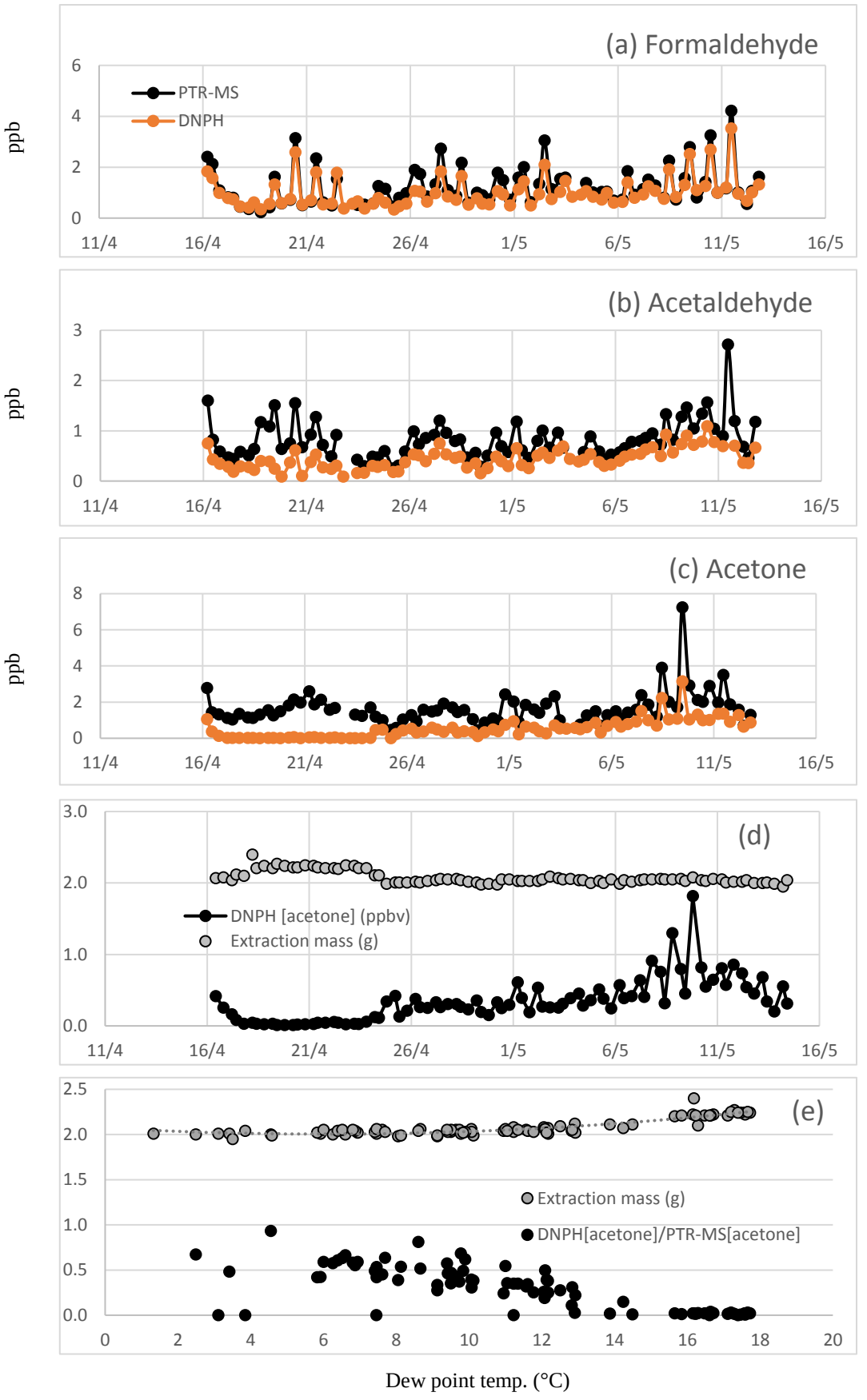
(a) Formaldehyde
PTR-MS
DNPH
ppb
6
4
2
0
11/4
16/4
21/4
26/4
1/5
6/5
11/5
16/5
(b) Acetaldehyde
ppb
3
2
1
0
(c) Acetone
ppb
8
6
4
2
0
(d)
DNPH [acetone] (ppbv)
Extraction mass (g)
3.0
2.0
1.0
0.0
(e)
Extraction mass (g)
DNPH[acetone]/PTR-MS[acetone]
2.5
2.0
1.5
1.0
0.5
0.0
0
2
4
6
8
10
12
14
16
18
20
Dew point temp. (°C)