Quantitation Report (Qedit)

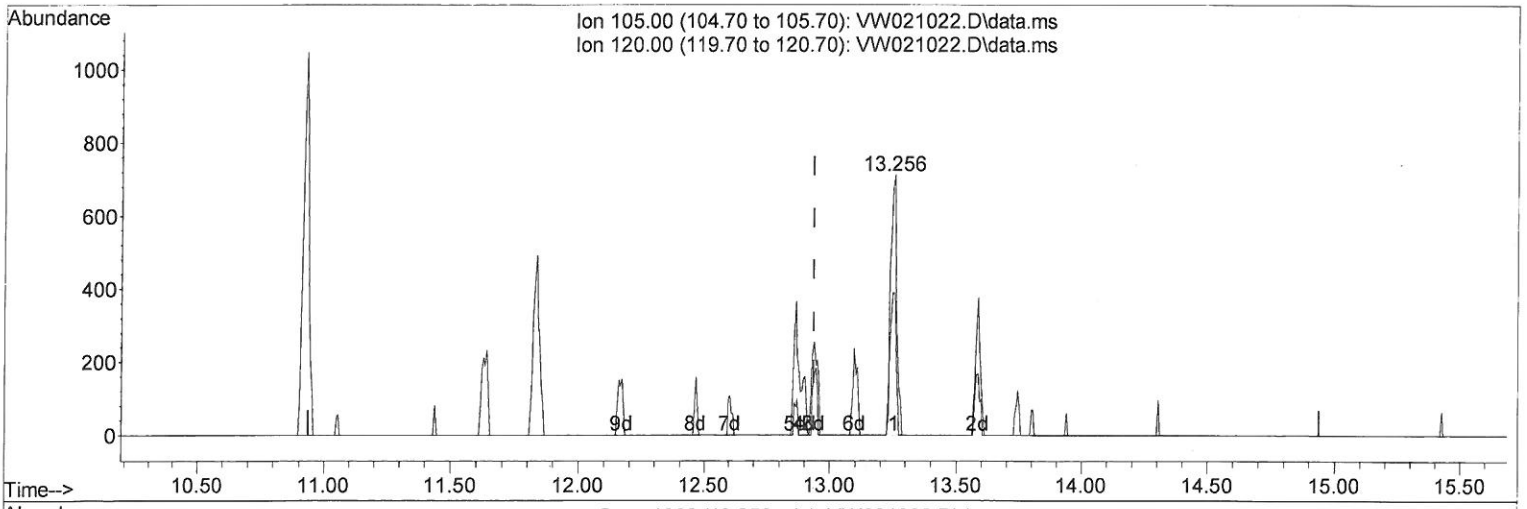
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021022.D
Acq On : 02 Dec 2021 04:16
Operator : SY/VA
Sample : M4881-10
Misc : 4.99g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

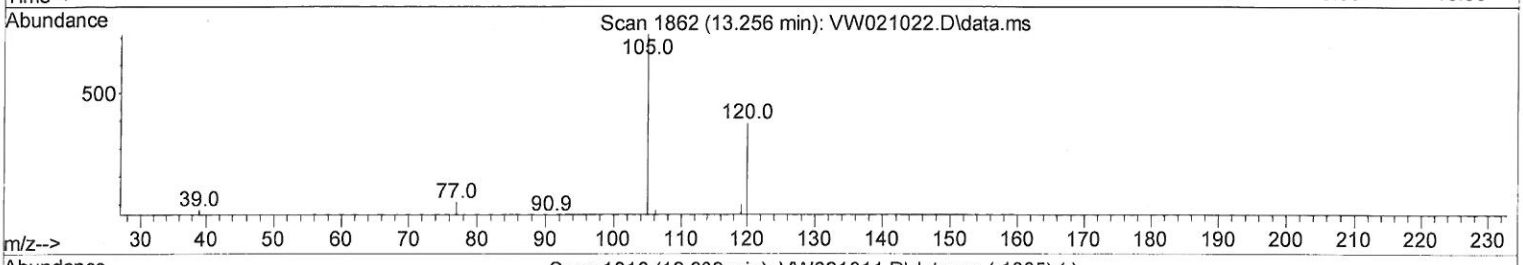
Quant Time: Dec 02 07:30:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 02 07:10:34 2021
Response via : Initial Calibration

