

MS/MS Parameters of Pesticides

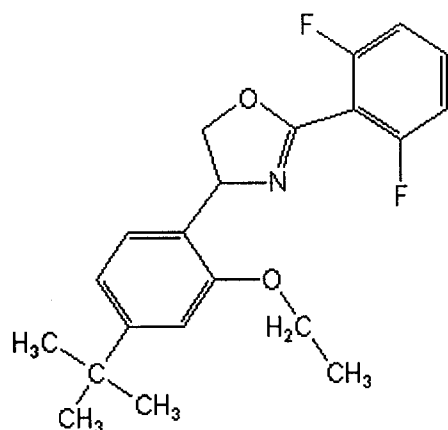
Analyte: Etoxazole

CAS No.: 153233-91-1

Formula: C₂H₂₃F₂NO₂

Molecular mass (lowest isotopes): 359,17 amu

Structure:



Ionisation: ESI +

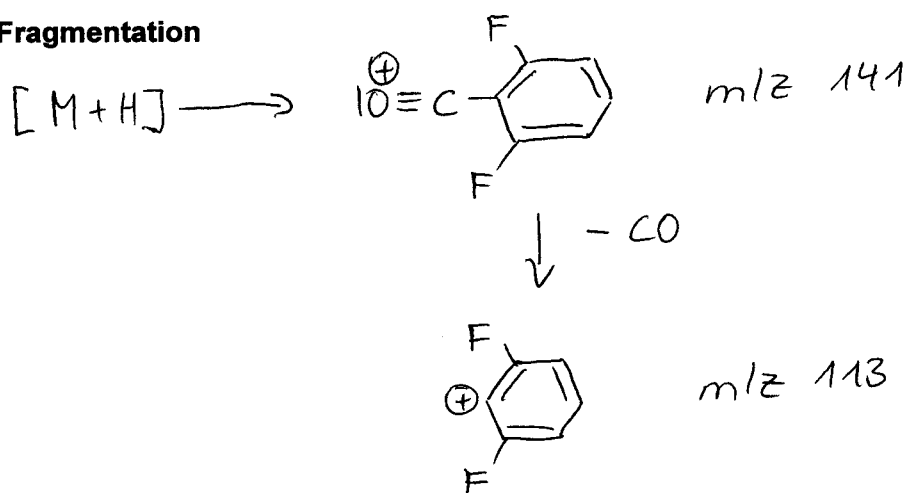
Quasimolecular ion: 360,2 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	360,2 → 141,0	360,2 → 113,0
Declustering potential (DP) ^{*)}	56V	56 V
Focusing potential (FP)	50 V	350 V
Entrance potential (EP)	9,0 V	9,5 V
Collision cell entrance potential (CEP)	24 V	24 V
Collision energy (CE)	37 V	79 V
Collision cell exit potential (CXP)	8 V	6 V

