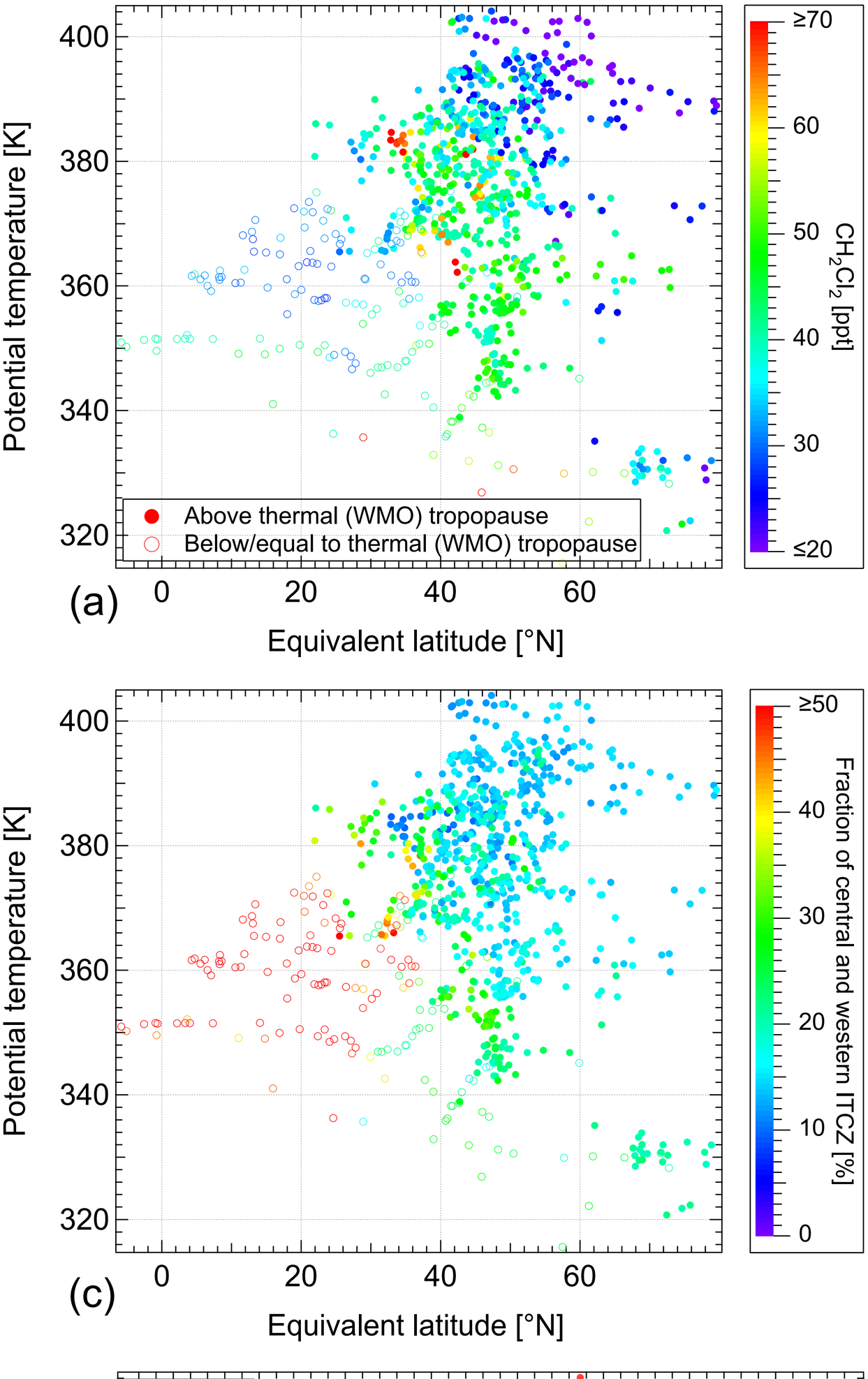
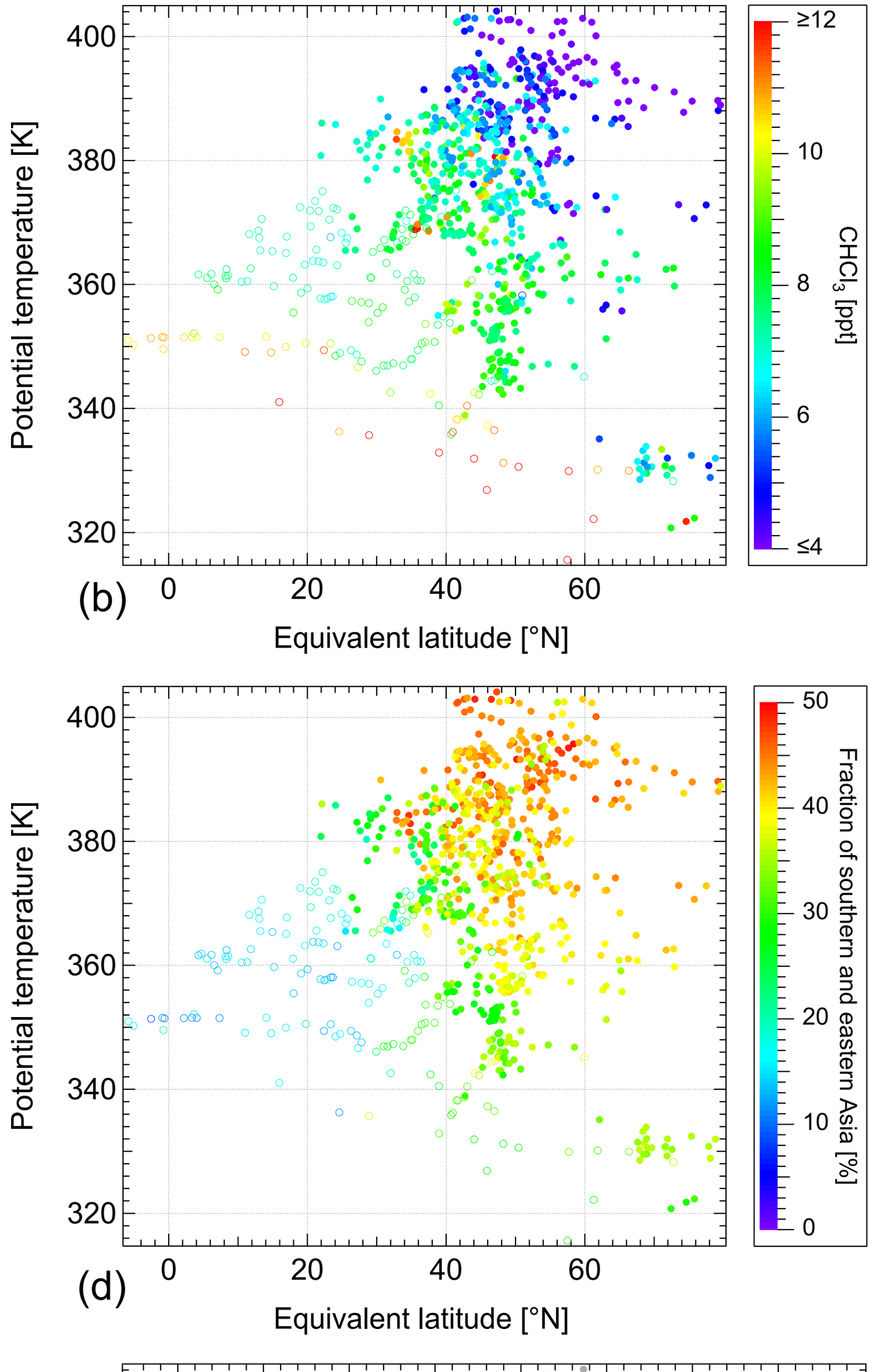
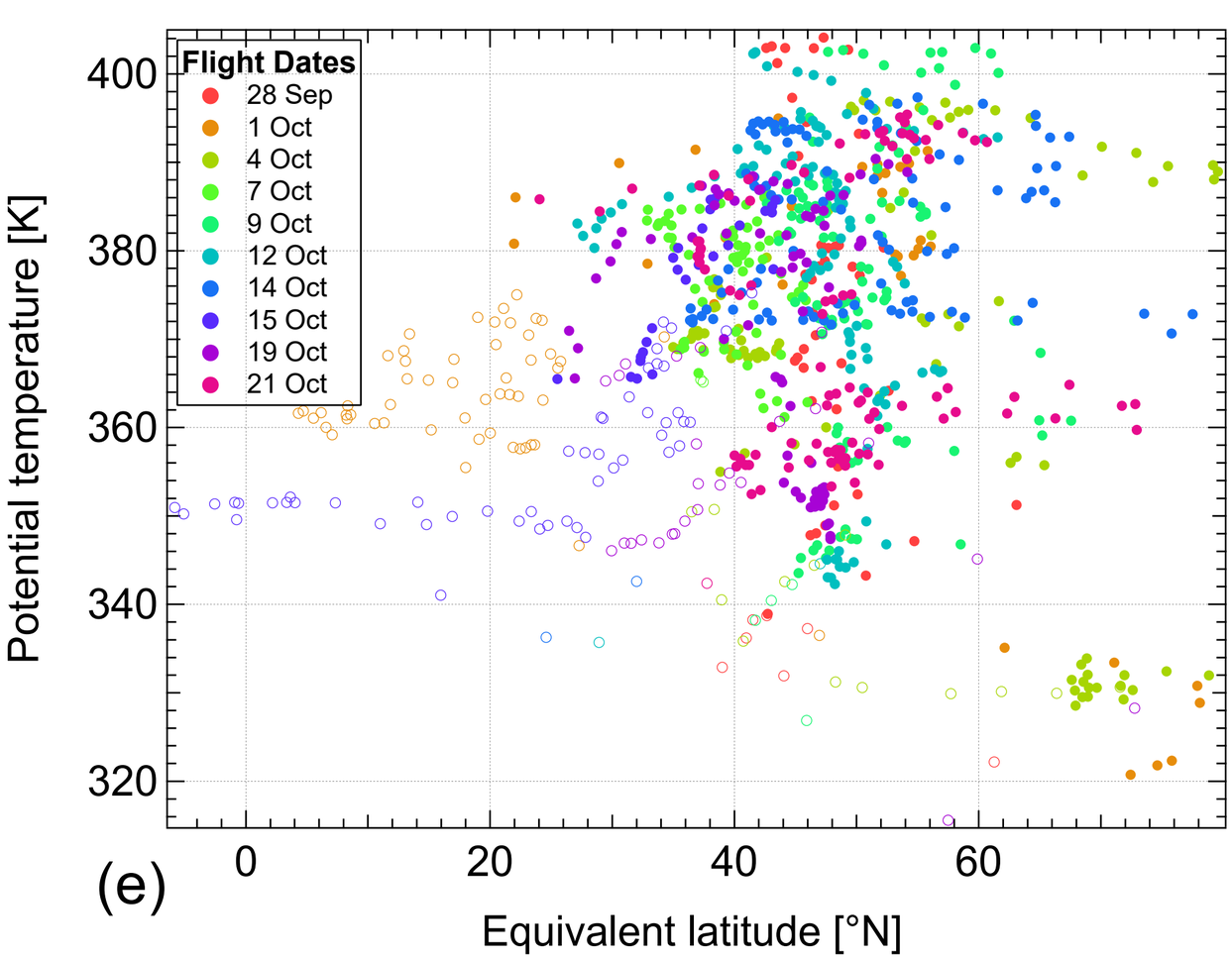
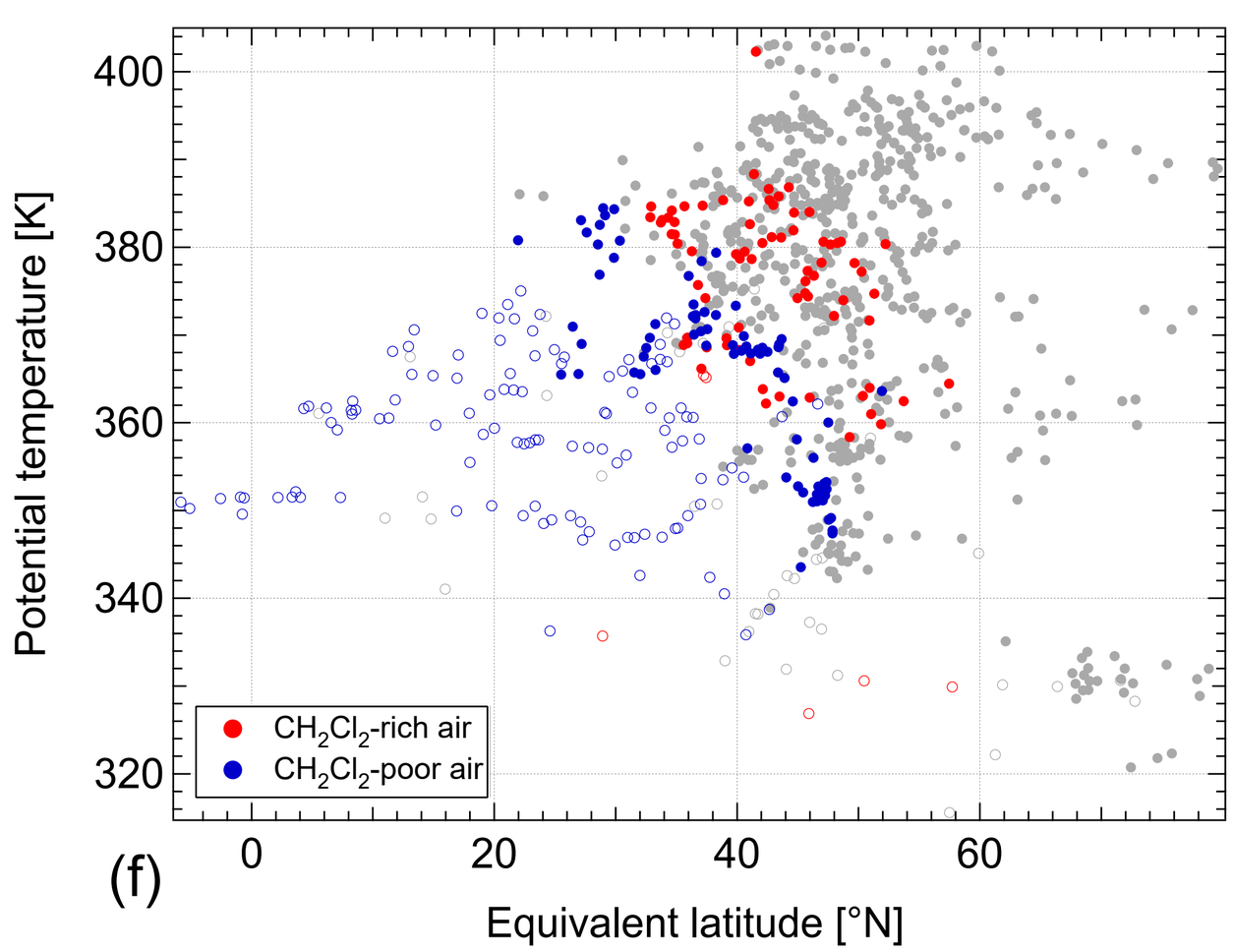

Potential temperature [K]
400
380
360
340
320
0
20
40
60
Equivalent latitude [°N]
Above thermal (WMO) tropopause
Below/equal to thermal (WMO) tropopause
≥70
60
50
40
30
≤20
CH_2Cl_2 [ppt]
(a)


Potential temperature [K]
400
380
360
340
320
0
20
40
60
Equivalent latitude [°N]
≥12
10
8
6
≤4
$CHCl_3$ [ppt]
(b)

Potential temperature [K]
400
380
360
340
320
0
20
40
60
Equivalent latitude [°N]
≥50
40
30
20
10
0
Fraction of central and western ITCZ [%]
(c)

Potential temperature [K]
400
380
360
340
320
0
20
40
60
Equivalent latitude [°N]
50
40
30
20
10
0
Fraction of southern and eastern Asia [%]
(d)


Potential temperature [K]
400
380
360
340
320
0
20
40
60
Equivalent latitude [°N]
Flight Dates
28 Sep
1 Oct
4 Oct
7 Oct
9 Oct
12 Oct
14 Oct
15 Oct
19 Oct
21 Oct
(e)


Potential temperature [K]
400
380
360
340
320
0
20
40
60
Equivalent latitude [°N]
CH_2Cl_2-rich air
CH_2Cl_2-poor air
(f)