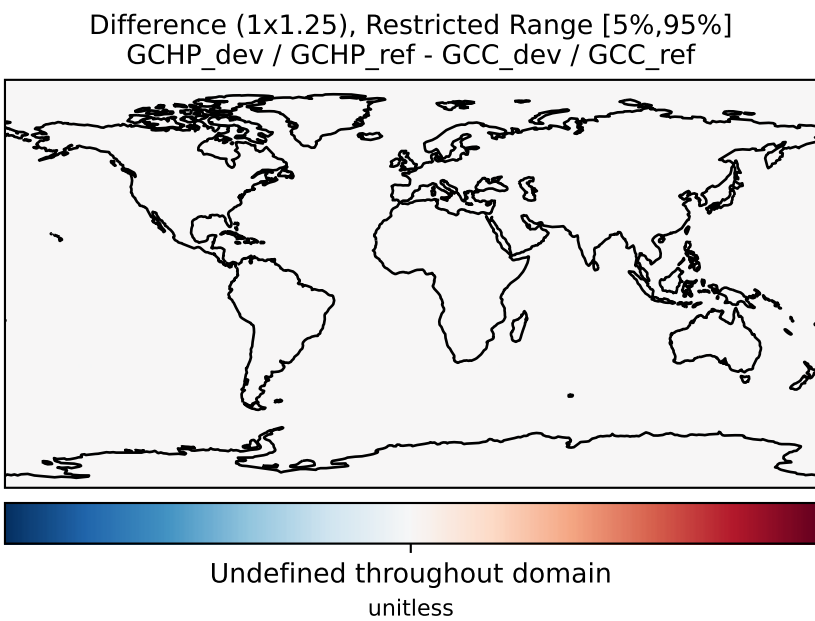
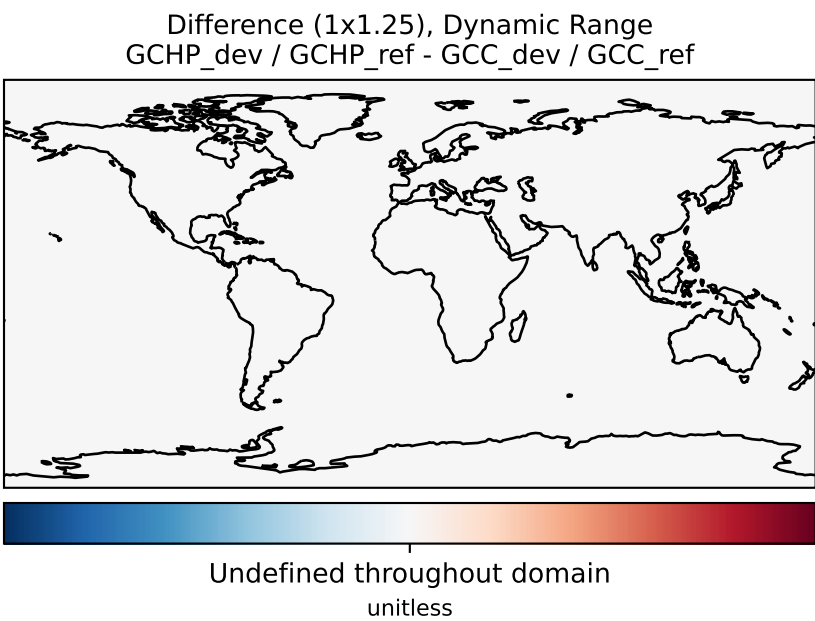
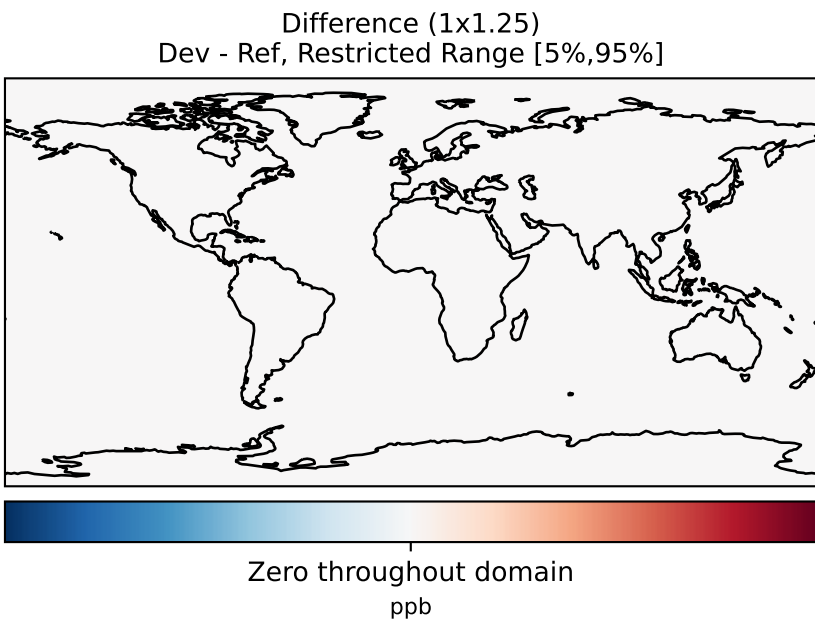
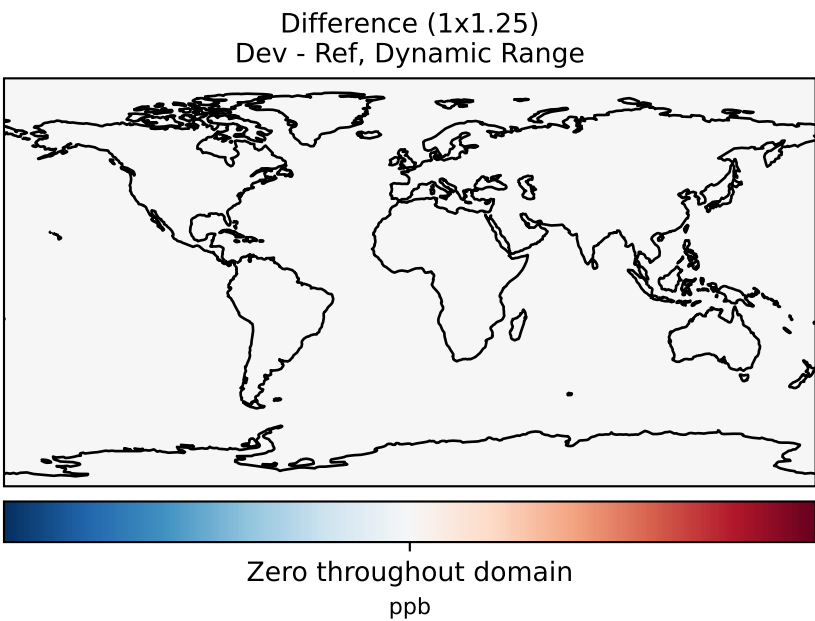
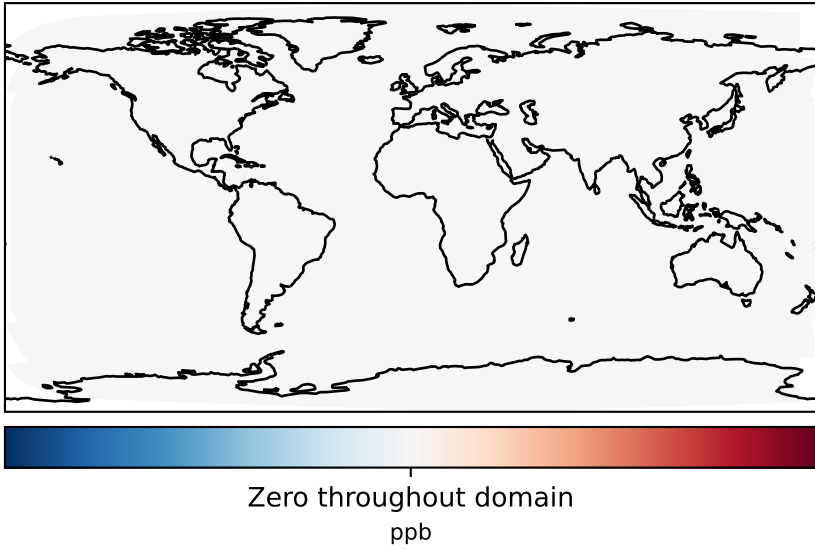
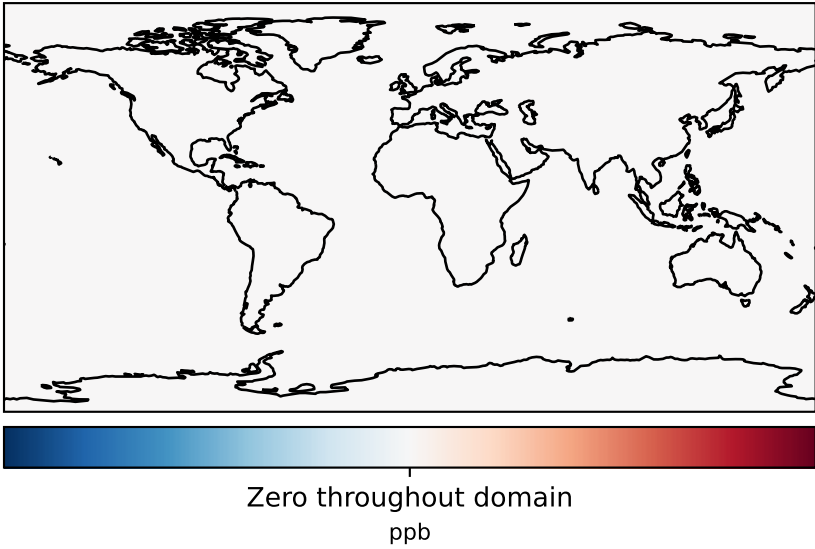
SpeciesConcVV_OCPI

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24



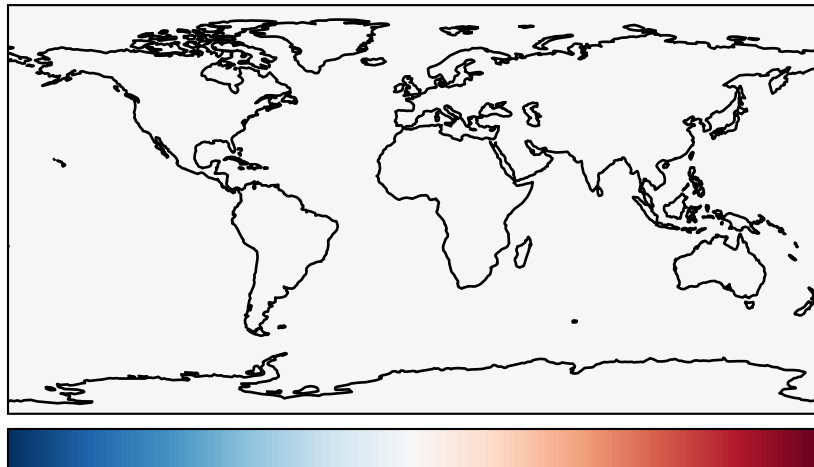
SpeciesConcVV_OCPO

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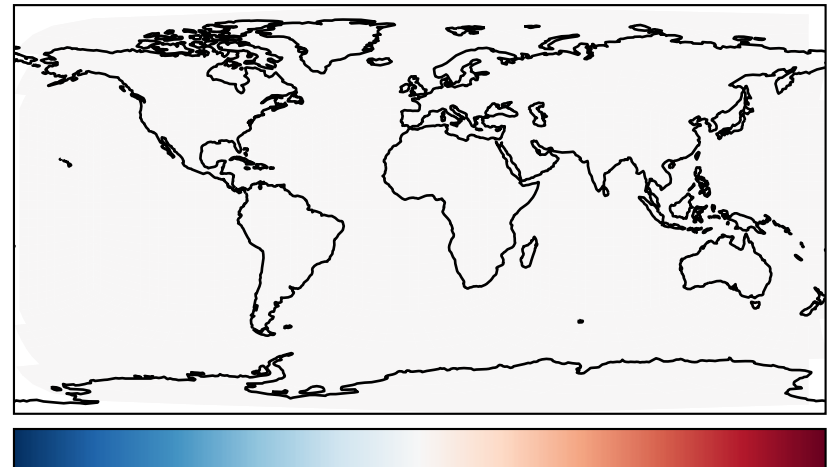


SpeciesConcVV_Complex_SOA

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24

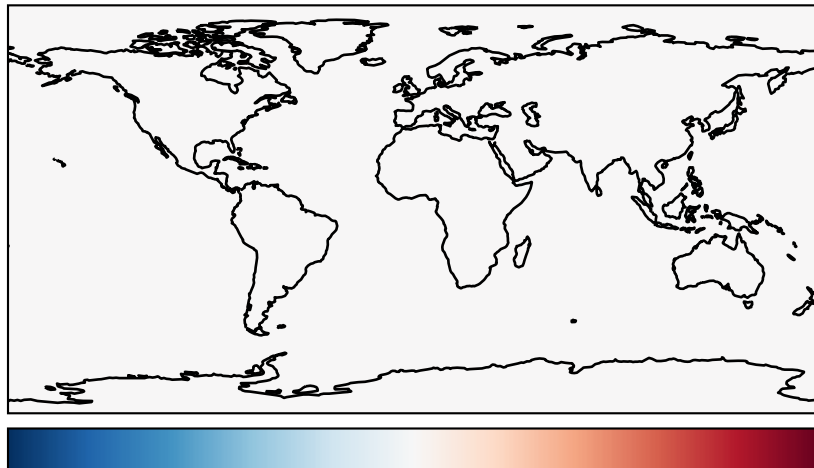


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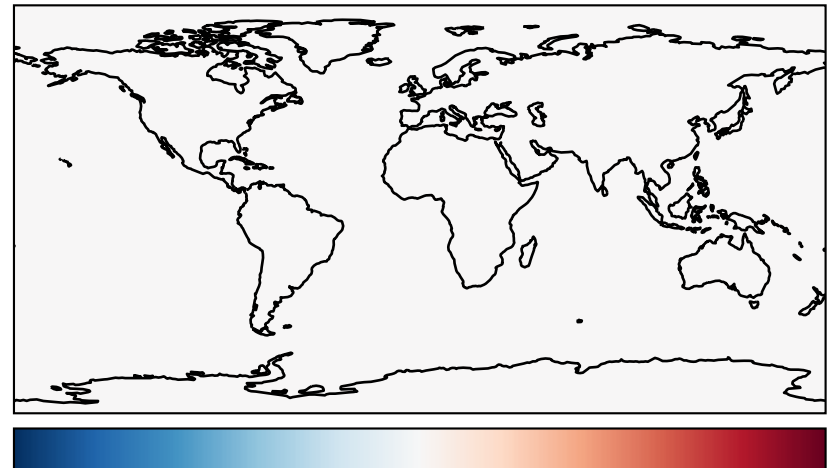
Zero throughout domain
ppb

