SpeciesConcVV_DST1 (Oct2019)

gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
c24

Undefined throughout domain
ppb

Undefined throughout domain
ppb

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

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

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ppb

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

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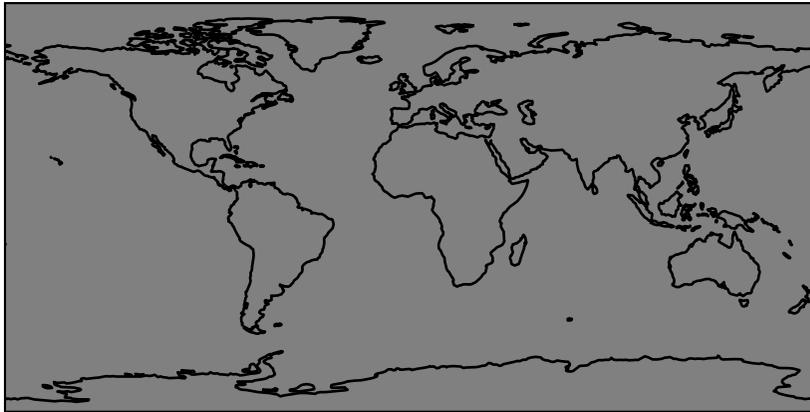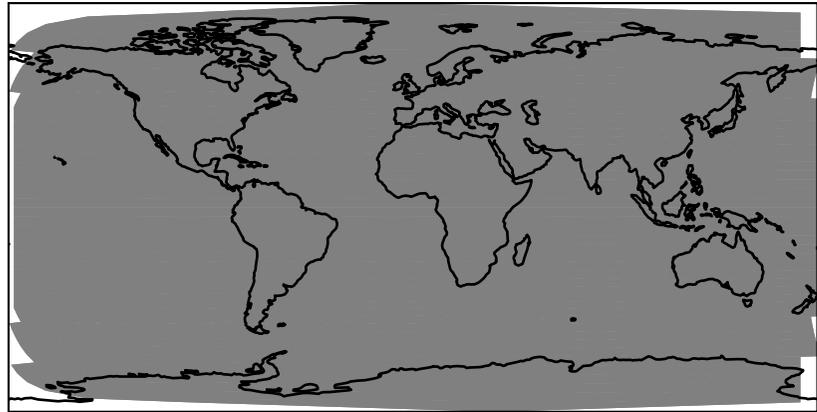Undefined throughout domain
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SpeciesConcVV_DST2 (Oct2019)

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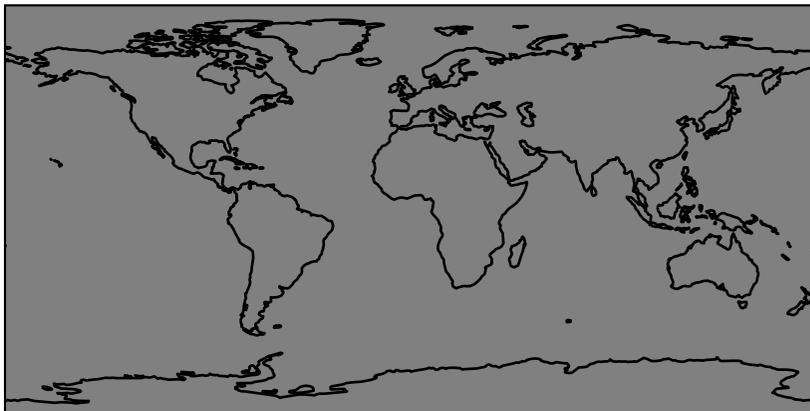4.0x5.0

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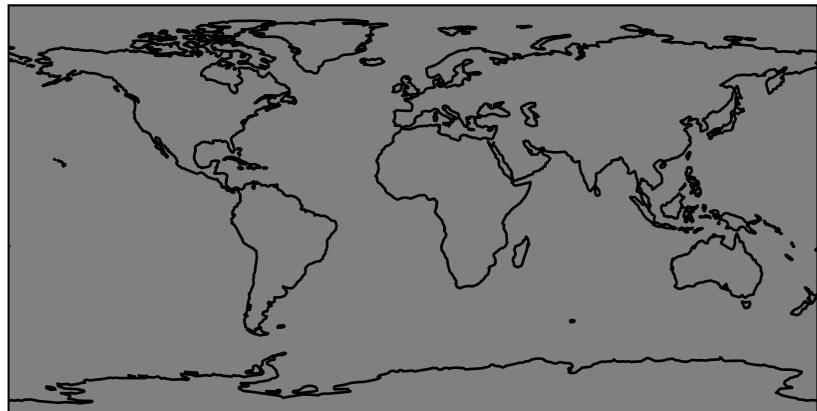gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
c24

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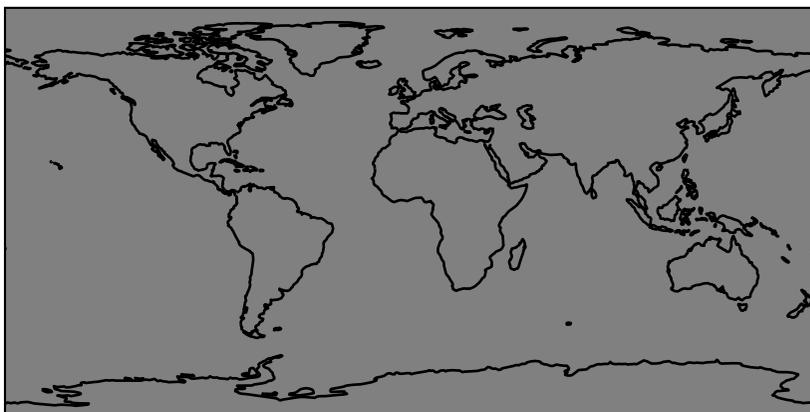Difference (1x1.25)
Dev - Ref, Dynamic Range

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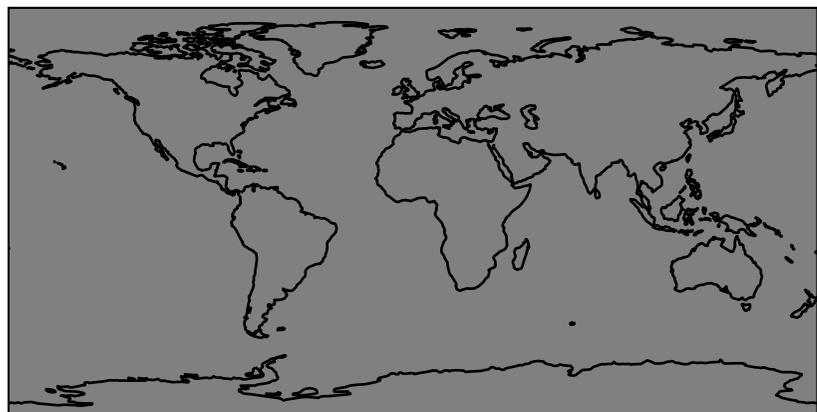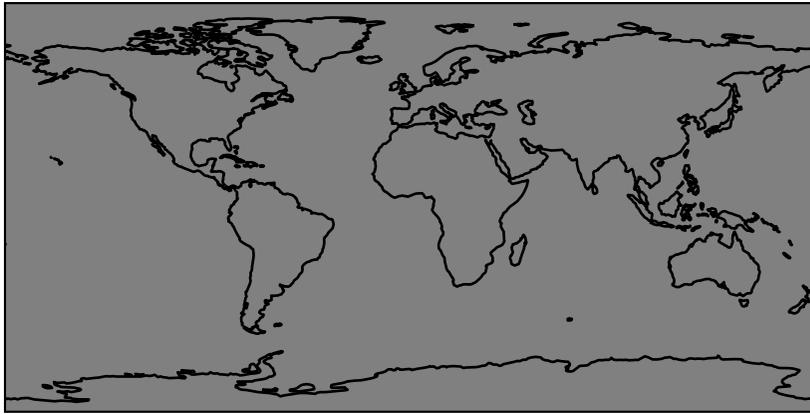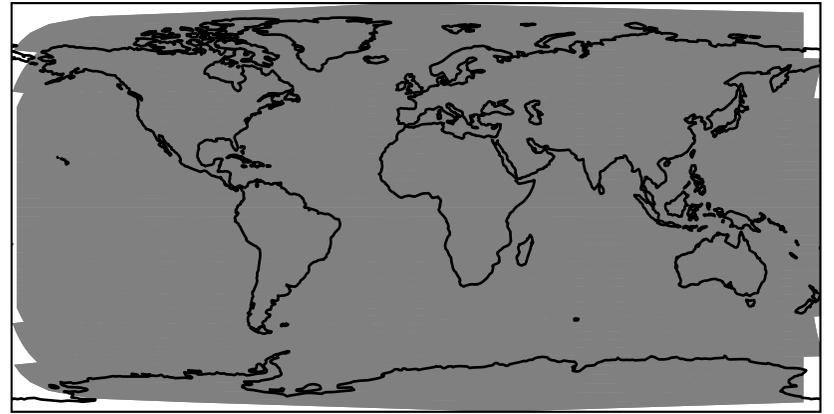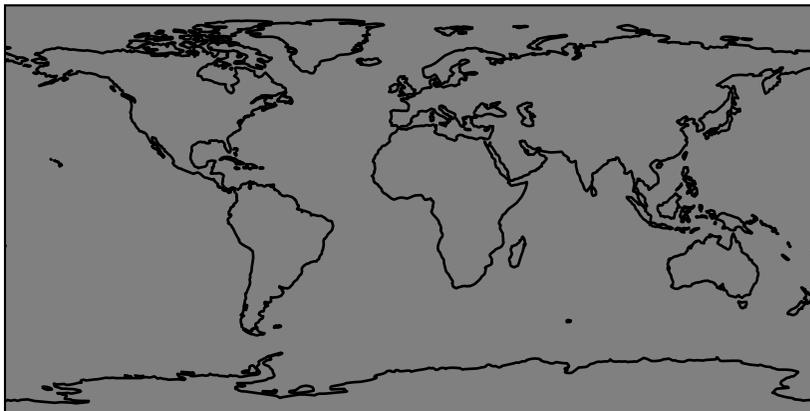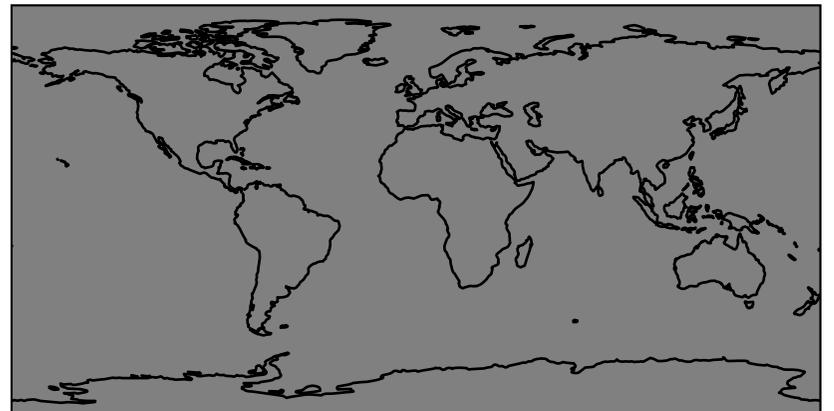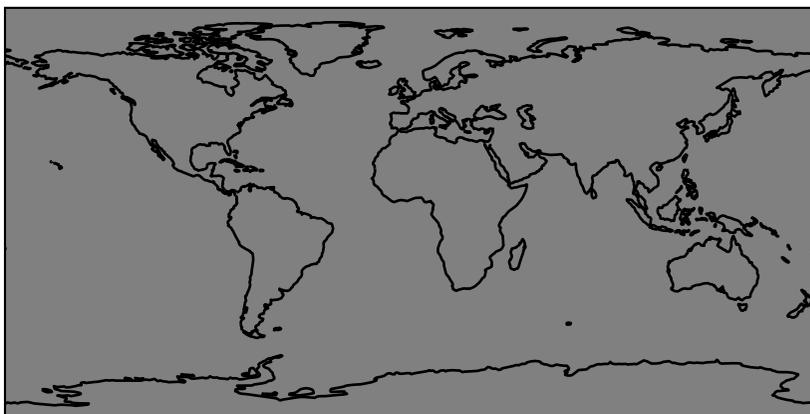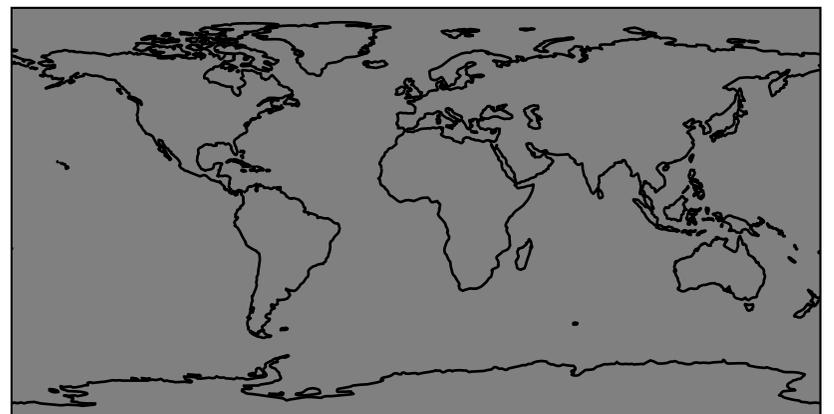Dev - Ref, Restricted Range [5%,95%]

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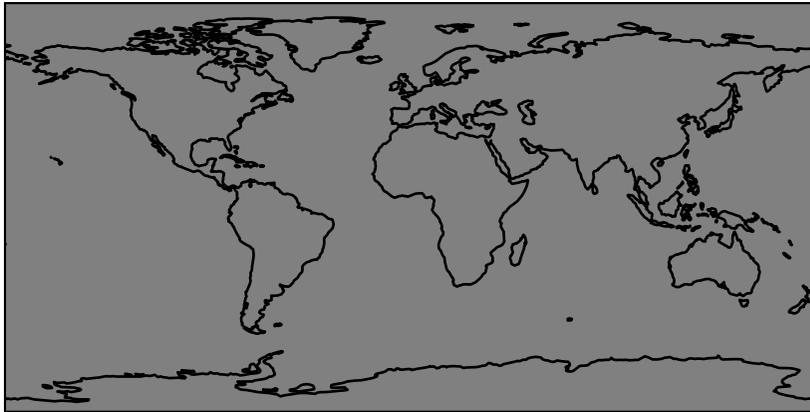GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

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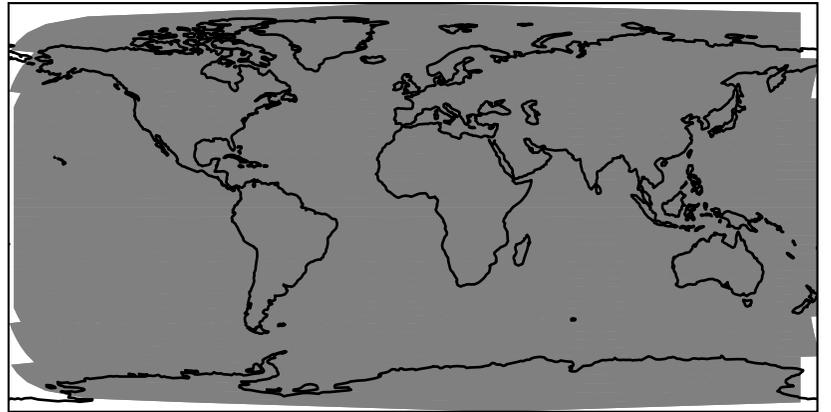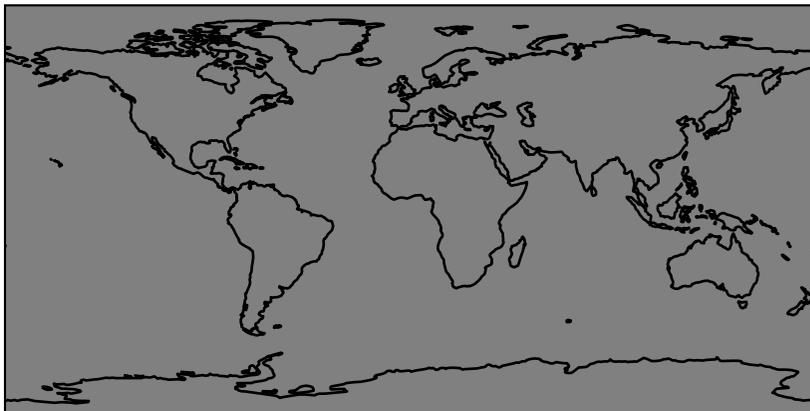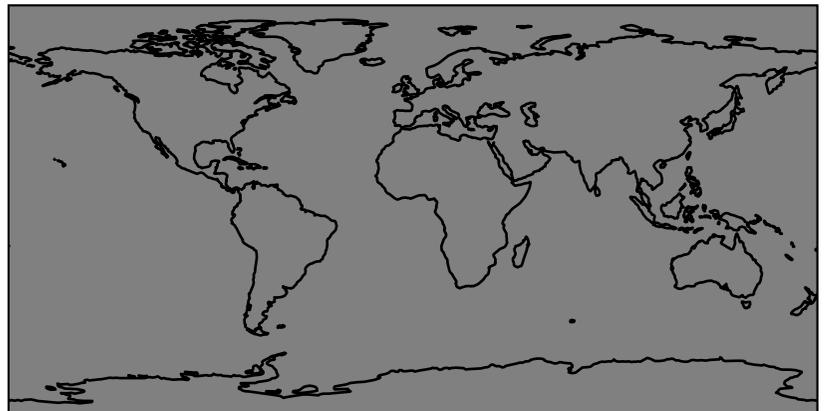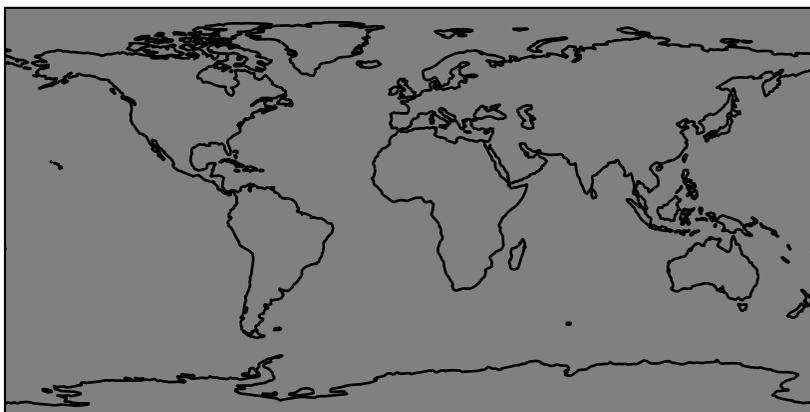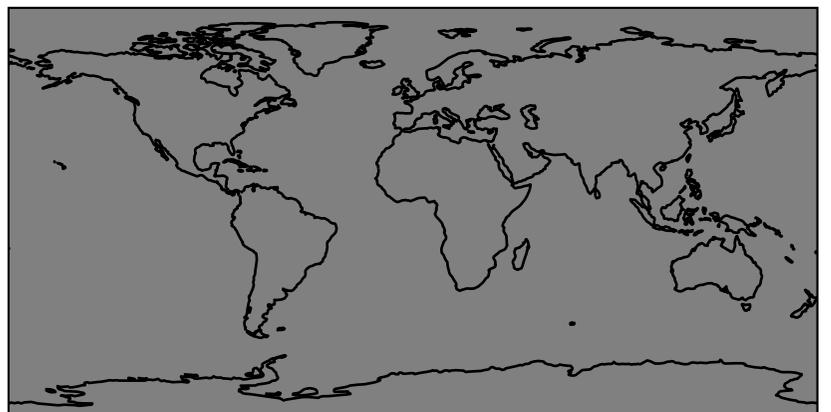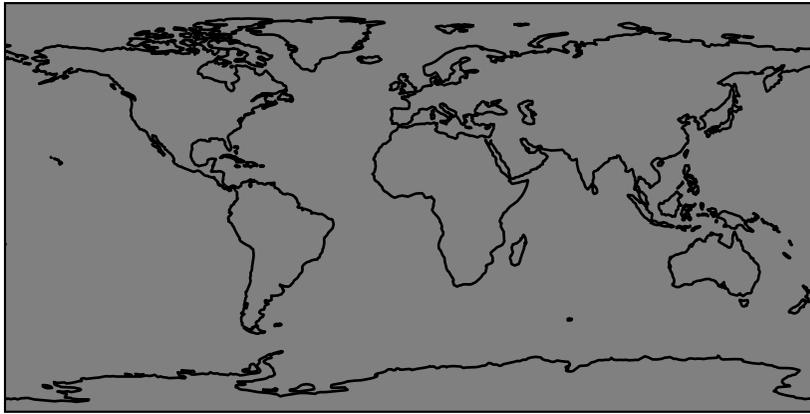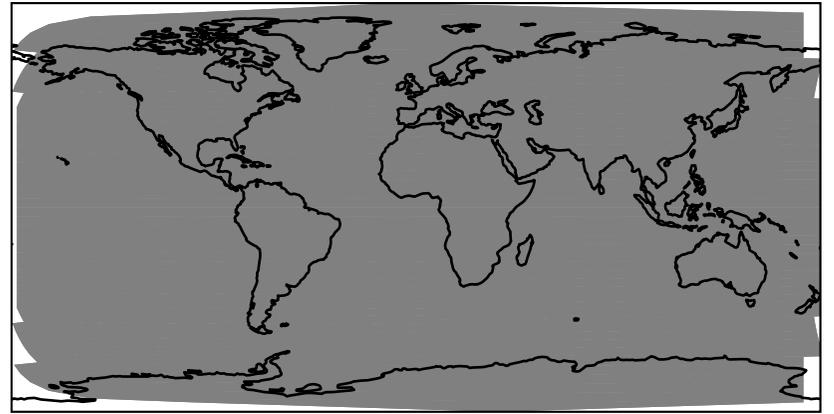

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SpeciesConcVV_DST3 (Oct2019)

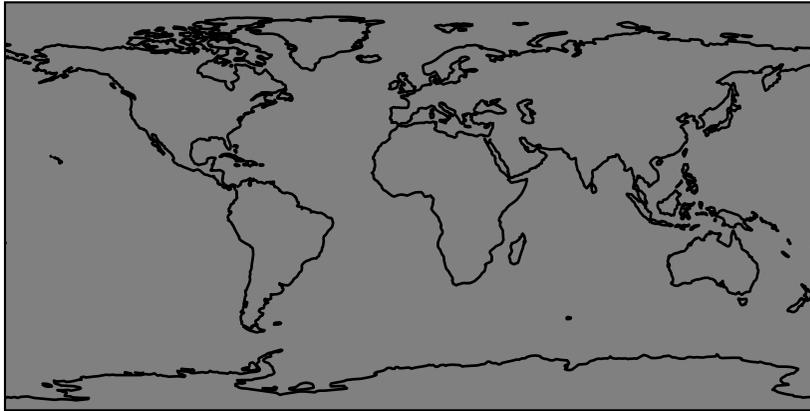gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
4.0x5.0

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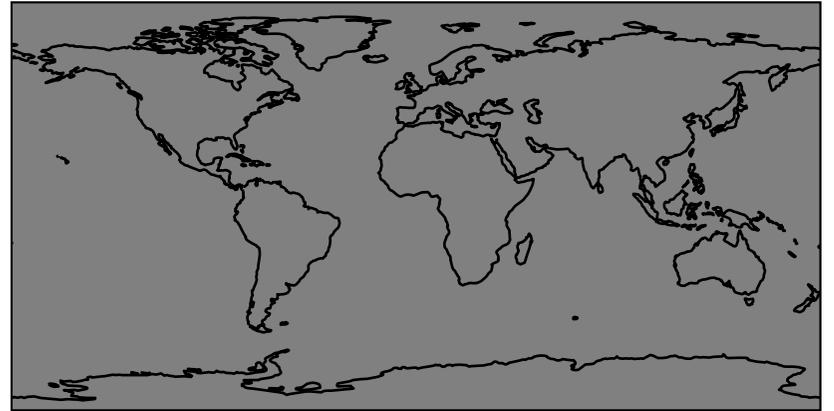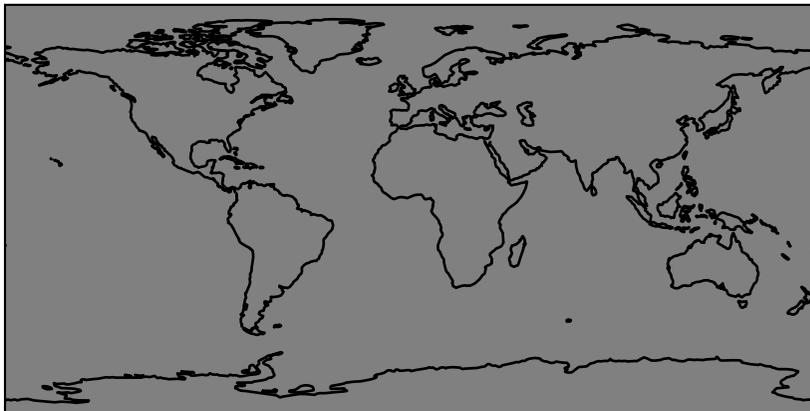gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
c24

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ppb

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

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ppb

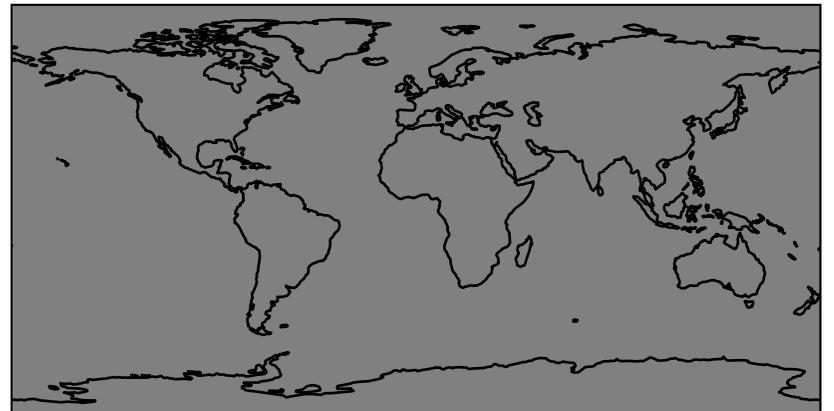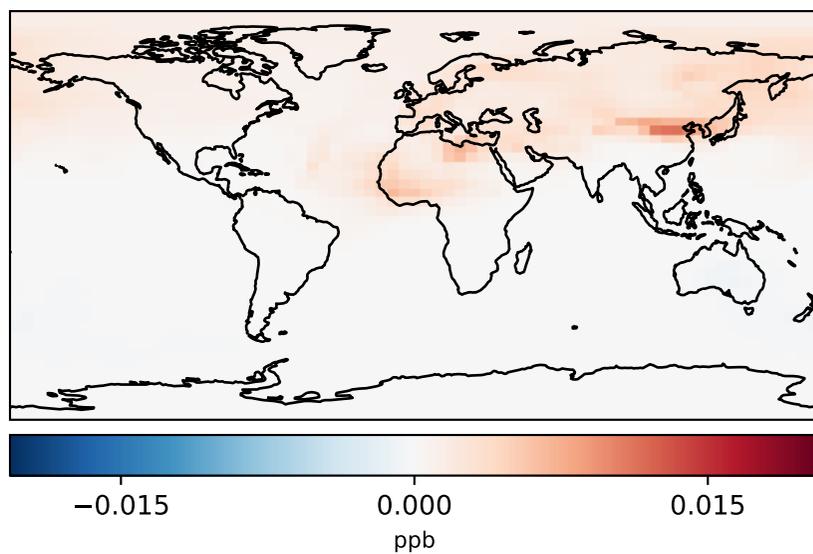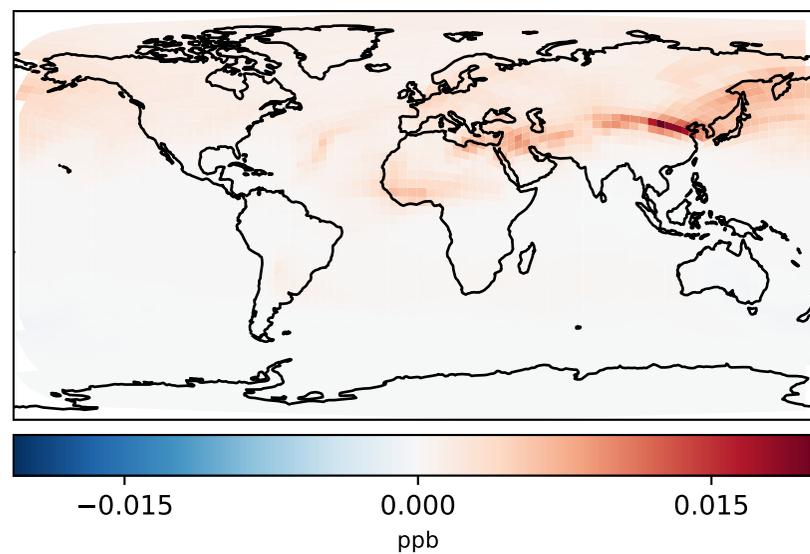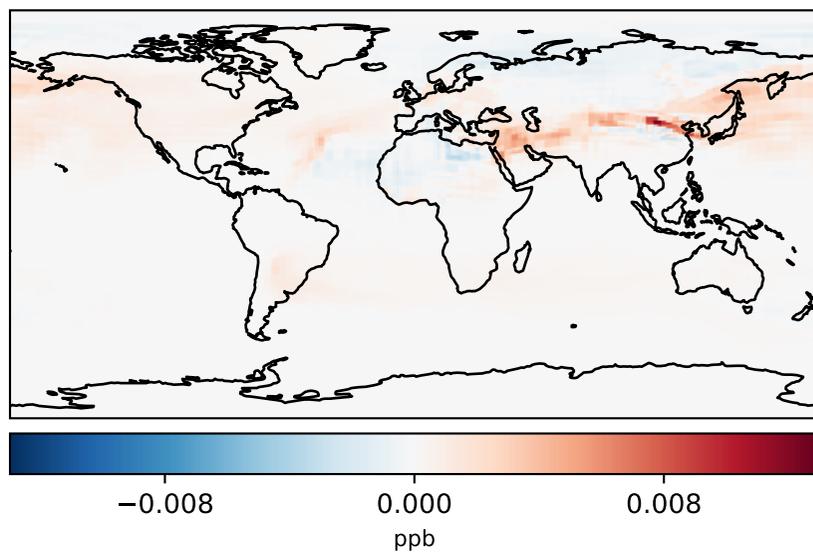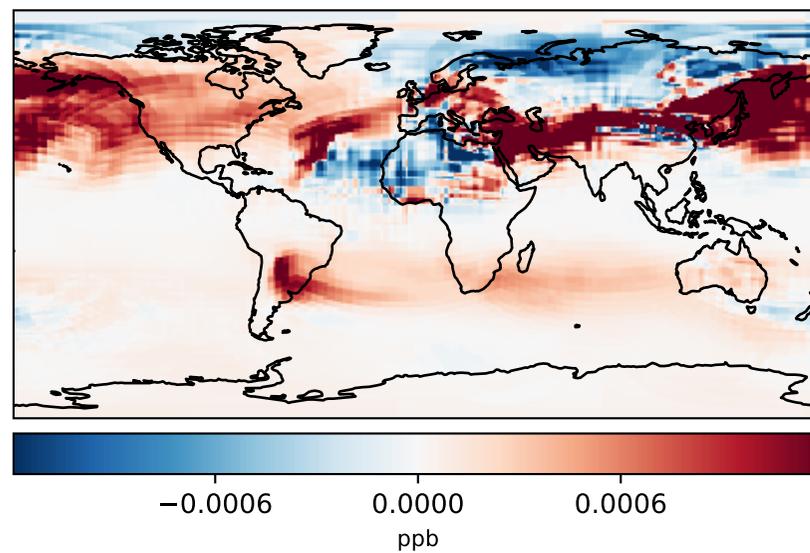Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]

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

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

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SpeciesConcVV_DST4 (Oct2019)

gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
4.0x5.0

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ppb

gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
c24

Undefined throughout domain
ppb

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

Undefined throughout domain
ppb

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

Undefined throughout domain
ppb

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

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

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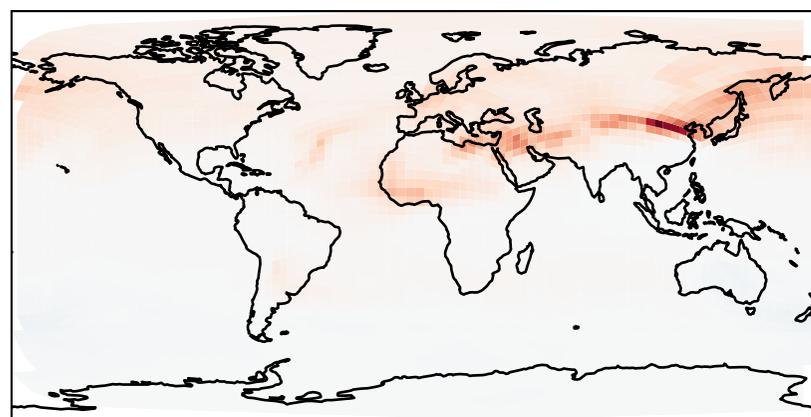# SpeciesConcVV_DSTbin1 (Oct2019)

gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
c24

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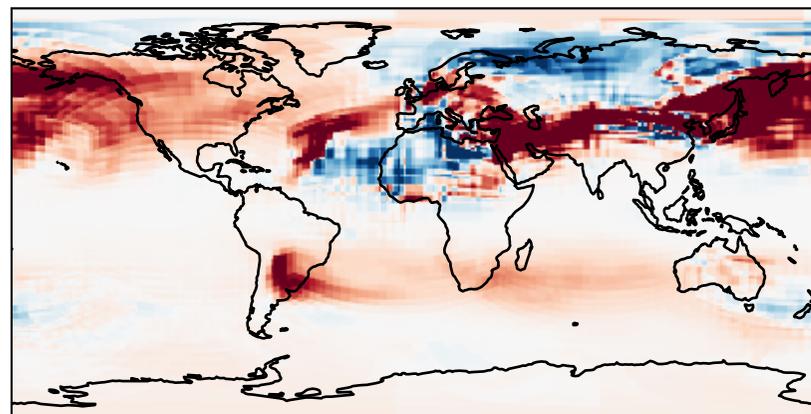Dev - Ref, Dynamic Range

