

Supplementary Material

Development of an analytical method for the simultaneous determination of the 17

EU watch list compounds in surface waters: a Spanish case study

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^BEmpresa de Abastecimiento y Saneamiento de Aguas de Sevilla (EMASESA), E-41011 Seville, Spain

*Corresponding author:

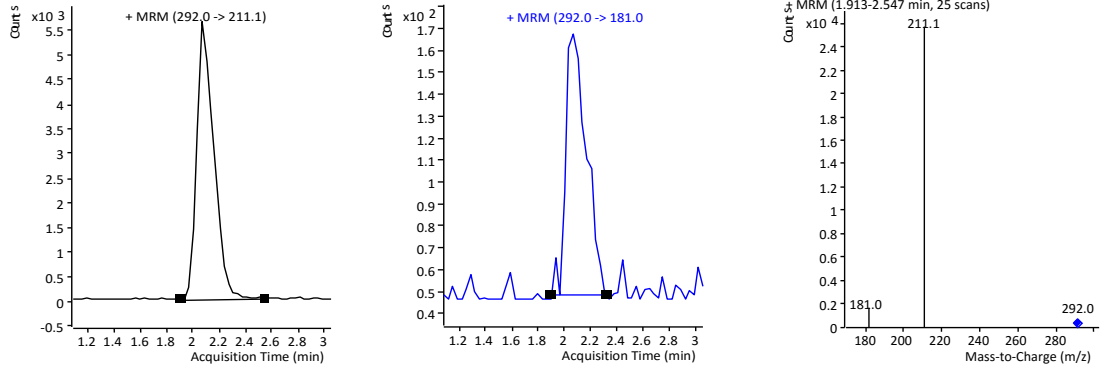
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E-mail: jlsantos@us.es

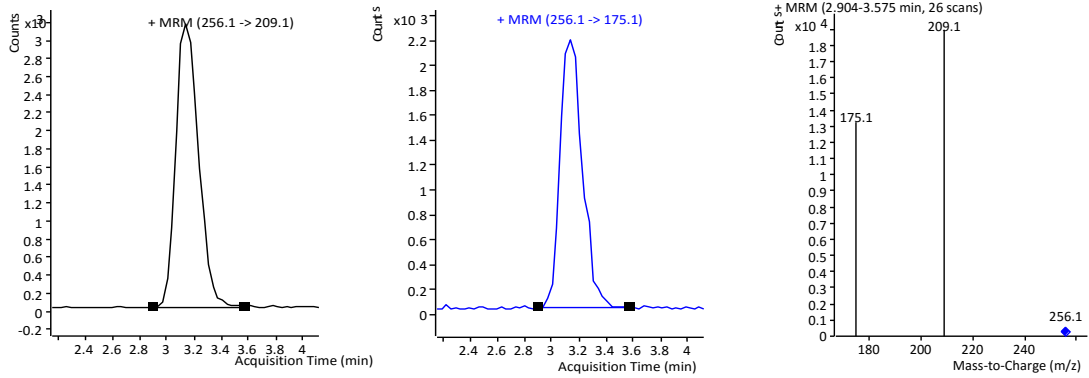
Figure S1.

MRM1 and MRM2 chromatograms corresponding to the lowest concentration matrix-matched standard solution and mass spectra of the target compounds.

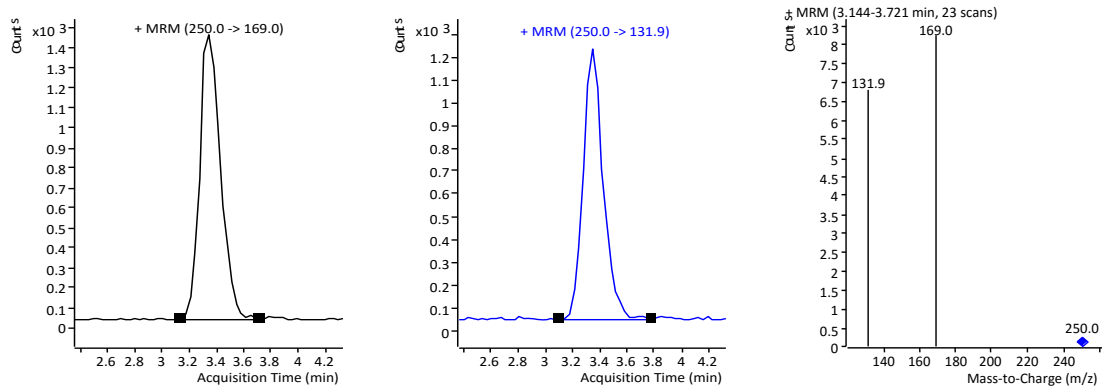
Thiamethoxam (1.81 ng/L)



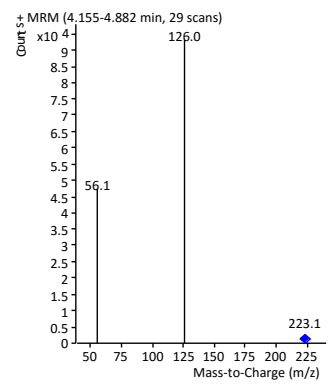
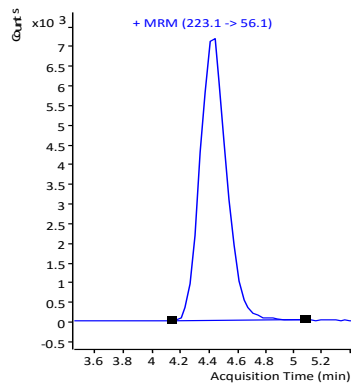
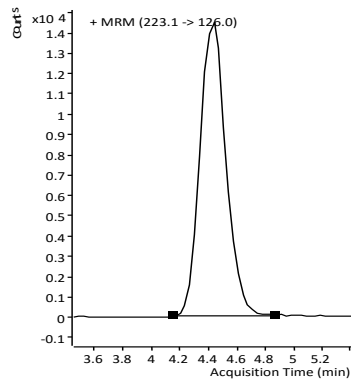
Imidacloprid (12.8 ng/L)