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



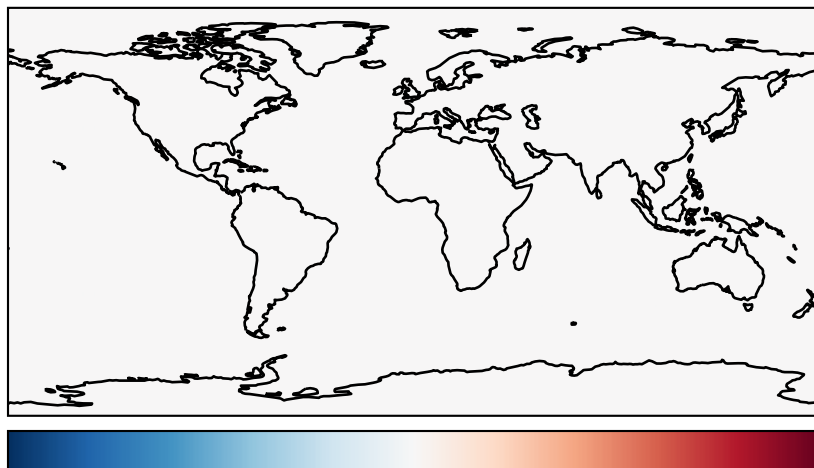
Zero throughout domain
ppb

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



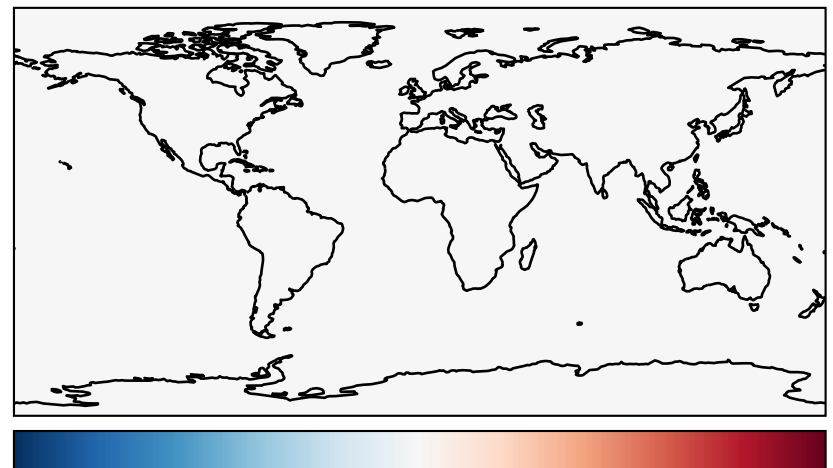
Zero throughout domain
ppb

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



Undefined throughout domain
unitless

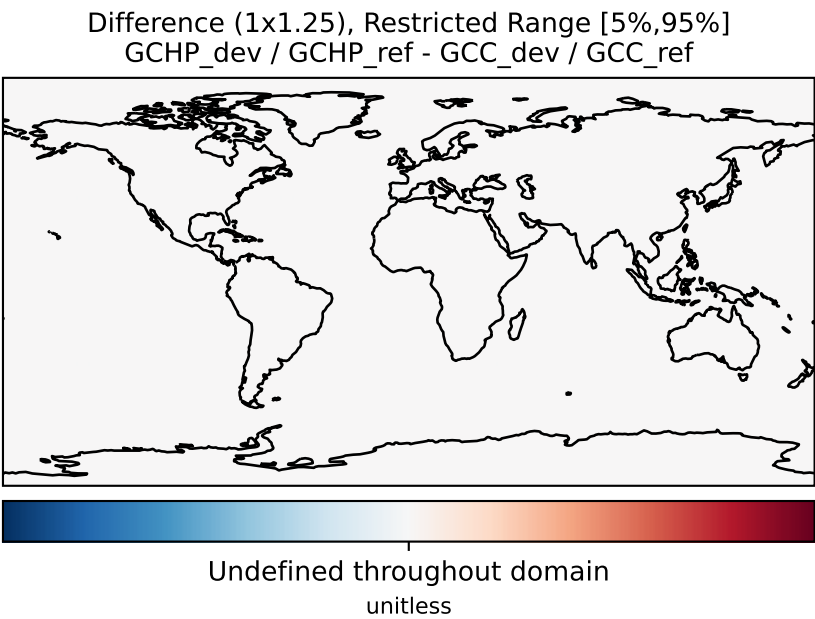
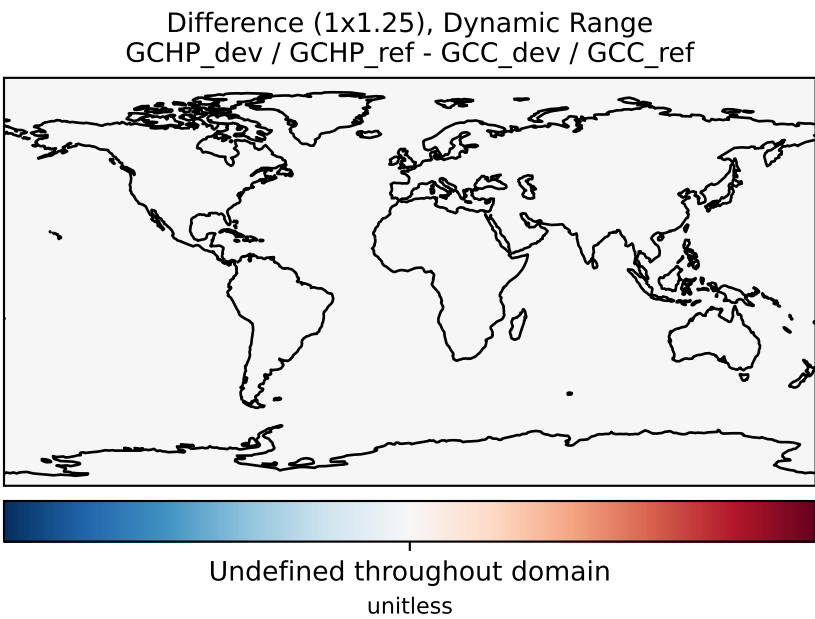
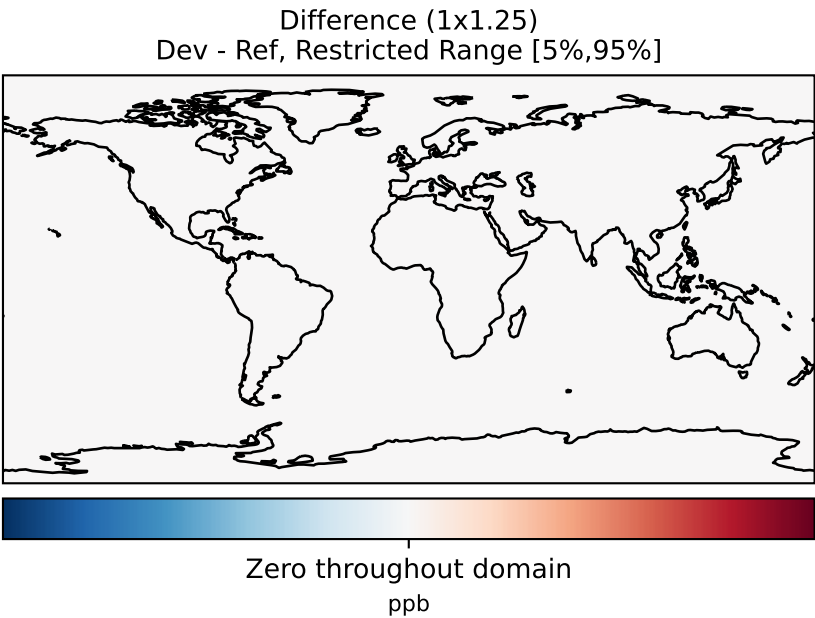
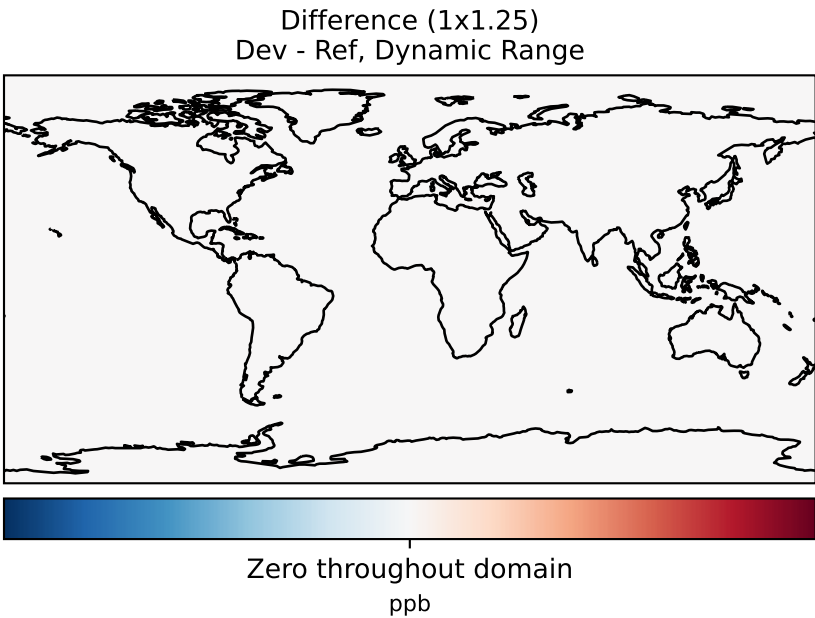
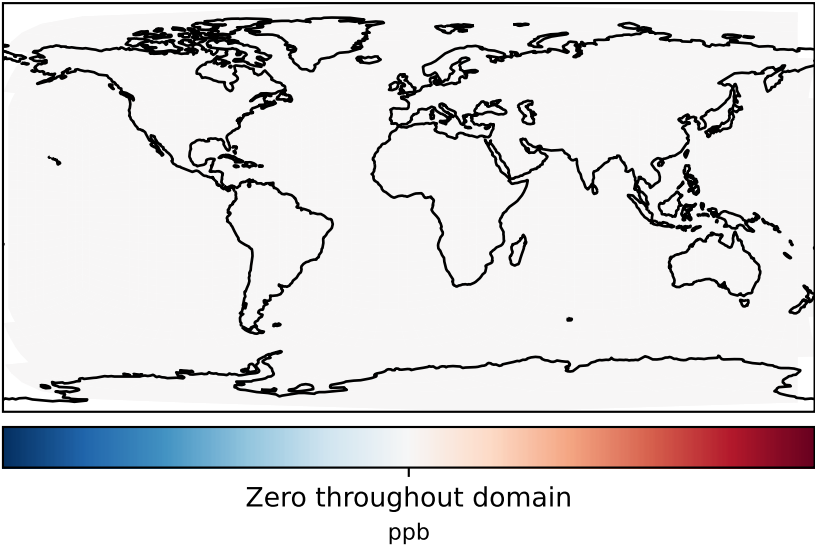
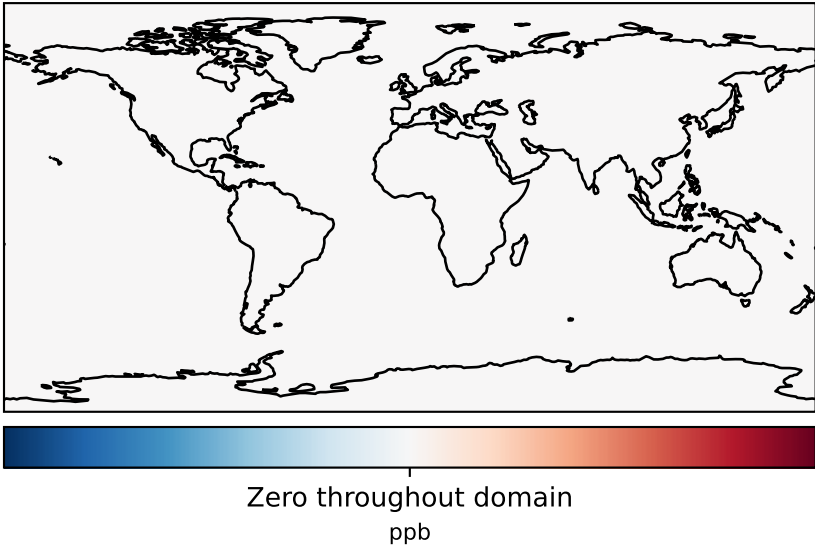
Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$



Undefined throughout domain
unitless

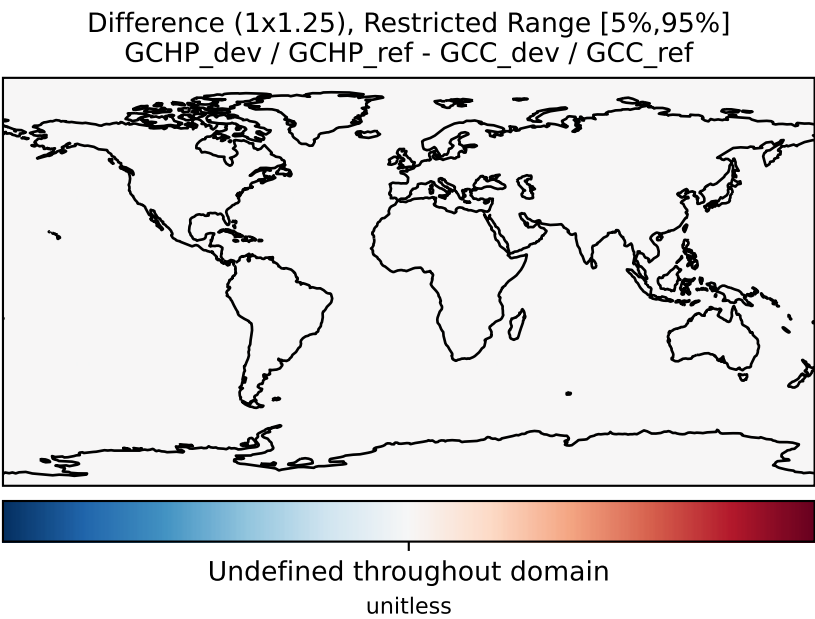
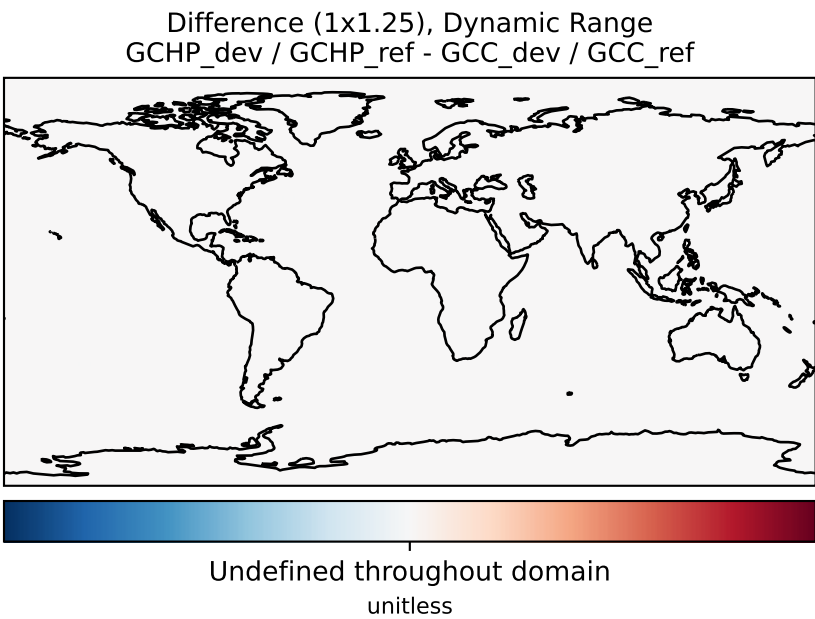
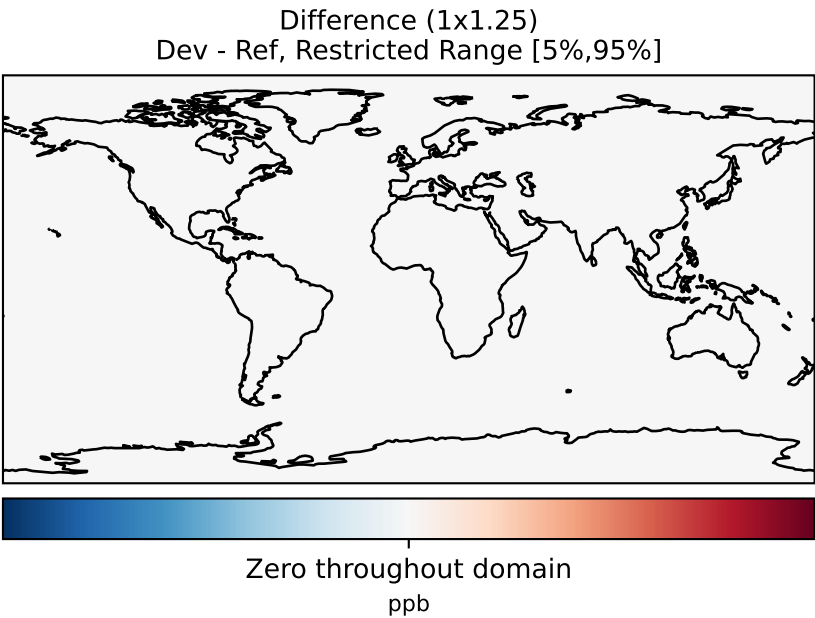
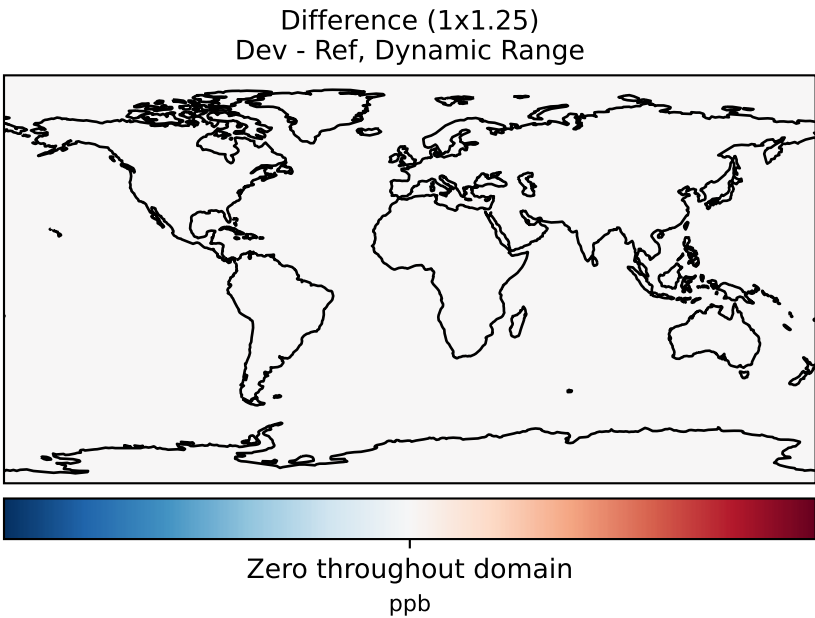
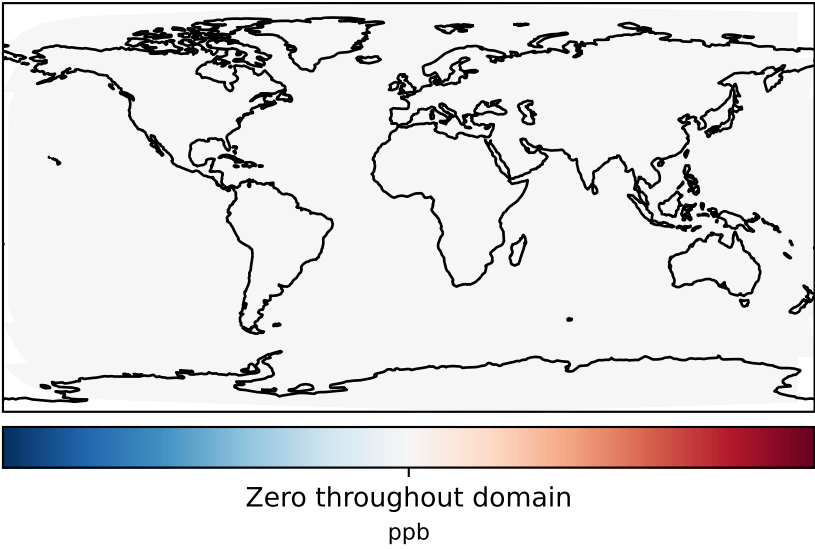
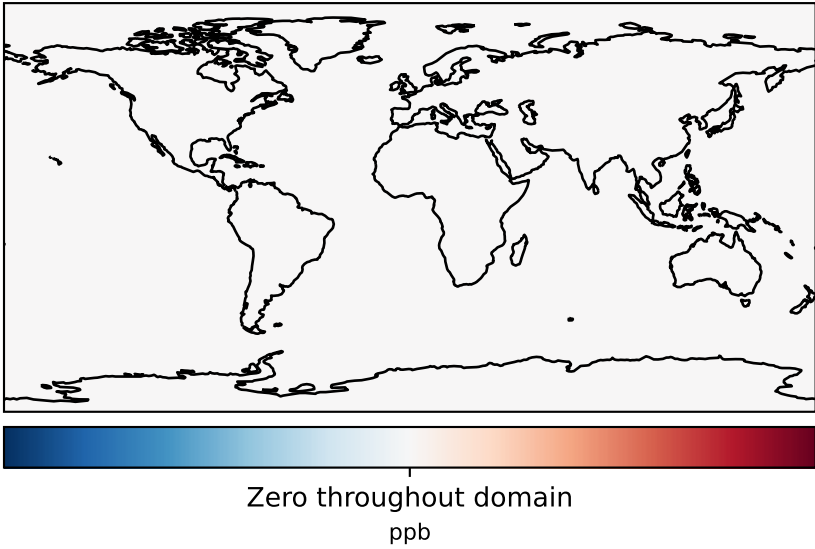
SpeciesConcVV_Simple_SOA