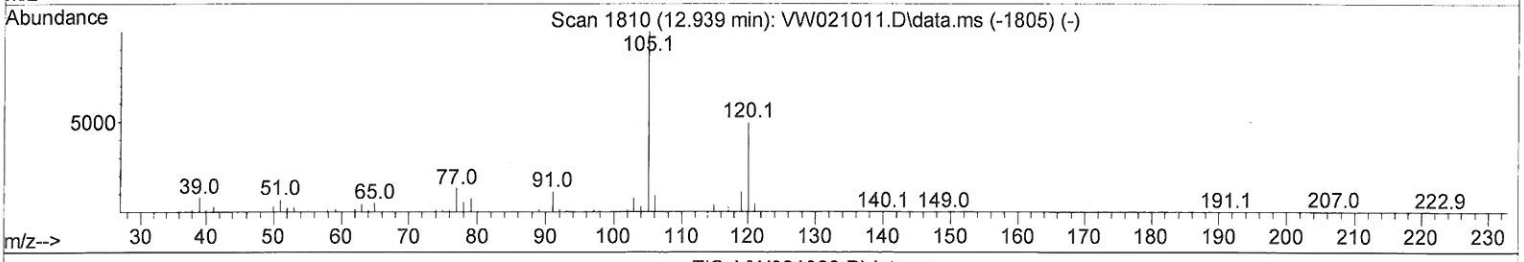
**Instrument :**
MSVOA_W
**ClientSampleId :**
EW9E6

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021




TIC: VW021022.D\data.ms

(62) 1,3,5-Trimethylbenzene

13.256min (+ 0.317) 4.78 ug/L

response 1205

| Ion | Exp% | Act% |
|---|---|---|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 46.80 | 52.12 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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Quant Title : SFAM01.0
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**Instrument :**
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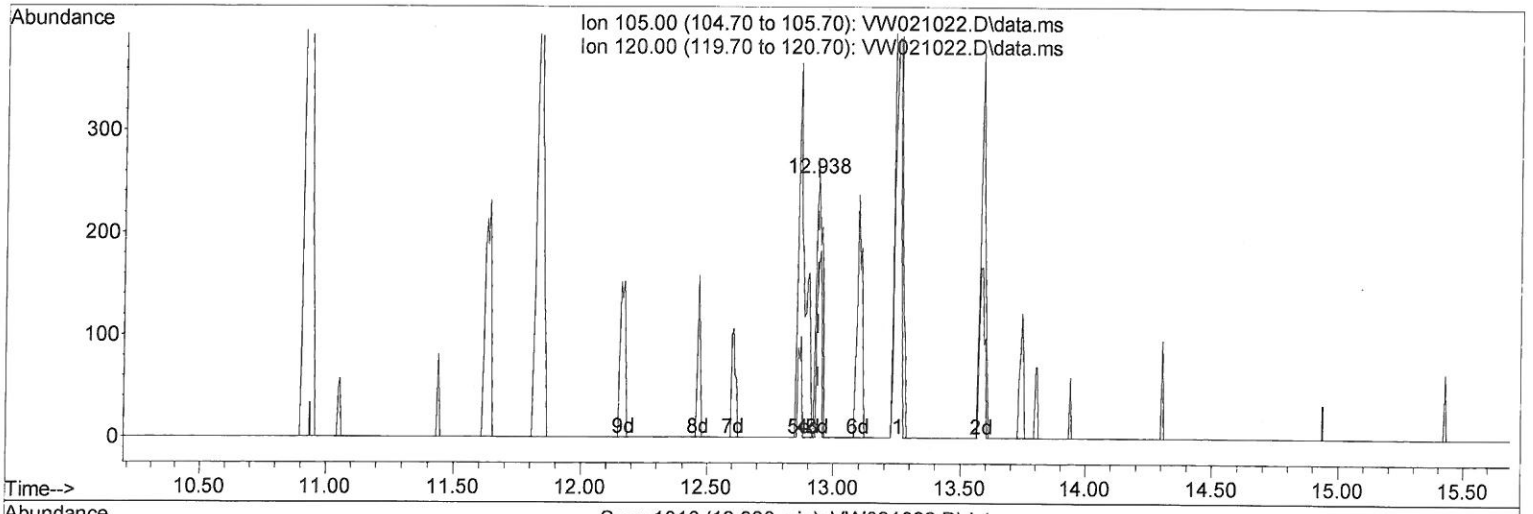


