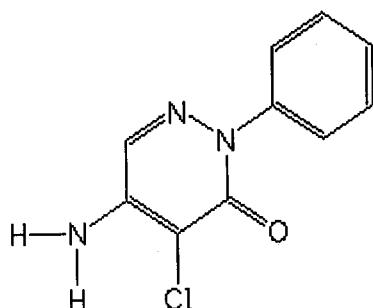


MS/MS Parameters of Pesticides

Analyte: Chloridazon

CAS No.: 1698-60-8
 Formula: C₁₀H₈ClN₃O
 Molecular mass (lowest isotopes): 221,04 amu

Structure:



Ionisation: ESI +

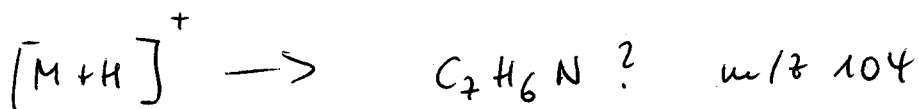
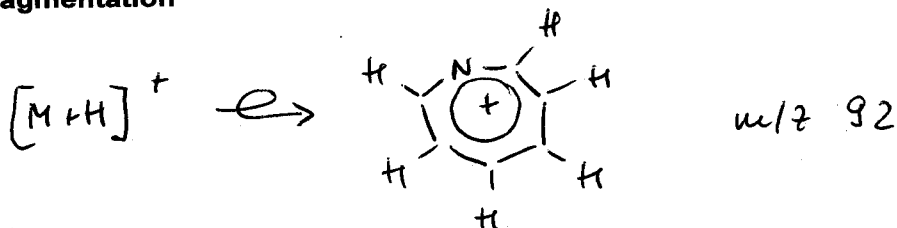
Quasimolecular ion: 222,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

| Transition | 222,0 → 92,2 | 222,0 → 104,2 |
|---|--------------|---------------|
| Declustering potential (DP) ^{*)} | 59 V | 59 V |
| Focusing potential (FP) | 370 V | 370 V |
| Entrance potential (EP) | 10,0 V | 11,0 V |
| Collision cell entrance potential (CEP) | 14 V | 14 V |
| Collision energy (CE) | 35 V | 31 V |
| Collision cell exit potential (CXP) | 4 V | 4 V |