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24



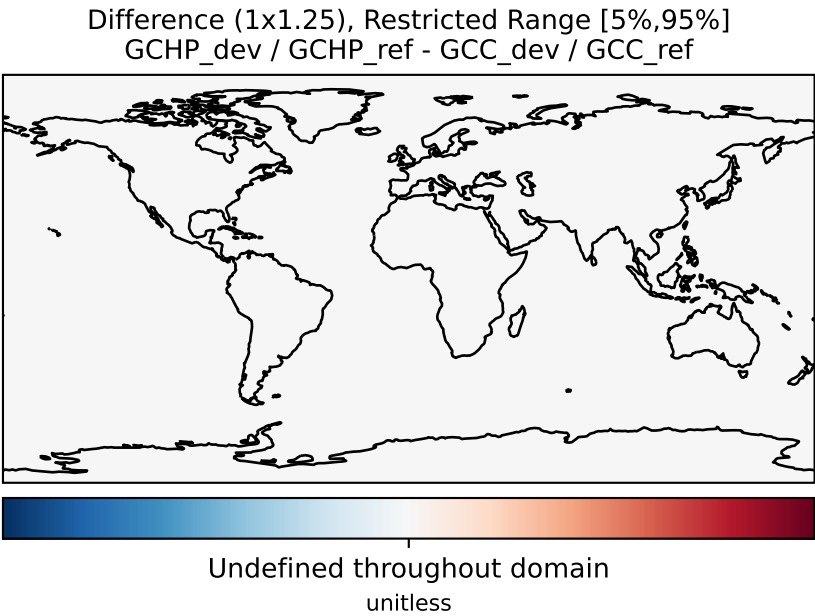
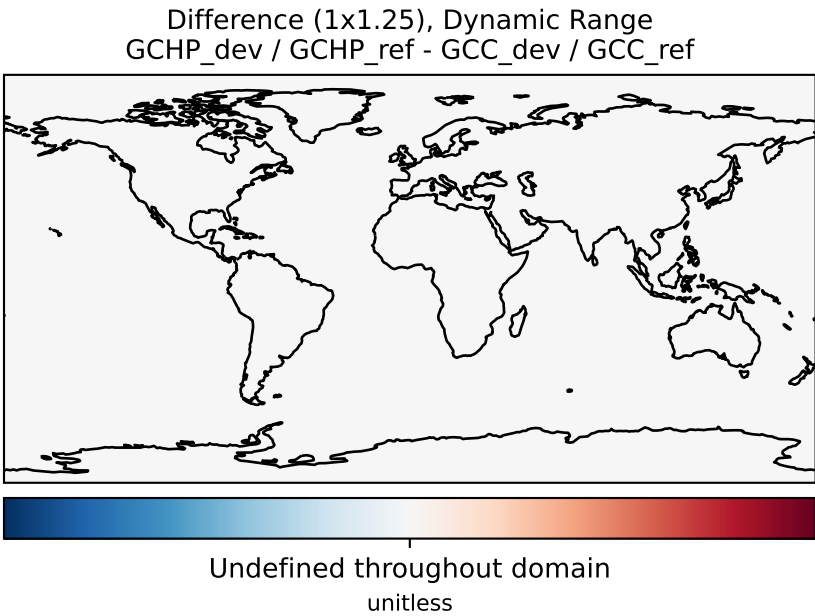
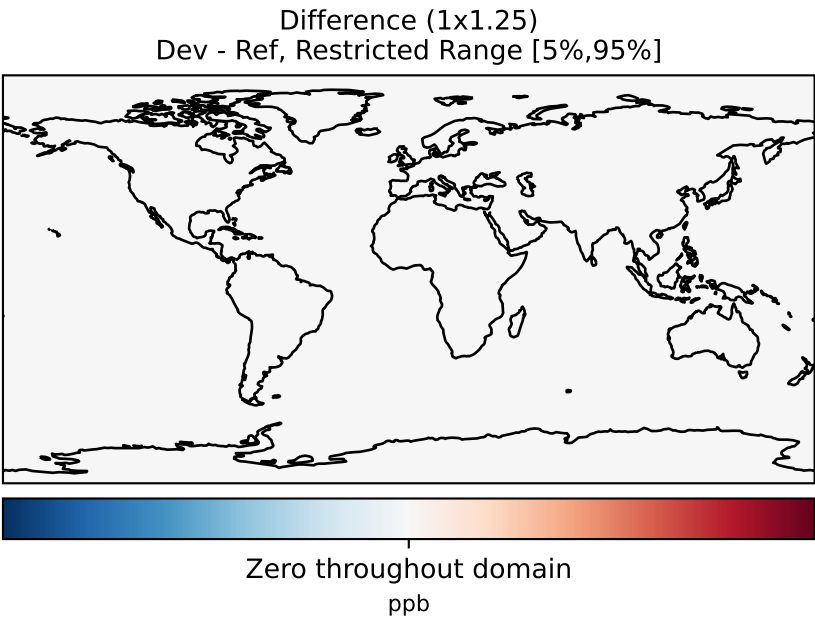
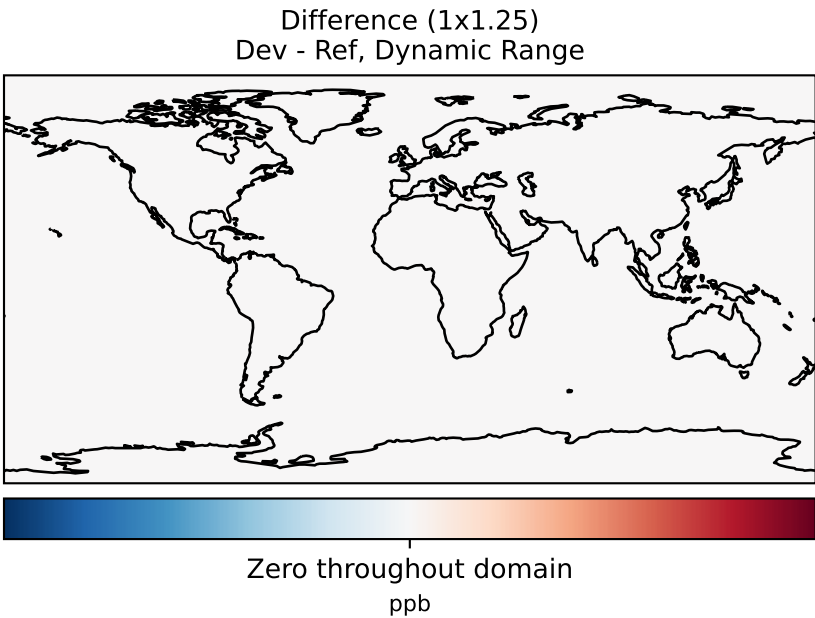
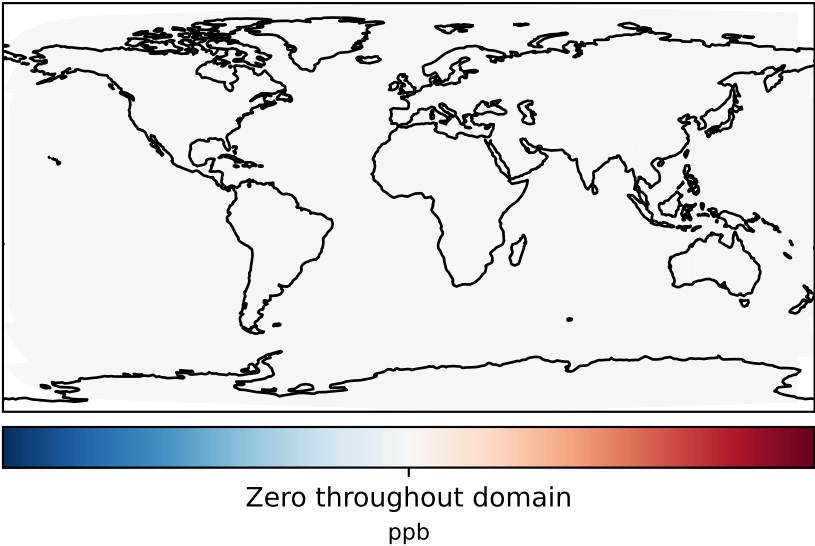
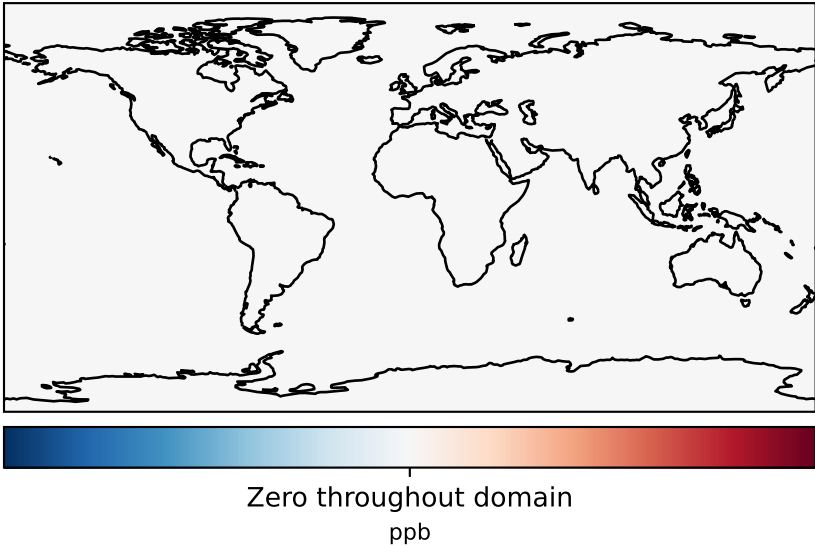
SpeciesConcVV_AERI

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24



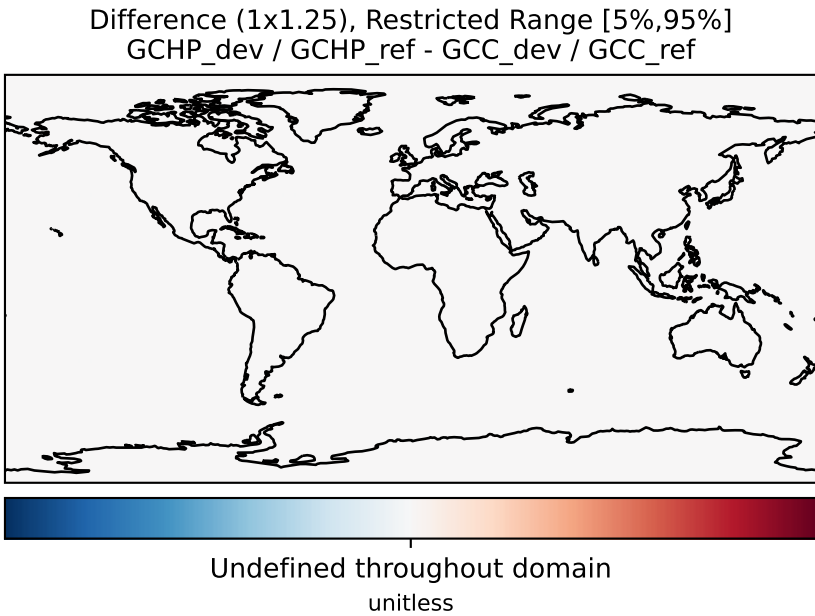
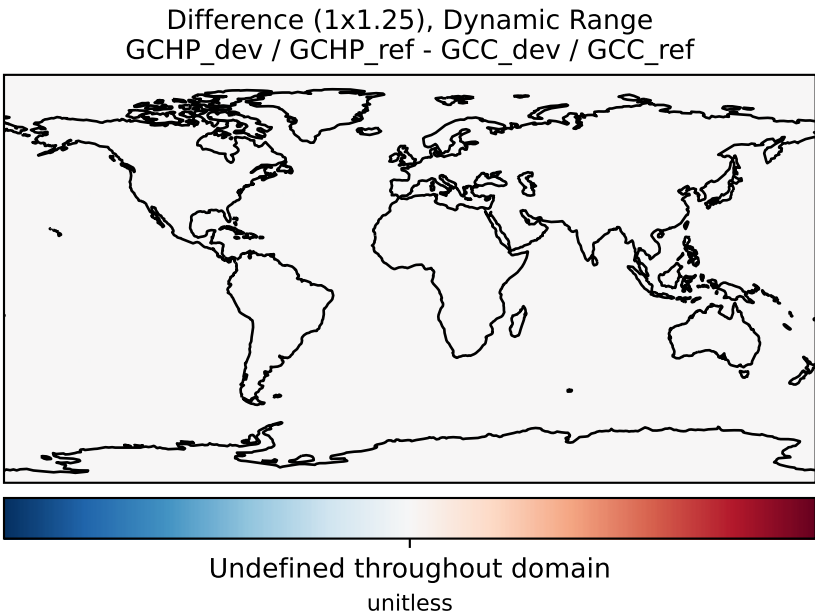
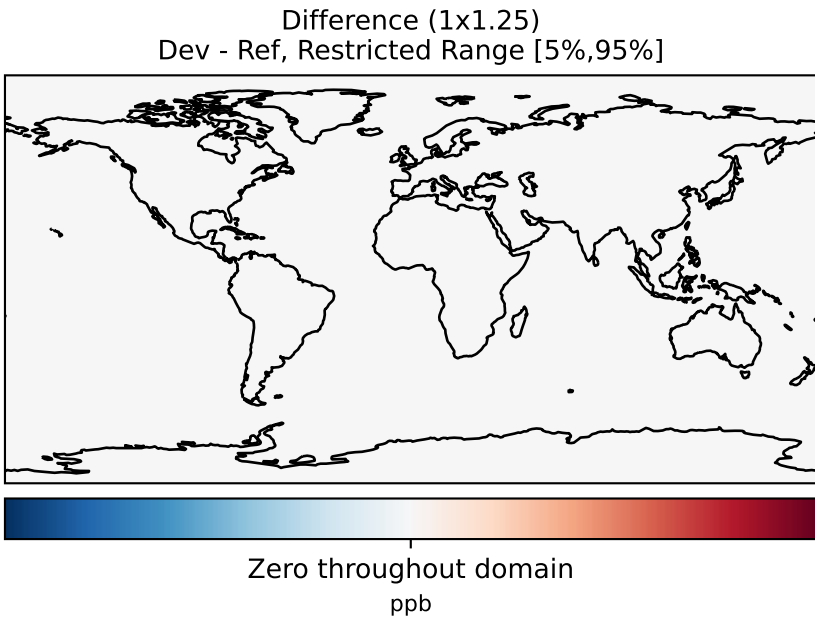
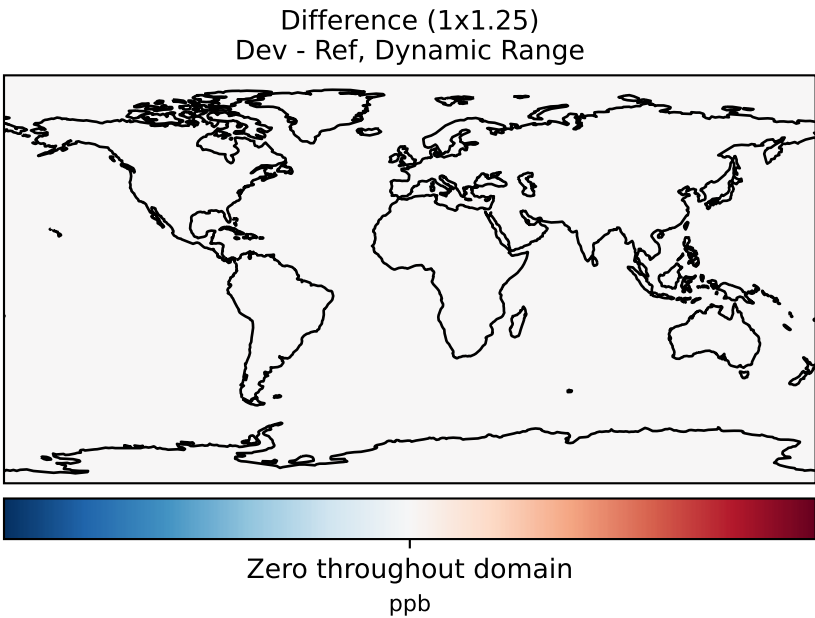
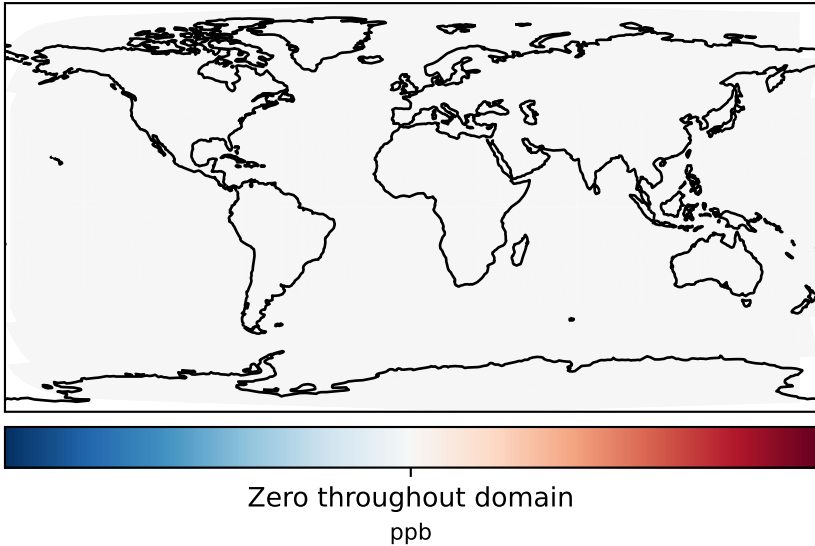
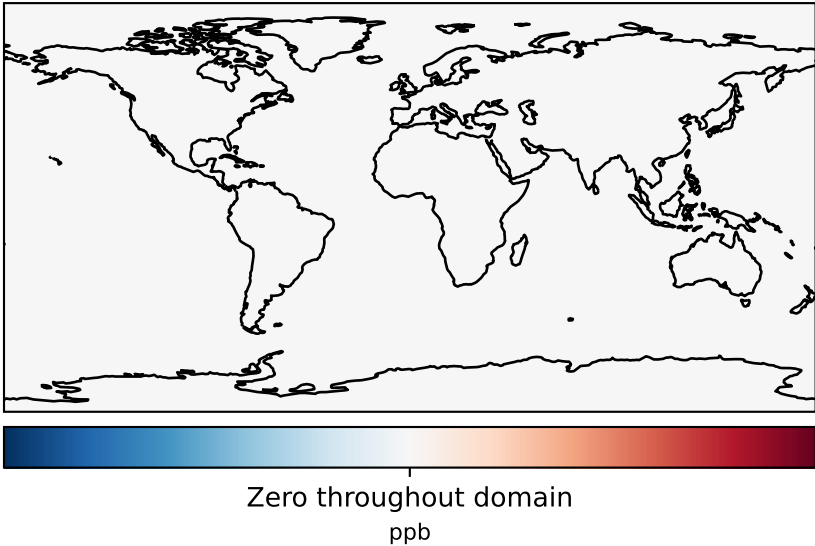
SpeciesConcVW_BrSALA