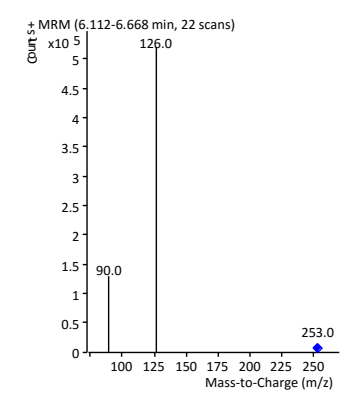
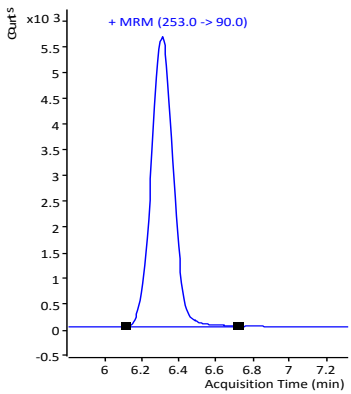
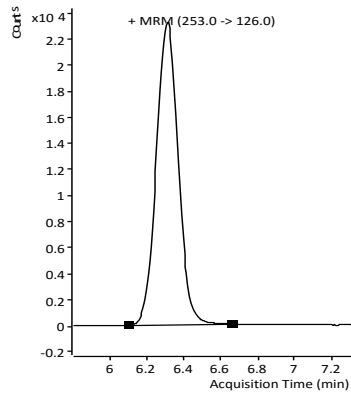
Clothianidin (1.49 ng/L)



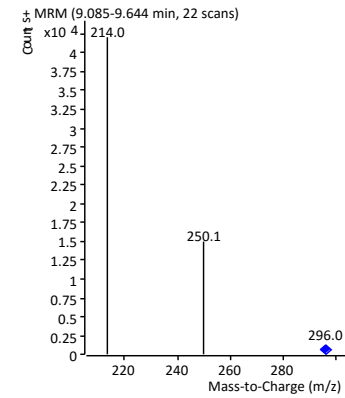
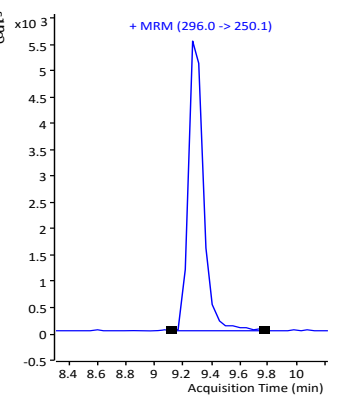
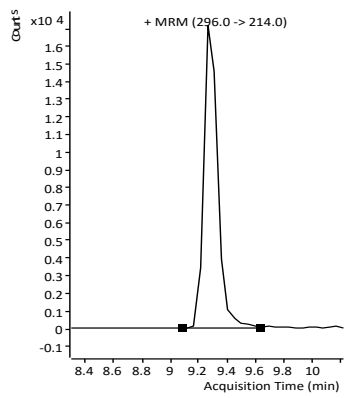
Acetamiprid (1.50 ng/L)



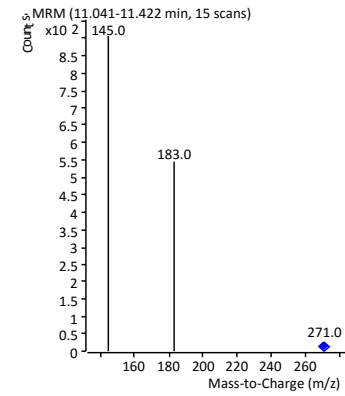
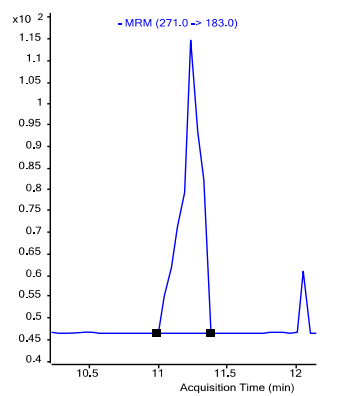
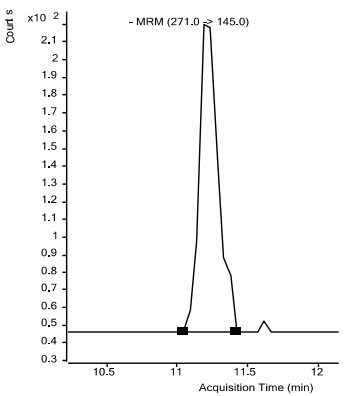
Thiacloprid (0.30 ng/L)



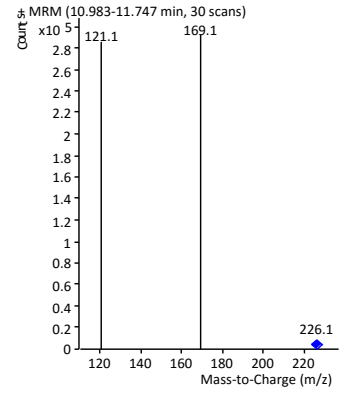
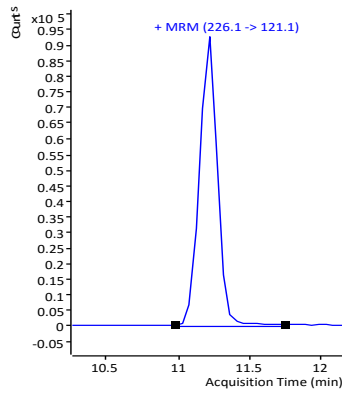
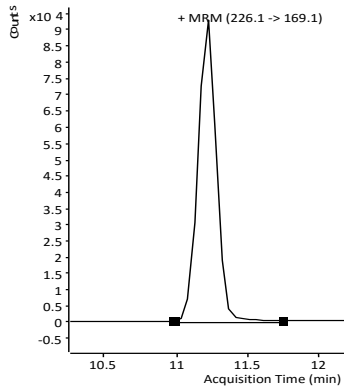
Diclofenac (1.49 ng/L)