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

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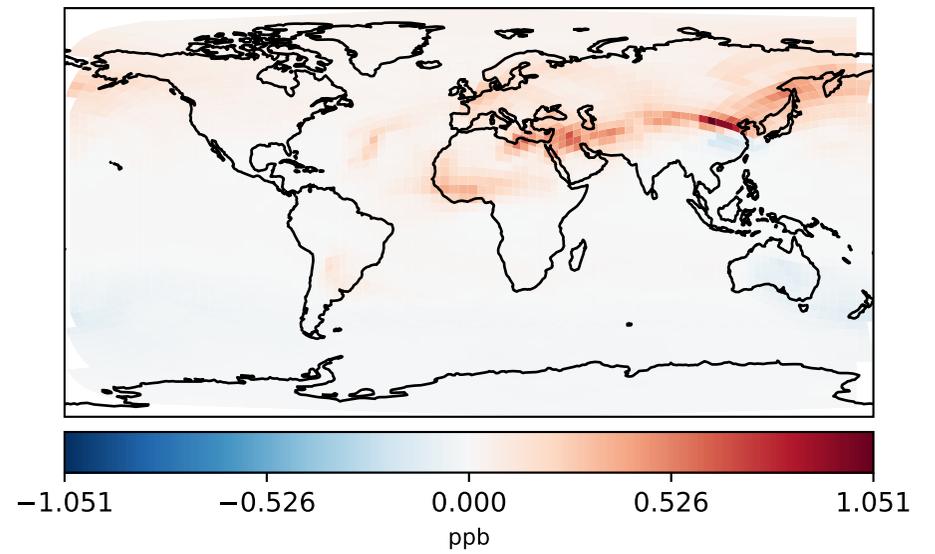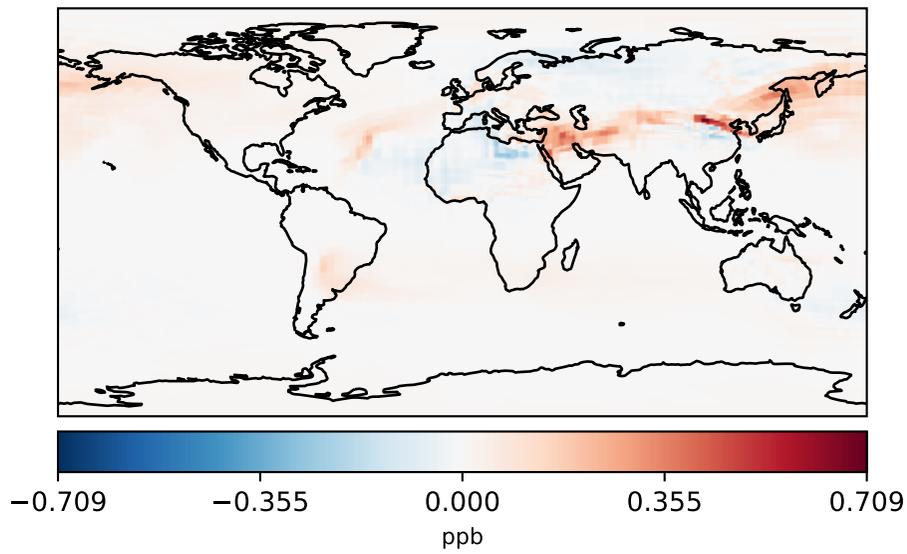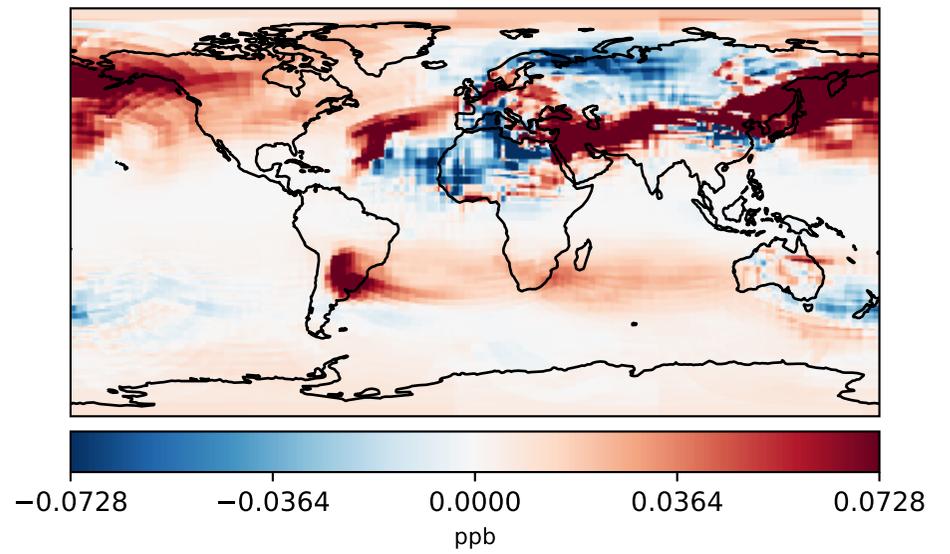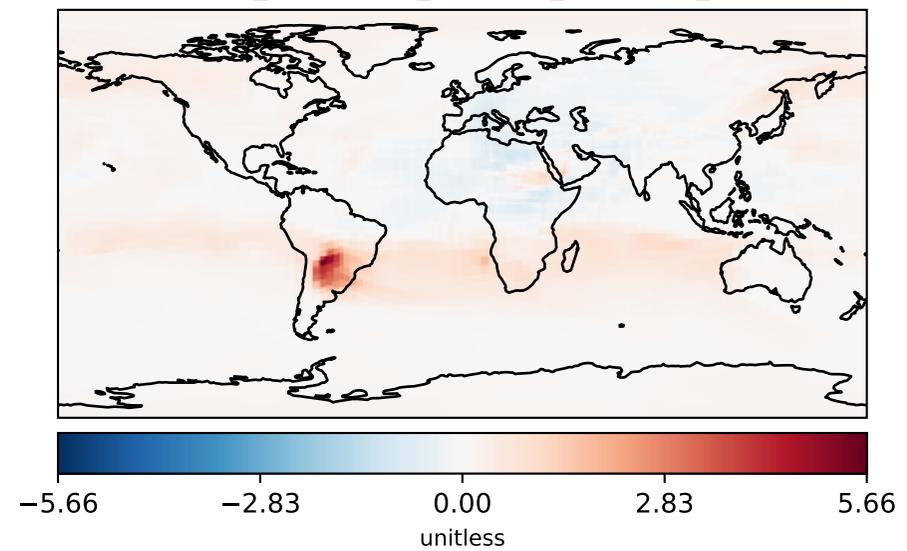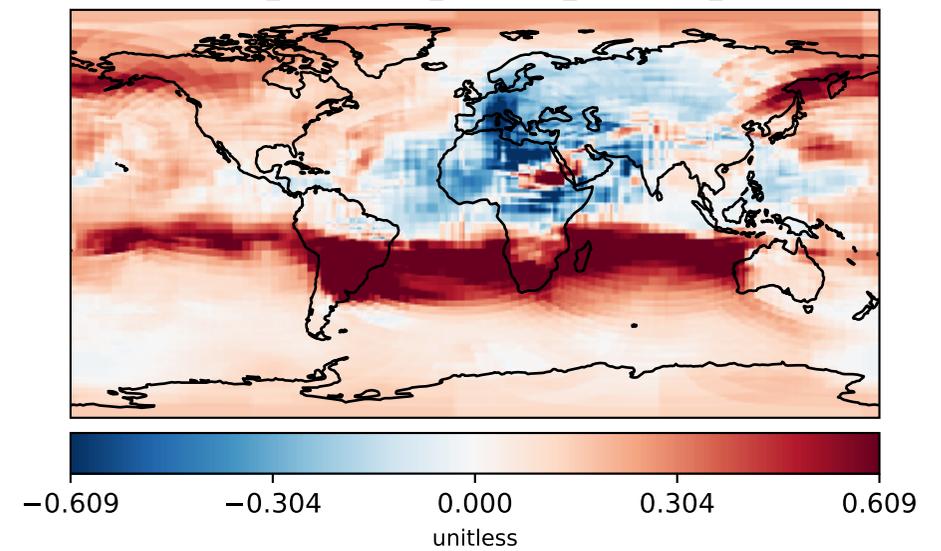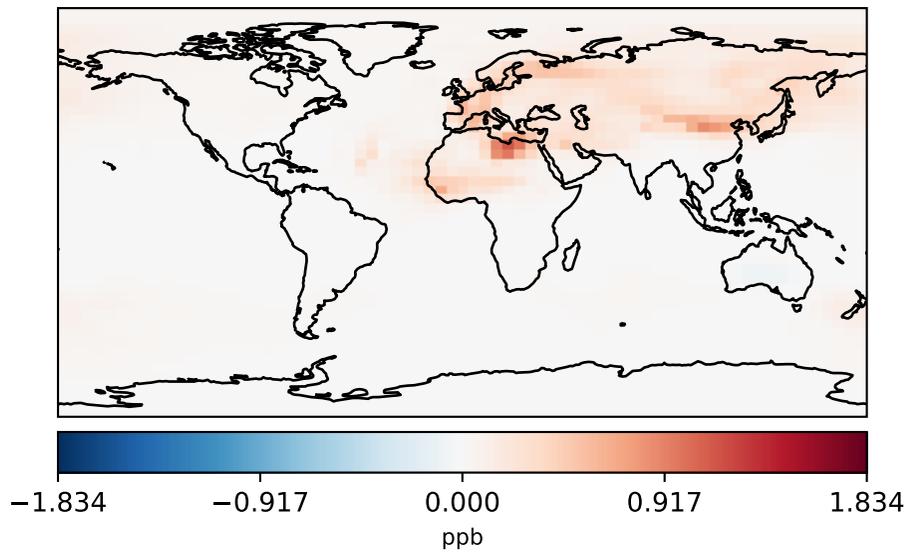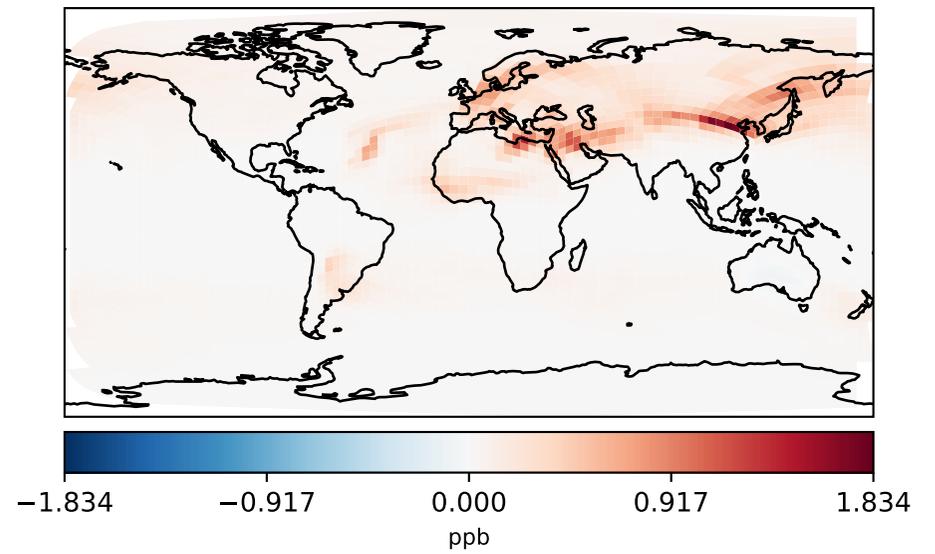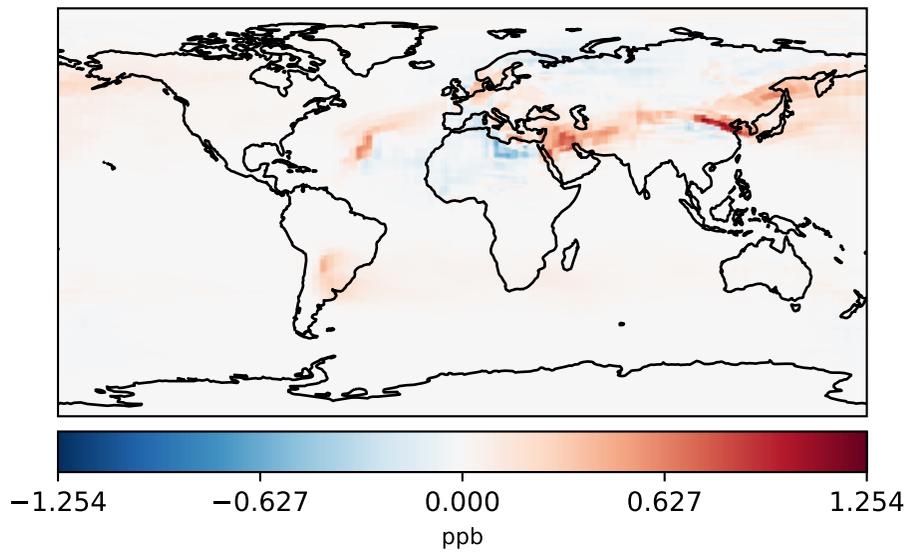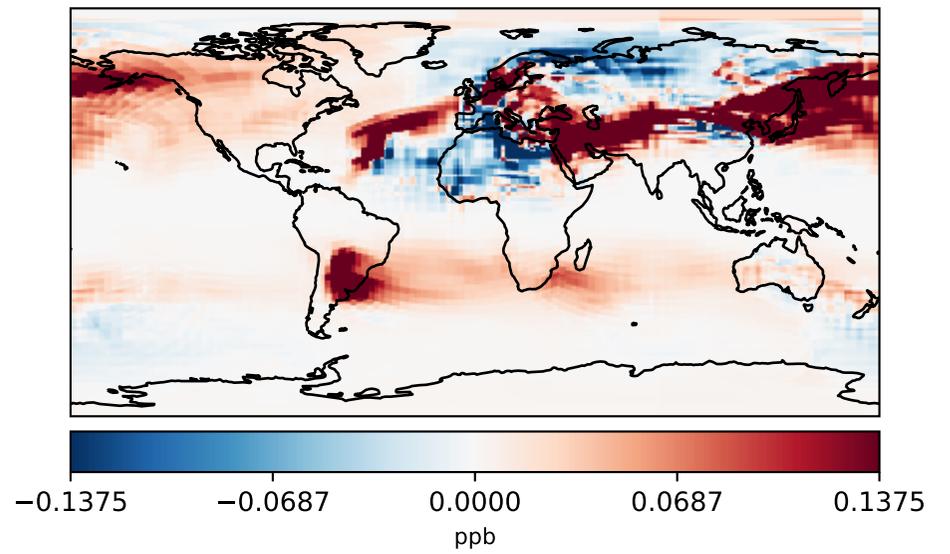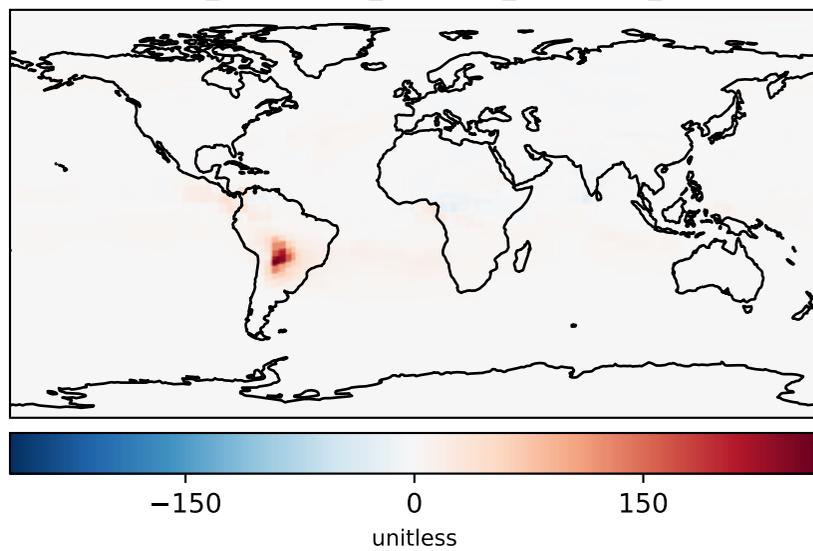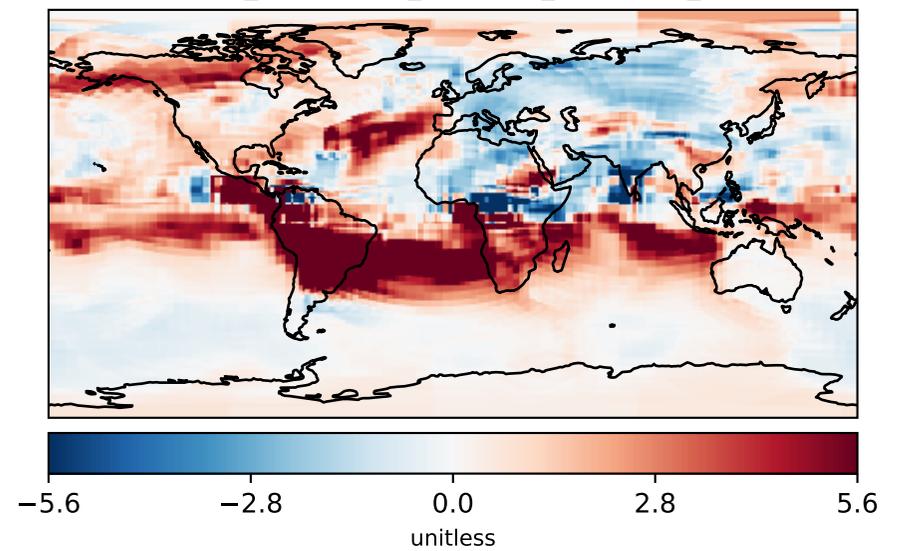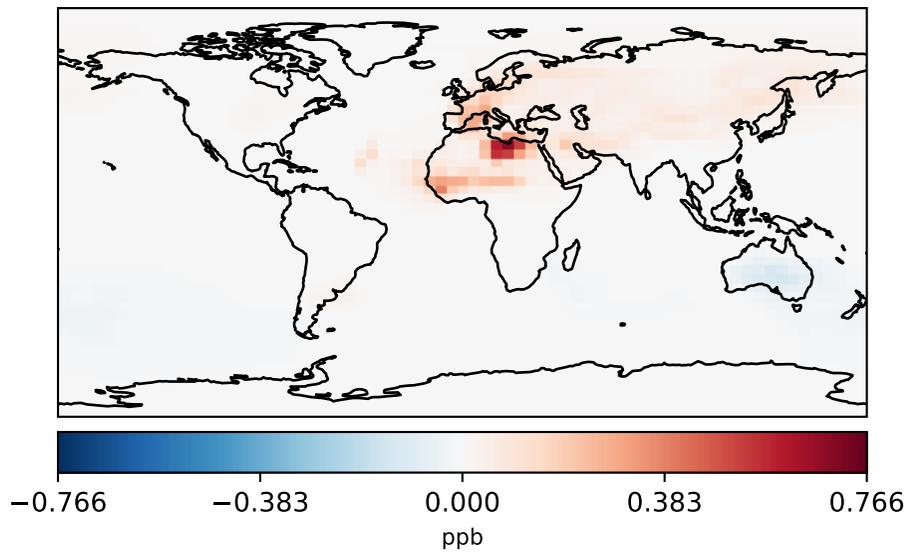GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

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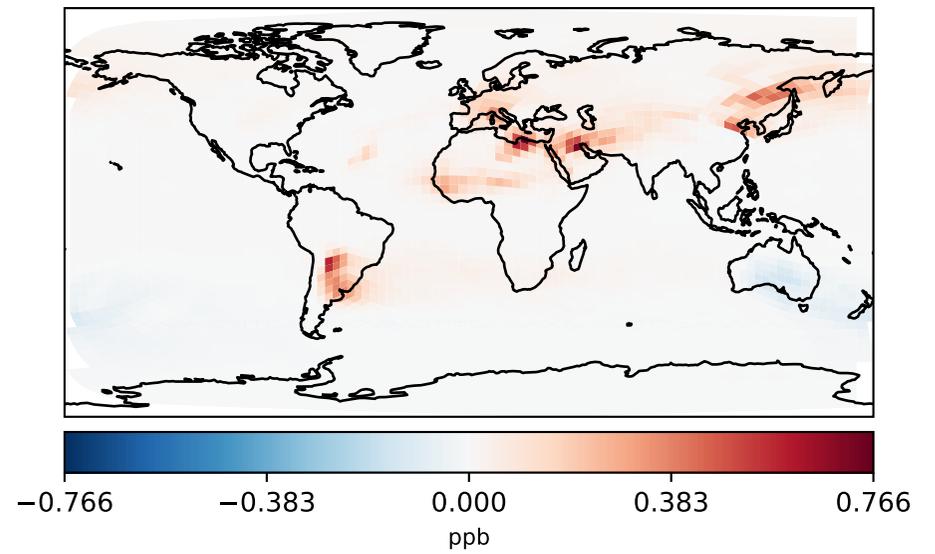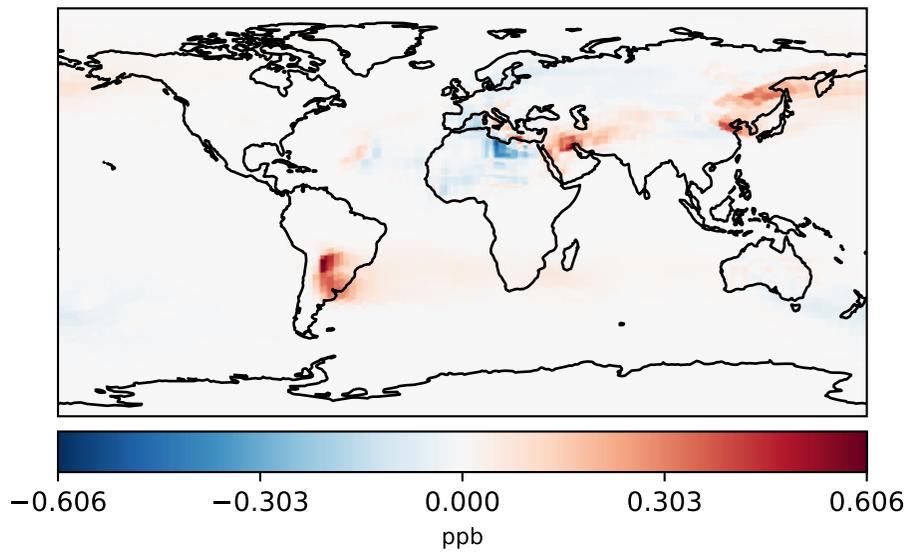GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

SpeciesConcVV_DSTbin2 (Oct2019)

SpeciesConcVV_DSTbin3 (Oct2019)

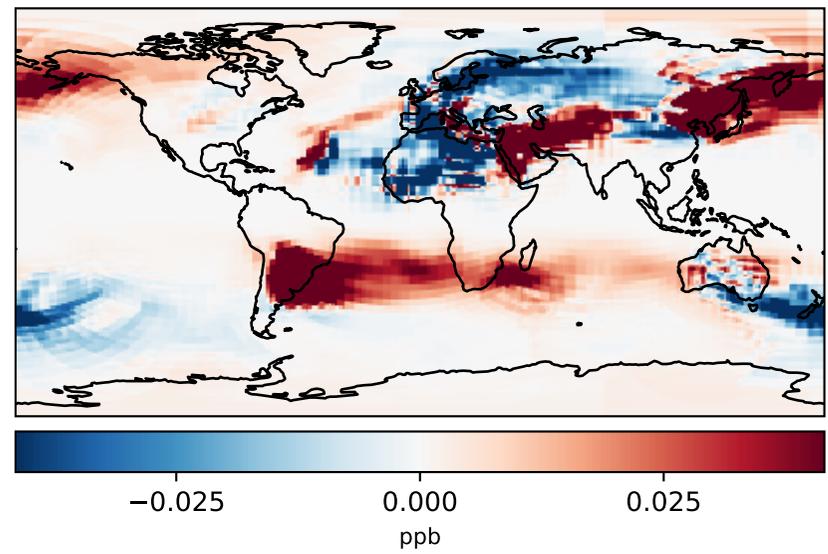

gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
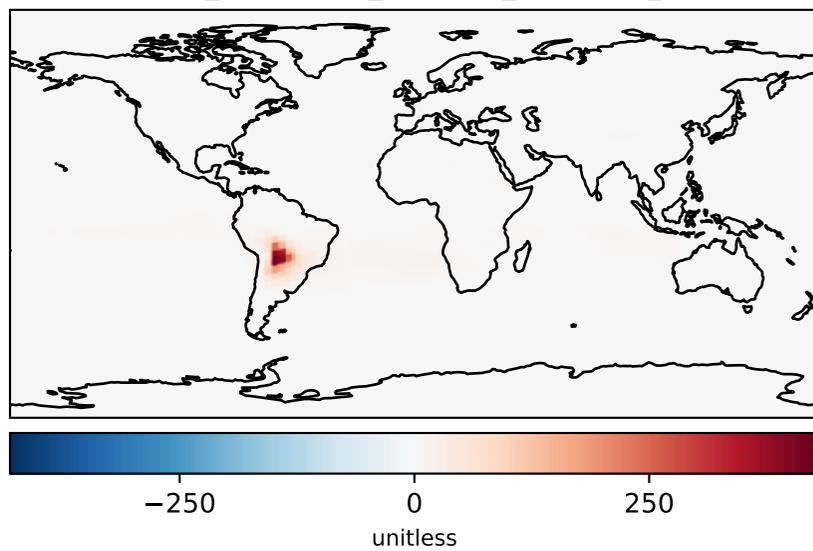4.0x5.0
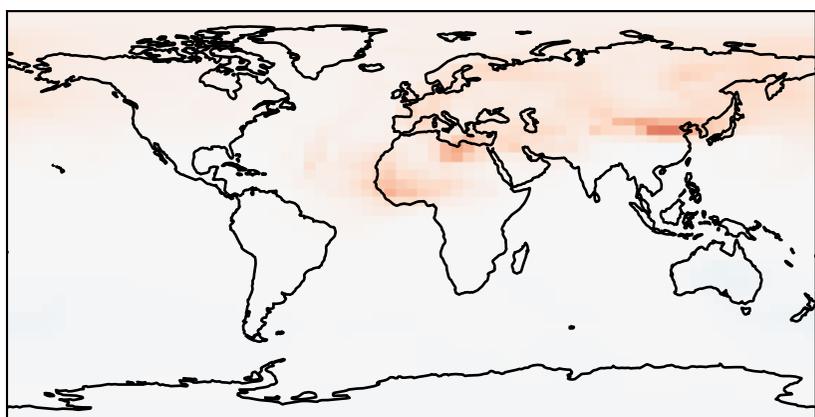
gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
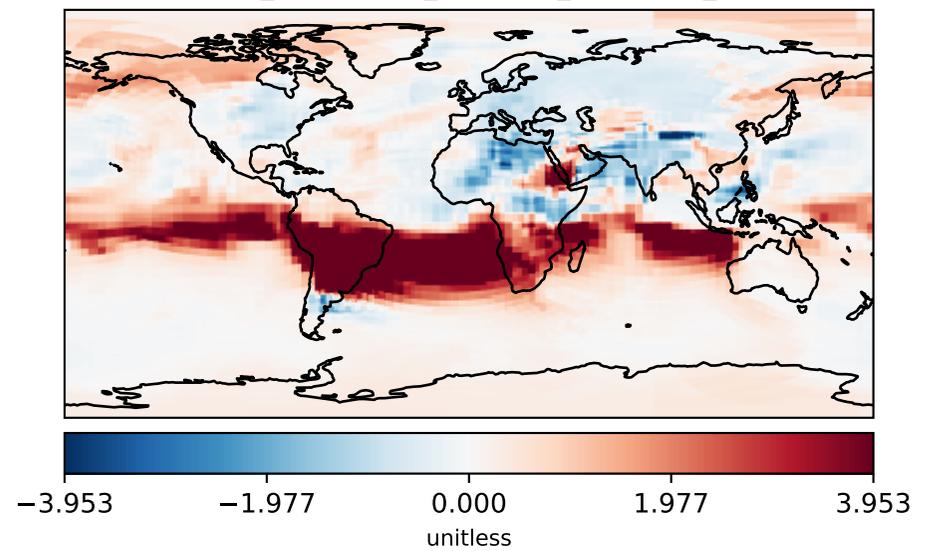c24
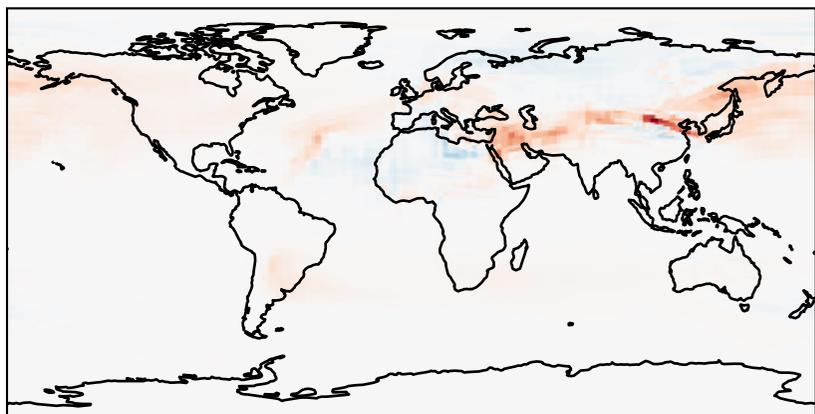
Difference (1x1.25)
Dev - Ref, Dynamic Range

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

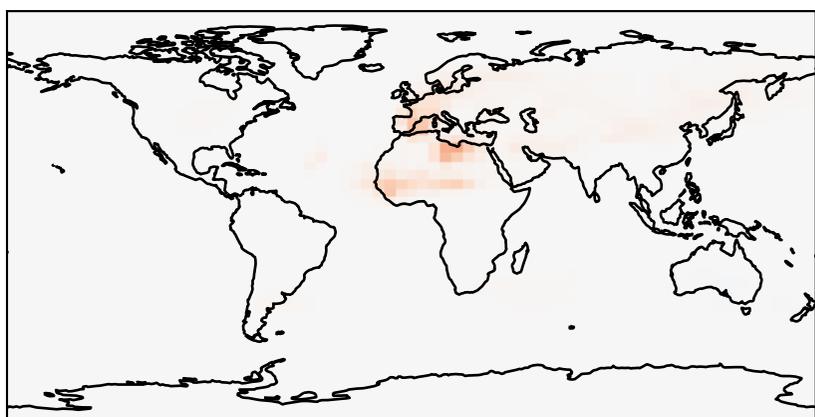Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref
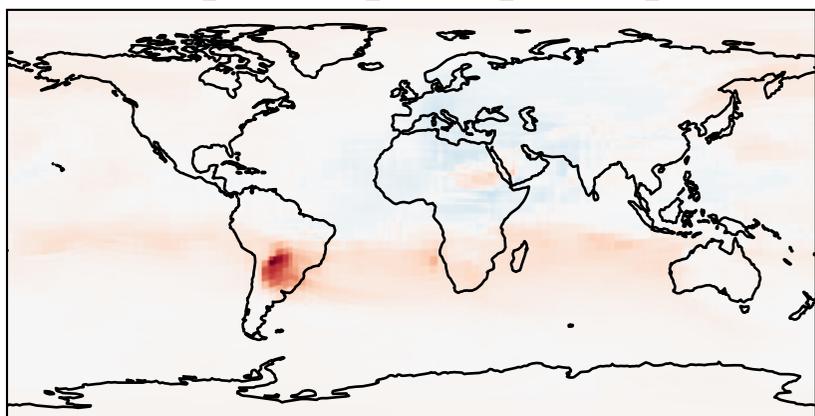
Difference (1x1.25), Restricted Range [5%,95%]
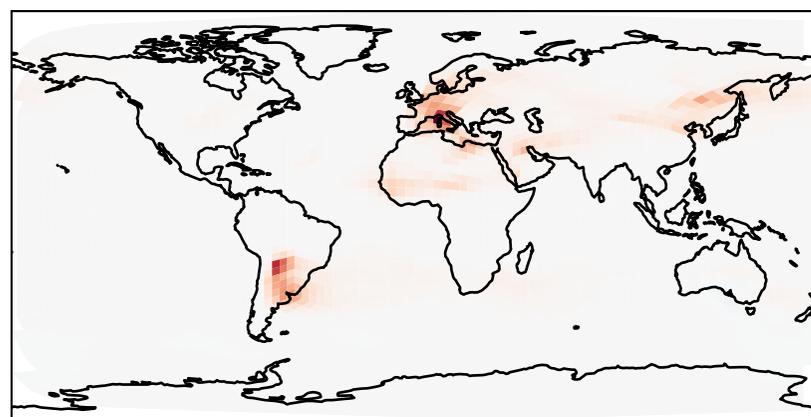GCHP_dev / GCHP_ref - GCC_dev / GCC_ref
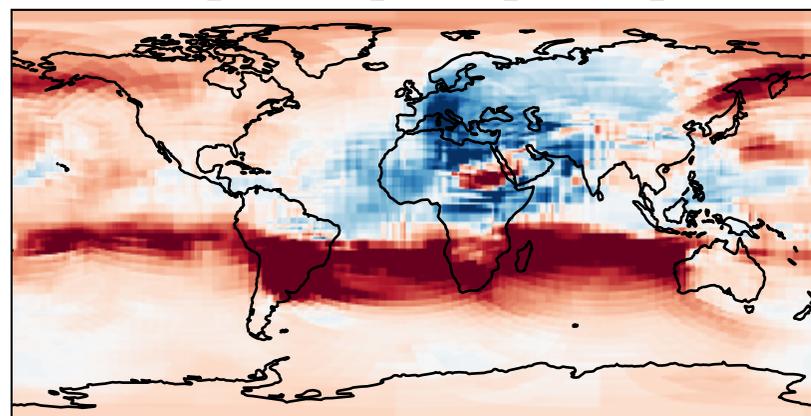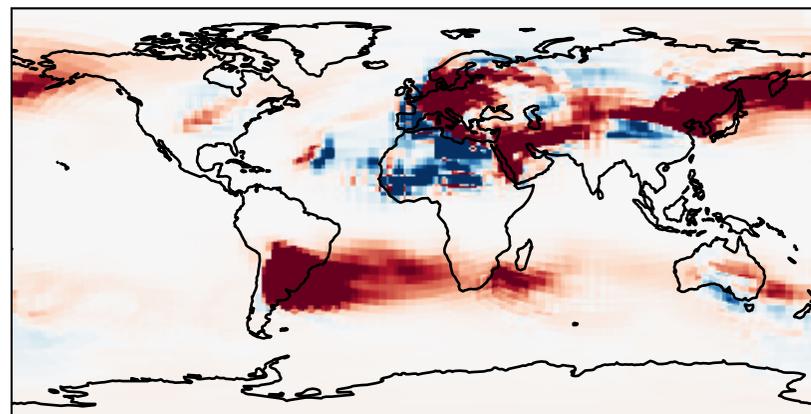
SpeciesConcVV_DSTbin4 (Oct2019)
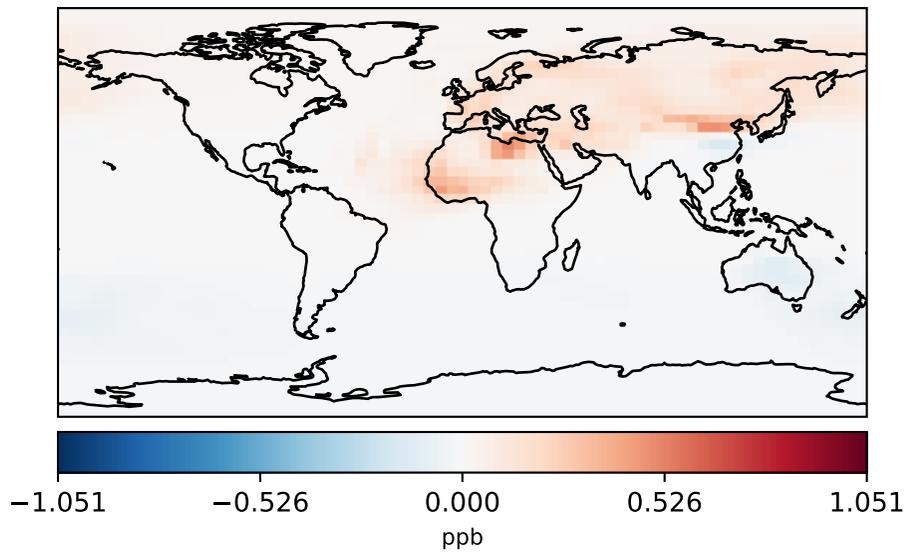
SpeciesConcVV_DSTbin5 (Oct2019)