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24



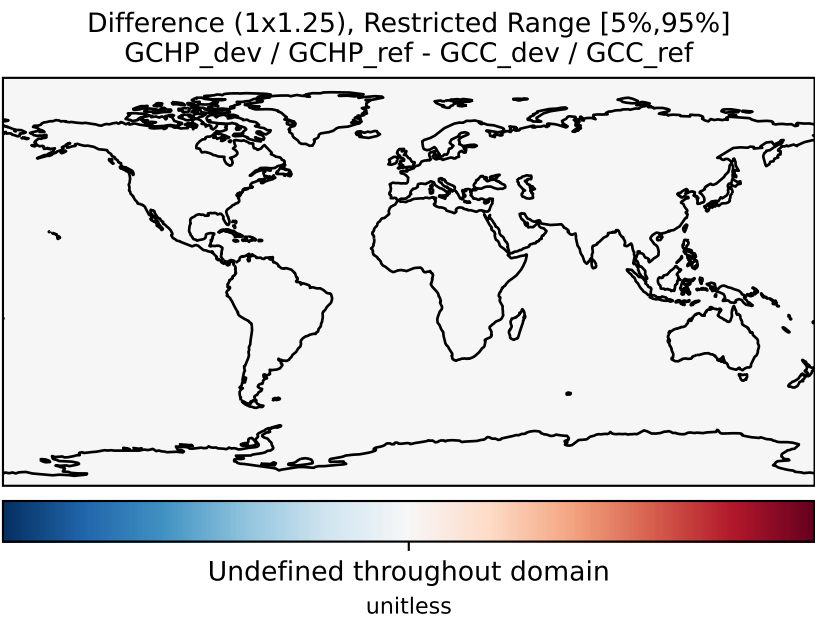
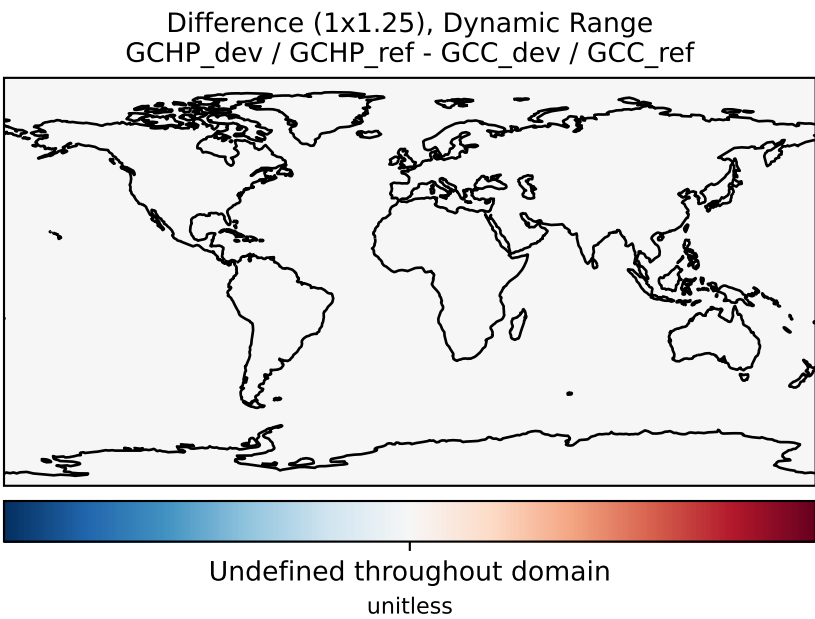
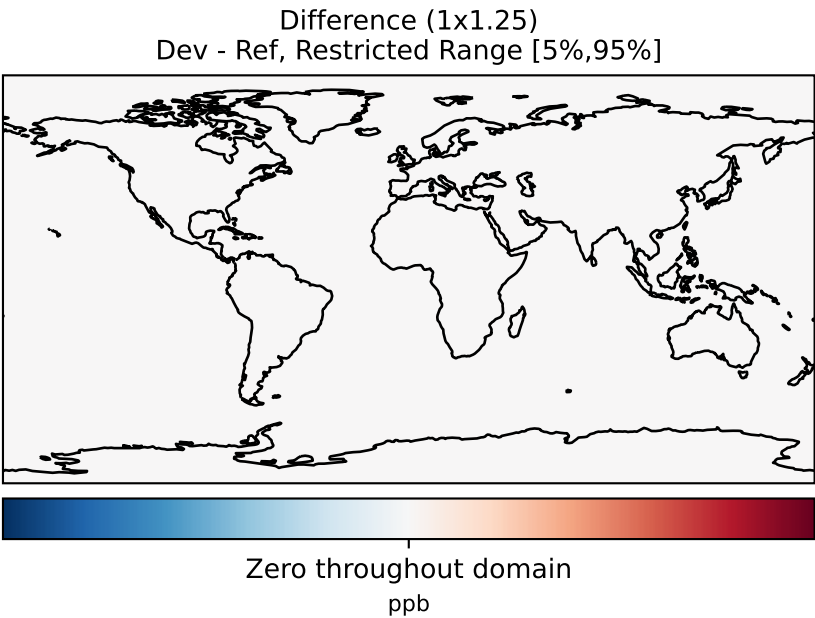
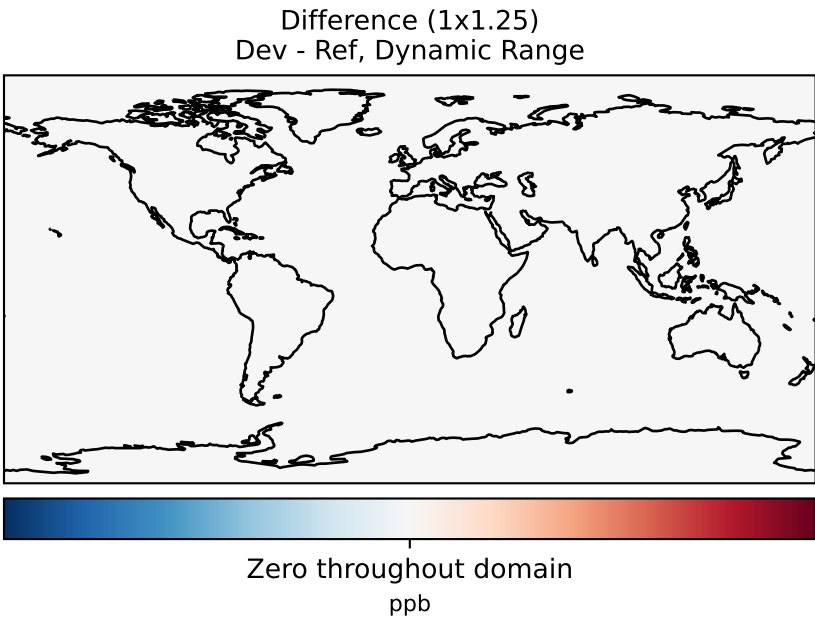
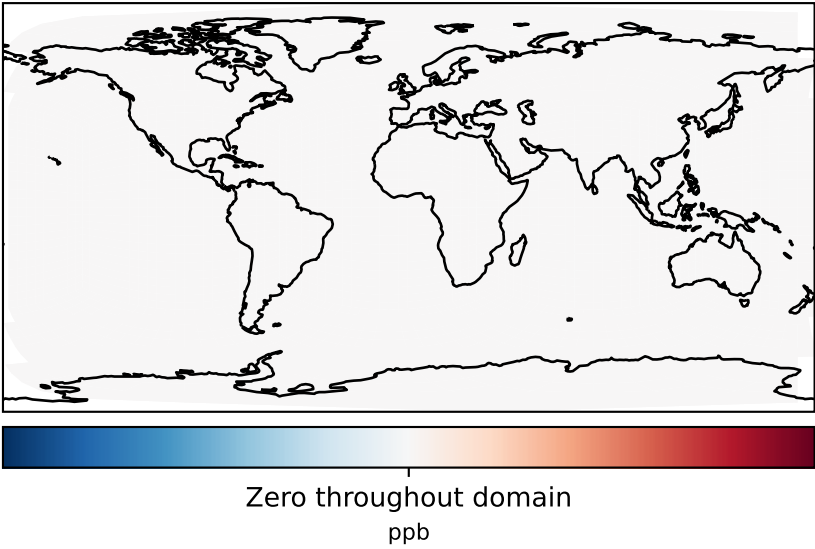
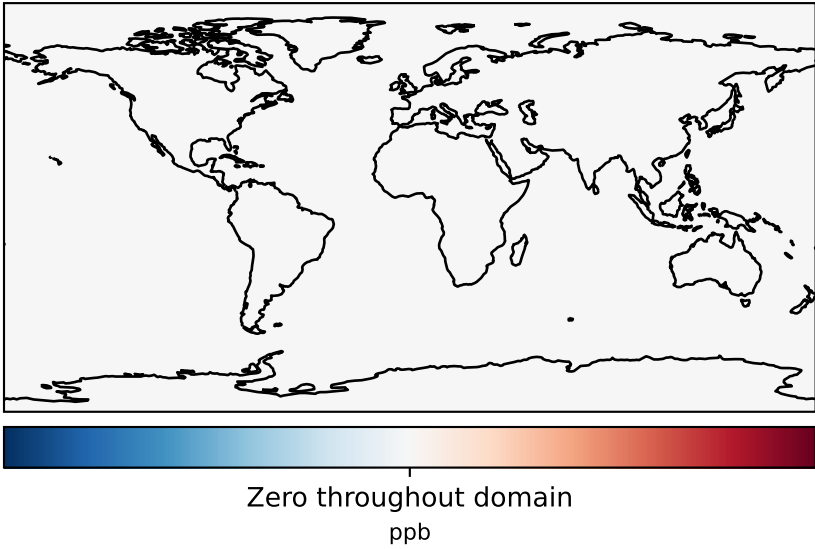
SpeciesConcVW_BrSALC

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24



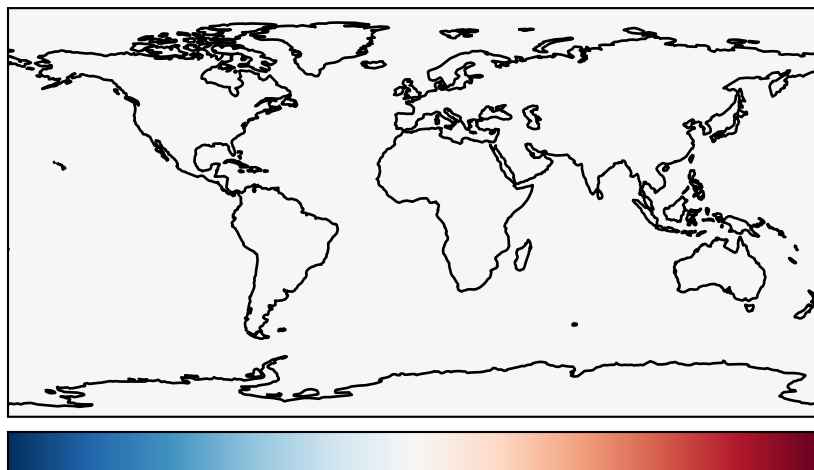
SpeciesConcVV_ISALA

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24

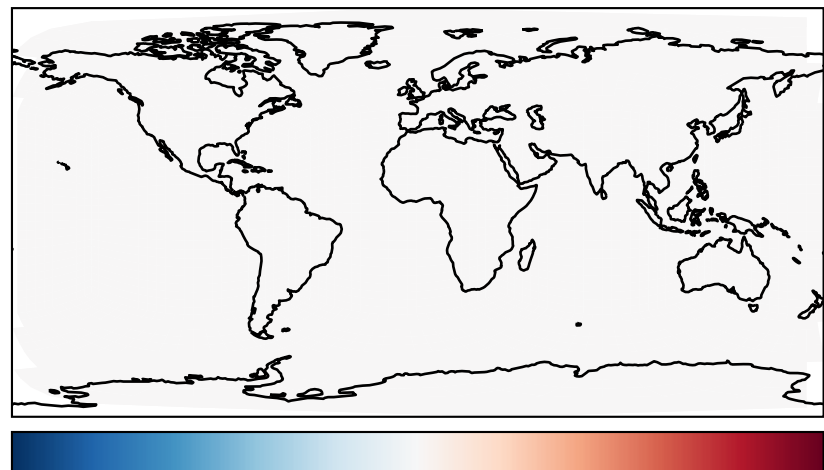


SpeciesConcVV_ISALC

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24

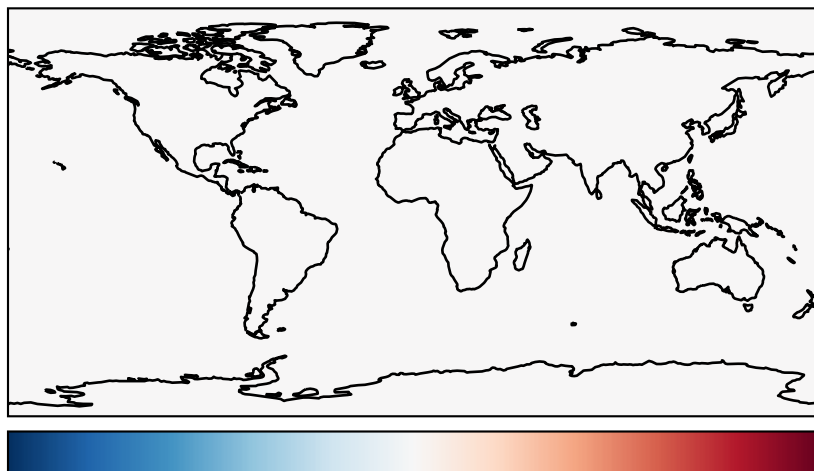


Zero throughout domain
ppb



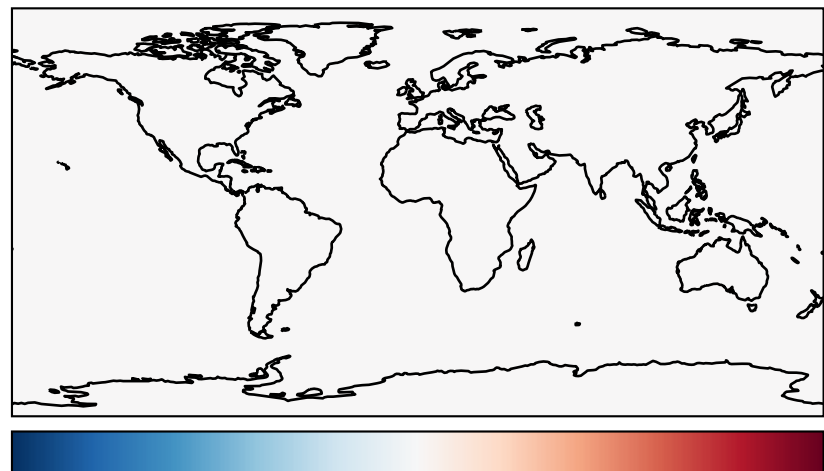
Zero throughout domain
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Difference (1x1.25)
Dev - Ref, Dynamic Range



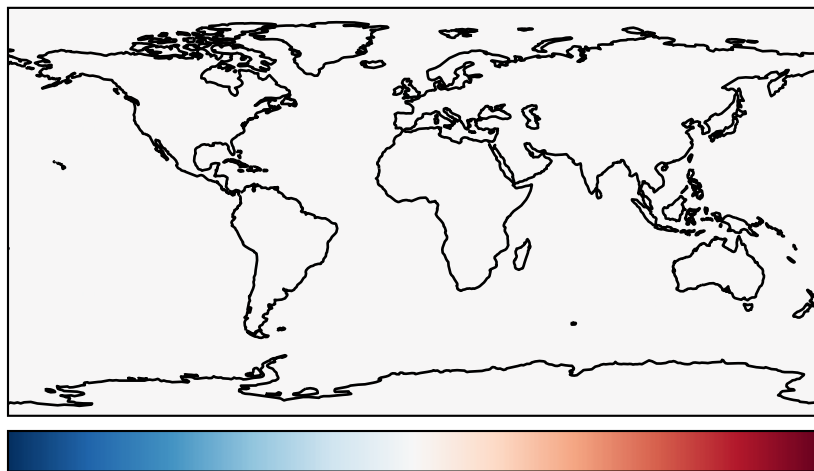
Zero throughout domain
ppb

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



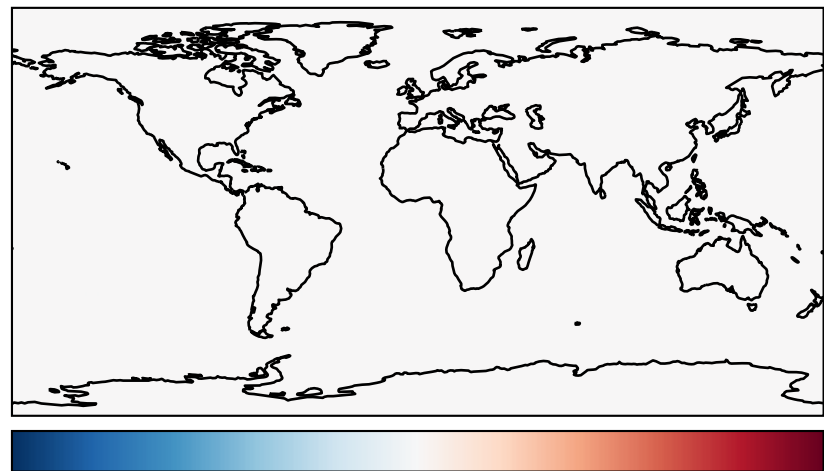
Zero throughout domain
ppb

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



Undefined throughout domain
unitless

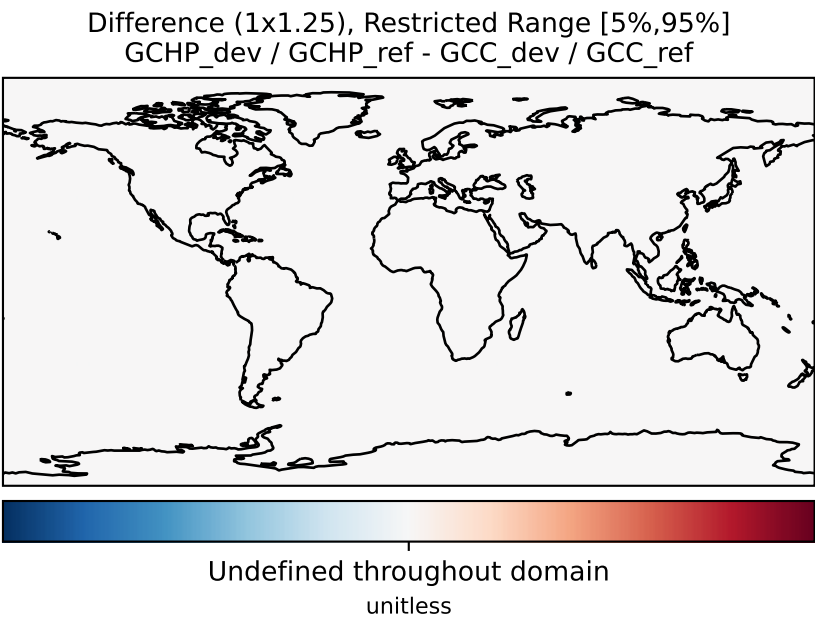
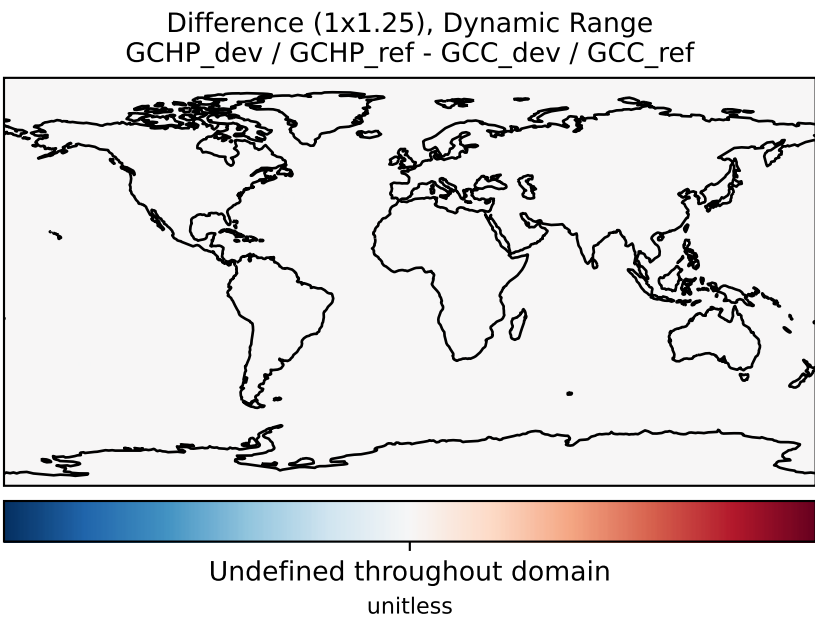
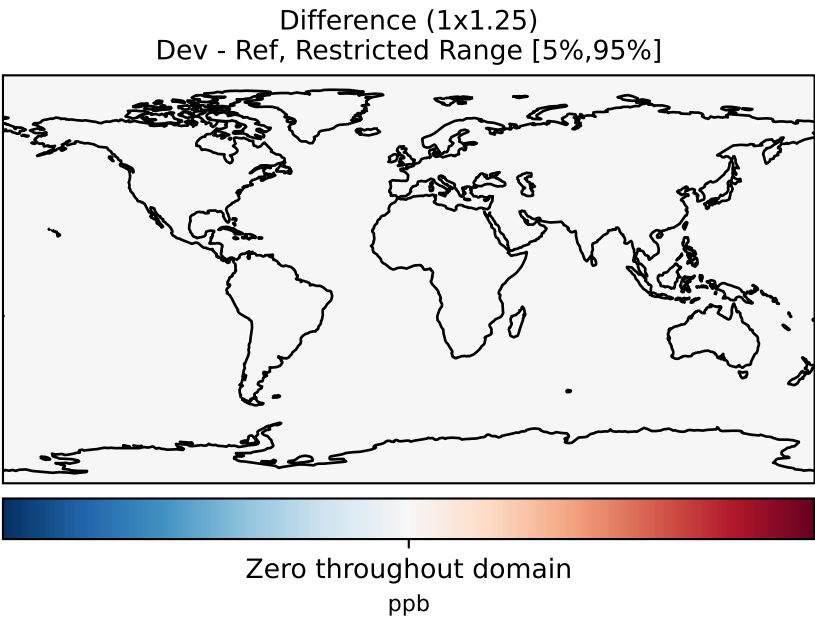
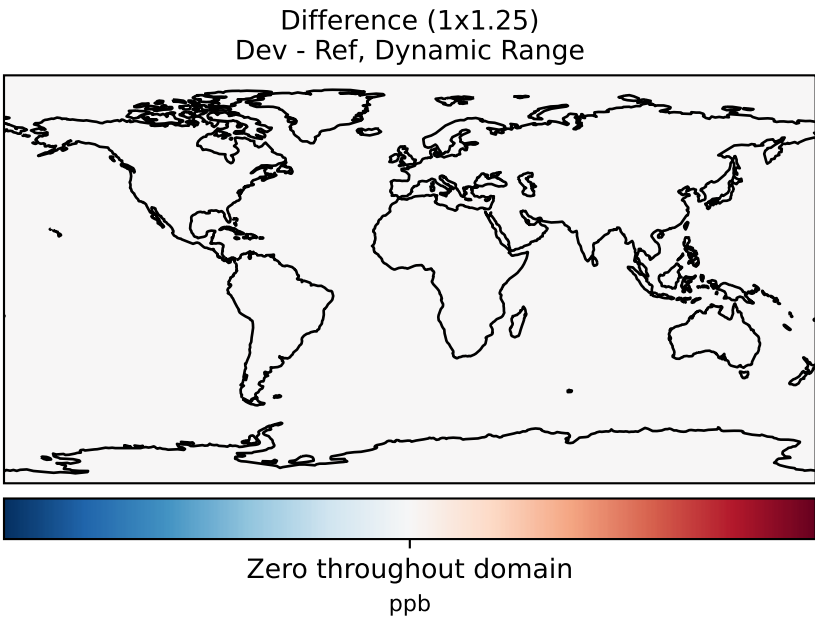
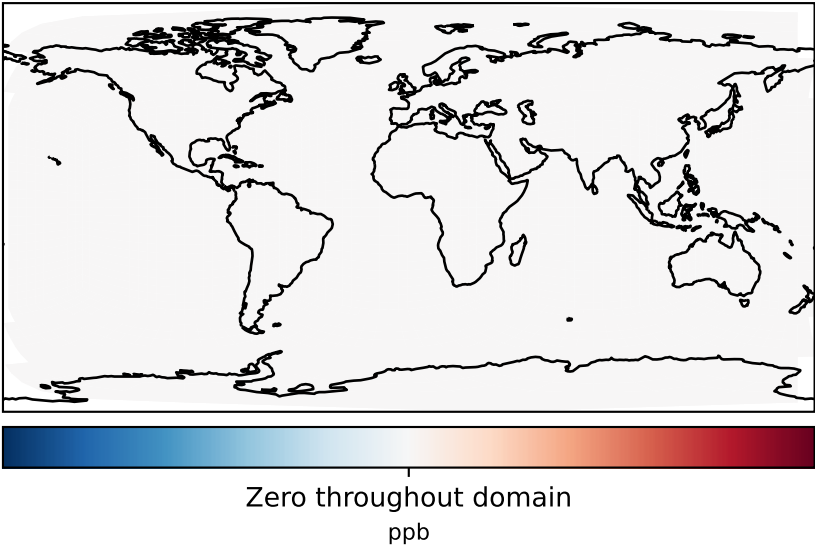
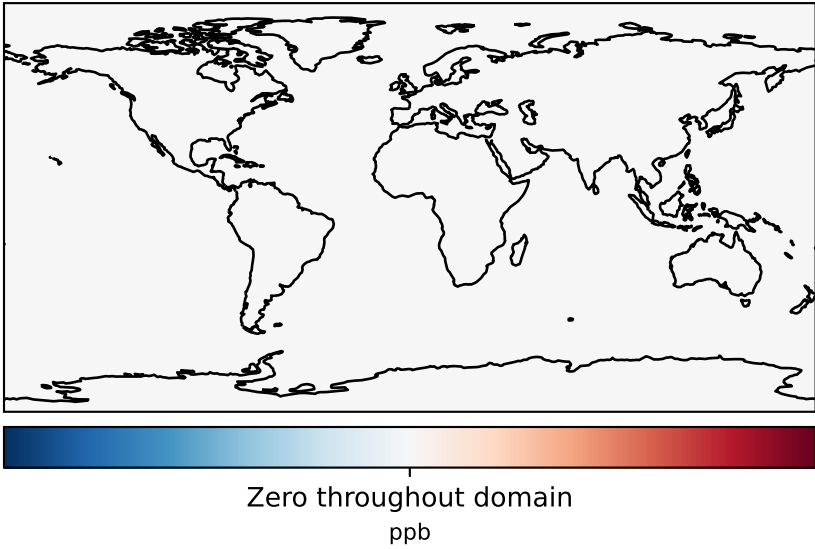
Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$



