

MS/MS Parameters of Pesticides

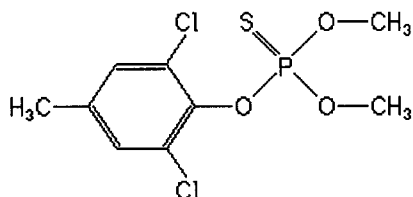
Analyte: Tolclofos-methyl

CAS No.: 57018-04-9

Formula: C₉H₁₁Cl₂O₃PS

Molecular mass (lowest isotopes): 299,95 amu

Structure:



Ionisation: ESI +

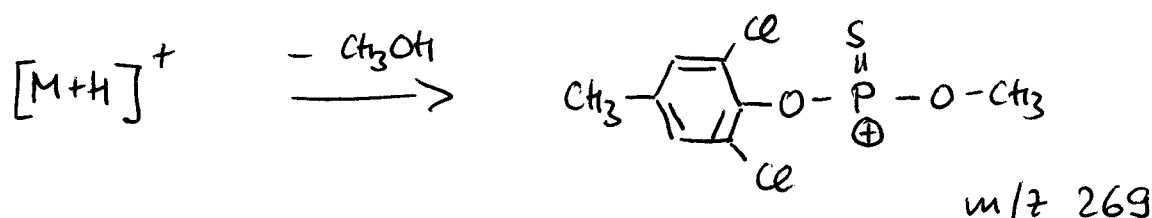
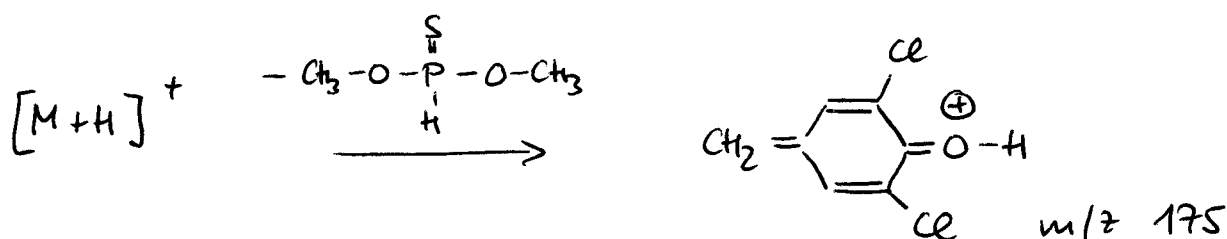
Quasimolecular ion: 301,0 amu = [M+H]⁺

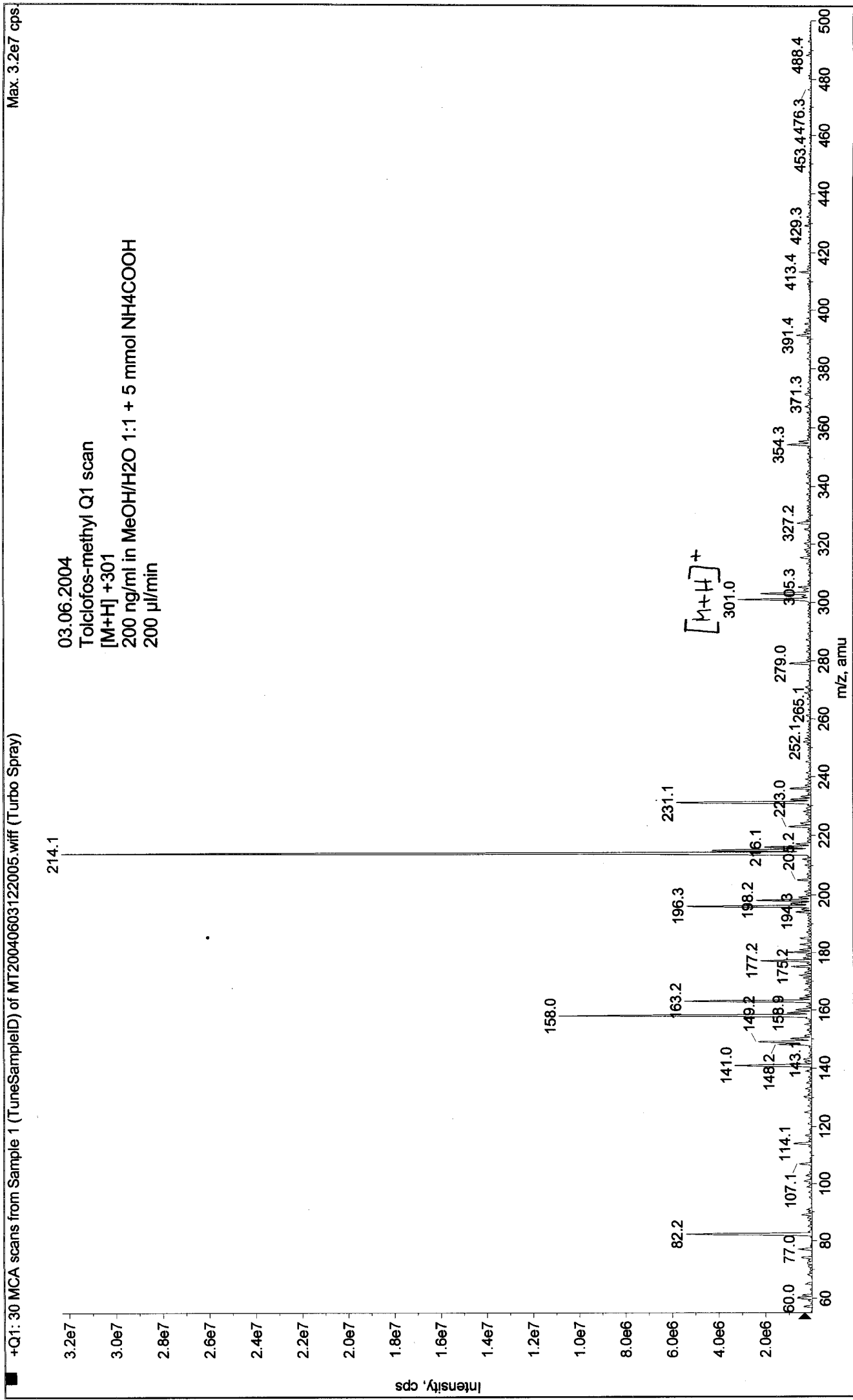
Analyte sensitive parameter set (API 2000)