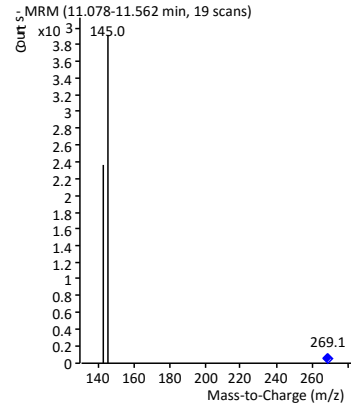
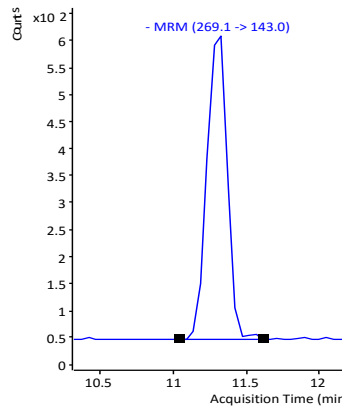
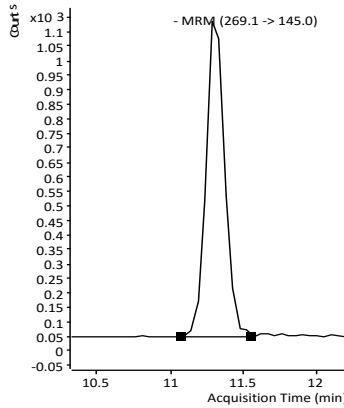
17β-estradiol (17.9 ng/L)



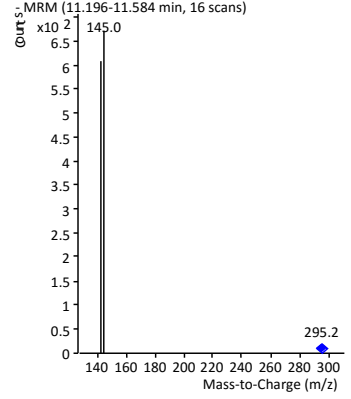
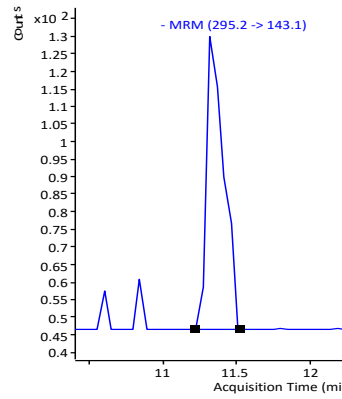
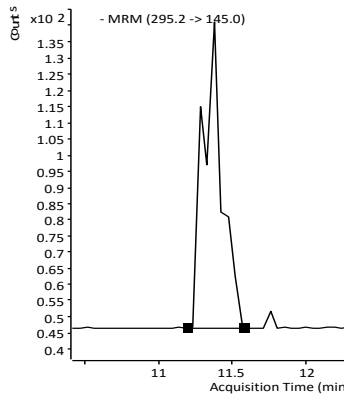
Methiocarb (0.38 ng/L)



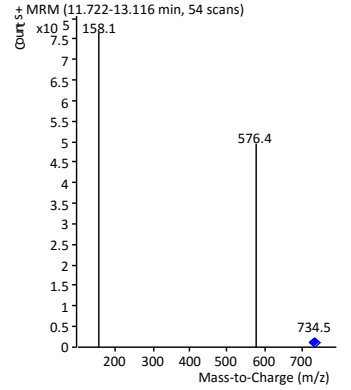
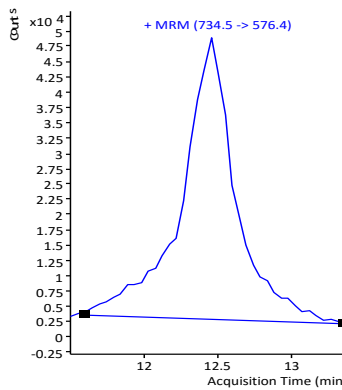
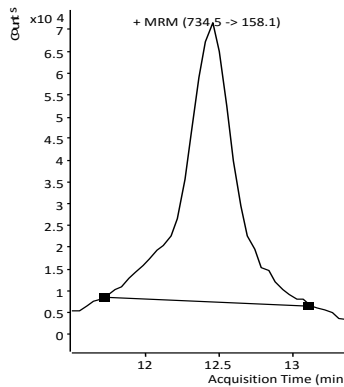
Estrone (3.85 ng/L)



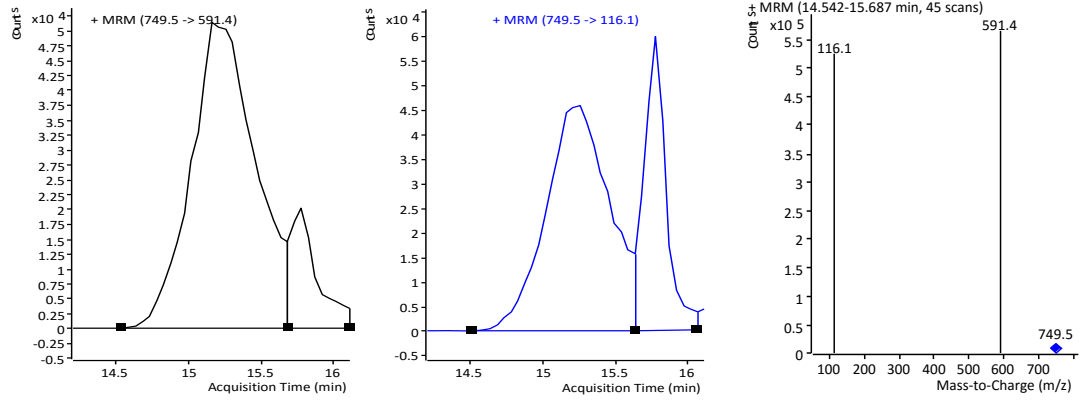
17 α -ethinylestradiol (18.9 ng/L)