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

Fragmentation



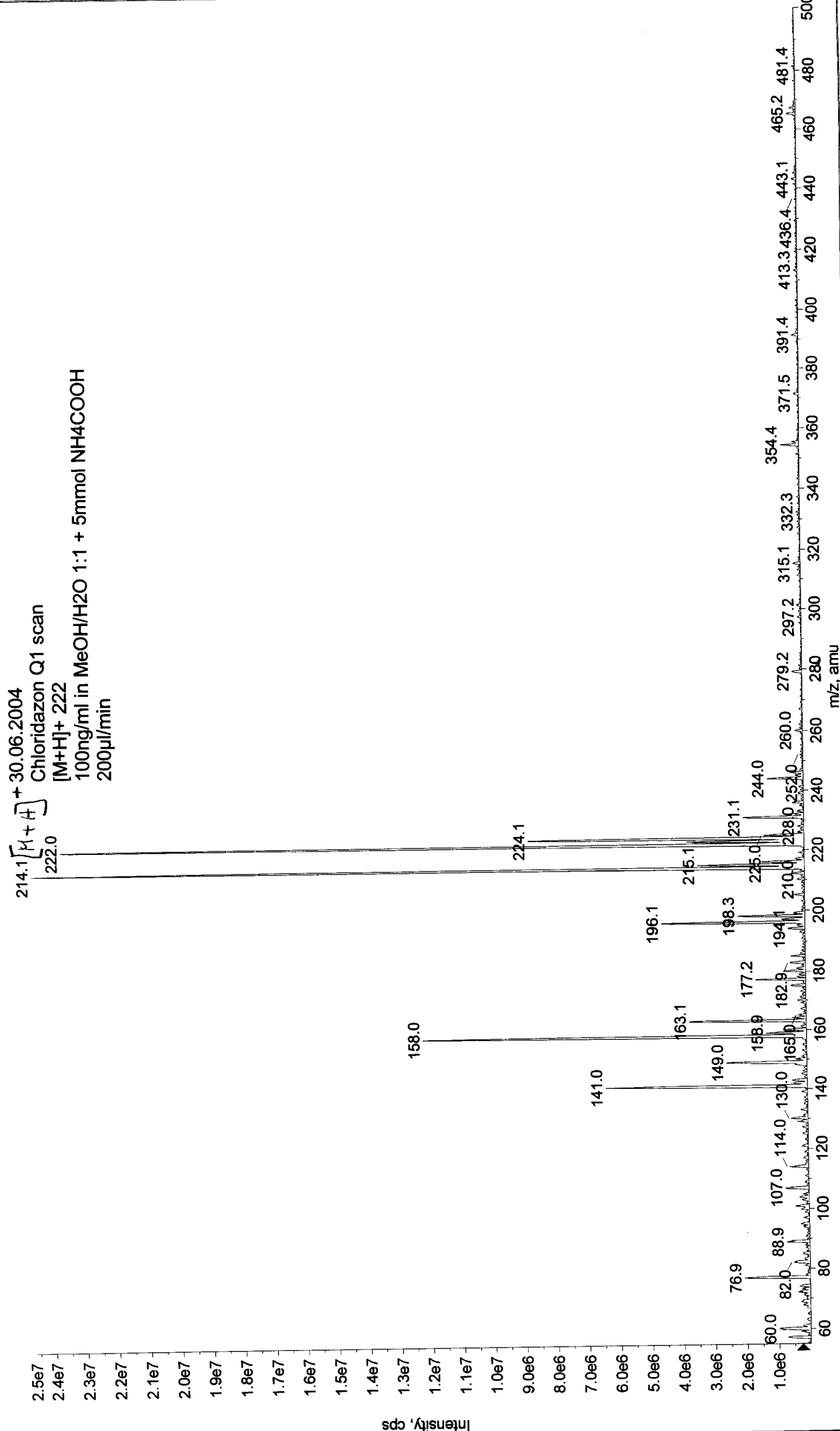
Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

Acq Time: 11:03
Acq Date: Wednesday, June 30, 2004
Acq File: MT20040630110331.wiff

Printing Time: 11:06:25
Printing Date: Wednesday, June 30, 2004

Max. 2.5e7 cps

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040630110331.wiff (Turbo Spray)



