

MS/MS Parameters of Pesticides

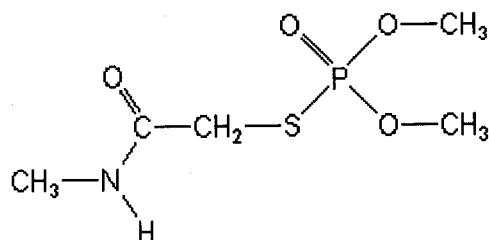
Analyte: Omethoat

CAS No.: 1113-02-6

Formula: C₅H₁₂NO₄PS

Molecular mass (lowest isotopes): 213,02 amu

Structure:



Ionisation: ESI +

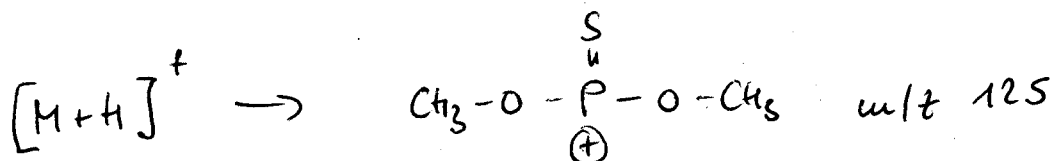
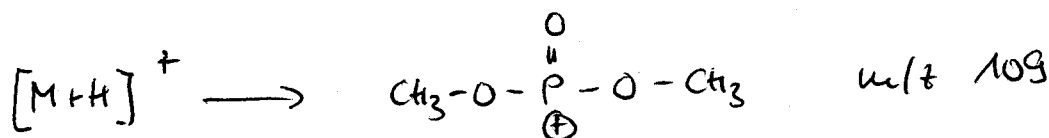
Quasimolecular ion: 214,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	214,1 → 109,0	214,1 → 125,0
Declustering potential (DP) ^{*)}	51 V	51 V
Focusing potential (FP)	310 V	360 V
Entrance potential (EP)	11,5 V	10,5 V
Collision cell entrance potential (CEP)	12 V	12 V
Collision energy (CE)	35 V	29 V
Collision cell exit potential (CXP)	6 V	6 V

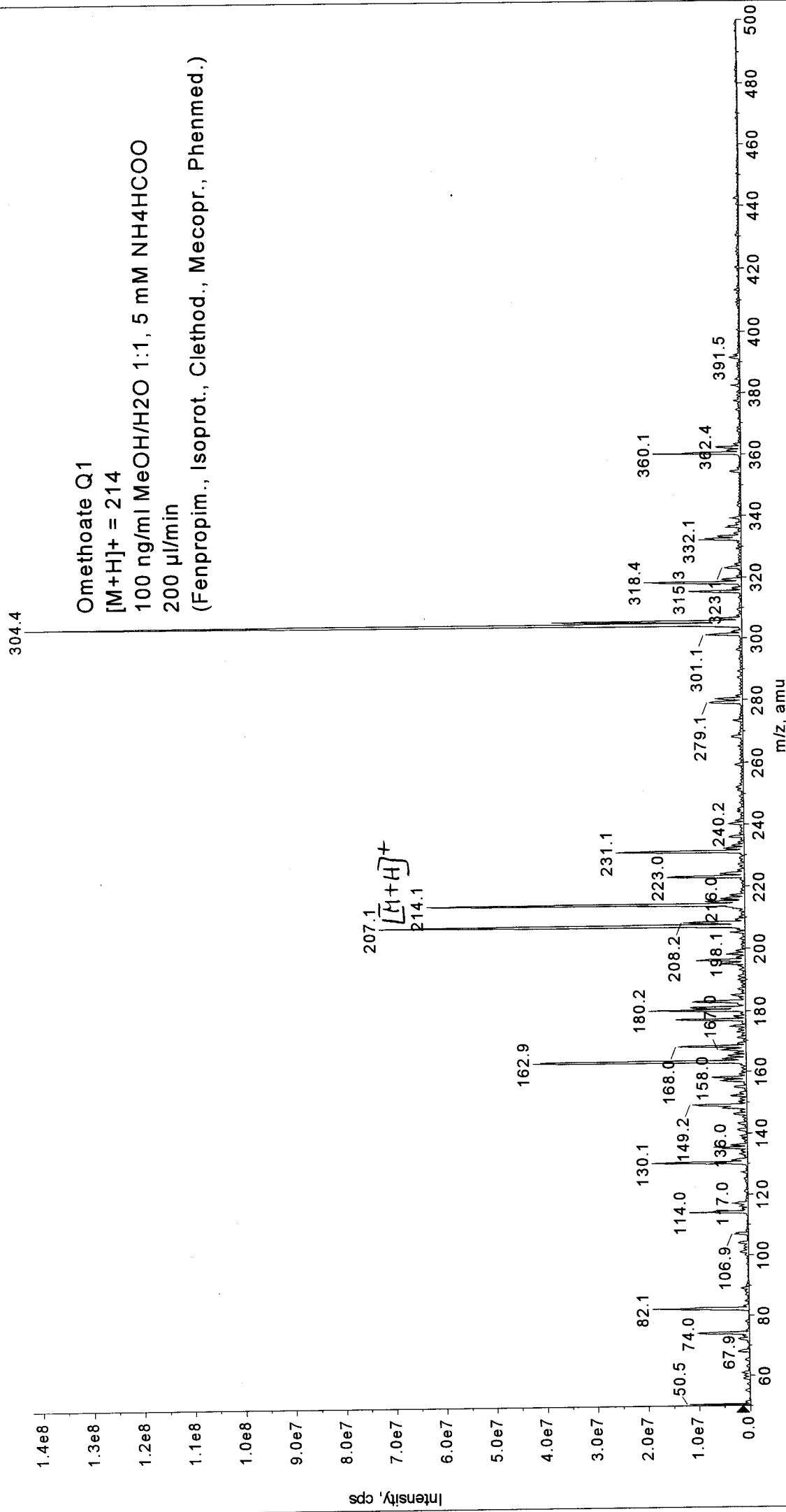
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



