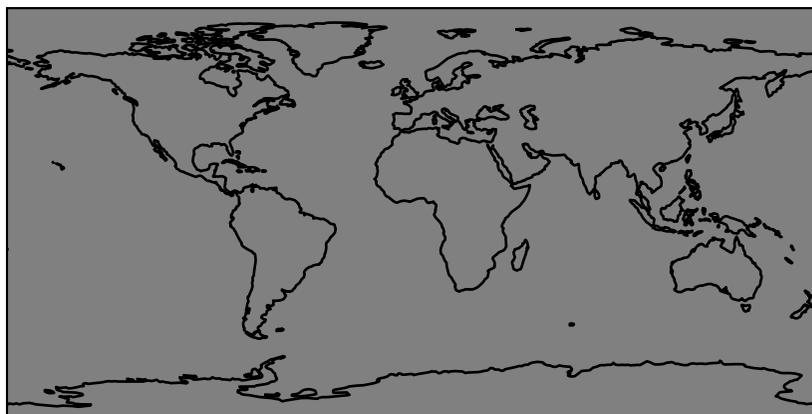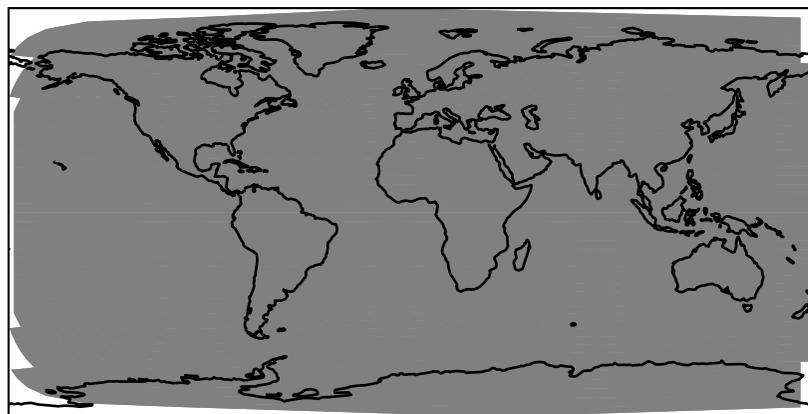# SpeciesConcVV_DST1 (Jul2019)
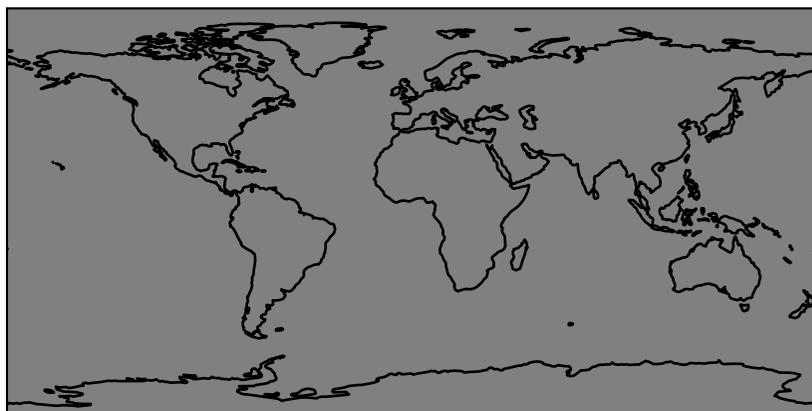

gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
4.0x5.0

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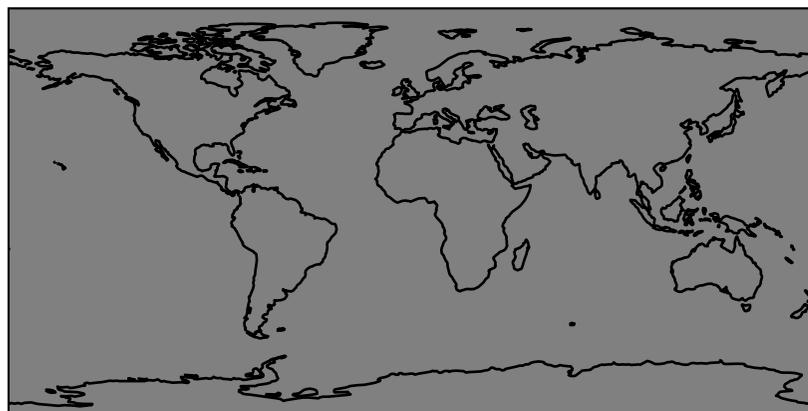gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
c24

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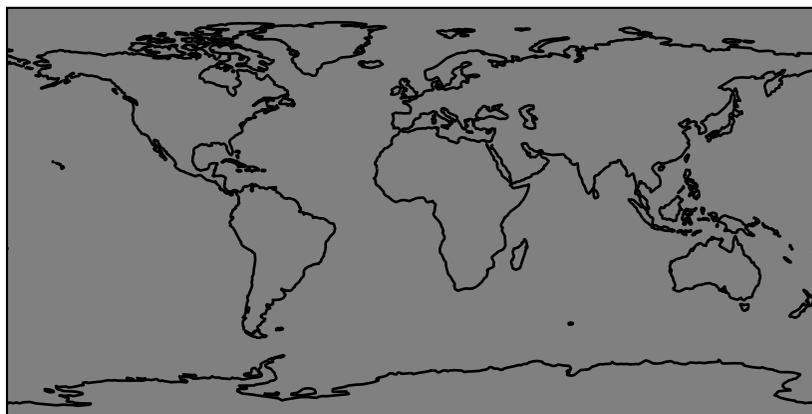Dev - Ref, Dynamic Range

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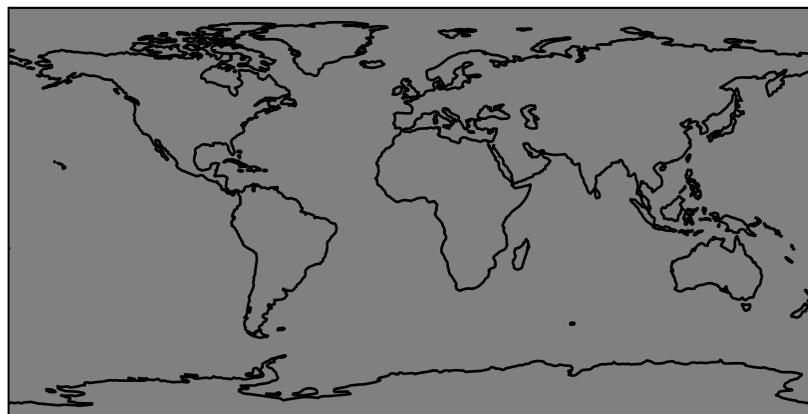Dev - Ref, Restricted Range [5%,95%]

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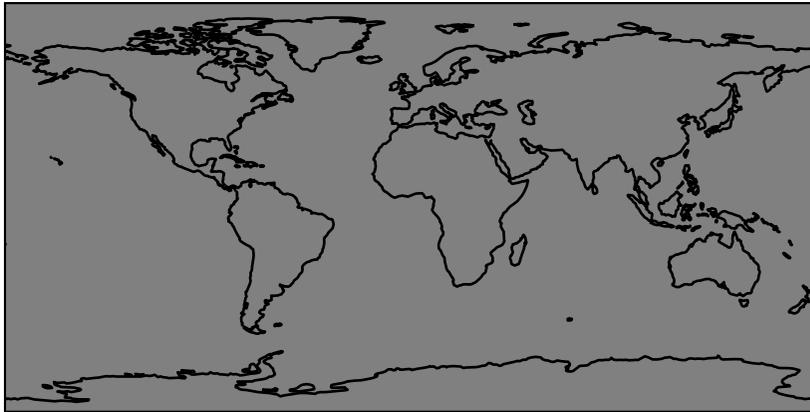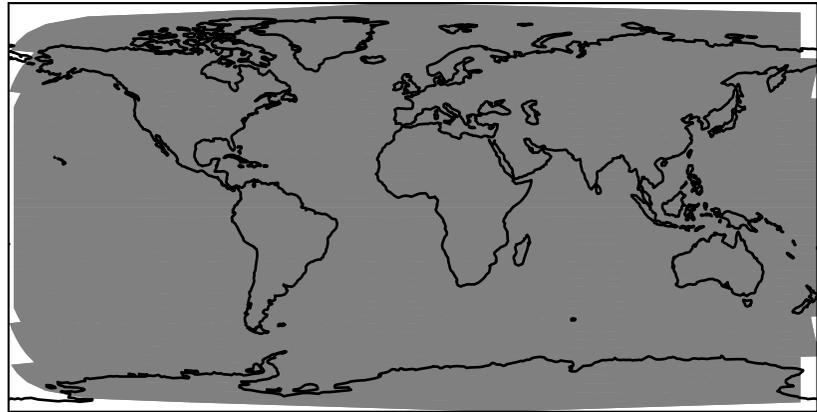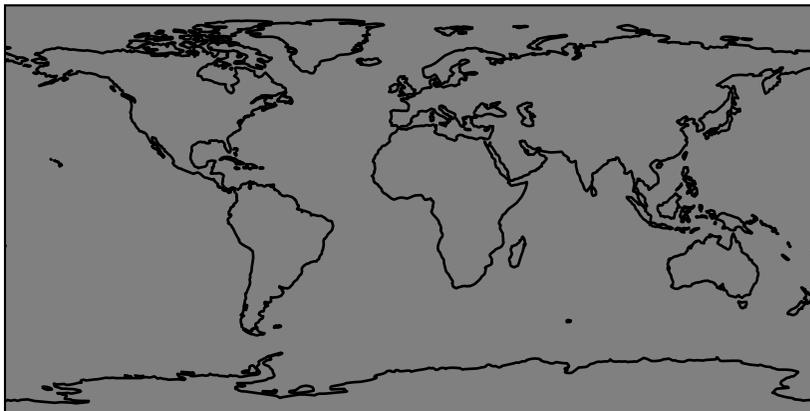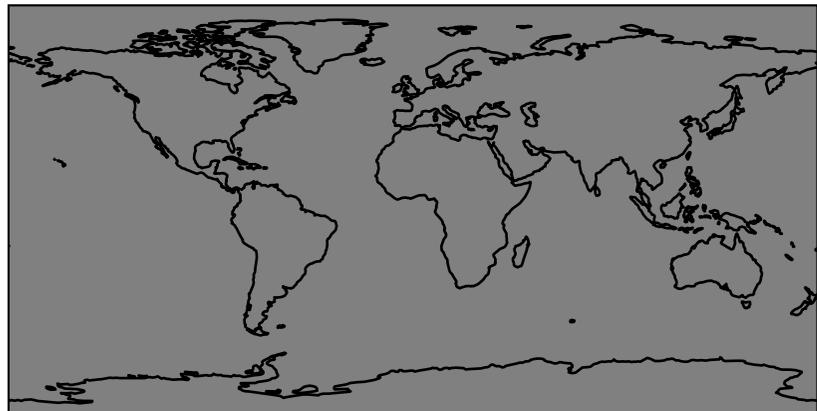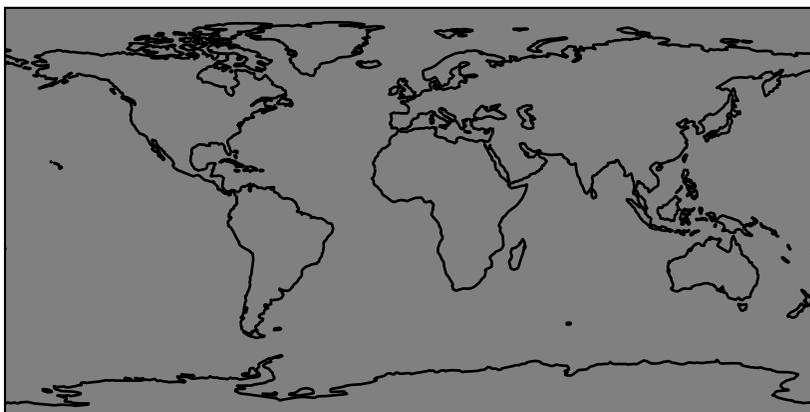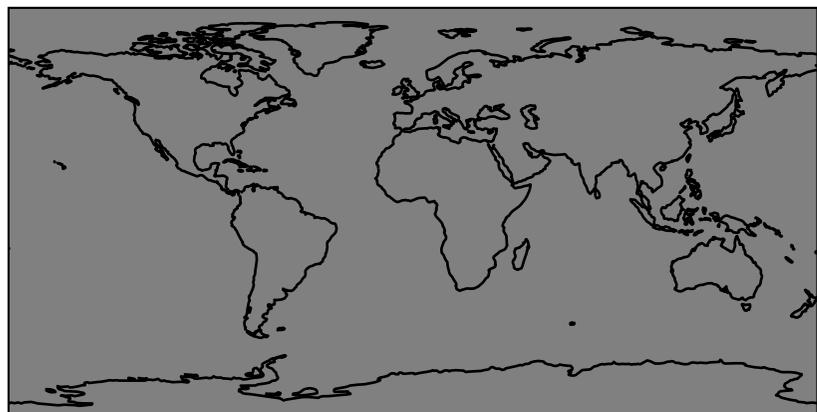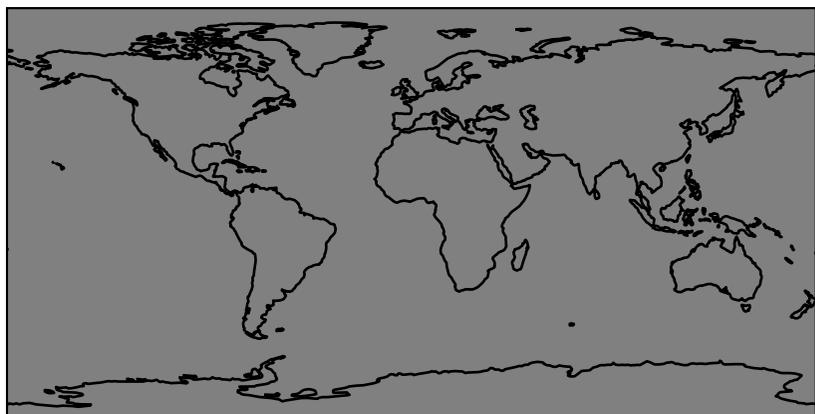
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Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

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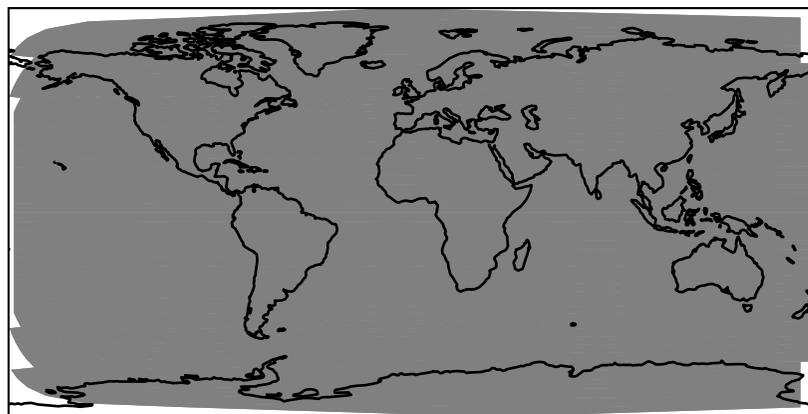
SpeciesConcVV_DST2 (Jul2019)

SpeciesConcVV_DST3 (Jul2019)

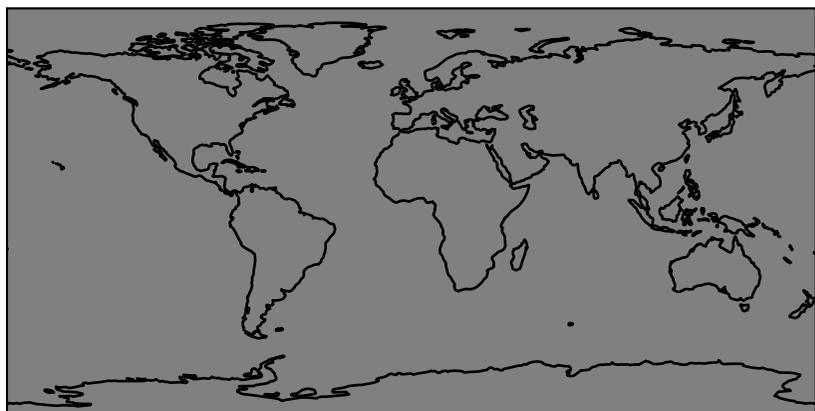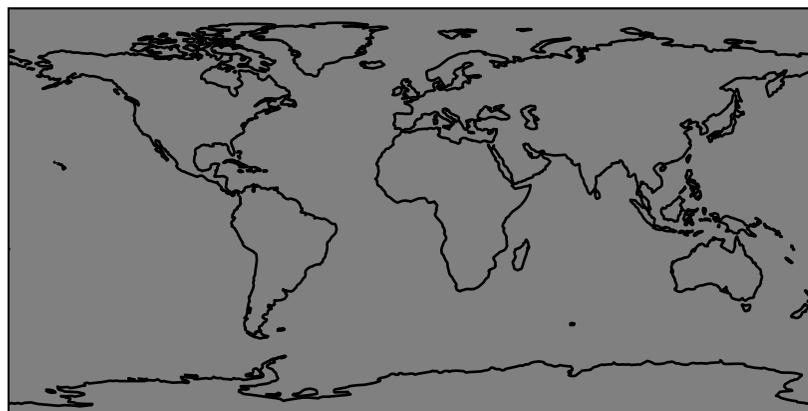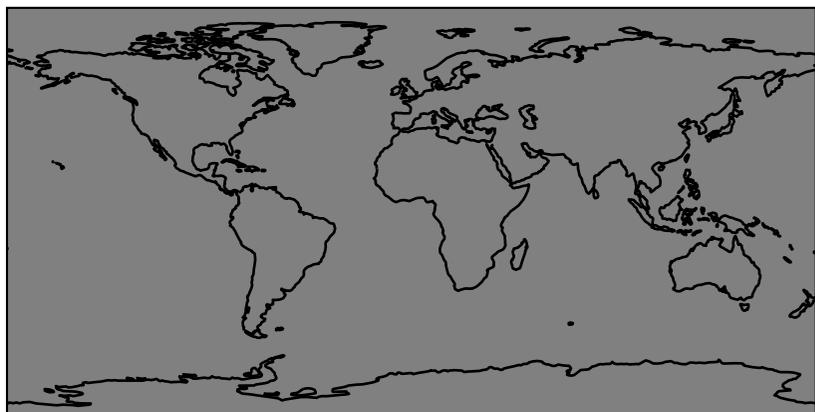gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
4.0x5.0

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ppb

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

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ppb

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

Undefined throughout domain
ppb

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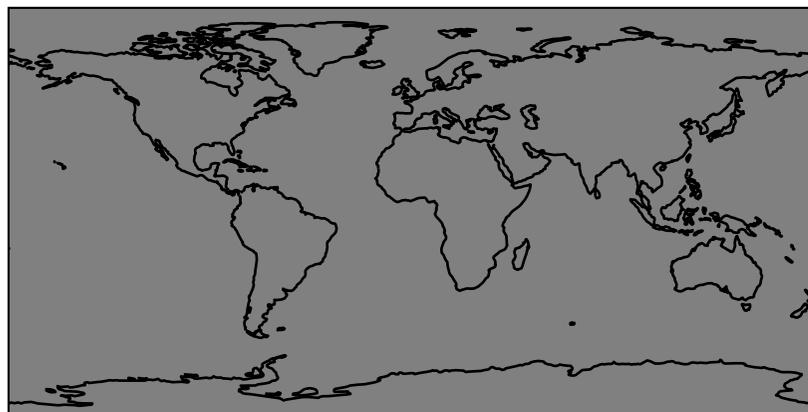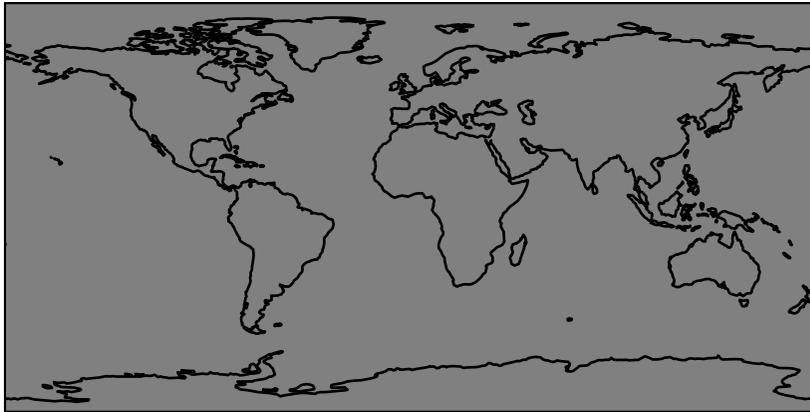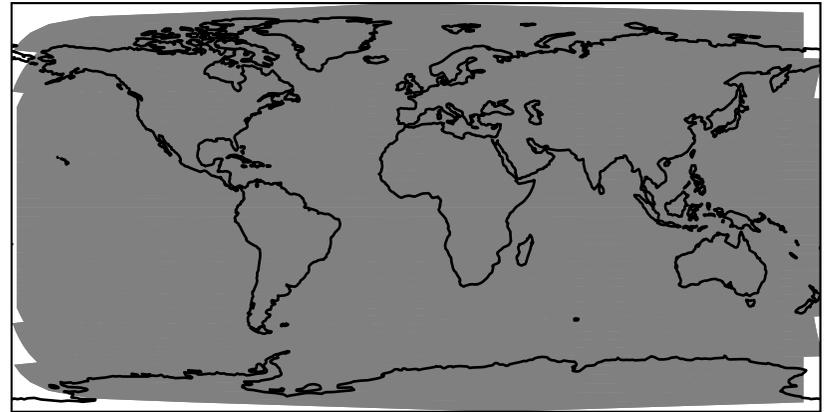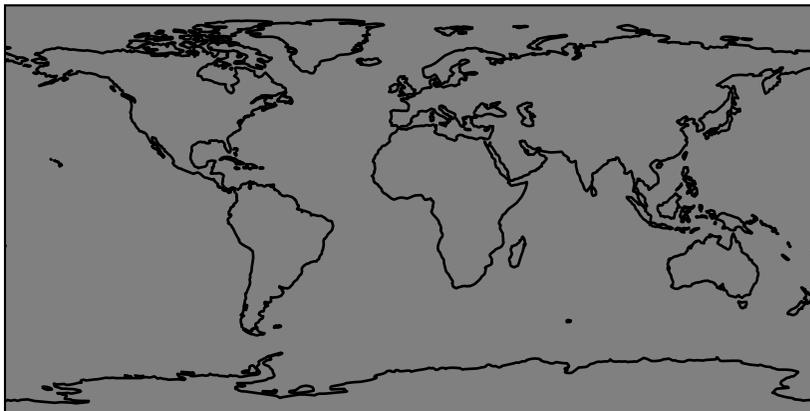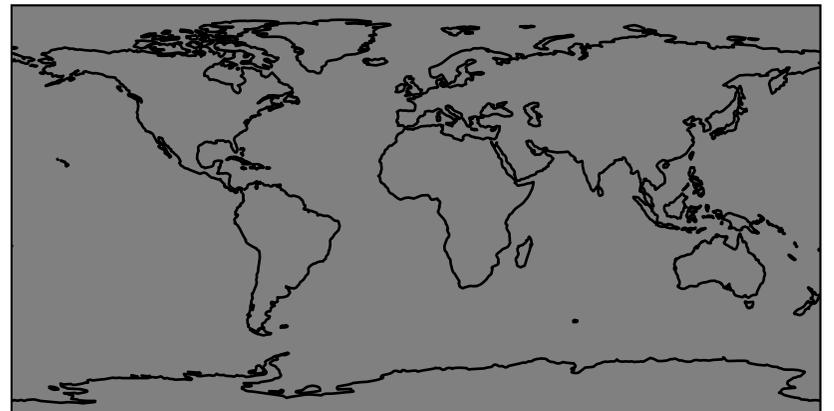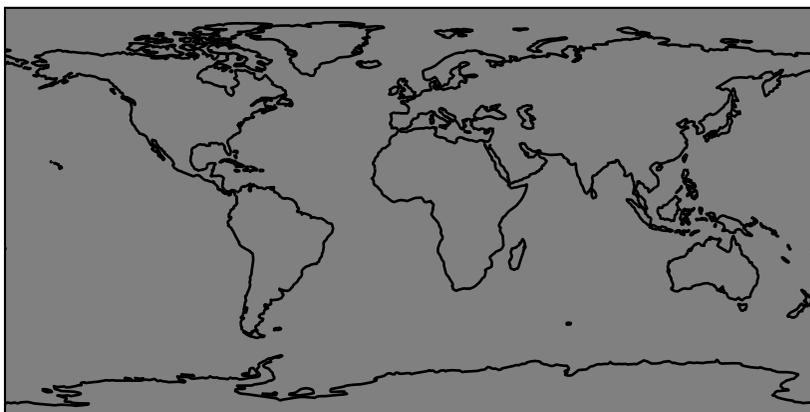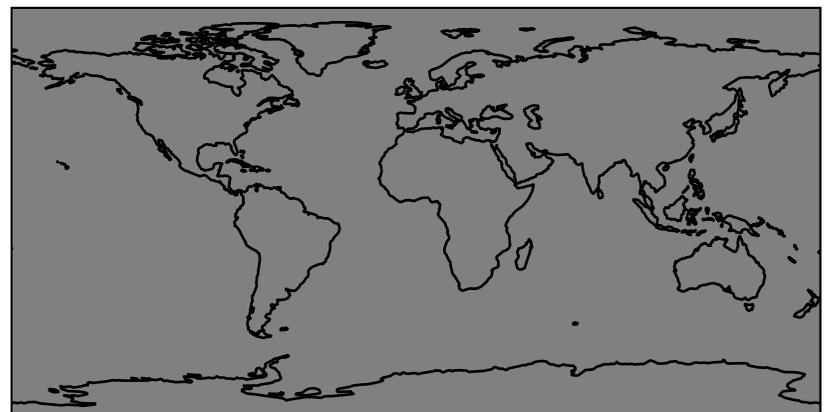Dev - Ref, Restricted Range [5%,95%]

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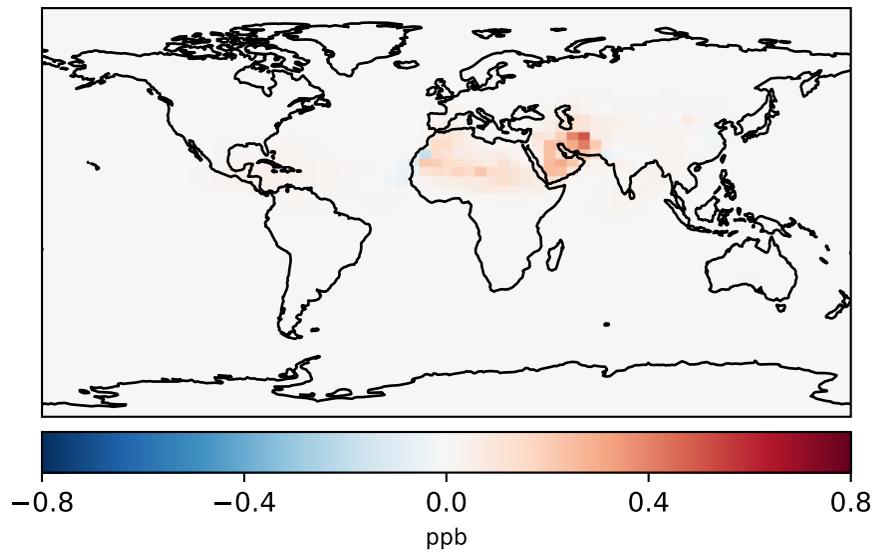GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

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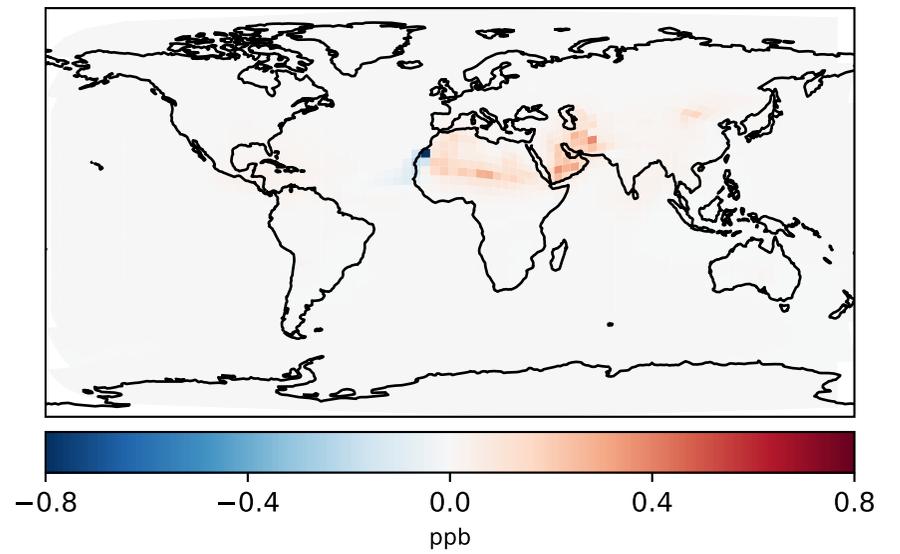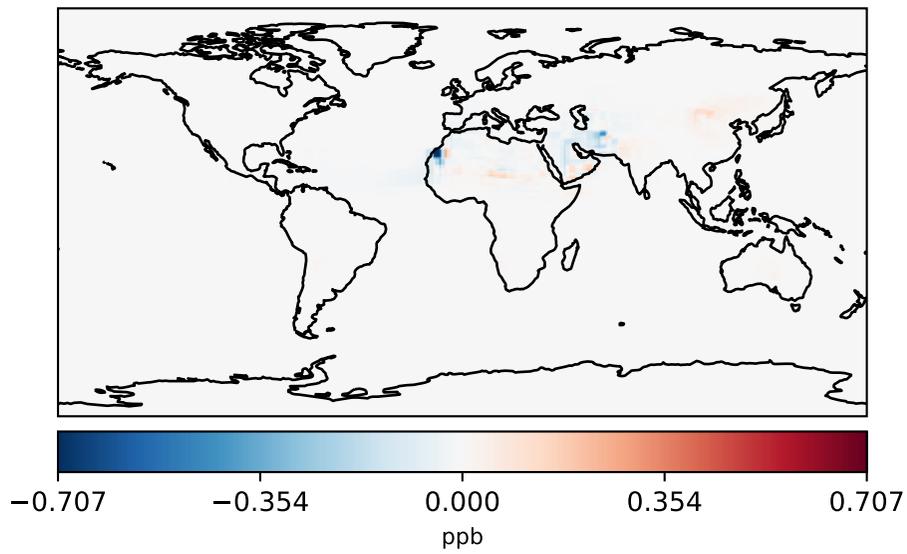GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

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SpeciesConcVV_DST4 (Jul2019)
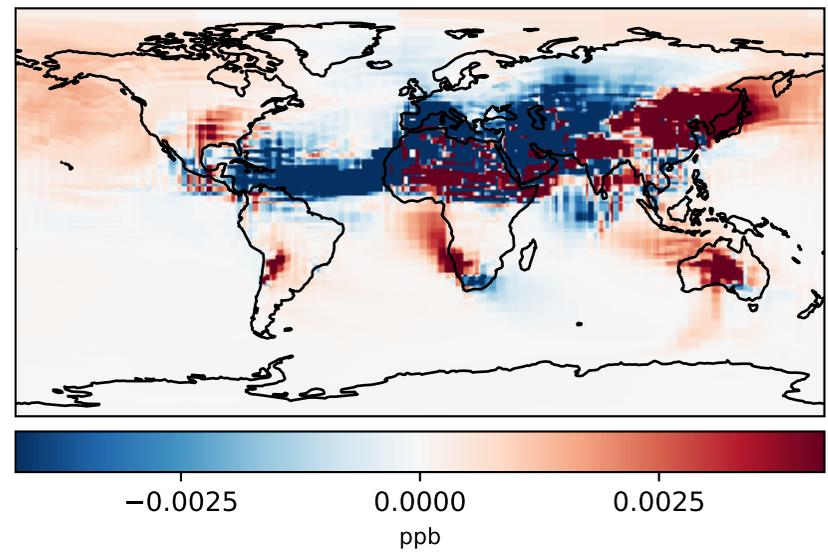

gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
4.0x5.0

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

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

Undefined throughout domain
ppb

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

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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 (Jul2019)

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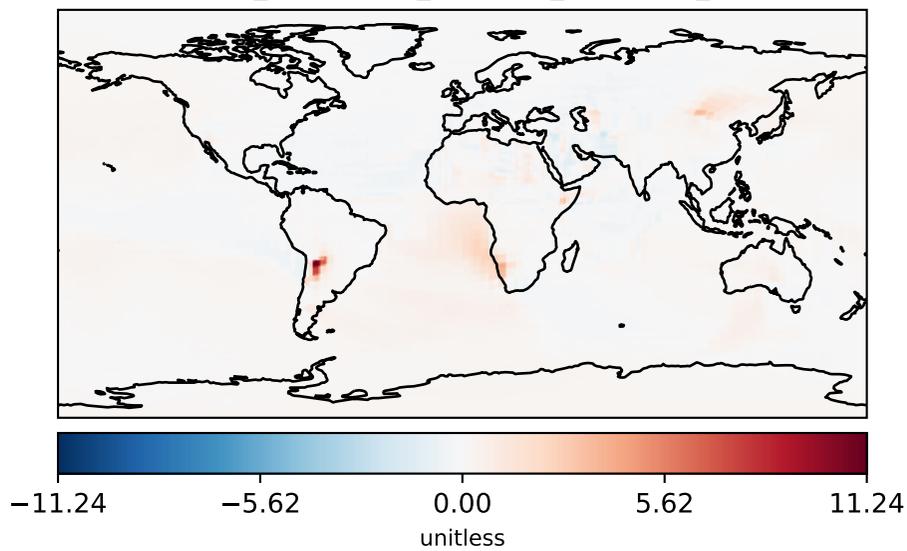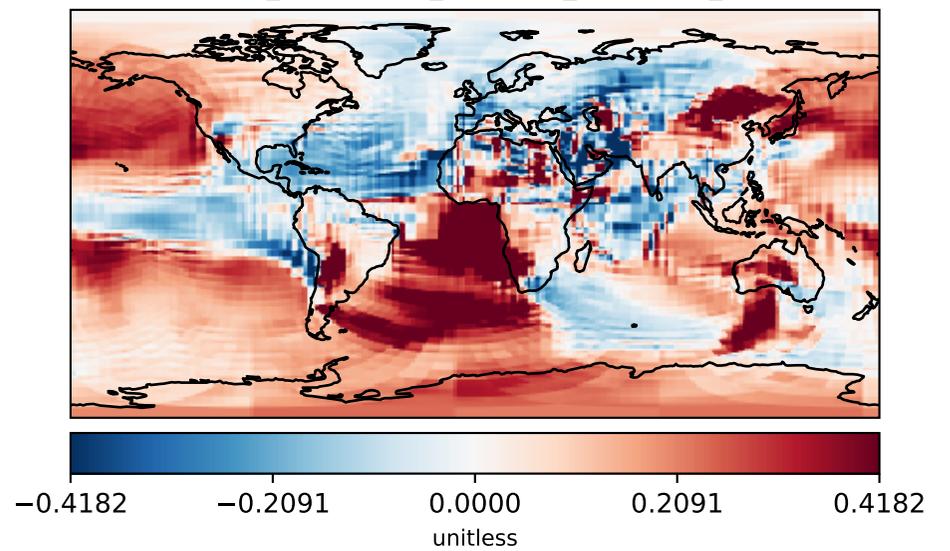
Difference (1x1.25)
Dev - Ref, Dynamic Range

