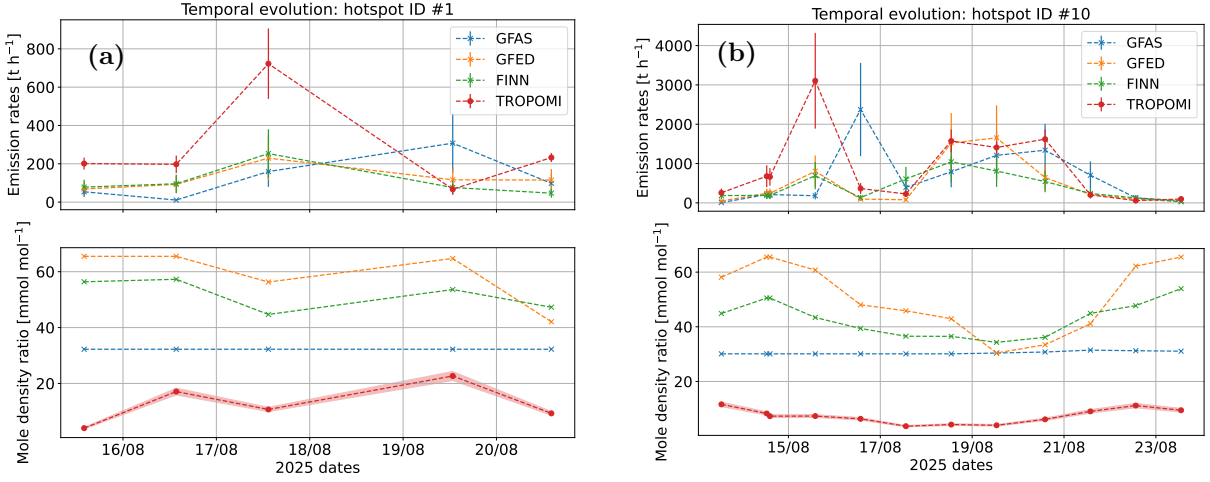

Temporal evolution: hotspot ID #1
(a)
GFAS
GFED
FINN
TROPOMI
Emission rates [t h$^{-1}$]
0
200
400
600
800
Mole density ratio [mmol mol$^{-1}$]
20
40
60
16/08
17/08
18/08
19/08
20/08
2025 dates
Temporal evolution: hotspot ID #10
(b)
GFAS
GFED
FINN
TROPOMI
Emission rates [t h$^{-1}$]
0
1000
2000
3000
4000
Mole density ratio [mmol mol$^{-1}$]
20
40
60
15/08
17/08
19/08
21/08
23/08
2025 dates