SpeciesConcVV_DSTbin6 (Oct2019)

gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
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Difference (1x1.25)
Dev - Ref, Dynamic Range
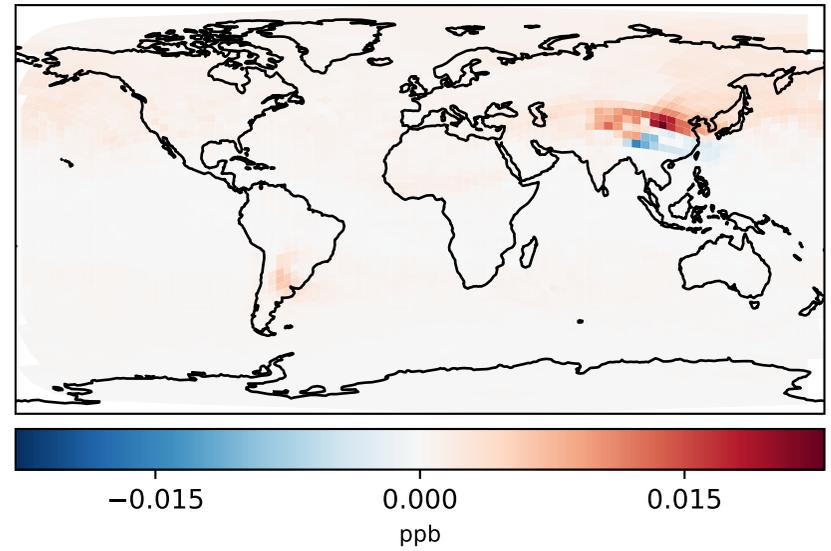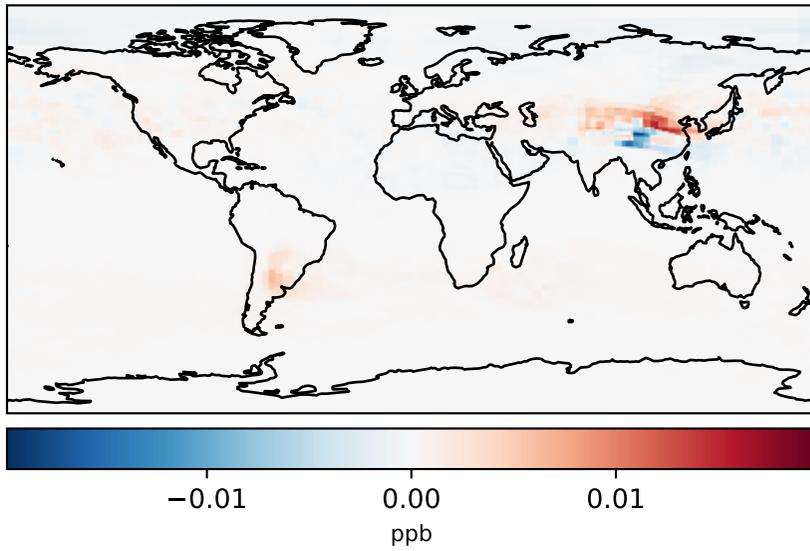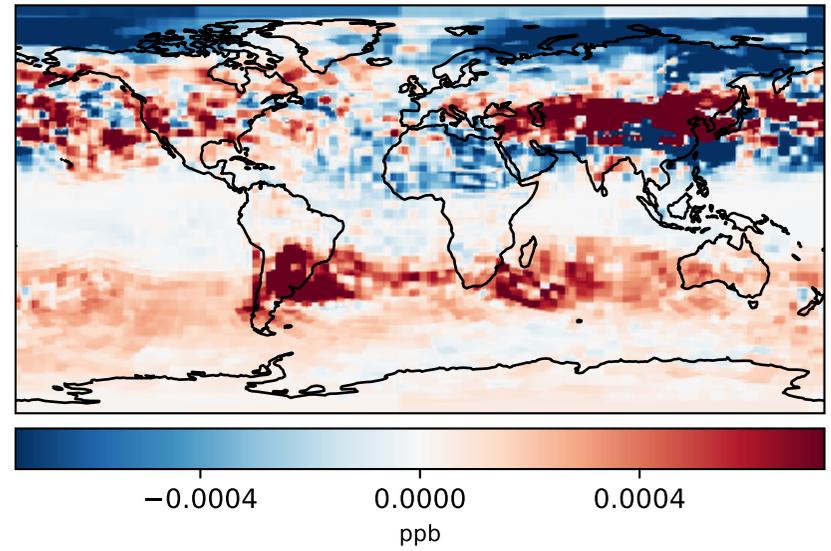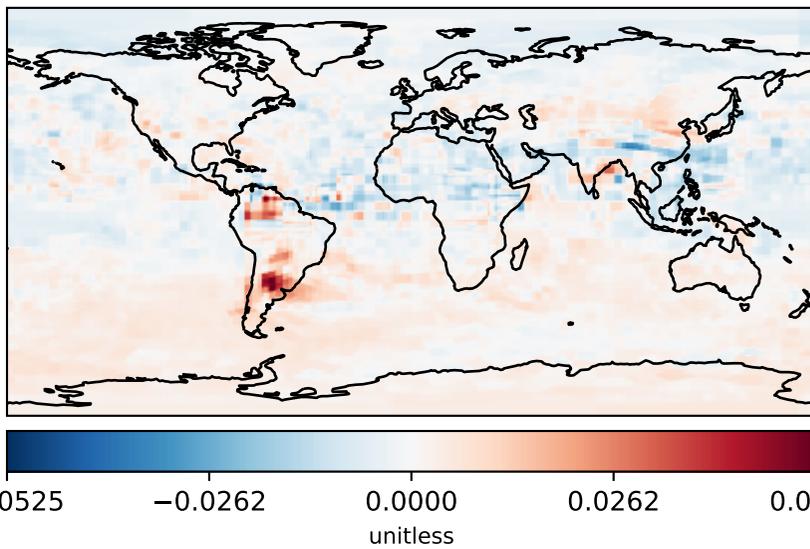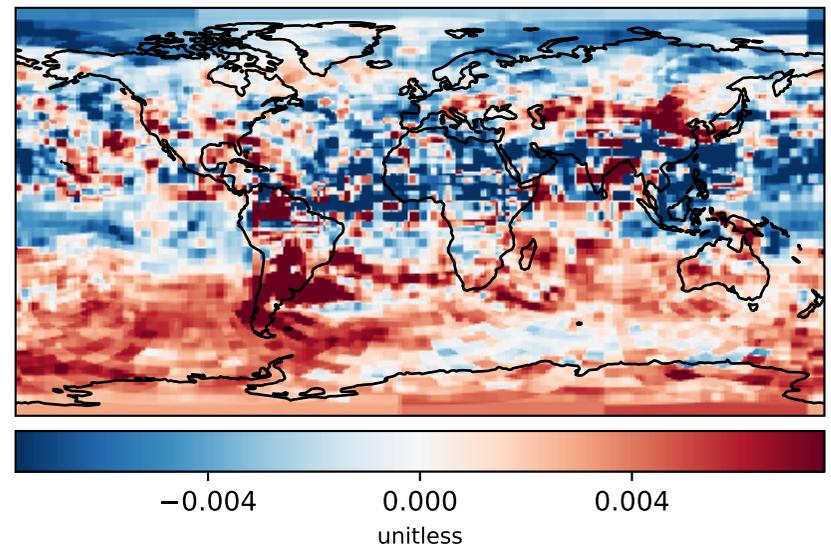
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]

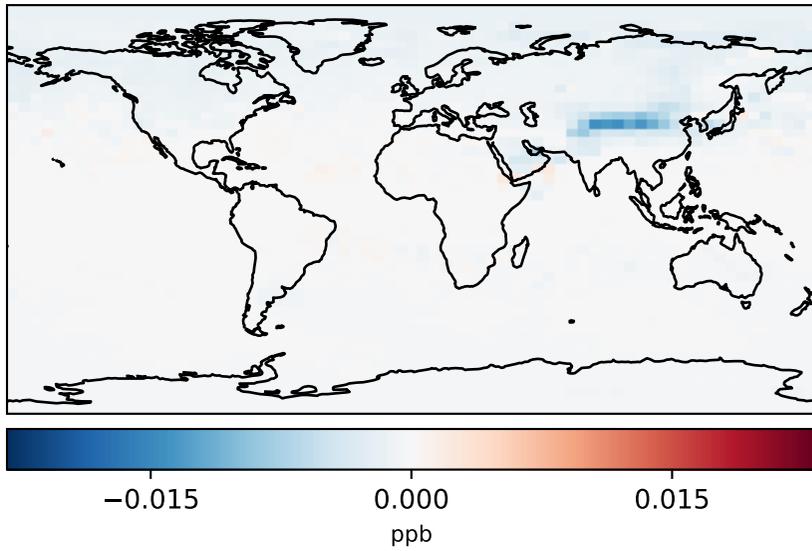Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

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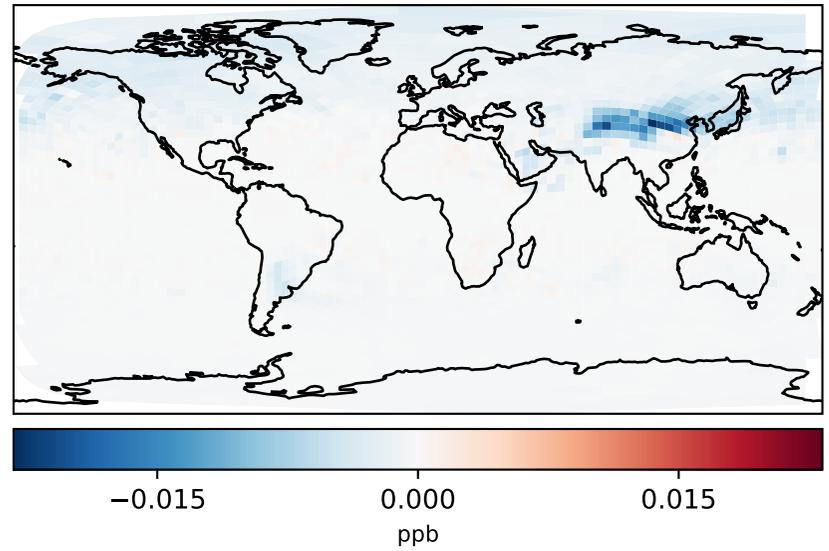GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

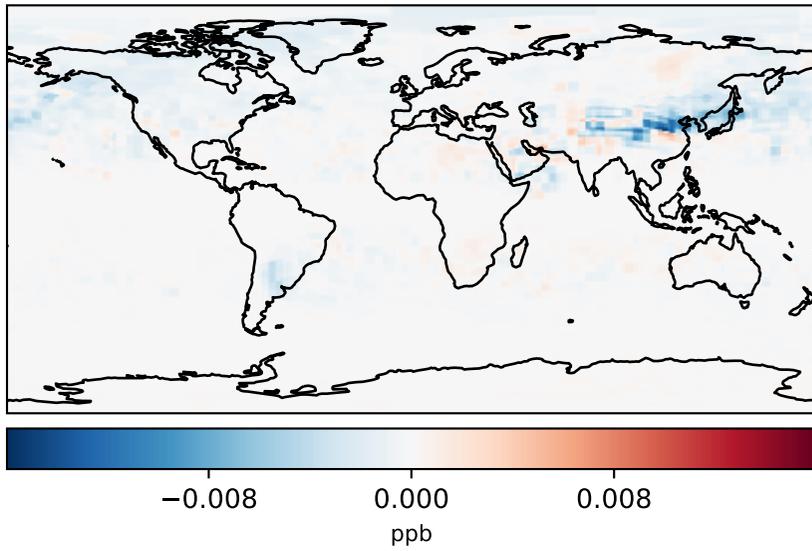SpeciesConcVV_DSTbin7 (Oct2019)
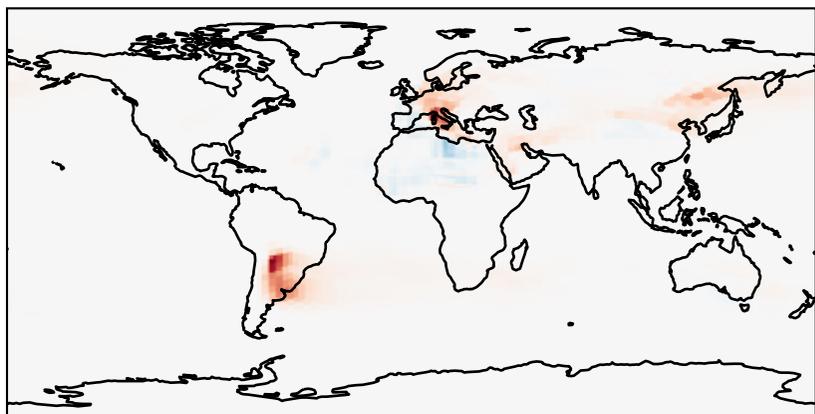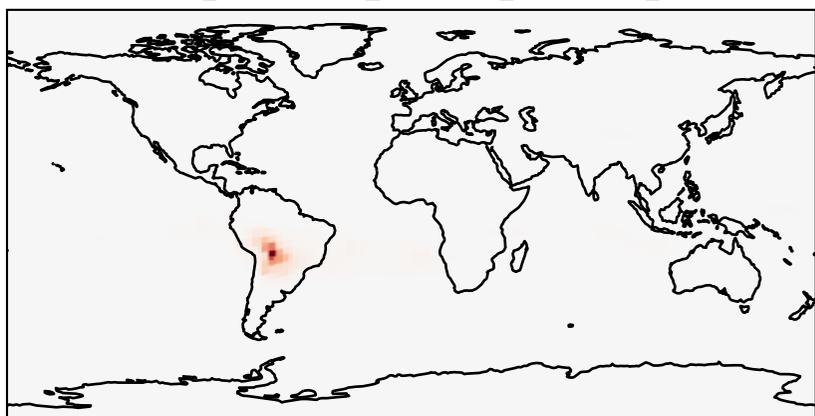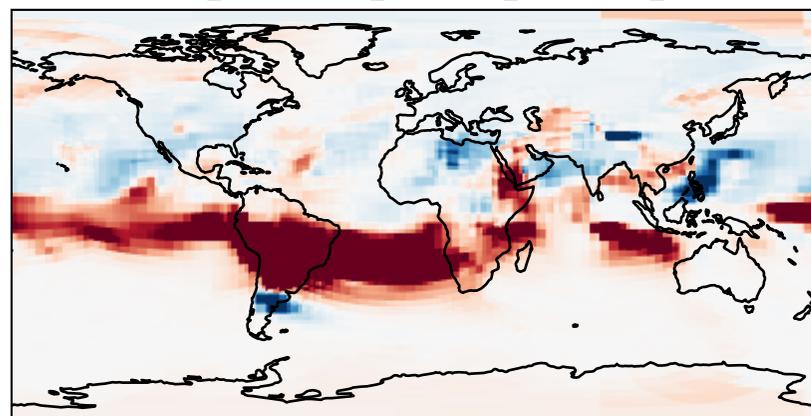
SpeciesConcVV_NH4 (Oct2019)

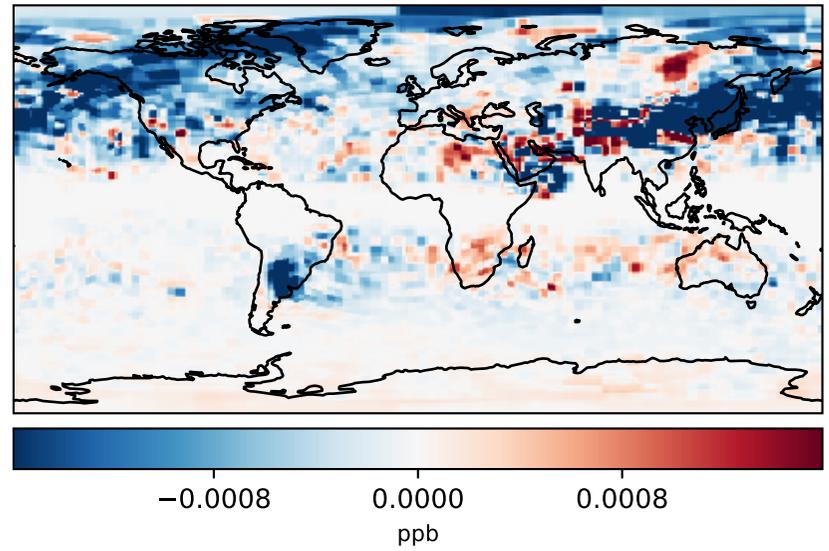gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
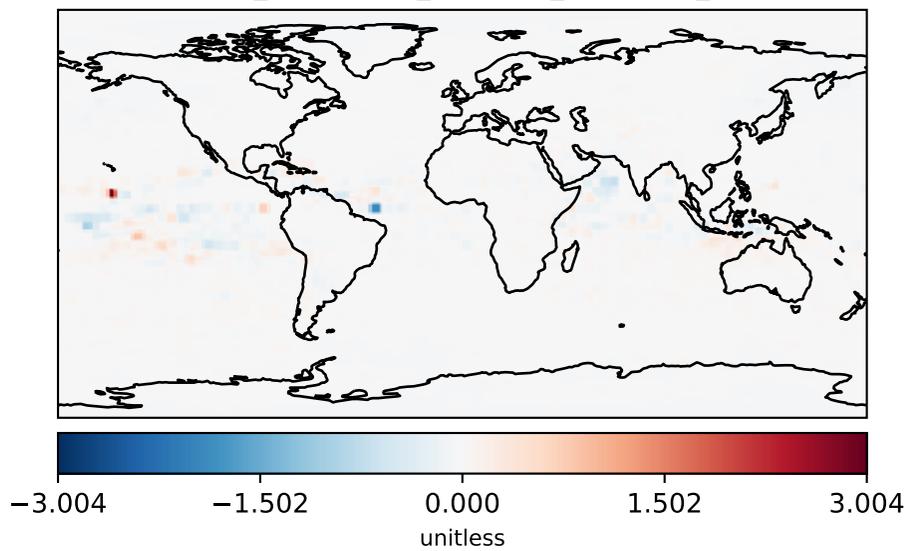4.0x5.0
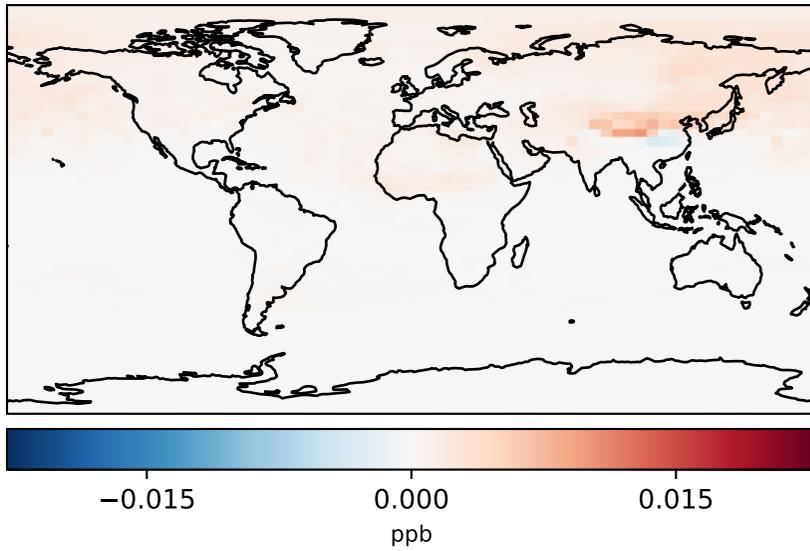
gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
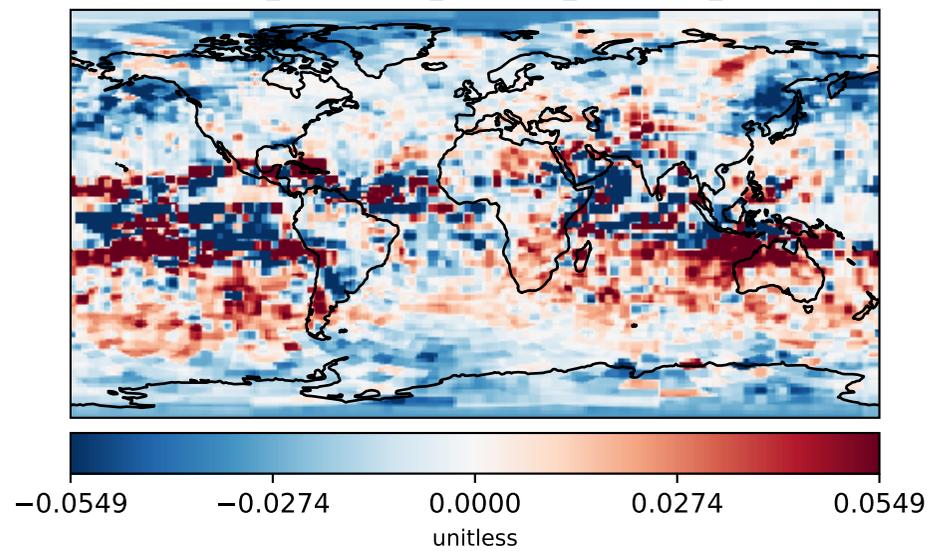c24

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

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

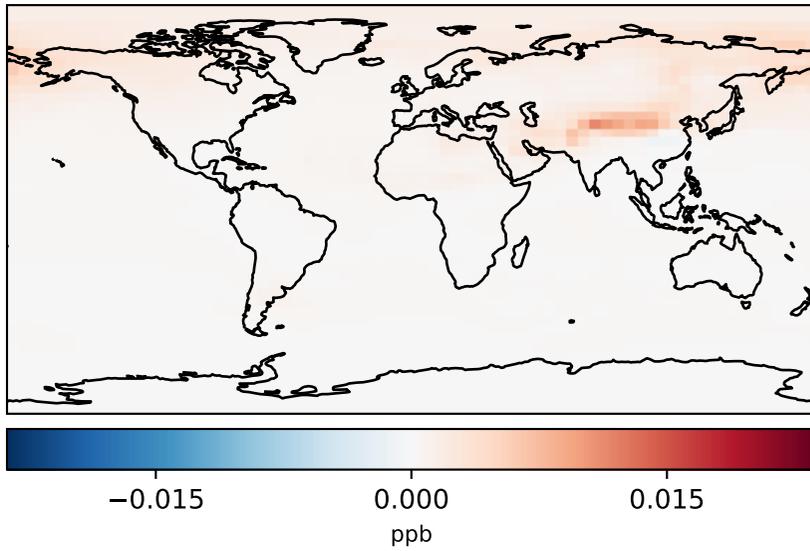Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

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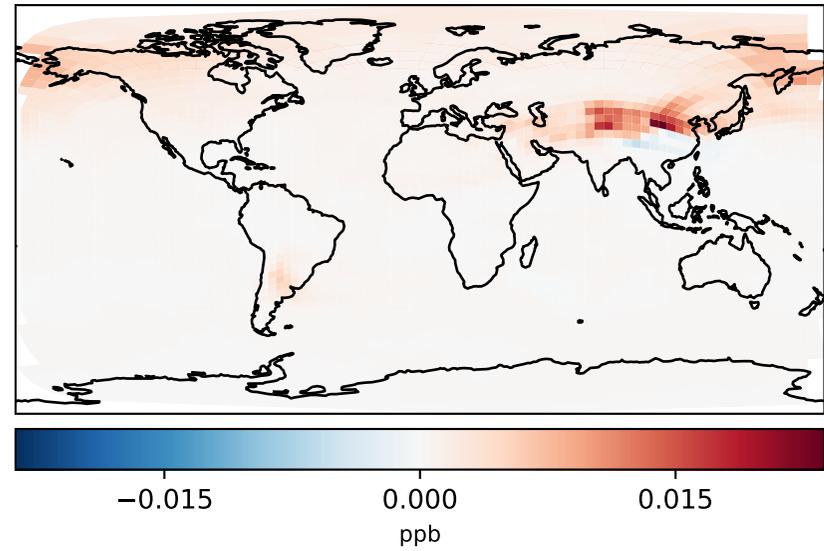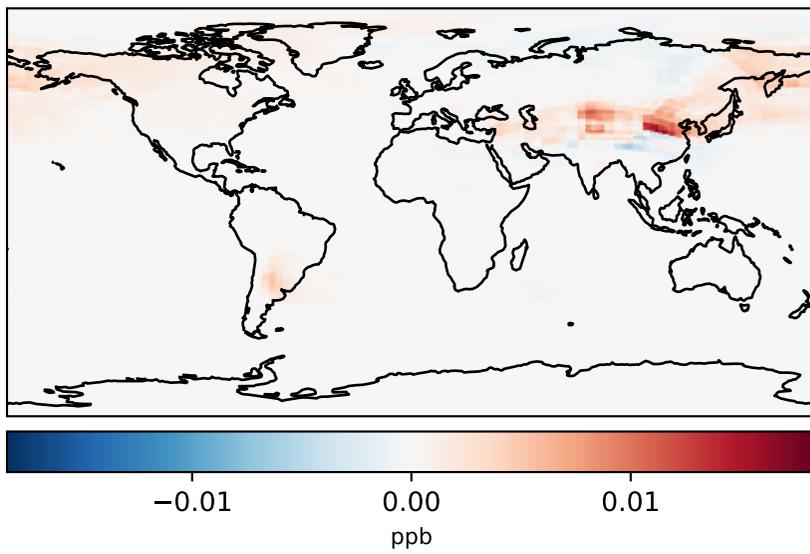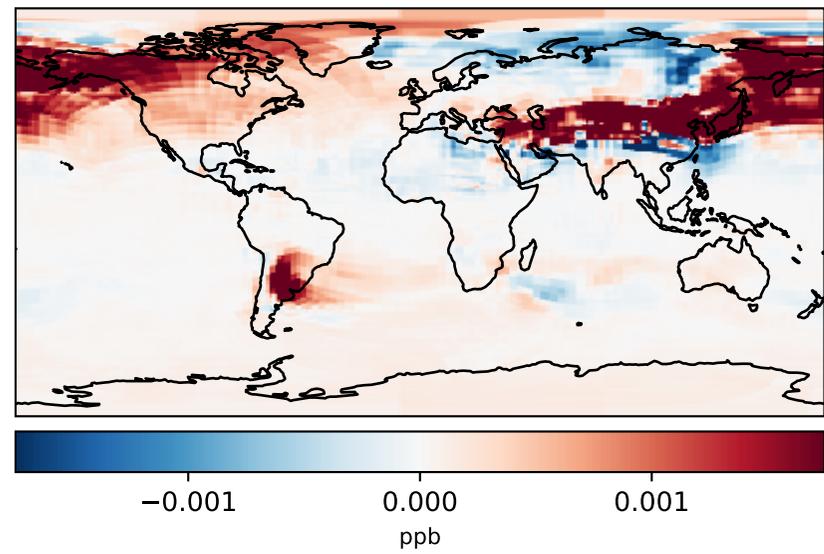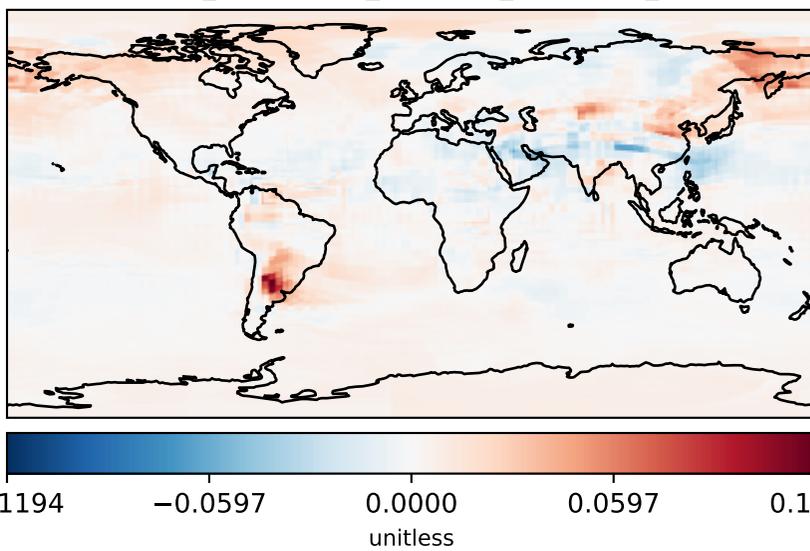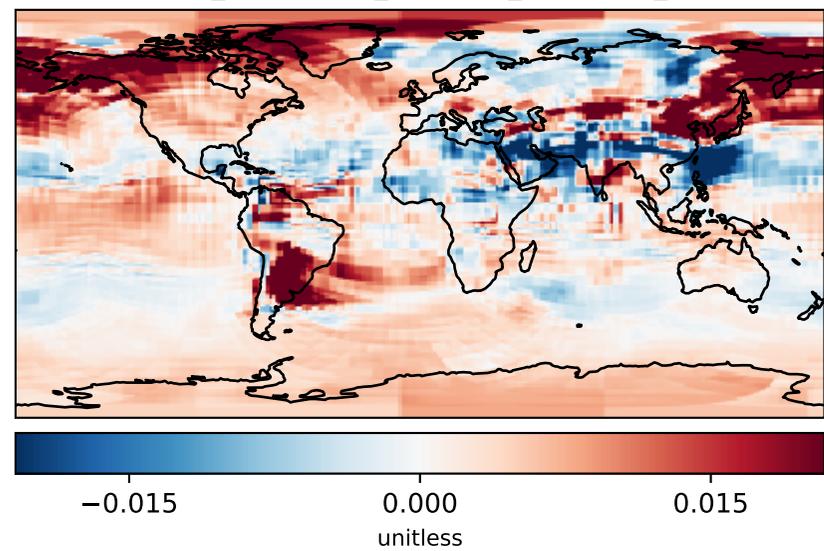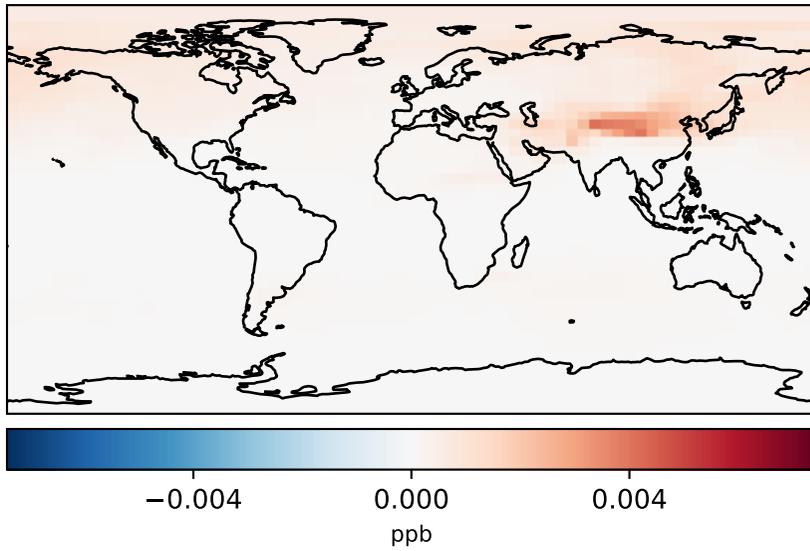GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

ppb

unitless

SpeciesConcVV_NIT (Oct2019)
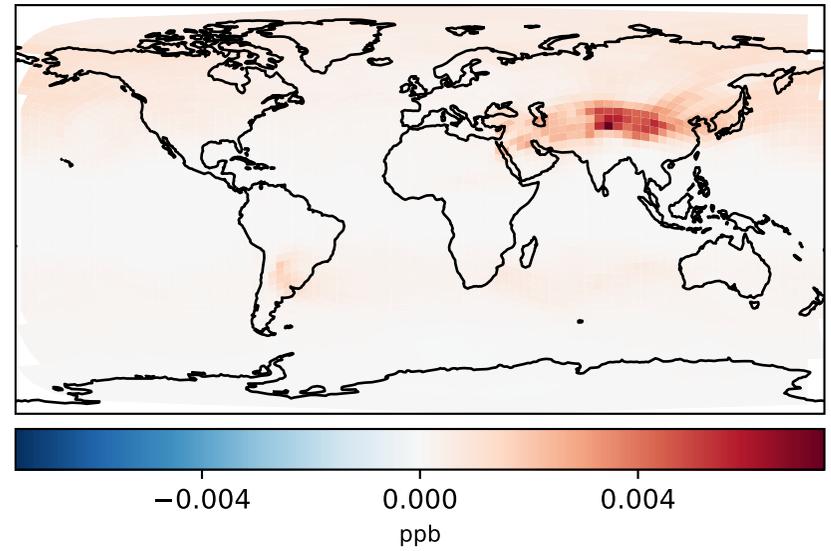
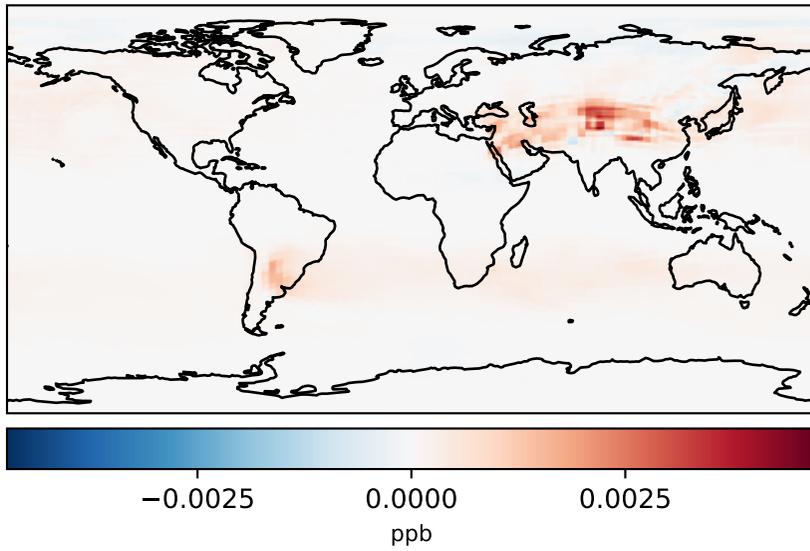# SpeciesConcVV_SO4 (Oct2019)
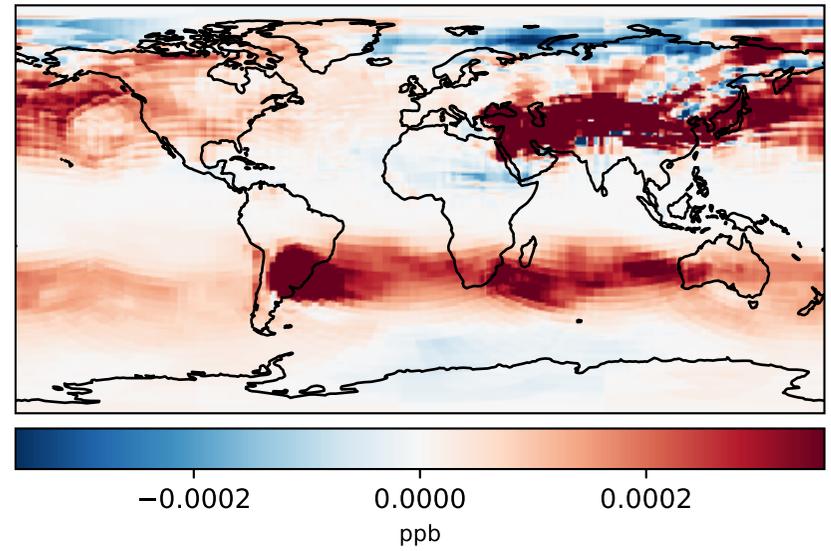

gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
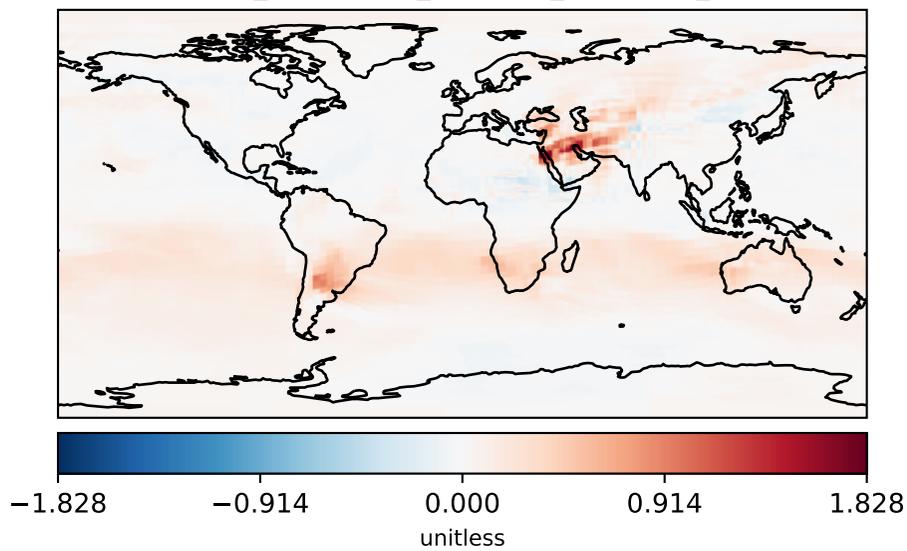4.0x5.0

gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
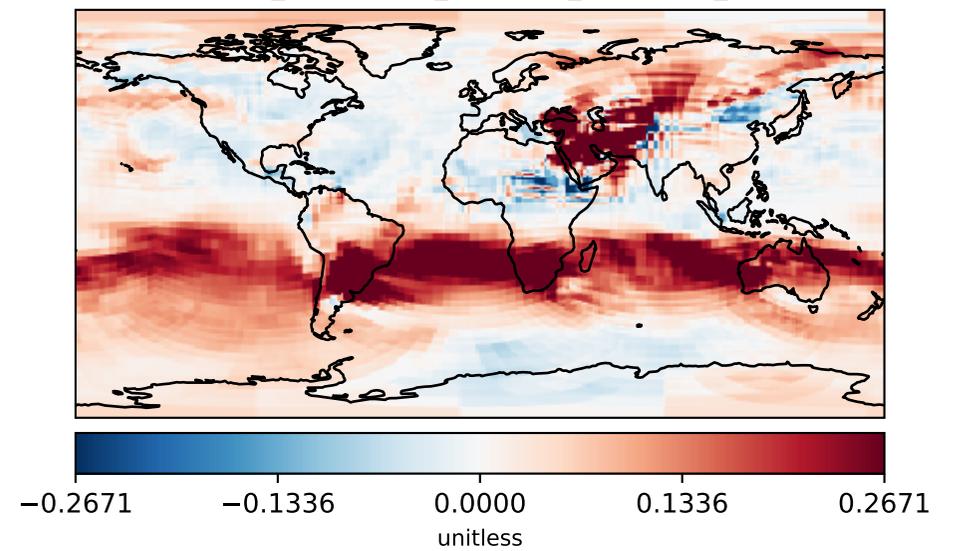c24