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

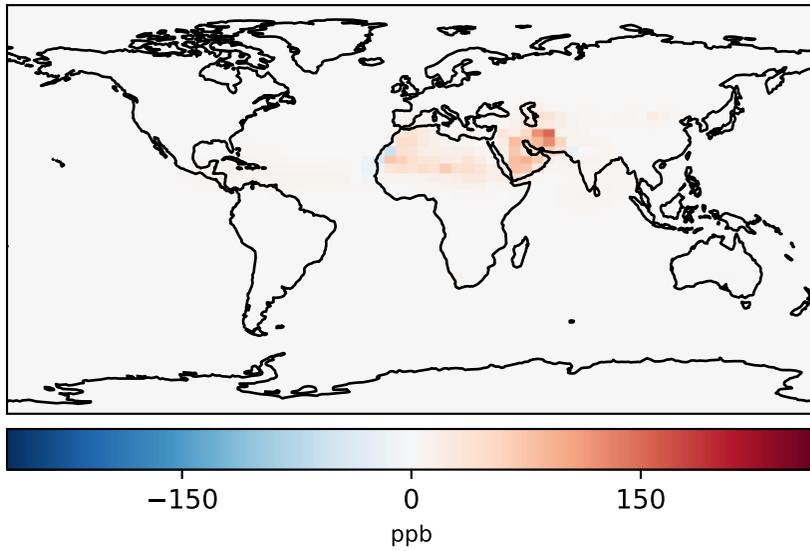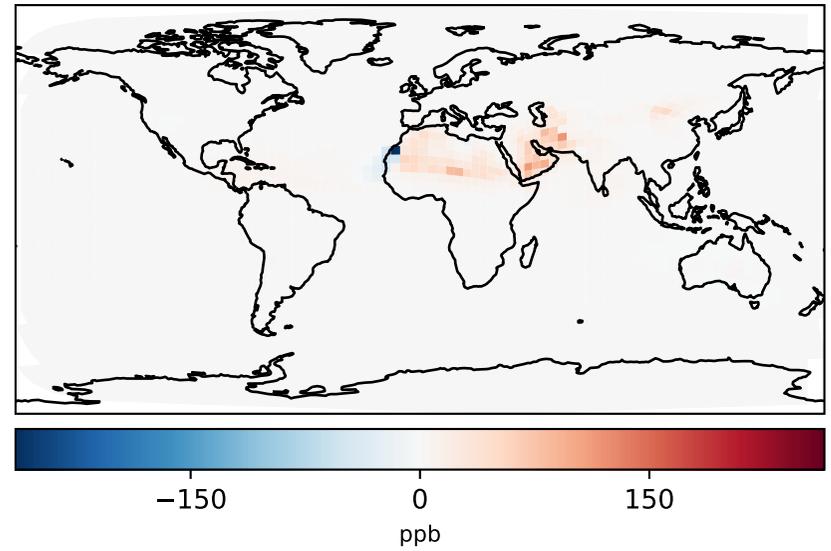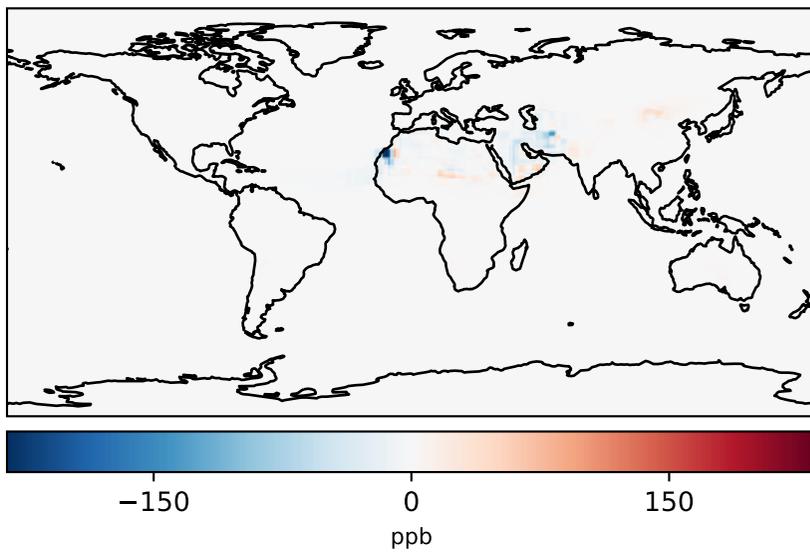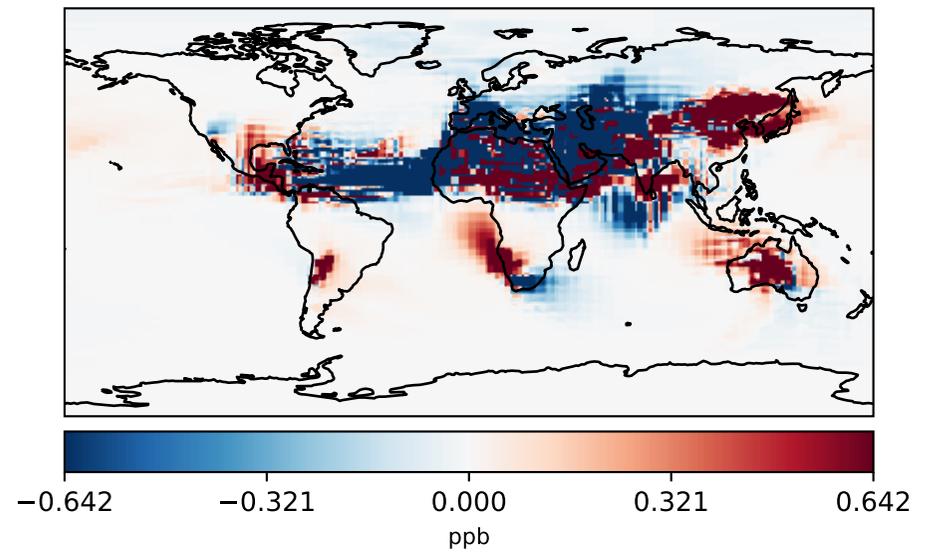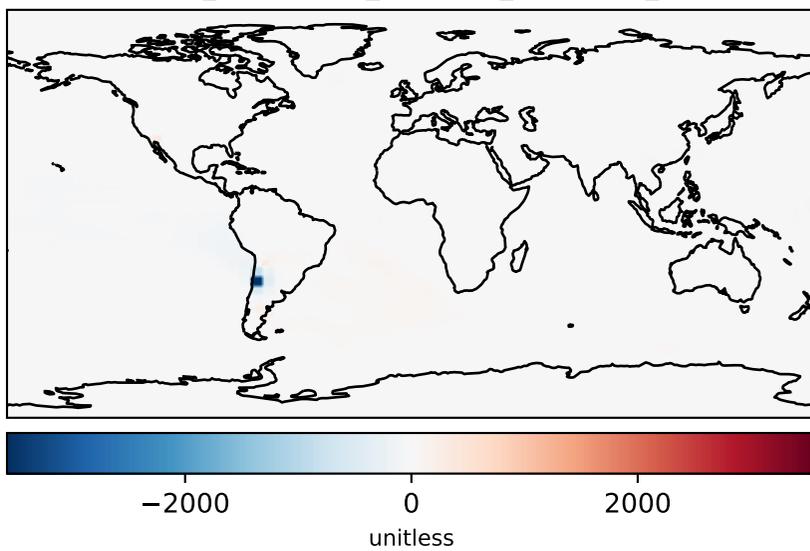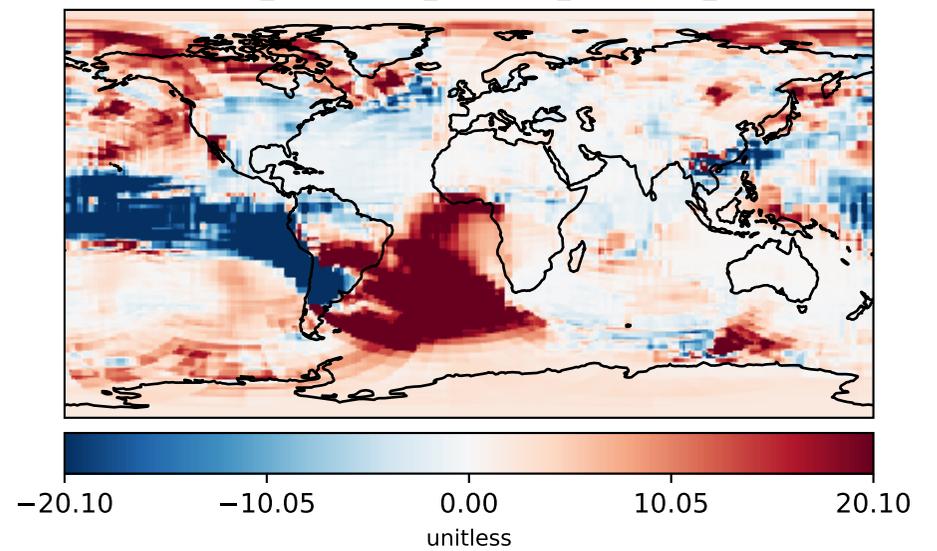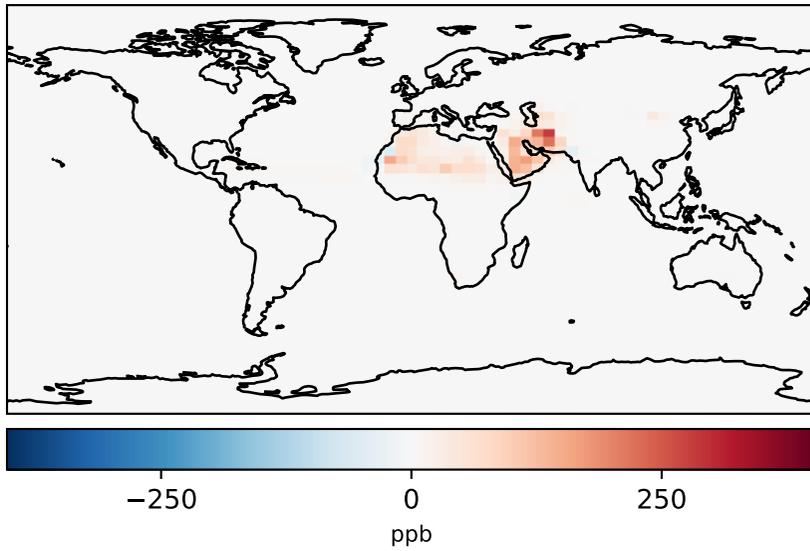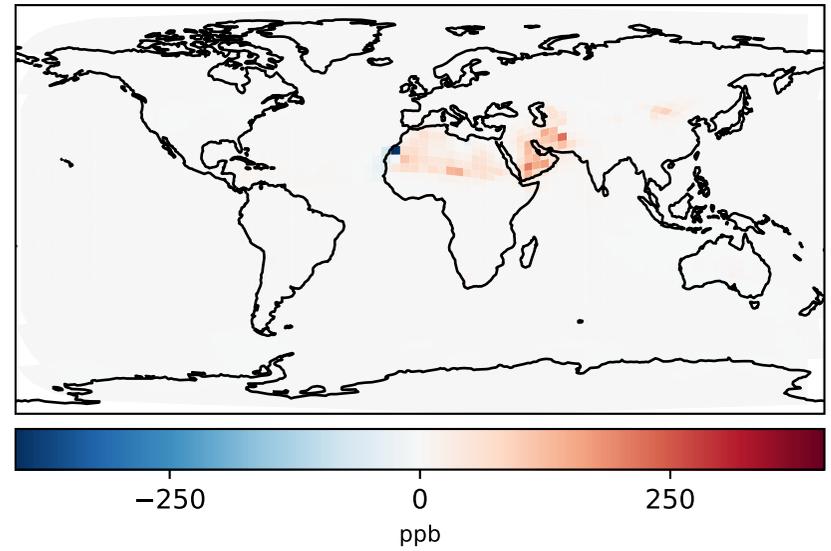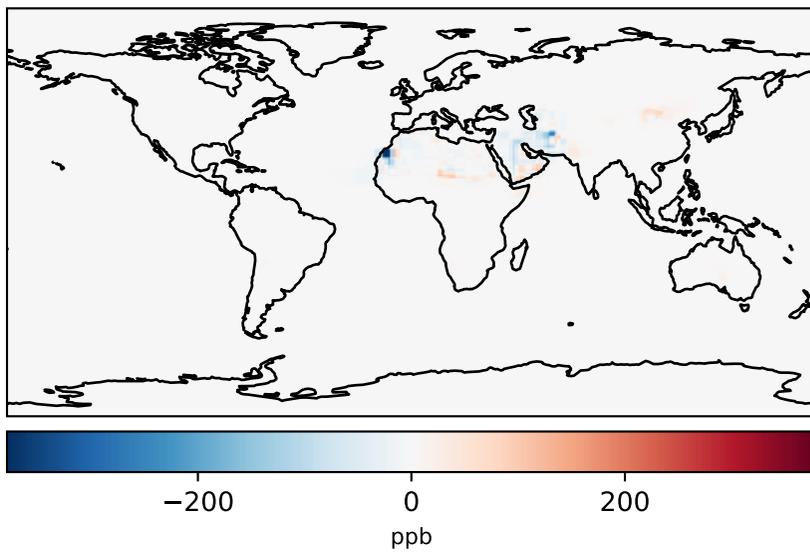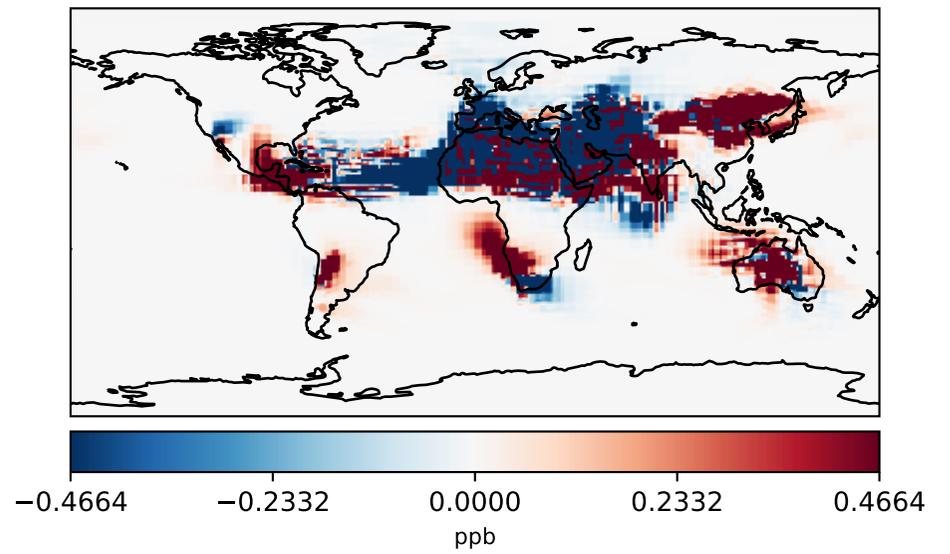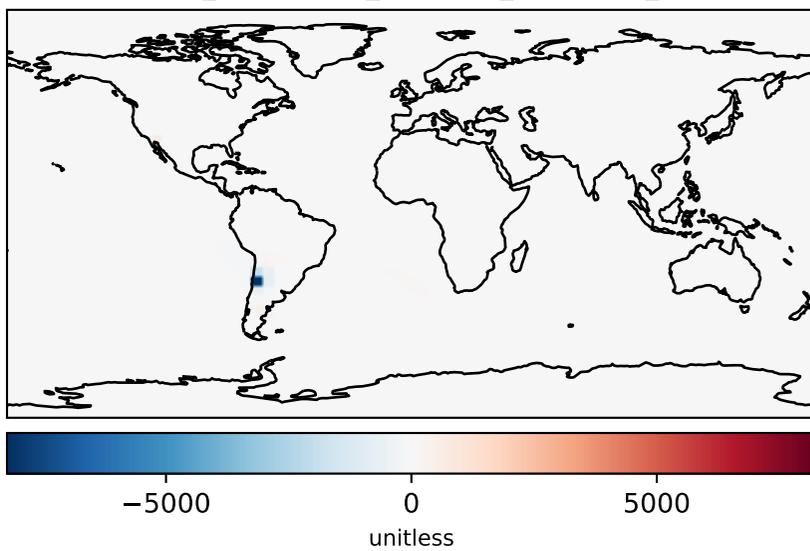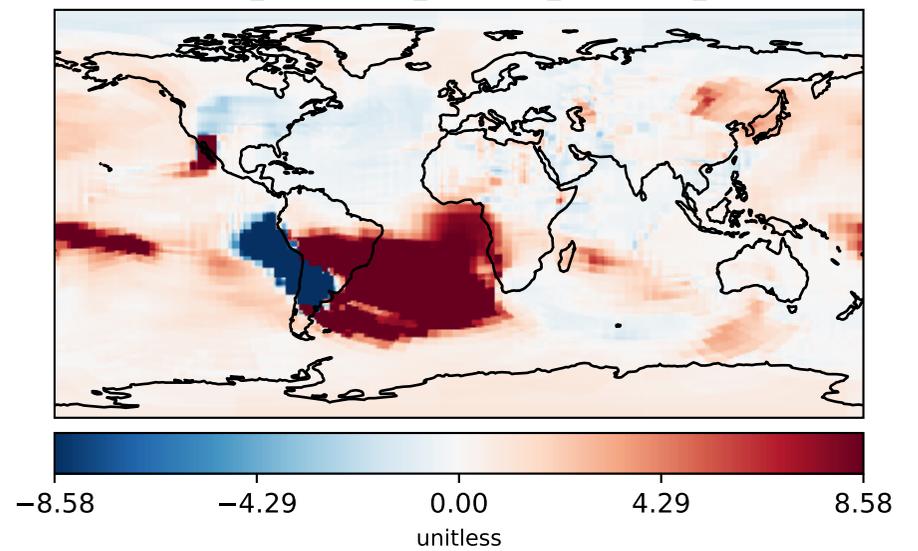Difference (1x1.25), Dynamic Range
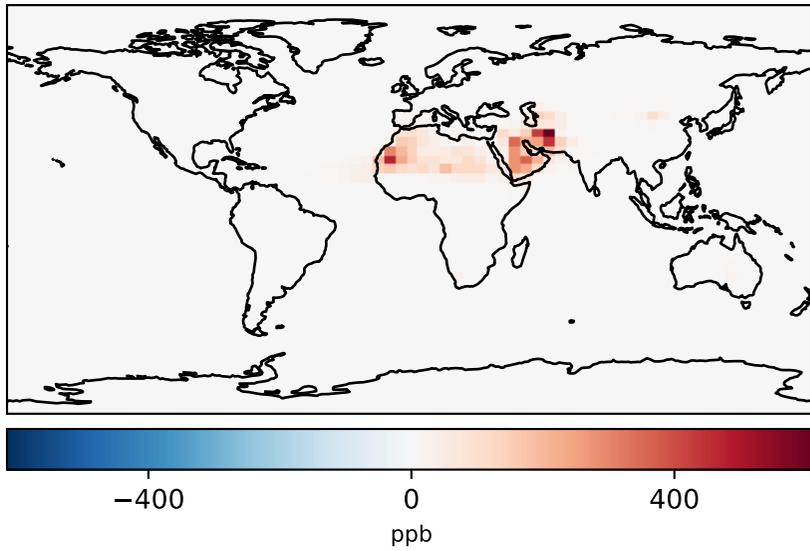GCHP_dev / GCHP_ref - GCC_dev / GCC_ref
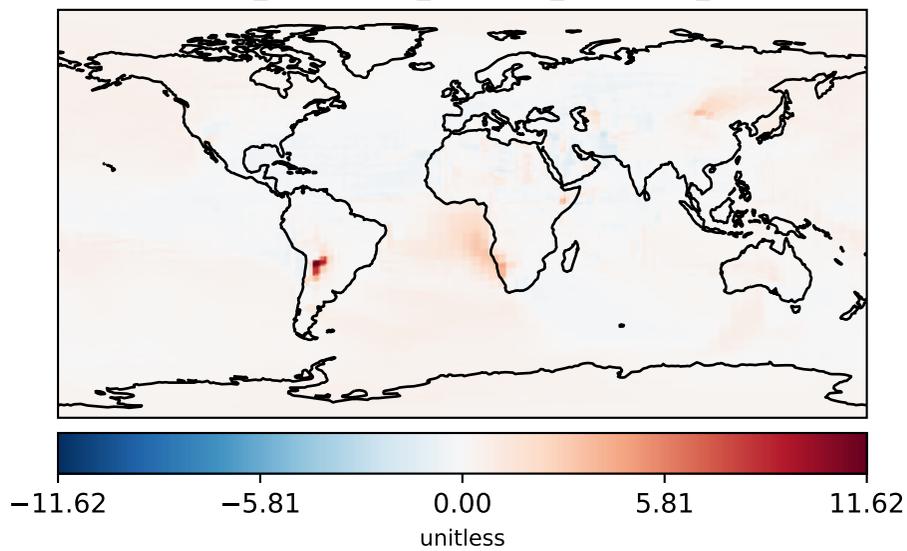
Difference (1x1.25), Restricted Range [5%,95%]
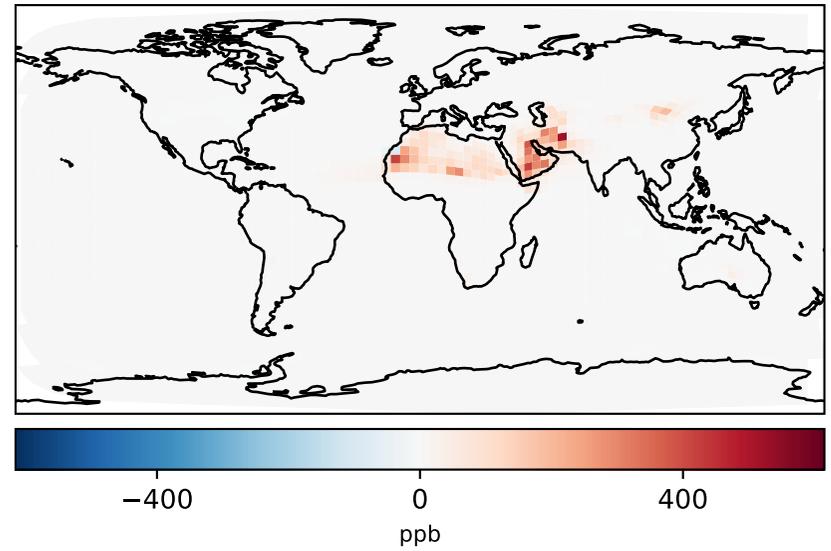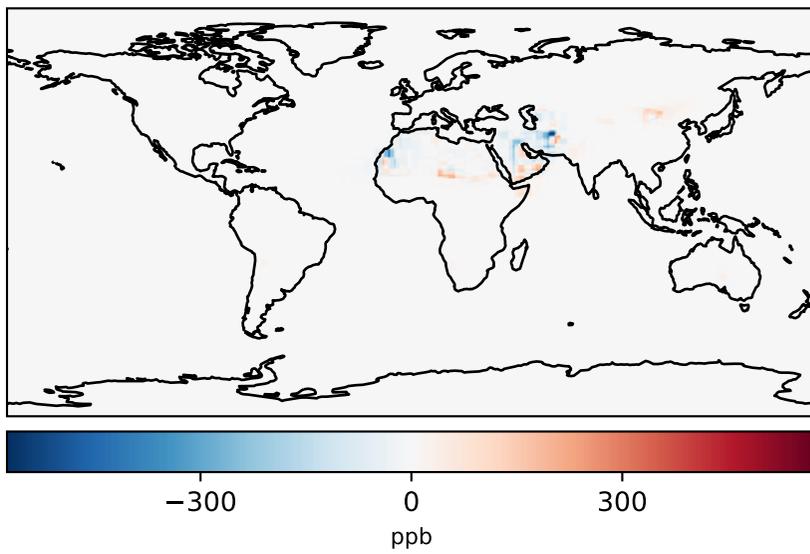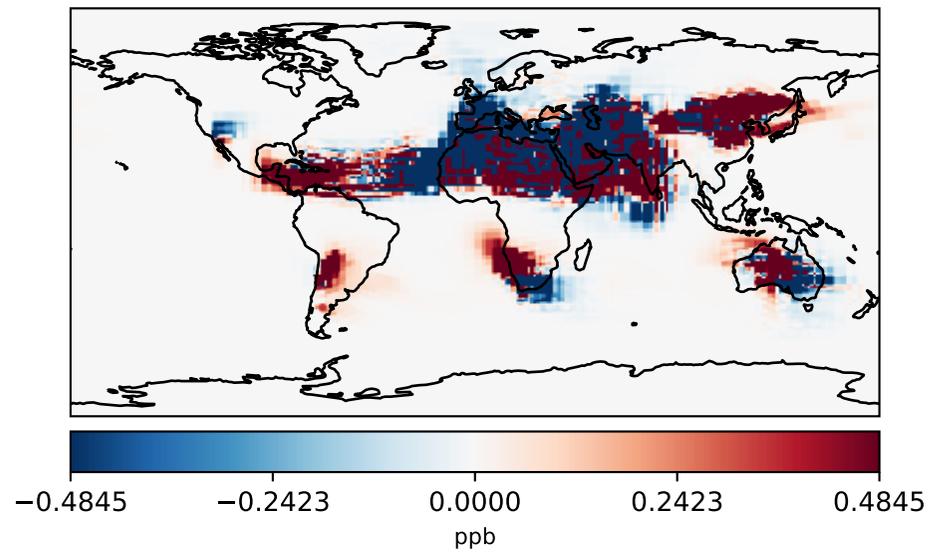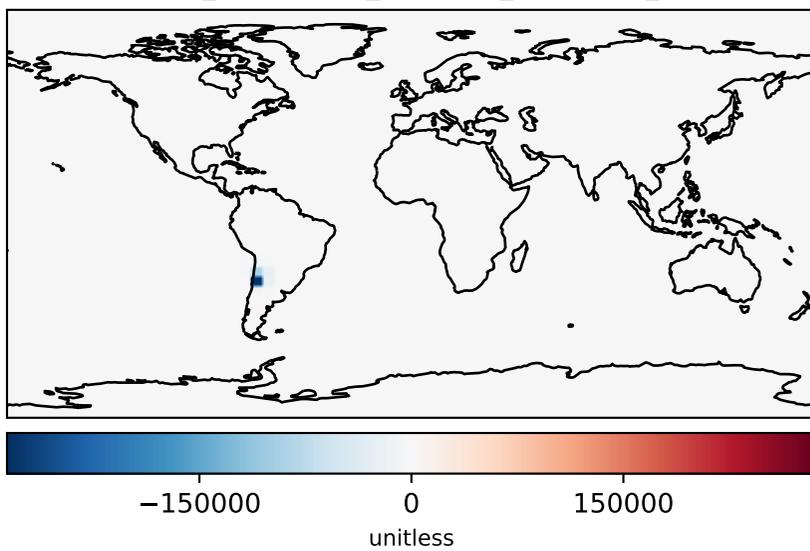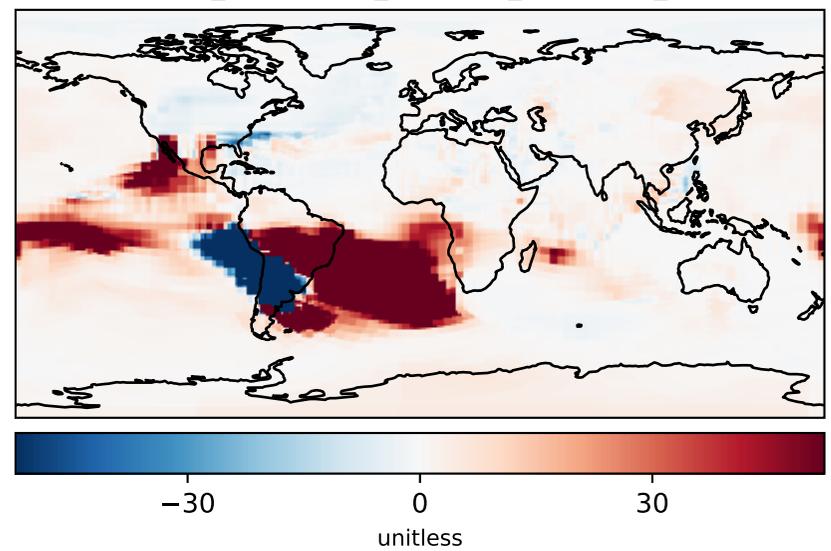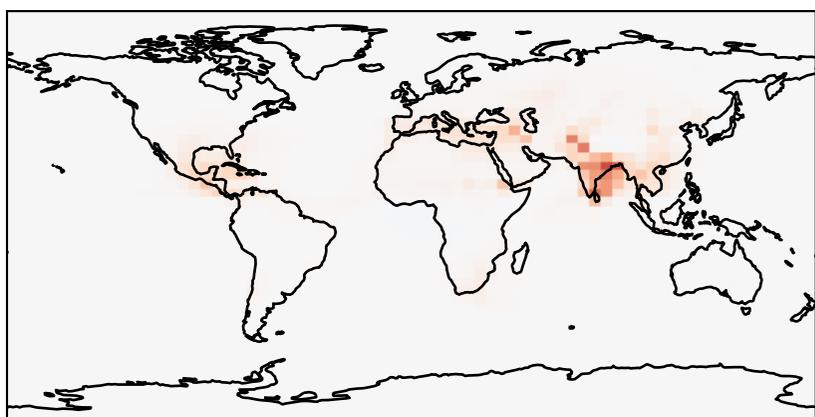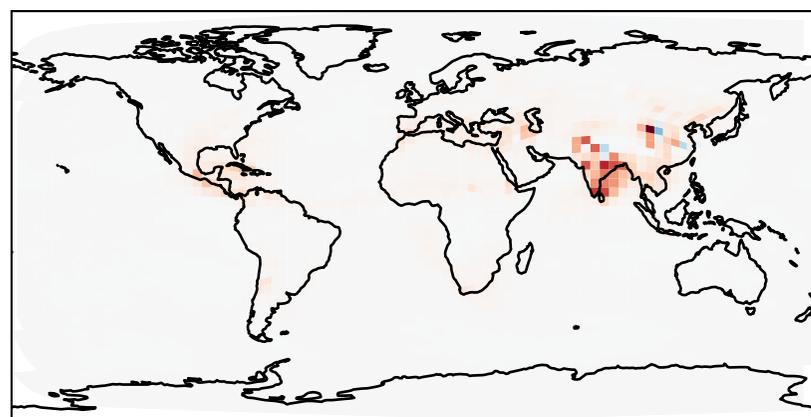GCHP_dev / GCHP_ref - GCC_dev / GCC_ref
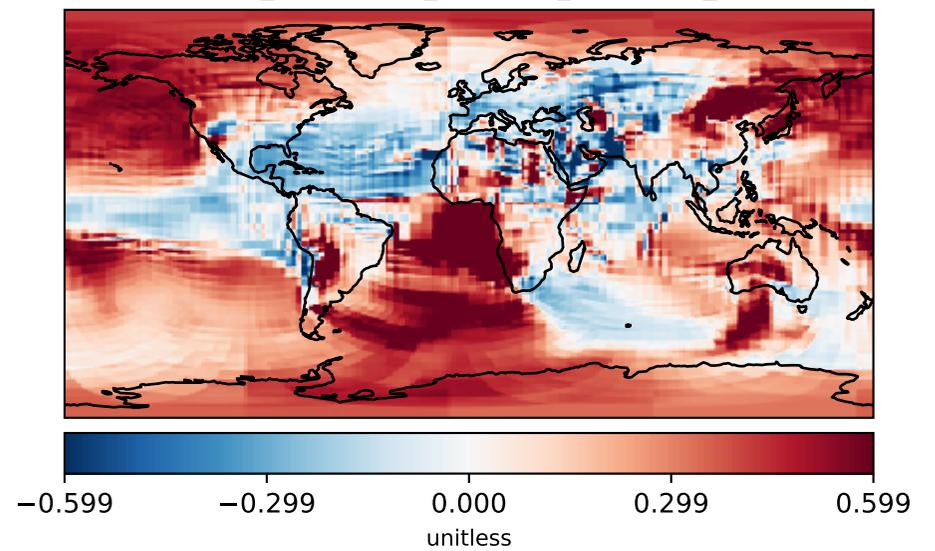
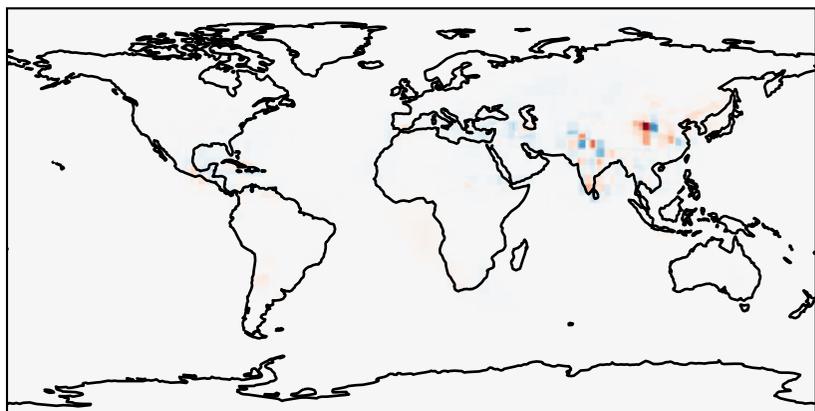# SpeciesConcVV_DSTbin2 (Jul2019)