+Q1 30 MCA scans from Sample 1 of MT20020125103200.wiff

Max 1.4e8 cps



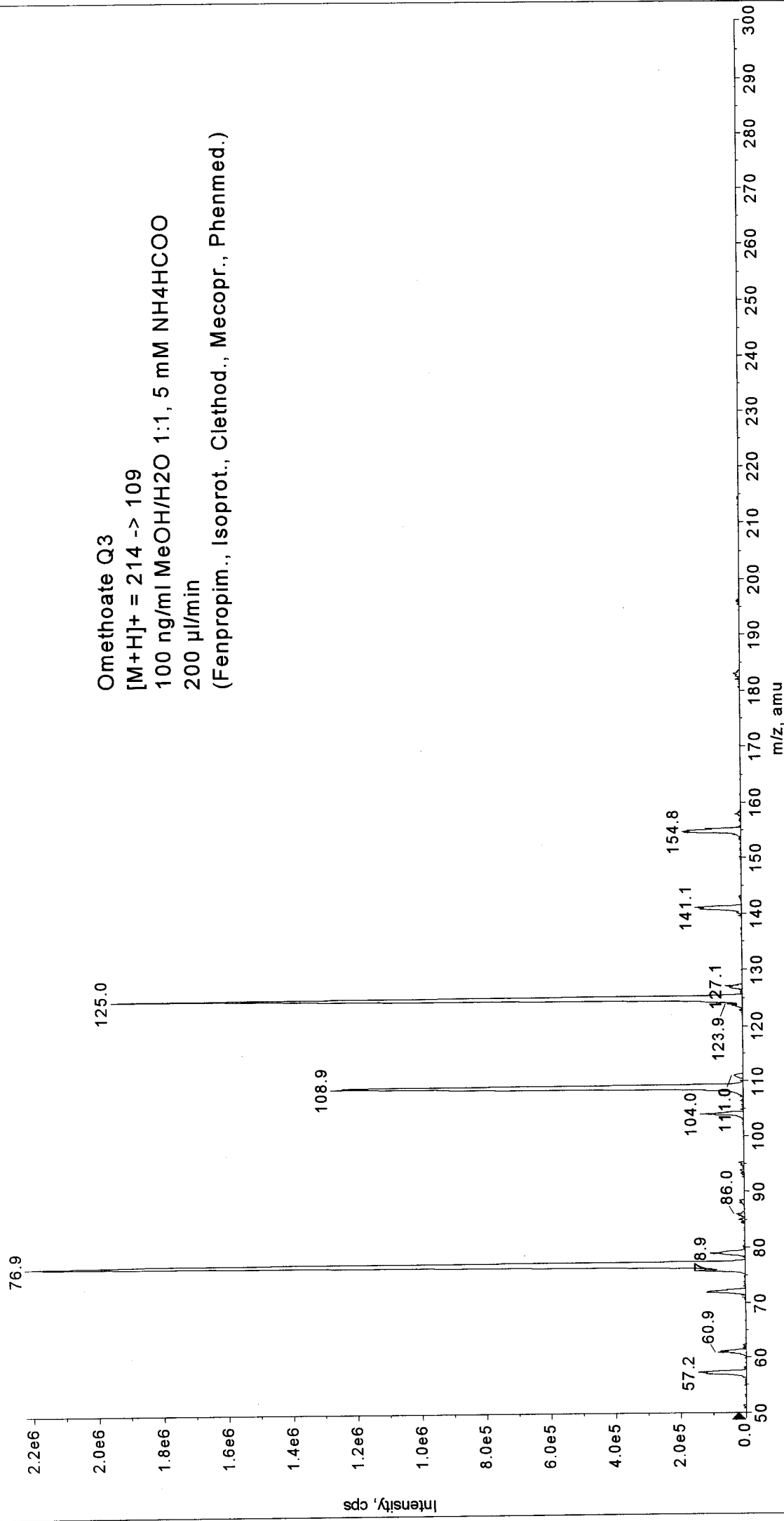
Printing Date: 25 January 2002
Printing Time: 10:46:52

Acq. Date: Friday, January 25, 2002
Acq. Time: 10:45
Acq. File: MT20020125104557.wiff

Sample Comment:
Sample Name:
Batch Name: n/a

Max 2.2e6 cps

*Product (214.0): 30 MCA scans from Sample 1 of MT20020125104557.wiff



Printing Date: 25 January 2002
Printing Time: 10:36:40

Acq. Date: Friday, January 25, 2002
Acq. Time: 10:35
Acq. File: MT20020125103538.wiff

Sample Comment:
Sample Name:
Batch Name: n/a

+Product (214.0): 30 MCA scans from Sample 1 of MT20020125103538.wiff

Max 2.5e6 cps