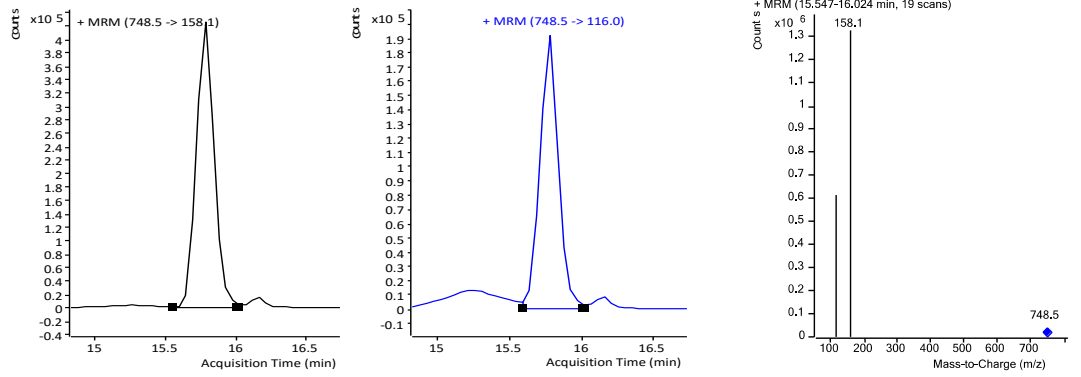
Erythromycin (0.32 ng/L)



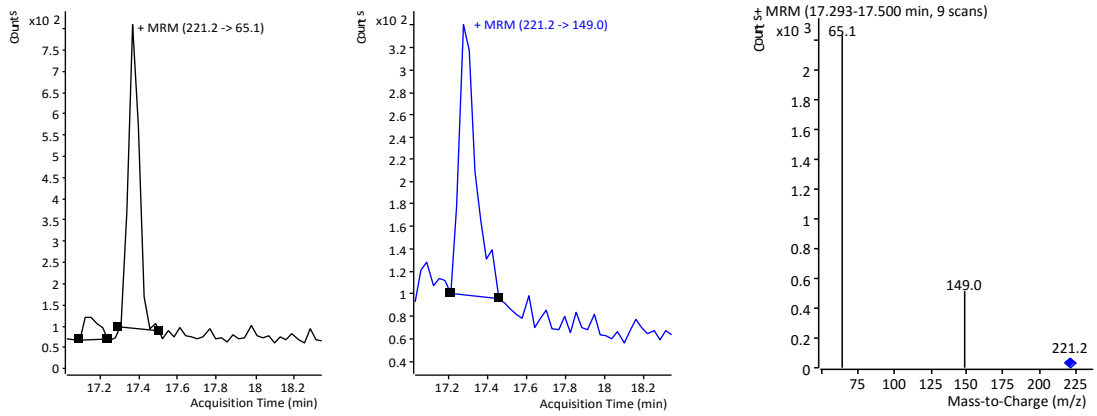
Azithromycin (0.14 ng/L)



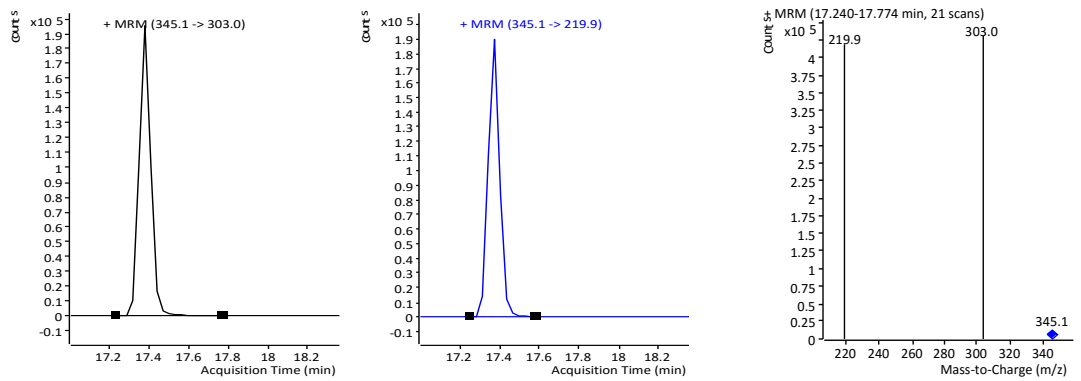
Clarithromycin (0.43 ng/L)



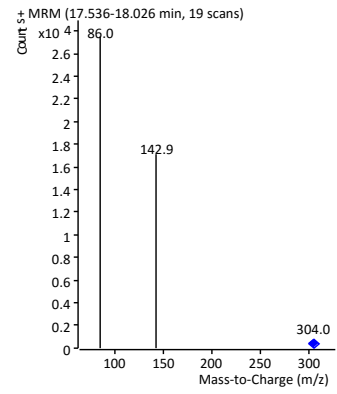
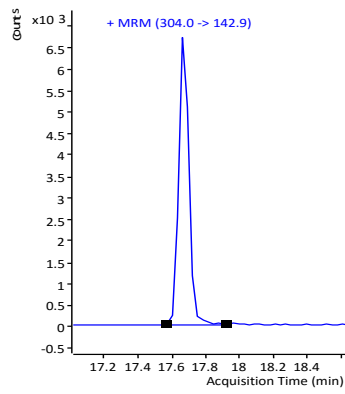
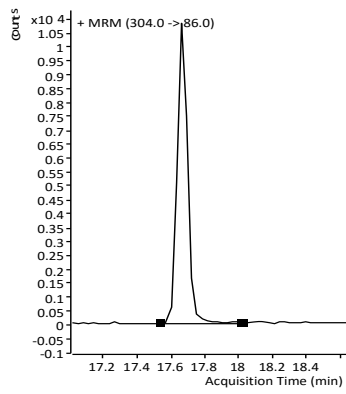
BHT (32.7 ng/L)



Oxadiazon (0.31 ng/L)



Triallate (1.33 ng/L)



Methoxycinnamate (1.60 ng/L)