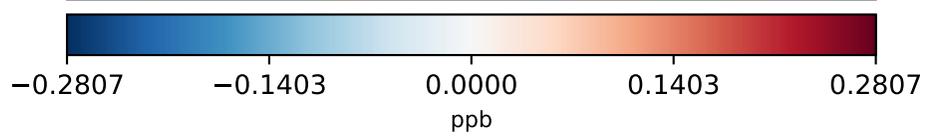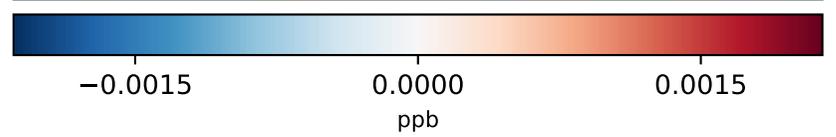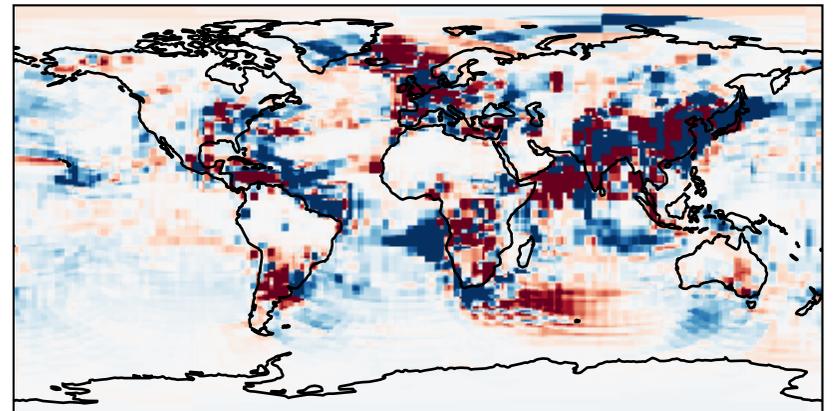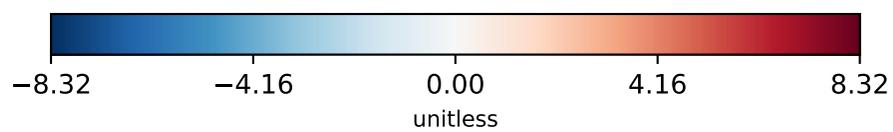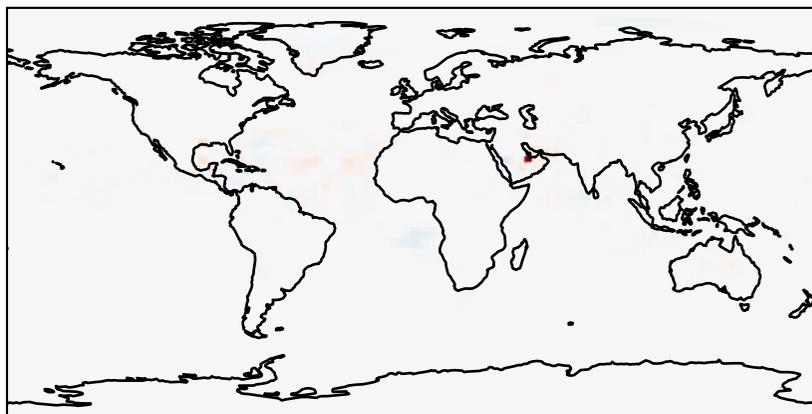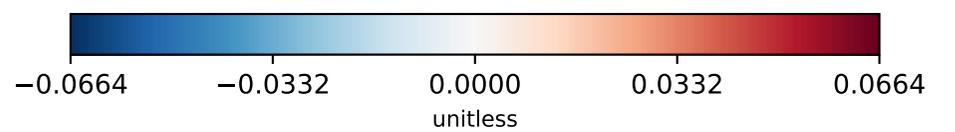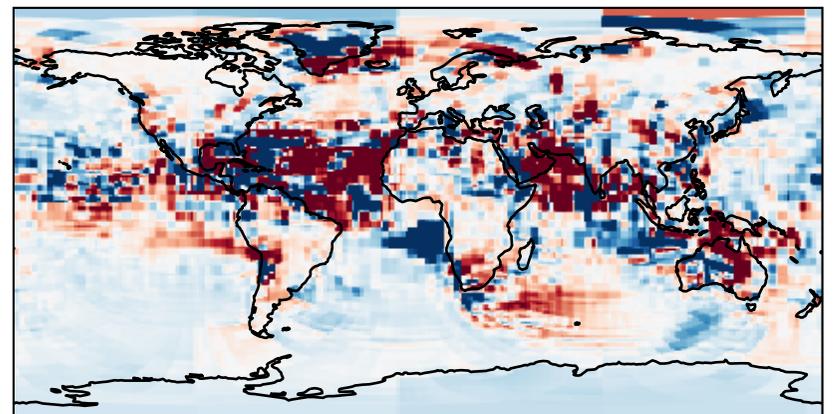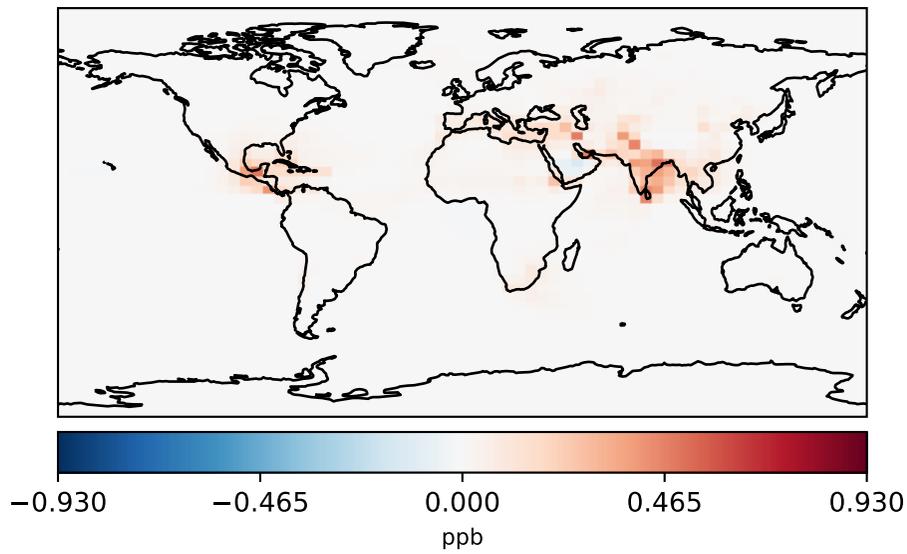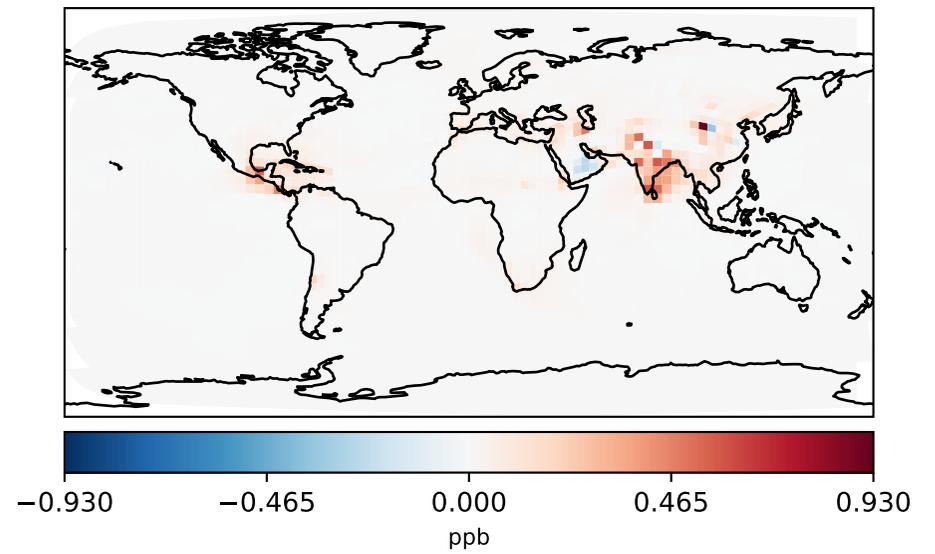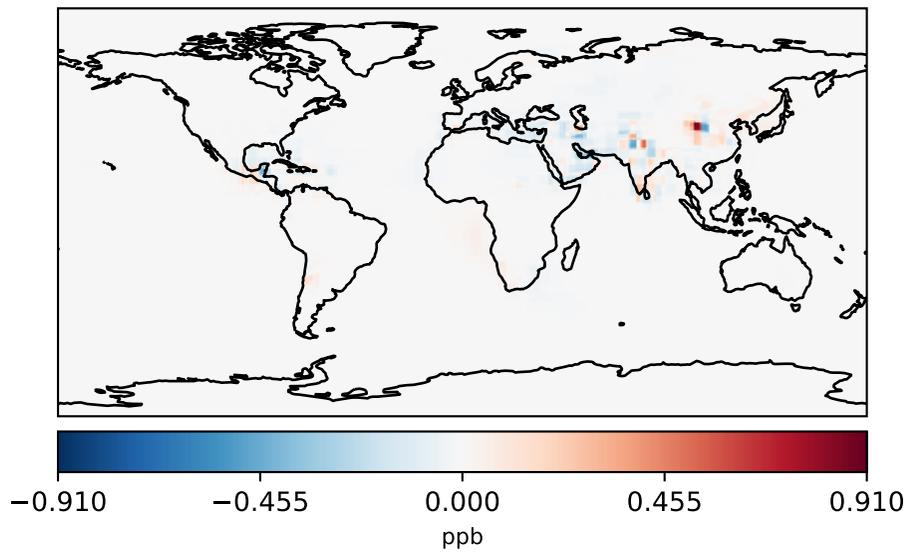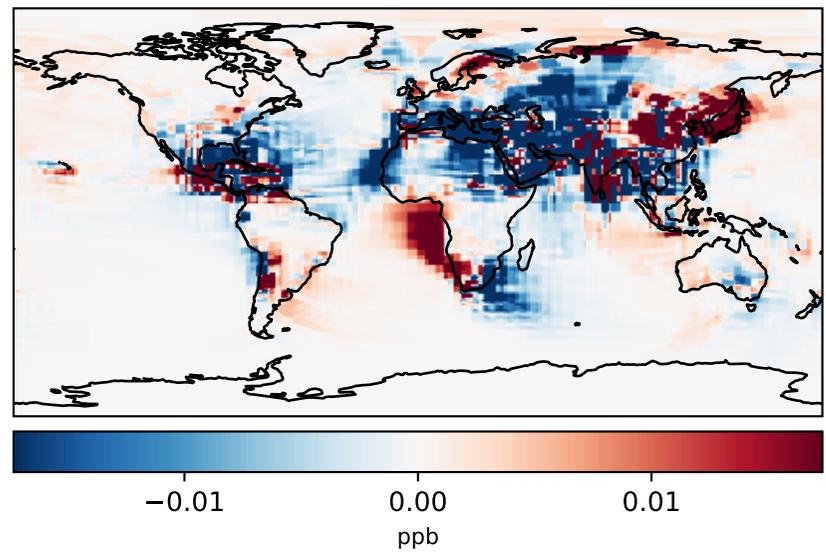gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
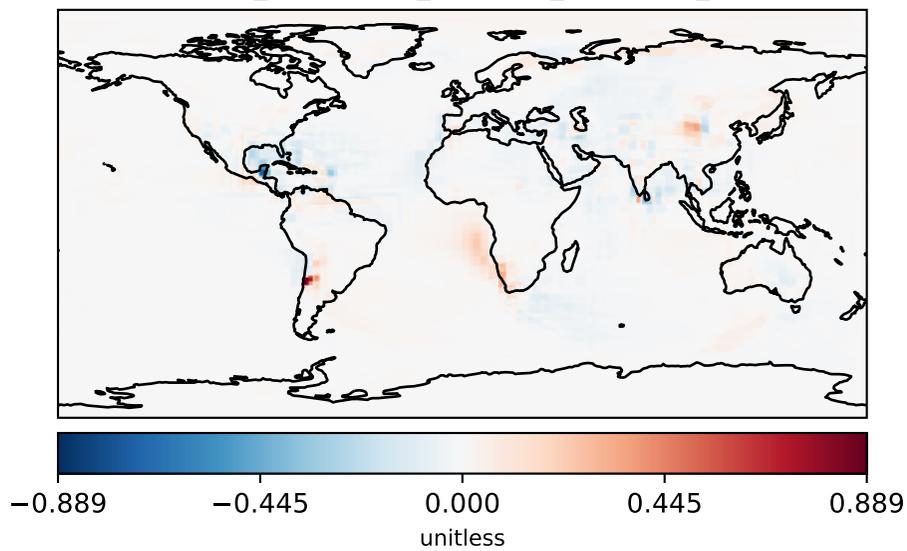4.0x5.0
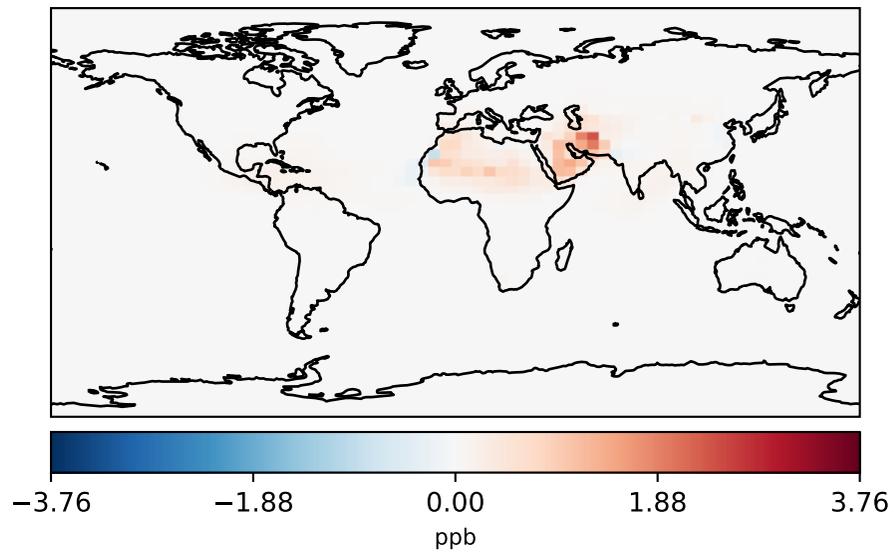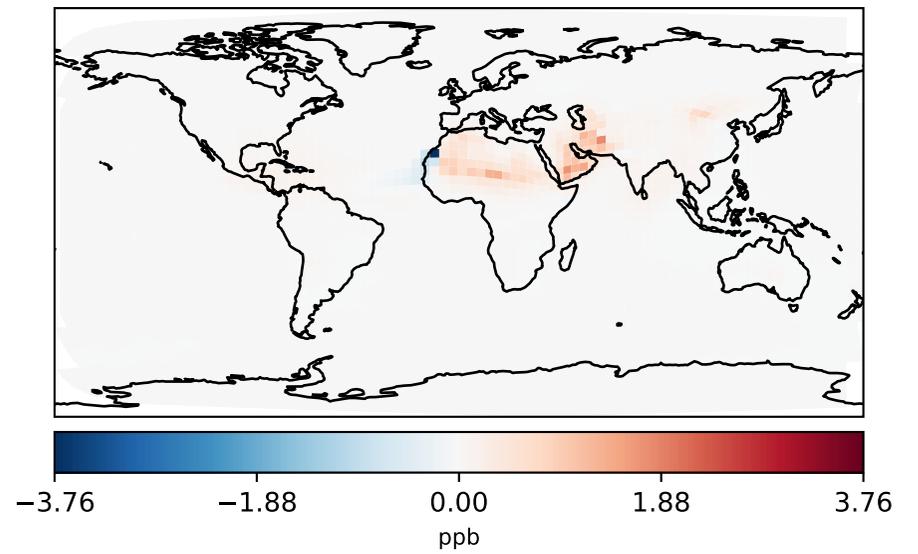
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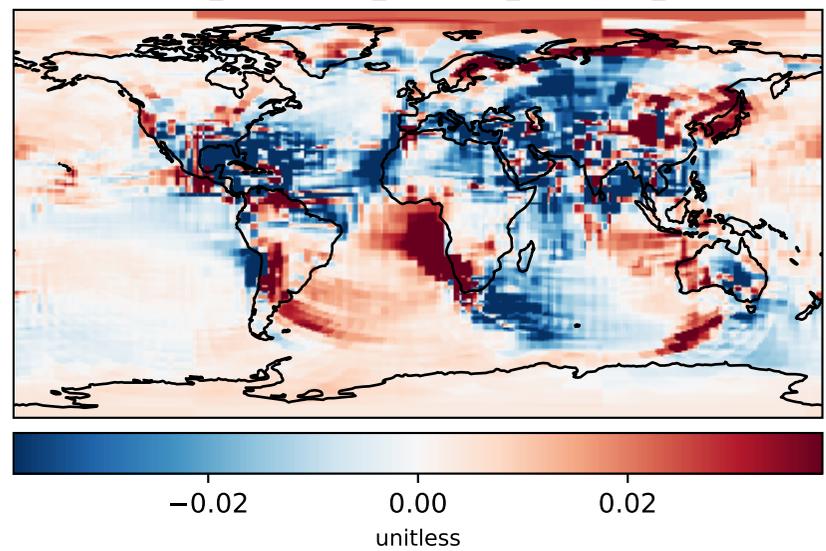c24

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Dev - Ref, Dynamic Range
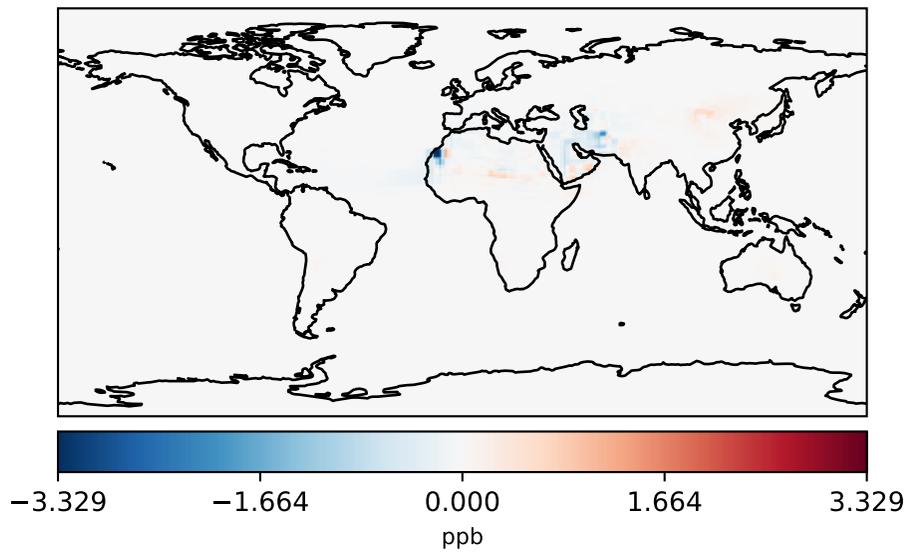
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Dev - Ref, Restricted Range [5%,95%]
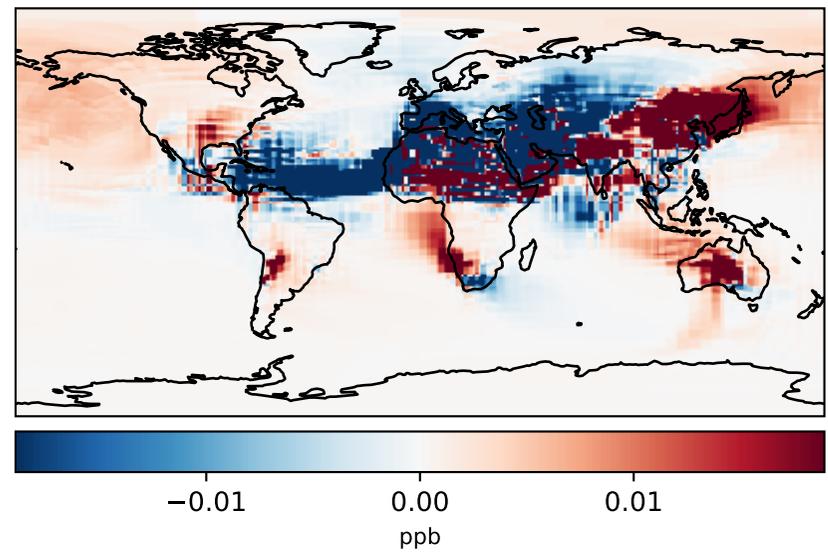
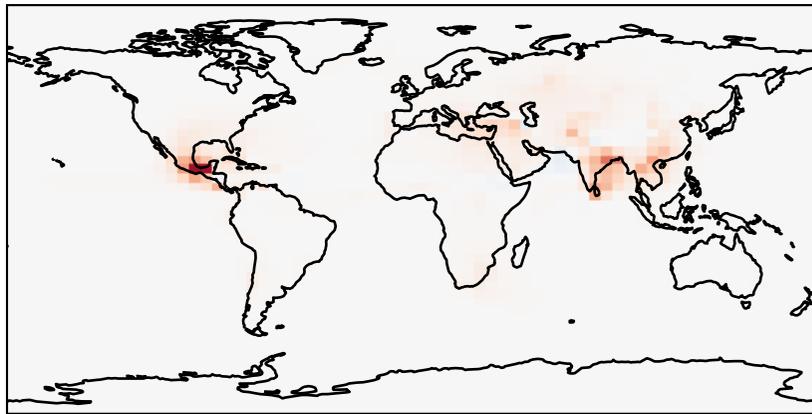Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref
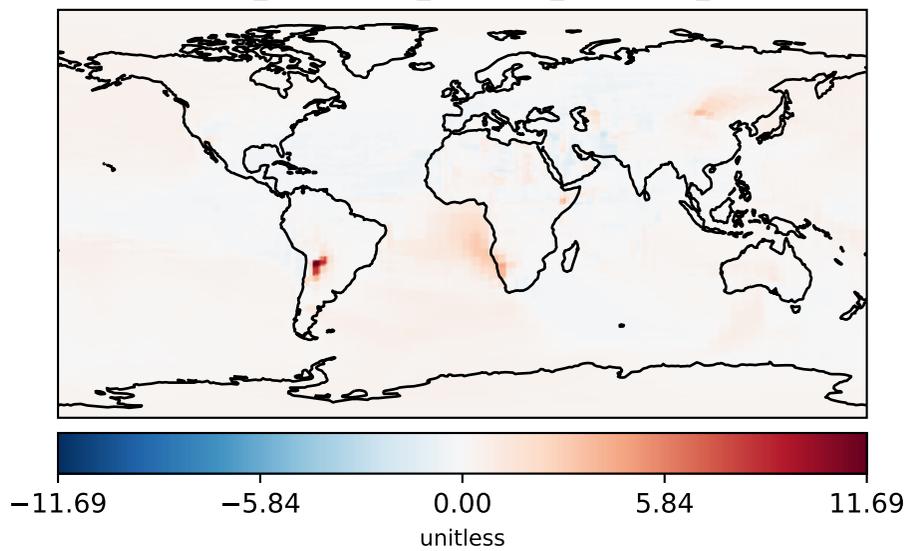
Difference (1x1.25), Restricted Range [5%,95%]
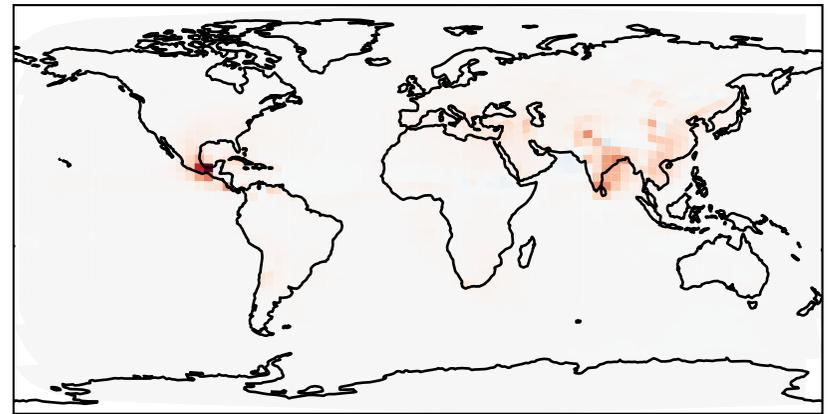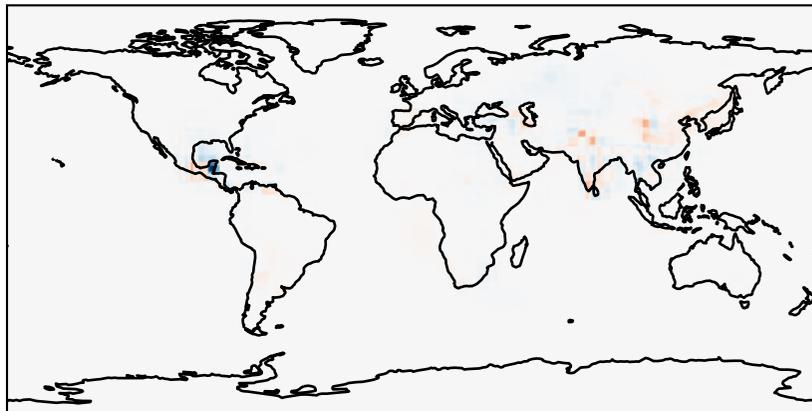GCHP_dev / GCHP_ref - GCC_dev / GCC_ref
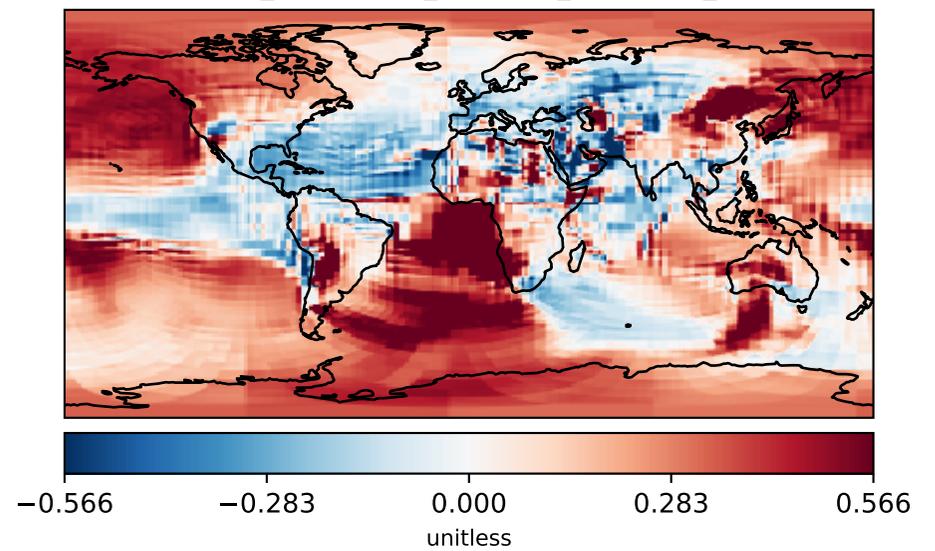
SpeciesConcVV_DSTbin3 (Jul2019)
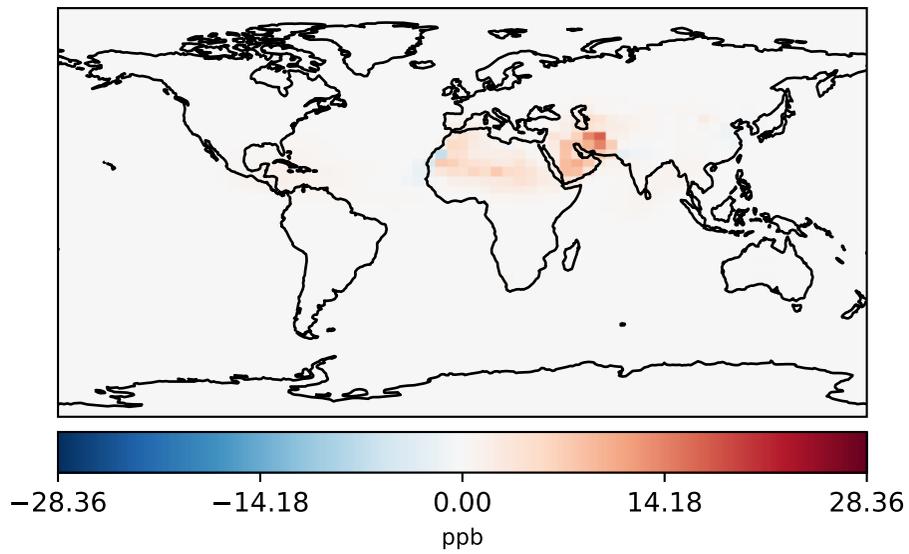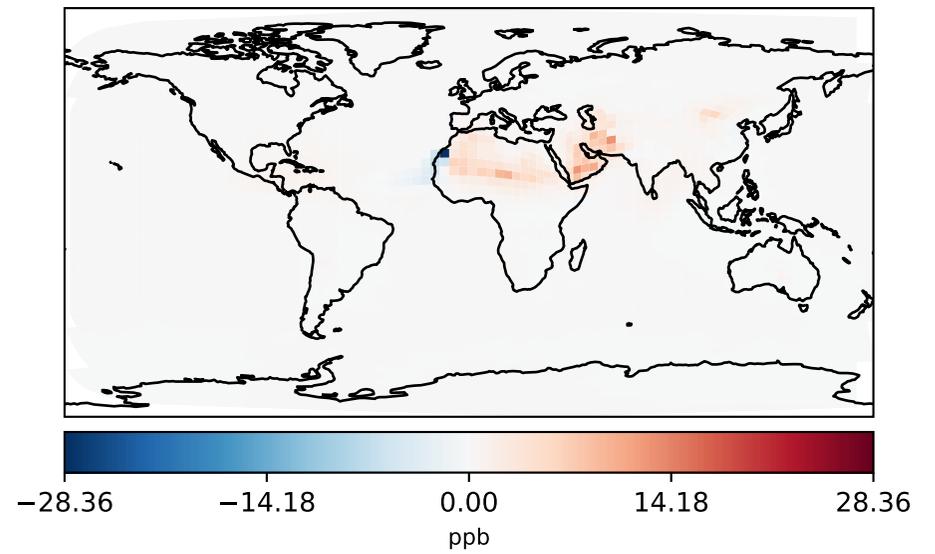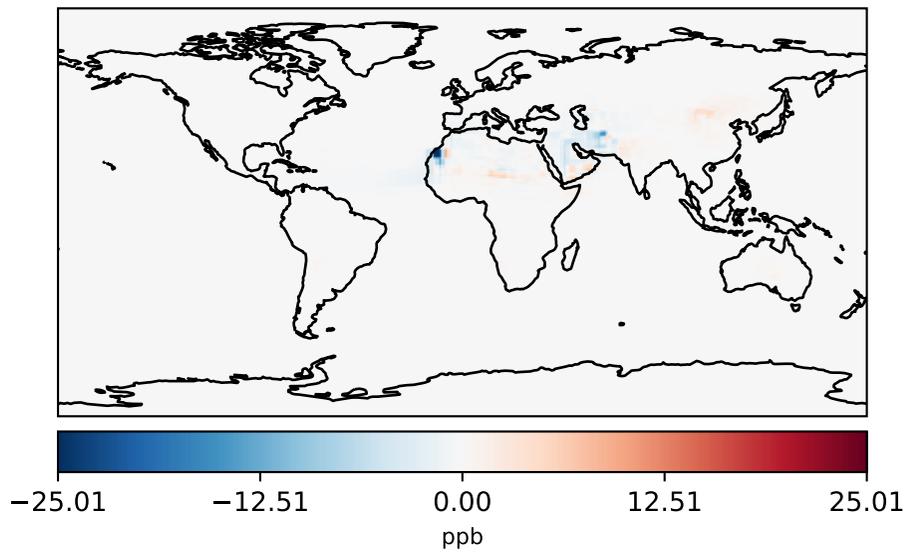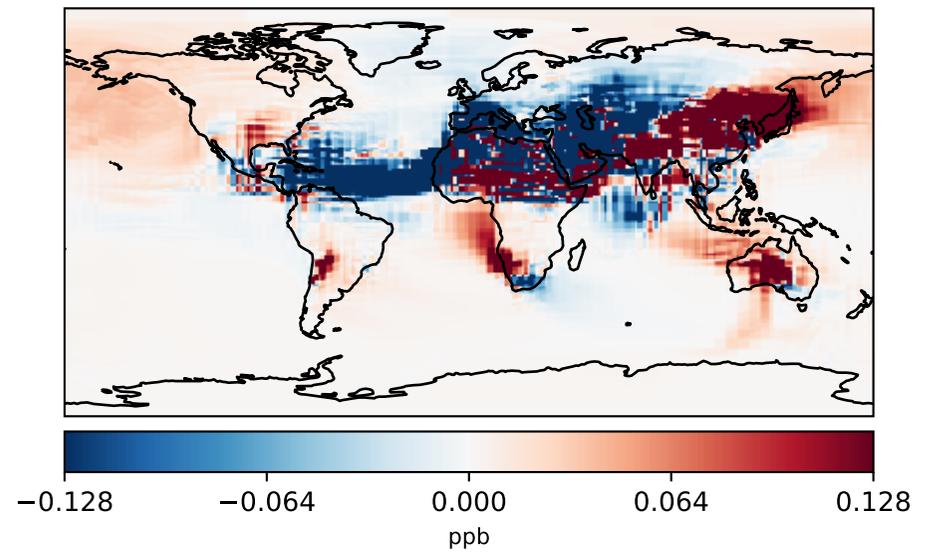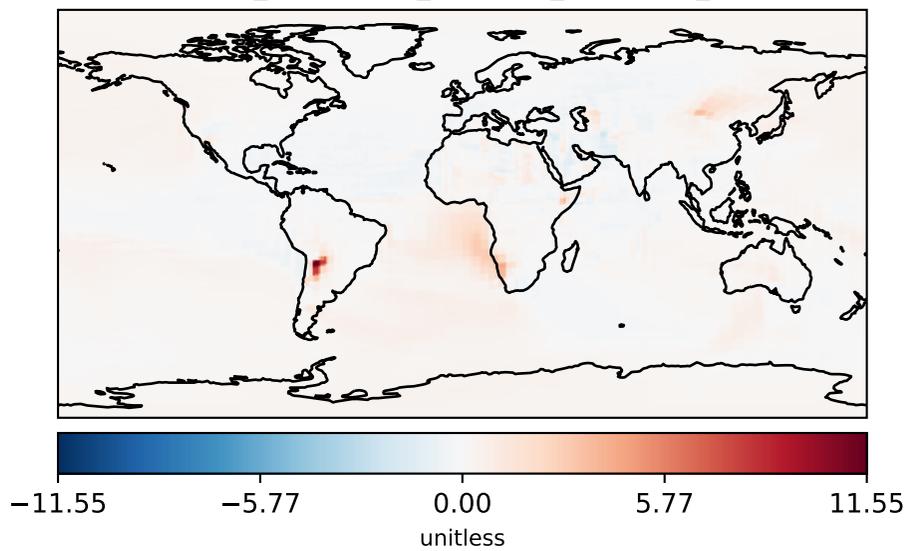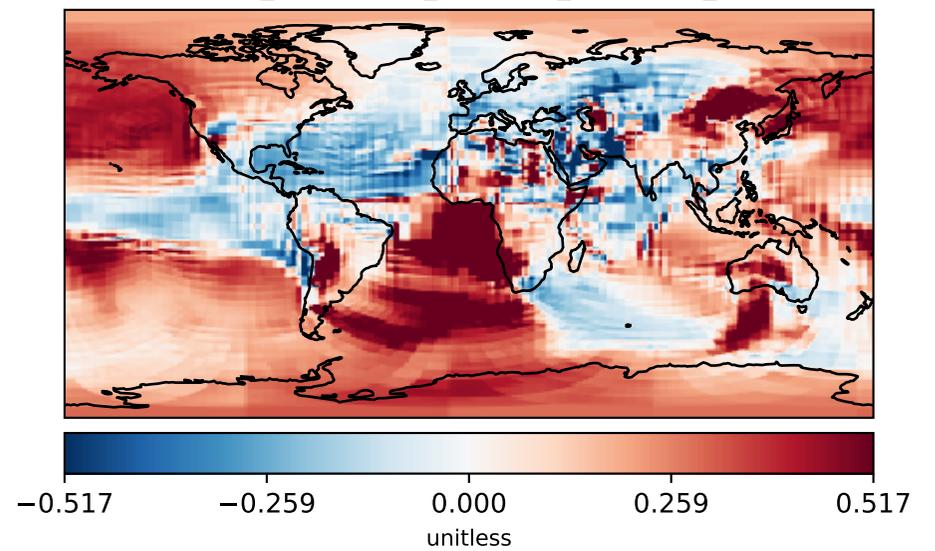
SpeciesConcVV_DSTbin4 (Jul2019)
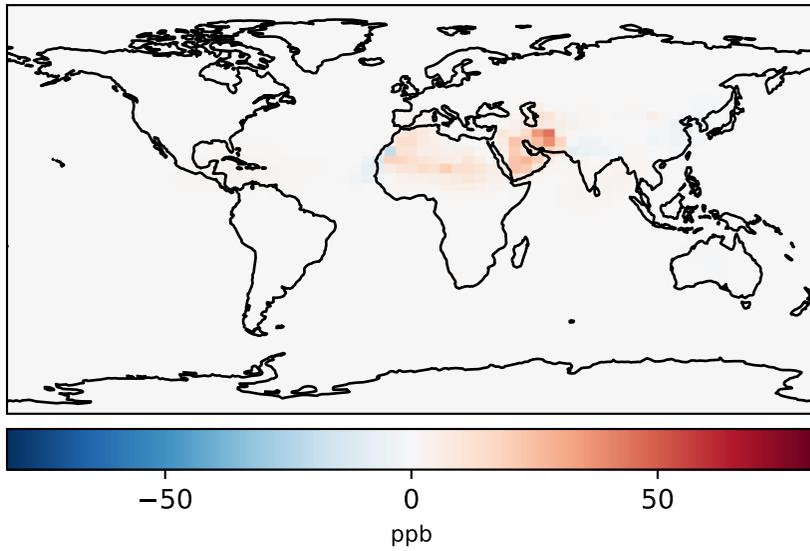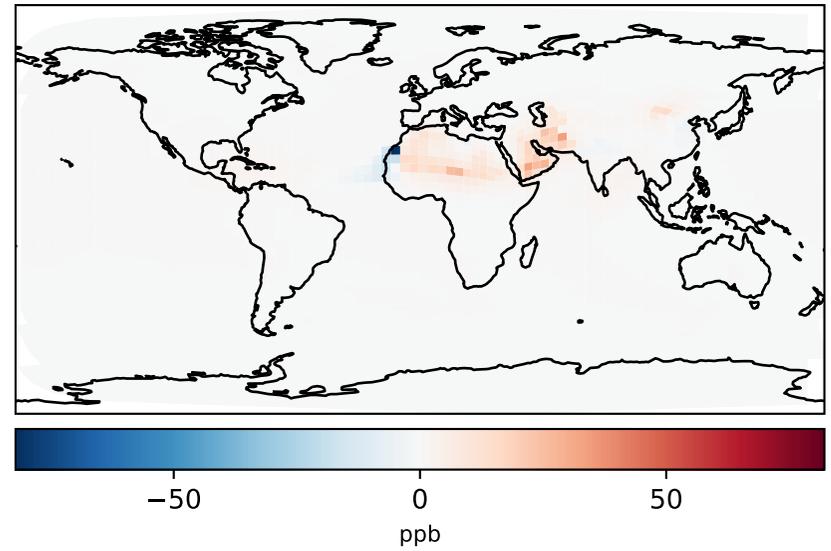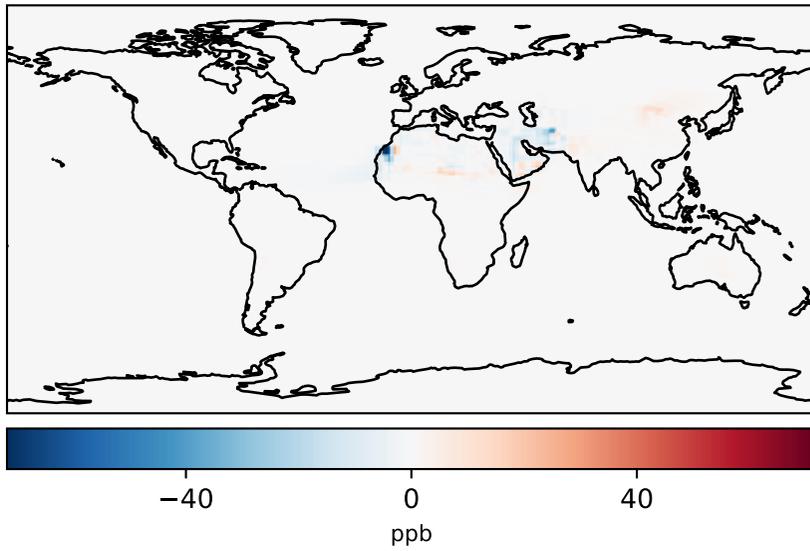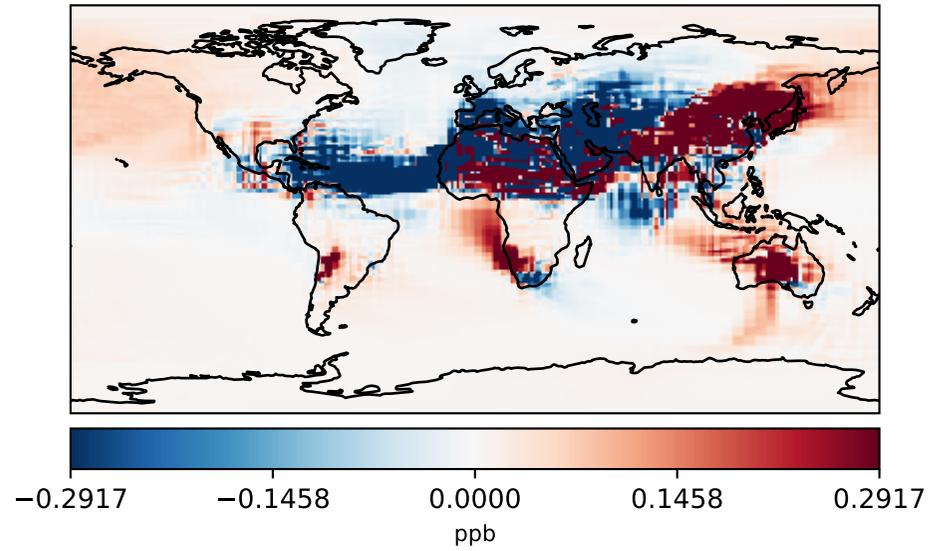
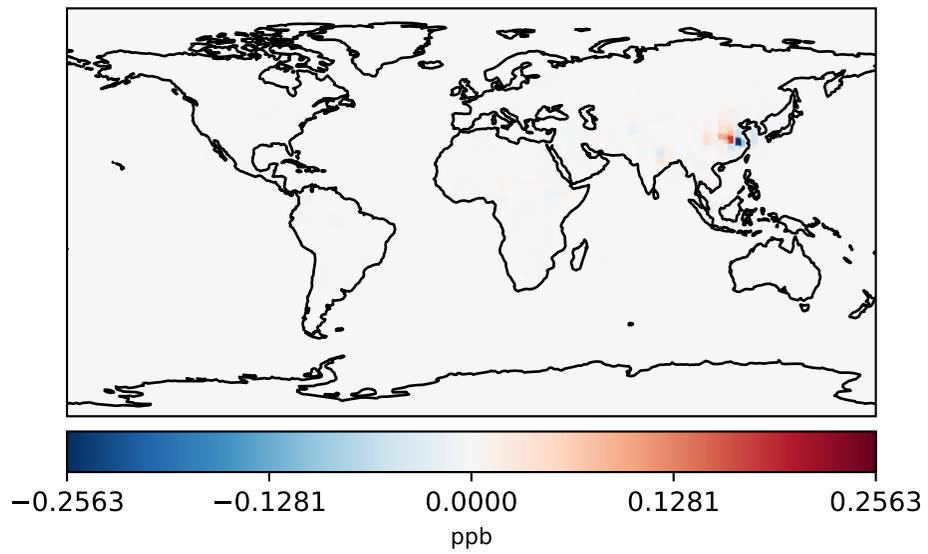# SpeciesConcVV_DSTbin5 (Jul2019)
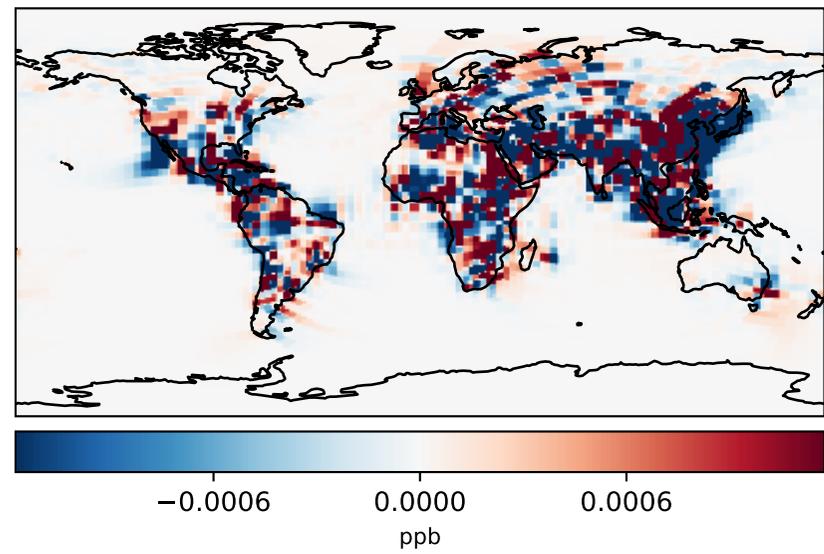

gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
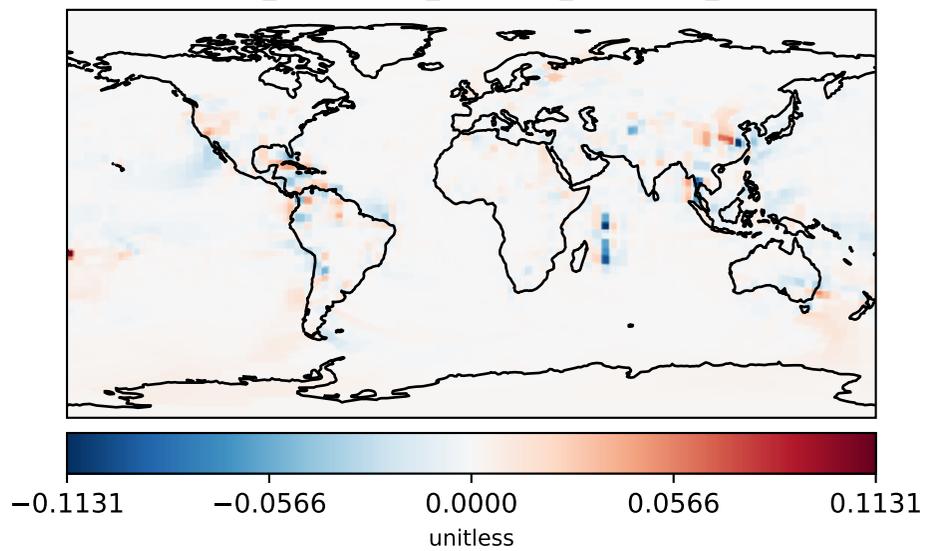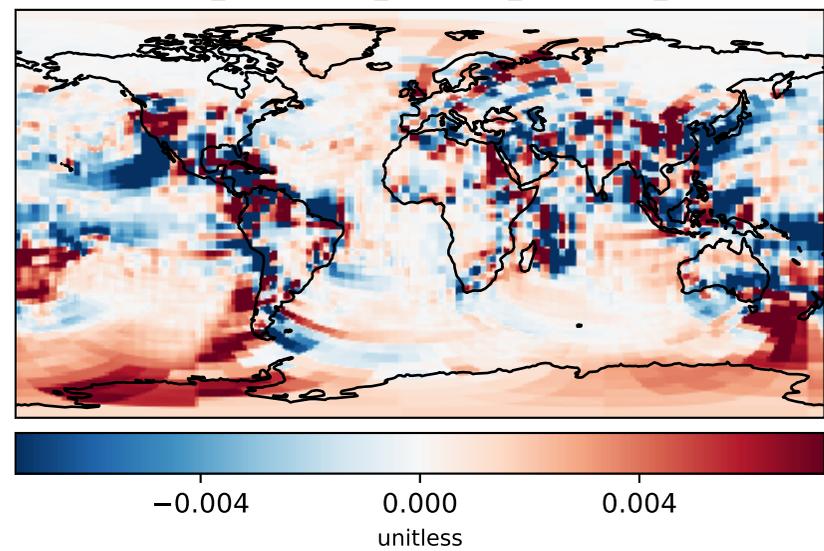4.0x5.0

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%]

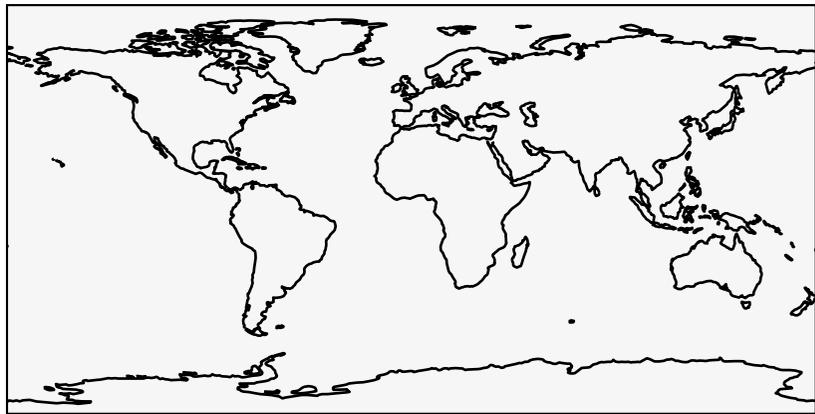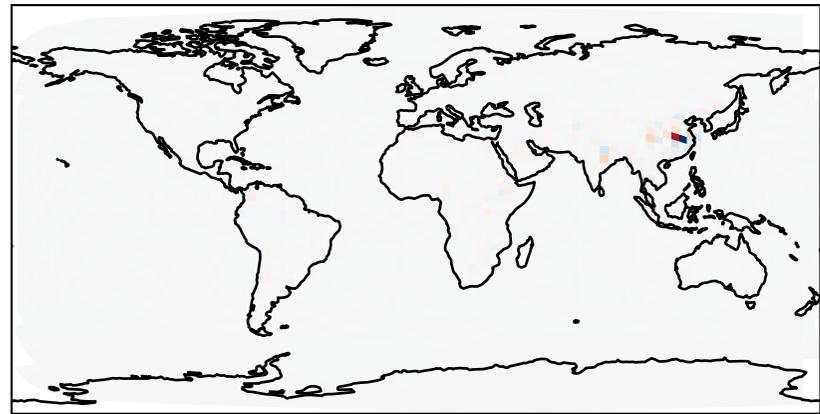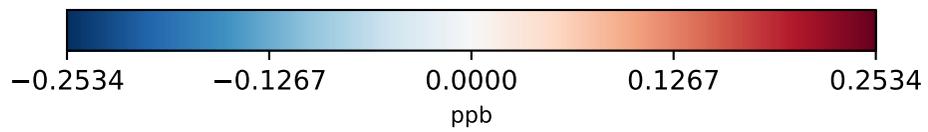Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref
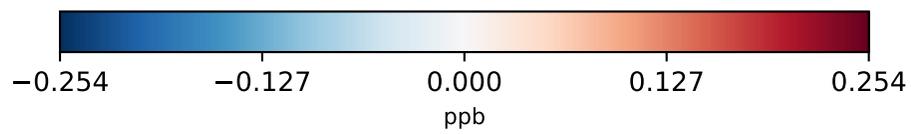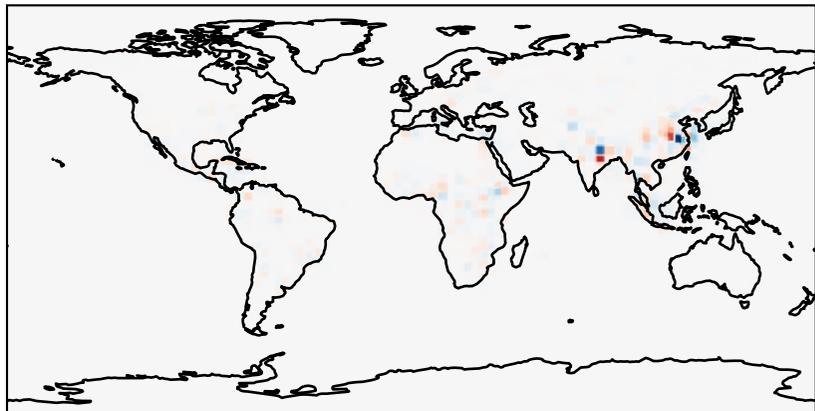
SpeciesConcVV_DSTbin6 (Jul2019)

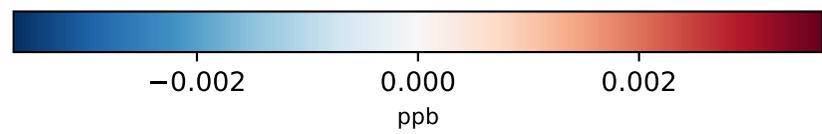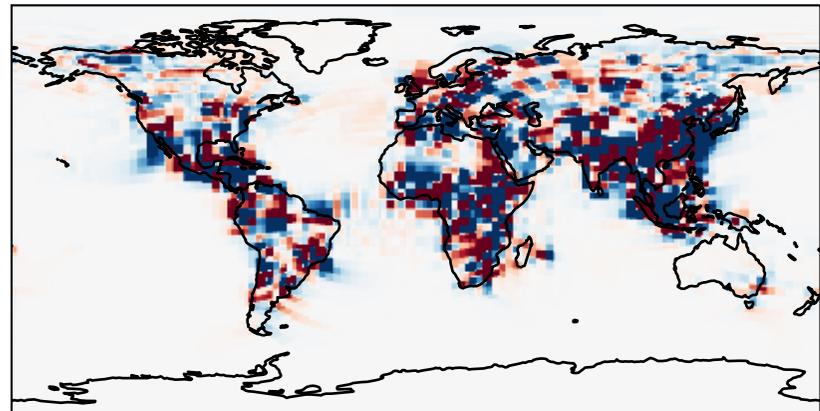# SpeciesConcVV_DSTbin7 (Jul2019)

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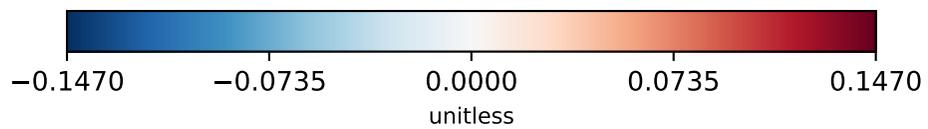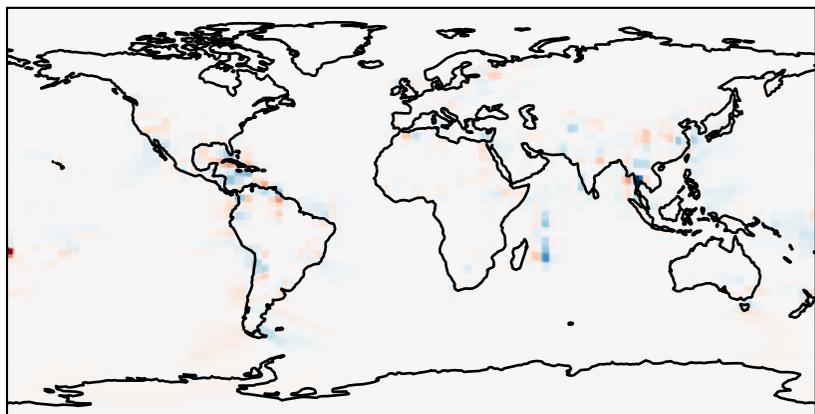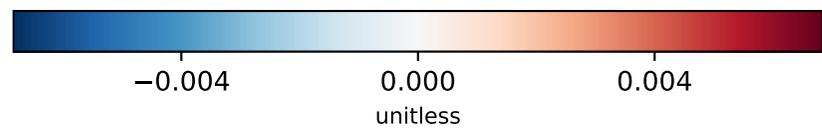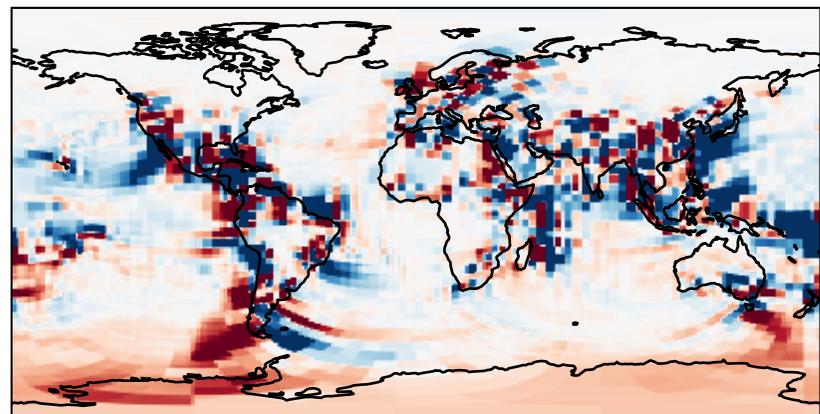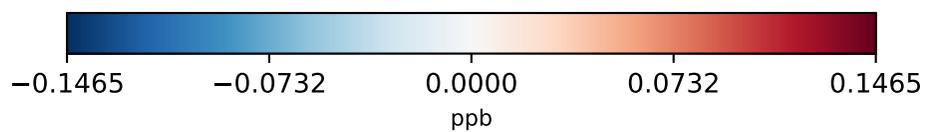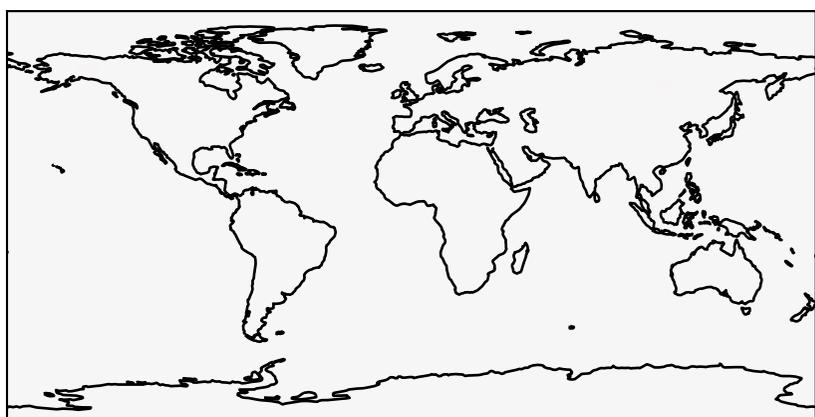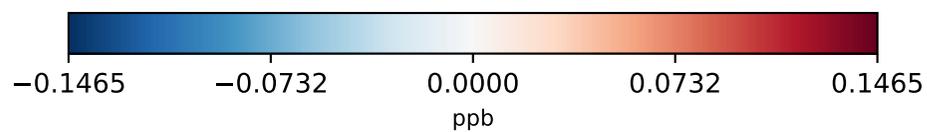4.0x5.0

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_NH4 (Jul2019)
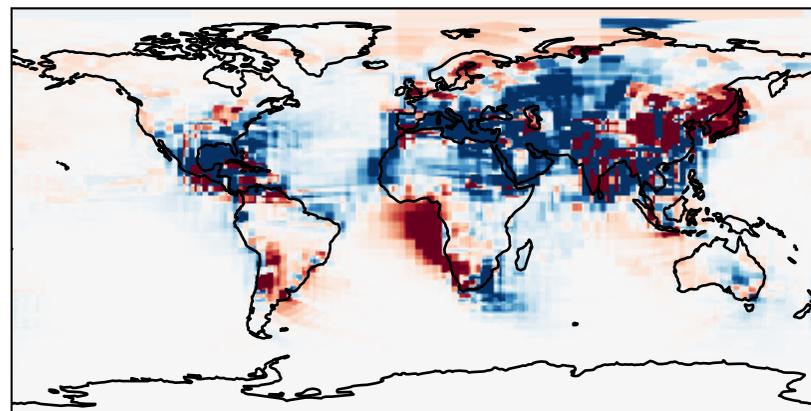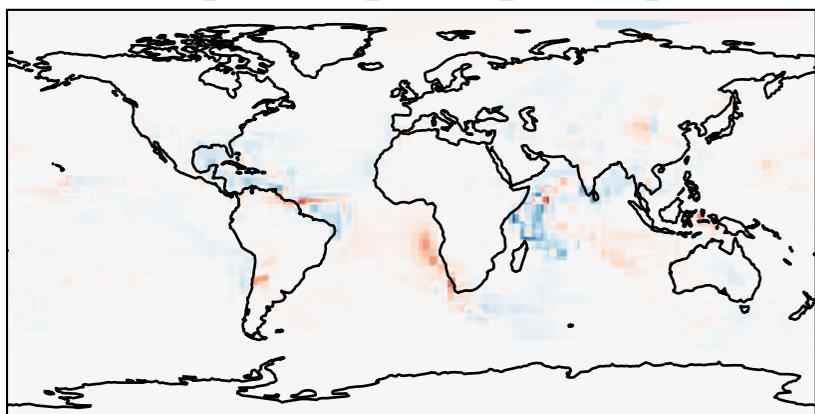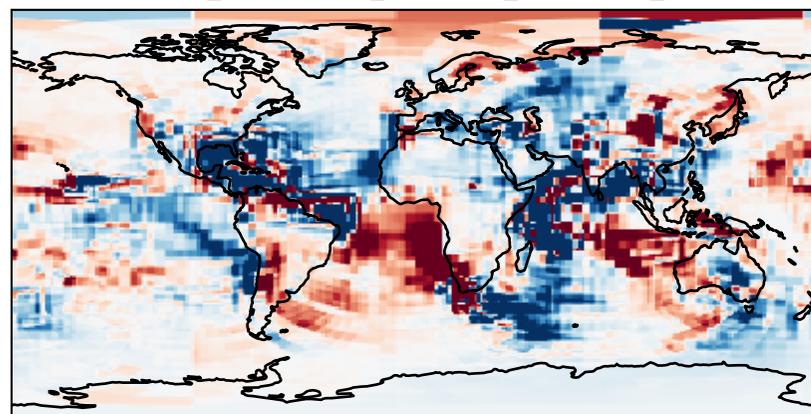
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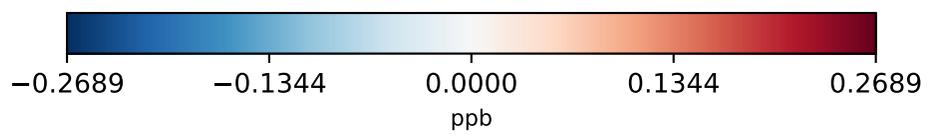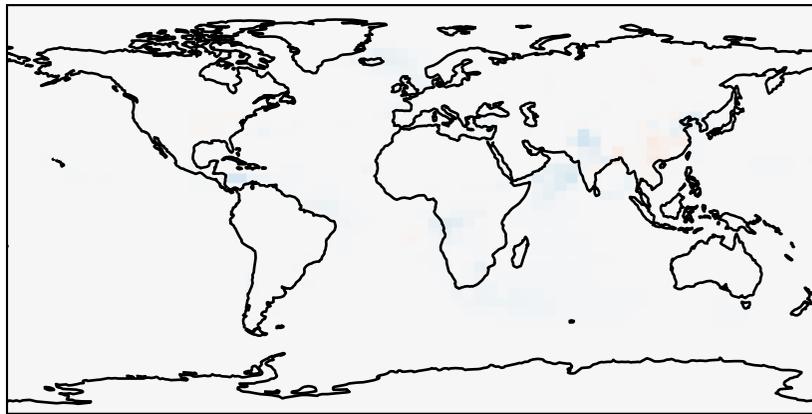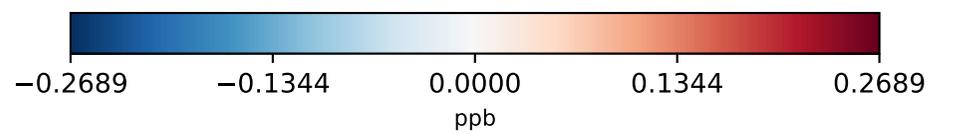
SpeciesConcVV_SO4 (Jul2019)

