

Glyphosate in Bottled Drinking Water at 100 ppt on Raptor Polar X by Large Volume Injection Using LC-MS/MS

- S:N > 50 at 100 ppt of glyphosate in bottled drinking water using large volume (500 µL) injection.

Peaks	tr (min)	Conc. (ng/L)	Precursor Ion	Product Ion 1	Product Ion 2
1. Glyphosate	6.13	100	168.10	62.95	78.95

Column Raptor Polar X (cat.# 9311A32)
Dimensions: 30 mm x 2.1 mm ID
Particle Size: 2.7 µm
Pore Size: 90 Å
Temp.: 30 °C
Sample Glyphosate (cat.# 32426)
Diluent: Direct injection of bottled drinking water fortified at 100 ppt with glyphosate.
Inj. Vol.: 500 µL
Mobile Phase
A: Water, 0.5% formic acid
B: Acetonitrile, 0.5% formic acid

Time (min)	Flow (mL/min)	%A	%B
0.00	0.5	5	95
1.0	0.5	5	95
3.0	0.5	90	10
9.0	0.5	90	10
9.01	0.5	5	95
10.5	0.5	5	95

Detector MS/MS
Ion Mode: ESI-
Instrument UHPLC