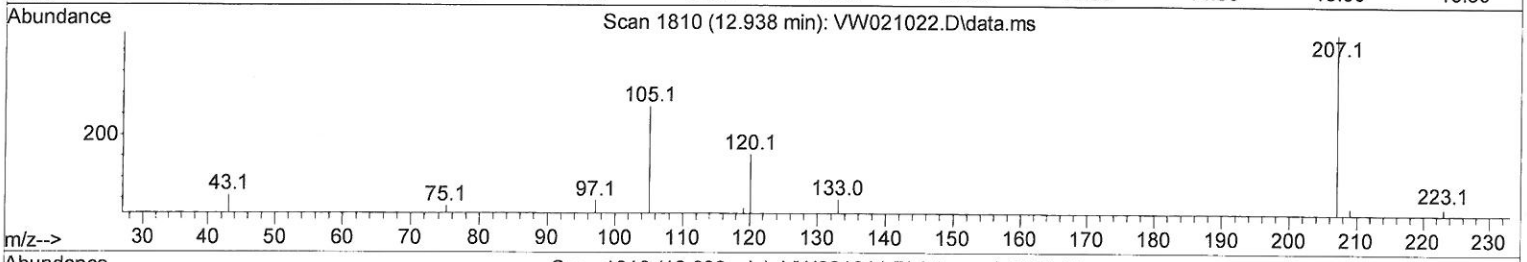


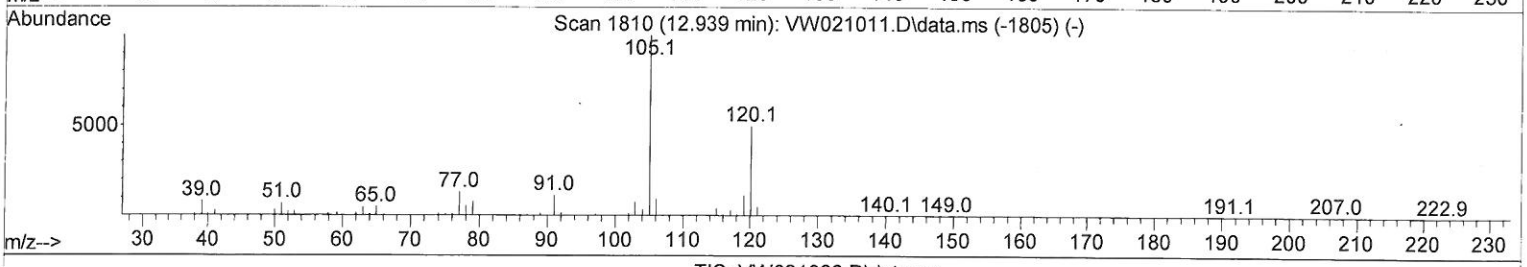


TIC: VW021022.D\data.ms

(62) 1,3,5-Trimethylbenzene

12.938min (-0.000) 1.70 ug/L m 12/14/21

response 429

| Ion | Exp% | Act% |
|---|---|---|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 46.80 | 146.39# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021022.D
Acq On : 02 Dec 2021 04:16
Operator : SY/VA
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Misc : 4.99g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 02 07:30:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 02 07:10:34 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
EW9E6

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 12/03/2021
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| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| **Internal Standards** | | | | | |
| 1) 1,4-Difluorobenzene | 8.842 | 114 | 58224 | 25.000 ug/L | # 0.00 |
| 28) Chlorobenzene-d5 | 11.628 | 117 | 19454 | 25.000 ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.554 | 152 | 2193 | 25.000 ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | |
| 4) Vinyl Chloride-d3 | 2.349 | 65 | 19527 | 28.913 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 115.640% | | |
| 7) Chloroethane-d5 | 2.885 | 69 | 15373 | 35.294 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 141.160% | | |
| 11) 1,1-Dichloroethene-d2 | 4.013 | 63 | 22977 | 17.584 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 70.320% | | |
| 21) 2-Butanone-d5 | 7.074 | 46 | 14663 | 86.984 ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 173.960%# | | |
| 24) Chloroform-d | 7.647 | 84 | 46396 | 31.625 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 126.520% | | |
| 26) 1,2-Dichloroethane-d4 | 8.311 | 65 | 22284 | 29.925 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 119.720% | | |
| 32) Benzene-d6 | 8.275 | 84 | 73633 | 71.814 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 287.240%# | | |
| 36) 1,2-Dichloropropane-d6 | 9.274 | 67 | 23204 | 79.474 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 317.880%# | | |
| 41) Toluene-d8 | 10.323 | 98 | 37129 | 36.484 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 145.920%# | | |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79 | 3251 | 23.557 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 94.240% | | |
| 47) 2-Hexanone-d5 | 10.921 | 63 | 6330 | 130.720 ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 261.440%# | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84 | 11256 | 50.325 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 201.320%# | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.853 | 152 | 2594 | 33.188 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 132.760%# | | |
| **Target Compounds** | | | | | Qvalue |
| 13) Acetone | 4.123 | 43 | 1815 | 12.059 ug/L | 97 |
| 16) Methylene chloride | 4.916 | 84 | 6351 | 7.821 ug/L | 83 |
| 27) 1,2-Dichloroethane | 8.397 | 62 | 4237 | 4.914 ug/L | 99 |
| 29) Cyclohexane | 7.958 | 56 | 785 | 1.810 ug/L # | 75 |
| 35) Methylcyclohexane | 9.335 | 83 | 2214 | 4.359 ug/L # | 85 |
| 42) Toluene | 10.390 | 91 | 5789 | 4.672 ug/L | 89 |
| 46) Tetrachloroethene | 10.860 | 164 | 218 | 0.771 ug/L | 77 |
| 52) Ethylbenzene | 11.731 | 91 | 1160 | 0.845 ug/L | 89 |
| 53) m,p-Xylene | 11.835 | 106 | 1848 | 3.297 ug/L | 80 |
| 54) o-Xylene | 12.158 | 106 | 651 | 1.209 ug/L | 72 |
| 62) 1,3,5-Trimethylbenzene | 12.938 | 105 | 429m | 1.703 ug/L | |
| 63) 1,2,4-Trimethylbenzene | 13.256 | 105 | 1205 | 4.847 ug/L | 87 |

12/14/21

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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