SpeciesConcVV_HMS (Jul2019)
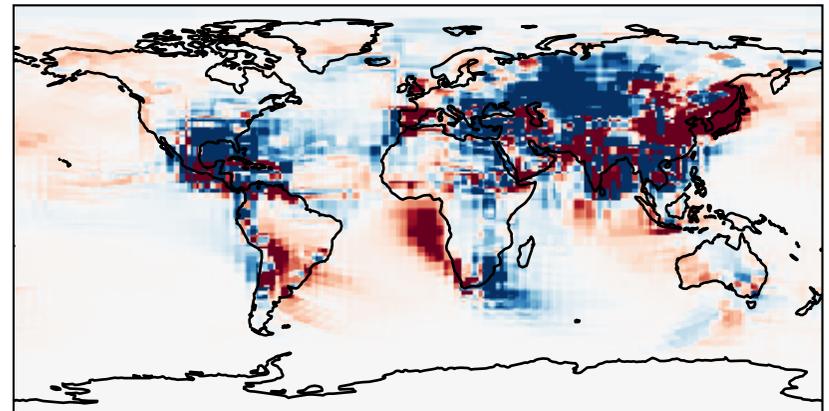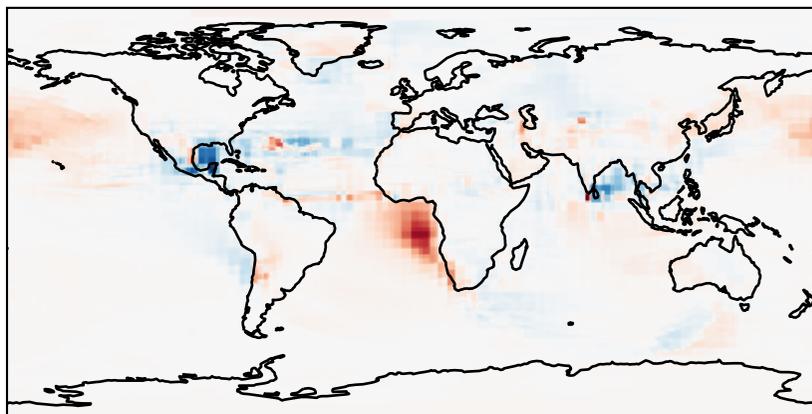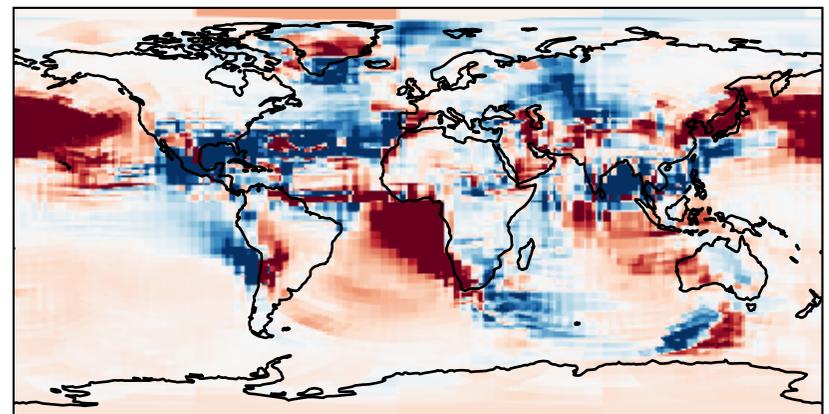
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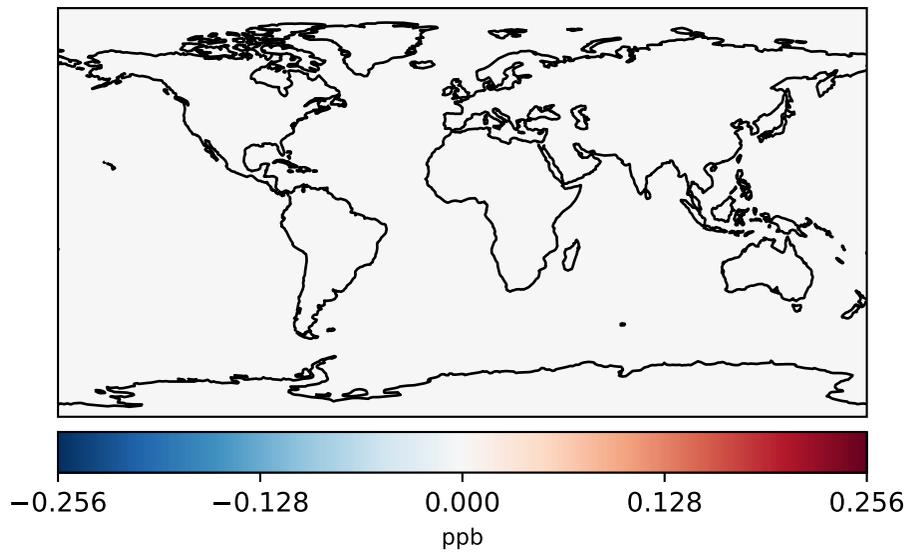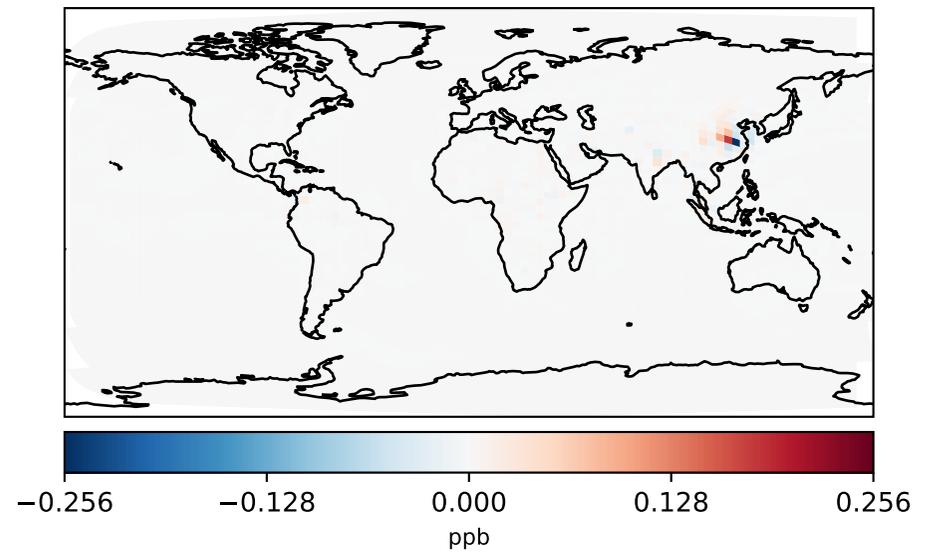
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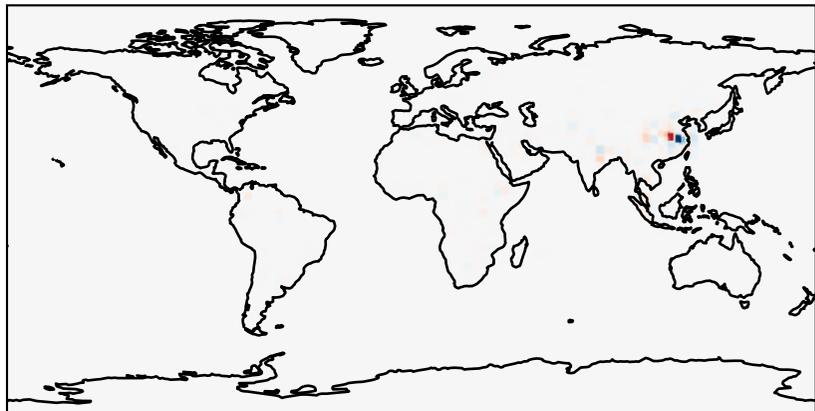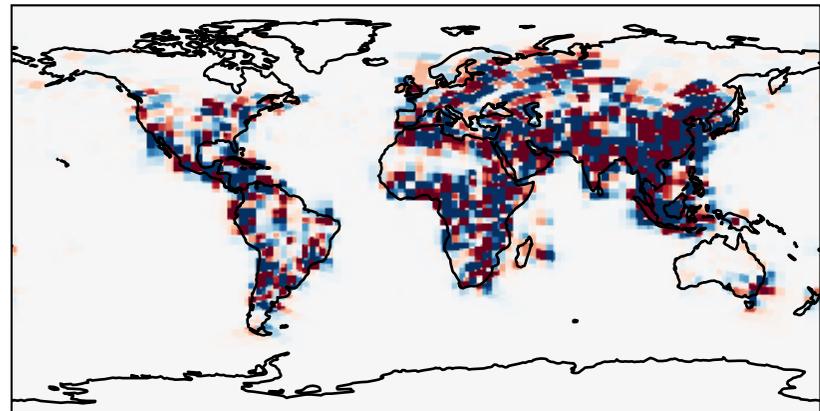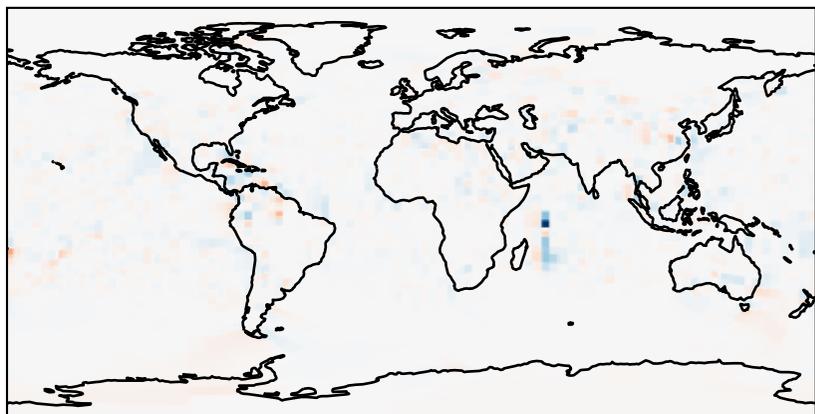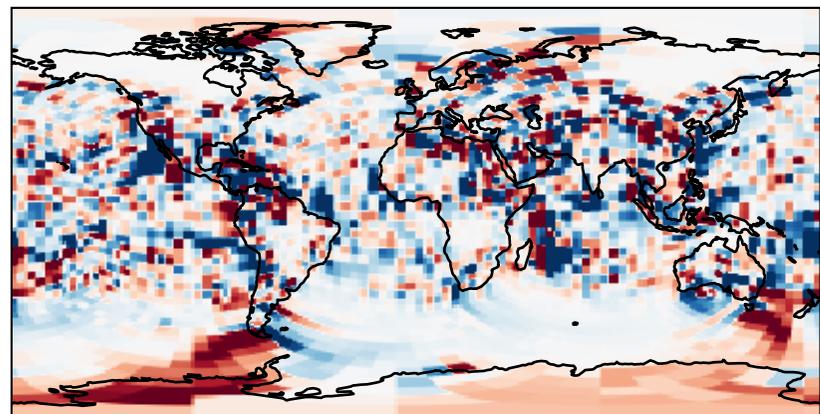
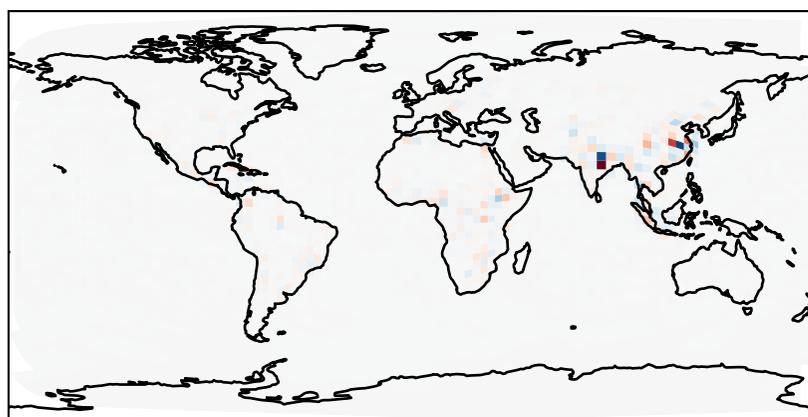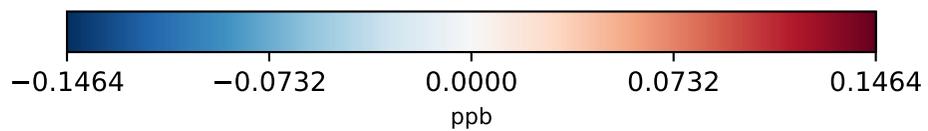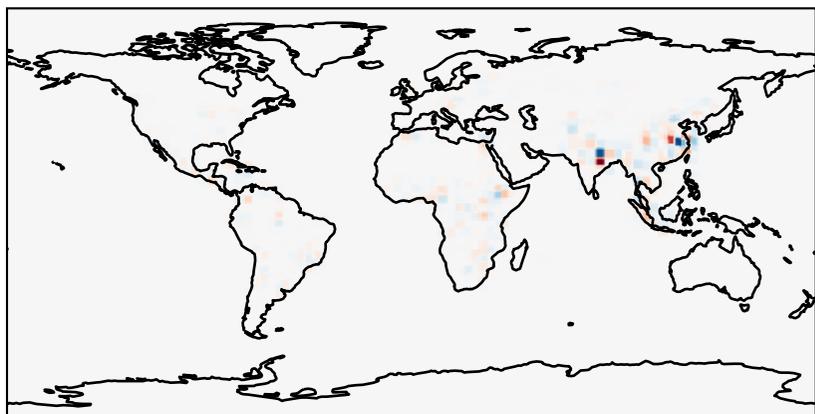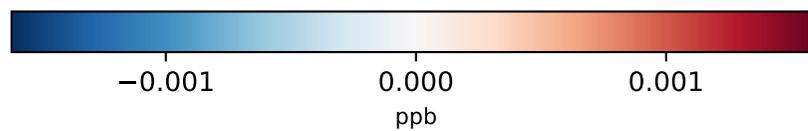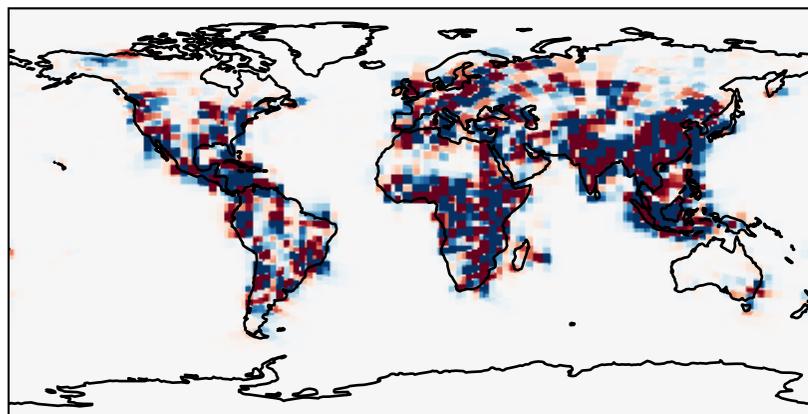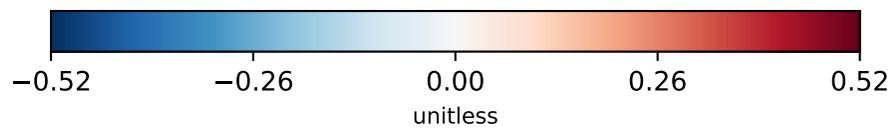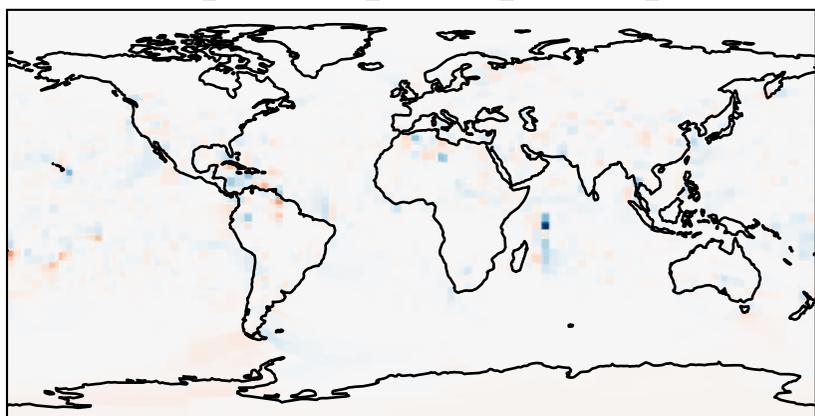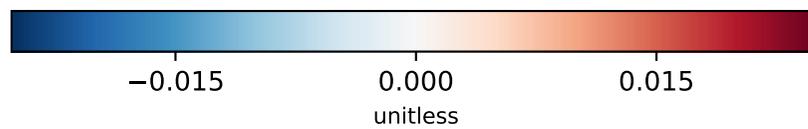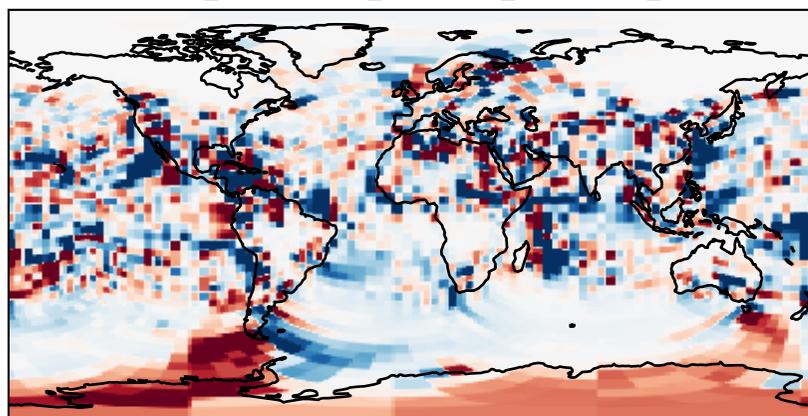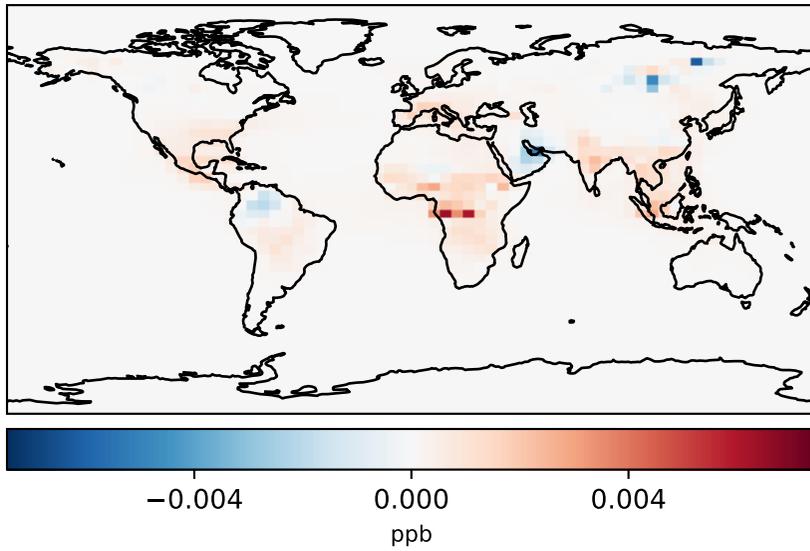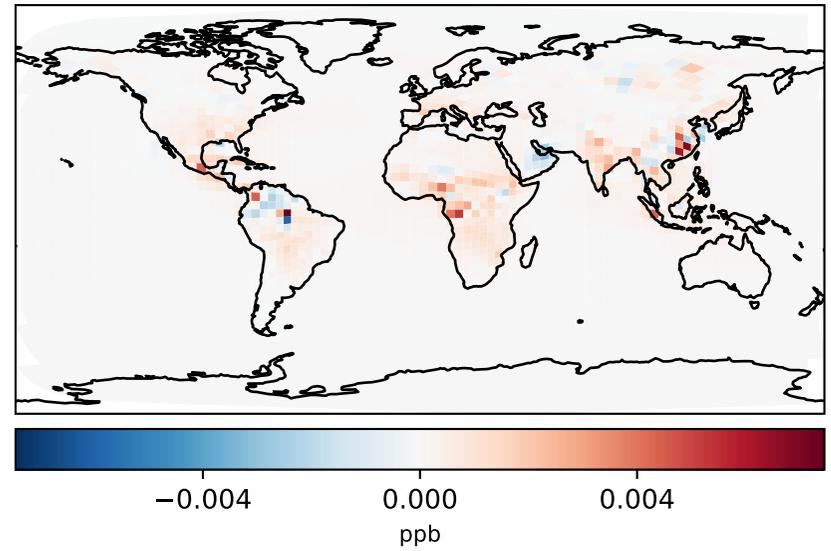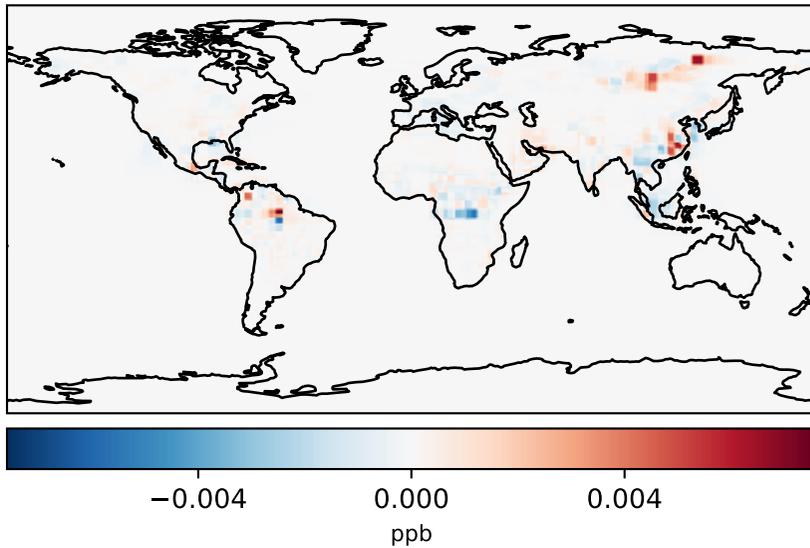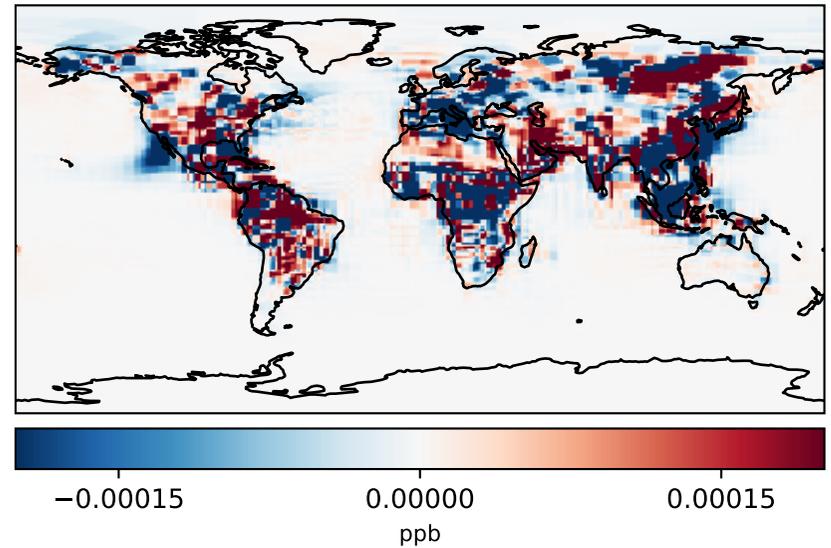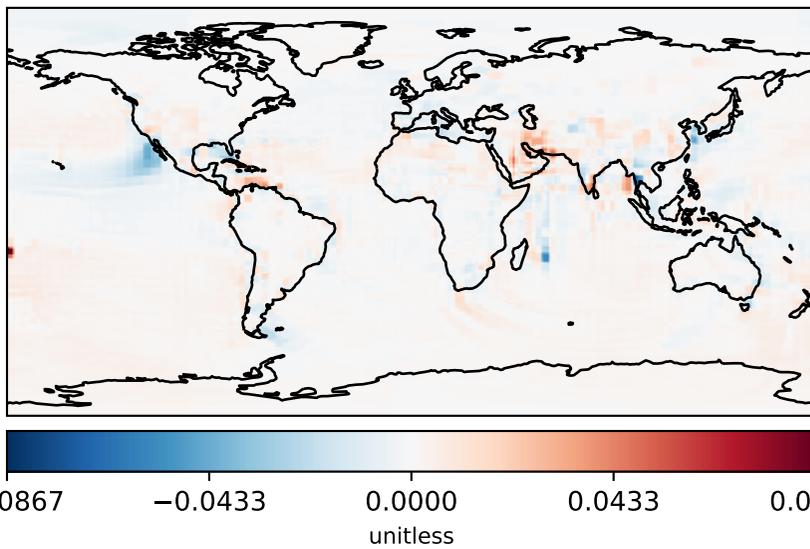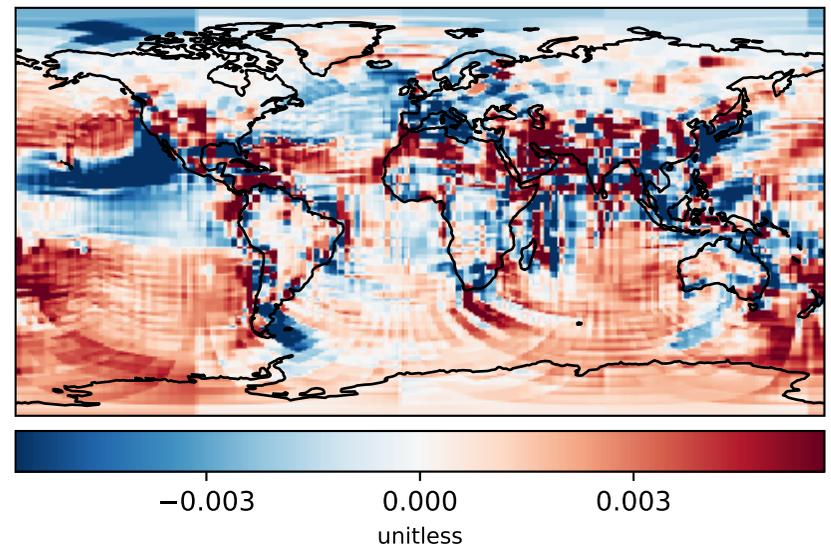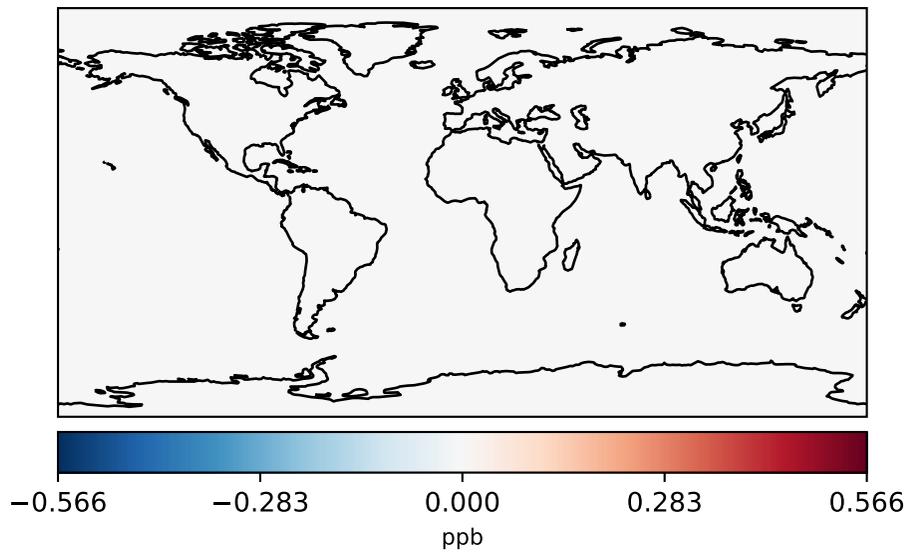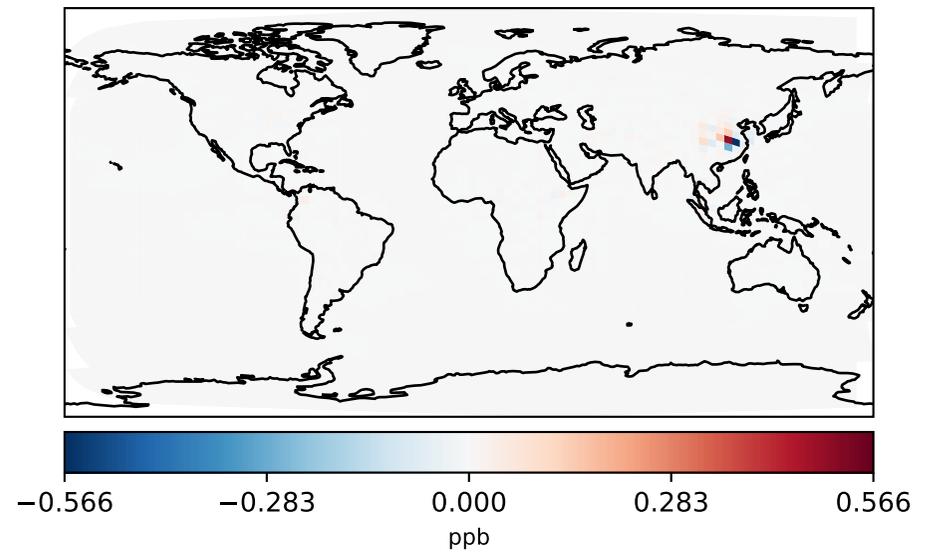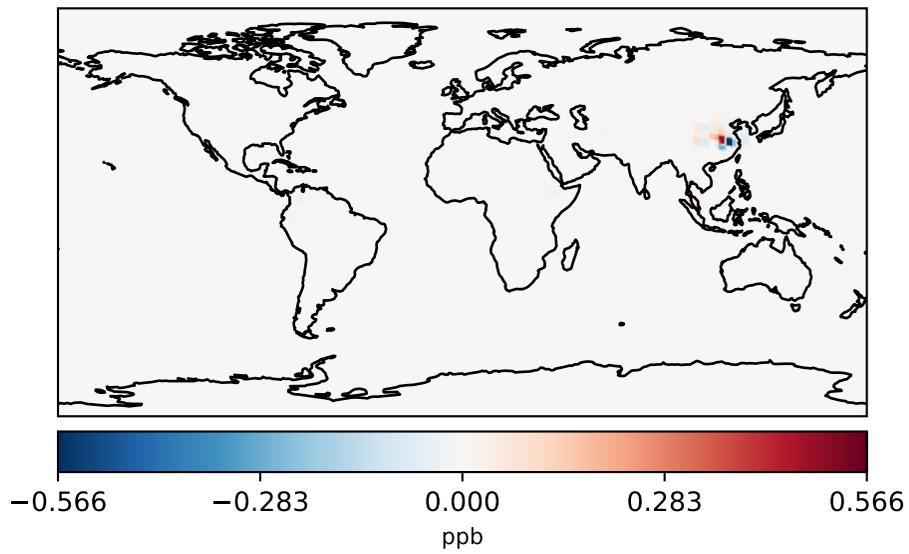# SpeciesConcVV_OCPI (Jul2019)
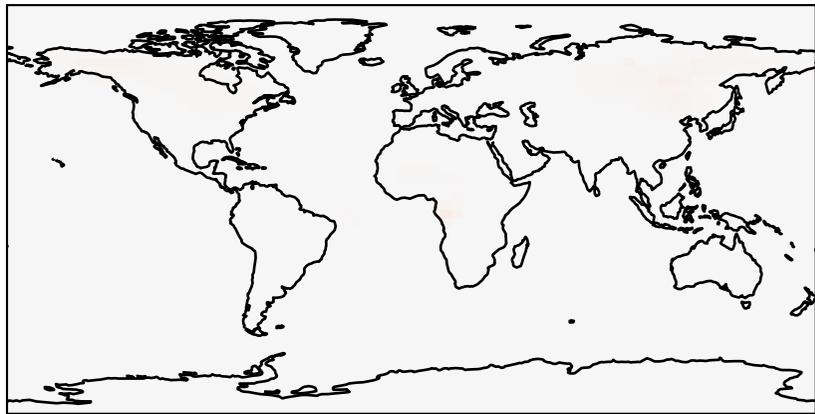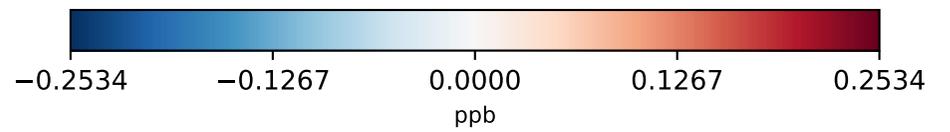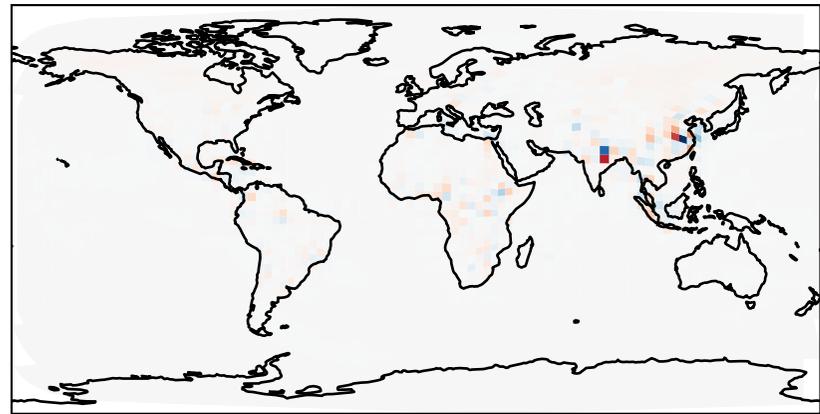
SpeciesConcVV_OCPO (Jul2019)

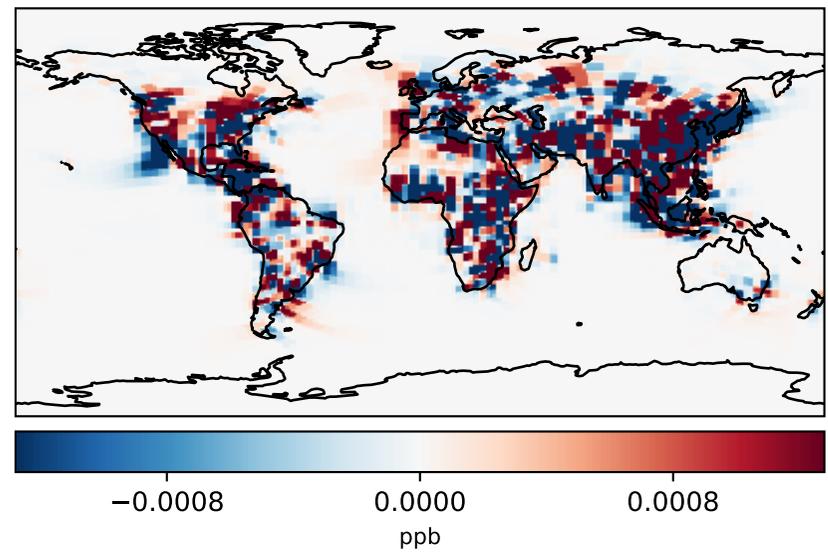gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
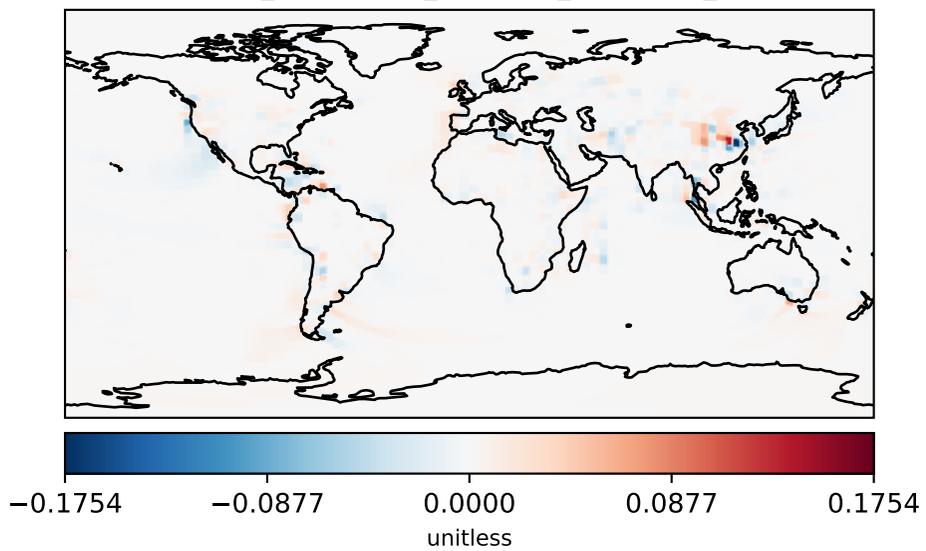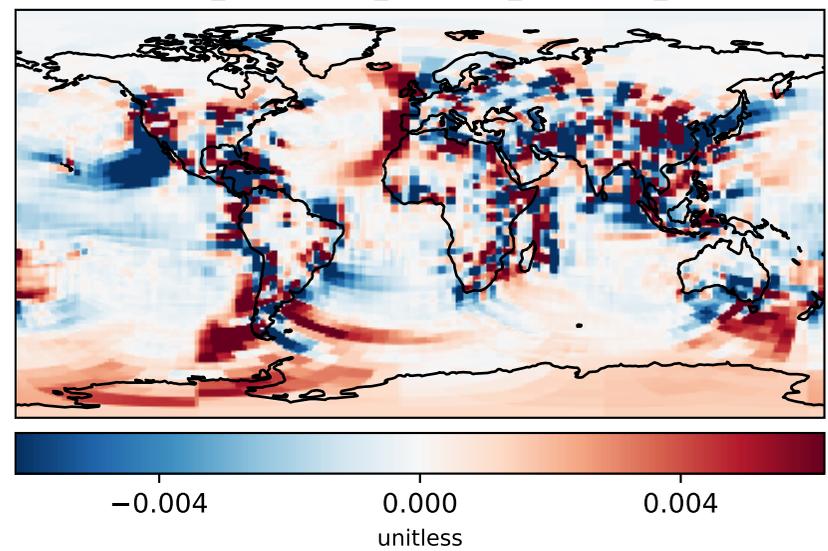4.0x5.0

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%]

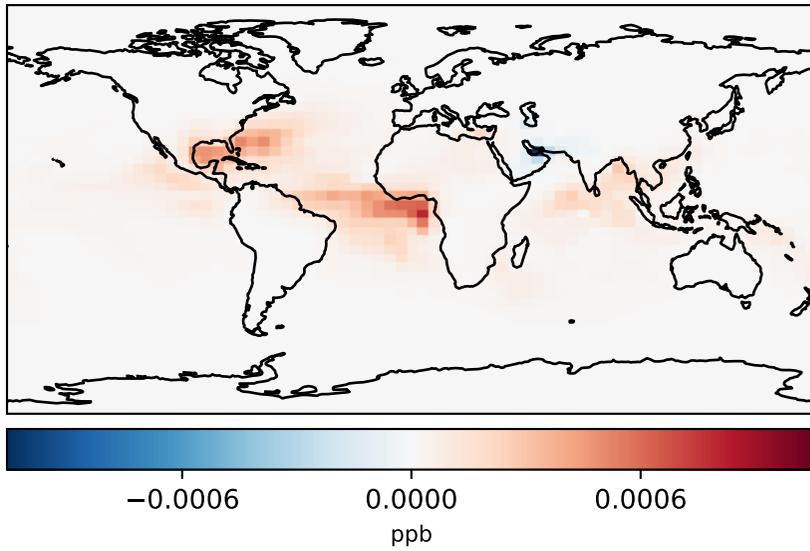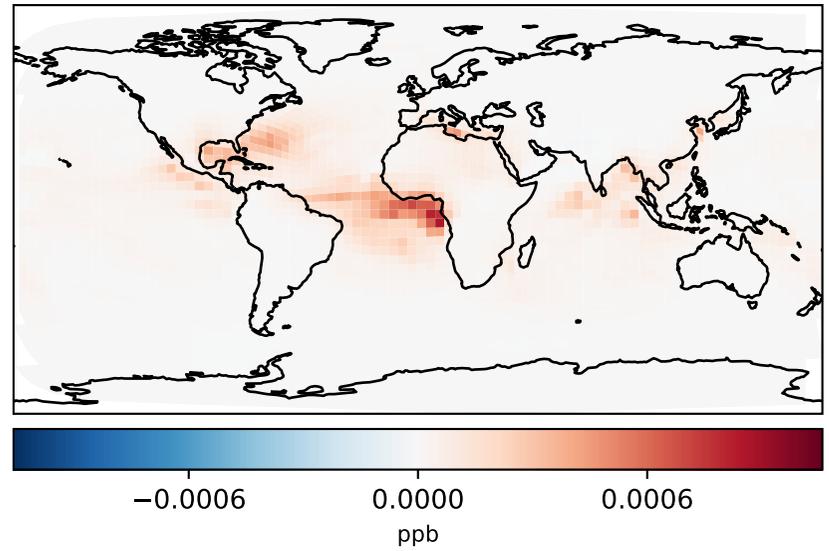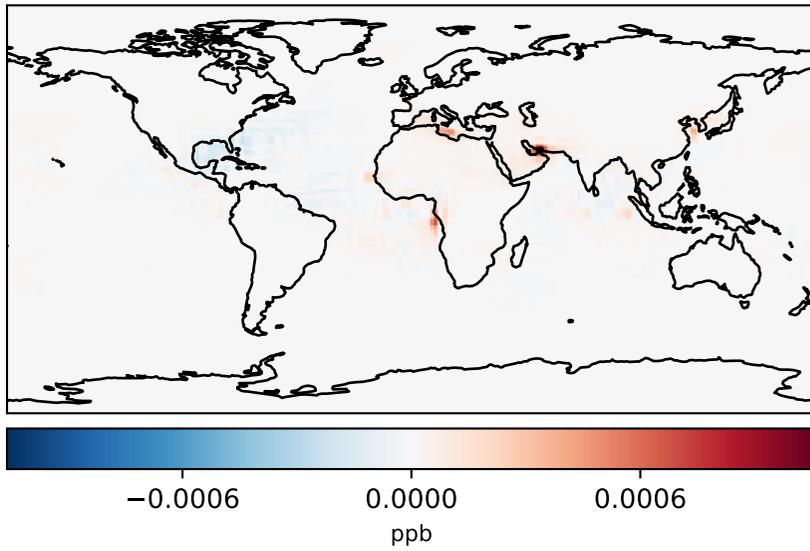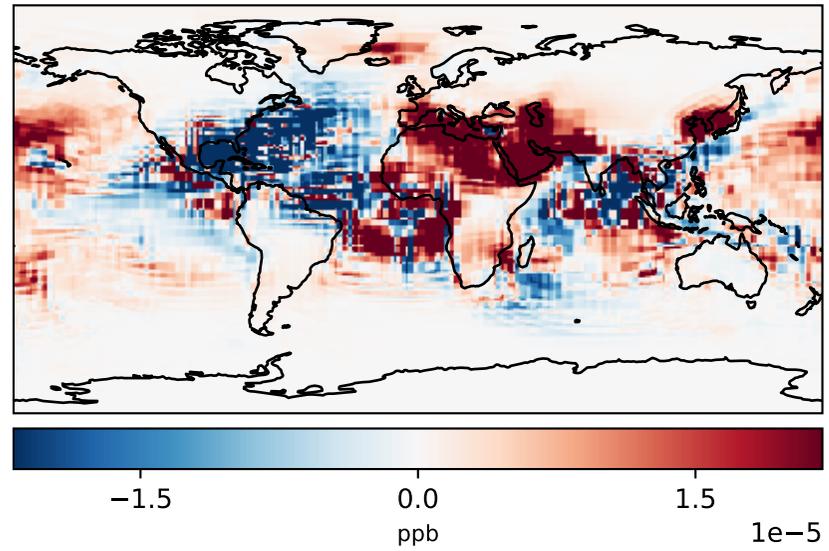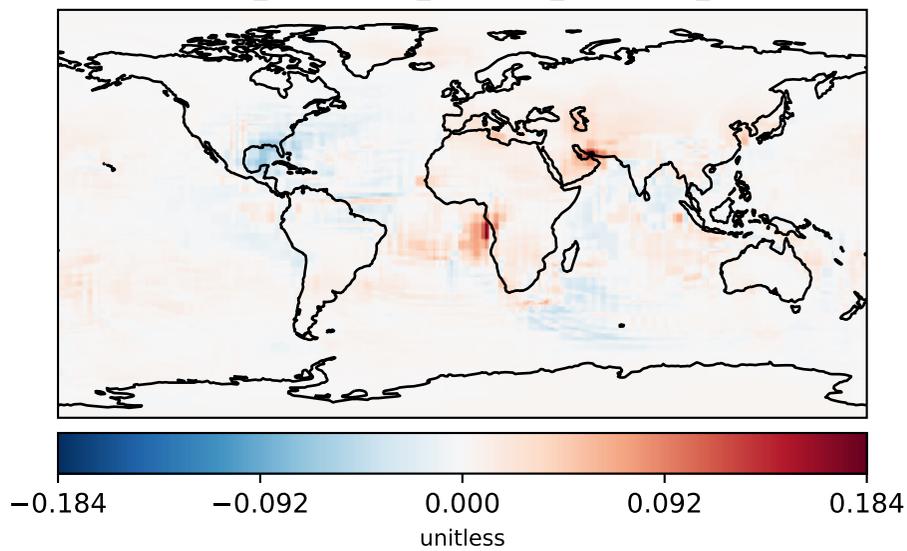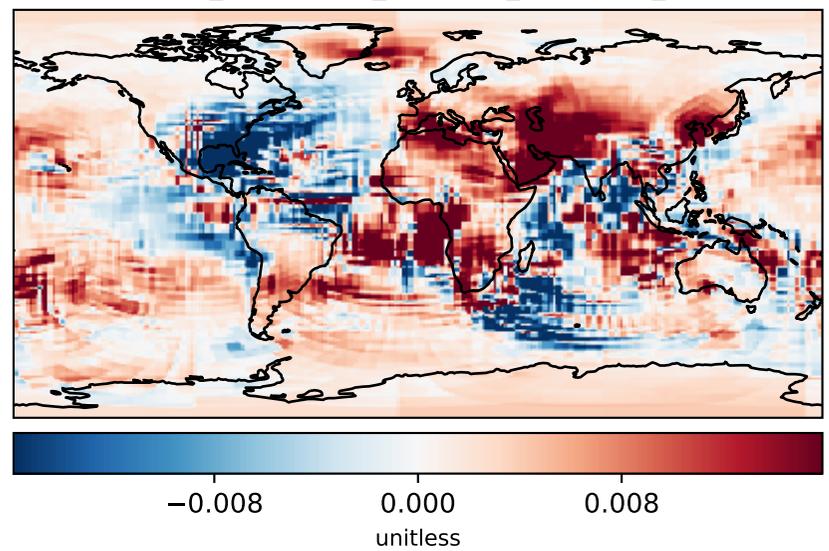Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