Undefined throughout domain
unitless

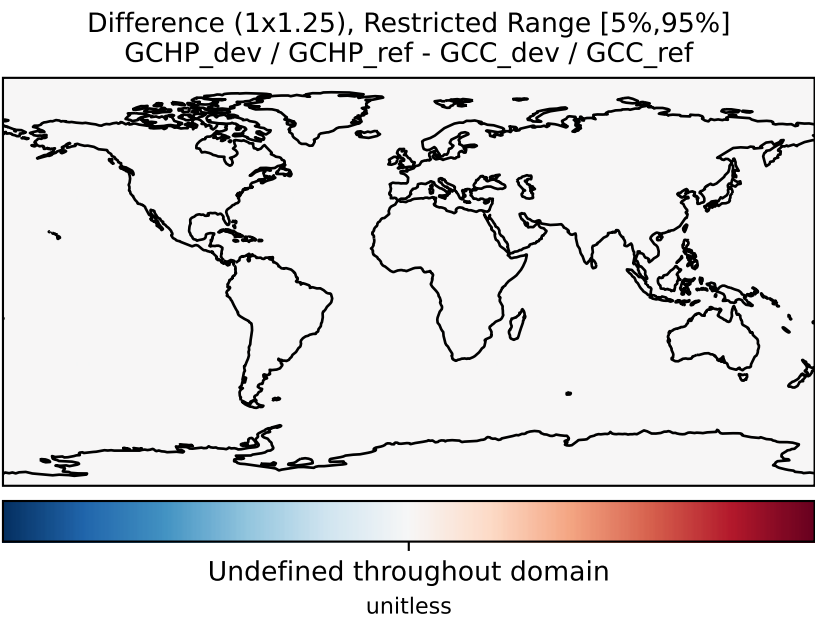
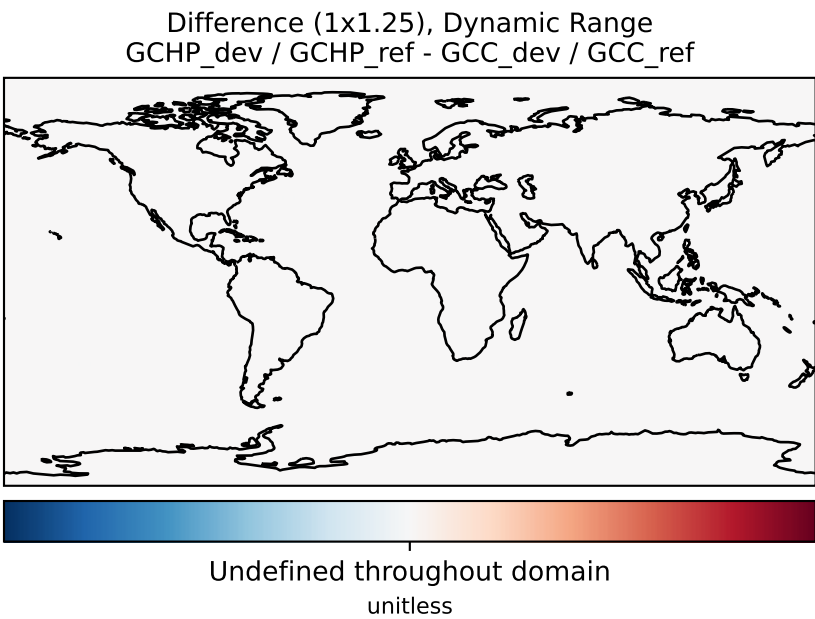
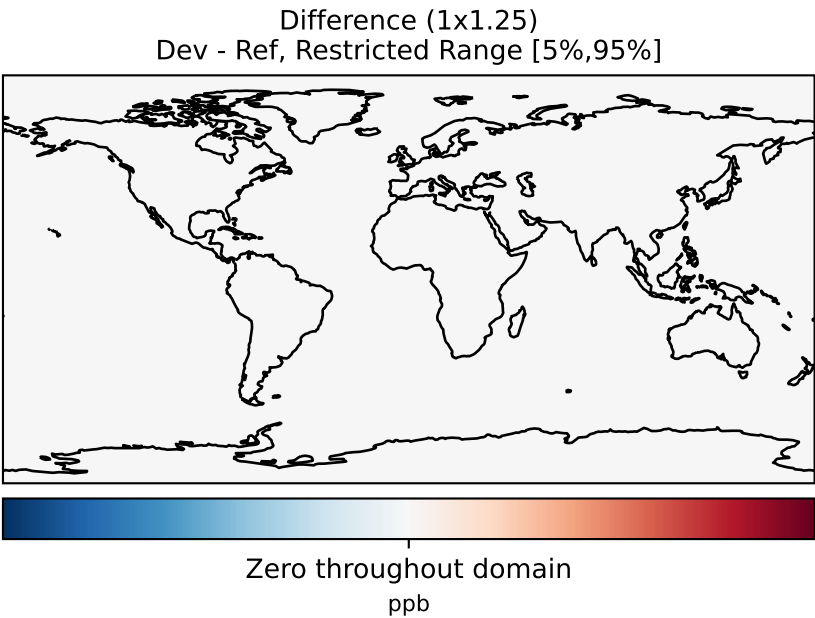
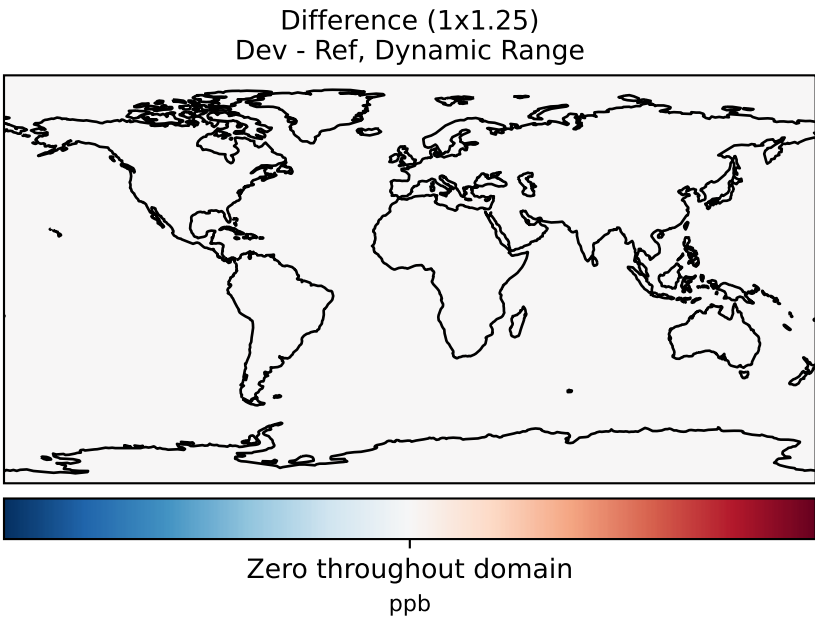
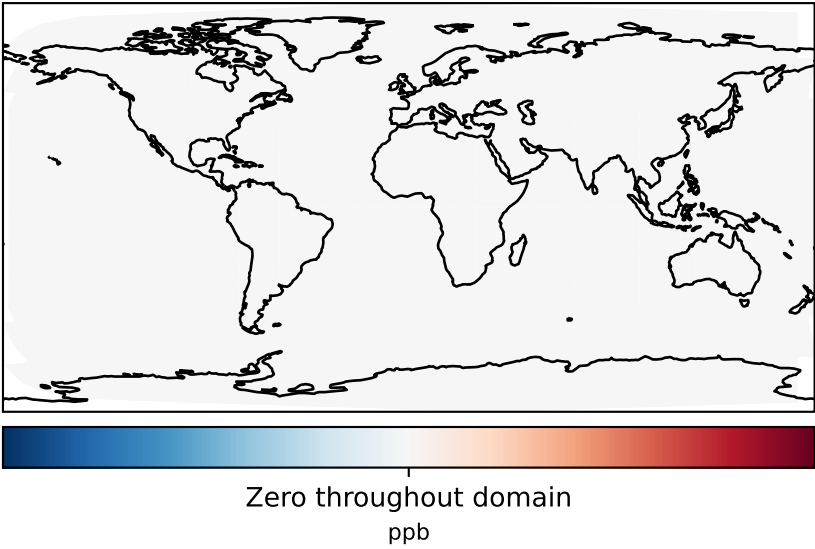
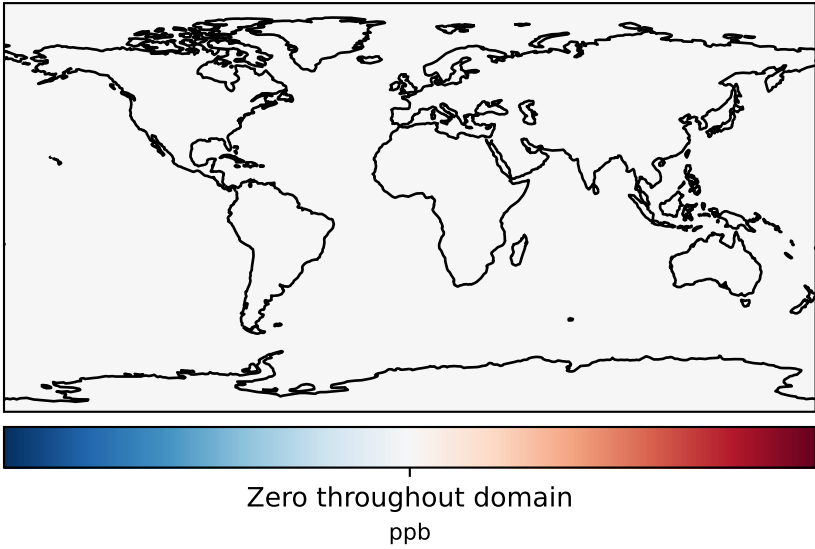
SpeciesConcVV_NITs

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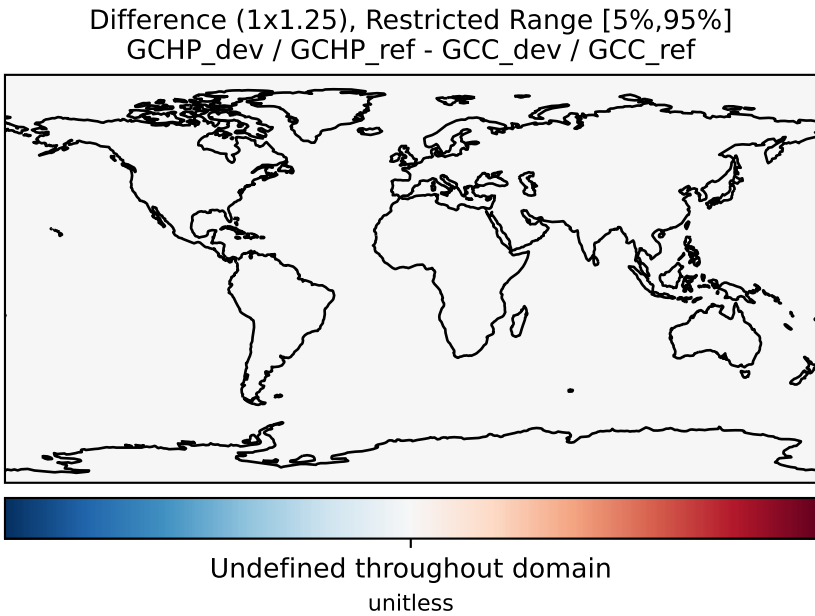
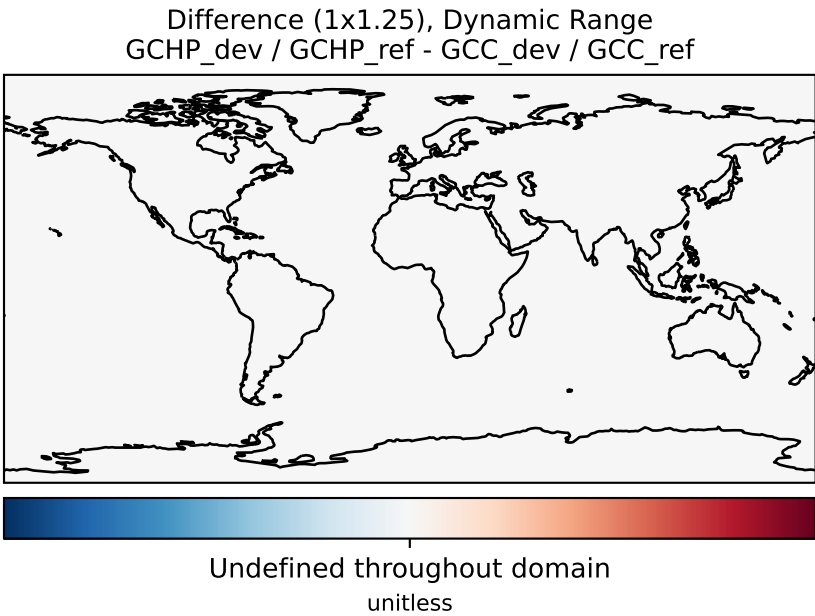
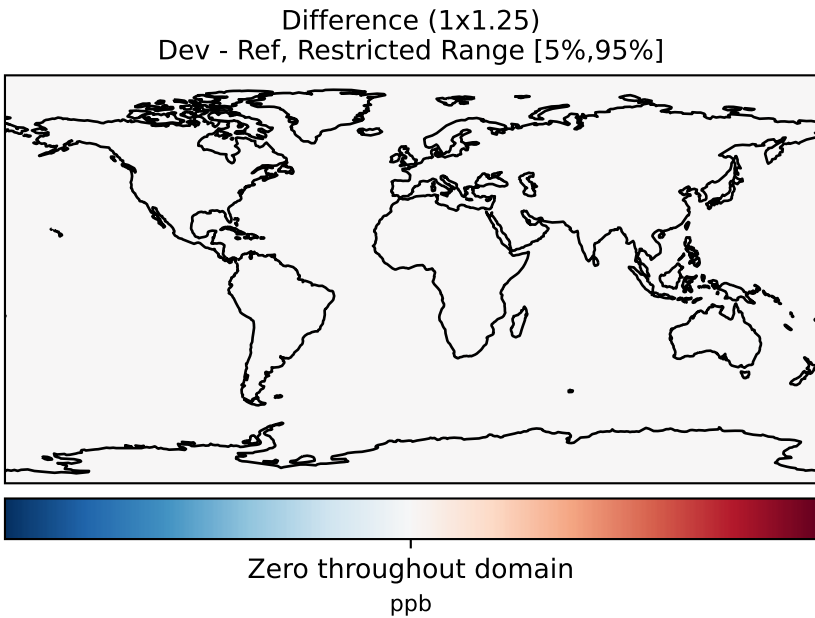
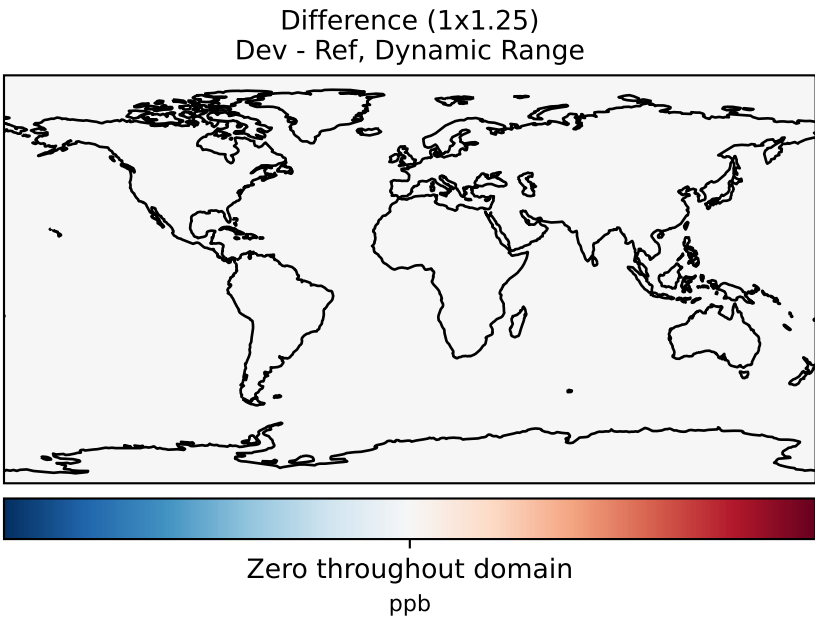
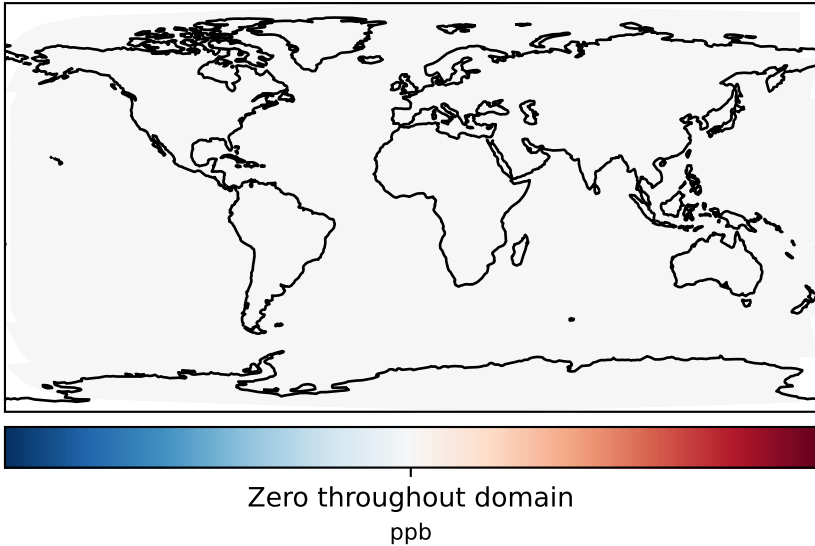
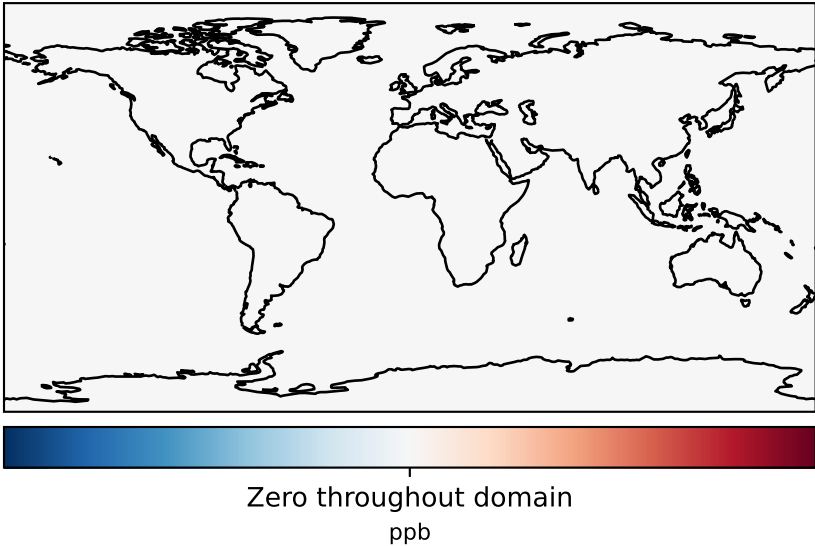
SpeciesConcVV_SALA

