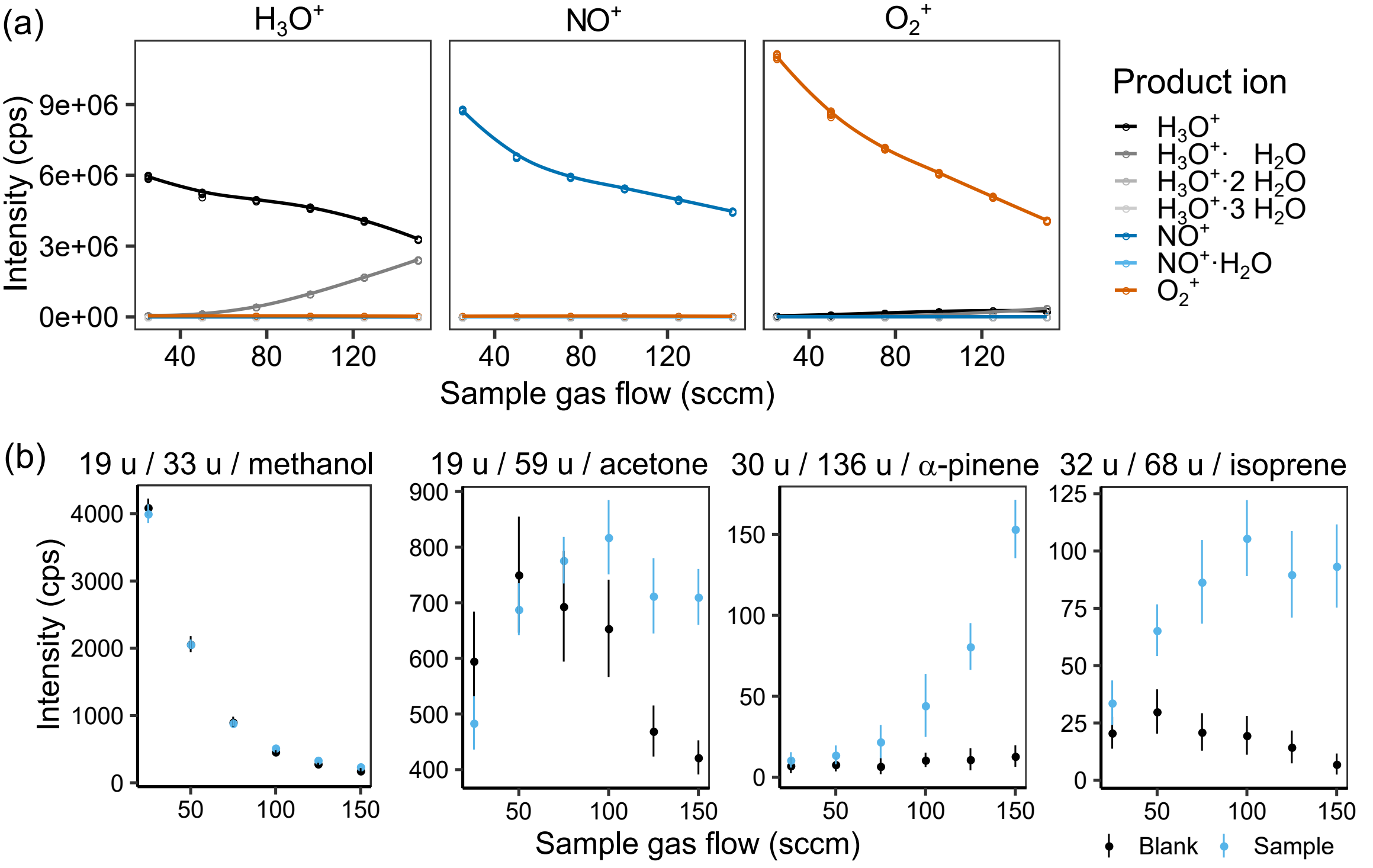
(a)
H_3O^+
NO^+
O_2^+
Intensity (cps)
9e+06
6e+06
3e+06
0e+00
40
80
120
Sample gas flow (sccm)
Product ion
H_3O^+
$H_3O^+ \cdot H_2O$
$H_3O^+ \cdot 2\ H_2O$
$H_3O^+ \cdot 3\ H_2O$
NO^+
$NO^+ \cdot H_2O$
O_2^+
(b)
19 u / 33 u / methanol
19 u / 59 u / acetone
30 u / 136 u / α-pinene
32 u / 68 u / isoprene
Intensity (cps)
4000
3000
2000
1000
0
900
800
700
600
500
400
150
100
50
0
125
100
75
50
25
0
50
100
150
Sample gas flow (sccm)
Blank
Sample