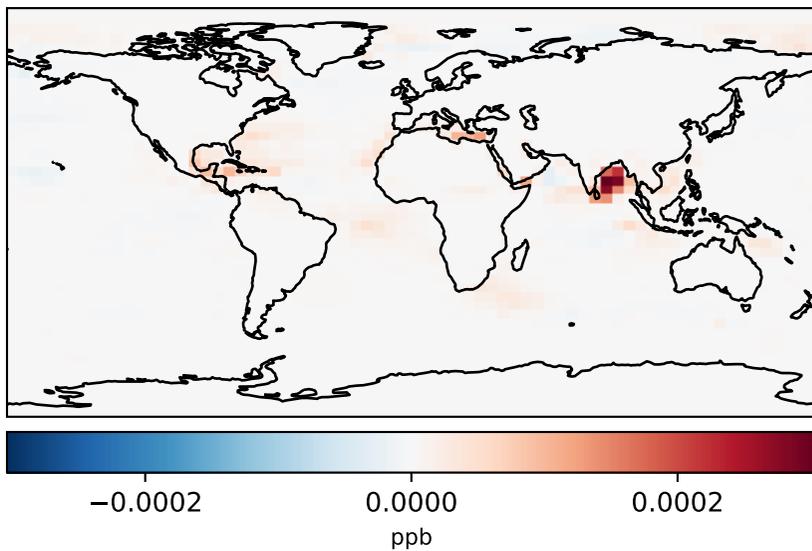Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

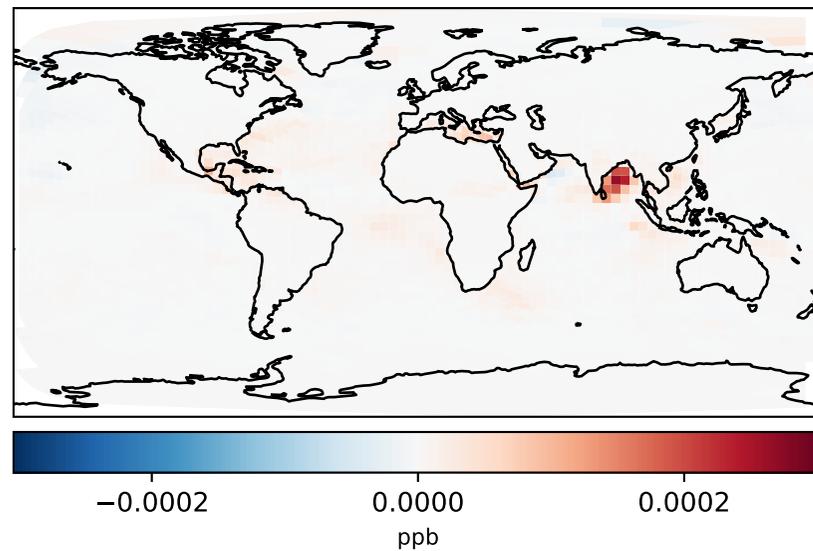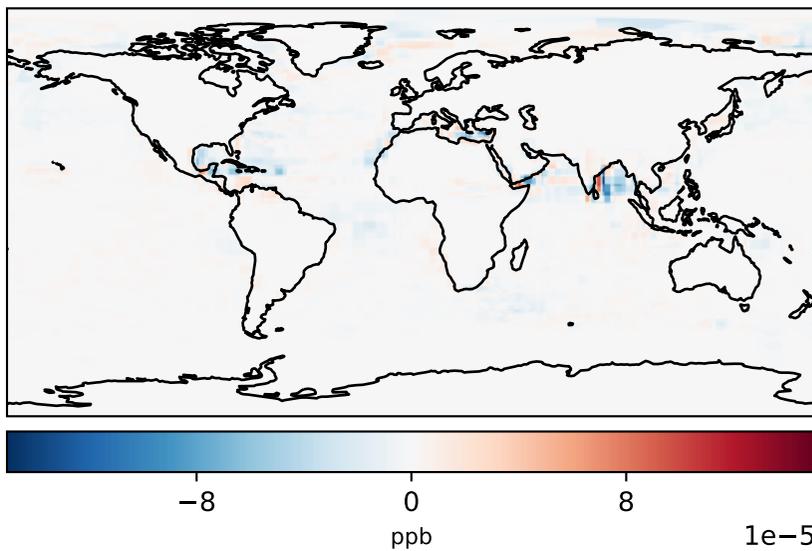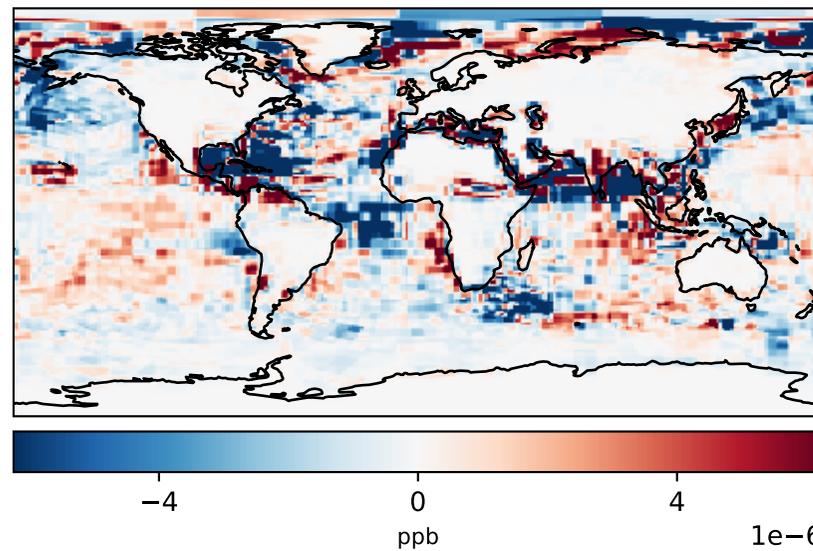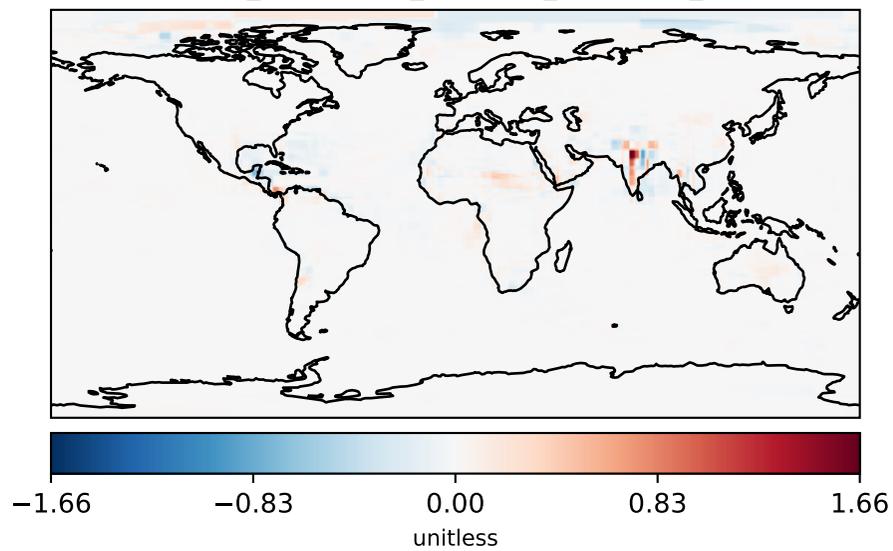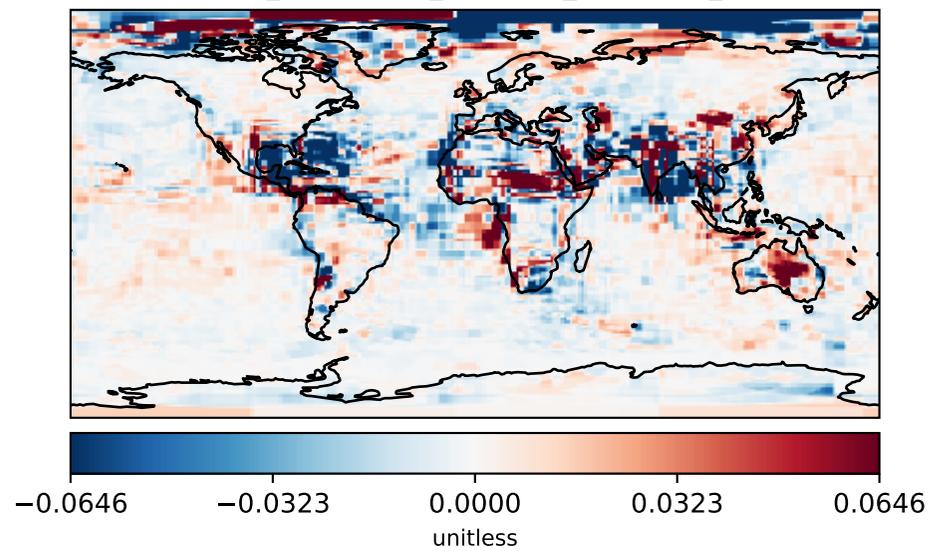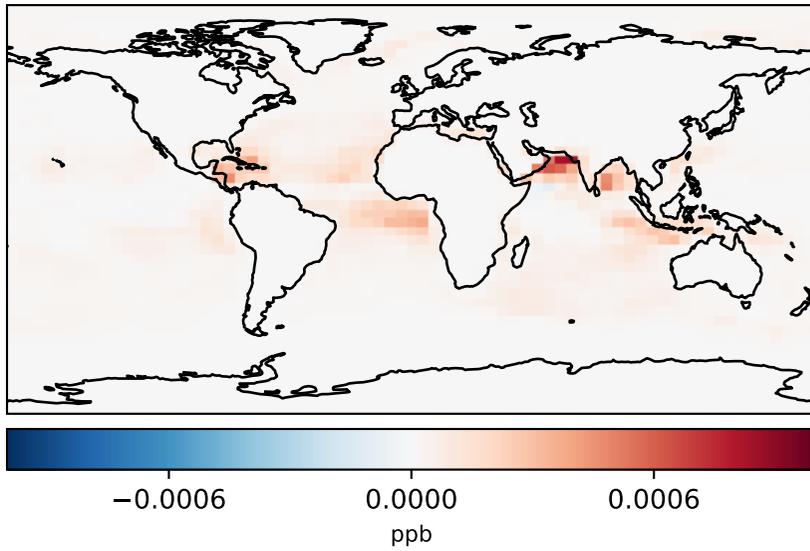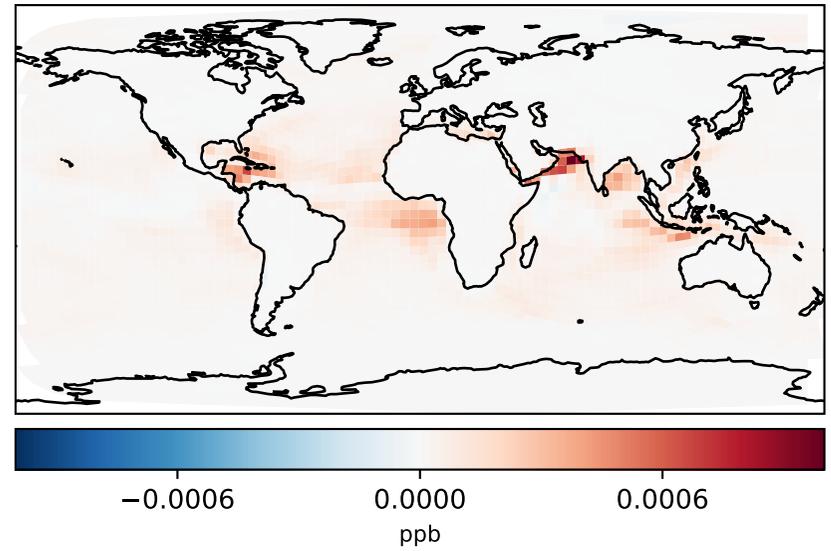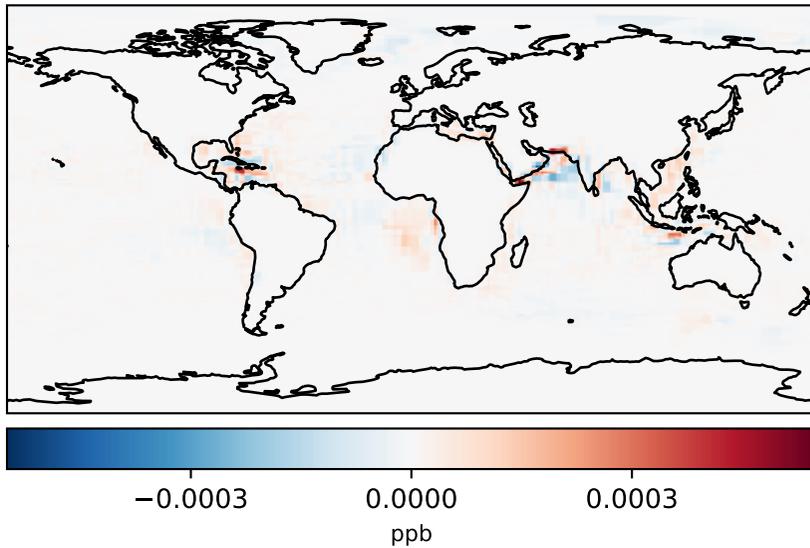# SpeciesConcVV_Complex_SOA (Jul2019)

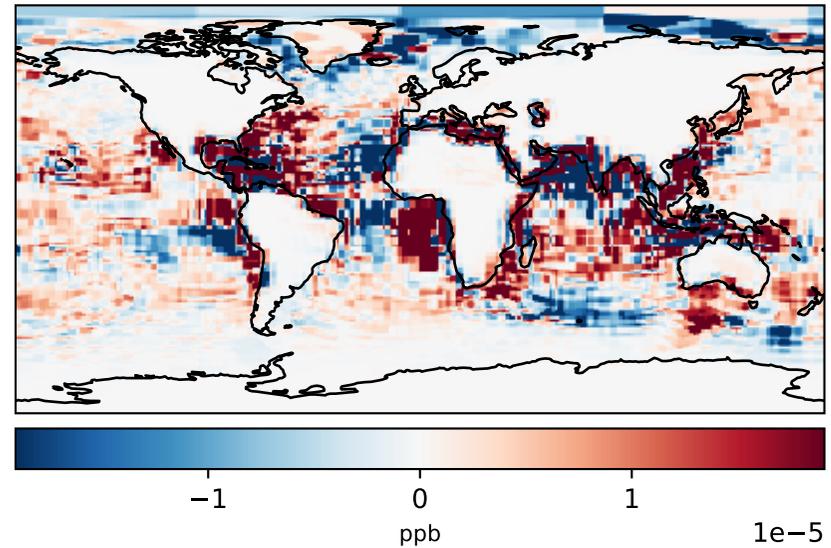gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
4.0x5.0

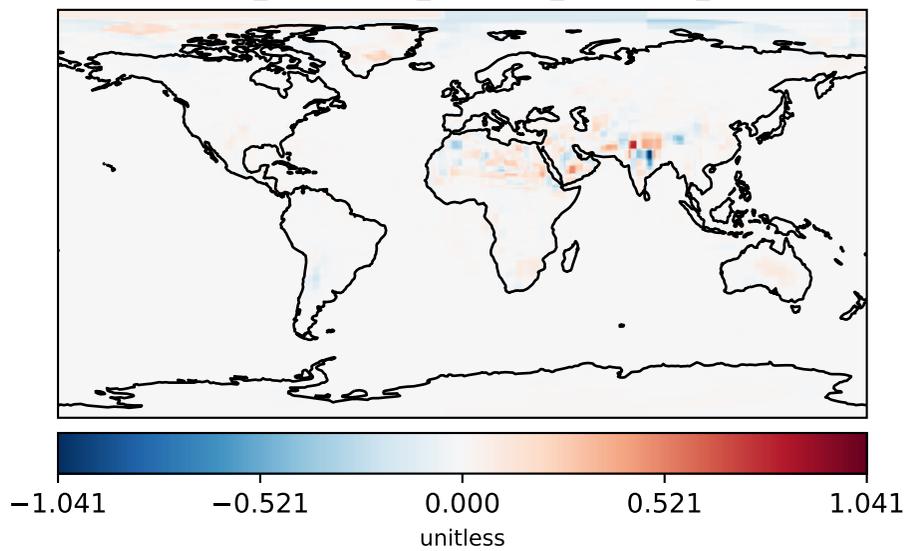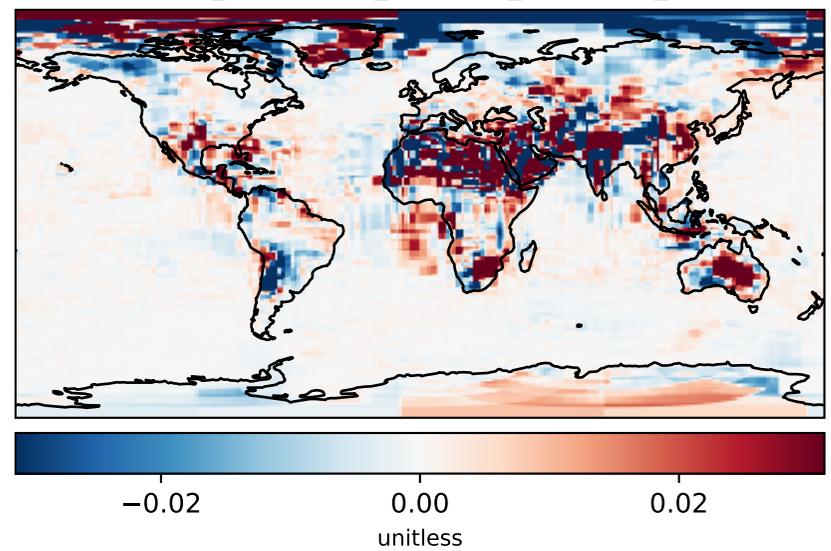gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
c24

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

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

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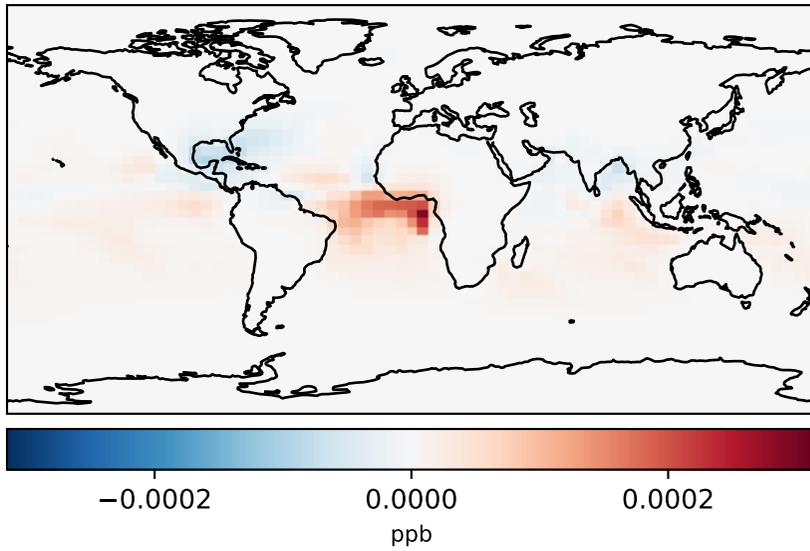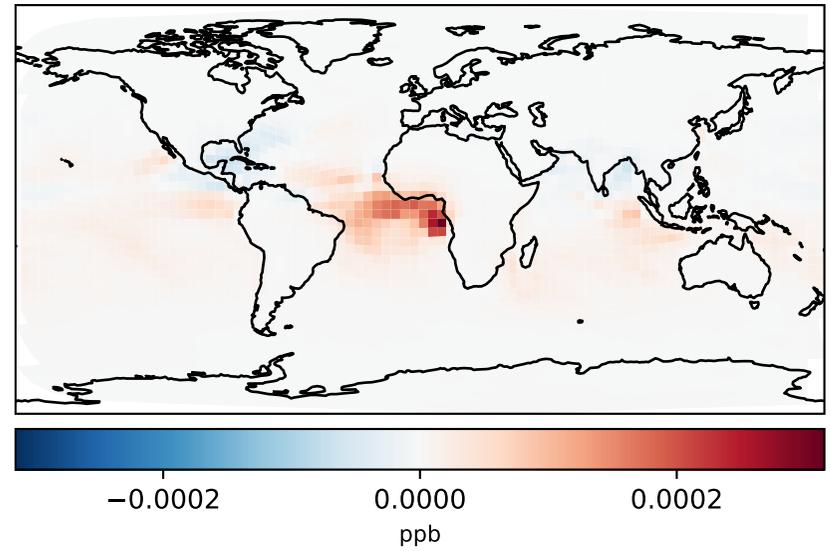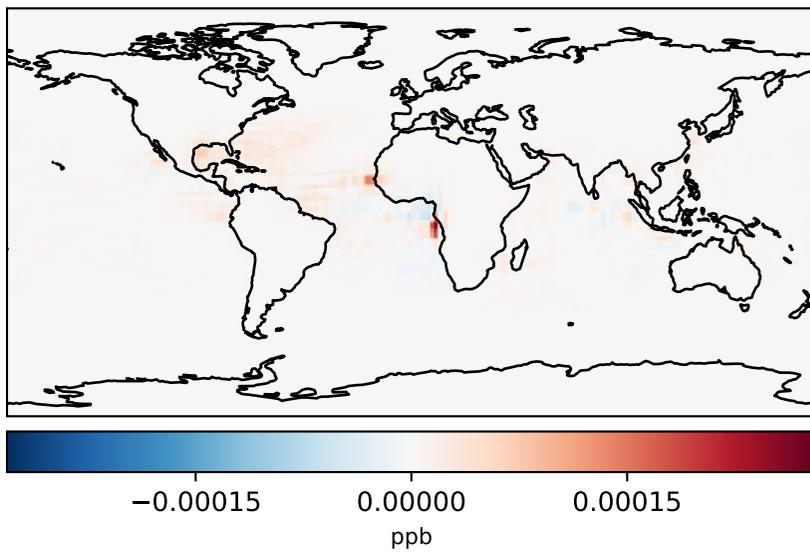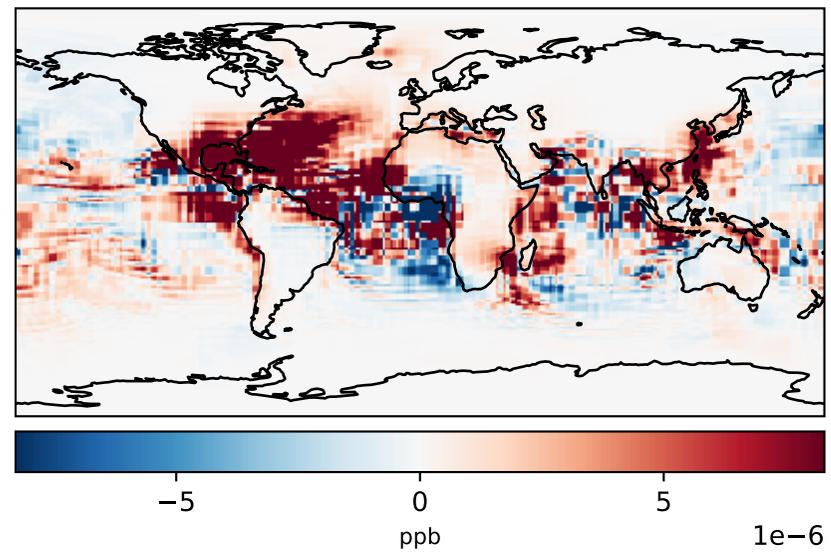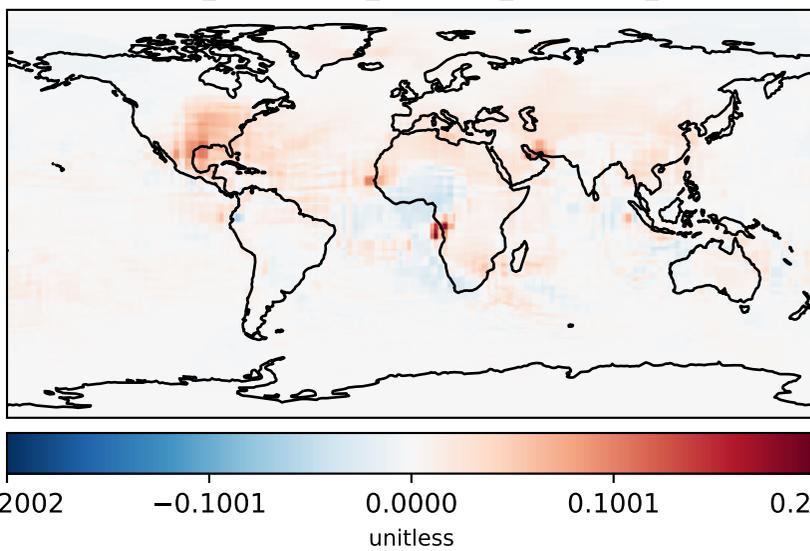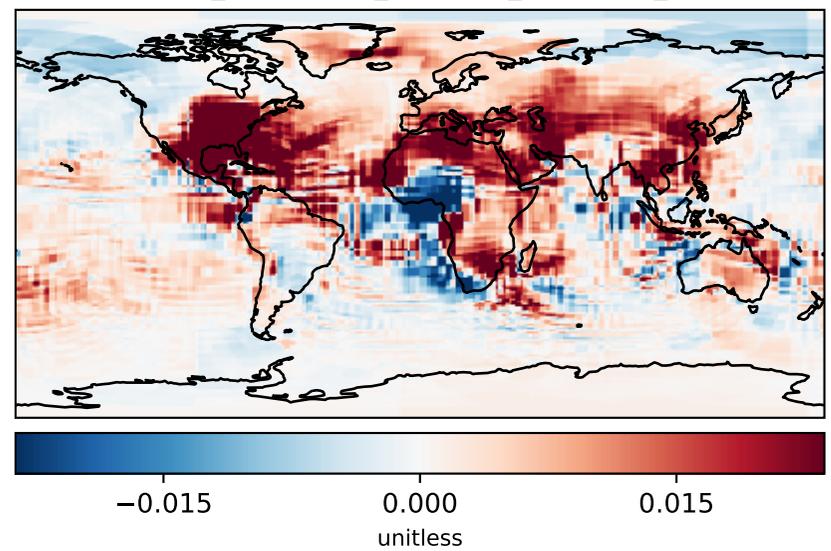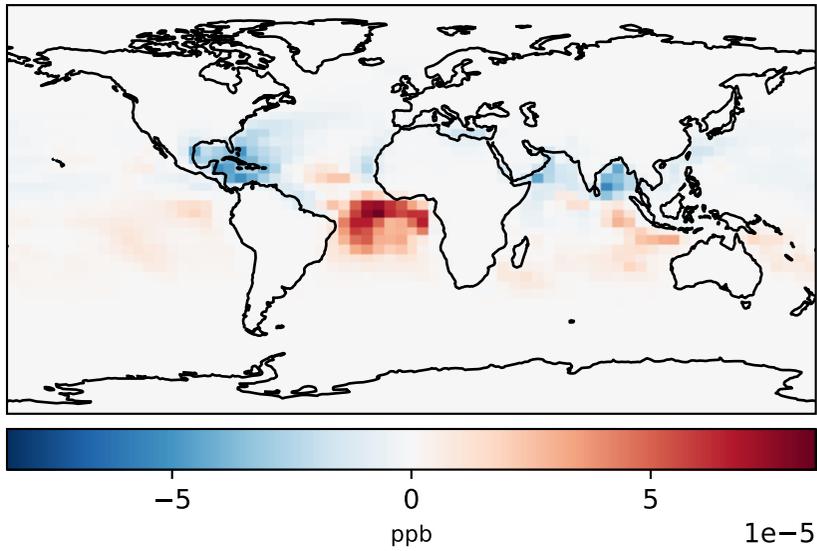GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

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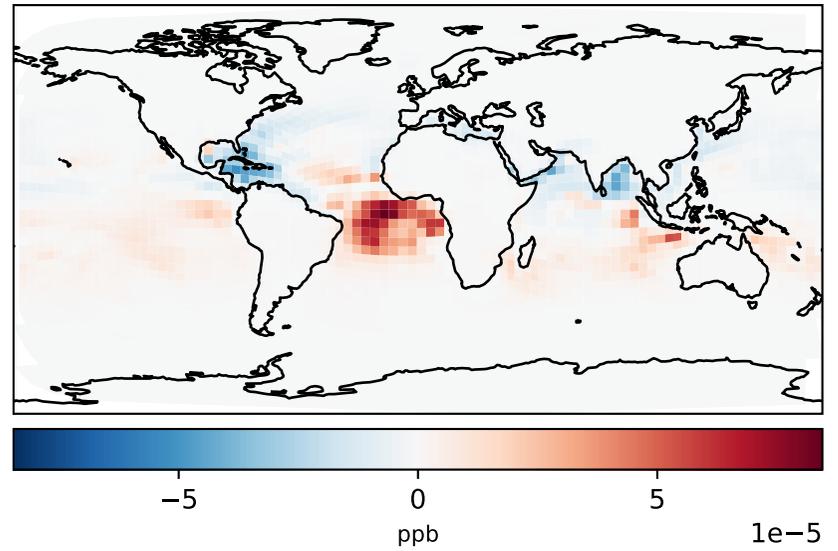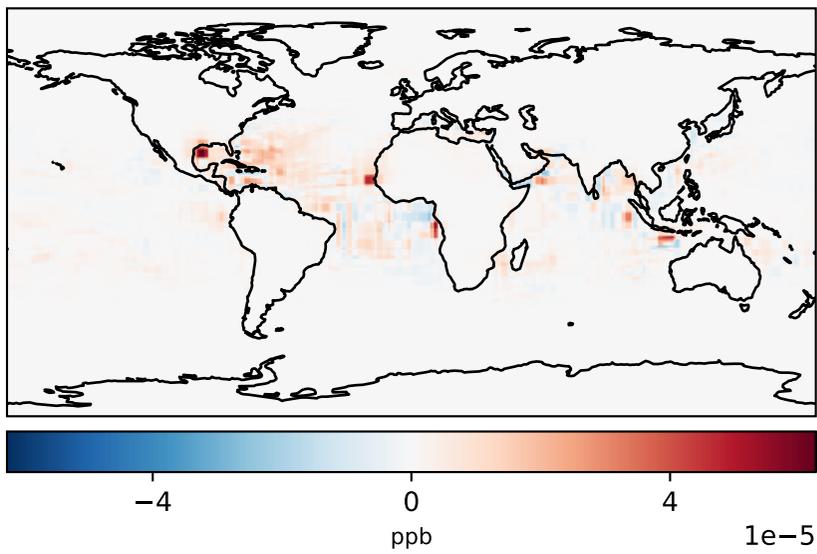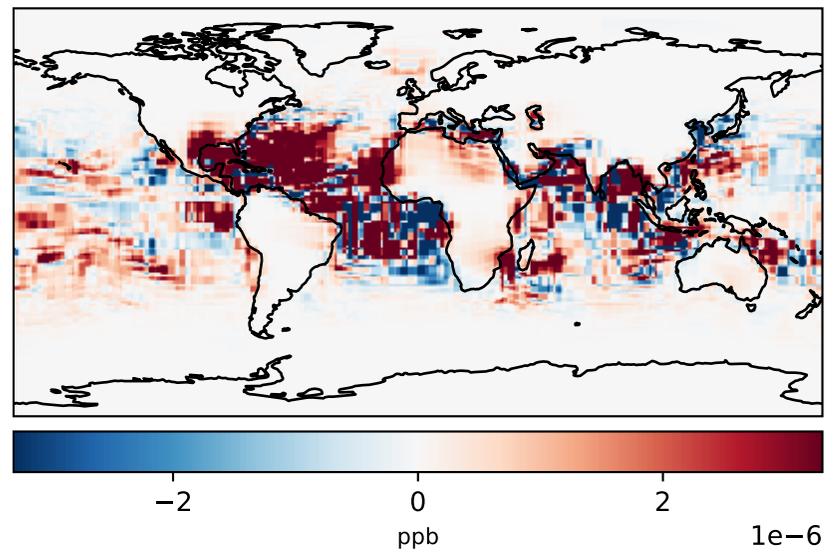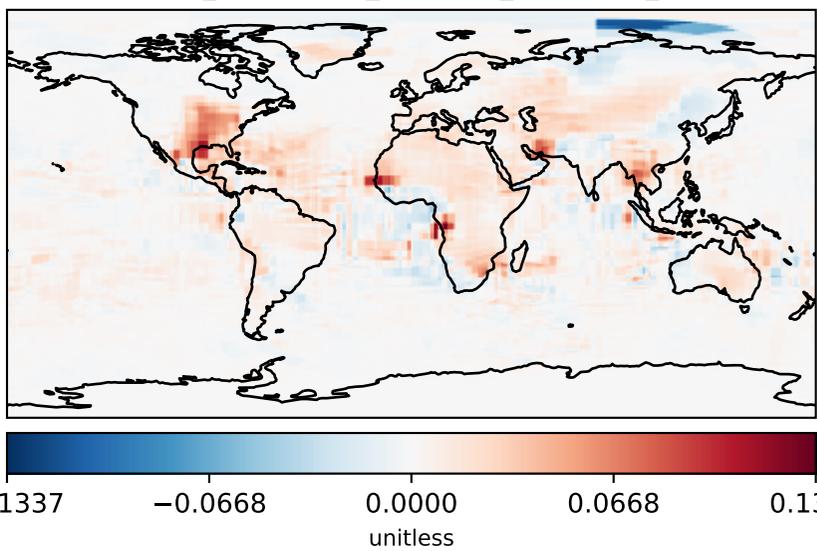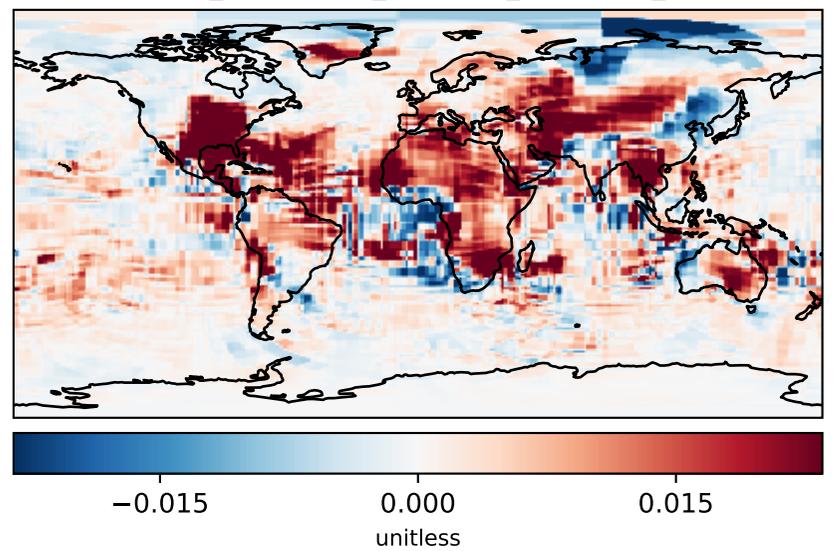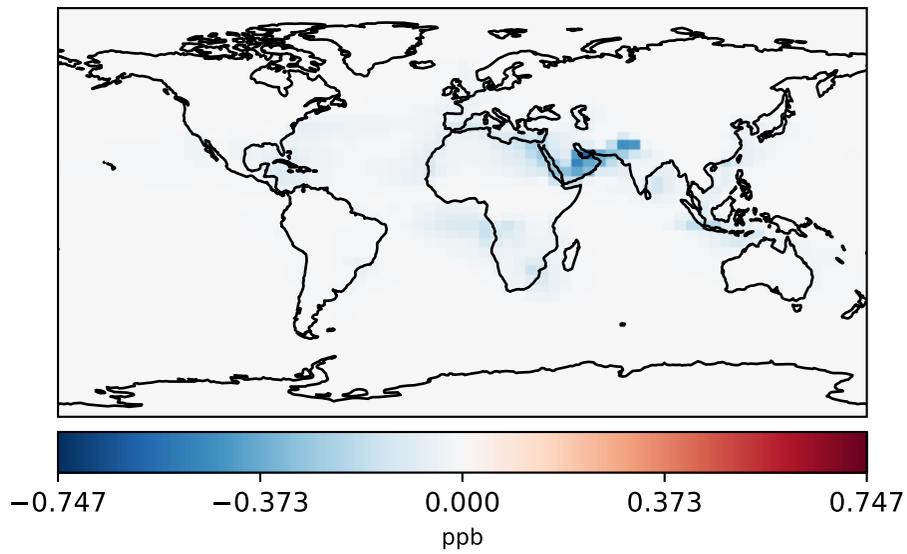GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

SpeciesConcVV_Simple_SOA (Jul2019)