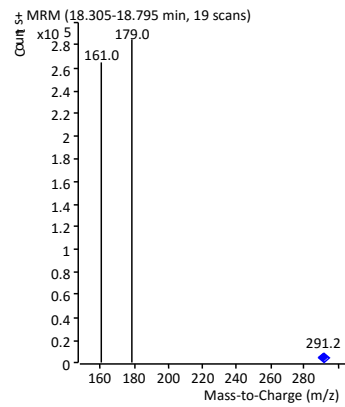
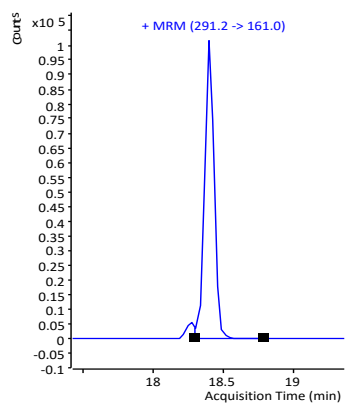
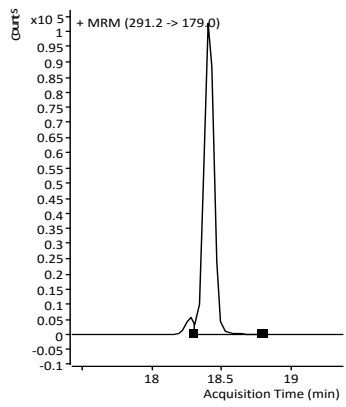
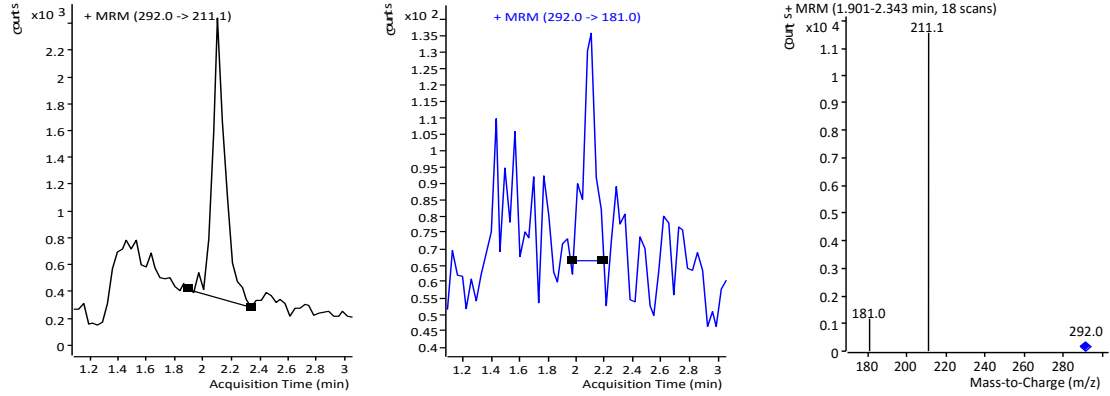


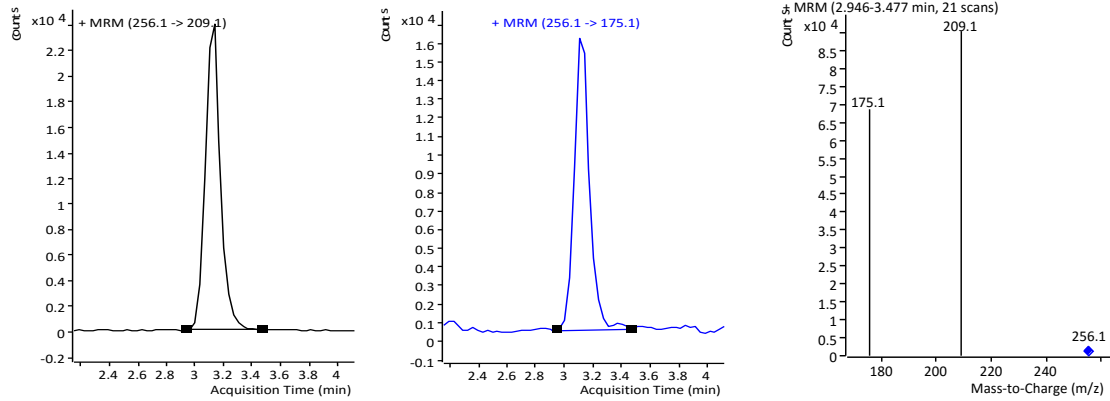
Figure S2.

MRM1 and MRM2 chromatograms and mass spectra of the target compounds in a surface water sample.

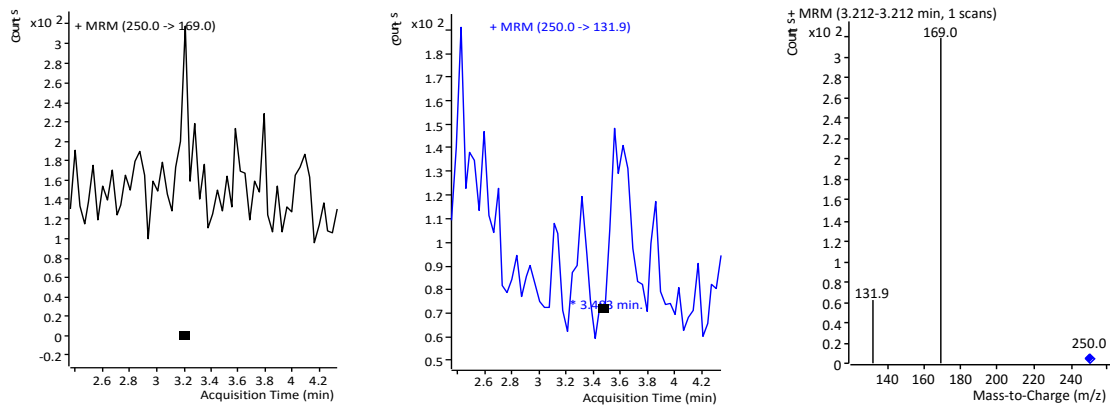
Thiamethoxam (<MDL)