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

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

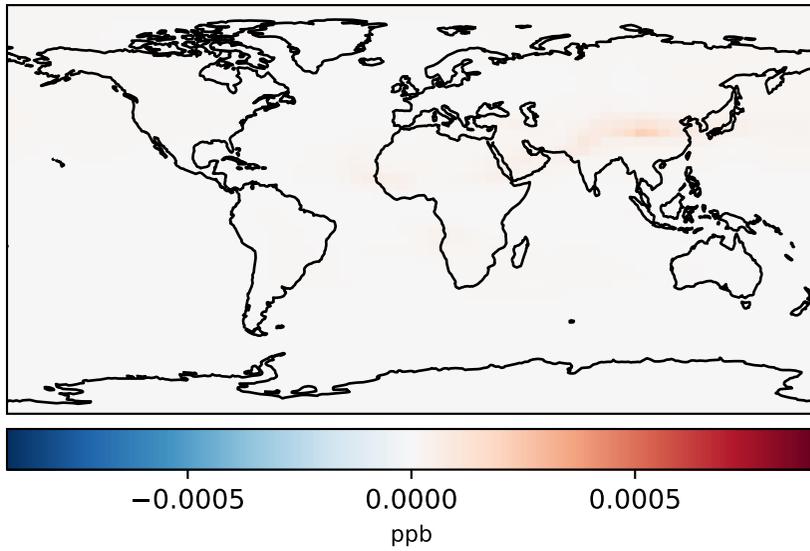Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

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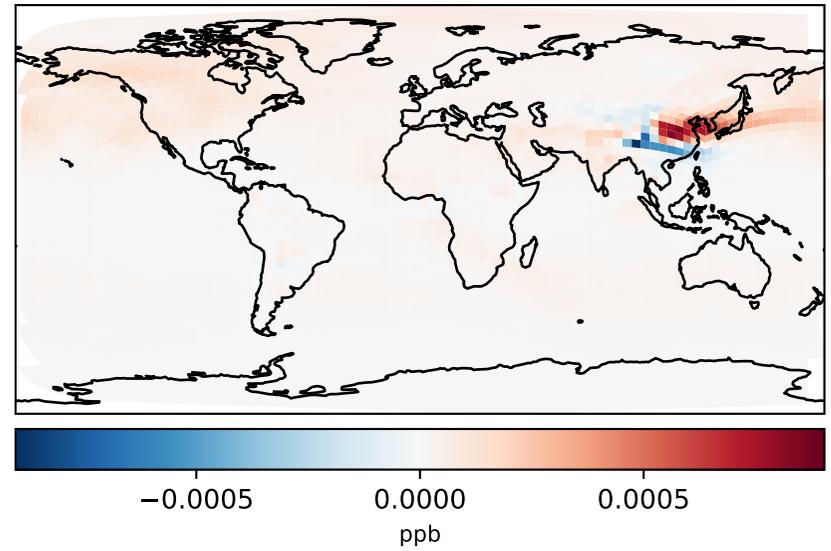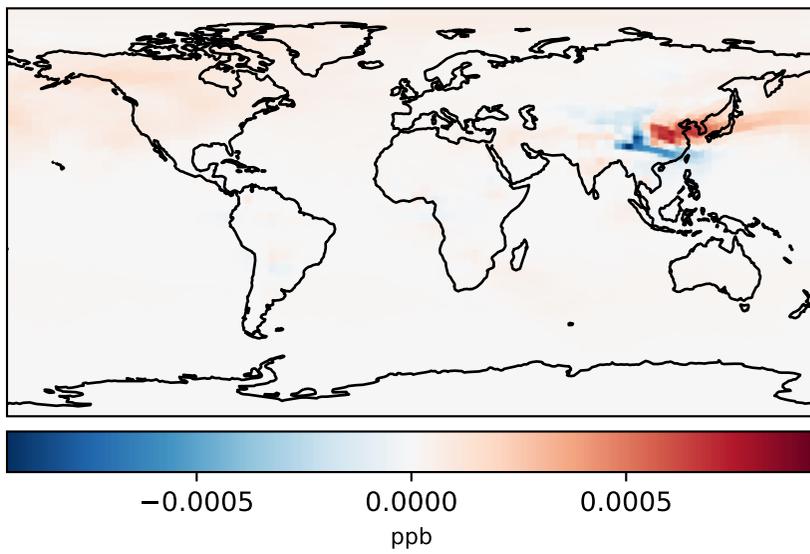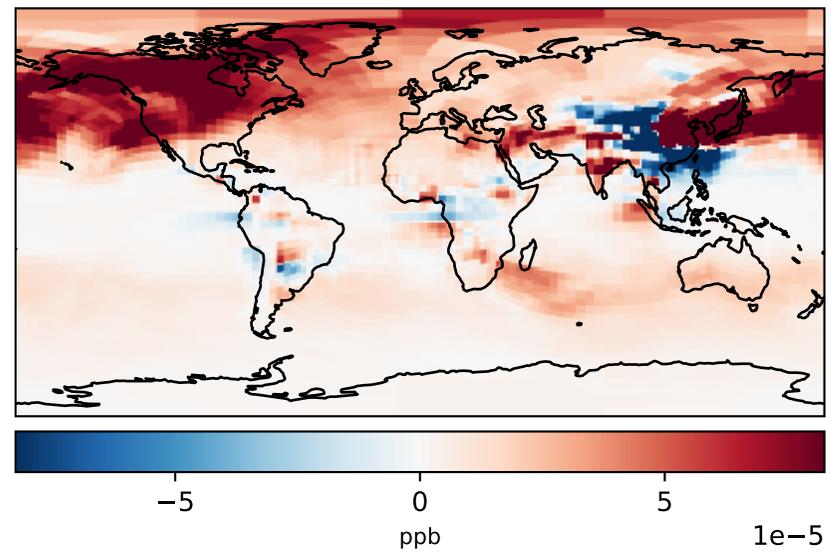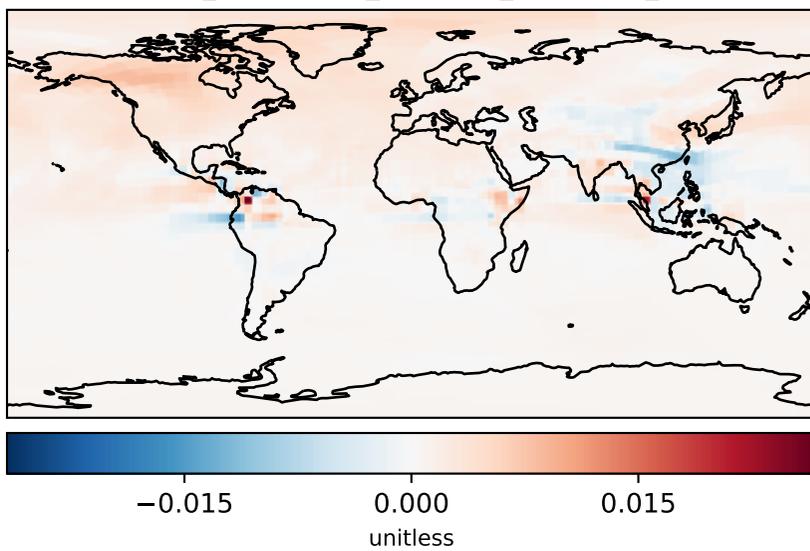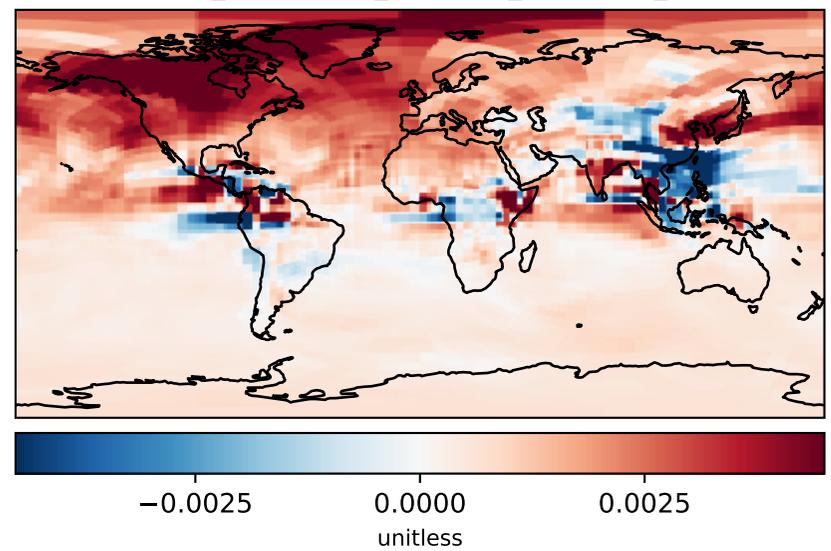GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

SpeciesConcVV_HMS (Oct2019)

SpeciesConcVV_BCPI (Oct2019)

gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
c24

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

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

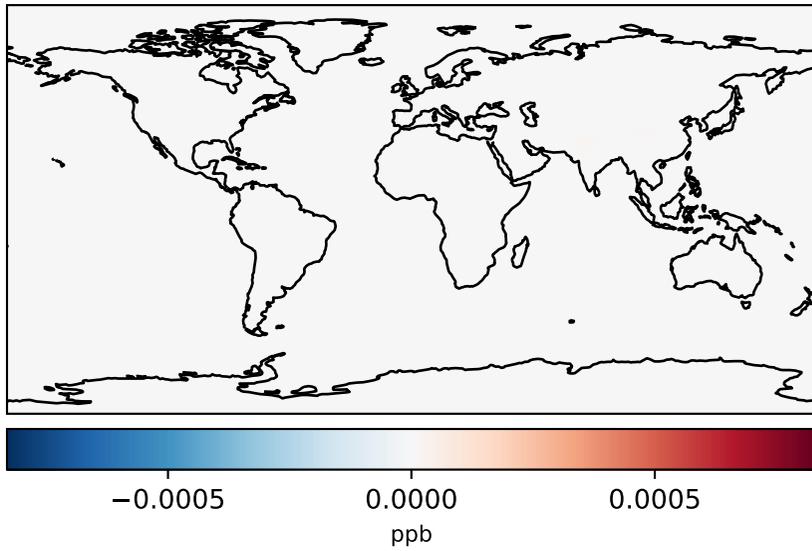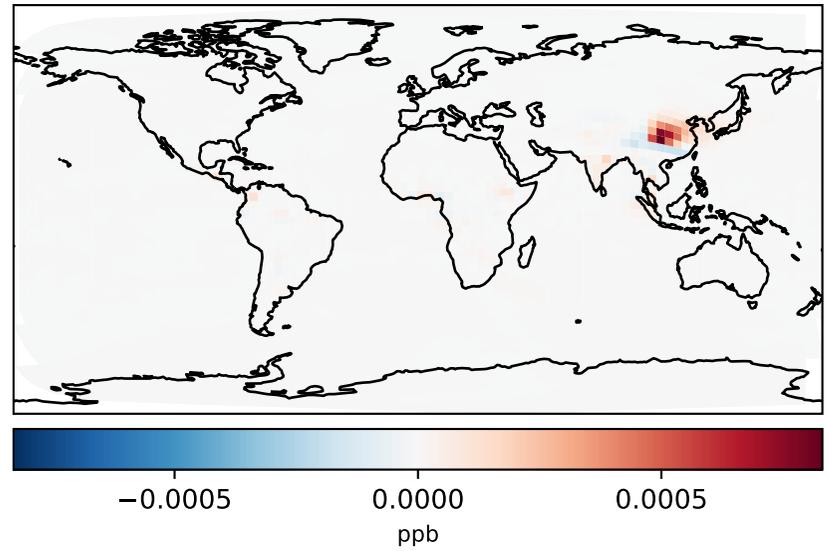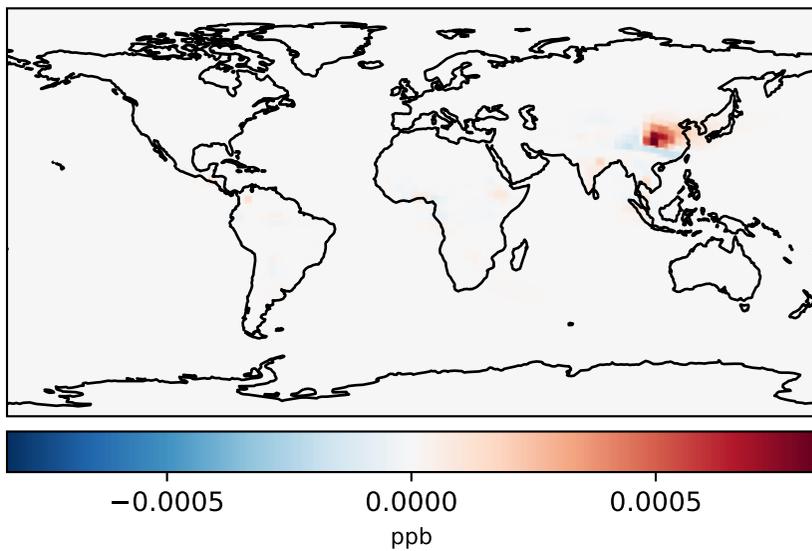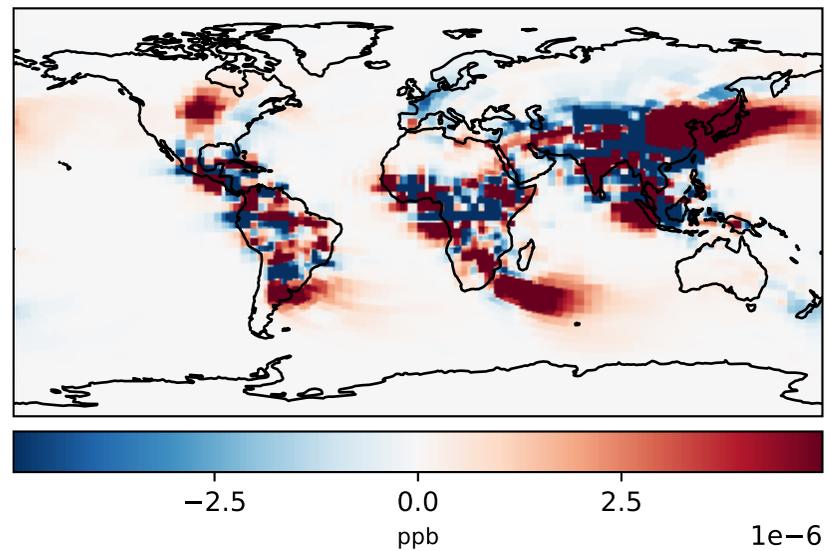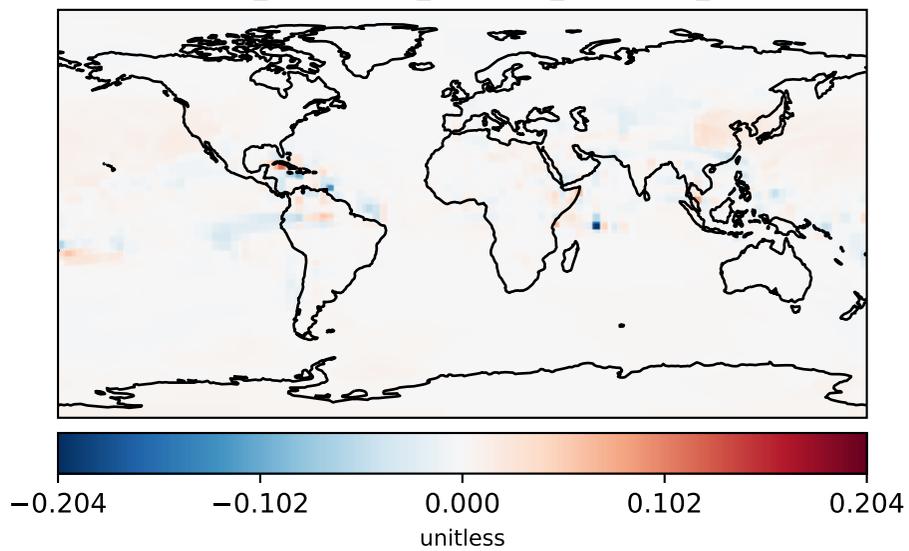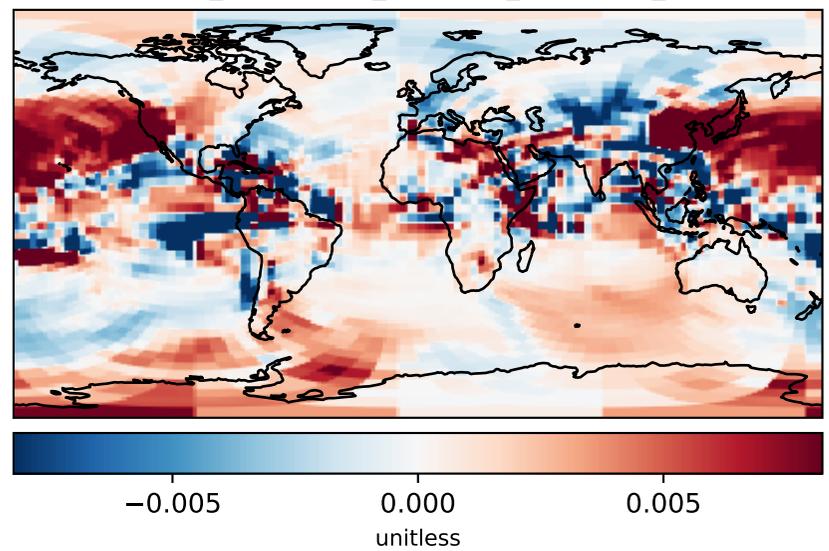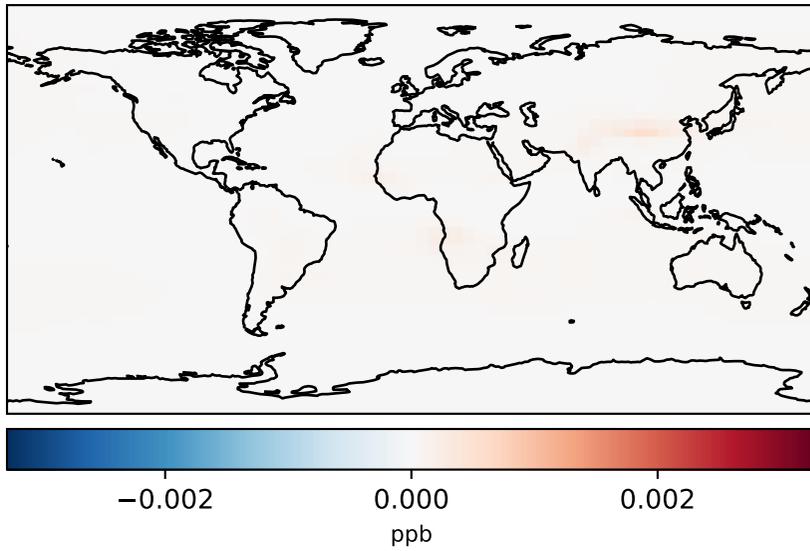Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

Difference (1x1.25), Restricted Range [5%,95%]
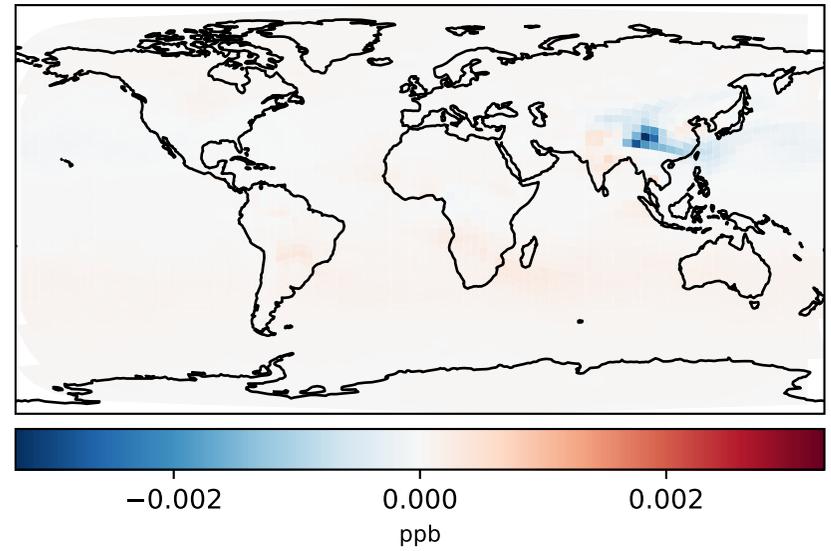GCHP_dev / GCHP_ref - GCC_dev / GCC_ref
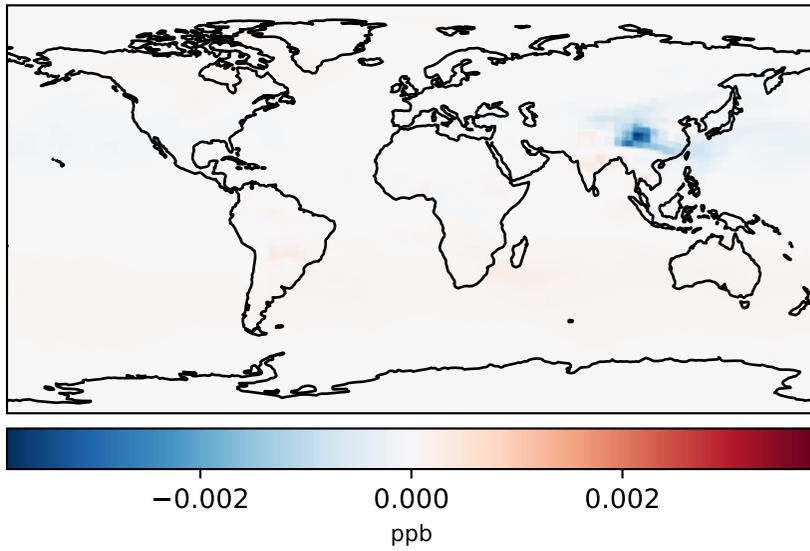
SpeciesConcVV_BCPO (Oct2019)

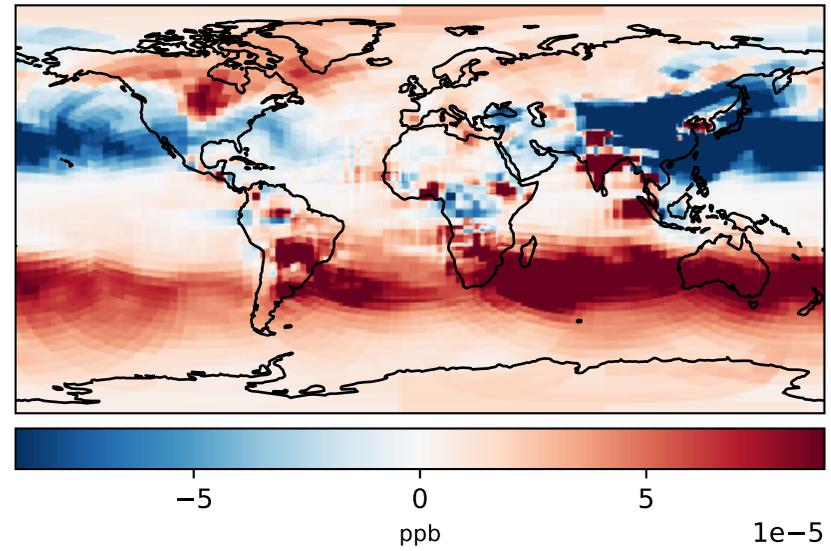gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
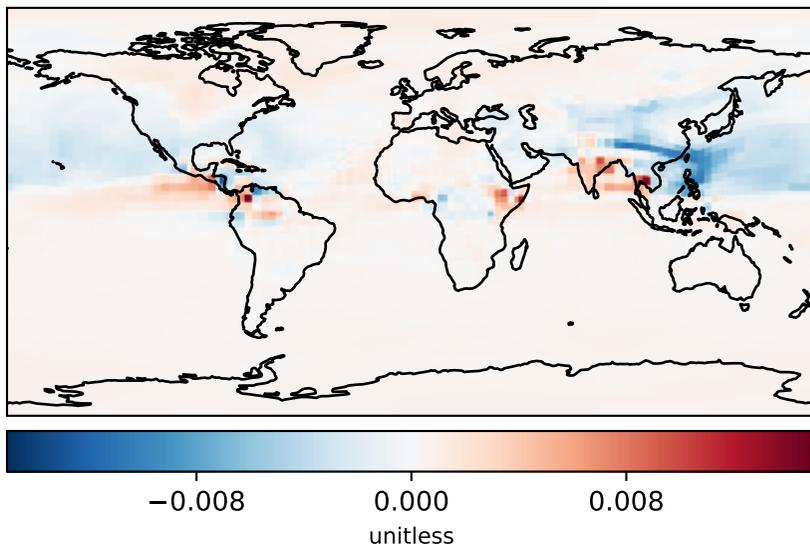4.0x5.0

gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
c24

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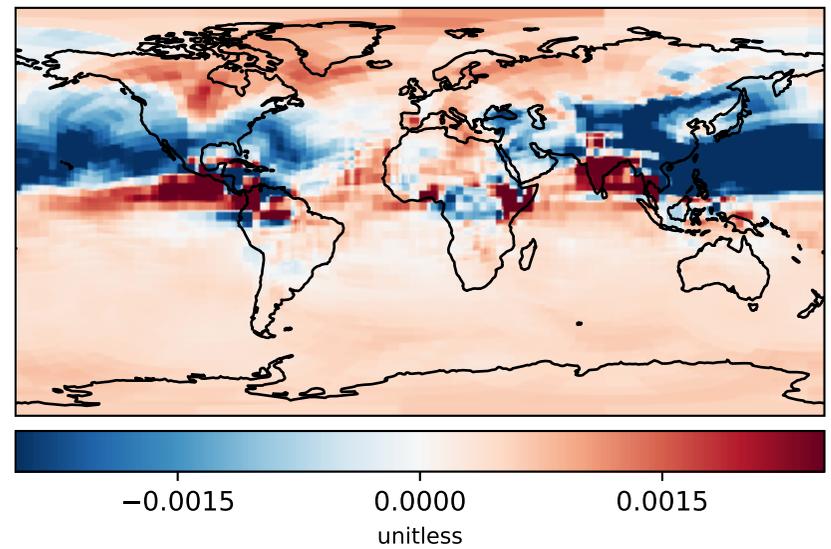Dev - Ref, Dynamic Range

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

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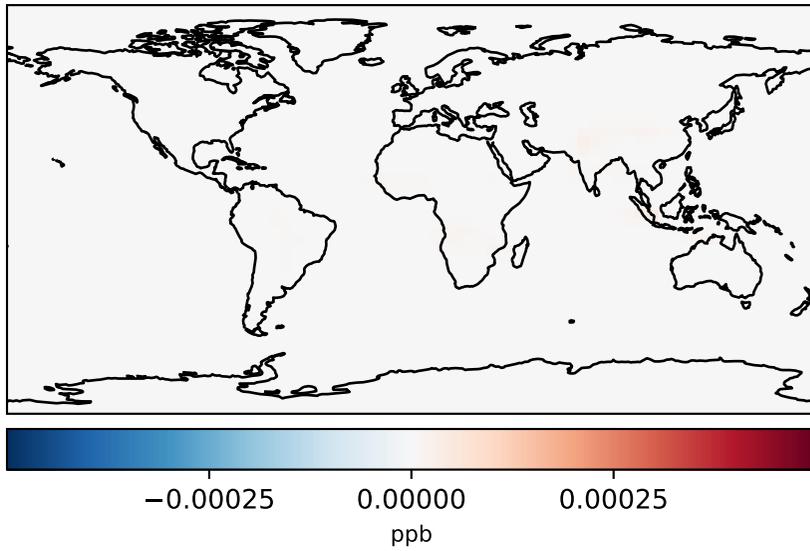GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

Difference (1x1.25), Restricted Range [5%,95%]
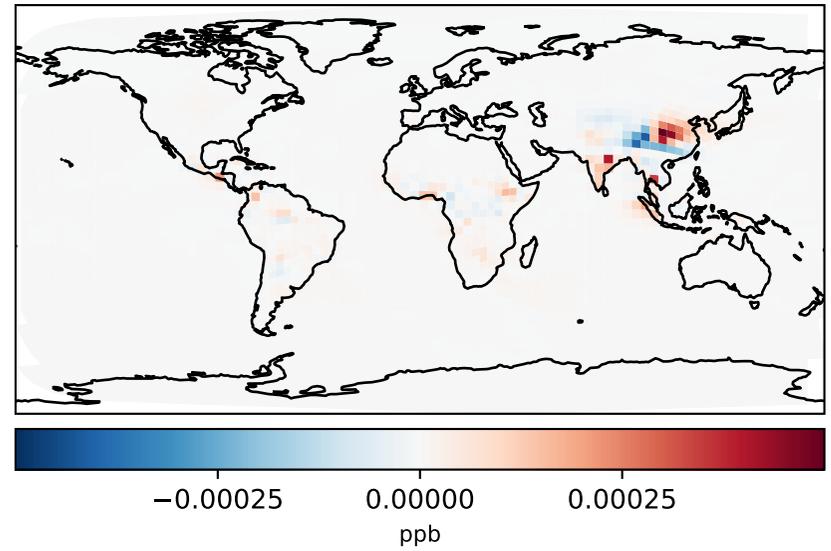GCHP_dev / GCHP_ref - GCC_dev / GCC_ref
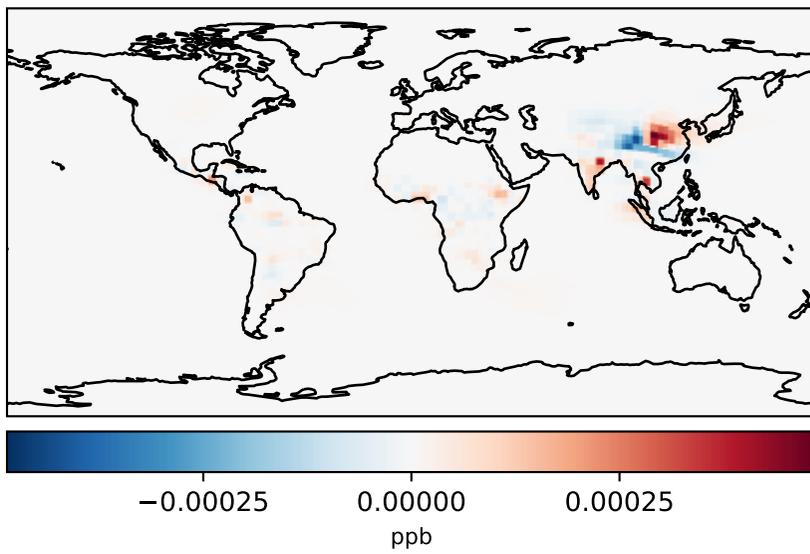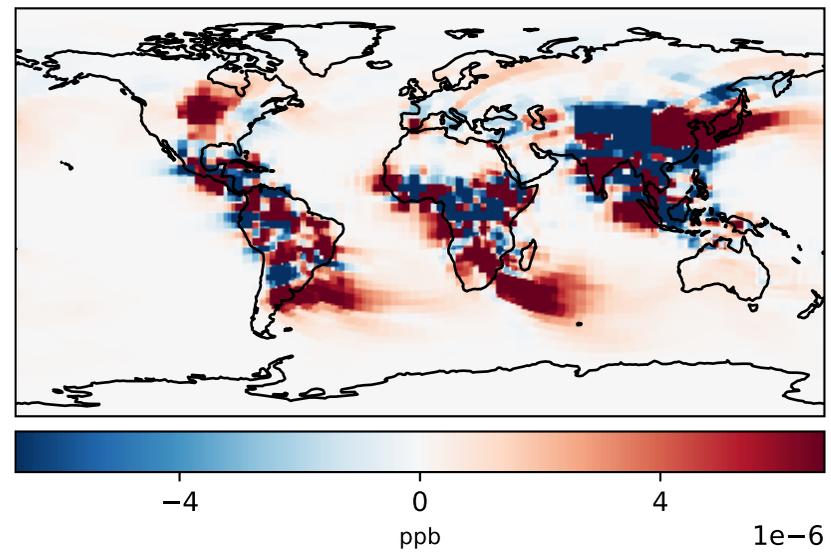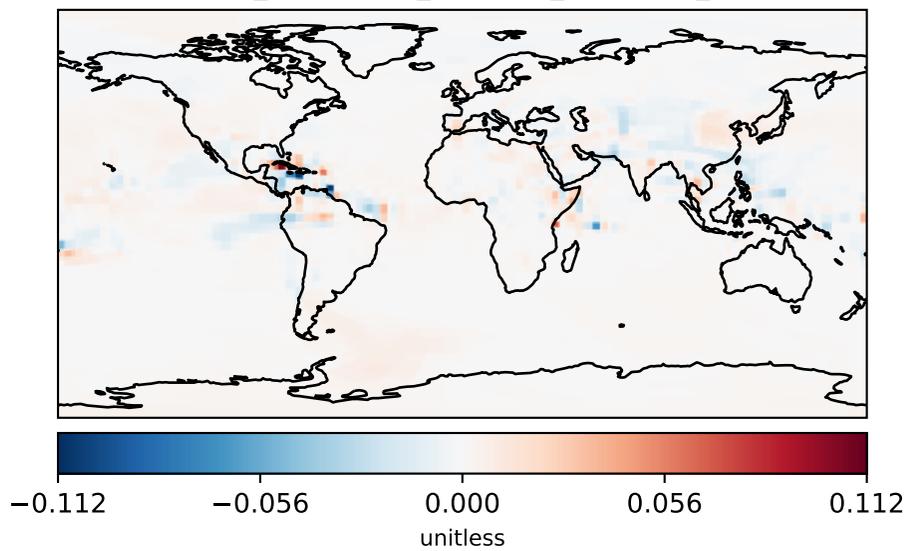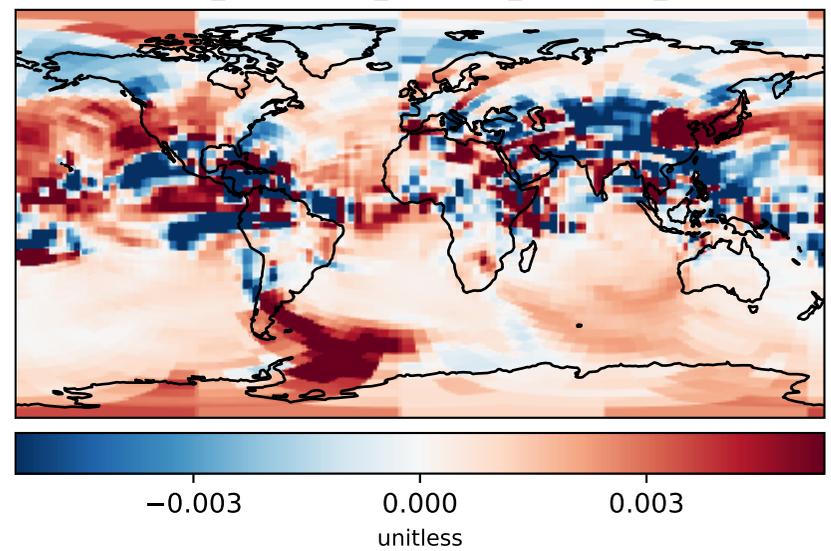
SpeciesConcVV_OCPI (Oct2019)

gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
c24

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

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

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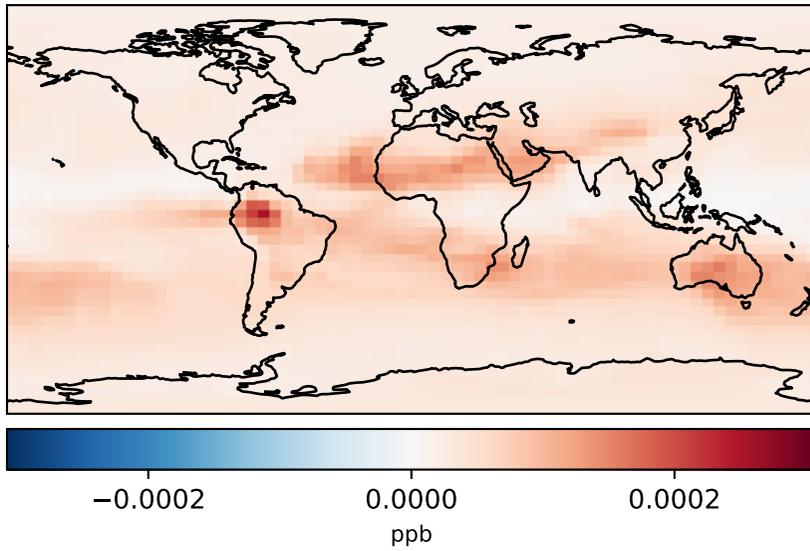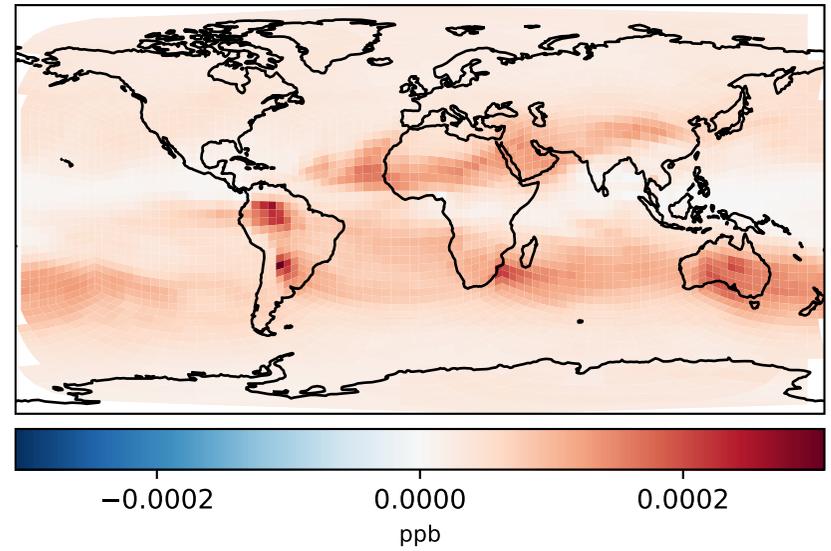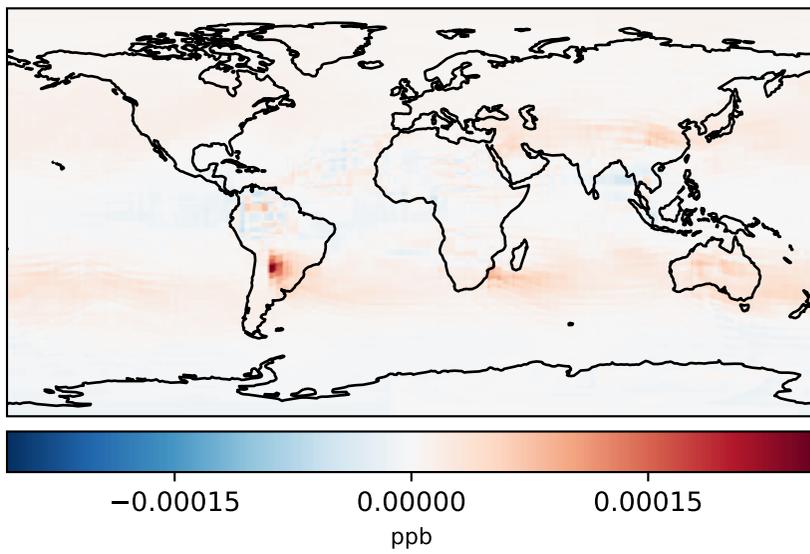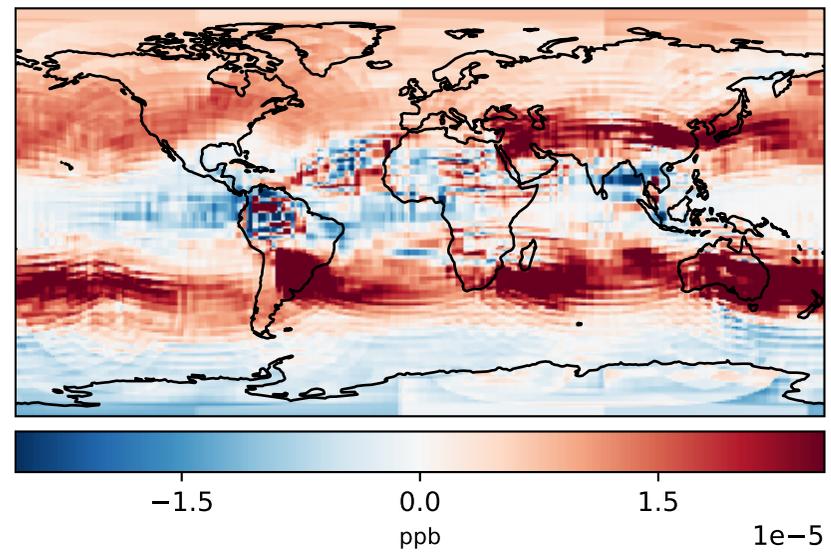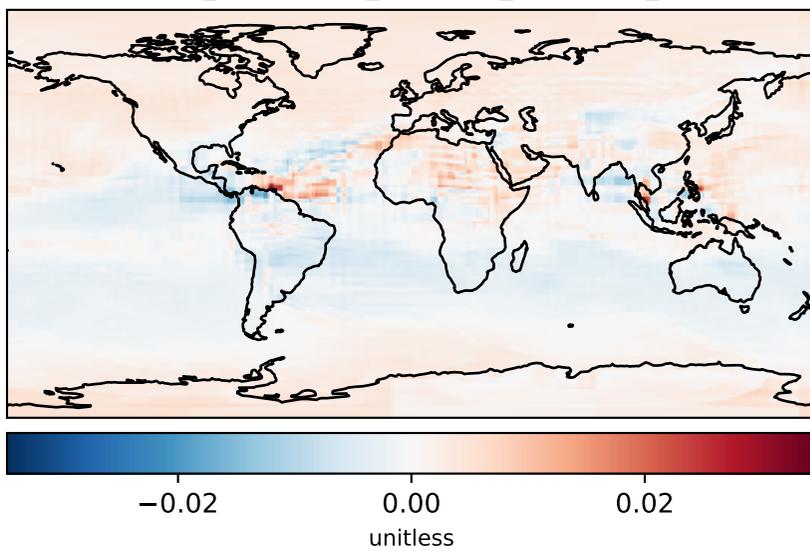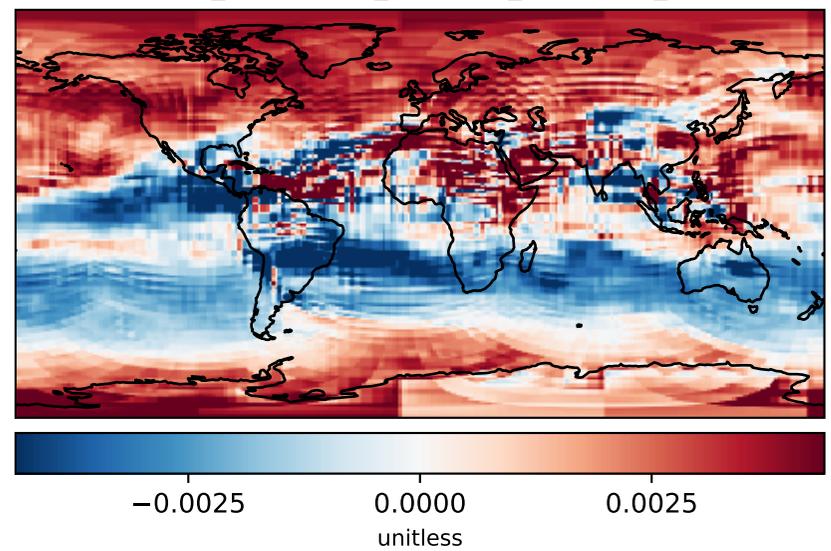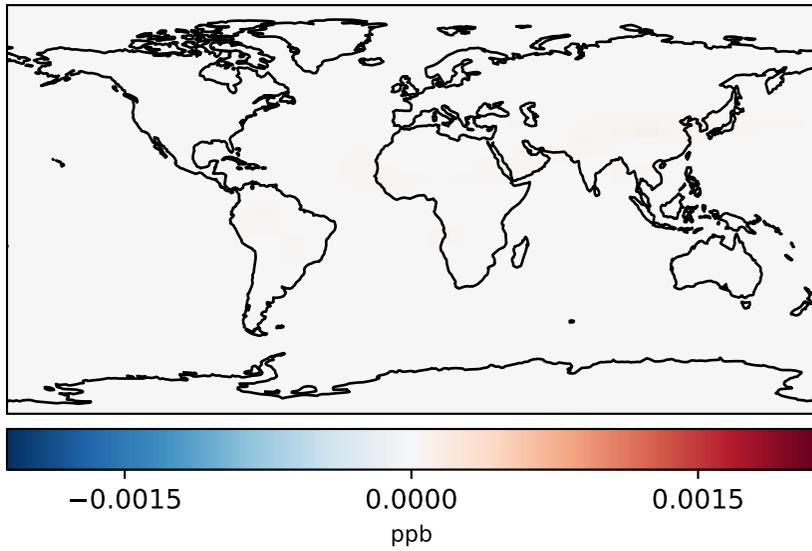GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

Difference (1x1.25), Restricted Range [5%,95%]
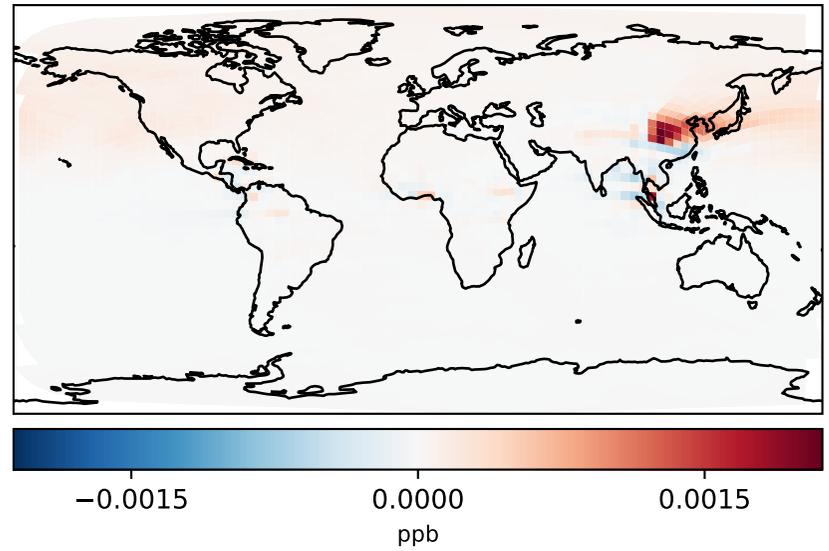GCHP_dev / GCHP_ref - GCC_dev / GCC_ref
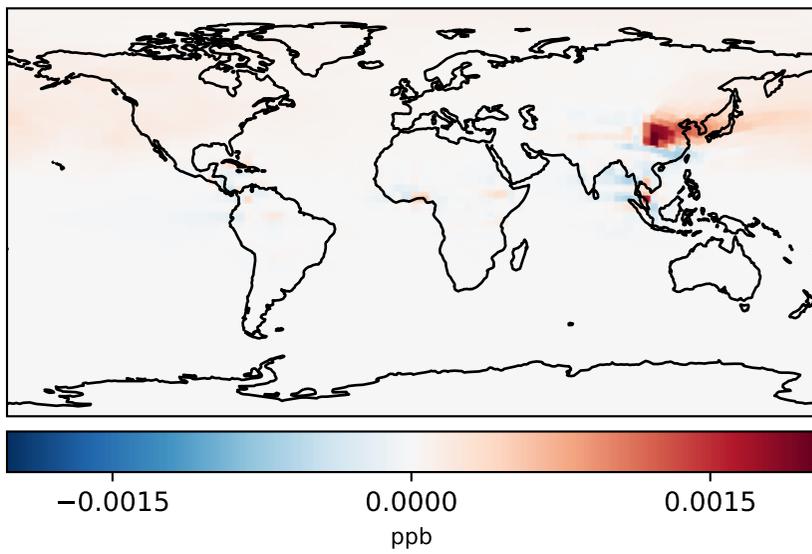
SpeciesConcVV_OCPO (Oct2019)

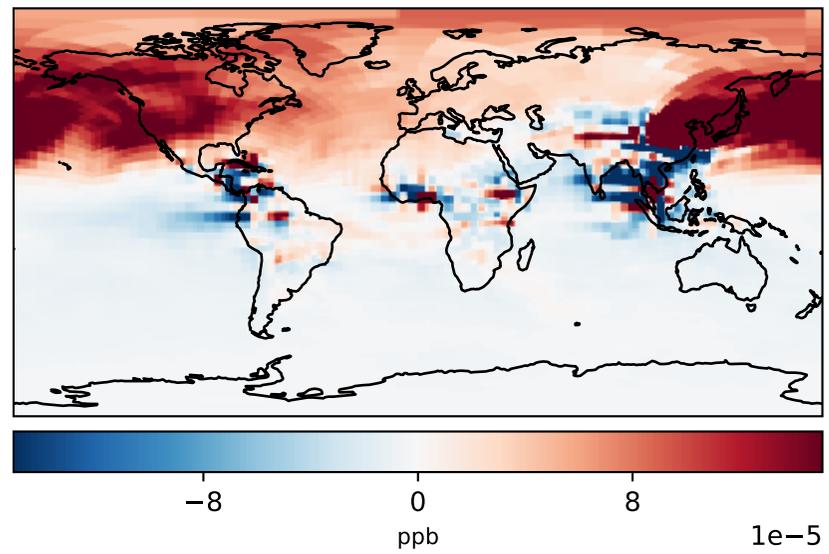gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
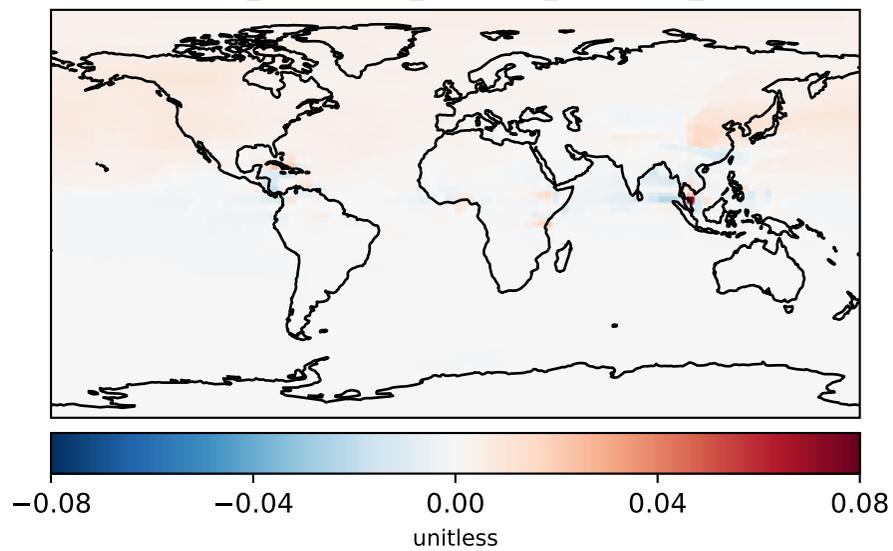4.0x5.0

gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
c24

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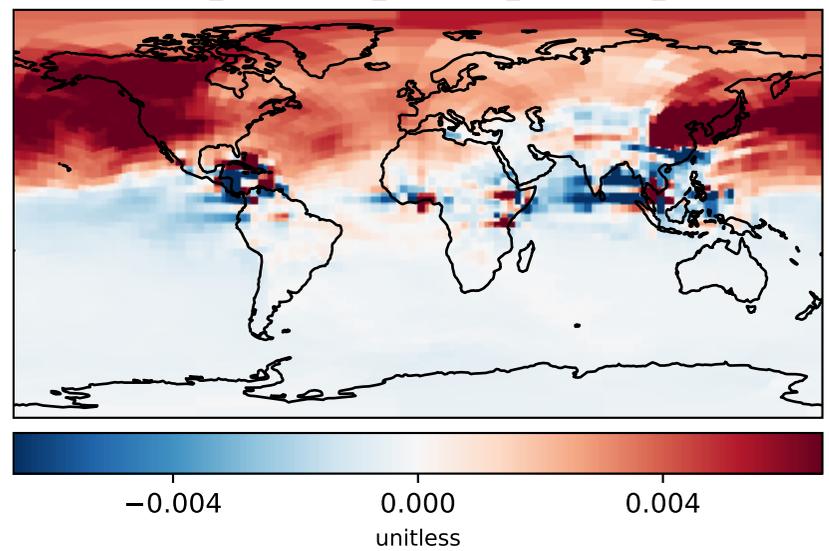Dev - Ref, Dynamic Range

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

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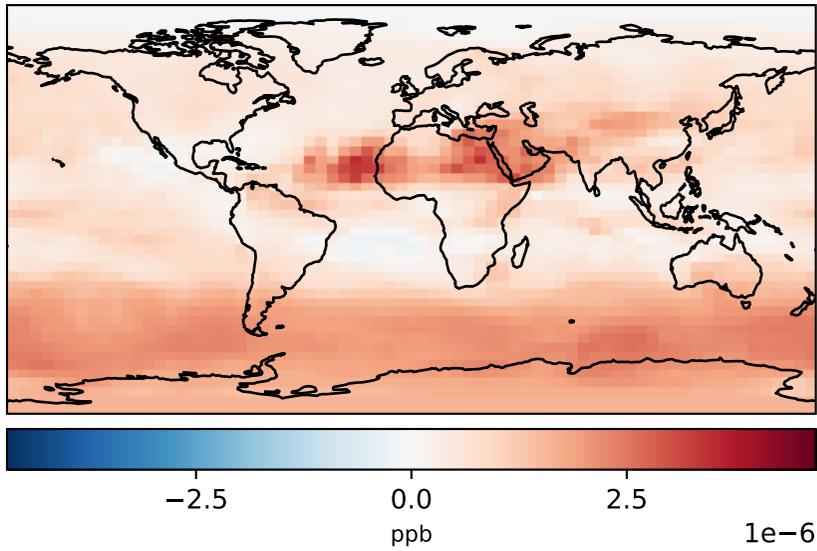GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

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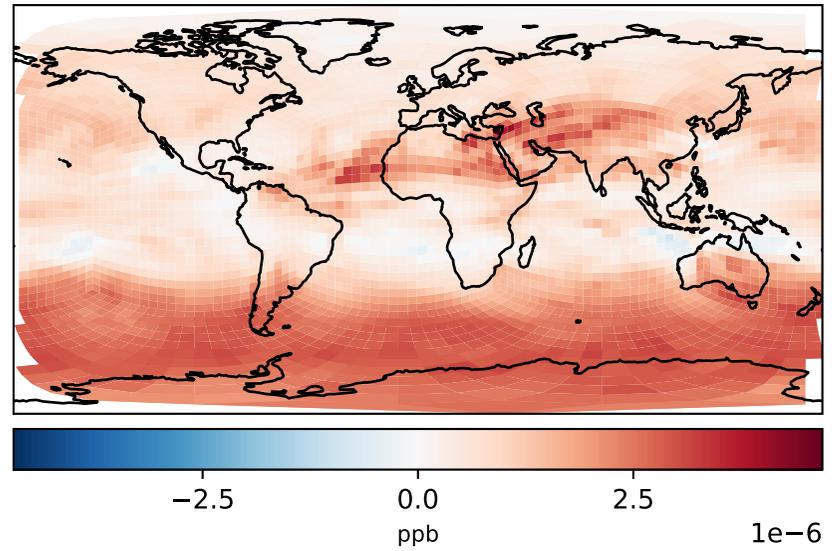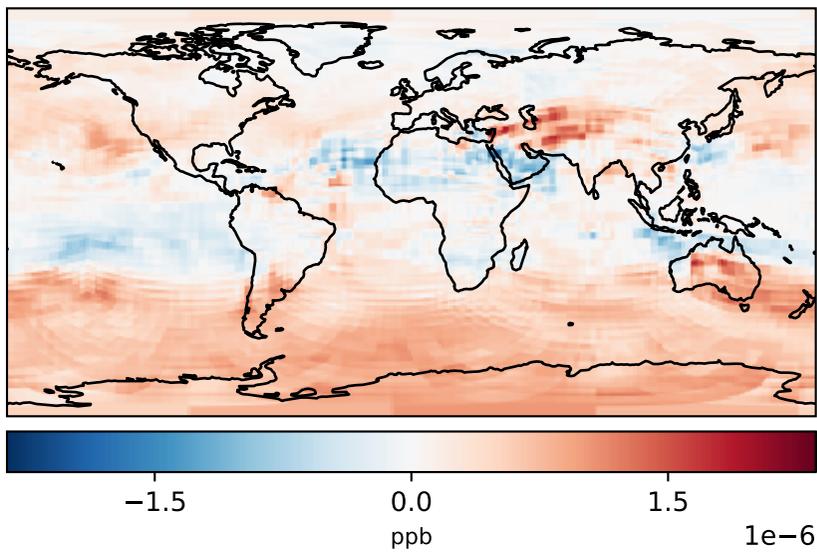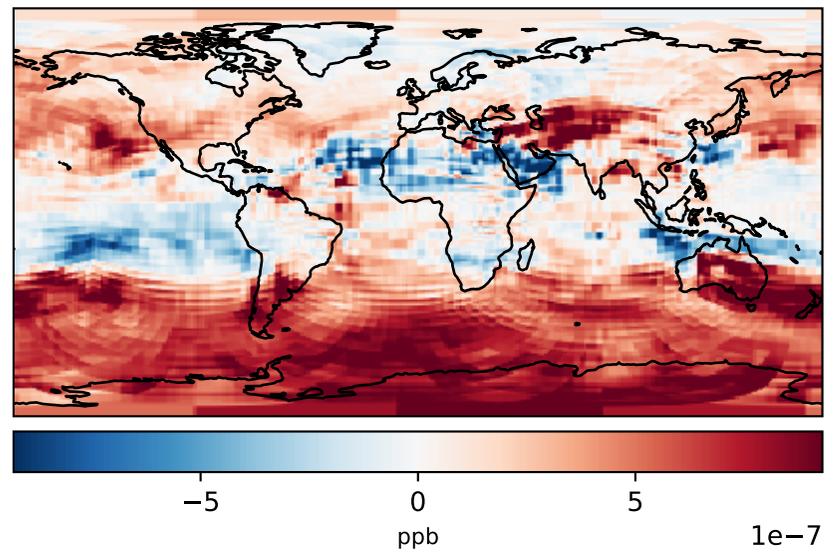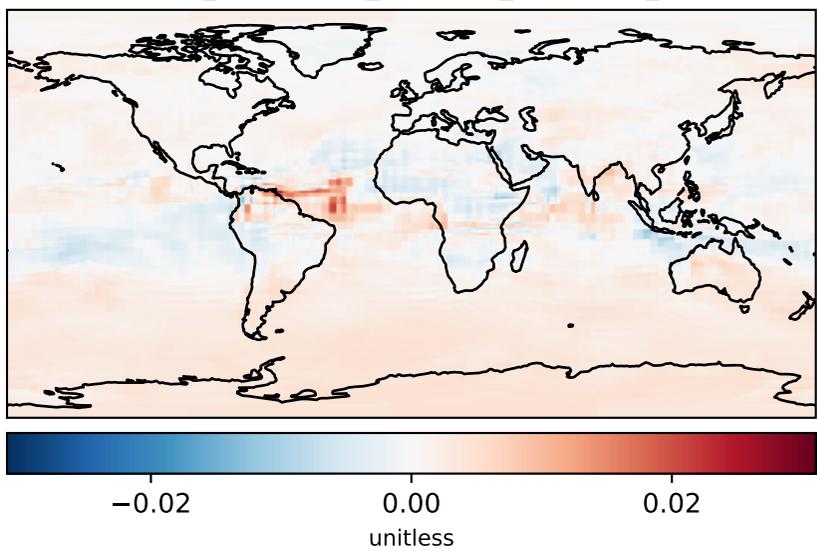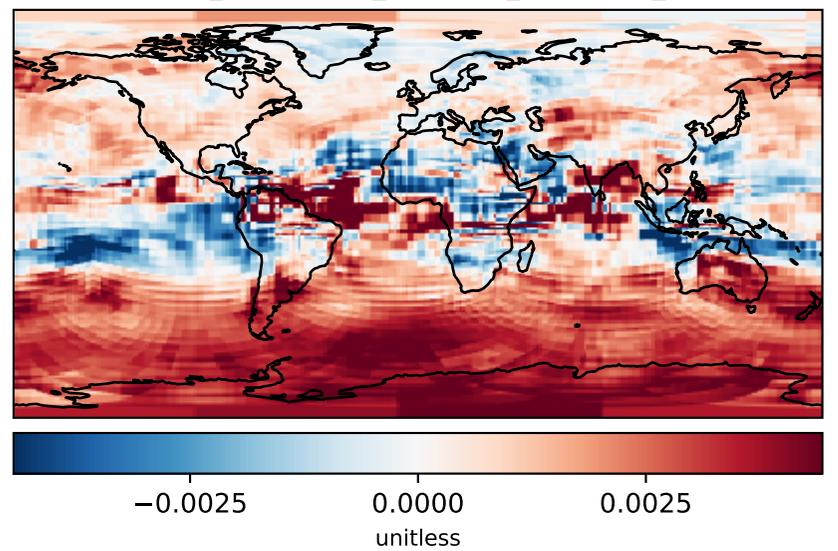GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

SpeciesConcVV_Complex_SOA (Oct2019)

SpeciesConcVV_Simple_SOA (Oct2019)

gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
c24

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

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

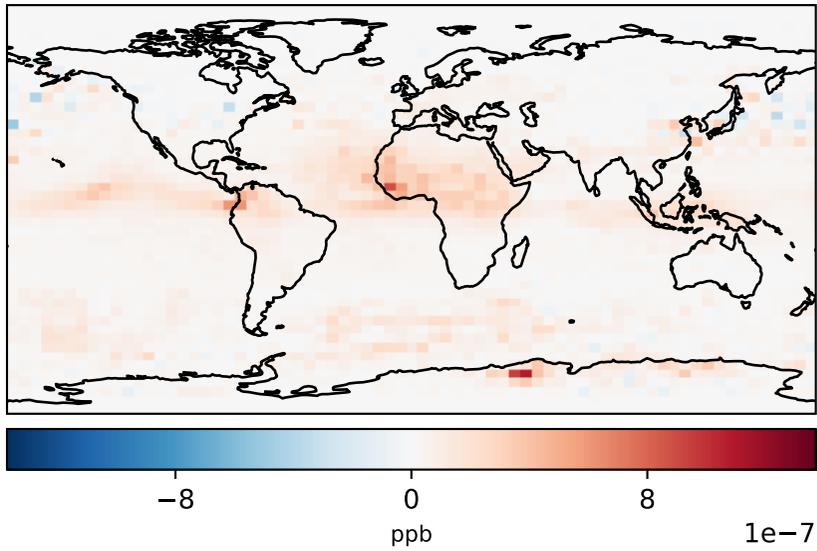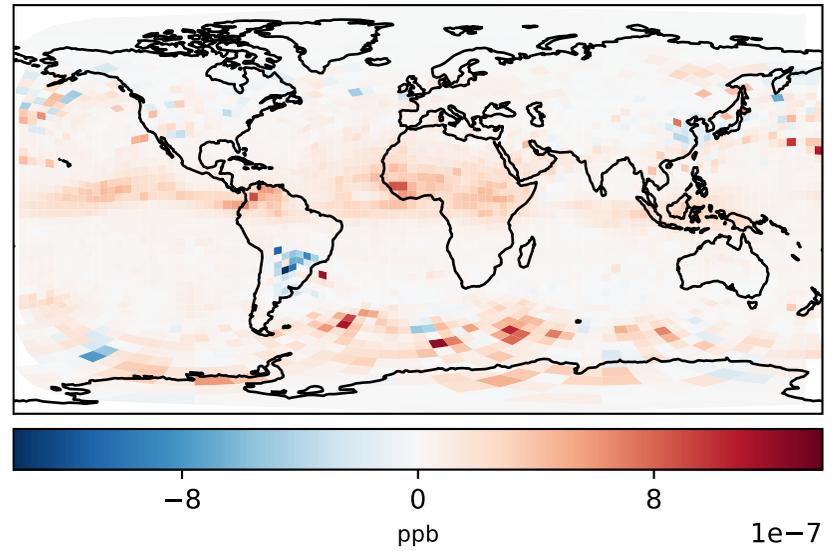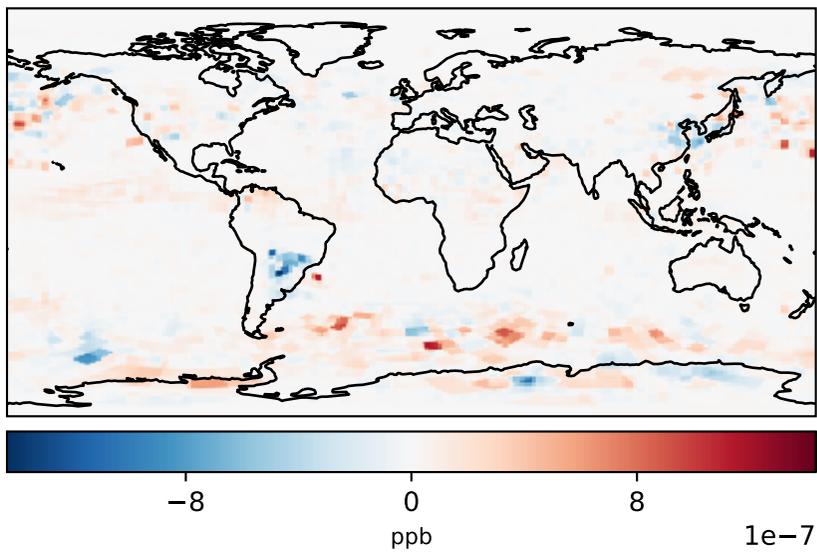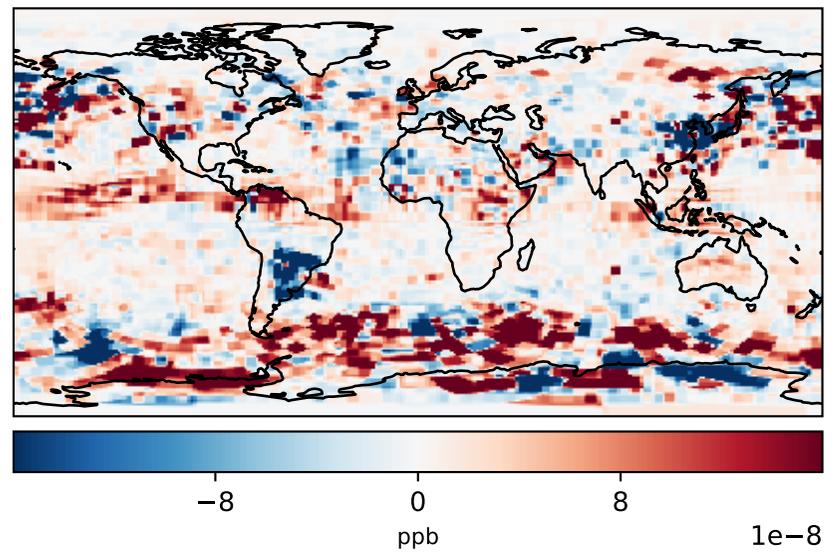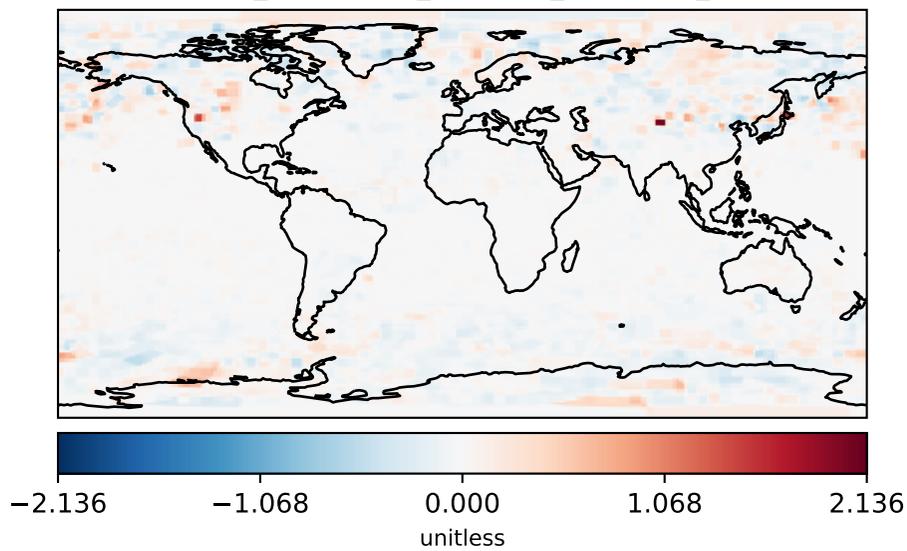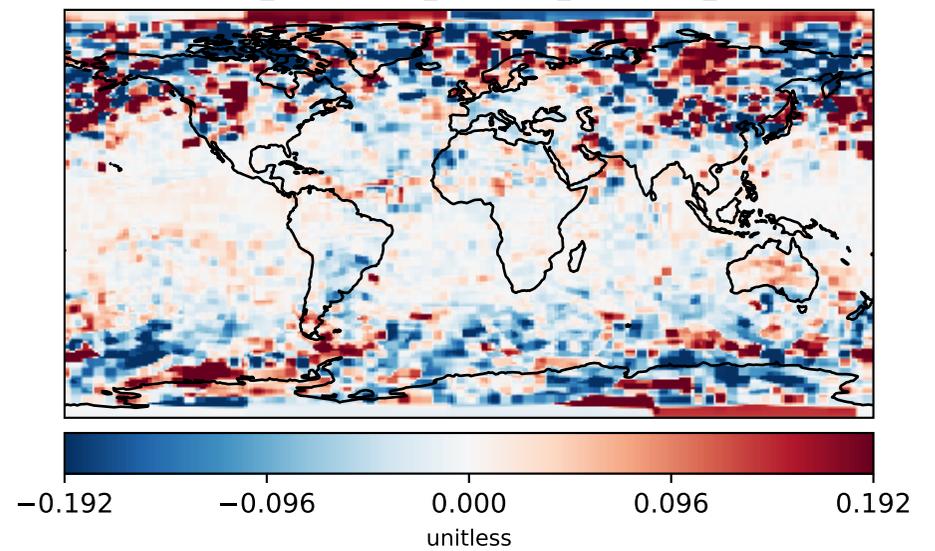Difference (1x1.25), Dynamic Range
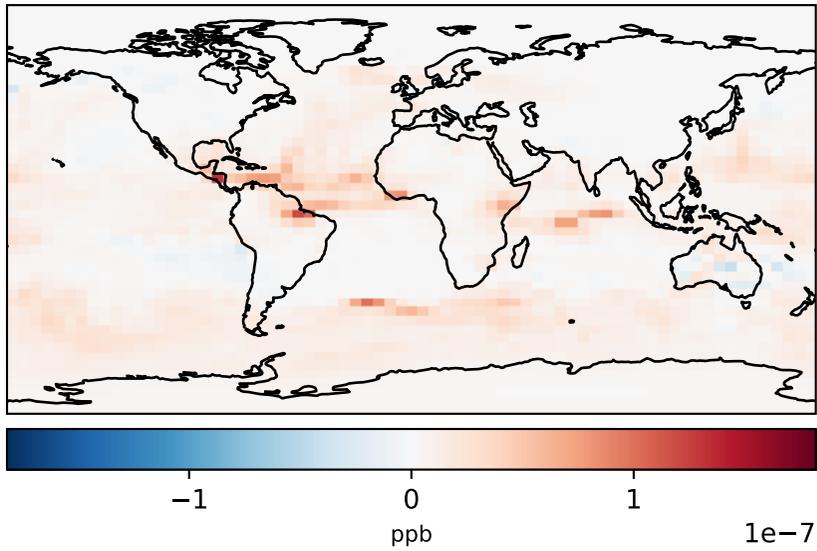GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