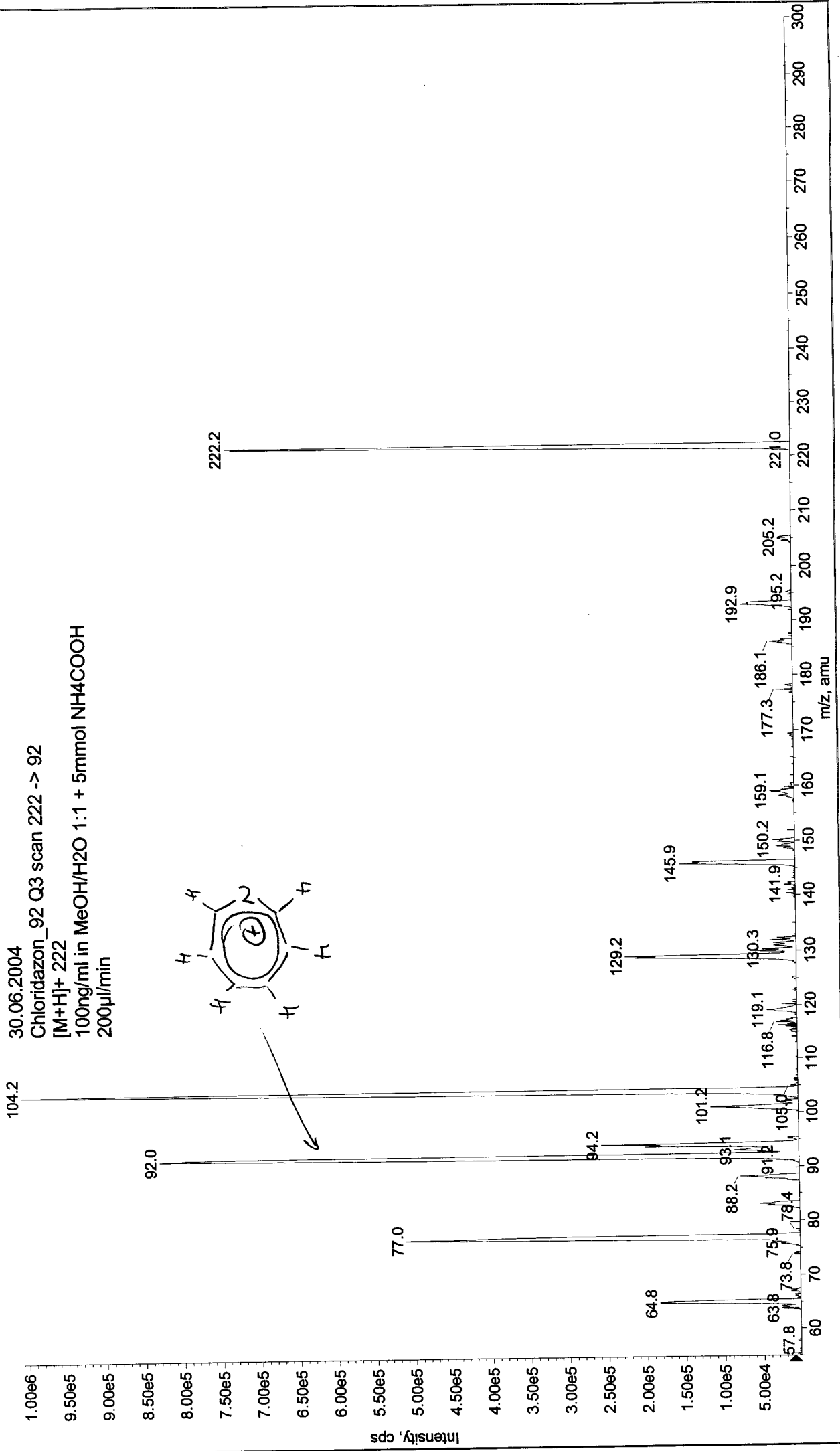
Printing Time: 11:40:34
Printing Date: Wednesday, June 30, 2004

Acq Time: 11:39
Acq Date: Wednesday, June 30, 2004
Acq File: MT20040630113915.wiff

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

Max. 1.0e6 cps

+MS2 (222.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040630113915.wiff (Turbo Spray)



Max. 1.1e6 cps

+MS2 (222.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040630110721.wiff (Turbo Spray)

30.06.2004
Chloridazon Q3 scan 222 -> 104
[M+H]⁺ 222
100ng/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min

Intensity, cps

104.1

92.2

77.1

129.0

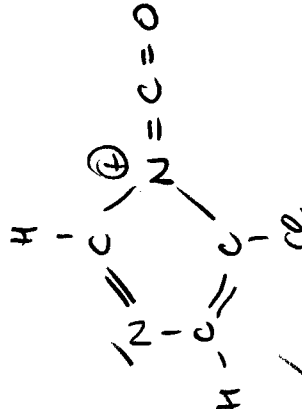
146.0

193.2

222.1

(M+H)⁺

C₇H₆N₂O₂



m/z, amu

Max. 4.5e5 cps.

+MS2 (224.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040630110848.wiff (Turbo Spray)

30.06.2004
Chloridazon Q3 scan von 224
[M+H]⁺ 222
100ng/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min