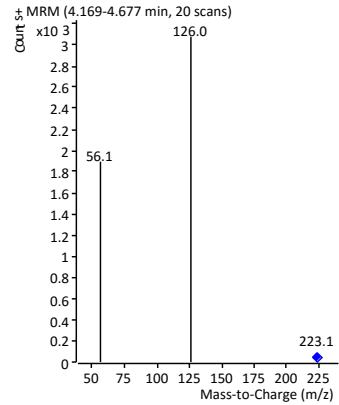
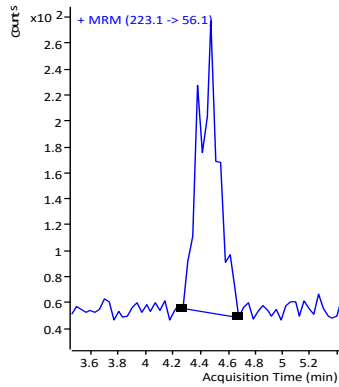
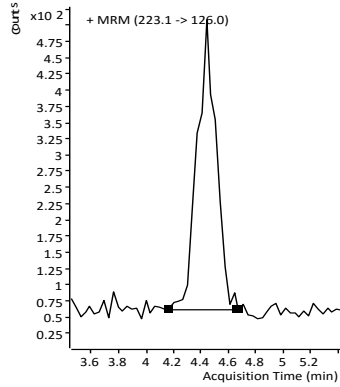
Imidacloprid (36.4 ng/L)



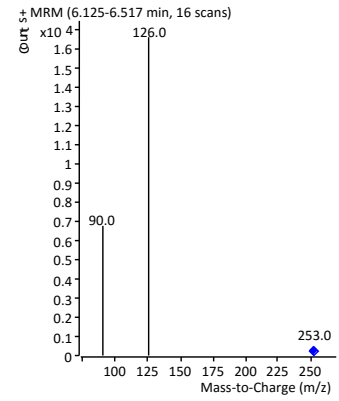
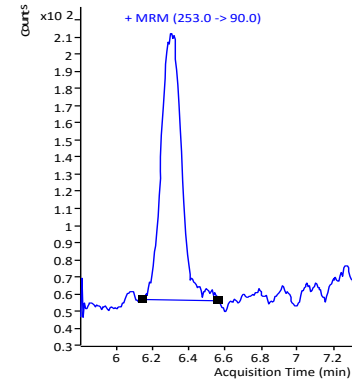
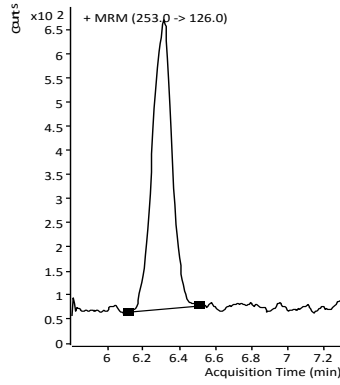
Clothianidin (<MDL)



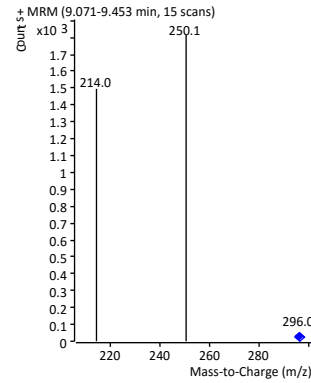
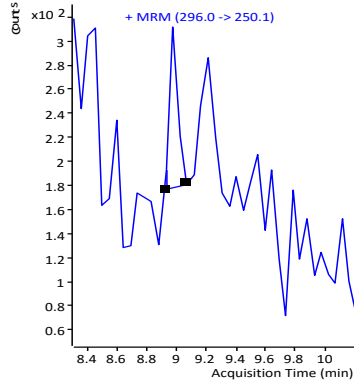
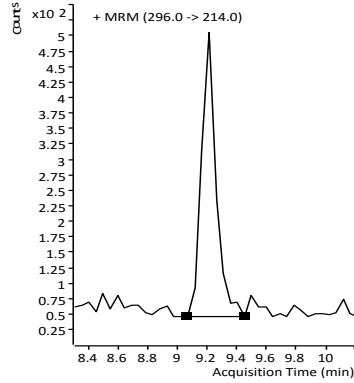
Acetamidrid (<MDL)



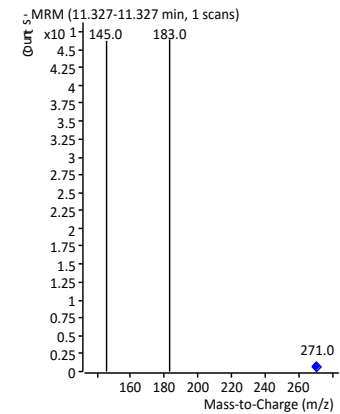
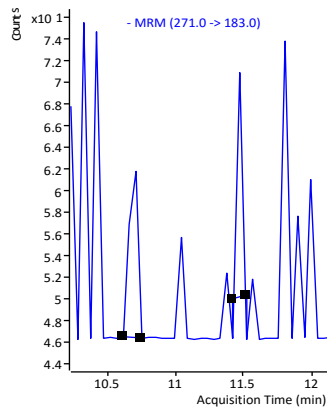
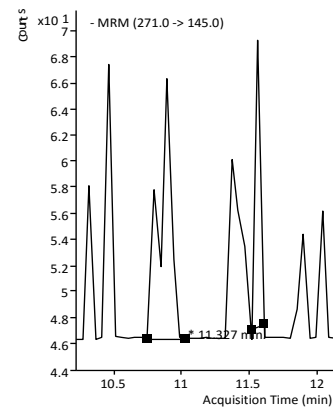
Thiacloprid (<MQL)



