



Table S3. Precursor ion, product ion, Capillary Voltage (CV) and Collision Energy (CE) for the chlorates and perchlorates analytes examined with LC/MS/MS for the determination of their residues in tomato fruits and nutrient solution samples of an open soilless system cultivation.

Analyte	Precursor ion	Product ion	CV (V)	CE (eV)
Chlorates	83	67	72	20
Chlorates	85	69	88	20
Chlorates $^{13}\text{O}_3$	89	71	40	11
Perchlorates	99	83	73	23.5
Perchlorates	101	85	56	24.5
Perchlorates $^{18}\text{O}_4$	107	89	21	24