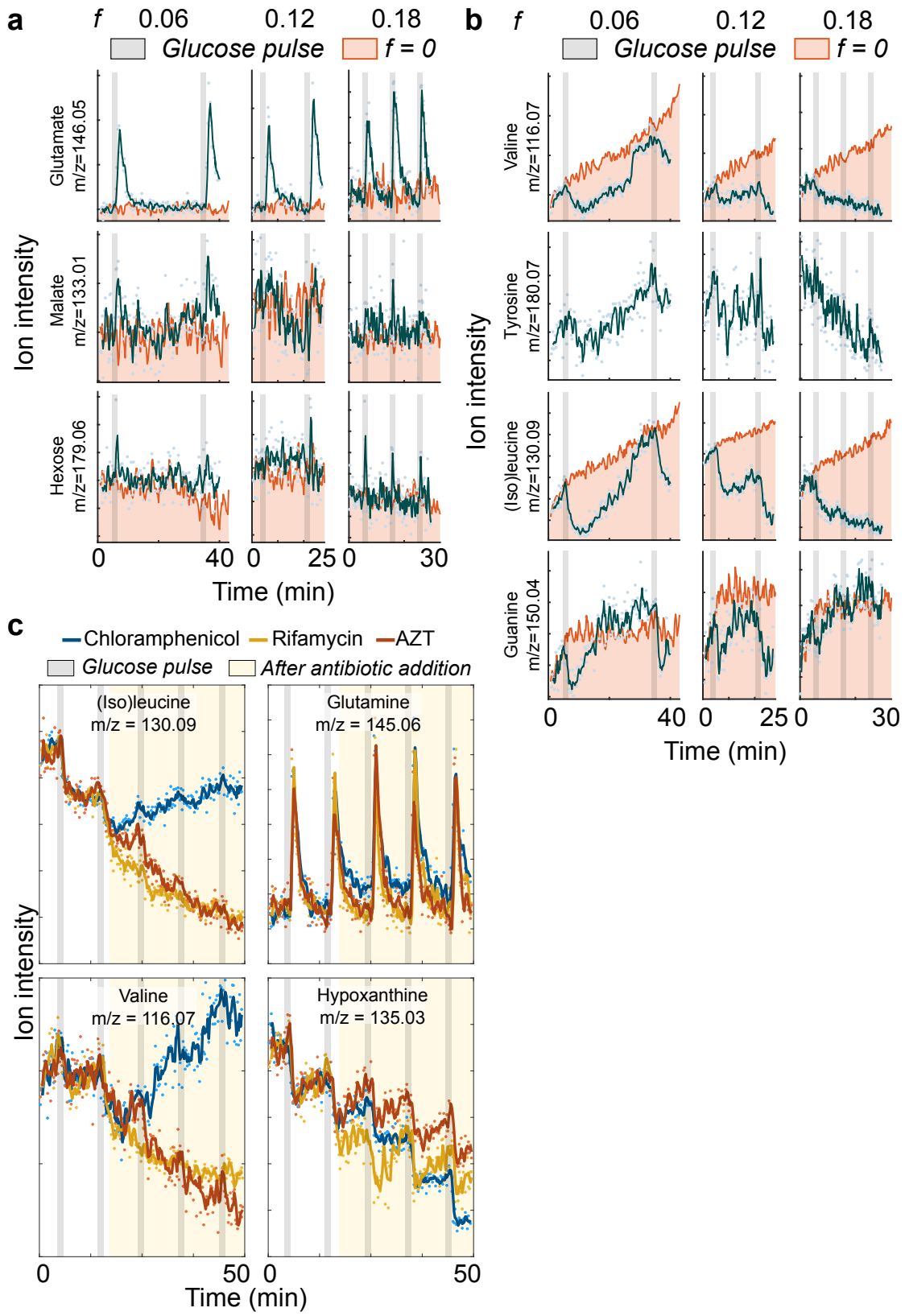
a
f
0.06
0.12
0.18
Glucose pulse
f = 0
Glutamate
m/z=146.05
Malate
m/z=133.01
Hexose
m/z=179.06
Ion intensity
0
40
0
25
0
30
Time (min)
b
f
0.06
0.12
0.18
Glucose pulse
f = 0
Valine
m/z=116.07
Tyrosine
m/z=180.07
(Iso)leucine
m/z=130.09
Guanine
m/z=150.04
Ion intensity
0
40
0
25
0
30
Time (min)
c
Chloramphenicol
Rifamycin
AZT
Glucose pulse
After antibiotic addition
(Iso)leucine
m/z = 130.09
Glutamine
m/z = 145.06
Valine
m/z = 116.07
Hypoxanthine
m/z = 135.03
Ion intensity
0
50
0
50
Time (min)