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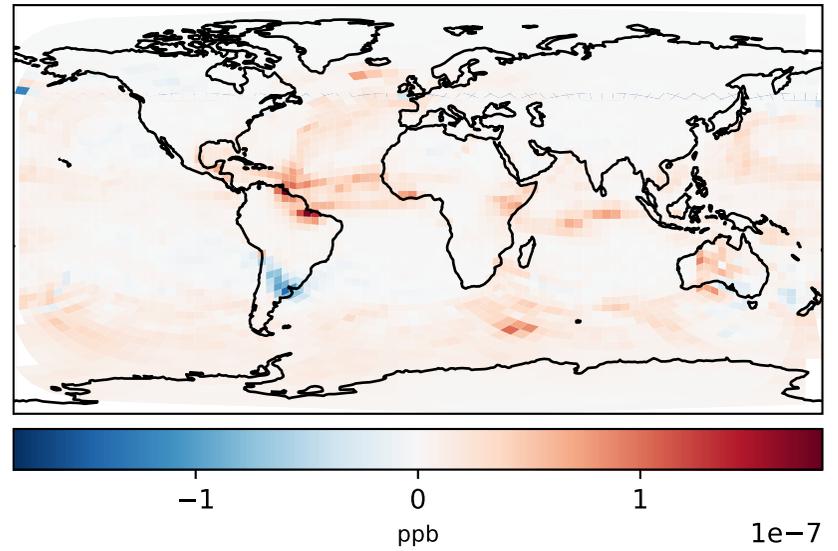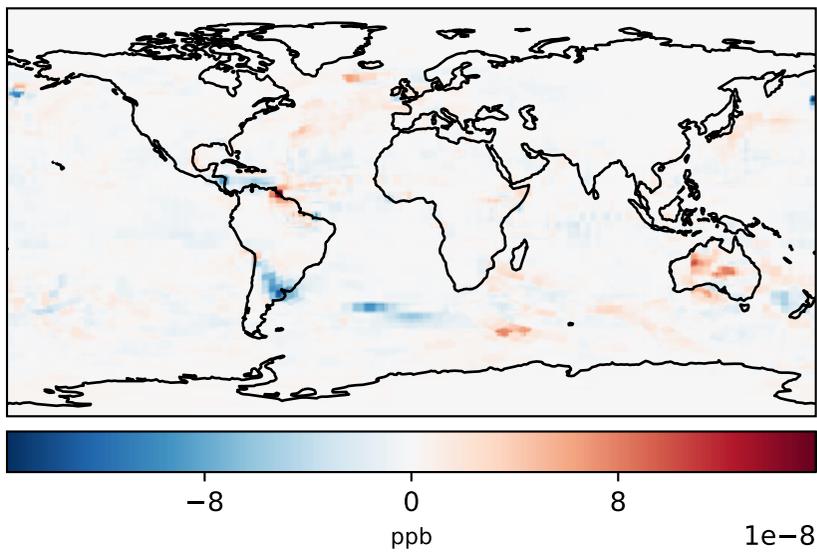GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

SpeciesConcVV_AERI (Oct2019)

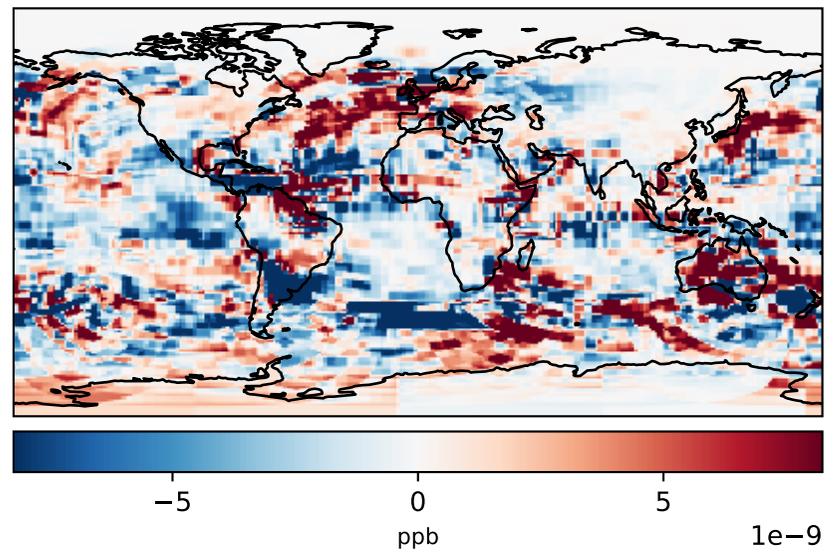gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
c24

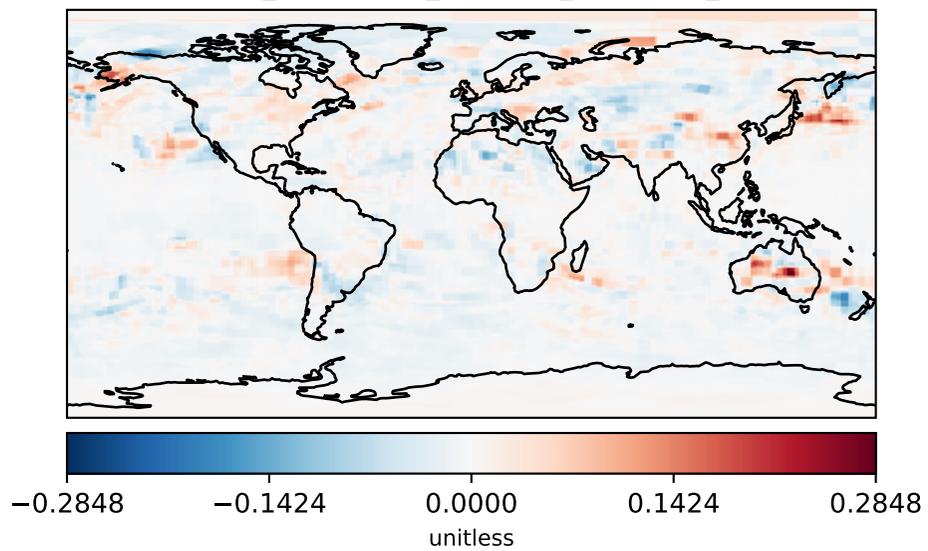Difference (1x1.25)
Dev - Ref, Dynamic Range
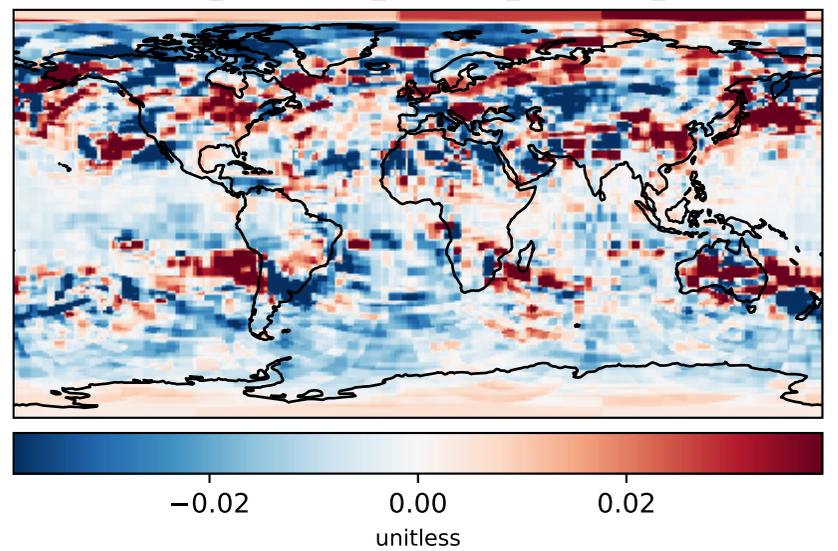
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]

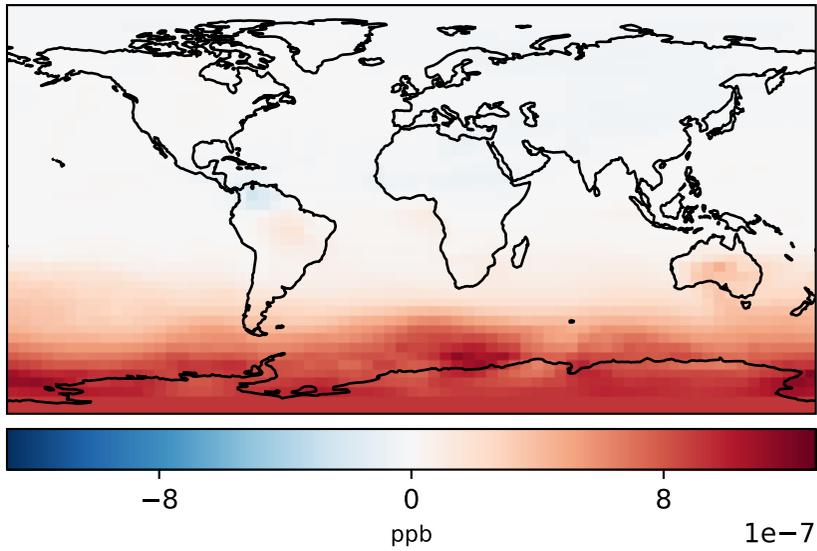Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

Difference (1x1.25), Restricted Range [5%,95%]
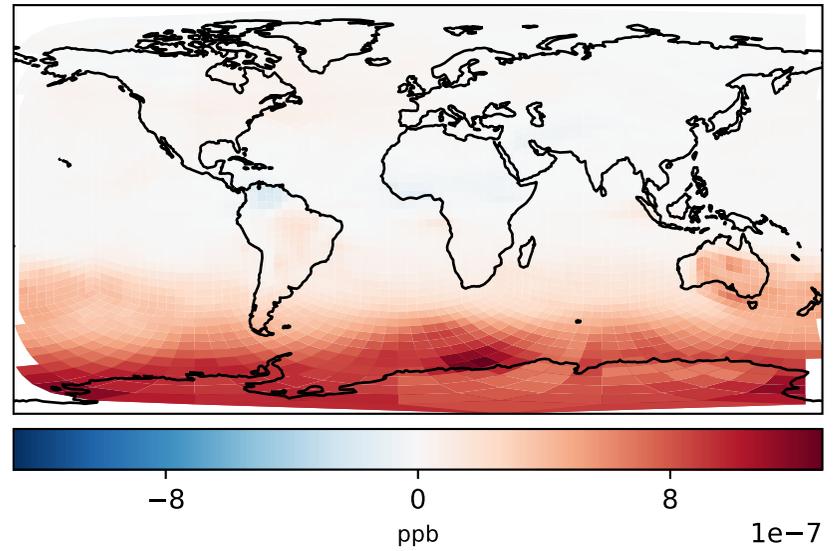GCHP_dev / GCHP_ref - GCC_dev / GCC_ref
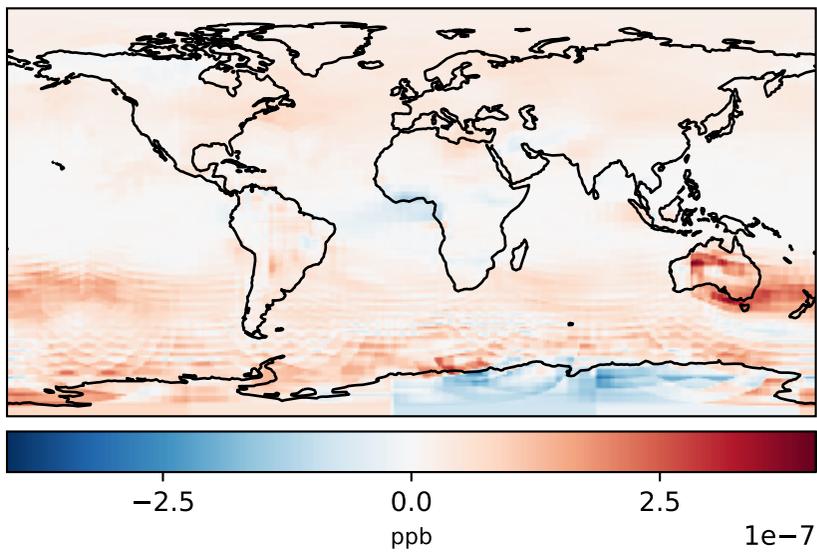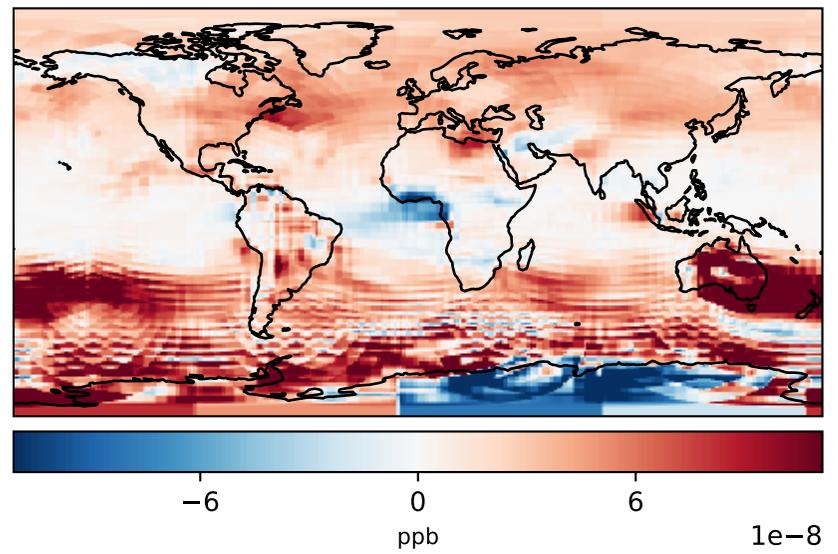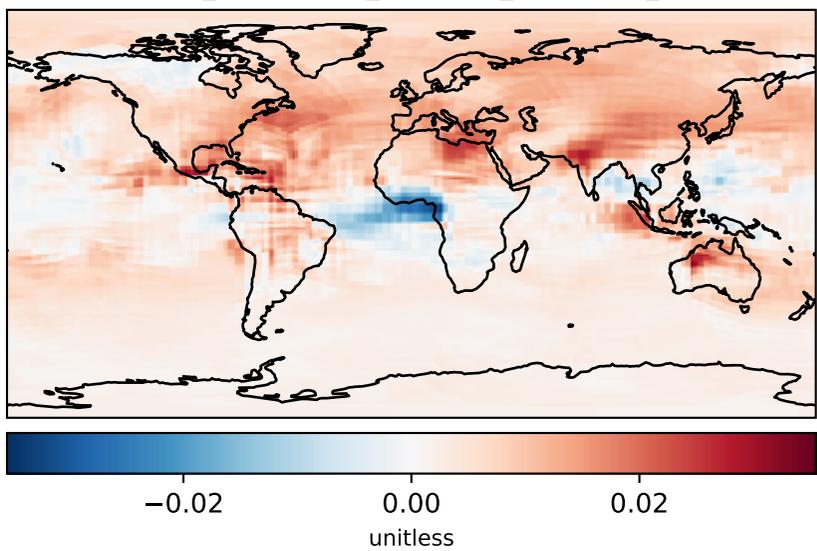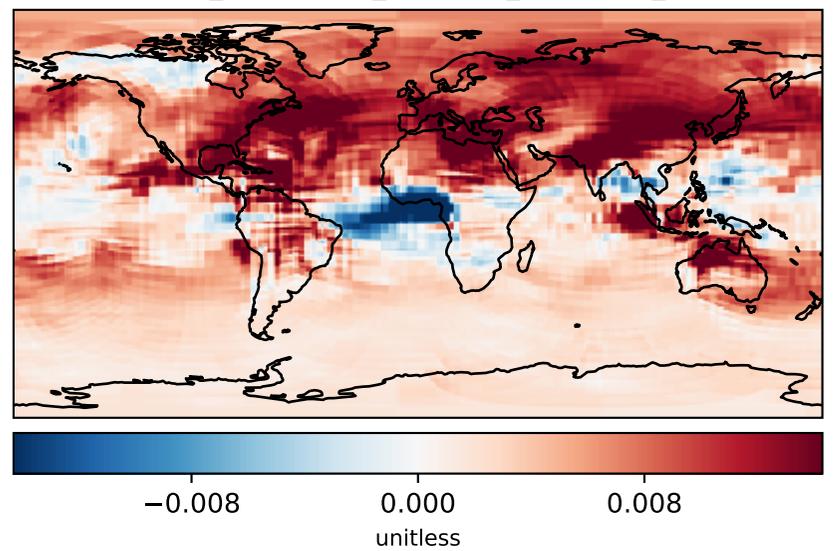
SpeciesConcVV_BrSALA (Oct2019)

gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
c24

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

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

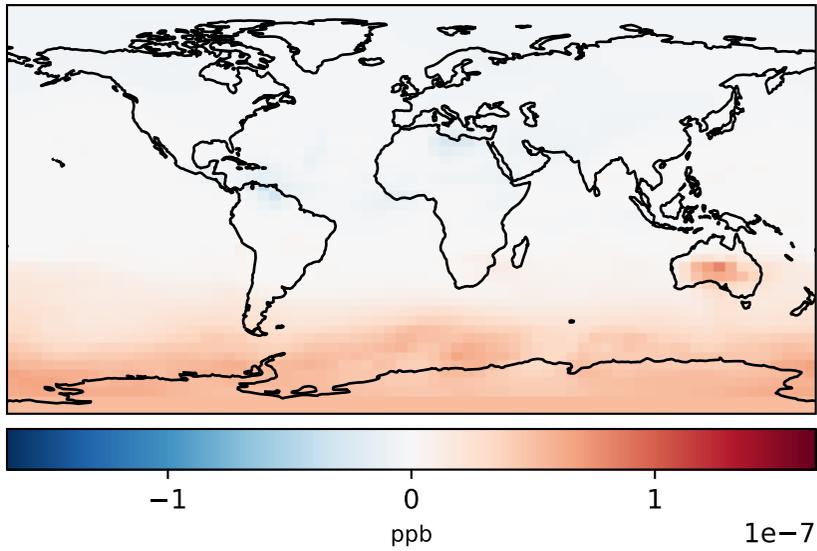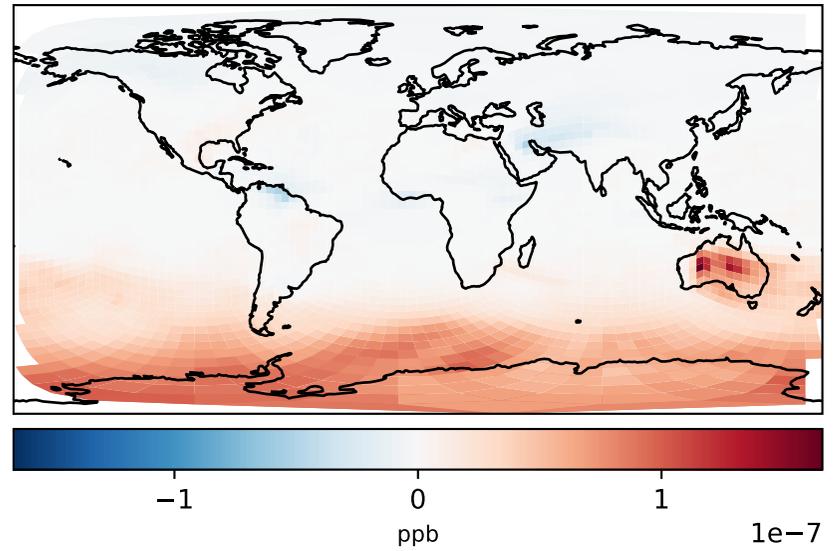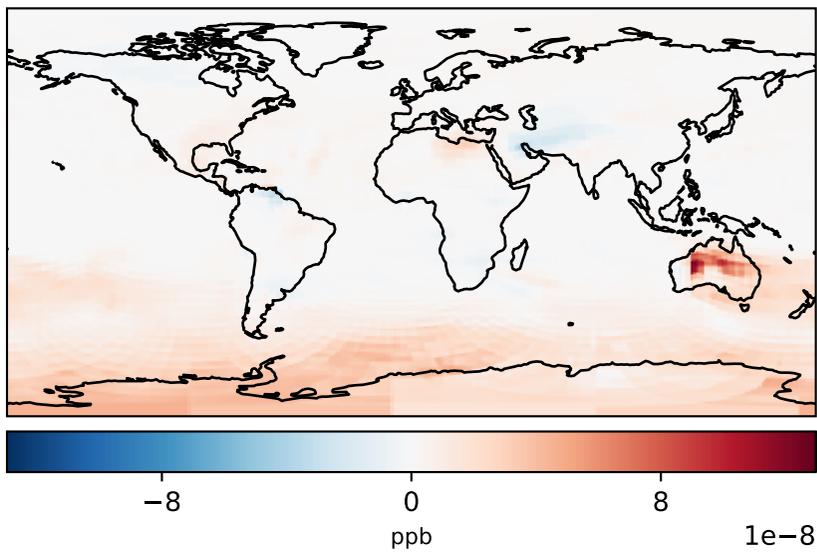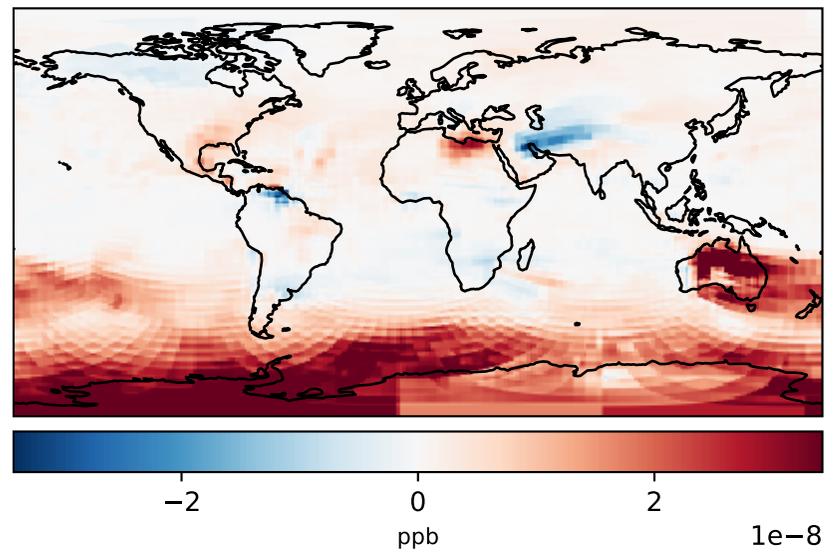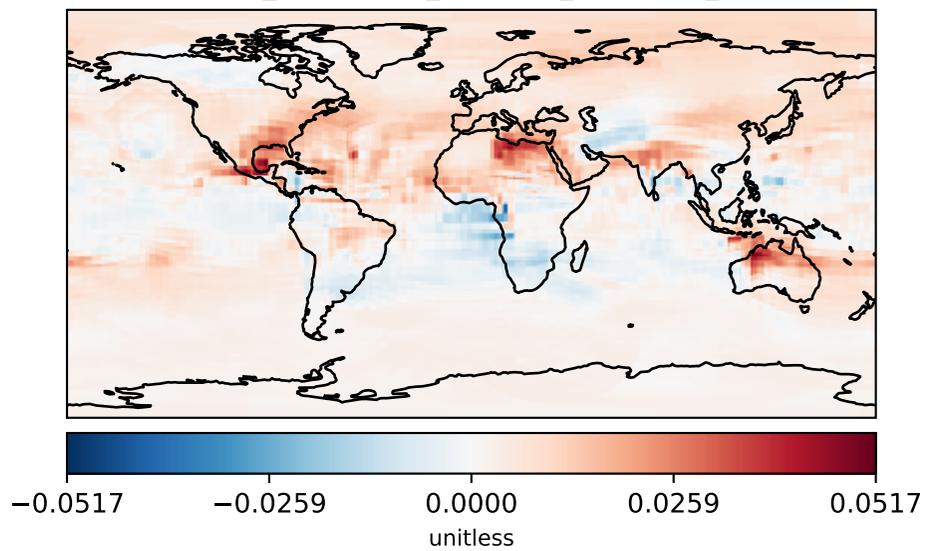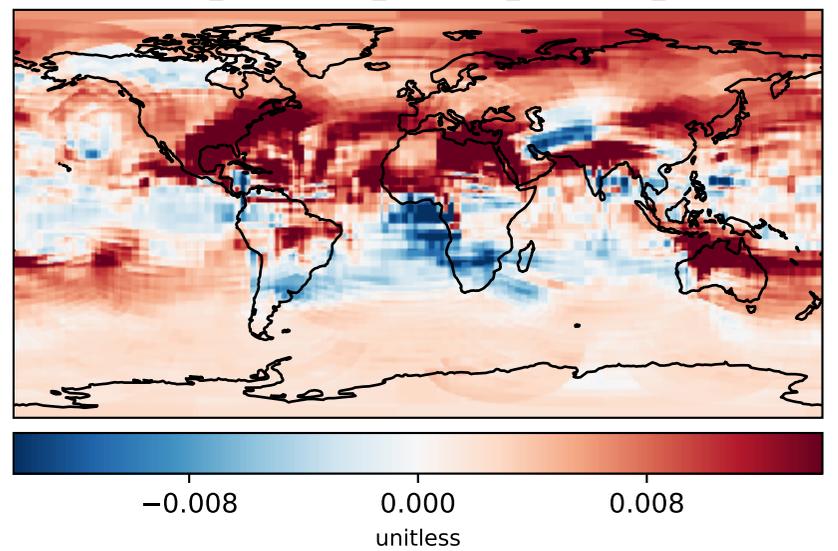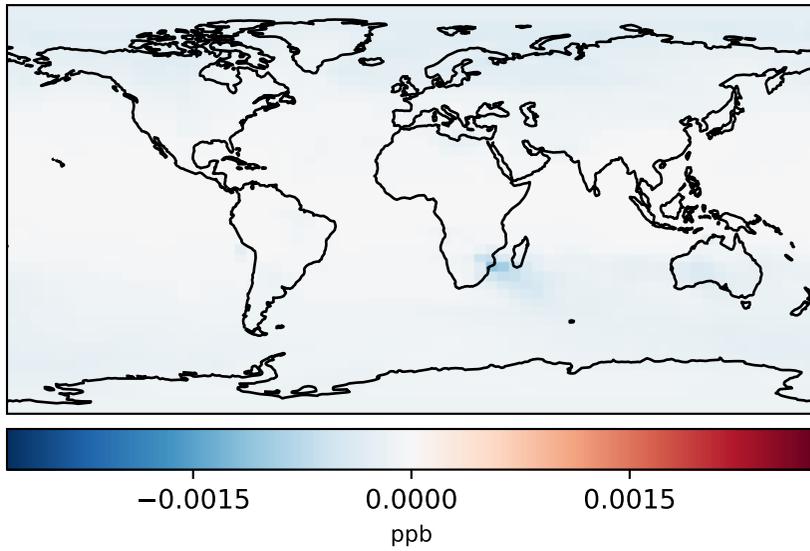Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

Difference (1x1.25), Restricted Range [5%,95%]
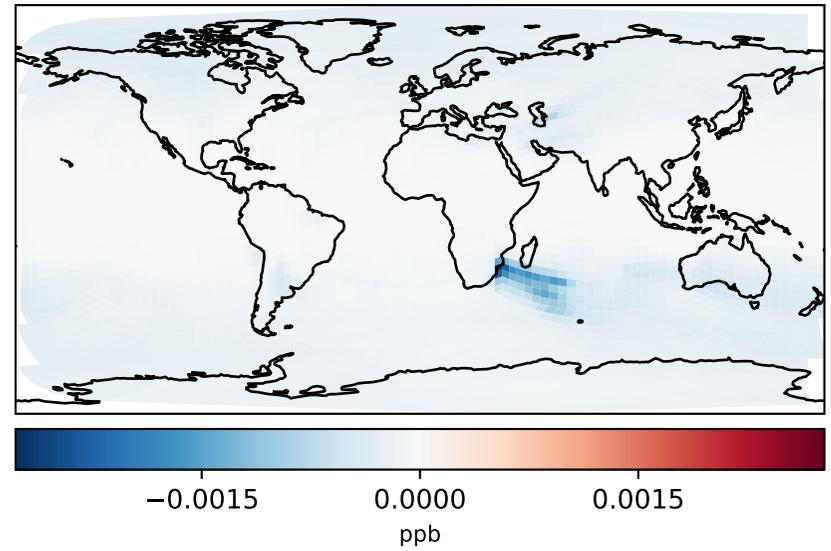GCHP_dev / GCHP_ref - GCC_dev / GCC_ref
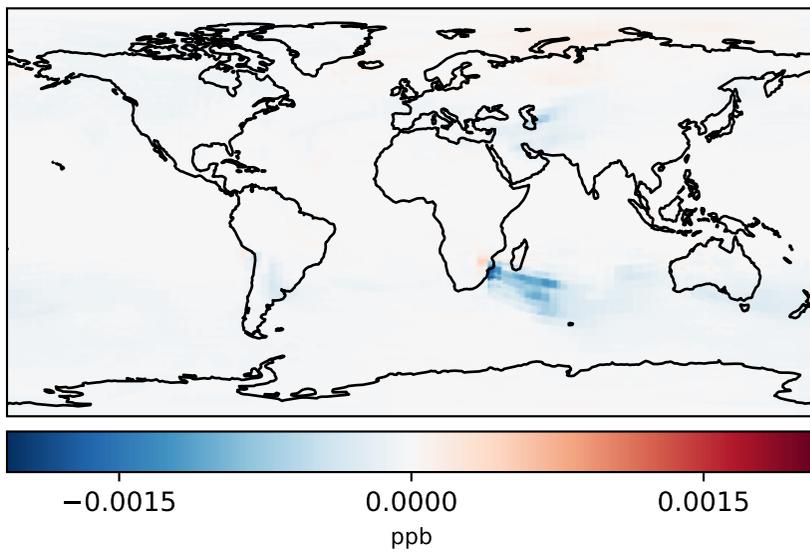
SpeciesConcVV_BrSALC (Oct2019)

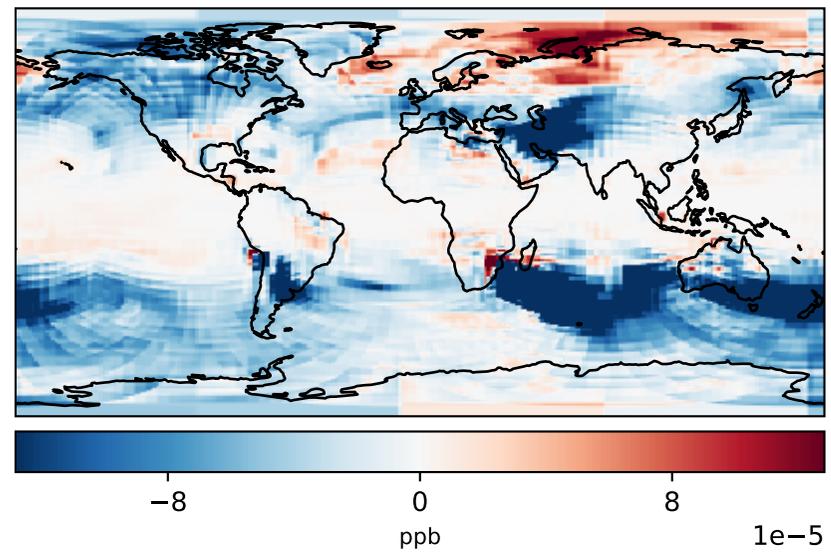gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
4.0x5.0

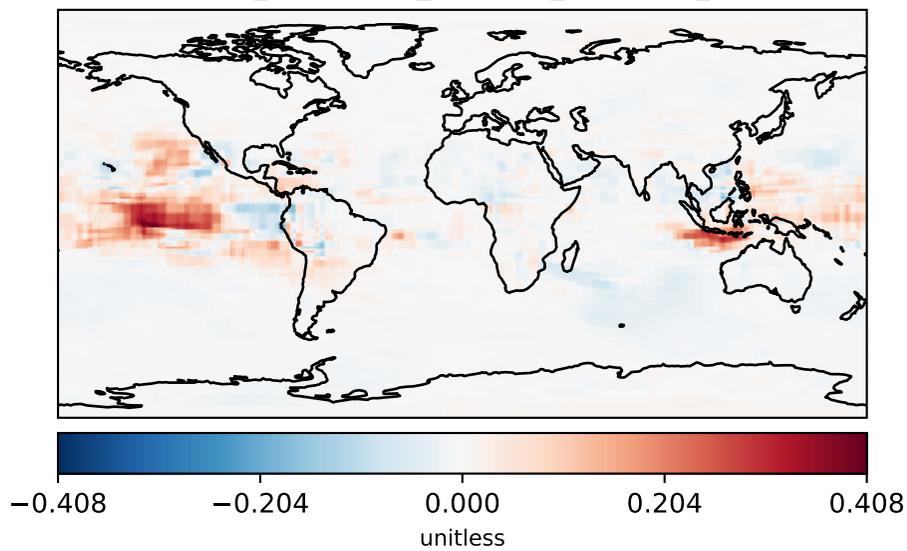gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
c24