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

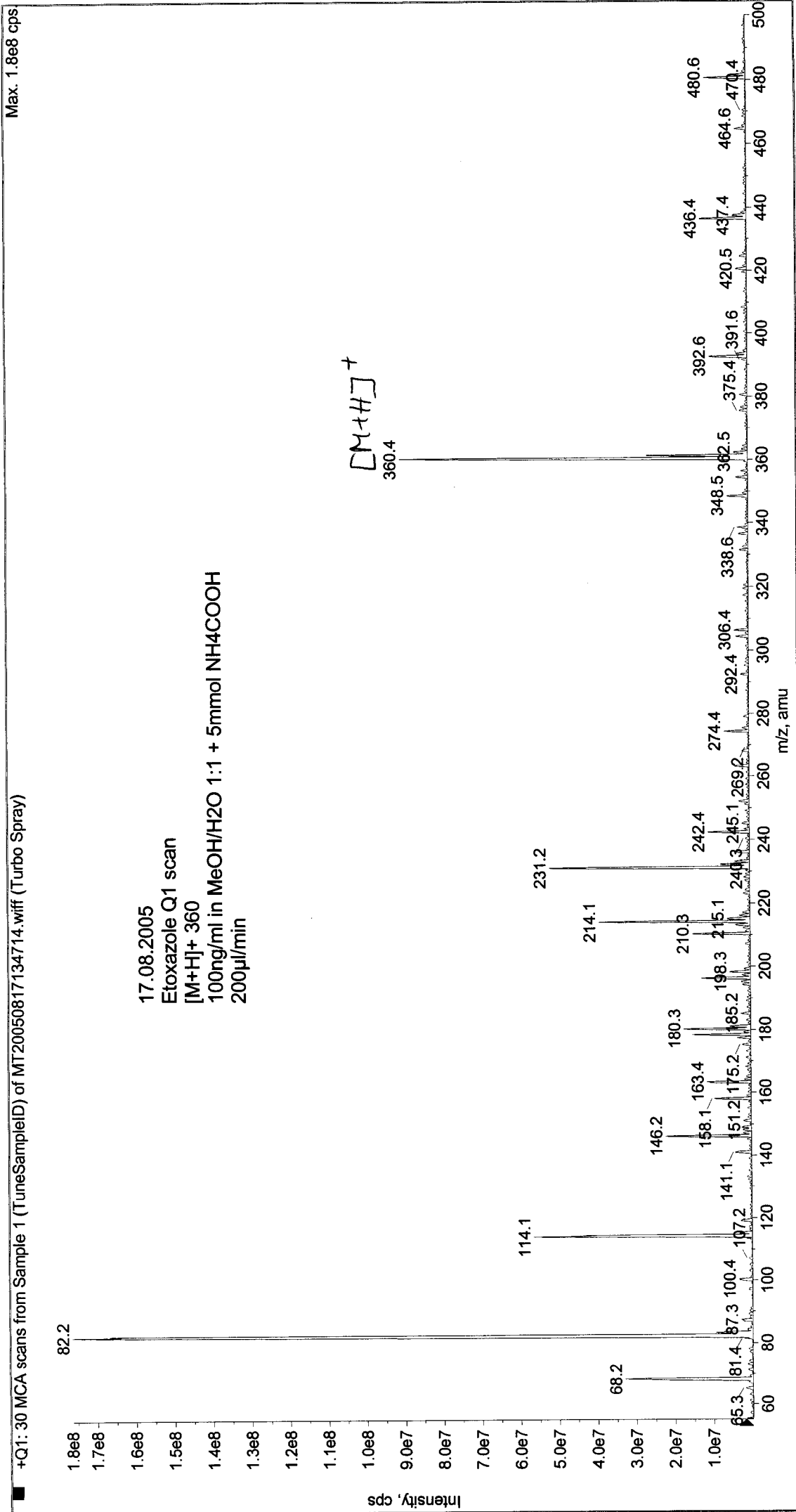
Fragmentation



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Printing Date: Wednesday, August 17, 2005

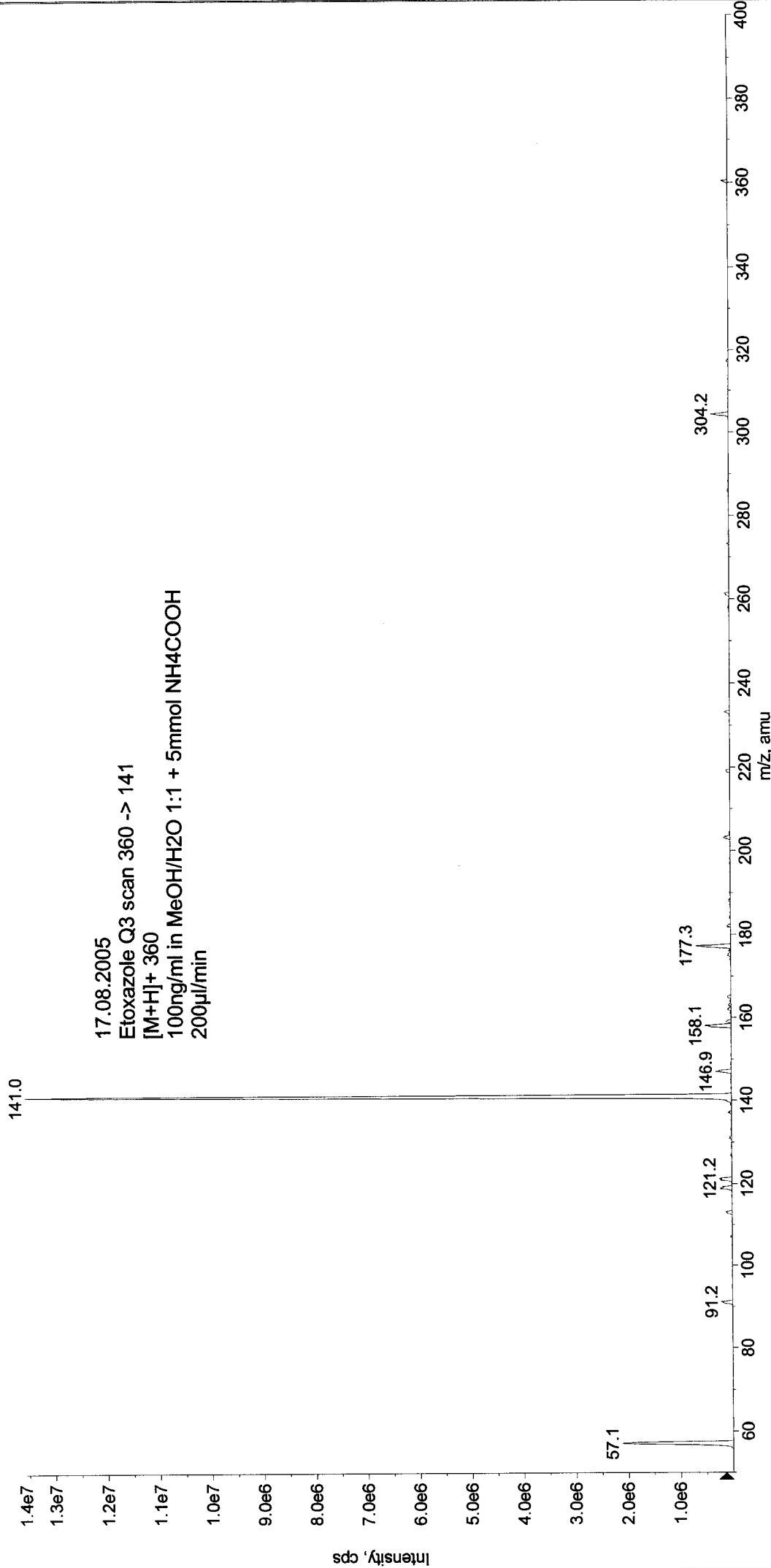
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Acq. Date: Wednesday, August 17, 2005
Acq. File: MT20050817134714.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat



Max. 1.4e7 cps

+MS2 (360.20): 30 MCA scans from Sample 1 (TuneSampleID) of MT20050817135002.wiff (Turbo Spray)



17.08.2005
EtOxazole Q3 scan 360 -> 141
[M+H]⁺ 360
100ng/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min

Printing Time: 13:56:00
Printing Date: Wednesday, August 17, 2005

Acq. Time: 13:54
Acq. Date: Wednesday, August 17, 2005
Acq. File: MT20050817135454.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