SpeciesConcVV_AERI (Jul2019)

SpeciesConcVV_BrSALA (Jul2019)

SpeciesConcVV_BrSALC (Jul2019)

SpeciesConcVV_ISALA (Jul2019)

SpeciesConcVV_ISALC (Jul2019)

SpeciesConcVV_NITs (Jul2019)

SpeciesConcVV_SALA (Jul2019)

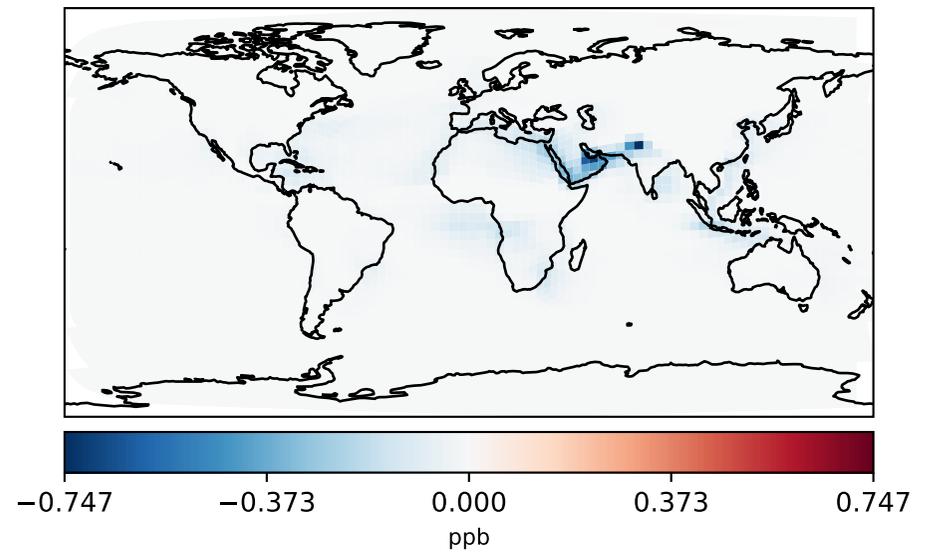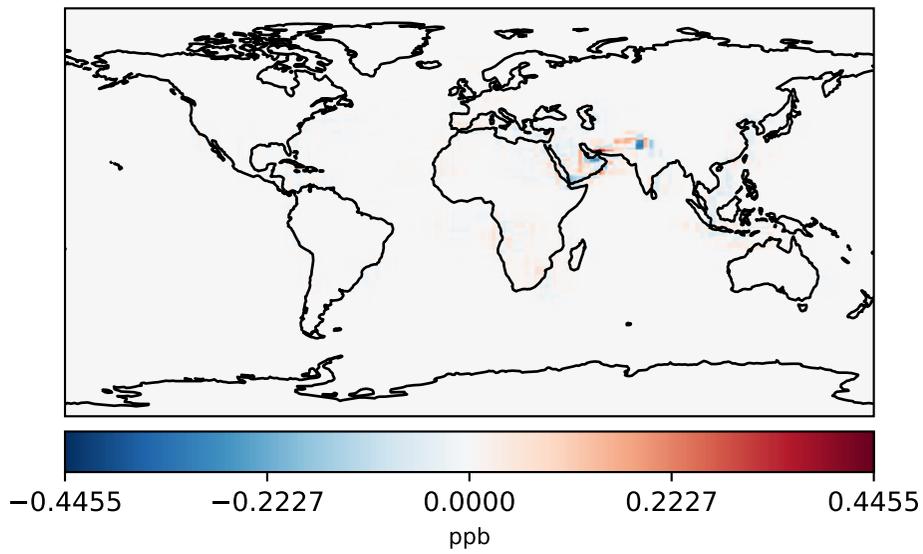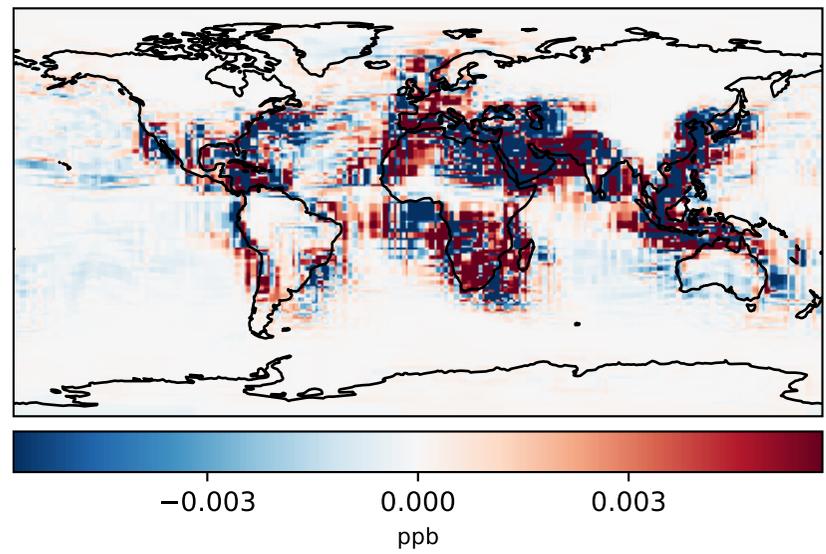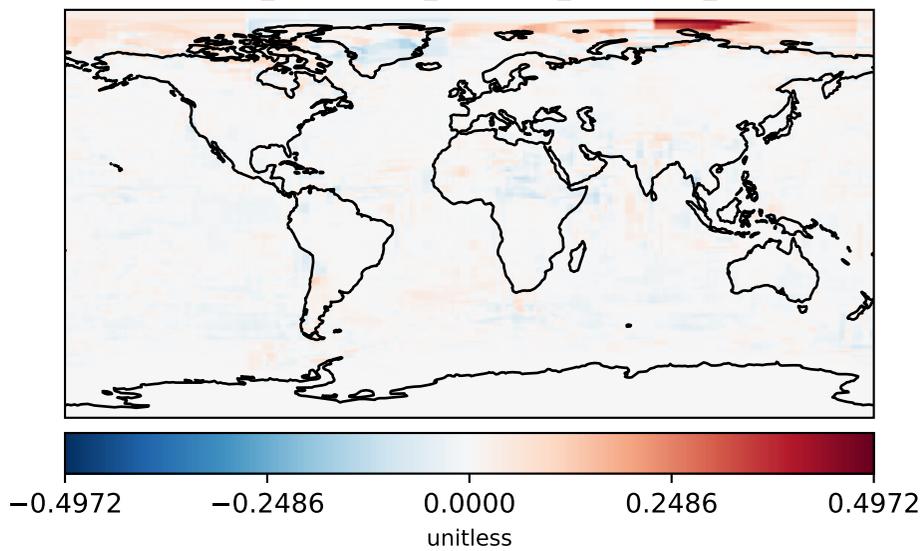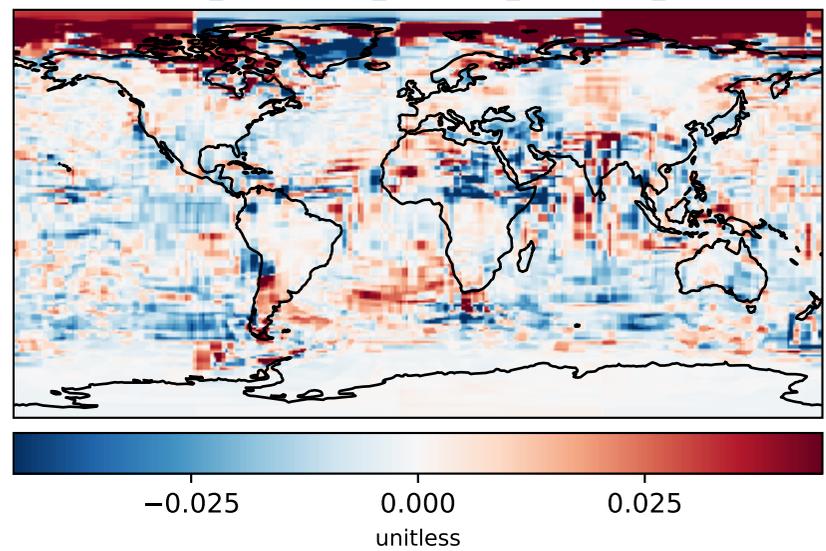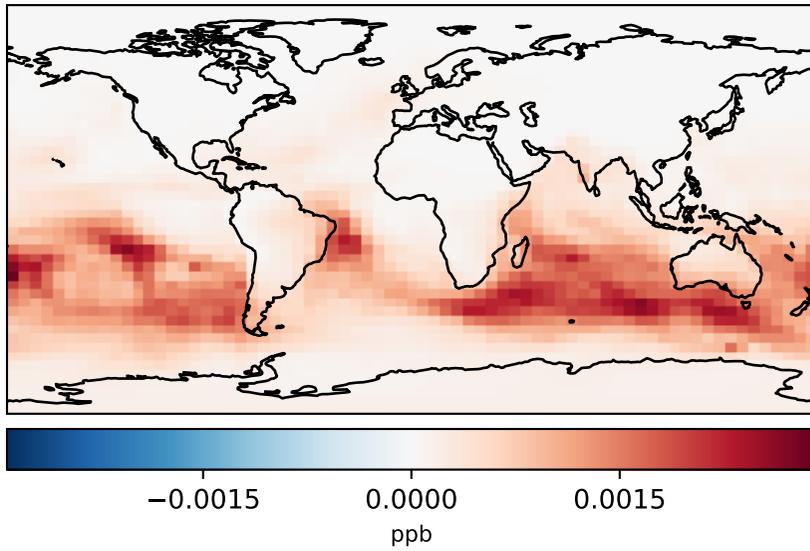# SpeciesConcVV_SALAAL (Jul2019)
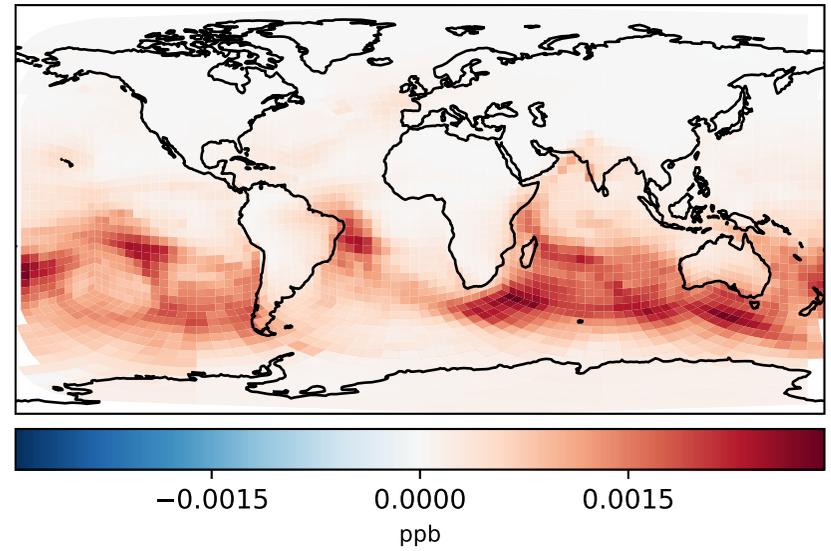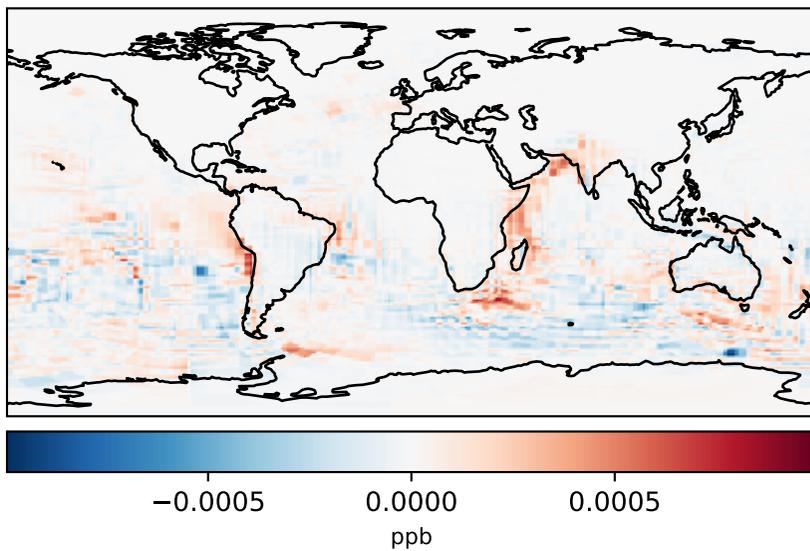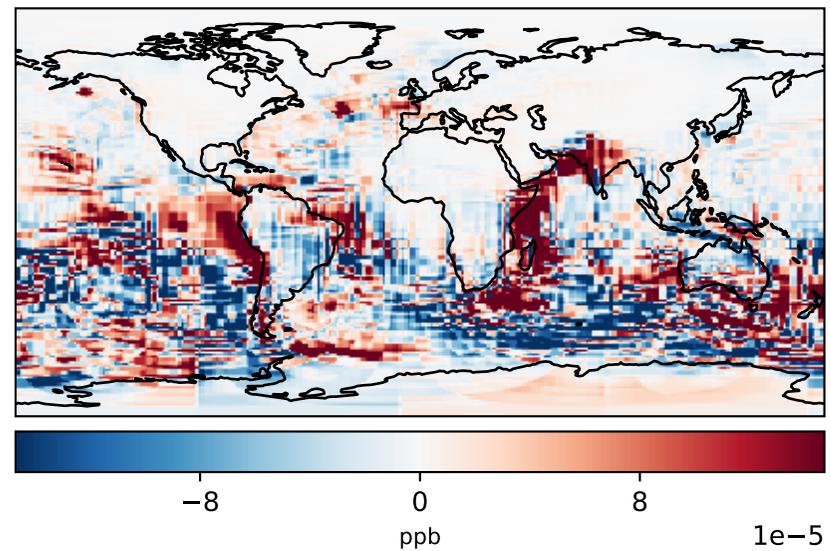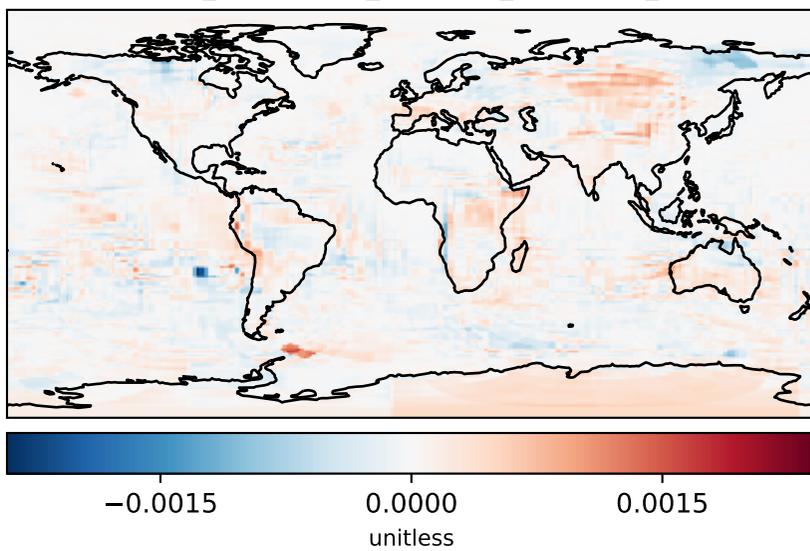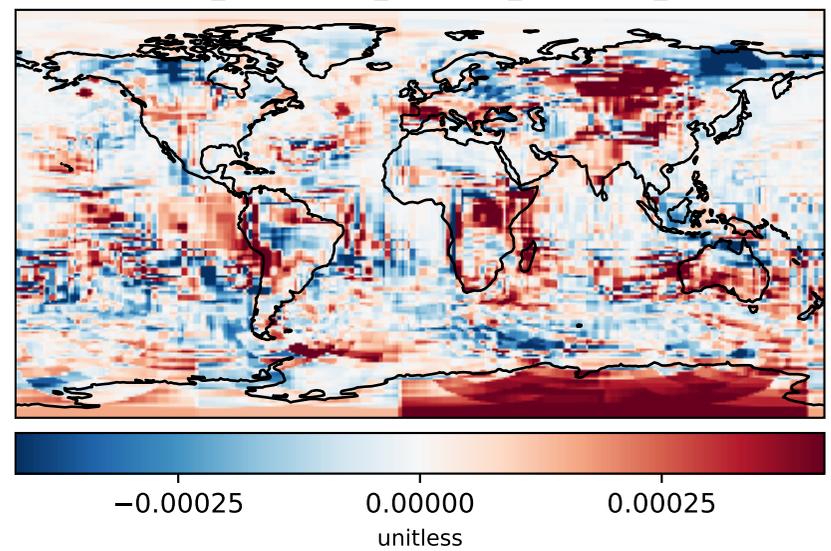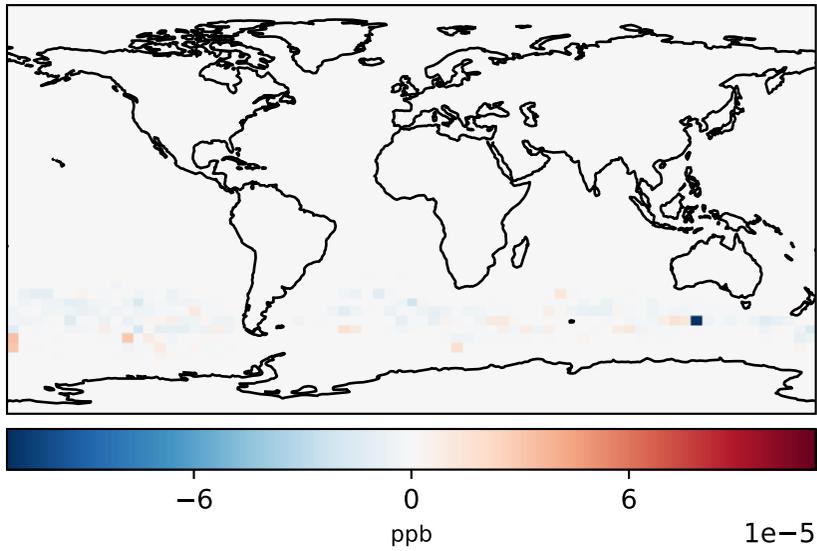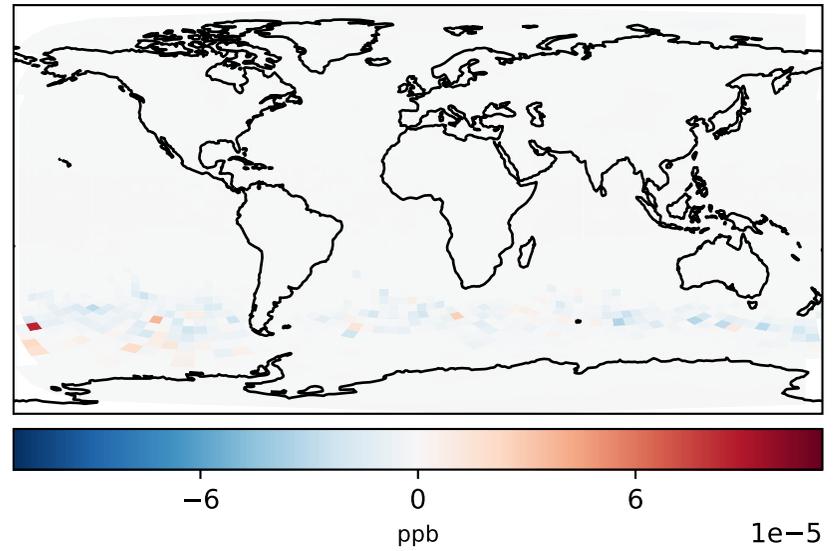
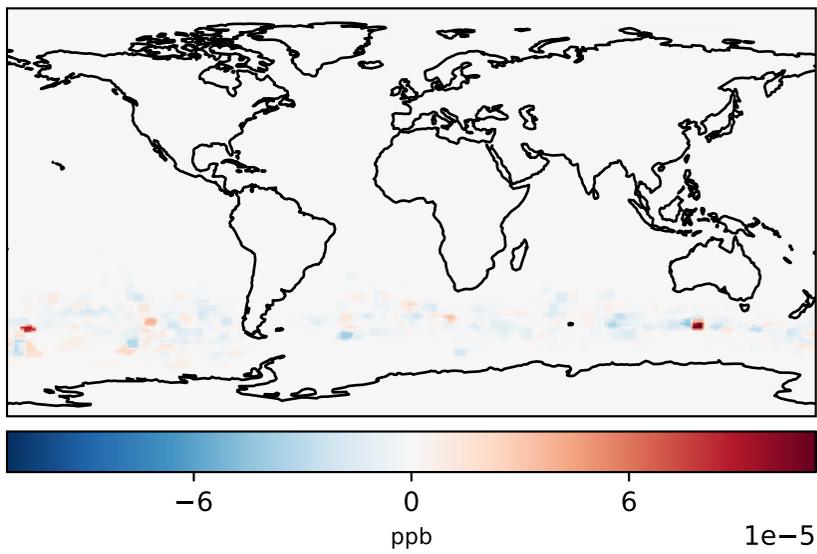# SpeciesConcVV_SALACL (Jul2019)

SpeciesConcVV_SALC (Jul2019)

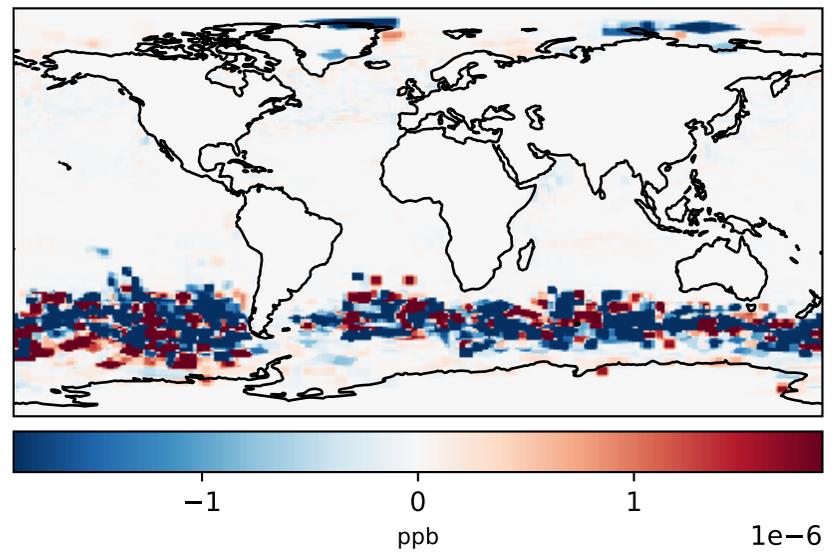gcc.14.7.0-rc.0_-_gcc.14.5.0-rc.0 (Ref)
4.0x5.0

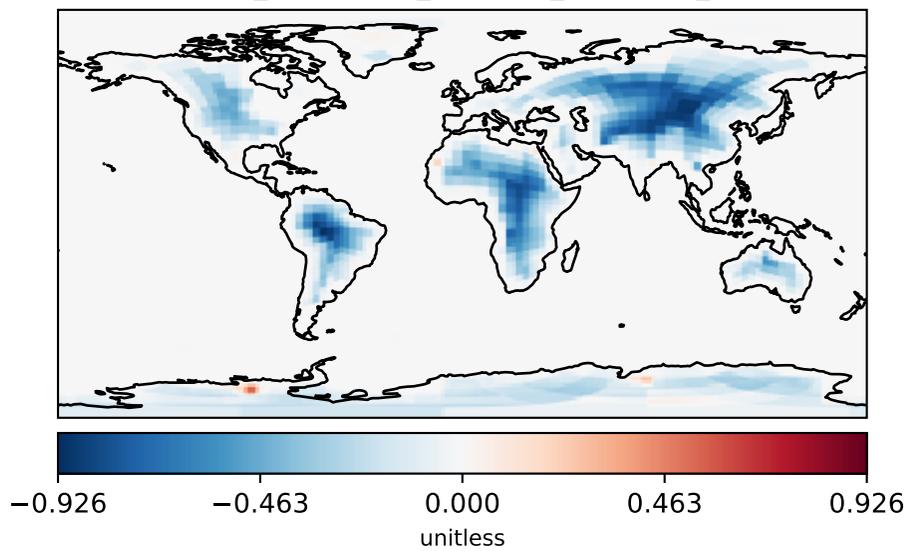gchp.14.7.0-rc.0_-_gchp.14.5.0-rc.0 (Dev)
c24

ppb
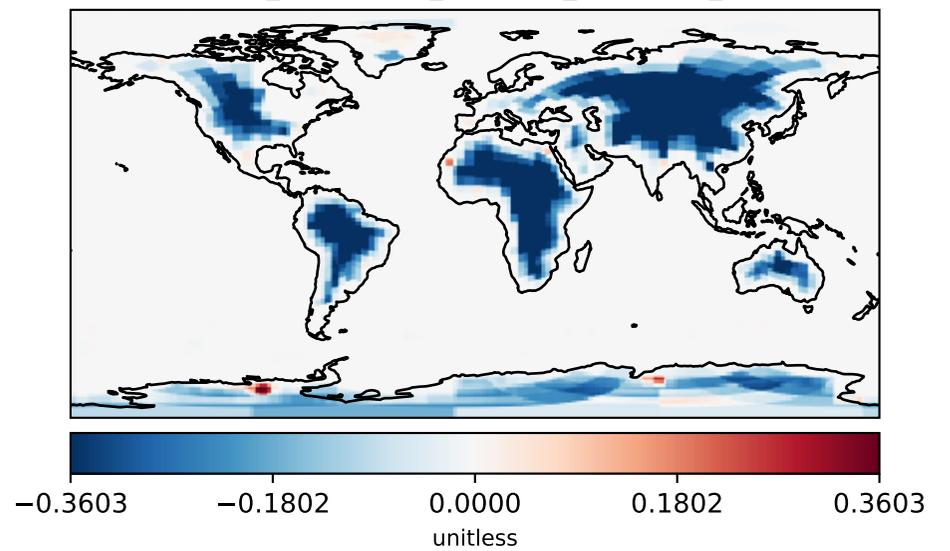
ppb

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

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

ppb

ppb

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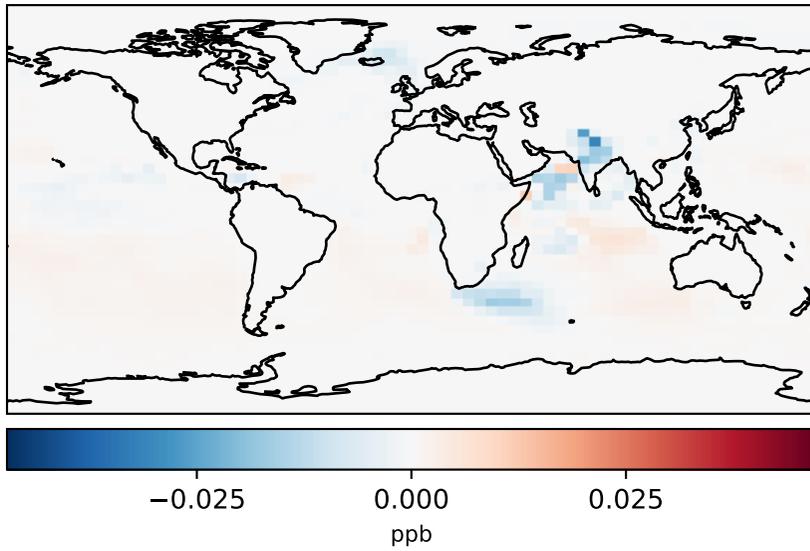GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

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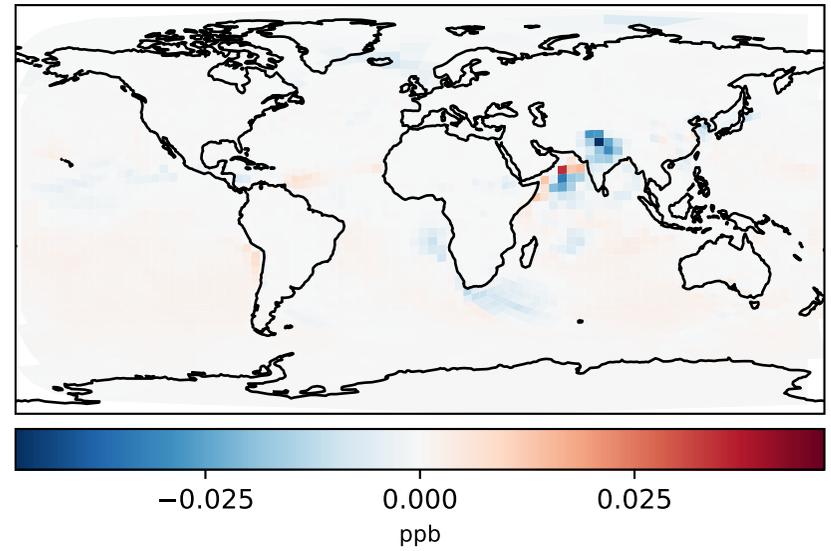GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

unitless

unitless

SpeciesConcVV_SALCAL (Jul2019)
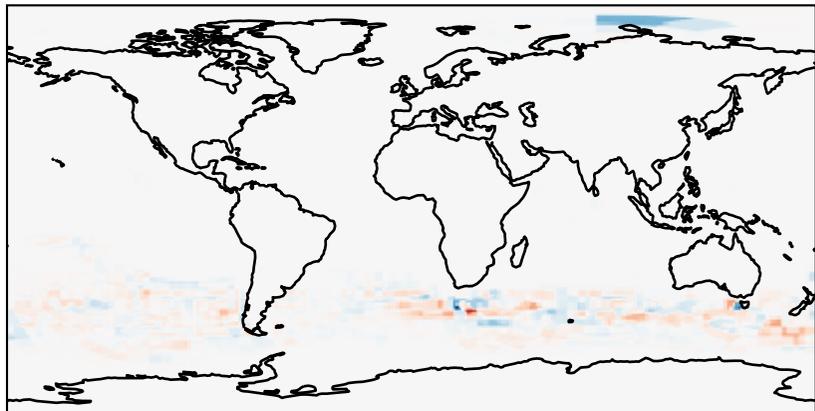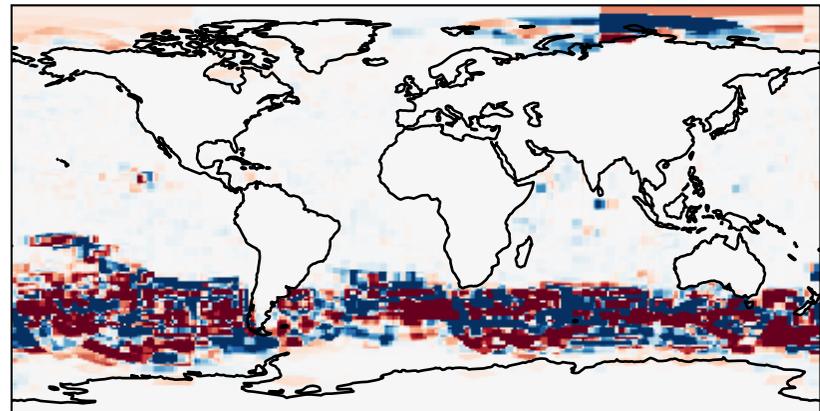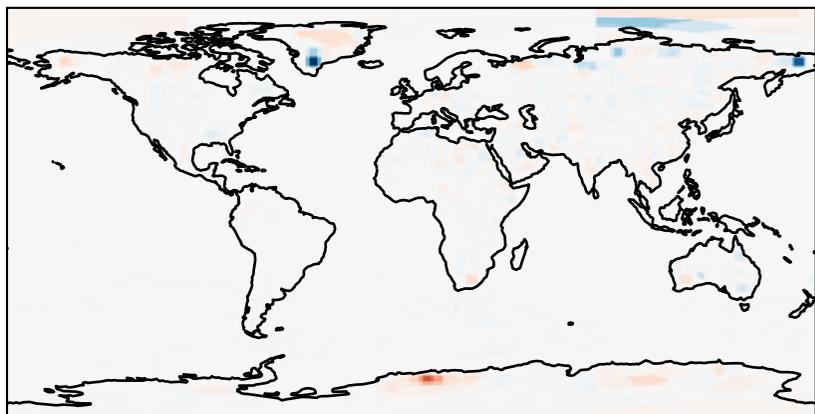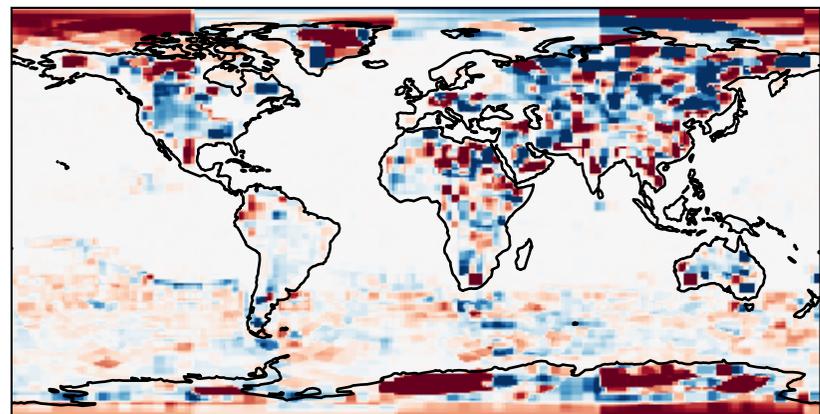
SpeciesConcVV_SALCCL (Jul2019)
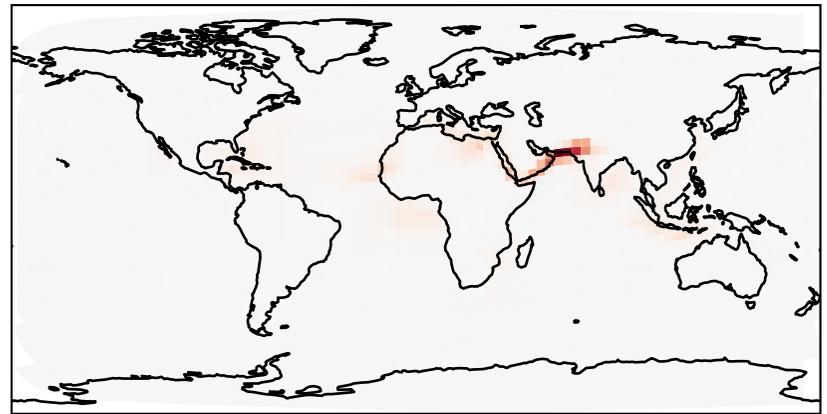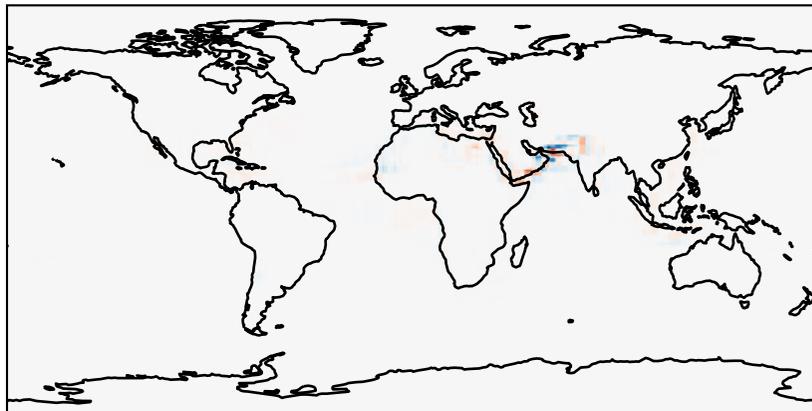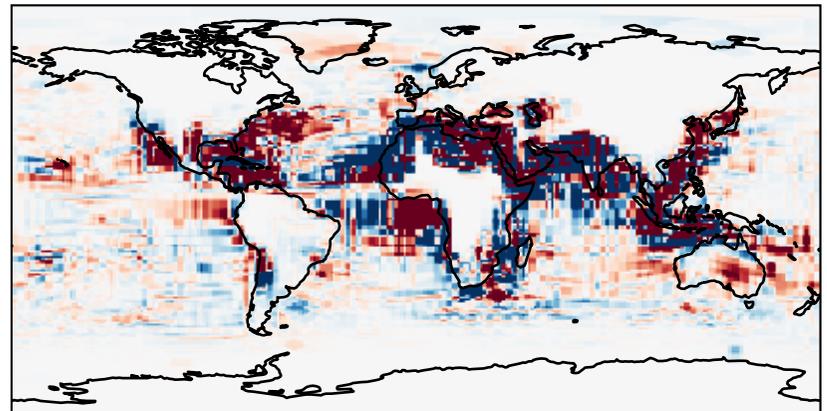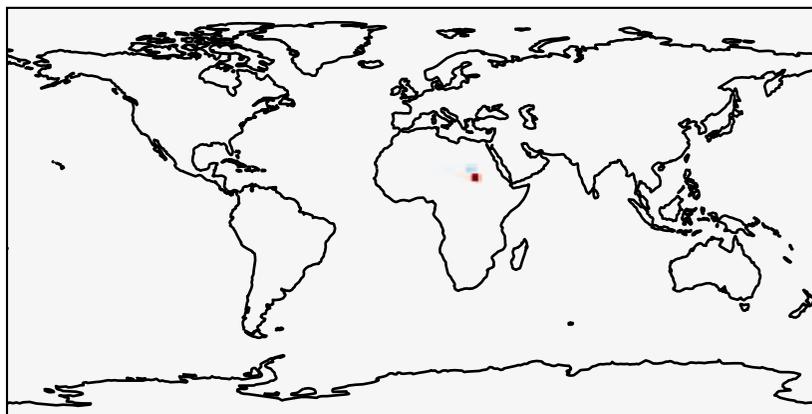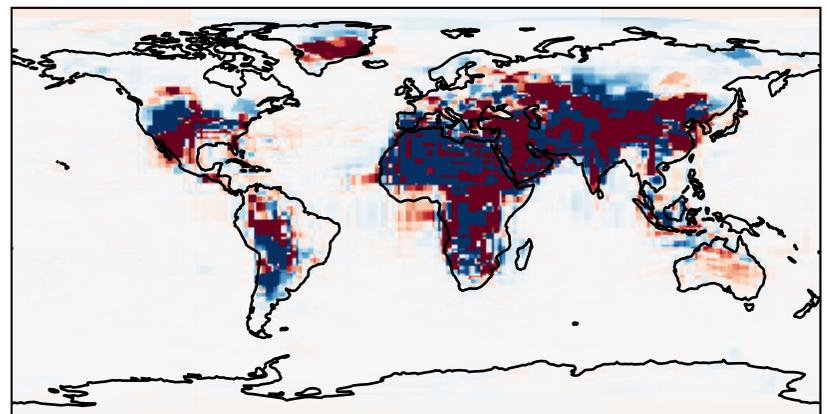
SpeciesConcVV_SO4s (Jul2019)
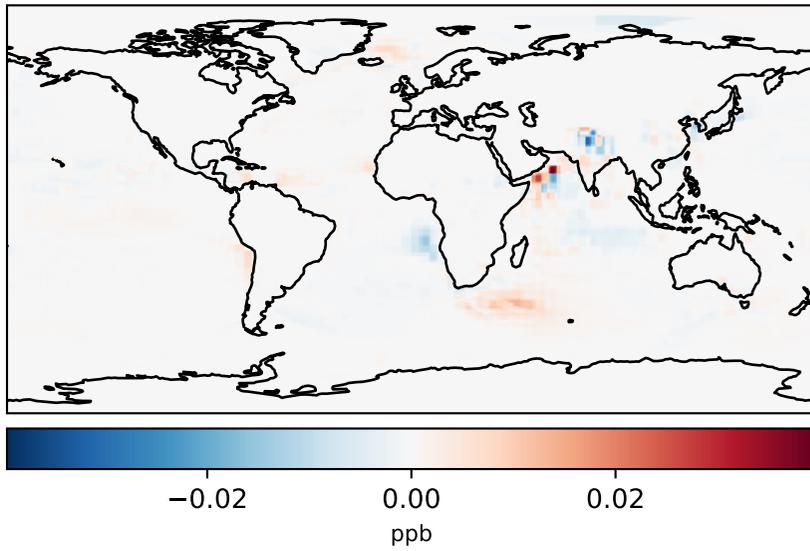
SpeciesConcVV_pFe (Jul2019)