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24



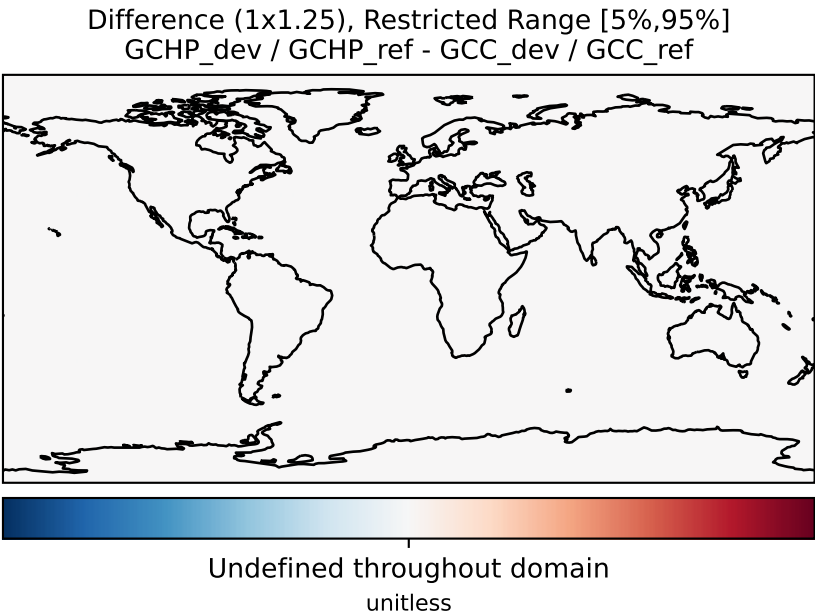
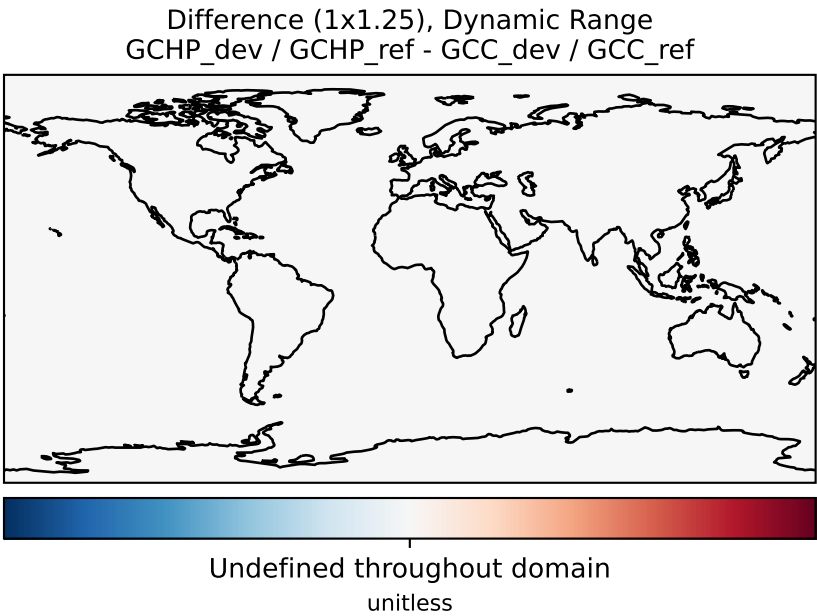
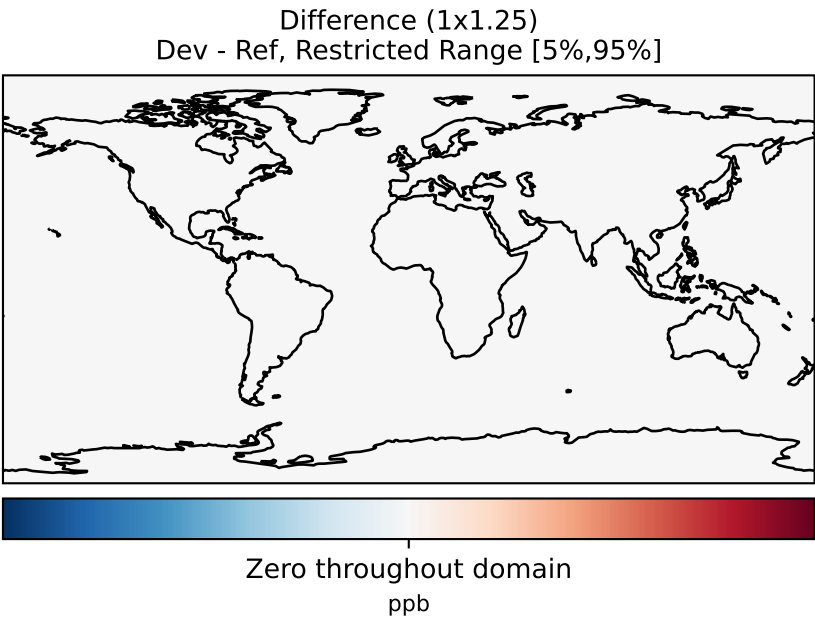
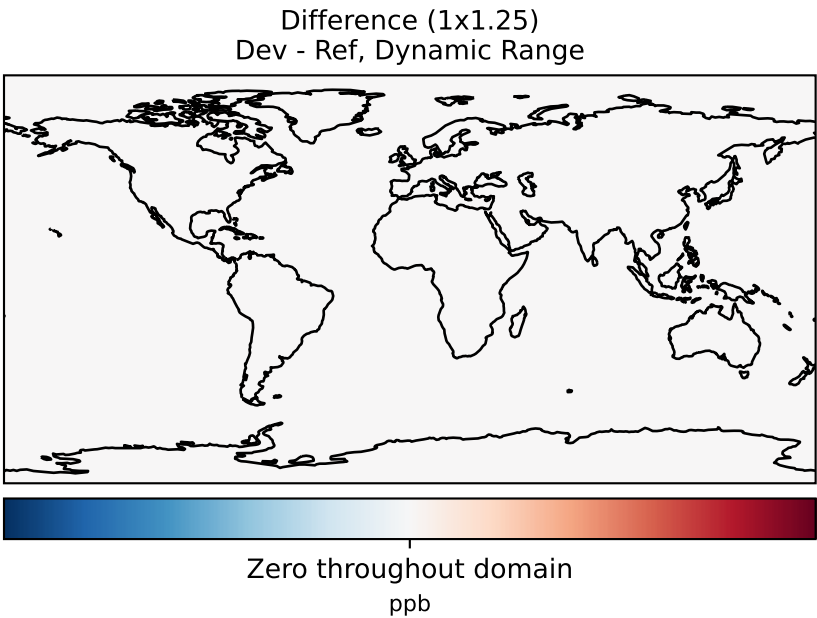
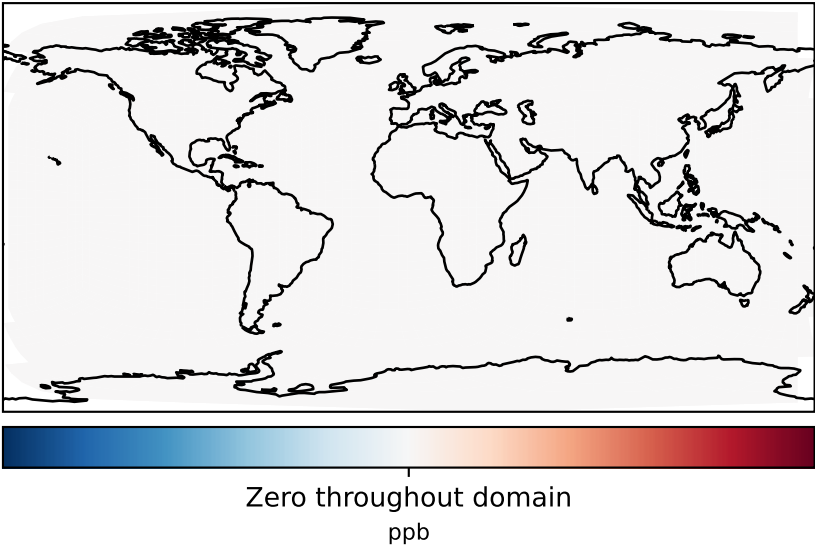
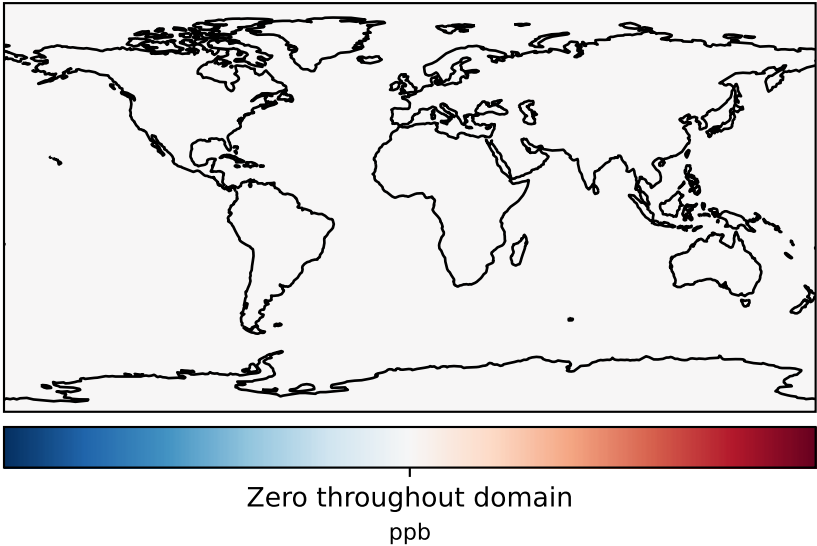
SpeciesConcVV_SALAAL

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24



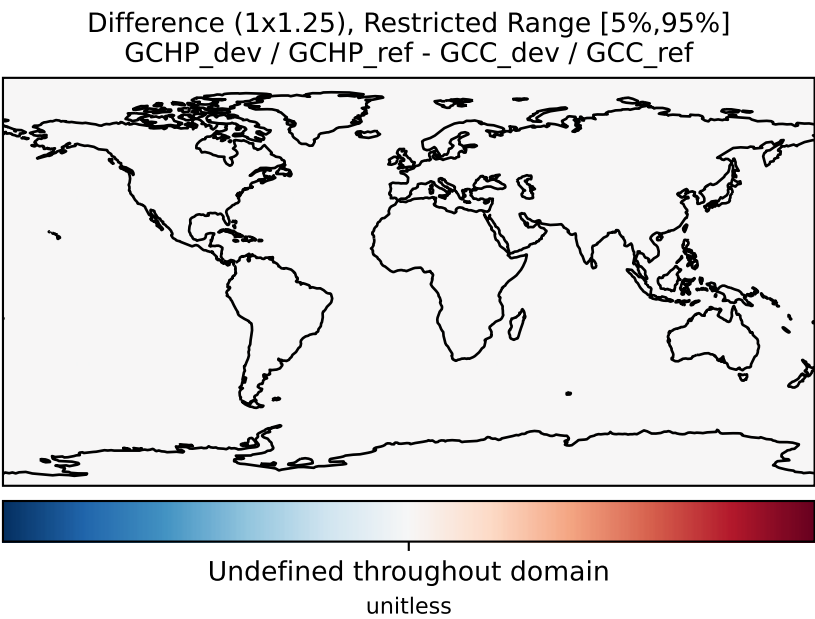
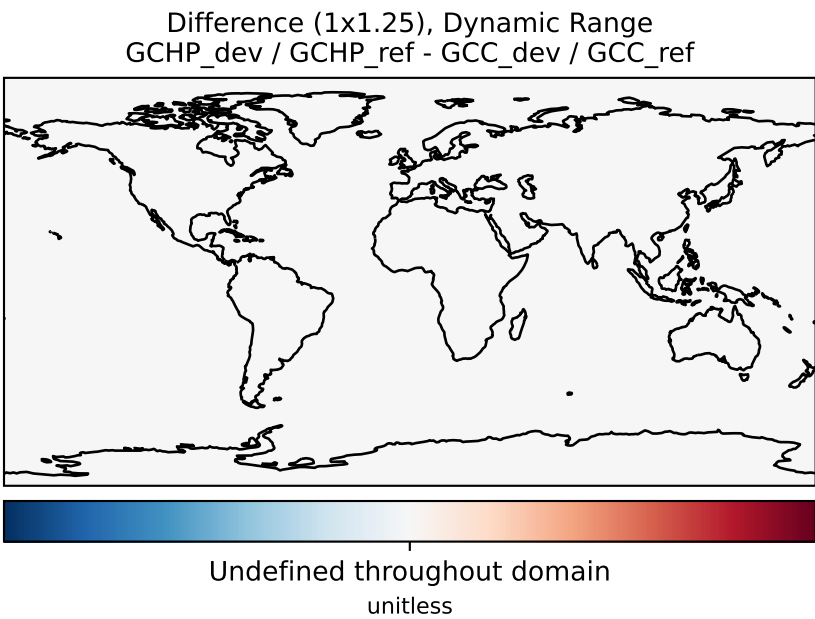
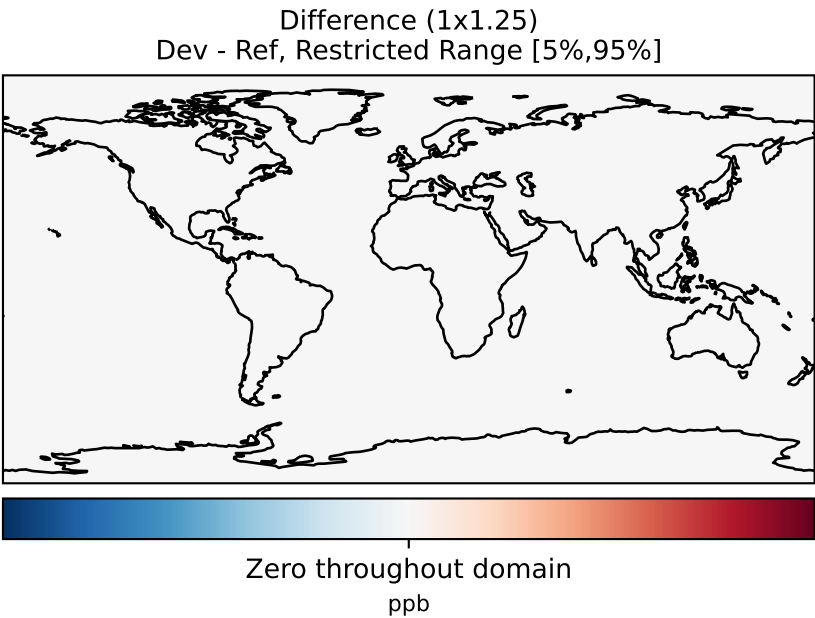
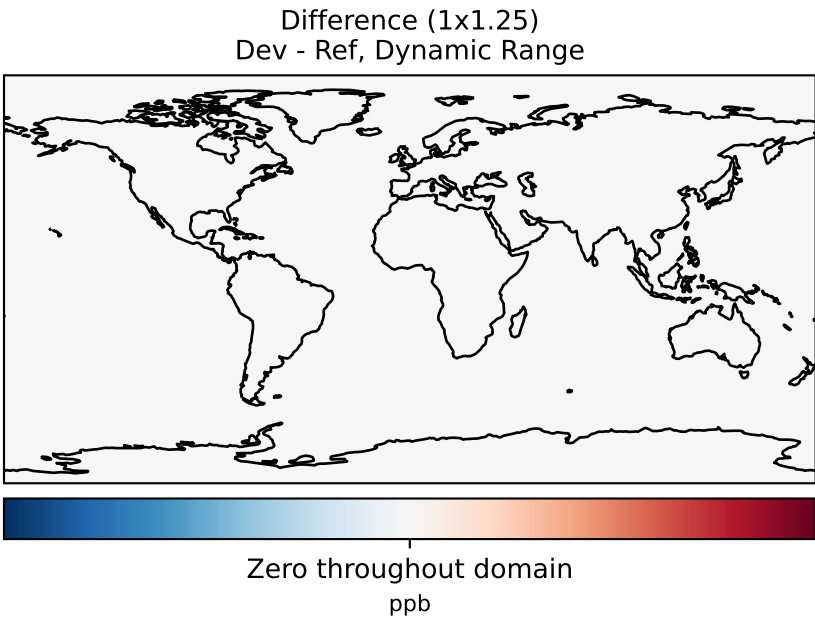
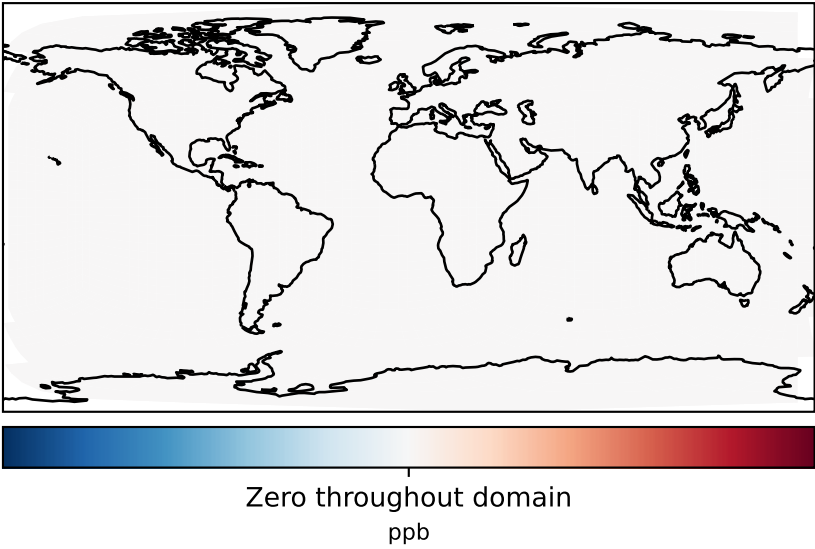
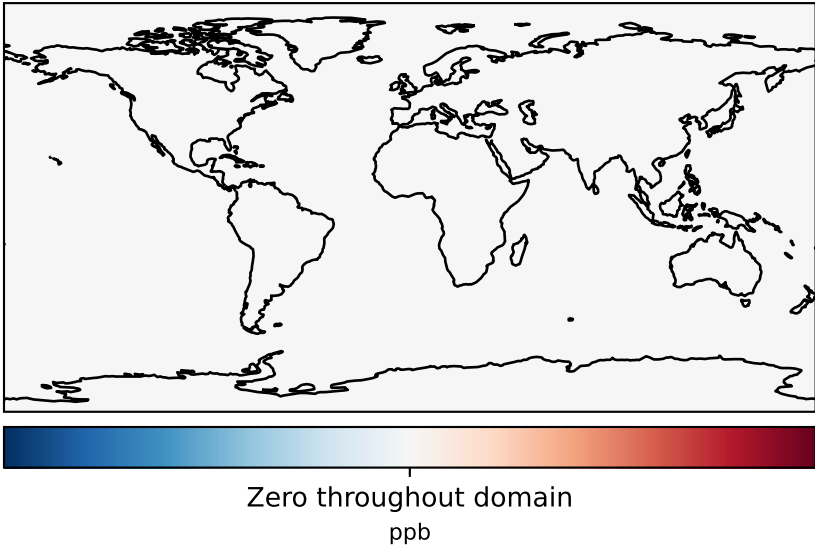
SpeciesConcVV_SALACL