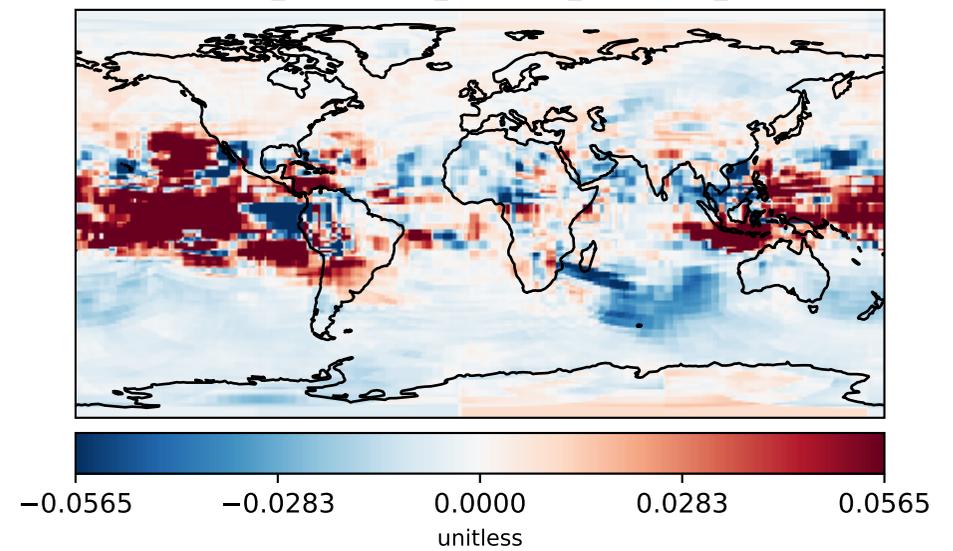Difference (1x1.25)
Dev - Ref, Dynamic Range

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

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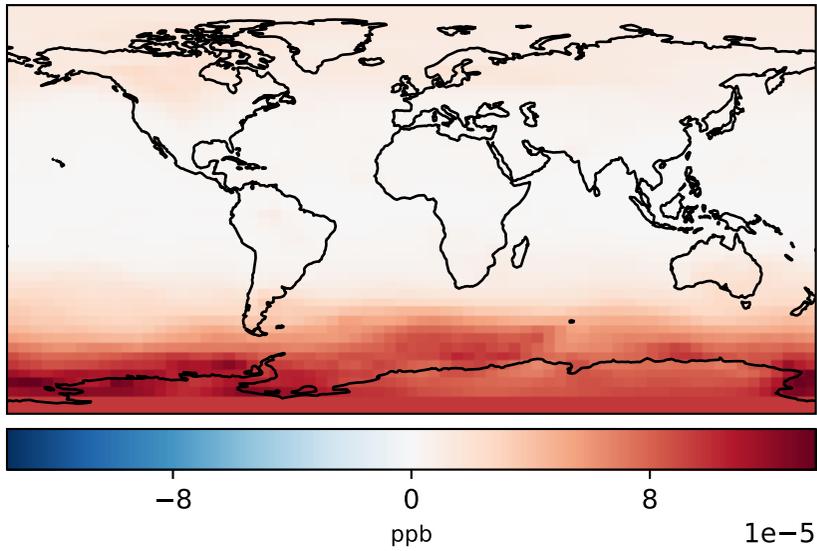GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

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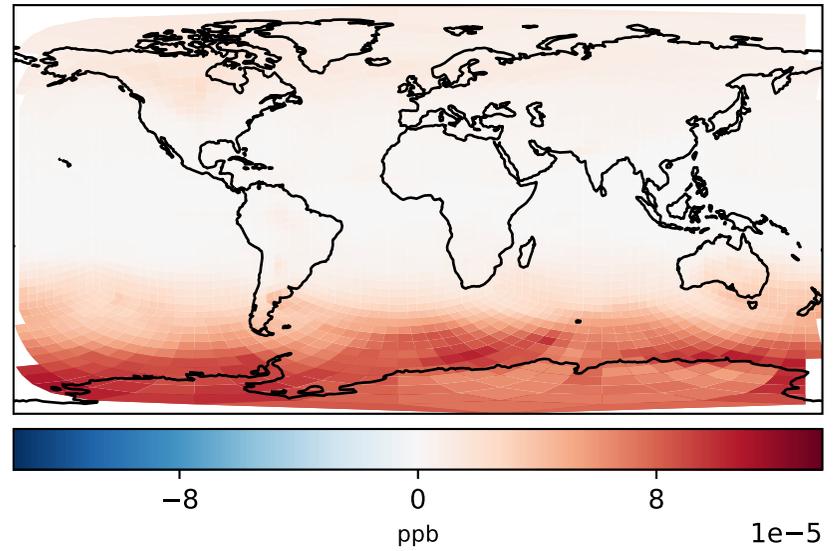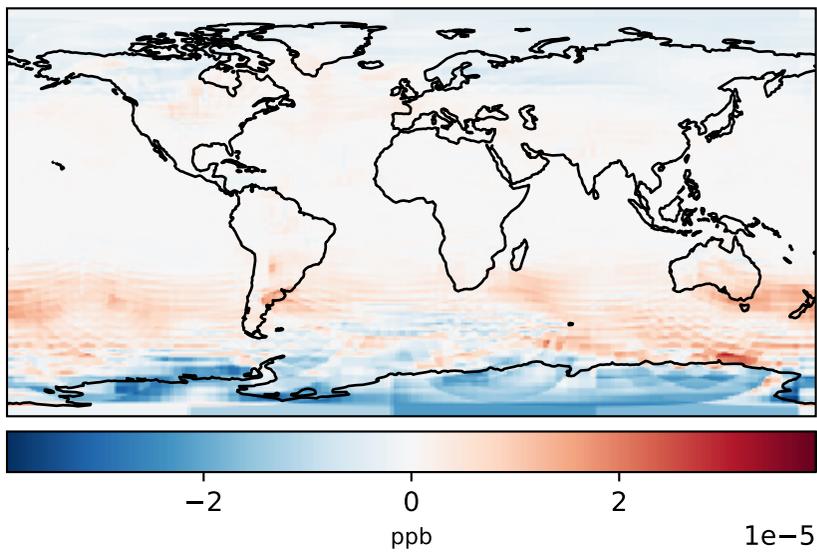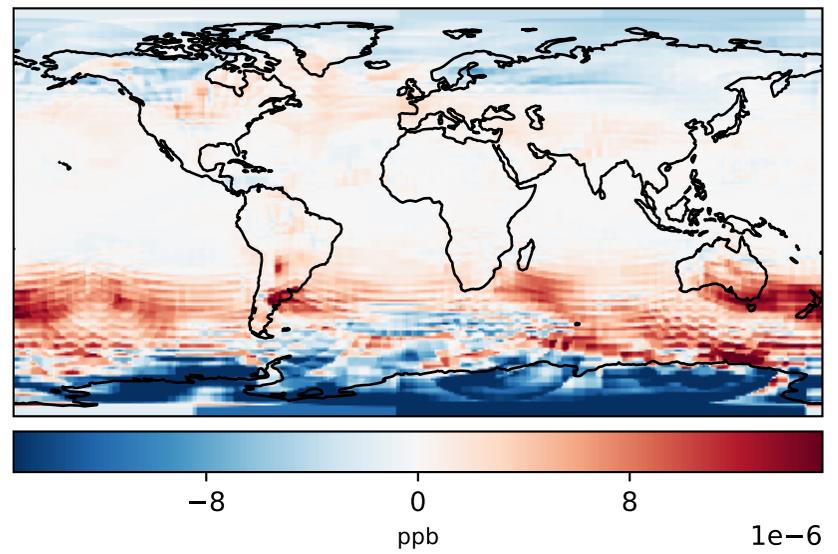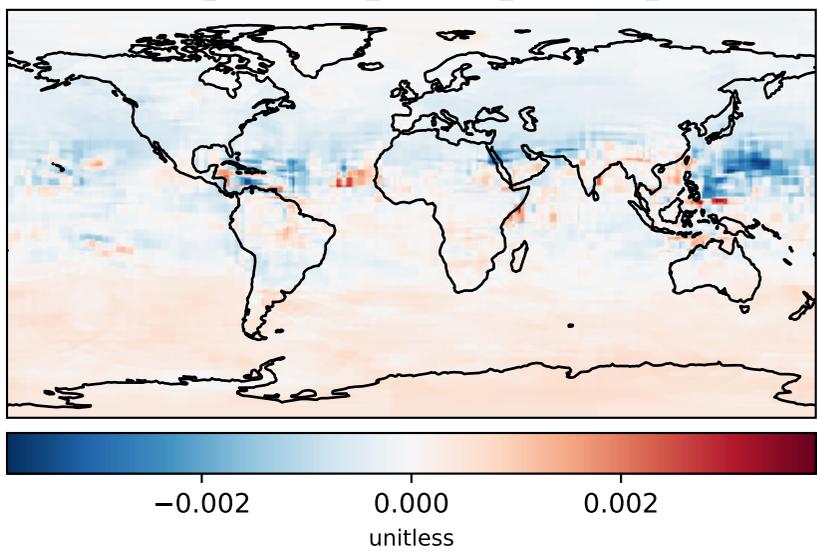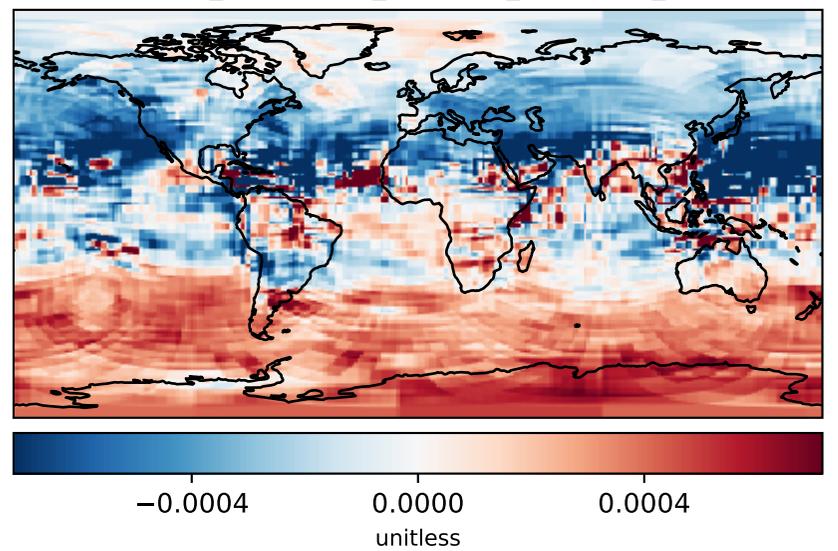GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

SpeciesConcVV_ISALA (Oct2019)

gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
4.0x5.0

gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
c24

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

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

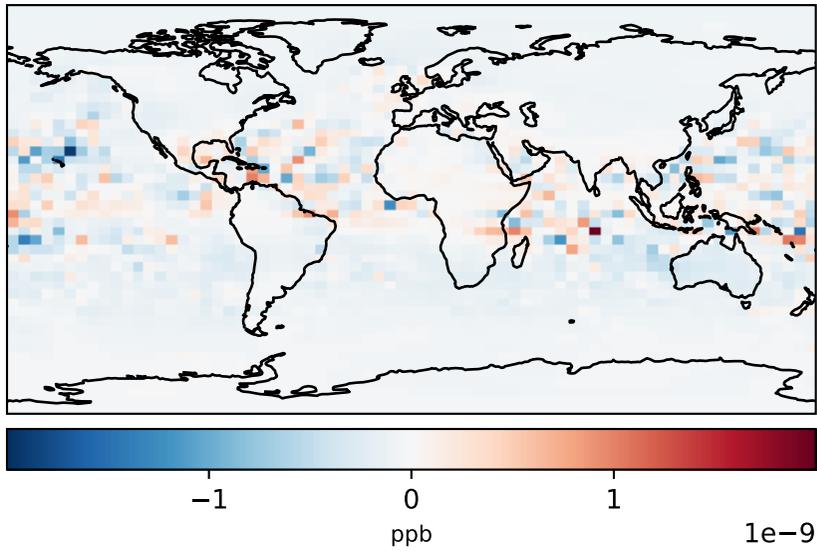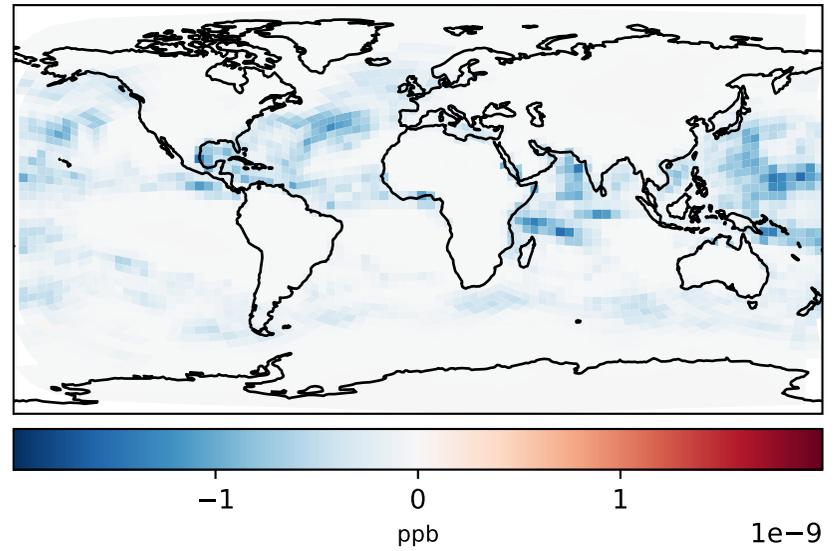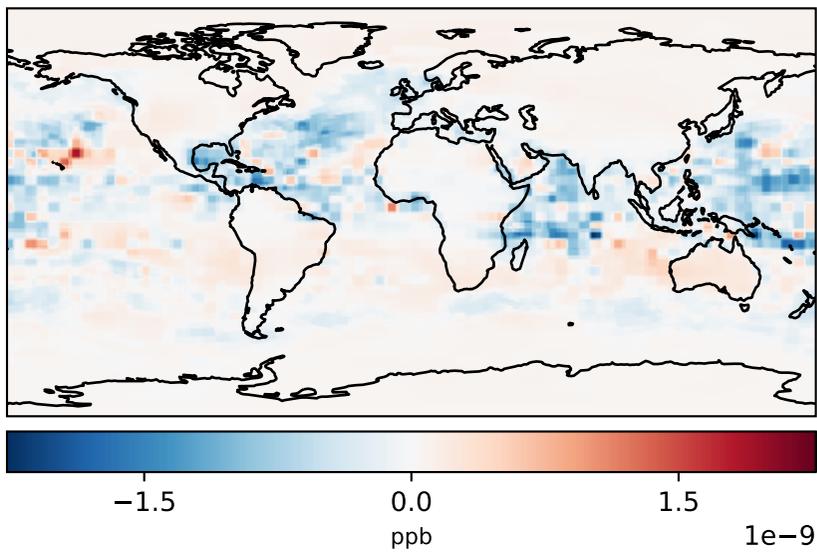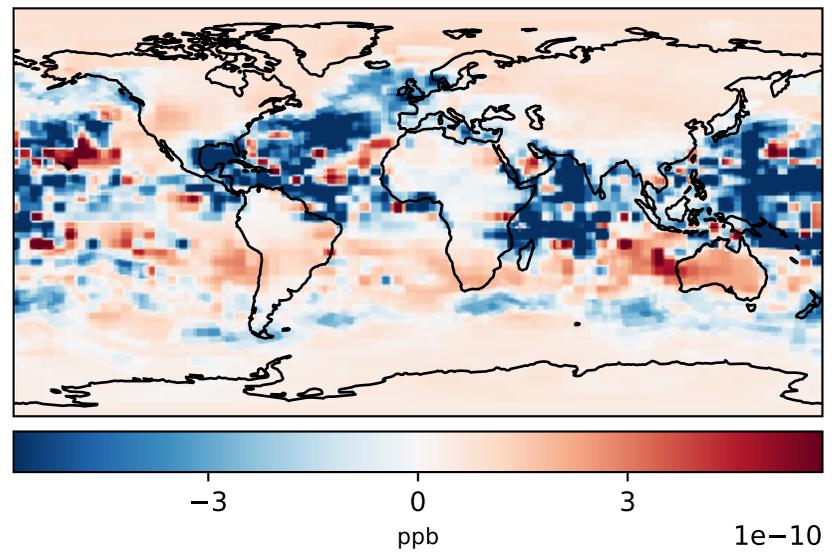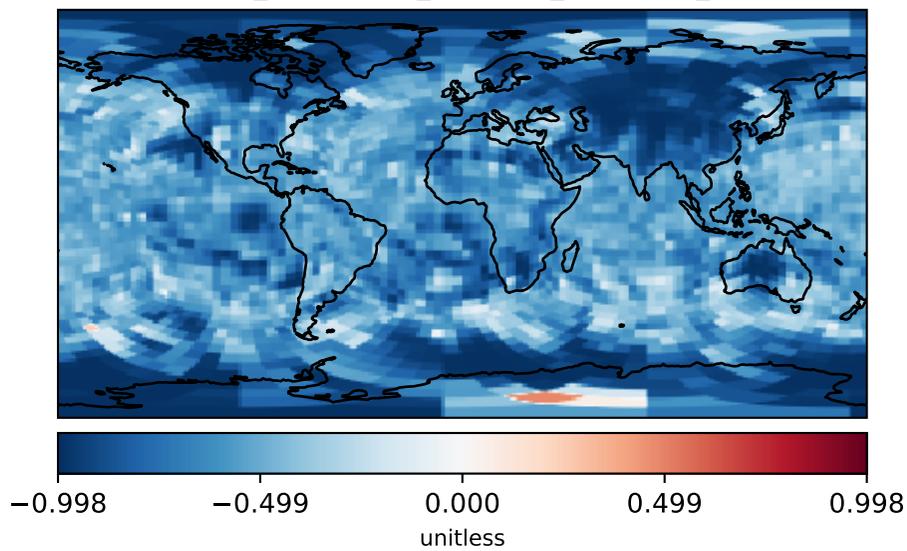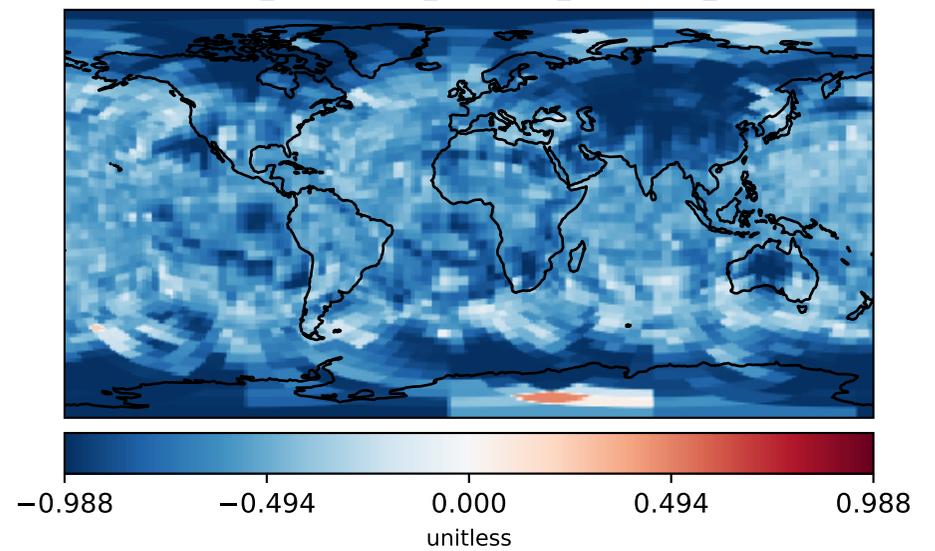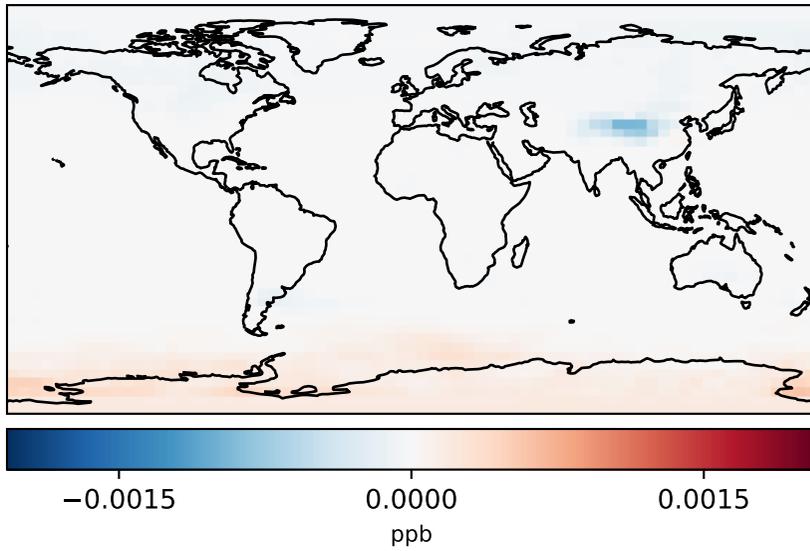Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

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

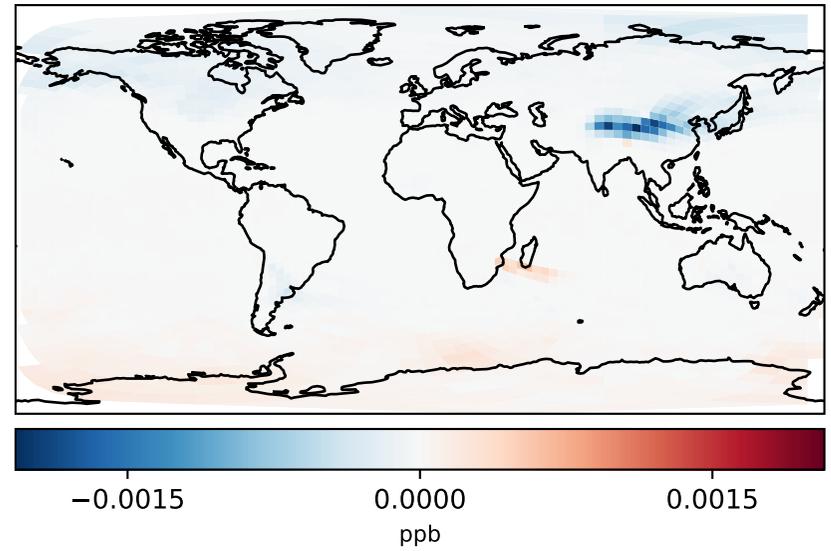# SpeciesConcVV_ISALC (Oct2019)

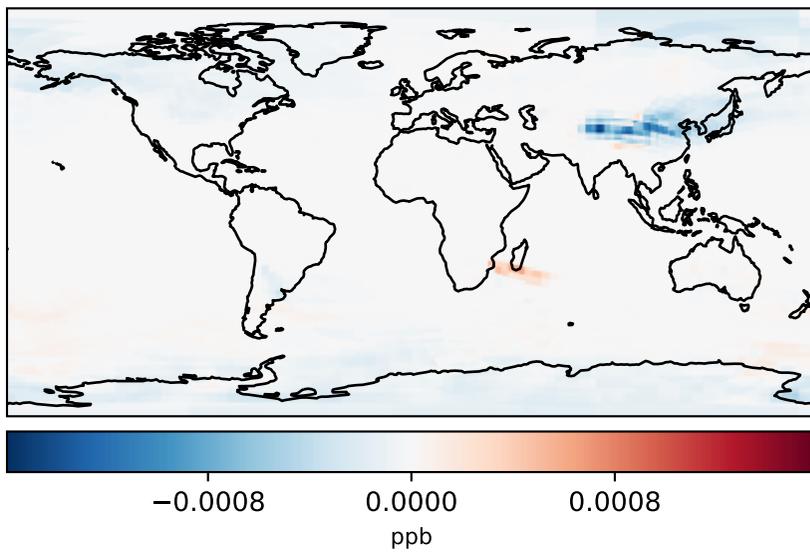# SpeciesConcVV_NITs (Oct2019)

SpeciesConcVV_SALA (Oct2019)

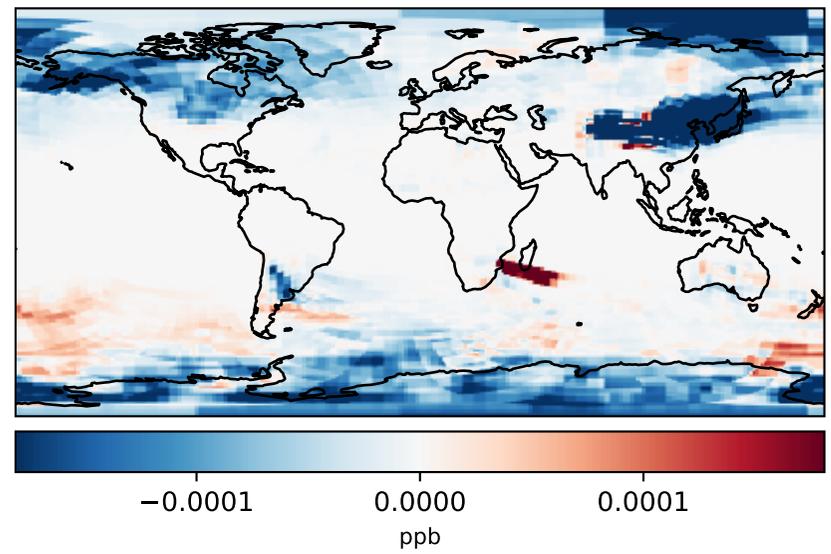gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
4.0x5.0

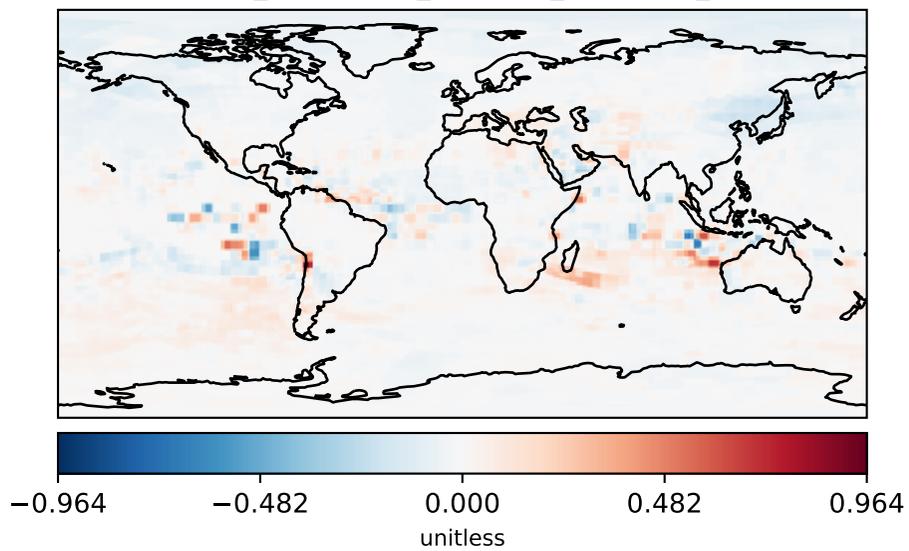gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
c24

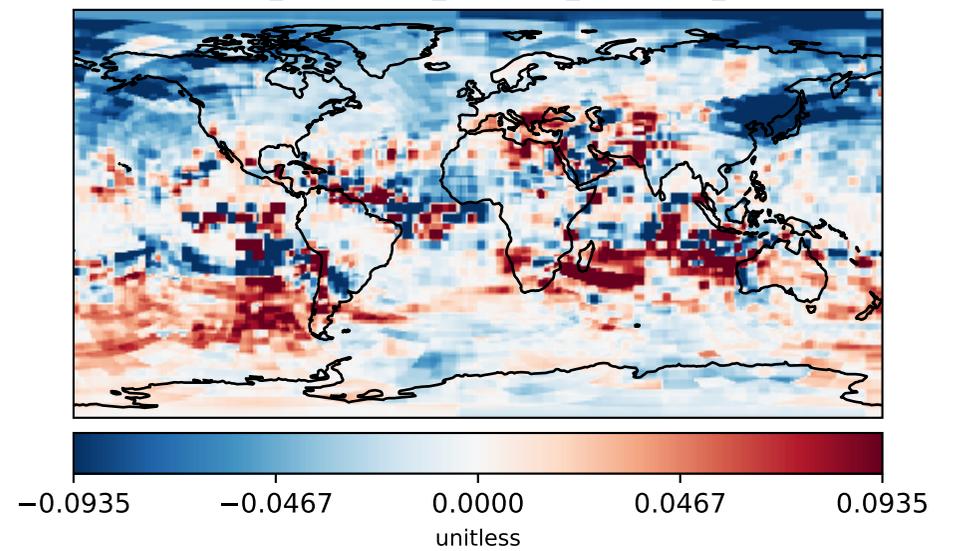Difference (1x1.25)
Dev - Ref, Dynamic Range

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

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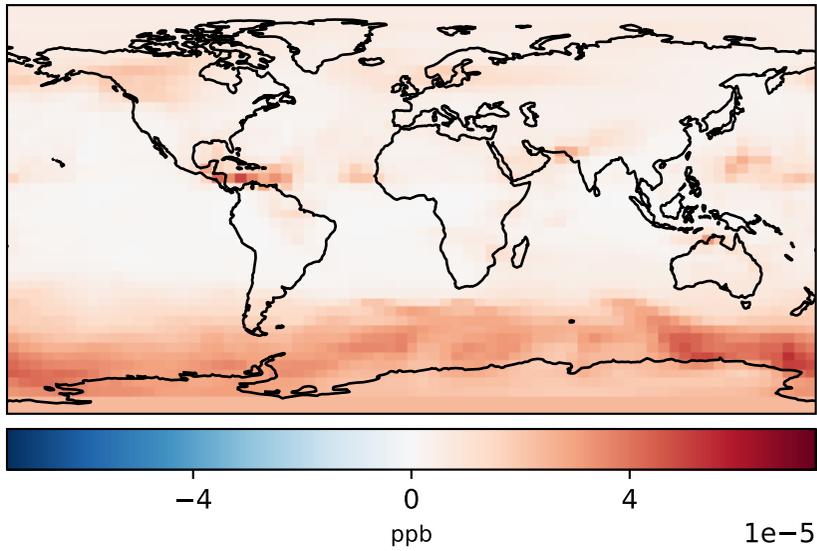GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