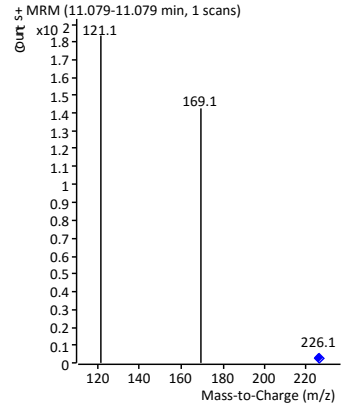
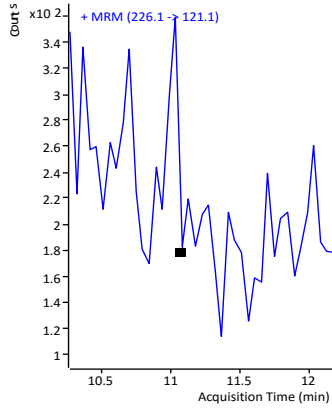
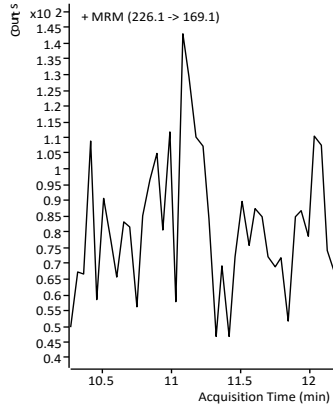
Diclofenac (<MDL)



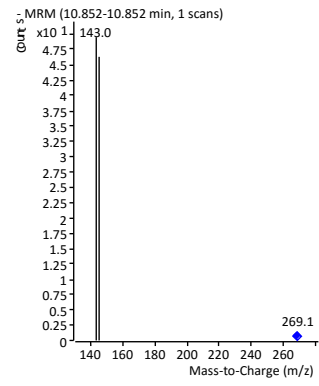
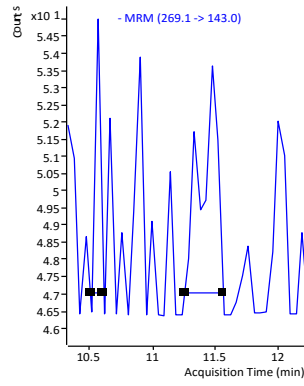
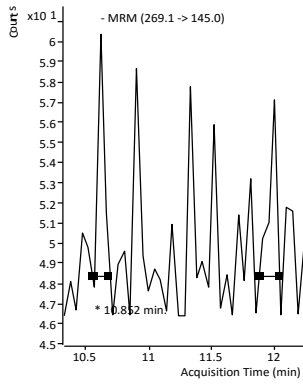
17β-estradiol (<MDL)



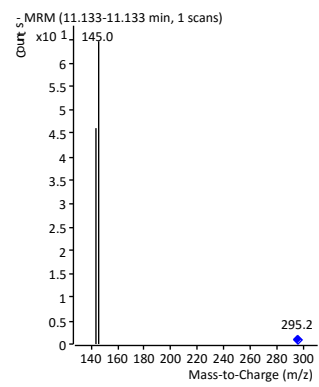
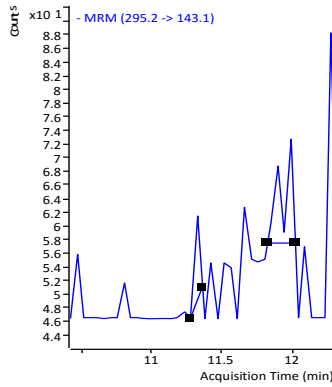
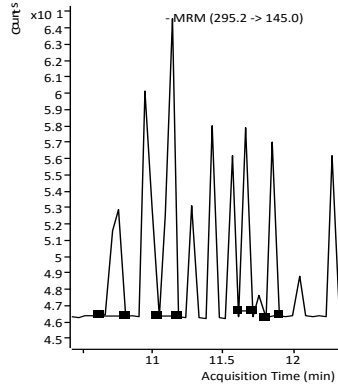
Methiocarb (<MDL)



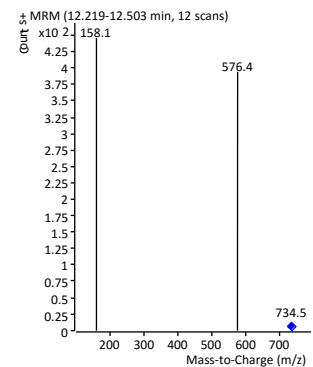
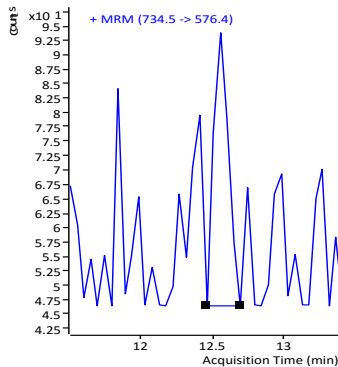
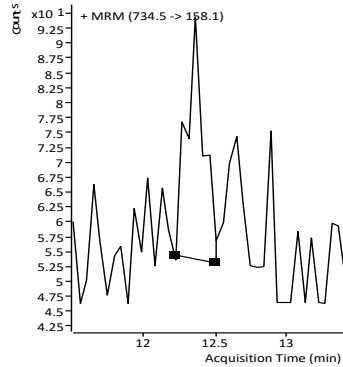
Estrone (<MDL)



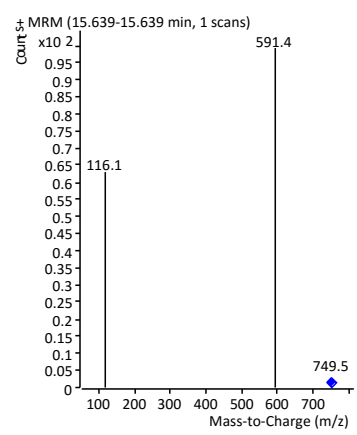
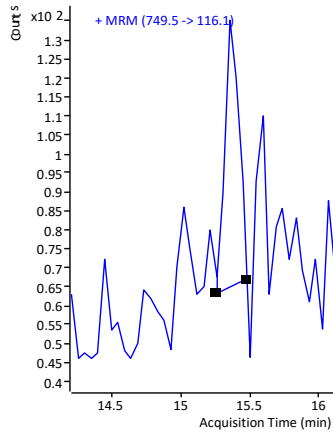
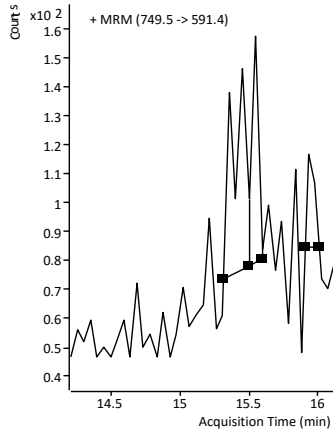
17 α -ethinylestradiol (<MDL)