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24



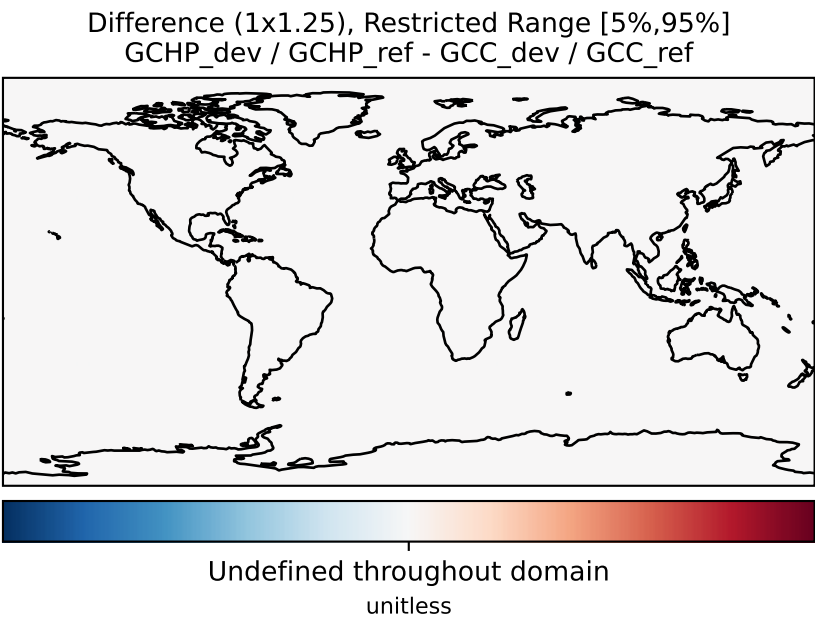
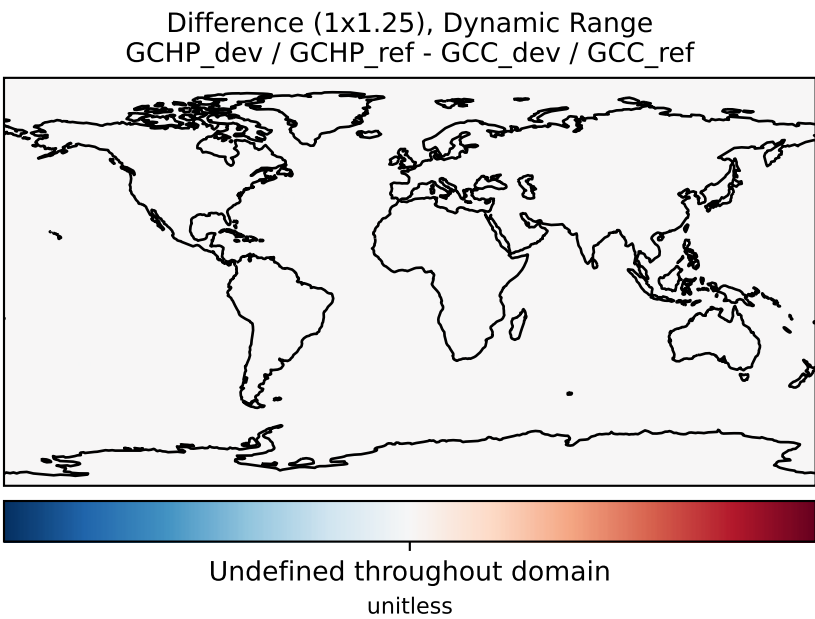
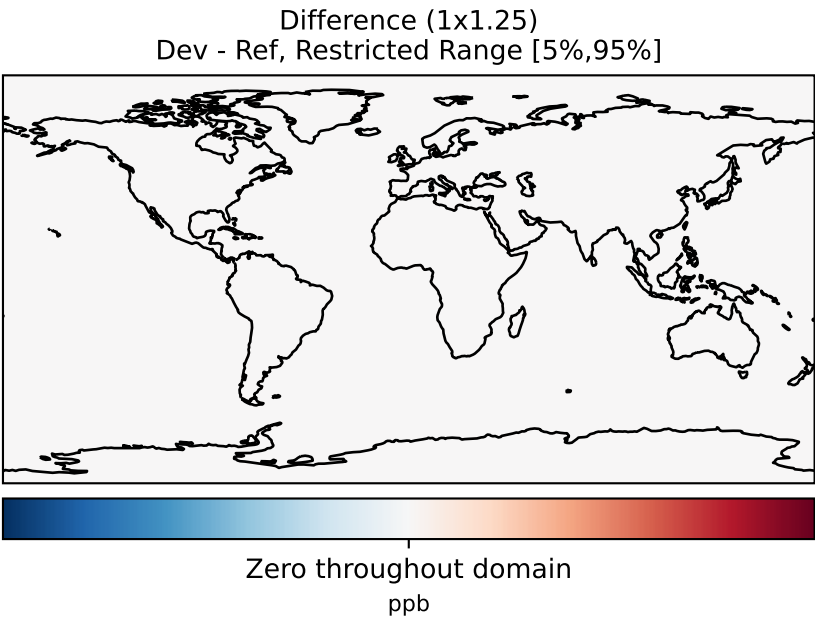
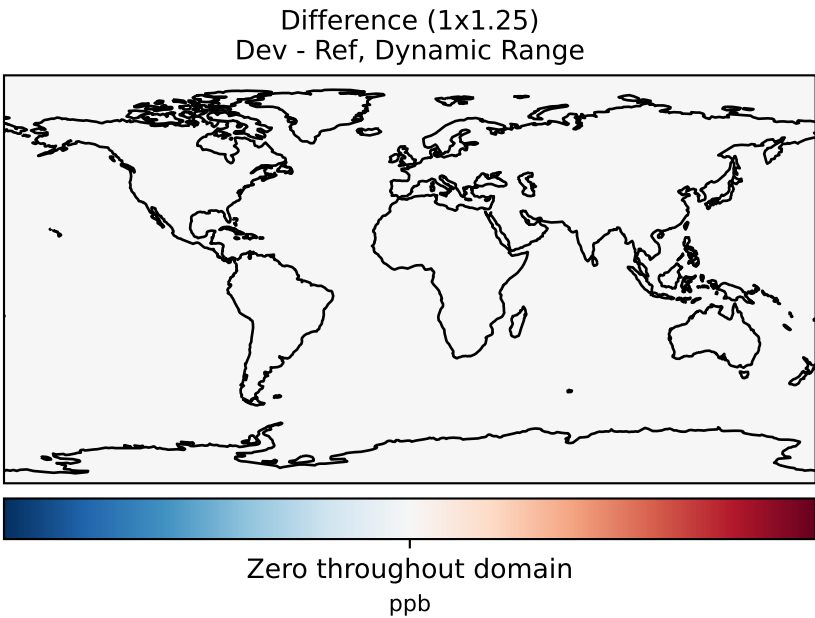
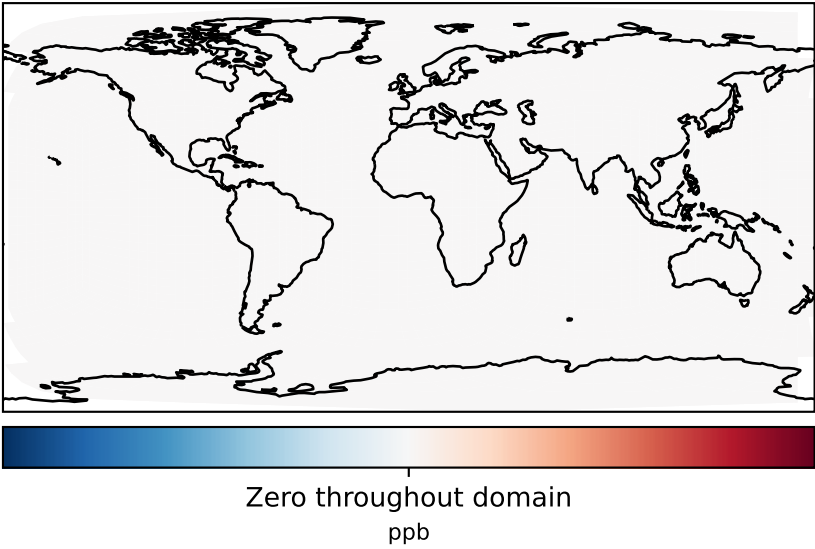
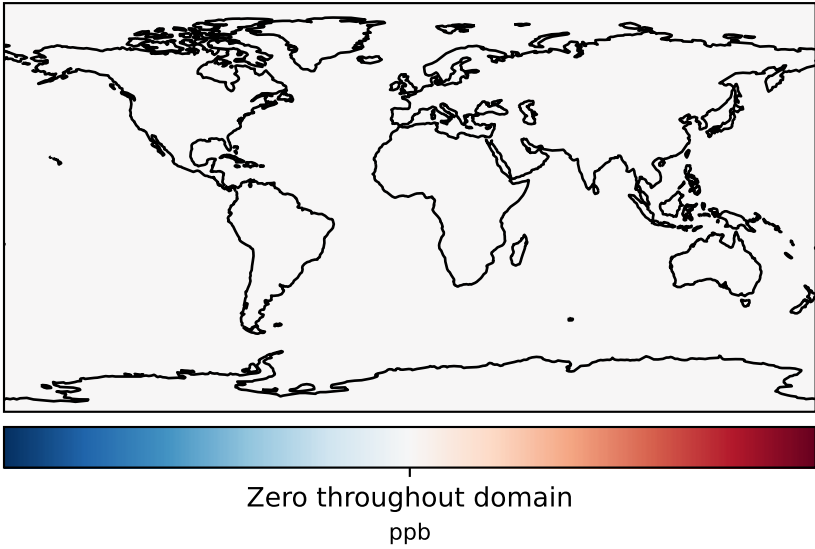
SpeciesConcVV_SALC

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24



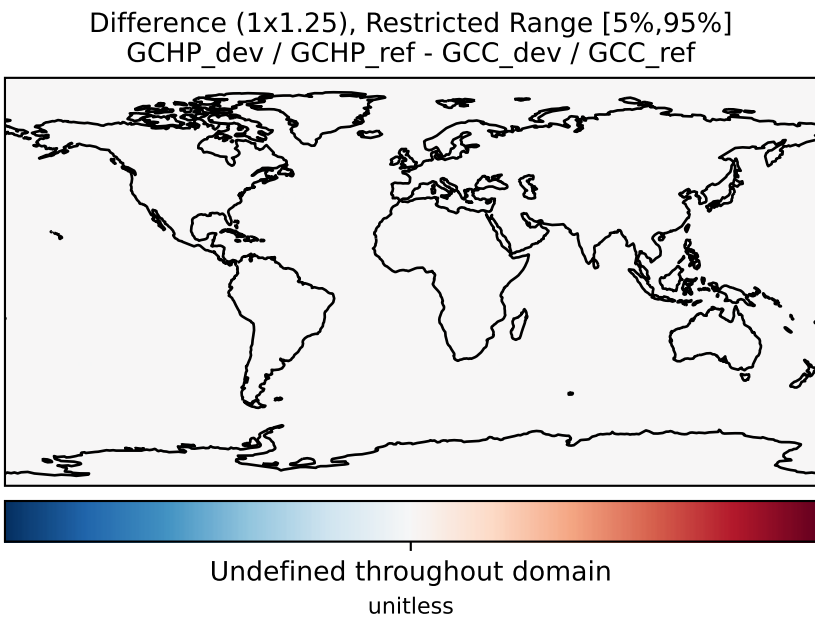
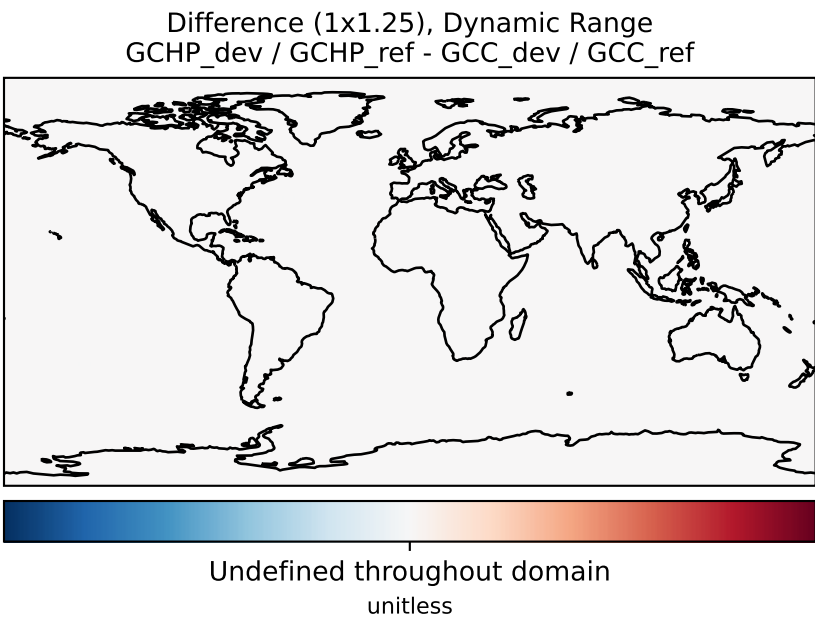
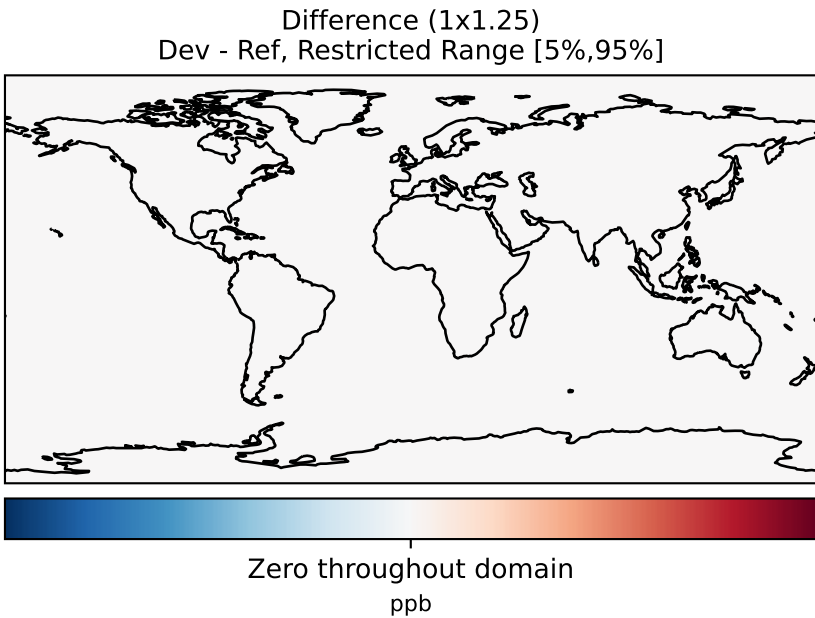
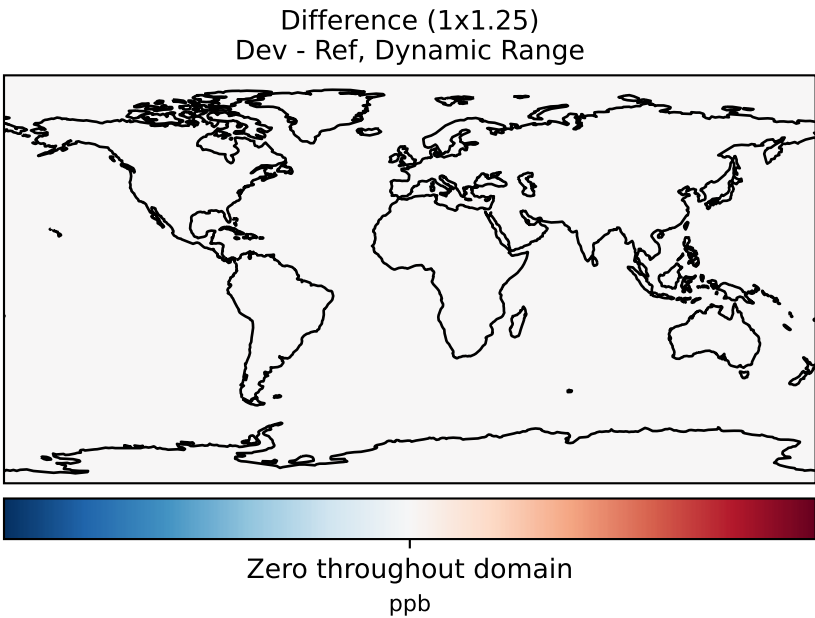
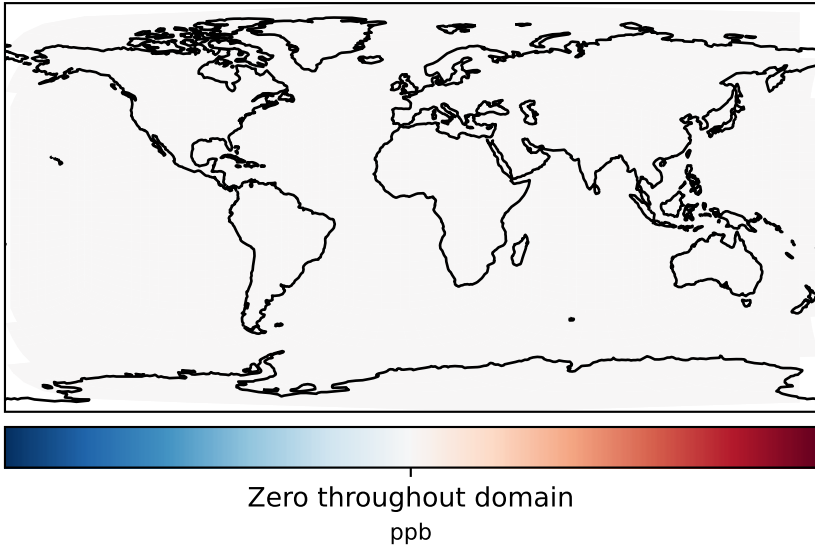
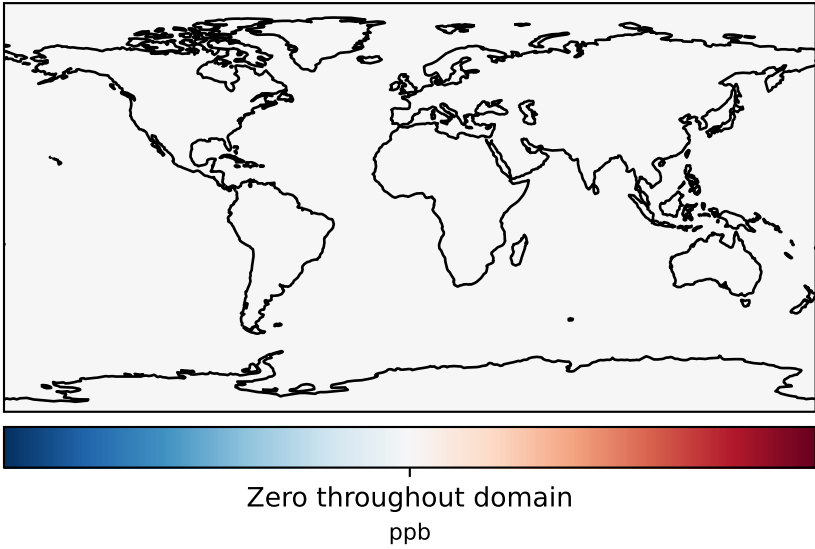
SpeciesConcVV_SALCAL