Difference (1x1.25), Restricted Range [5%,95%]
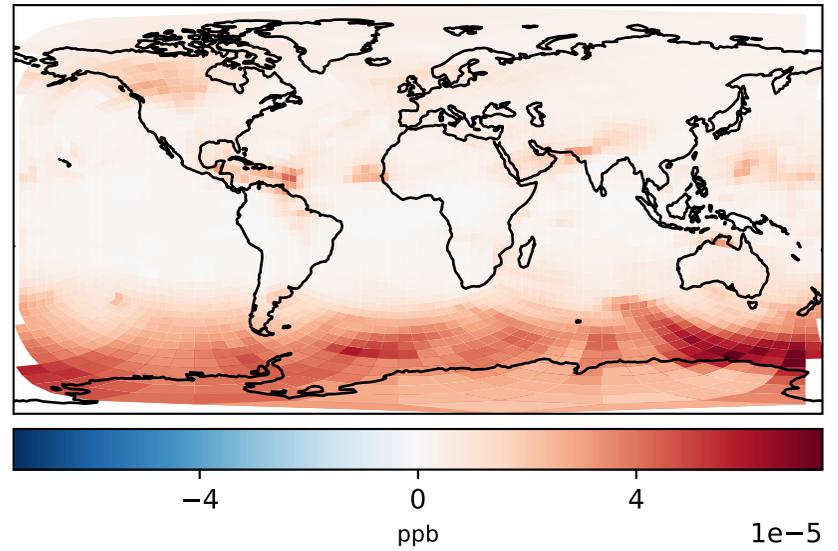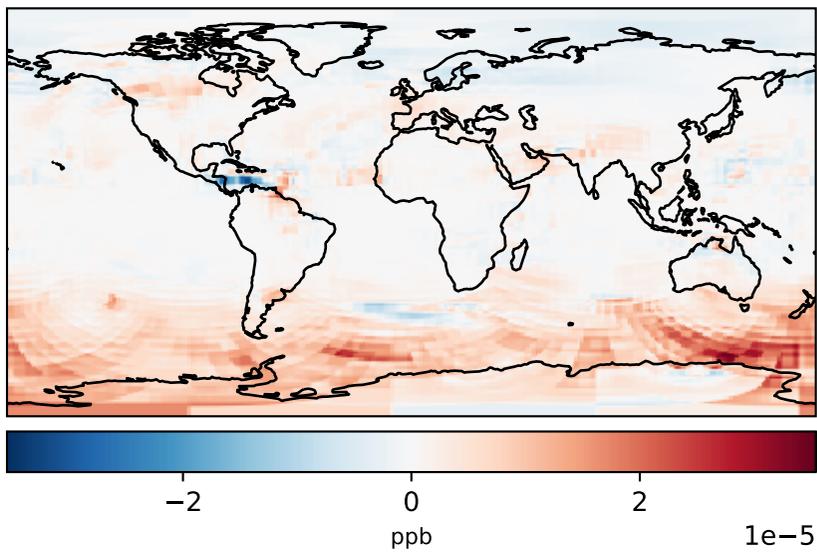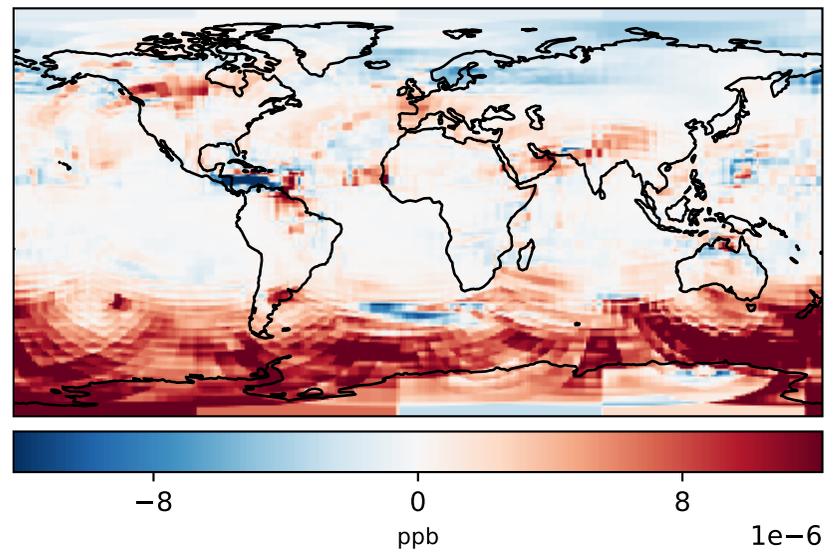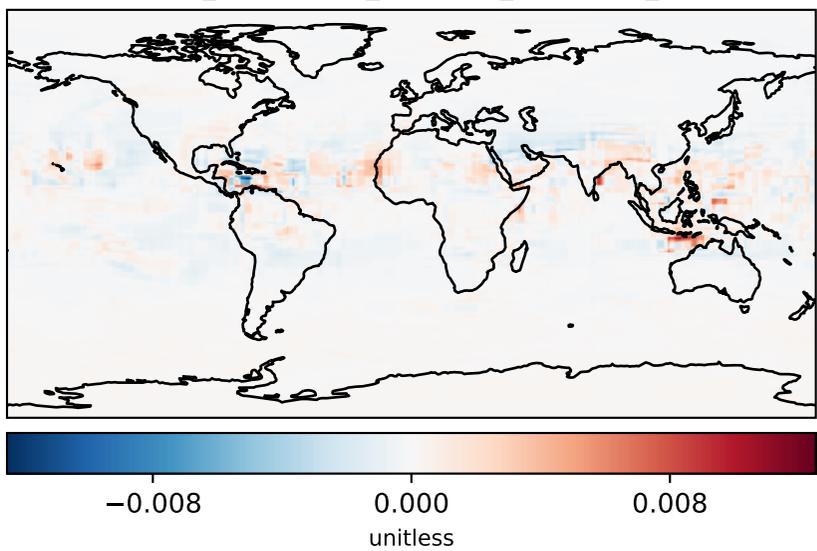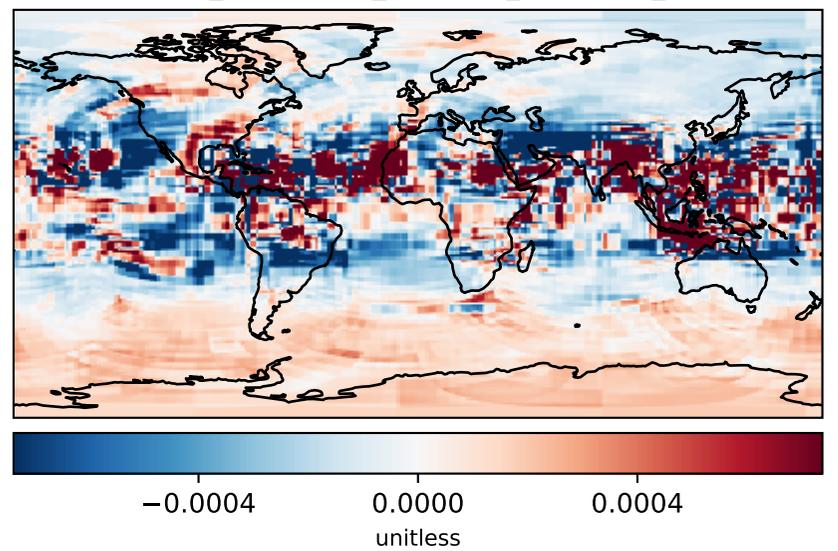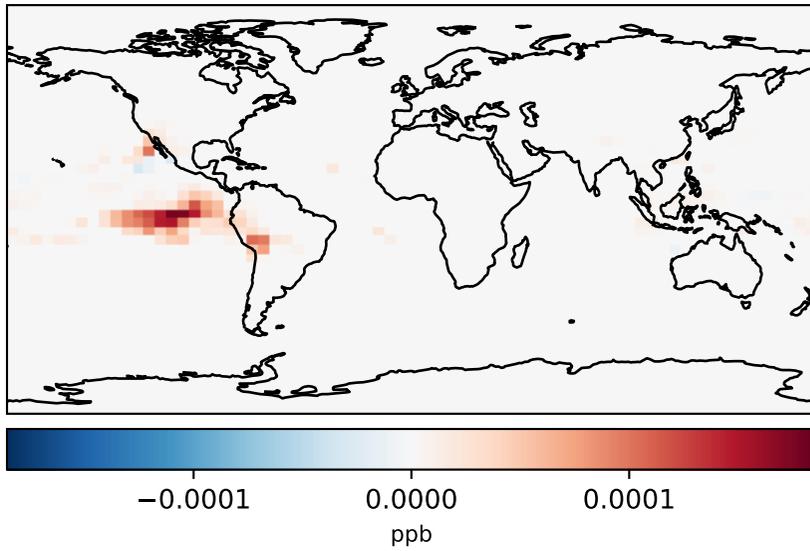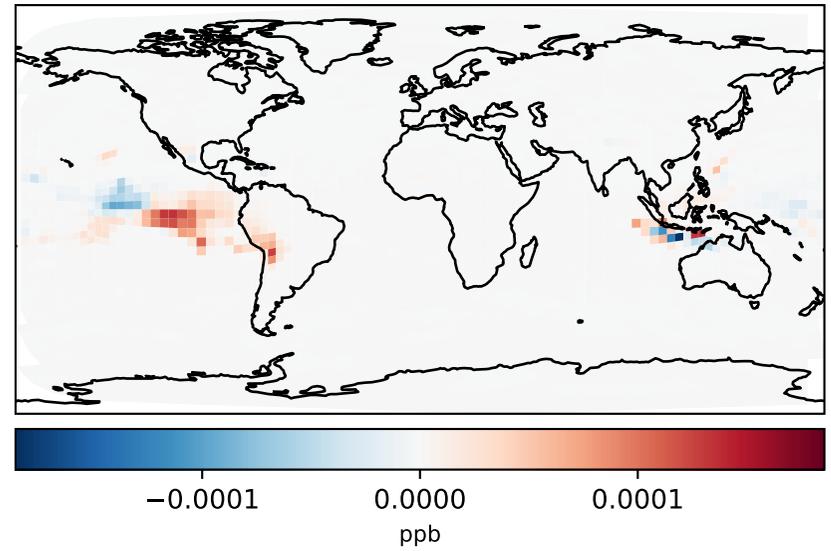GCHP_dev / GCHP_ref - GCC_dev / GCC_ref
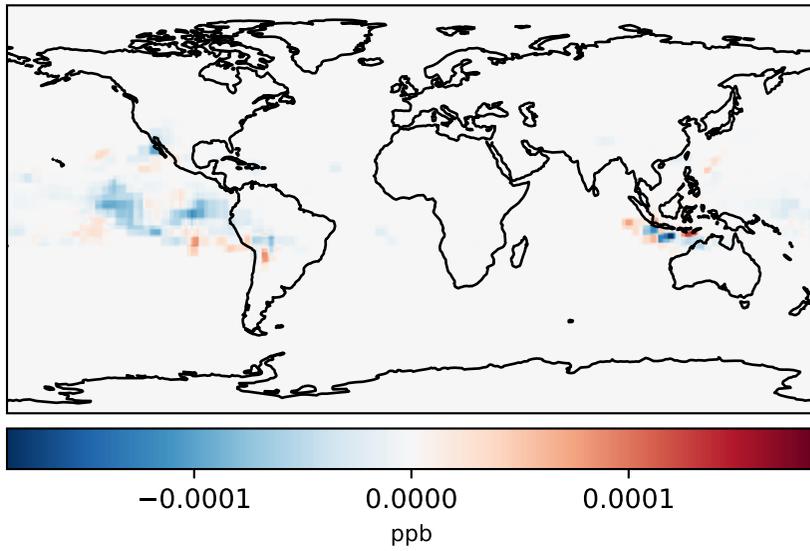
SpeciesConcVV_SALAAL (Oct2019)

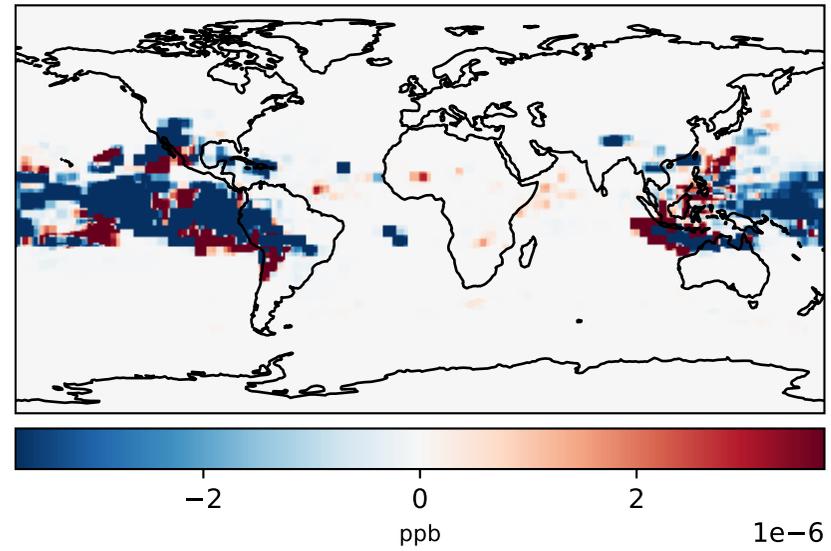gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
4.0x5.0
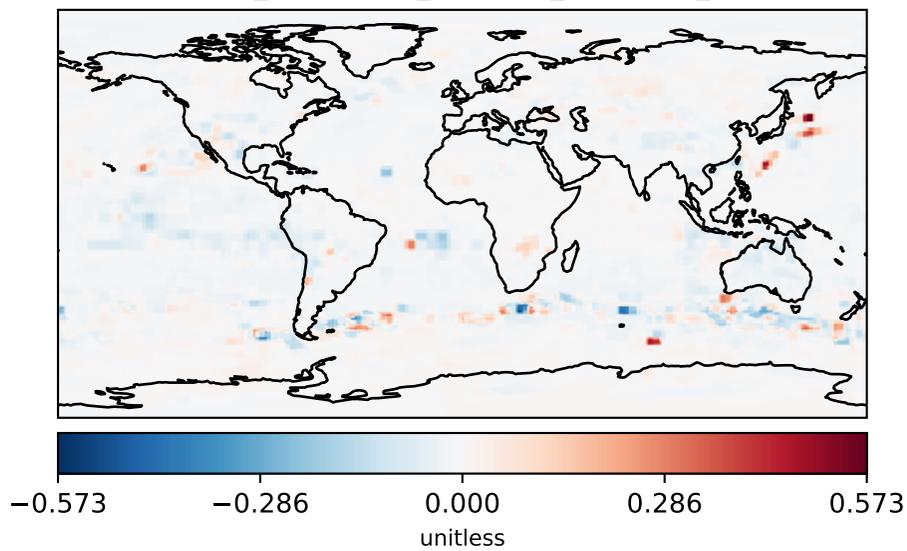
gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
c24

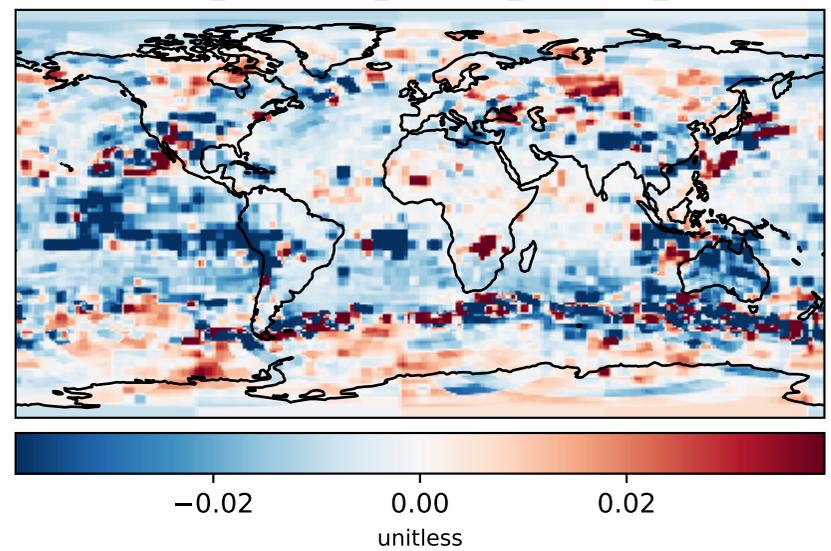Difference (1x1.25)
Dev - Ref, Dynamic Range

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

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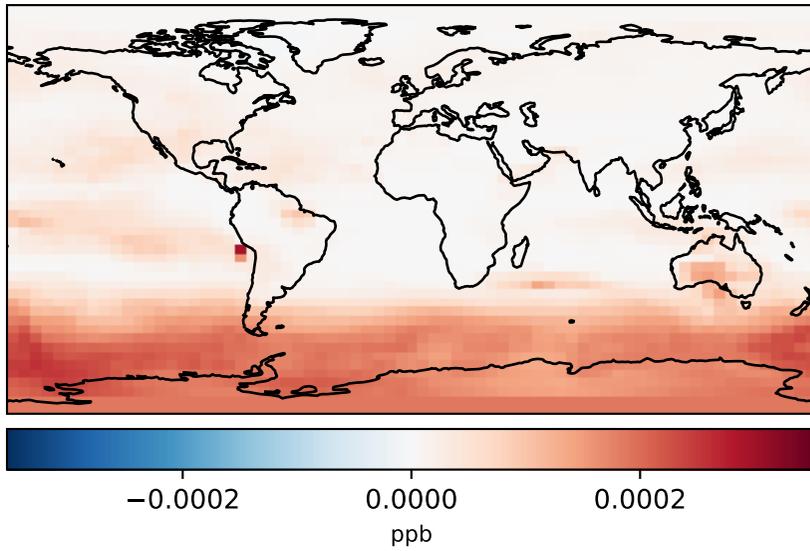GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

Difference (1x1.25), Restricted Range [5%,95%]
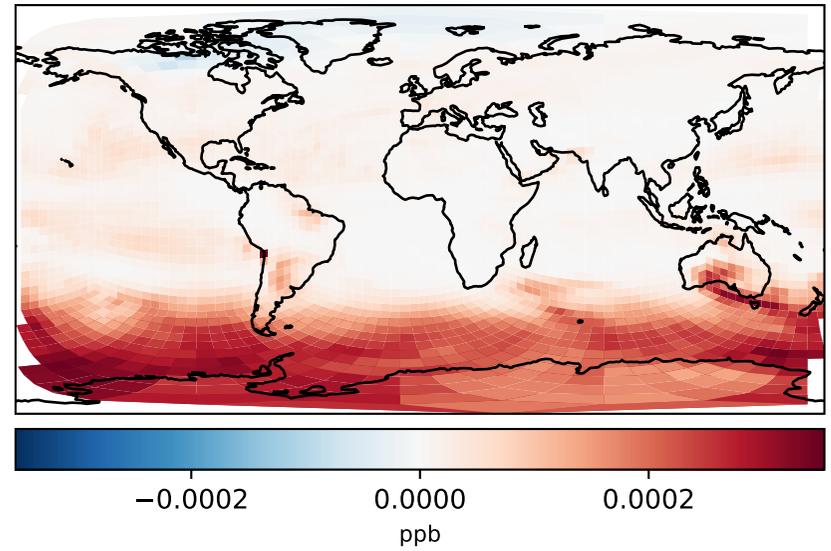GCHP_dev / GCHP_ref - GCC_dev / GCC_ref
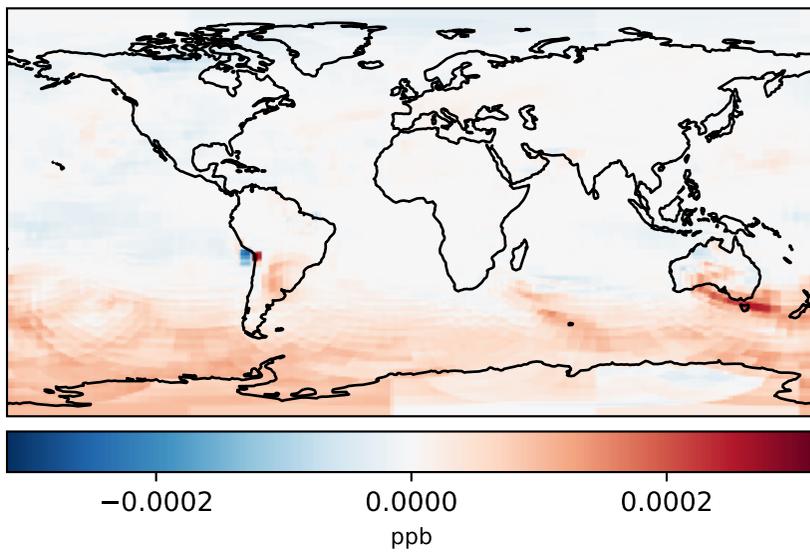
SpeciesConcVV_SALACL (Oct2019)

SpeciesConcVV_SALC (Oct2019)

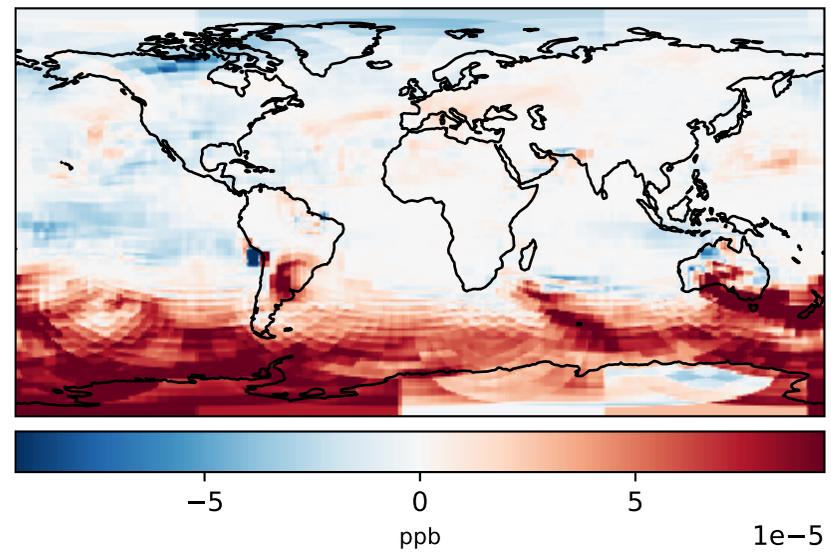gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
4.0x5.0

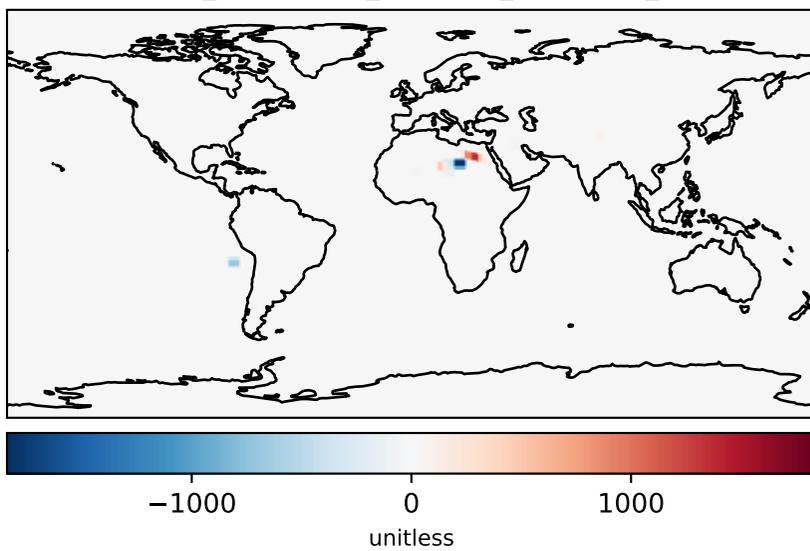gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
c24
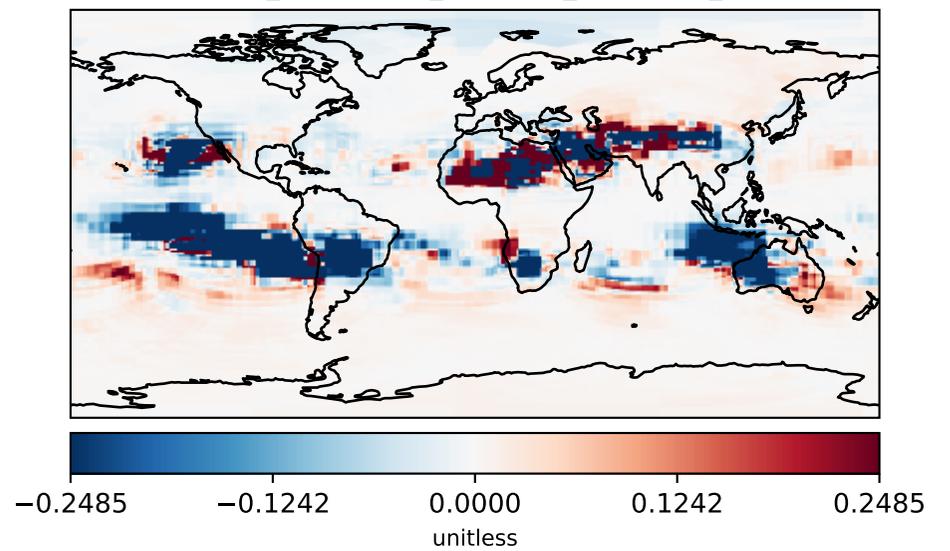
Difference (1x1.25)
Dev - Ref, Dynamic Range

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

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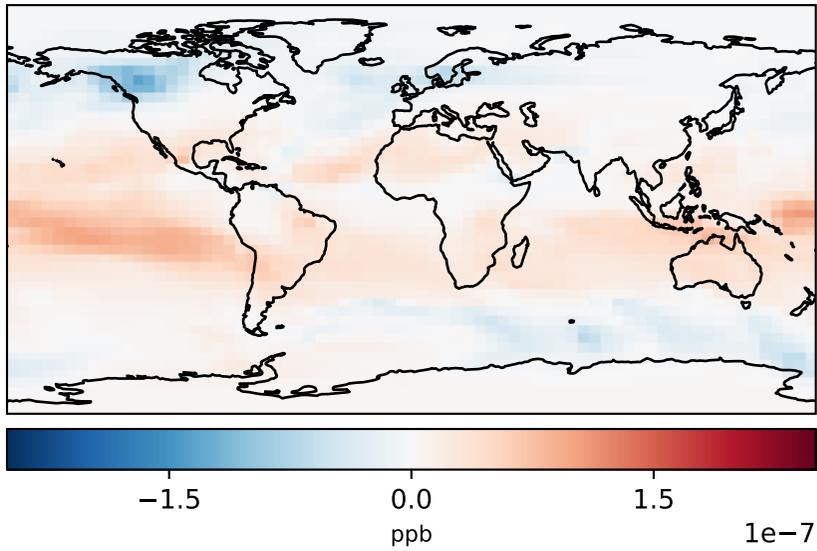GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

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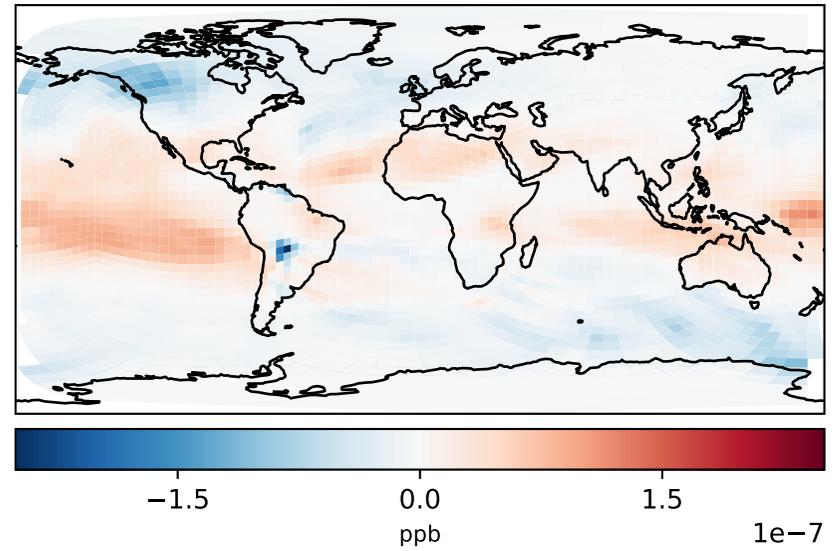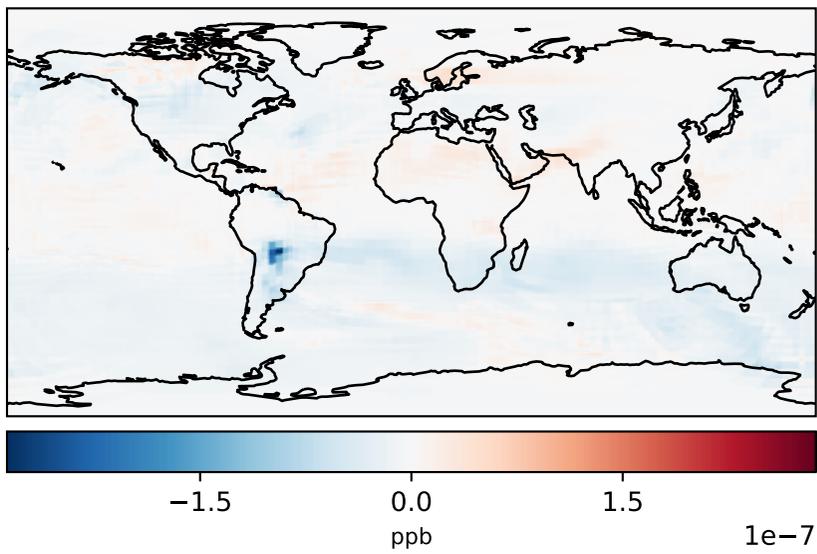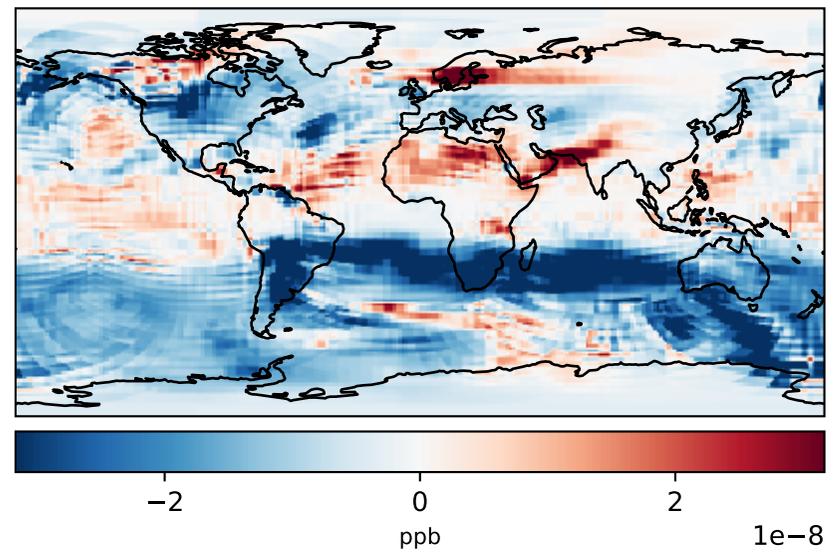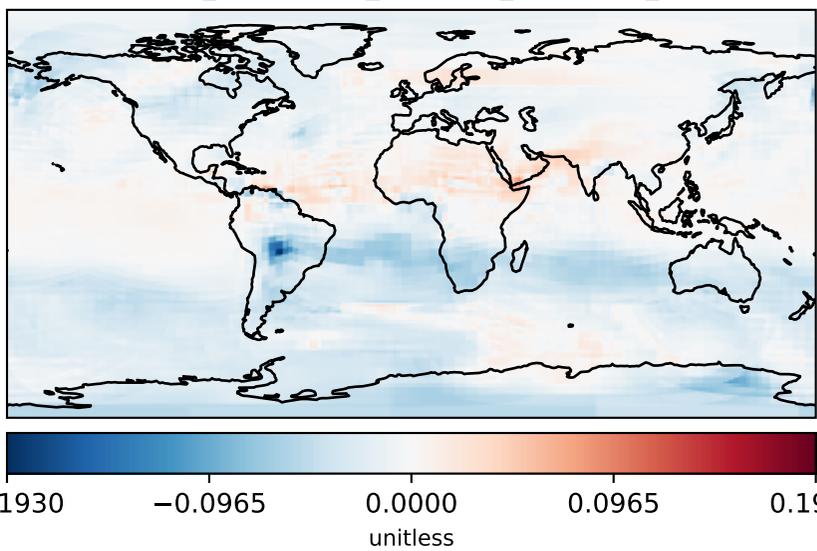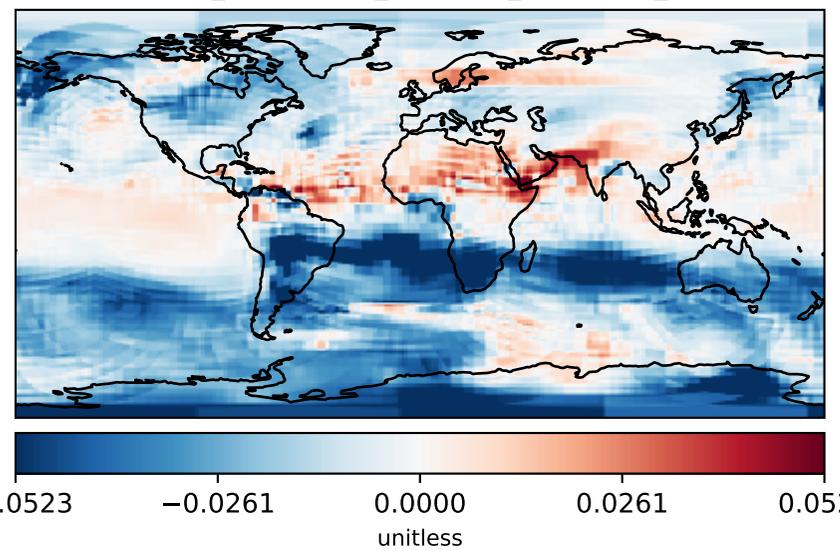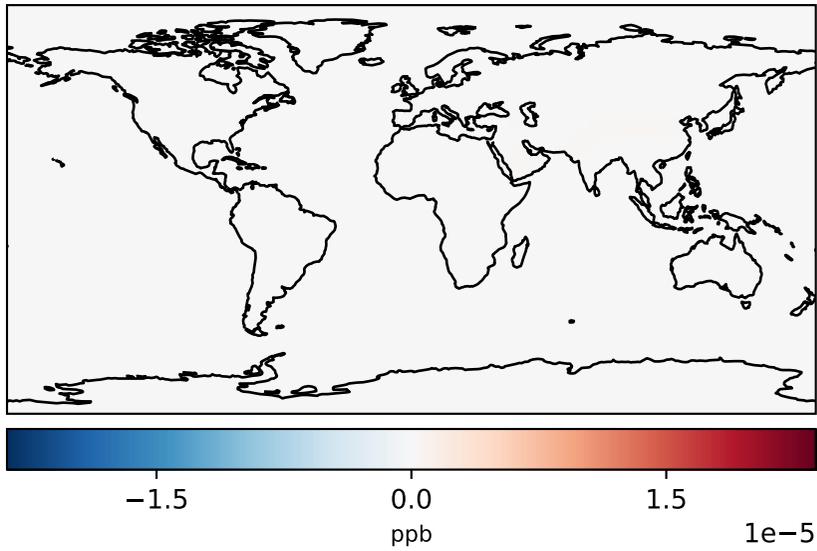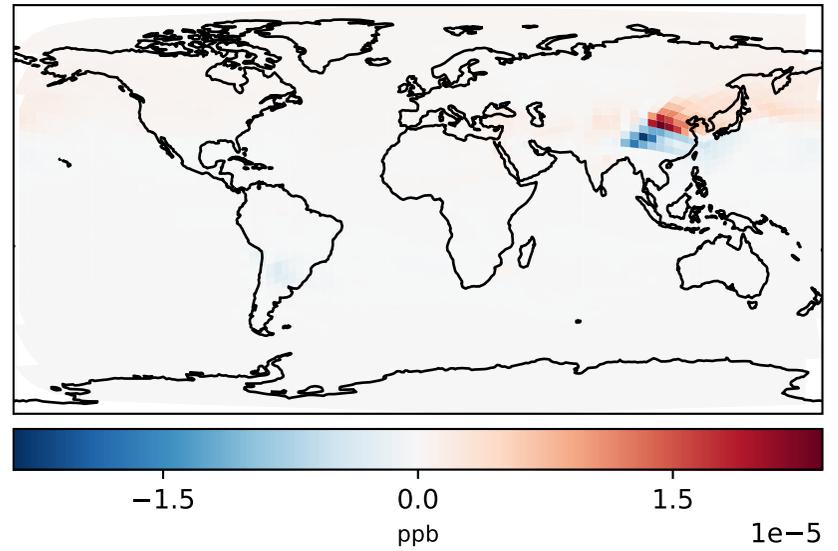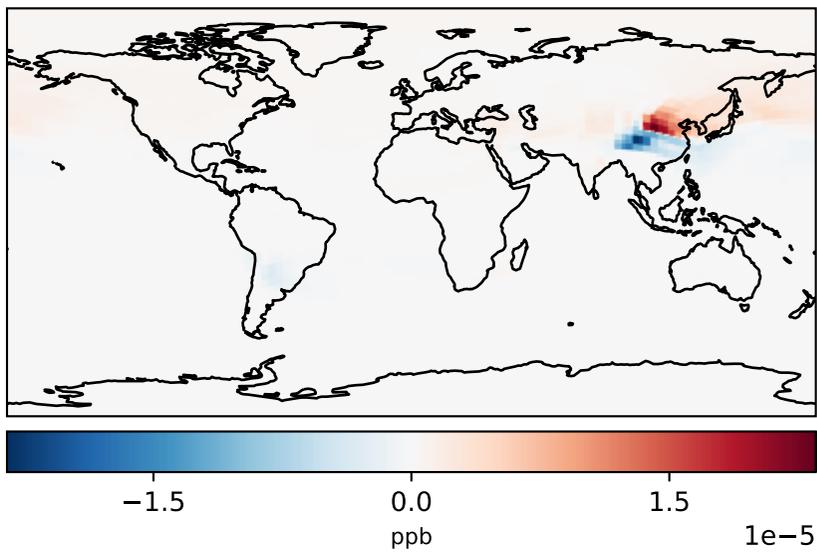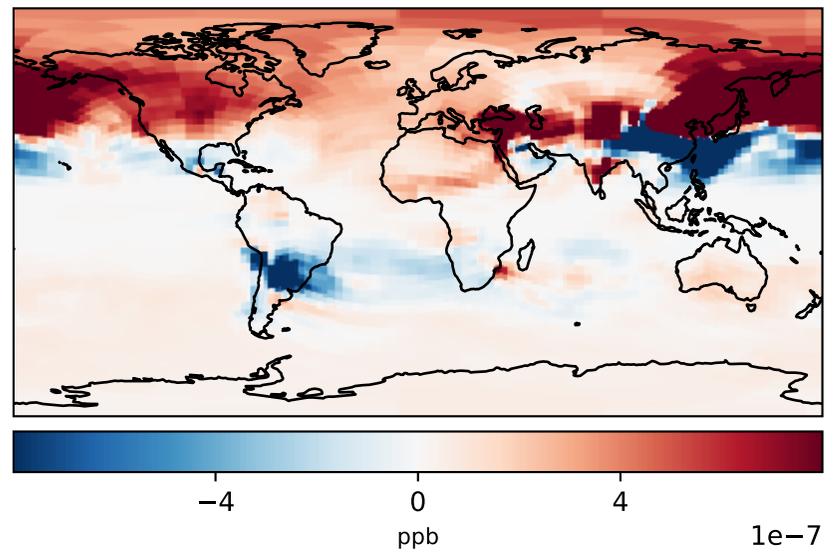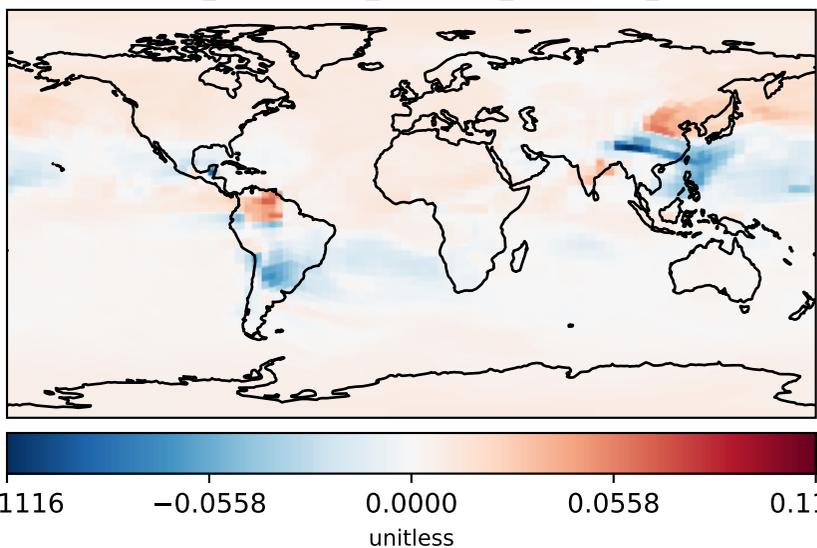GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

SpeciesConcVV_SALCAL (Oct2019)

SpeciesConcVV_SALCCL (Oct2019)

SpeciesConcVV_SO4s (Oct2019)

SpeciesConcVV_pFe (Oct2019)