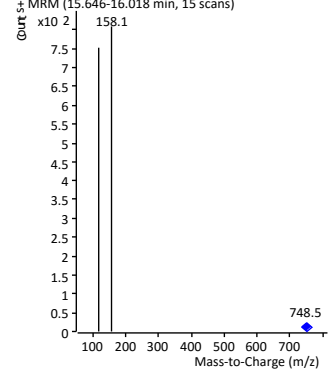
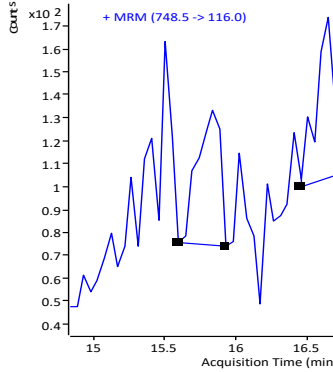
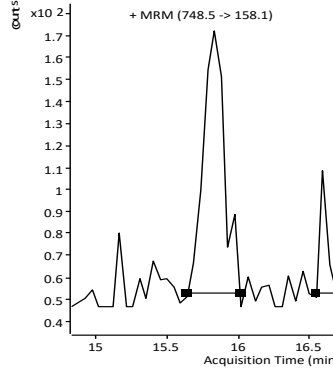
Erithromycin (<MDL)



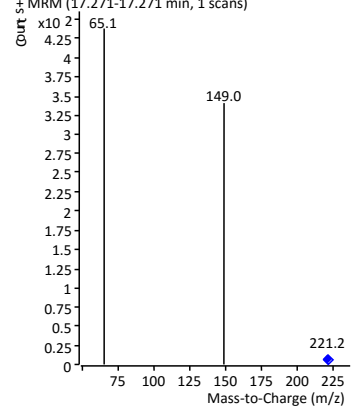
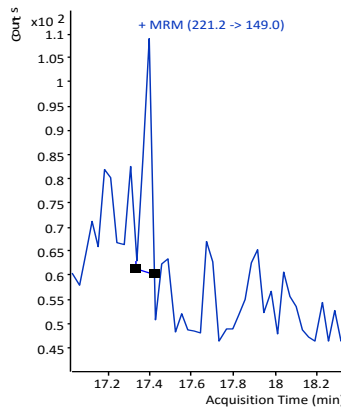
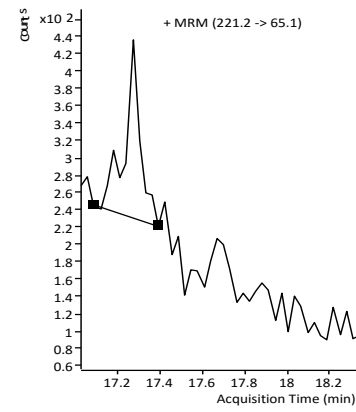
Azithromycin (<MDL)



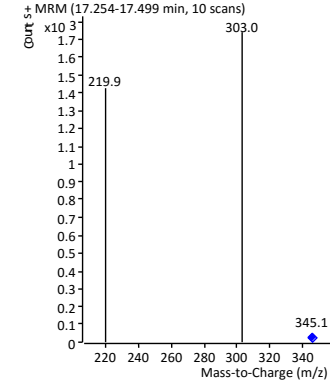
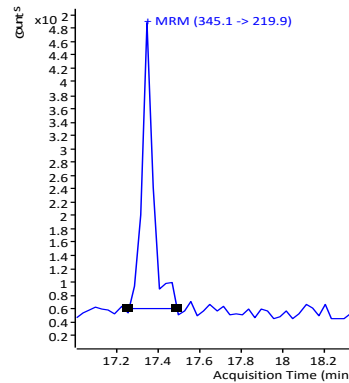
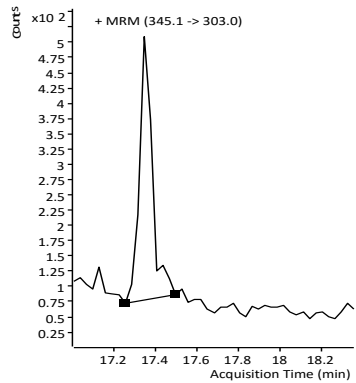
Clarithromycin (<MDL)



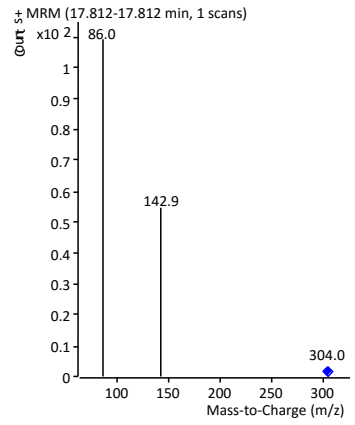
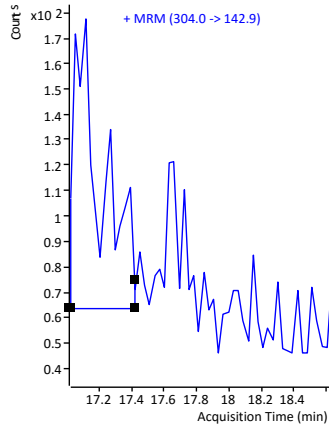
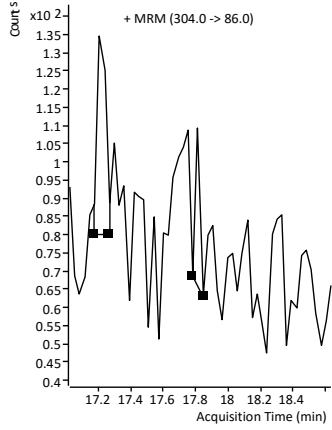
BHT (<MDL)



Oxadiazon (<MQL)



Triallate (<MDL)



Methoxycinnamate (<MQL)

