

MS/MS Parameters of Pesticides

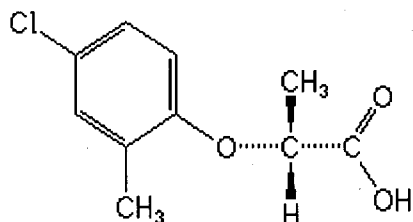
Analyte: Mecoprop-P

CAS No.: 16484-77-8

Formula: C₁₀H₁₁ClO₃

Molecular mass (lowest isotopes): 214,04 amu

Structure:



Ionisation: ESI -

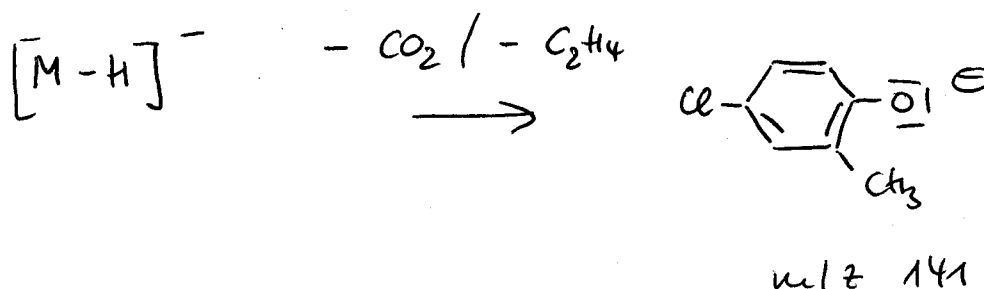
Quasimolecular ion: 213,0 amu = [M-H]⁻

Analyte sensitive parameter set (API 2000)

Transition	213,0 → 140,7	no → no
Declustering potential (DP) ^{*)}	-51V	-51 V
Focusing potential (FP)	-330 V	V
Entrance potential (EP)	-10,5 V	V
Collision cell entrance potential (CEP)	-16 V	V
Collision energy (CE)	-14 V	V
Collision cell exit potential (CXP)	-26 V	V

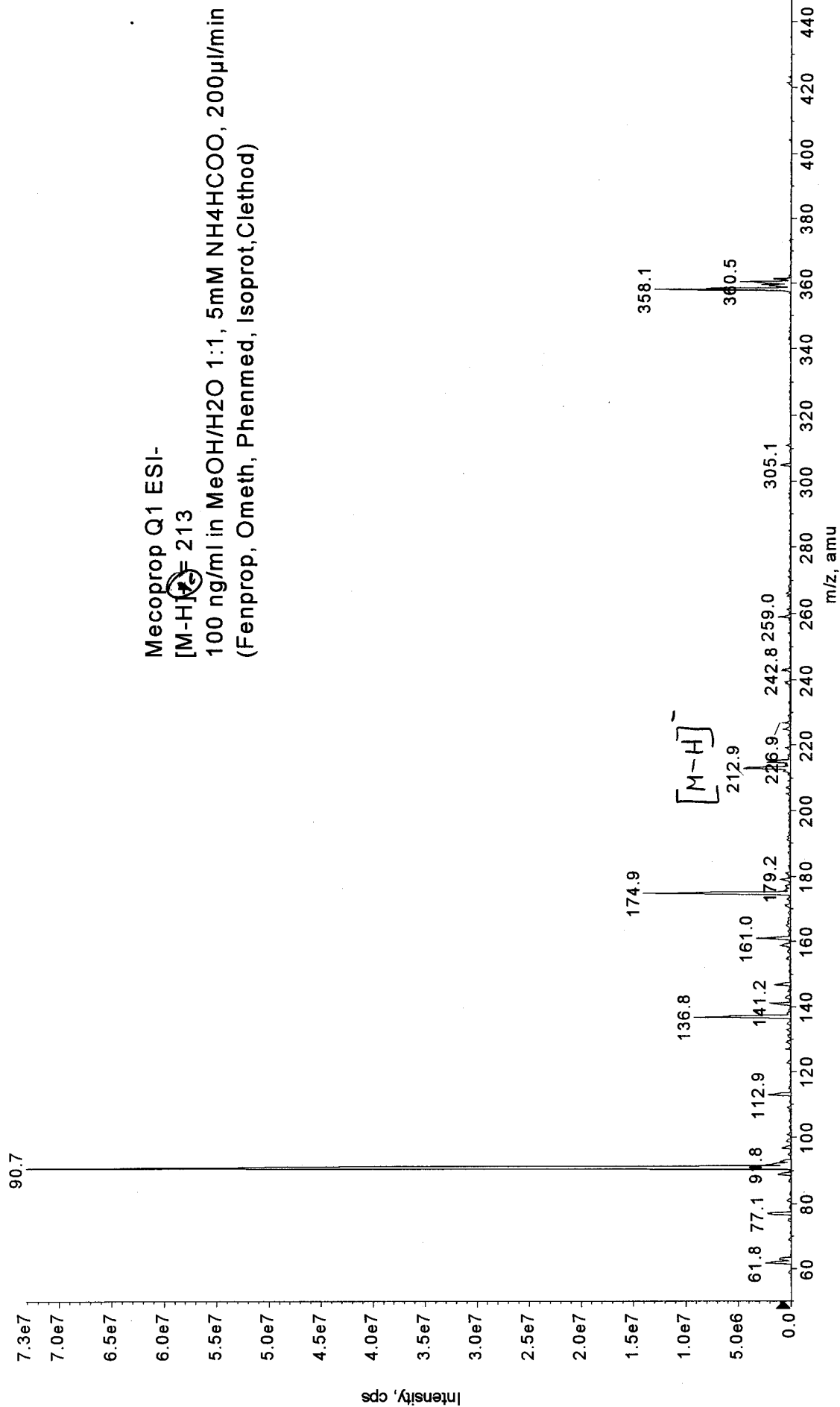
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



Q1 30 MCA scans from Sample 1 of MT20020125125605.wiff

Max 7.3e7 cps



Product (213.0): 30 MCA scans from Sample 1 of MT20020125125905.wiff Max 7.6e5 cps