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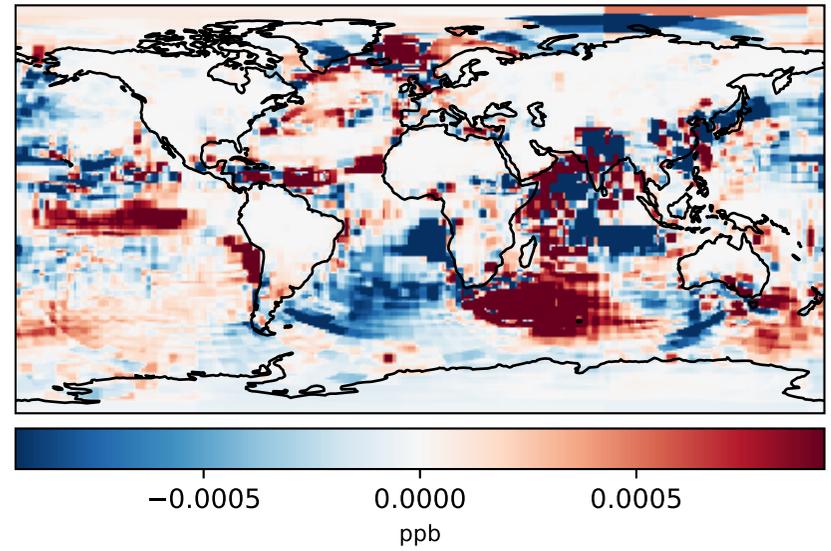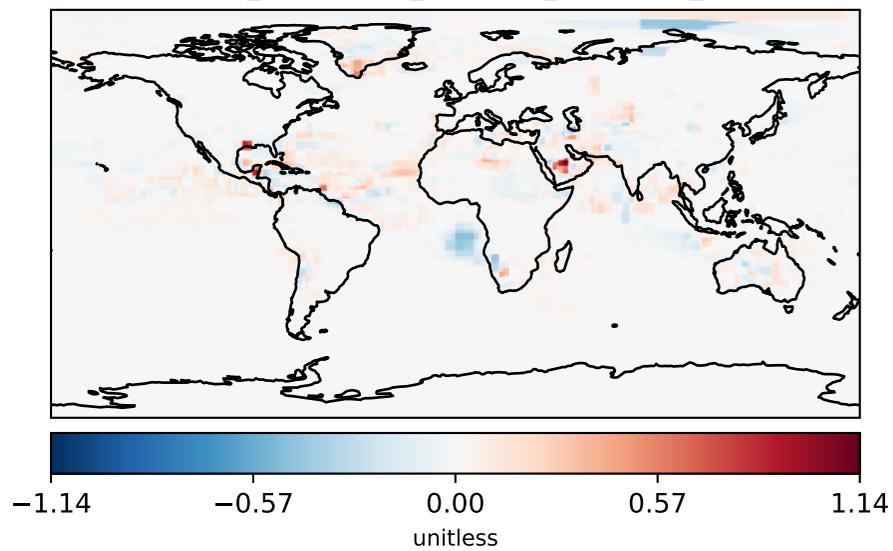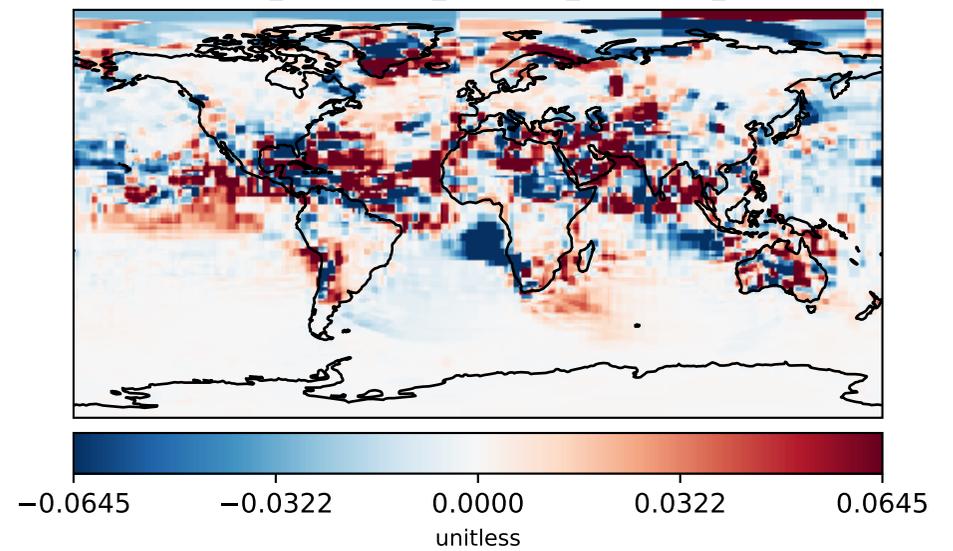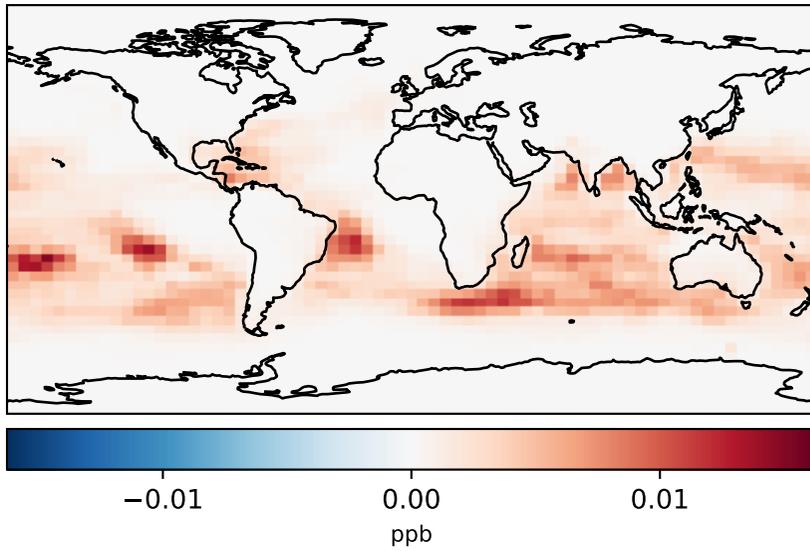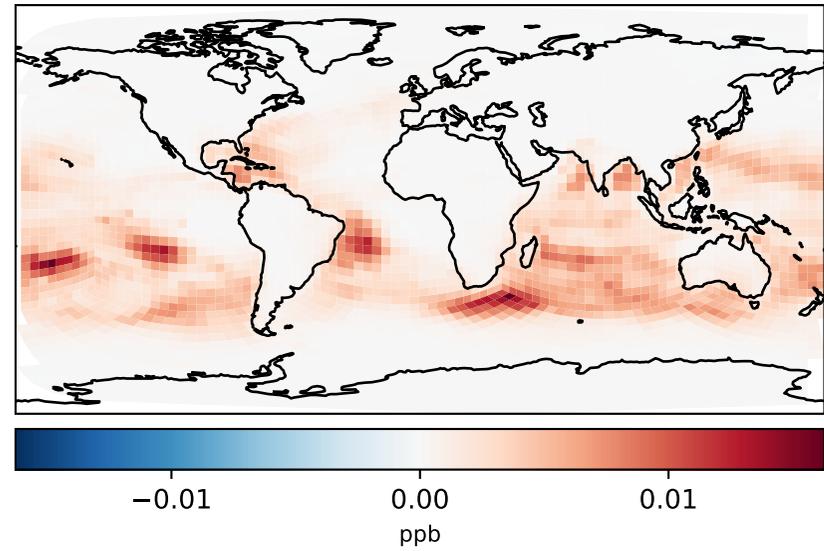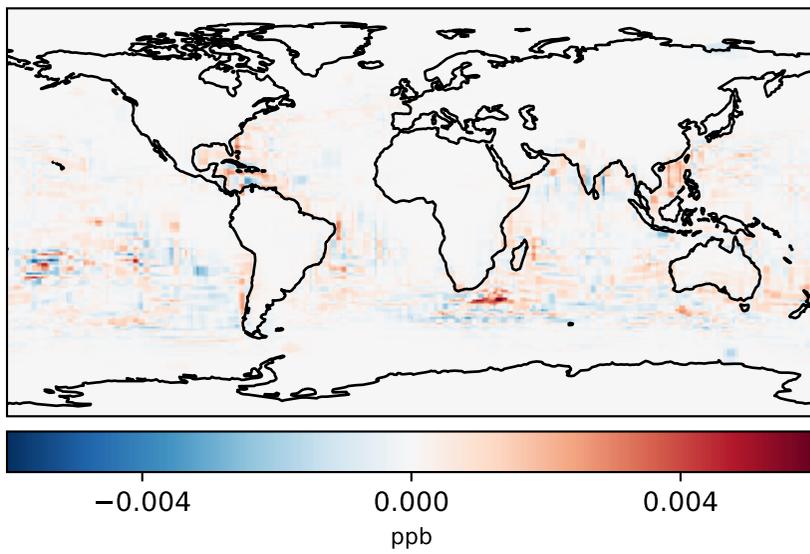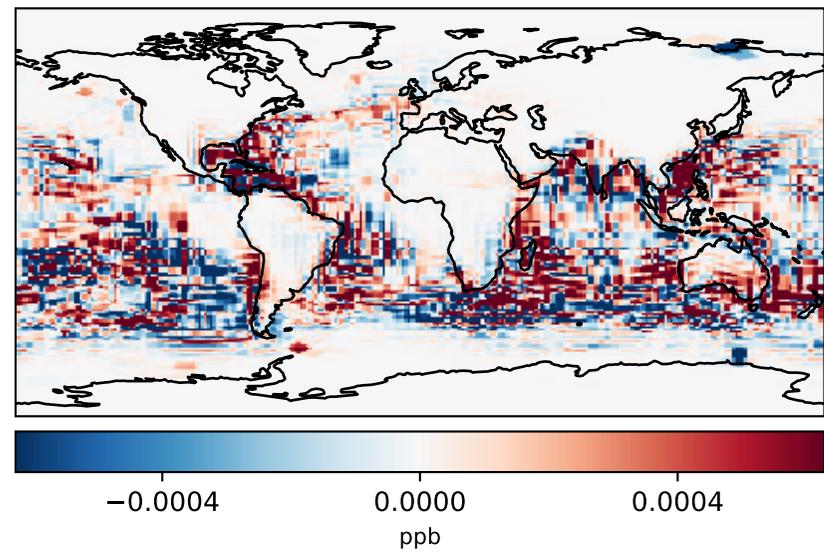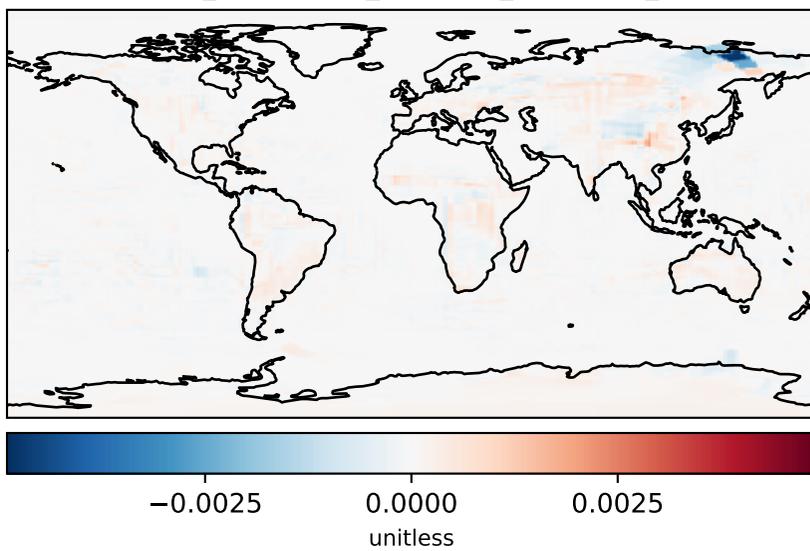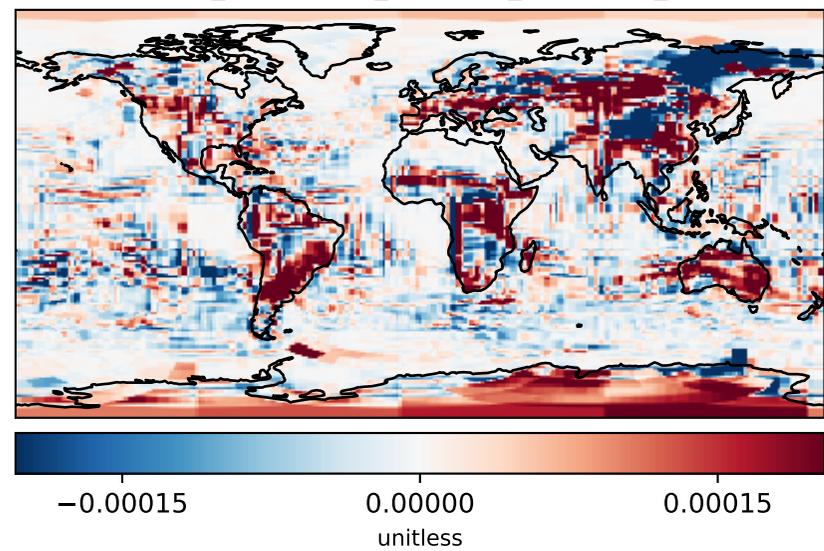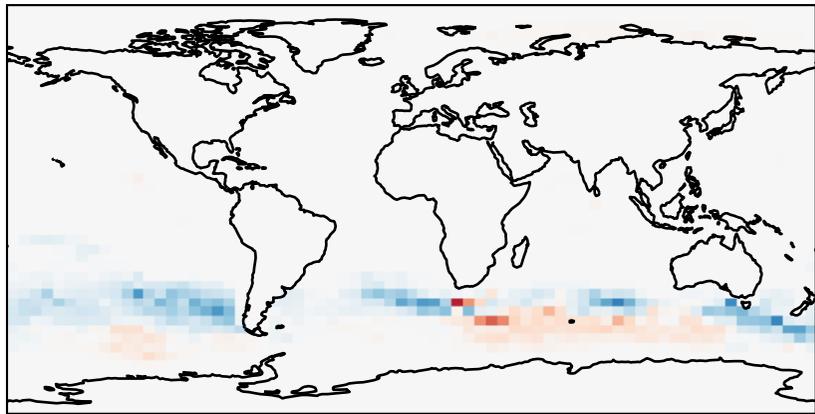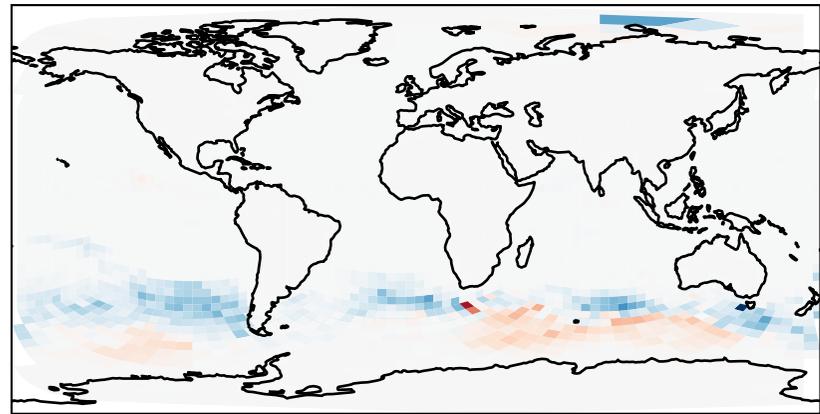4.0x5.0

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

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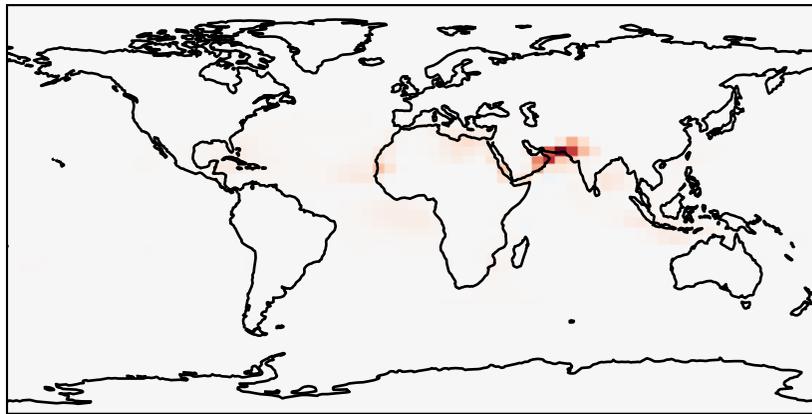
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]
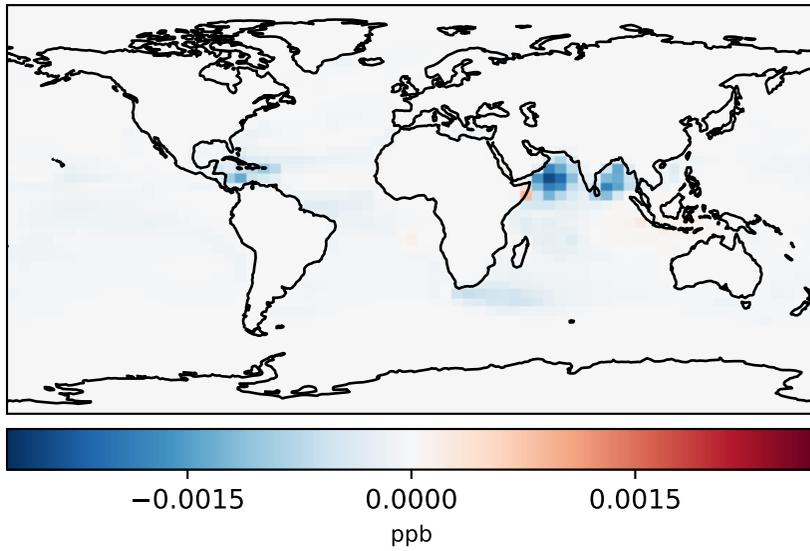
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

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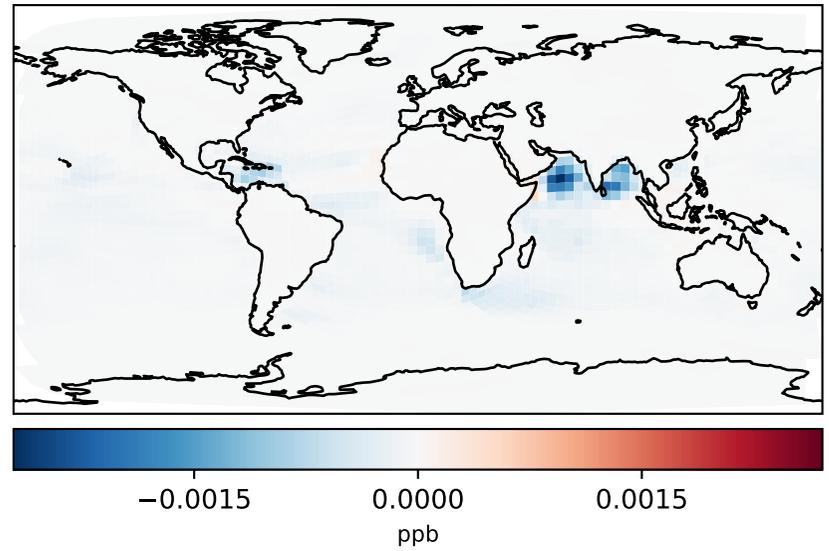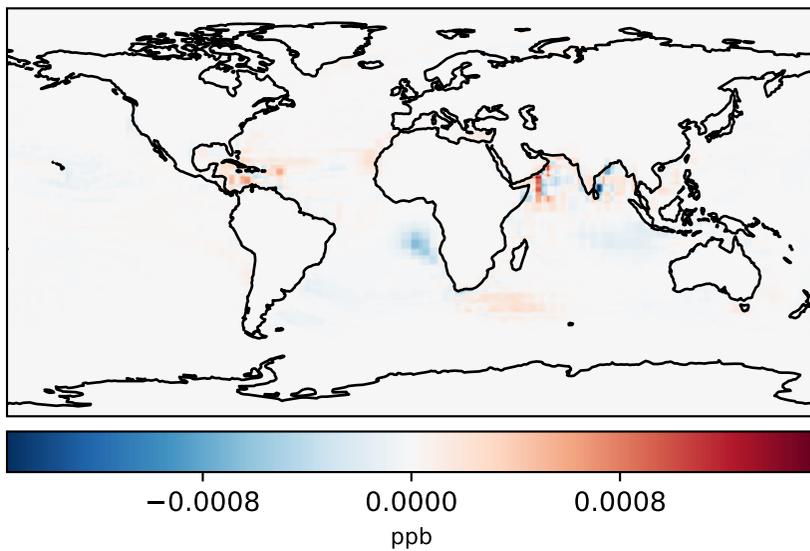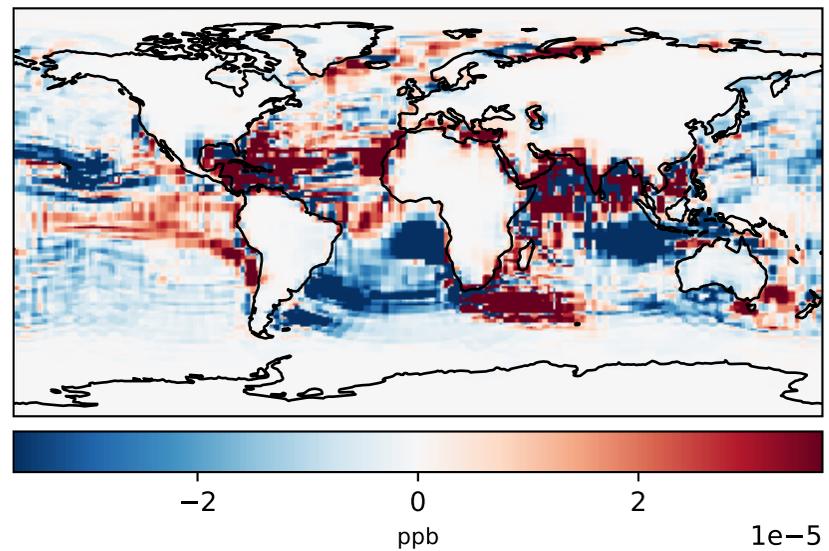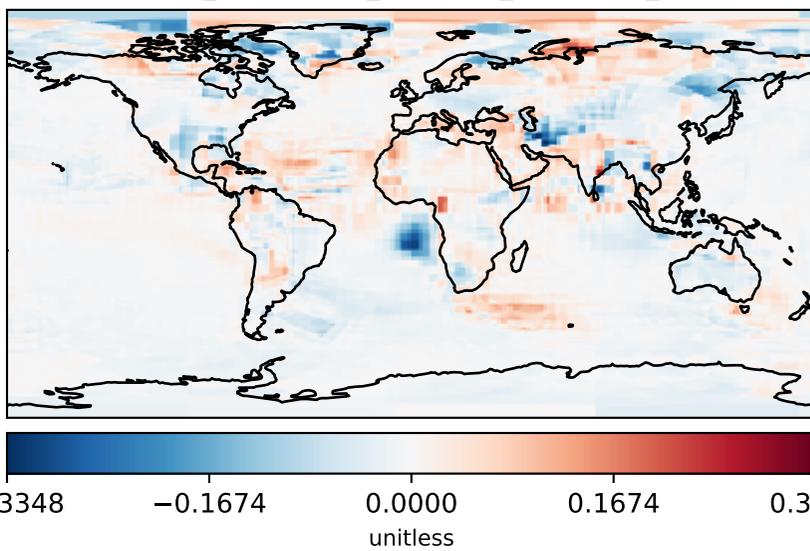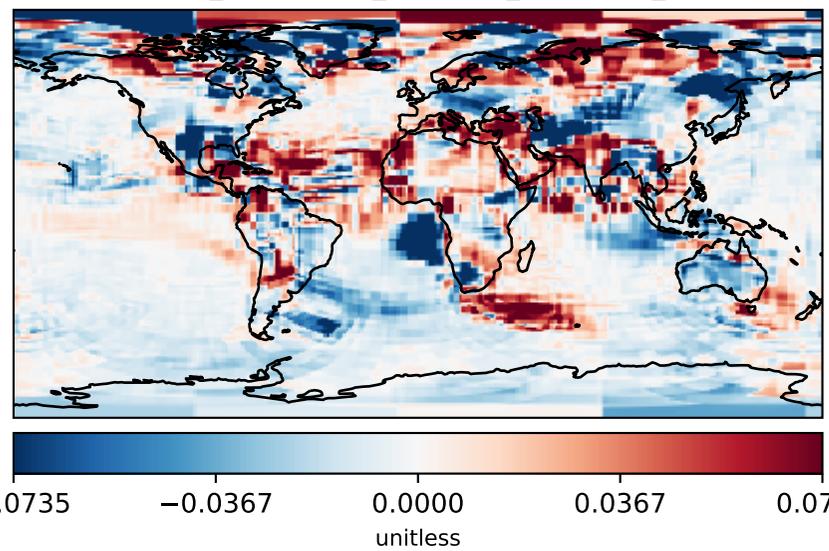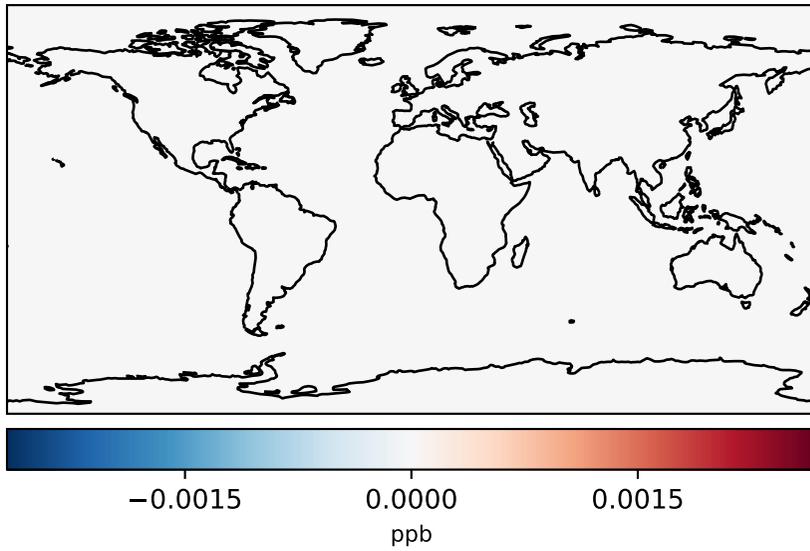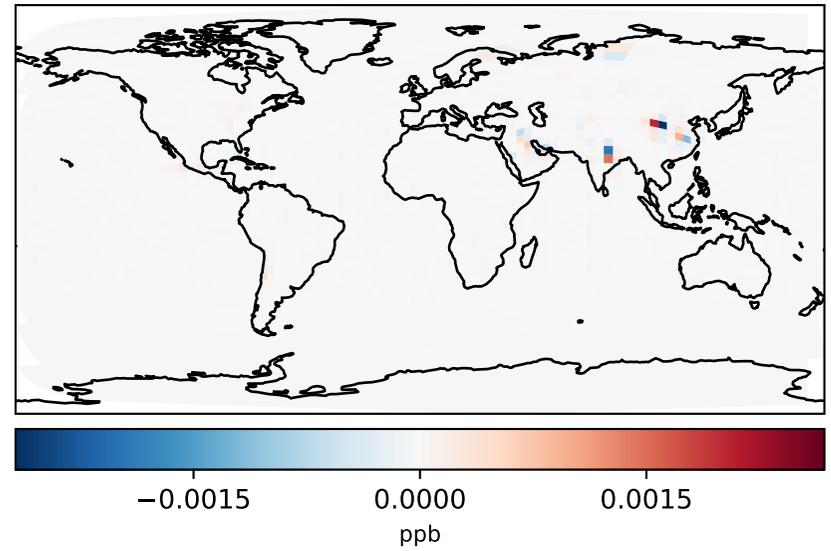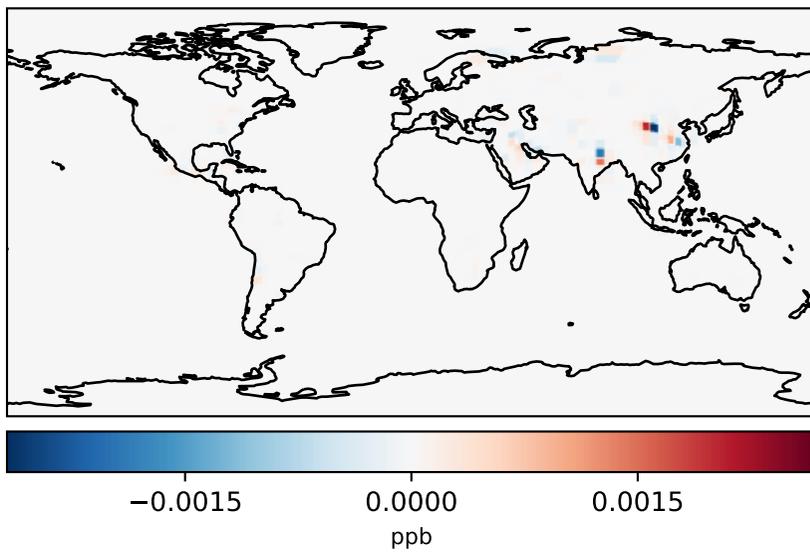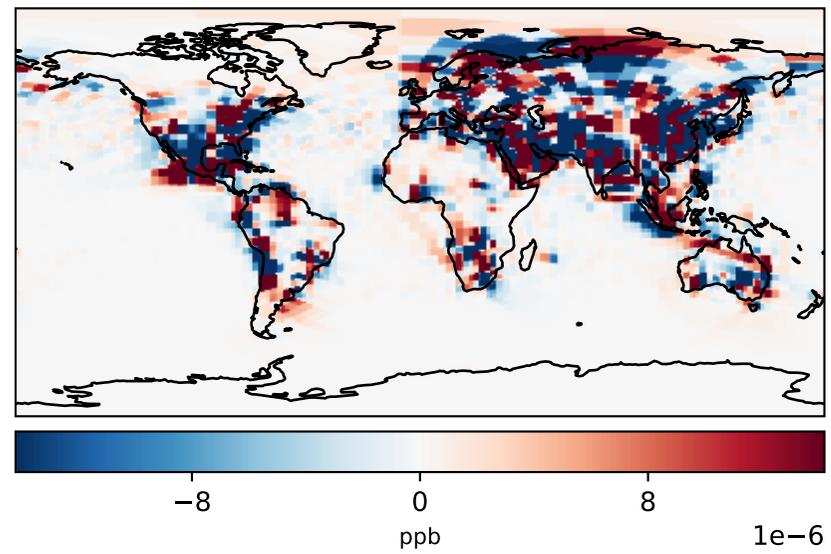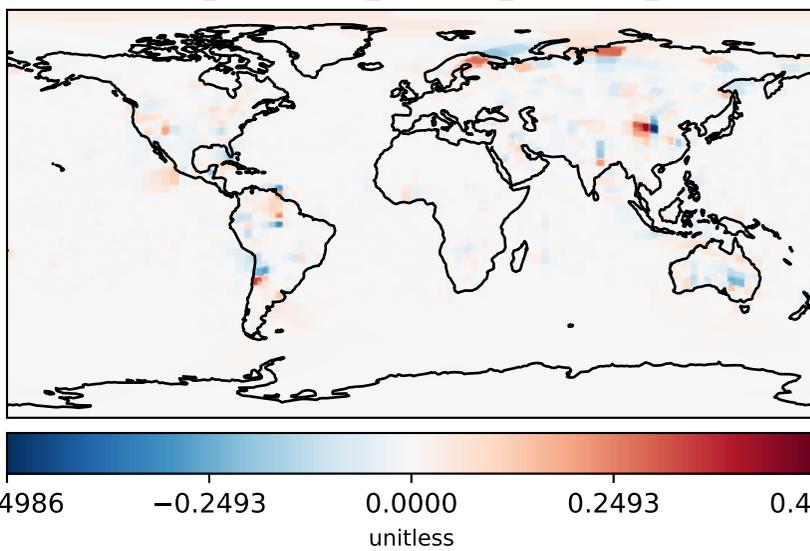GCHP_dev / GCHP_ref - GCC_dev / GCC_ref