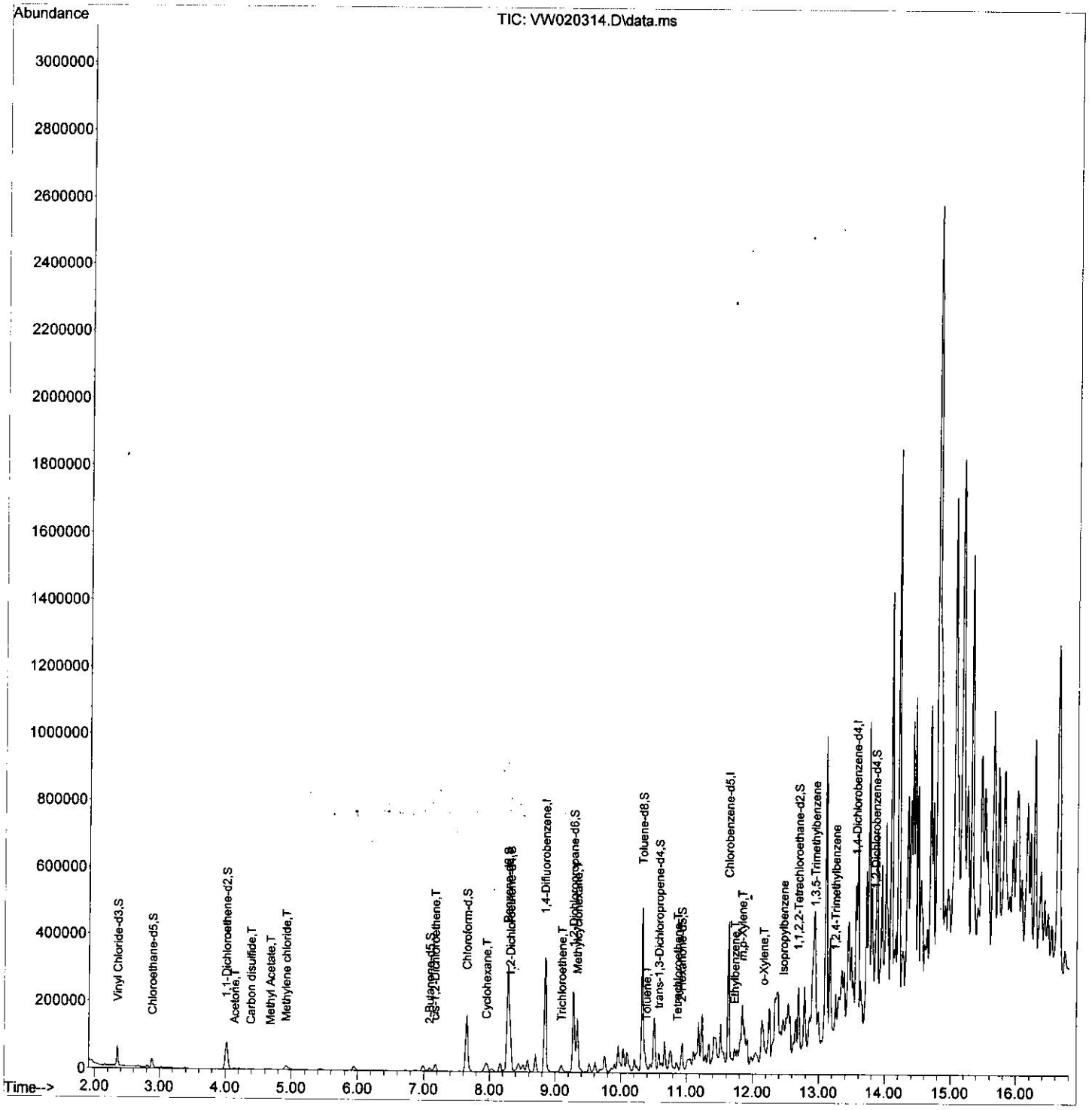
Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020314.D
Acq On : 06 Oct 2021 14:12
Operator : SY/VA
Sample : M3974-01
Misc : 5.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 07 01:52:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 07 01:49:38 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
EW8Y7

**Manual Integrations APPROVED**
MMDadoda
10/11/2021 2:06:10 PM



Quantitation Report (Qedit)