Transition	301,0 → 268,9	301,0 → 175,0
Declustering potential (DP) ^{*)}	44 V	44 V
Focusing potential (FP)	350 V	370 V
Entrance potential (EP)	12,0 V	11,5 V
Collision cell entrance potential (CEP)	22 V	20 V
Collision energy (CE)	23 V	35 V
Collision cell exit potential (CXP)	16 V	8 V

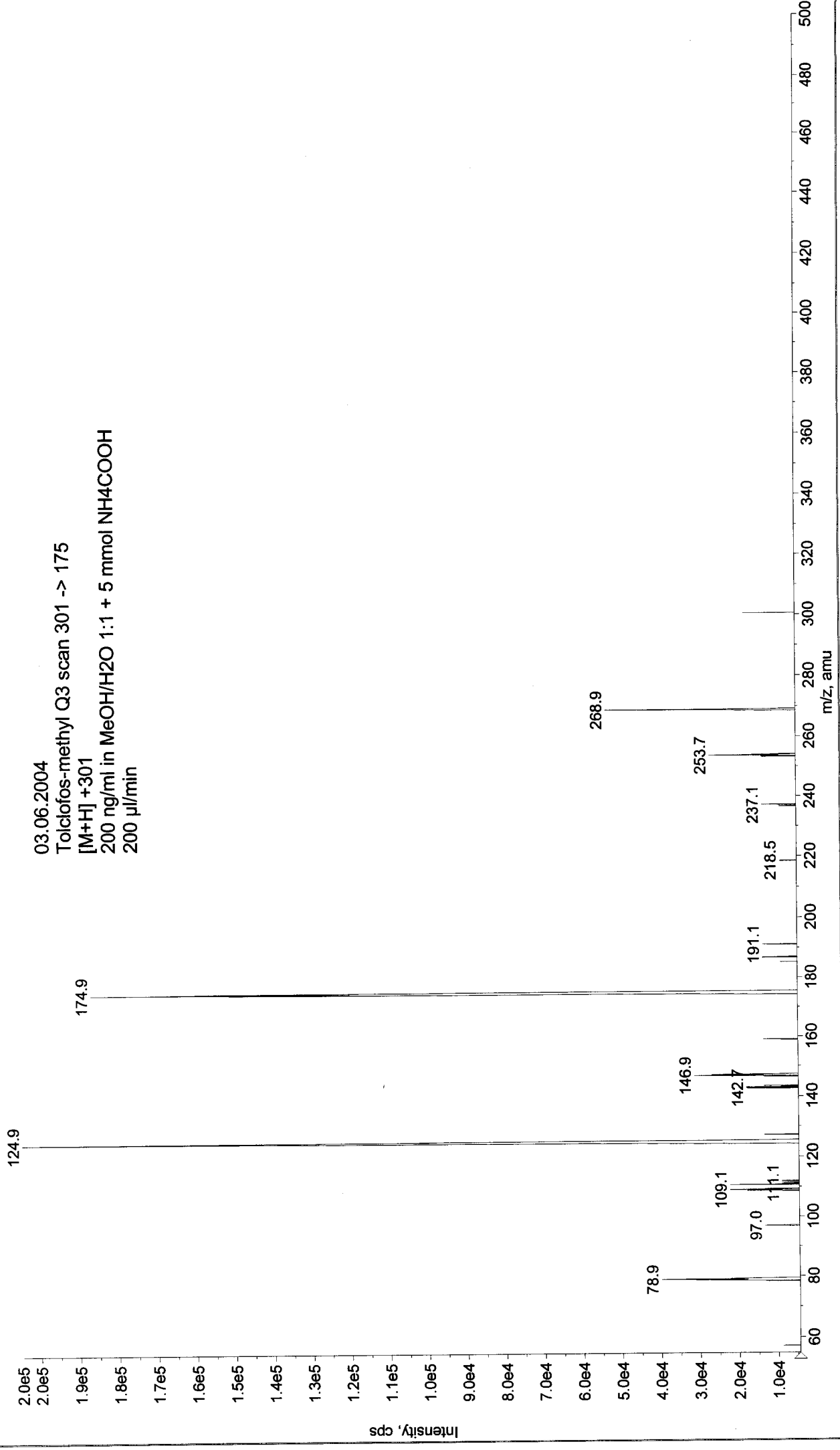
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation





Max: 2.0e5 cps.
+MS2 (301.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040603122243.wiff (Turbo Spray)



Max. 1.2e5 cps.

■ +MS2 (301.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040603123047.wiff (Turbo Spray)