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24



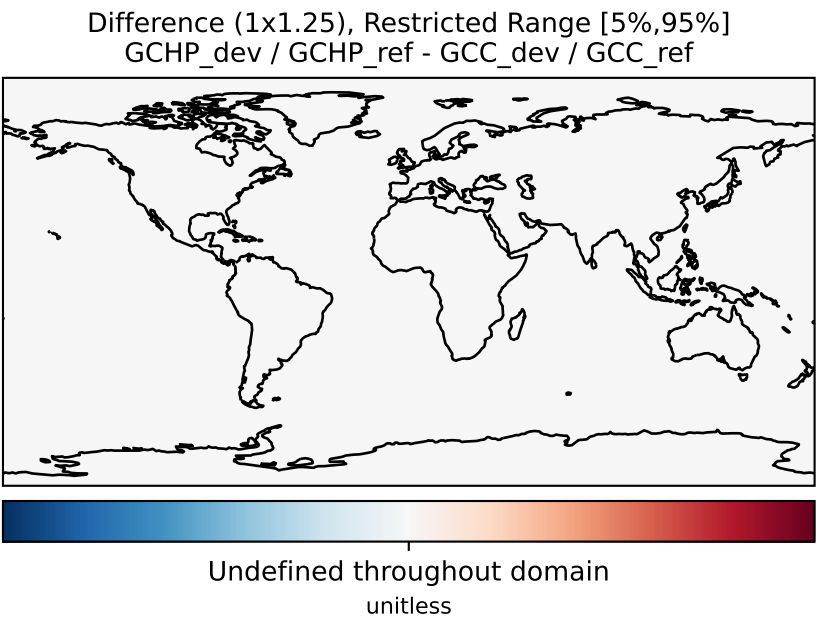
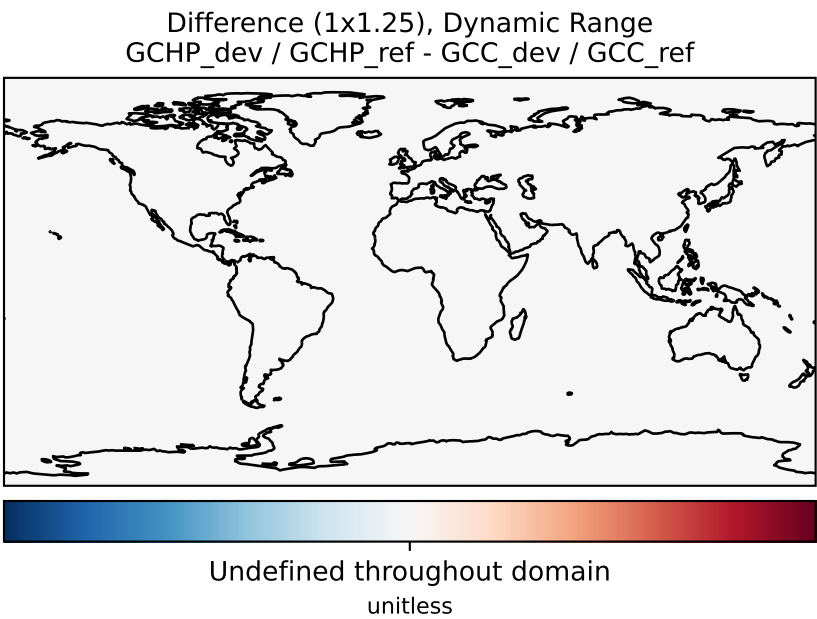
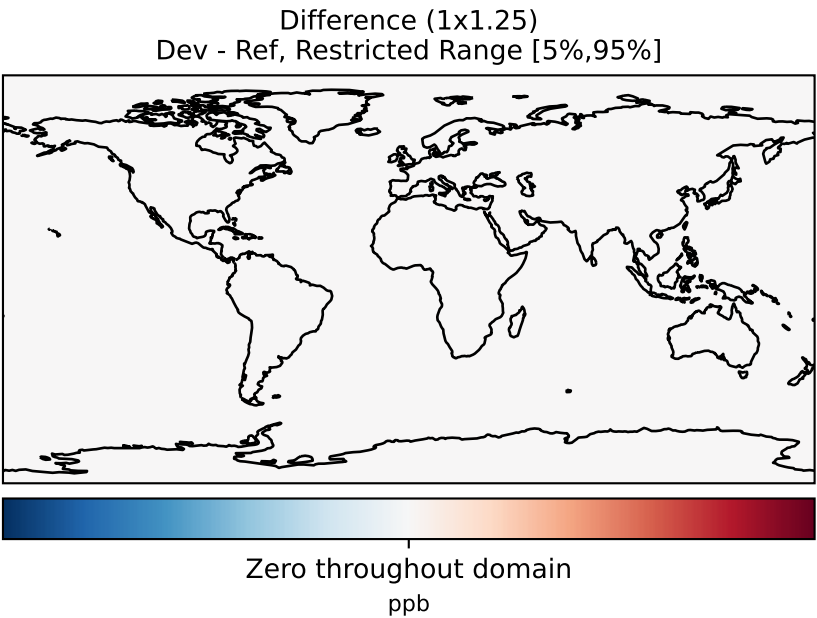
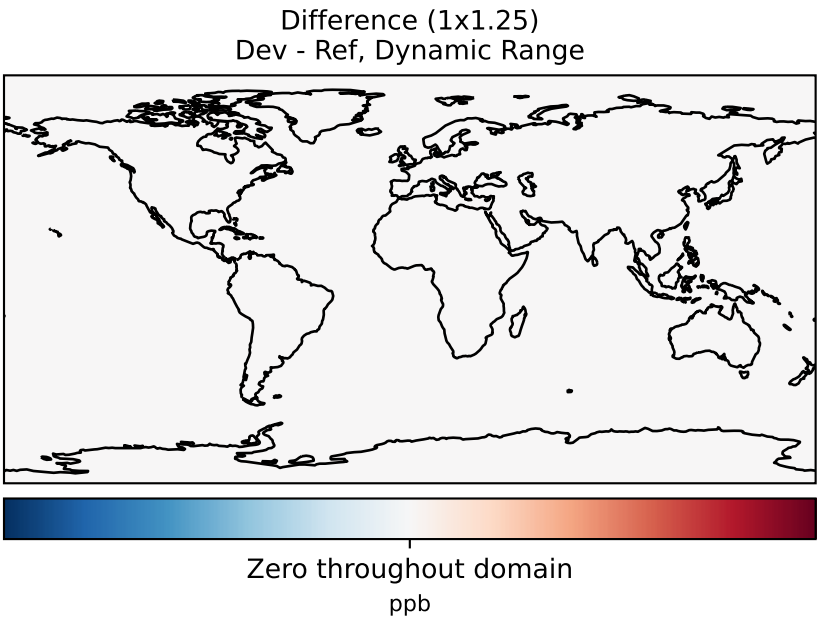
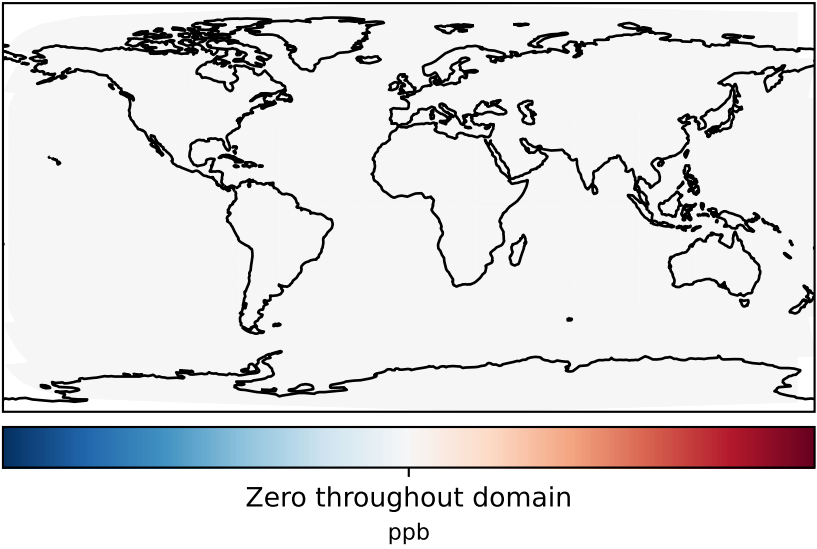
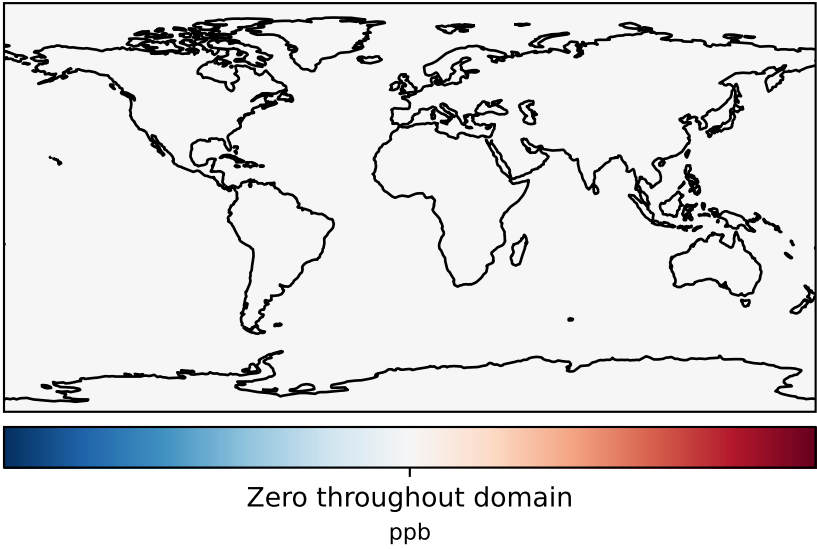
SpeciesConcVV_SALCCL

gcc-4x5-1Mon-14.7.0-alpha.13_-_gcc-4x5-1Mon-14.7.0-alpha.12 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.13_-_gchp-c24-1Mon-14.7.0-alpha.12 (Dev) c24



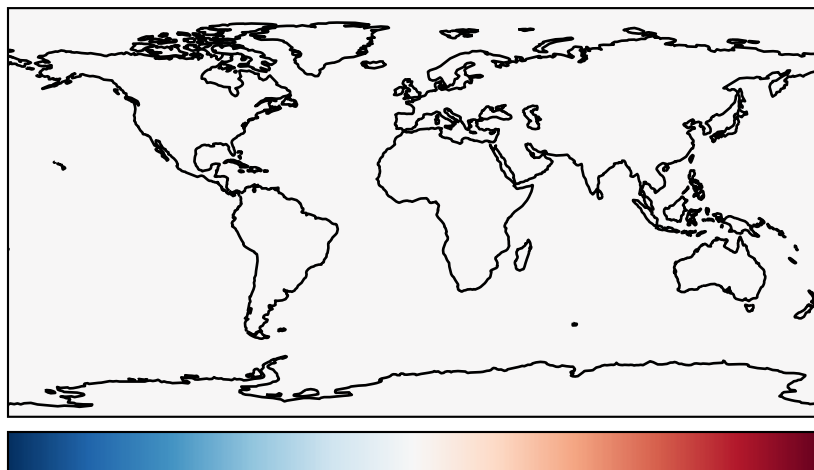
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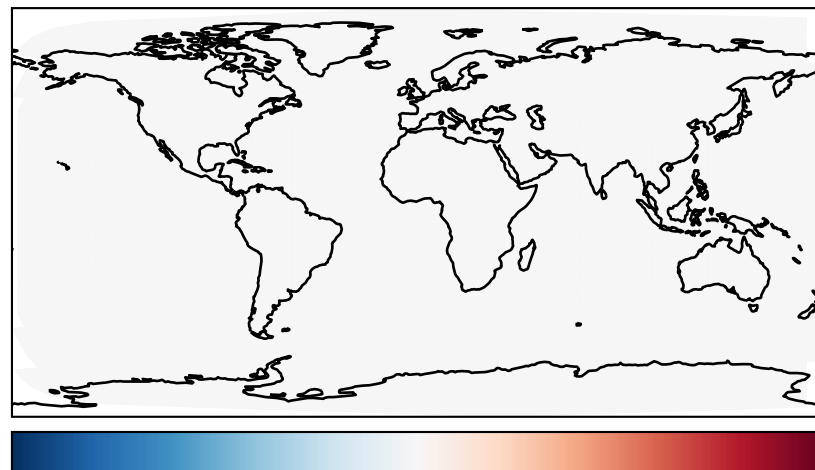


SpeciesConcVV_pFe

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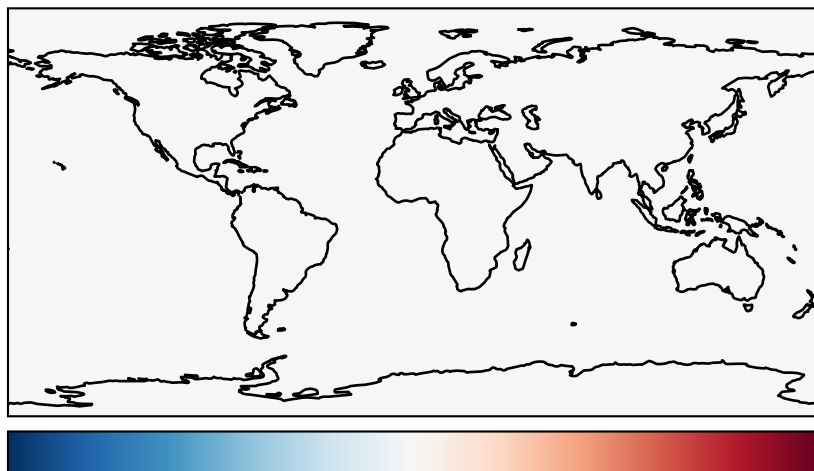


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ppb



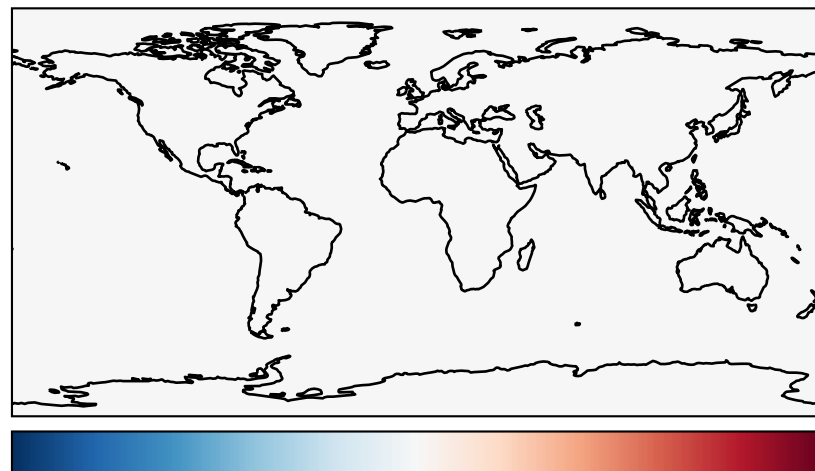
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ppb

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



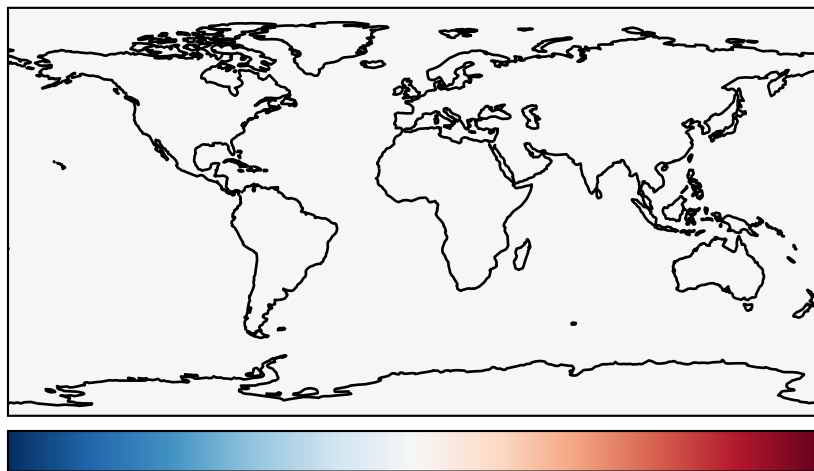
Zero throughout domain
ppb

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



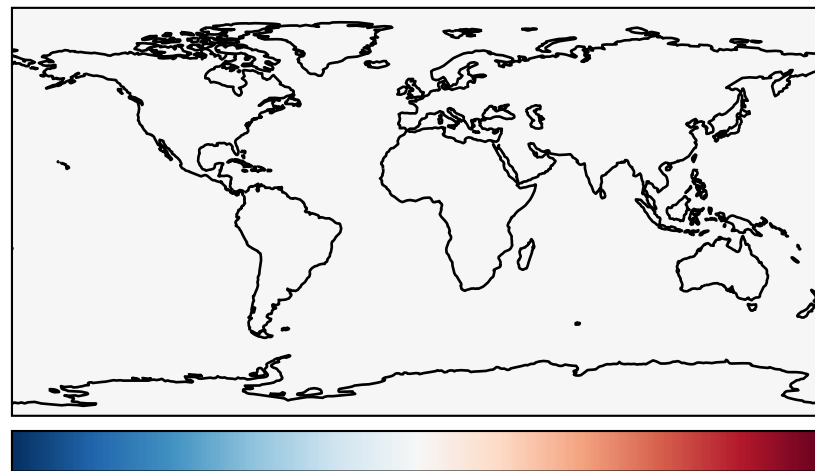
Zero throughout domain
ppb

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



Undefined throughout domain
unitless

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



Undefined throughout domain
unitless