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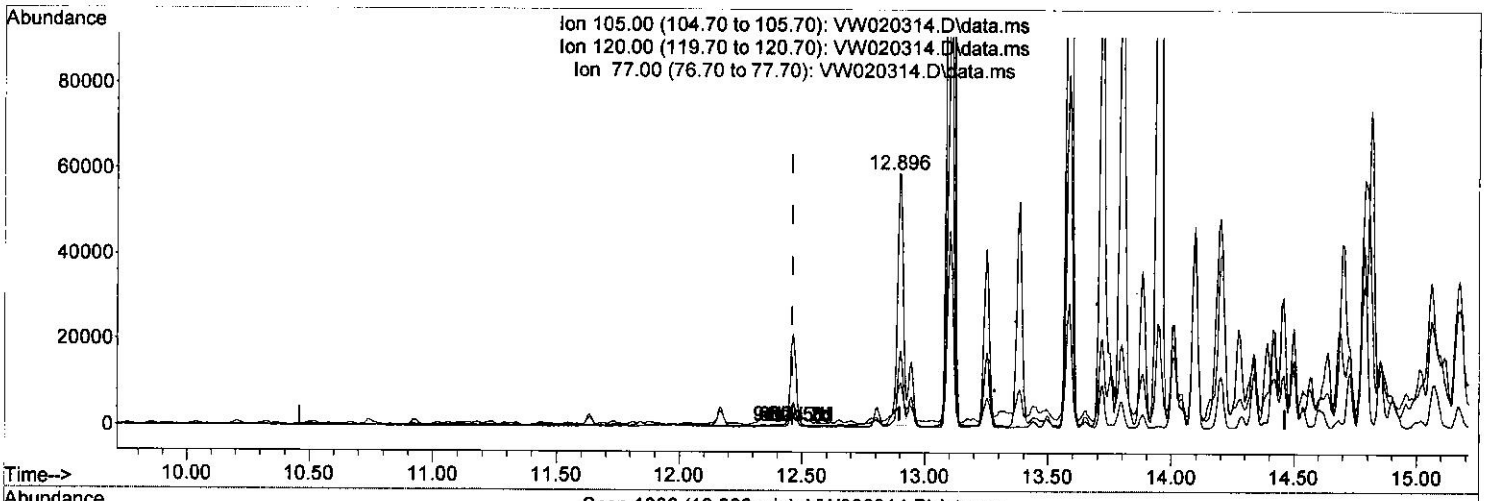


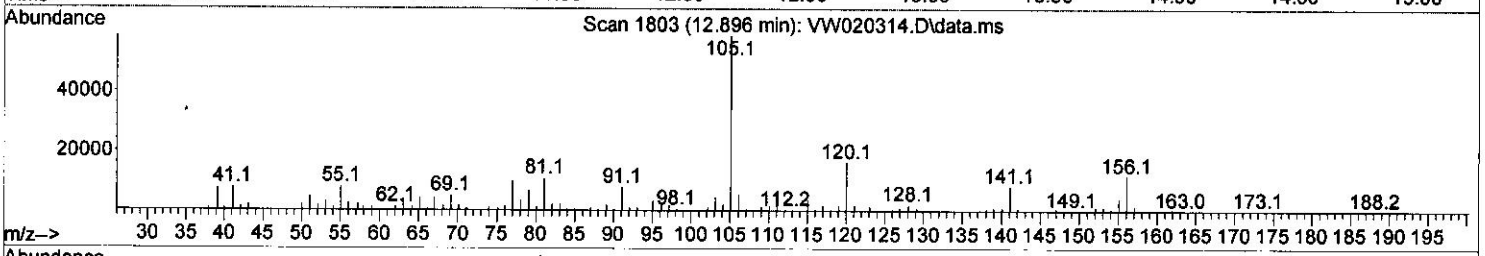


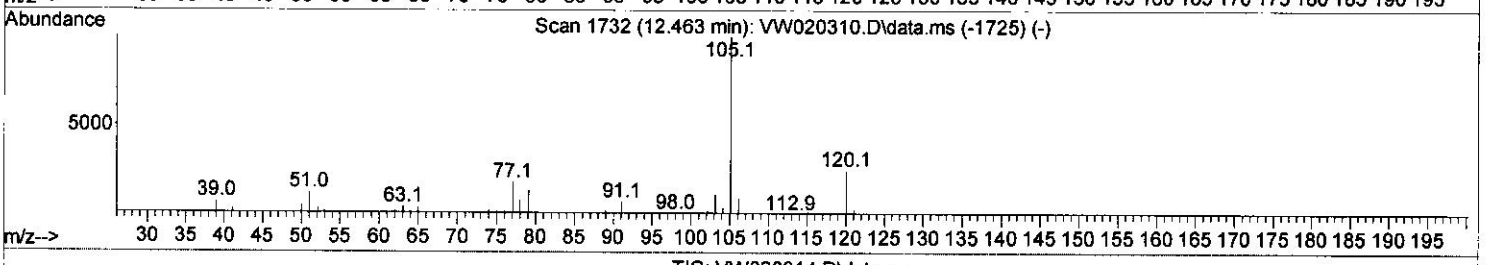


TIC: VW020314.D\data.ms

(60) Isopropylbenzene

12.896min (+ 0.433) 9.18 ug/L

response 98355

| Ion | Exp% | Act% |
|---|---|---|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 25.40 | 29.76 |
| 77.00 | 17.20 | 19.83 |
| 0.00 | 0.00 | 0.00 |

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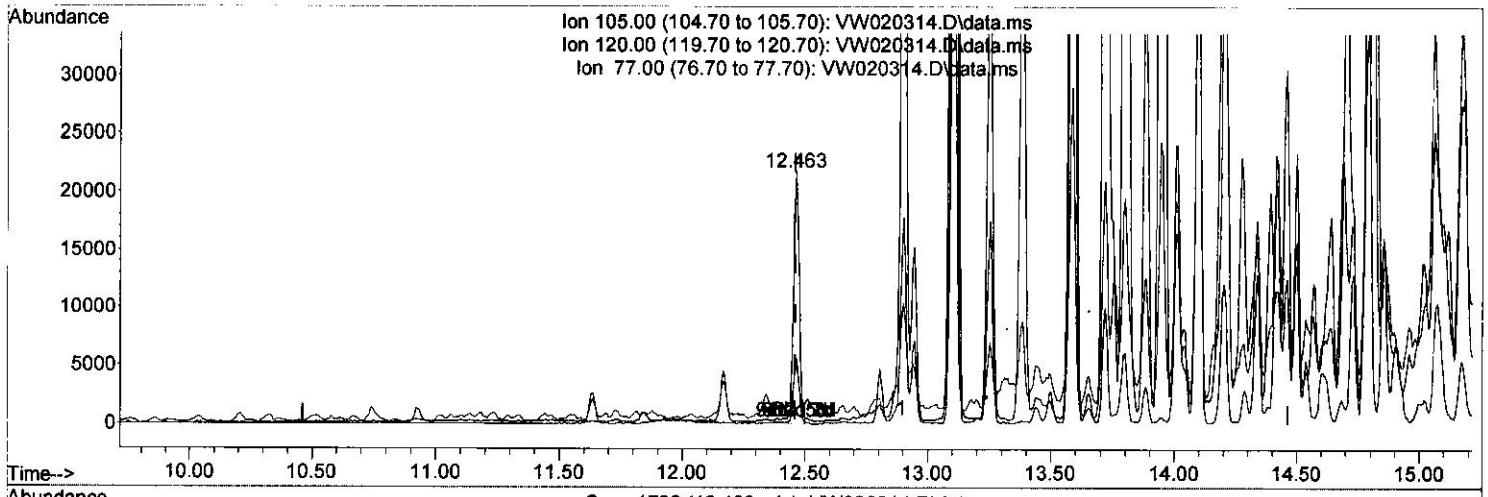
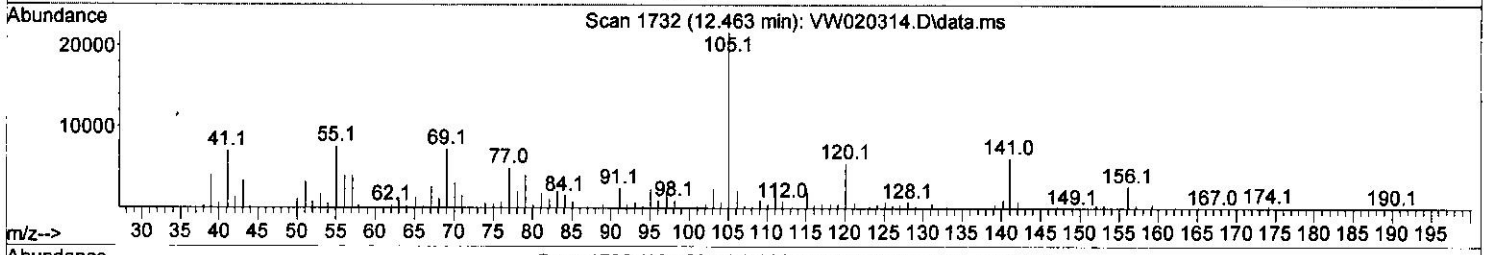
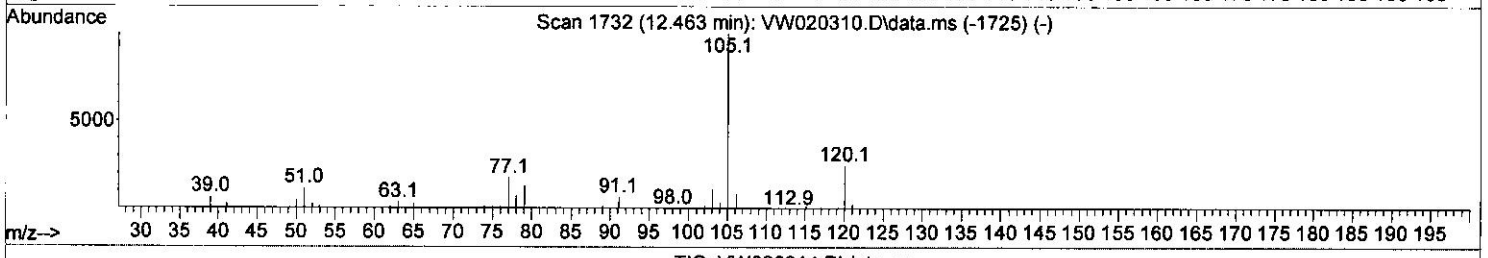
**Instrument :**
MSVOA_W
**ClientSampleId :**
EW8Y7

**Manual Integrations APPROVED**
MMDadoda
10/11/2021 2:06:10 PM




TIC: VW020314.D\data.ms

(60) Isopropylbenzene

12.463min (-0.000) 3.32 ug/L m

response 35543

| Ion | Exp% | Act% |
|---|---|---|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 25.40 | 82.35# |
| 77.00 | 17.20 | 54.87# |
| 0.00 | 0.00 | 0.00 |

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Quant Title : SFAM01.0
QLast Update : Thu Oct 07 01:49:38 2021
Response via : Initial Calibration

**Instrument :** MSVOA_W
**ClientSampleId :** EW8Y7

**Manual Integrations APPROVED**
MMDadoda
10/11/2021 2:06:10 PM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 8.841 | 114 | 259623 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.634 | 117 | 211490 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.560 | 152 | 72153 | 25.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.349 | 65 | 51673 | 14.441 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 57.760% | | | |
| 7) Chloroethane-d5 | 2.885 | 69 | 27609 | 17.807 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 71.240% | | | |
| 11) 1,1-Dichloroethene-d2 | 4.013 | 63 | 82629 | 11.214 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 44.840%# | | | |
| 21) 2-Butanone-d5 | 7.086 | 46 | 16083 | 17.694 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 35.380% | | | |
| 24) Chloroform-d | 7.653 | 84 | 168583 | 22.614 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 90.440% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.311 | 65 | 99960 | 24.501 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 98.000% | | | |
| 32) Benzene-d6 | 8.275 | 84 | 310762 | 24.269 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 97.080% | | | |
| 36) 1,2-Dichloropropane-d6 | 9.274 | 67 | 111796 | 27.525 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 110.120% | | | |
| 41) Toluene-d8 | 10.323 | 98 | 242853 | 20.940 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 83.760% | | | |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79 | 24647 | 14.914 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 59.640% | | | |
| 47) 2-Hexanone-d5 | 10.926 | 63 | 11892 | 21.184 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 42.360% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84 | 68578 | 24.192 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 96.760% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.853 | 152 | 52438 | 20.755 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 83.000% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.141 | 43 | 7106 | 7.604 | ug/L | 94 |
| 14) Carbon disulfide | 4.385 | 76 | 3938 | 0.332 | ug/L | 97 |
| 15) Methyl Acetate | 4.684 | 43 | 2146 | 1.257 | ug/L | 93 |
| 16) Methylene chloride | 4.921 | 84 | 8089 | 1.745 | ug/L | 89 |
| 20) cis-1,2-Dichloroethene | 7.171 | 96 | 11014 | 2.848 | ug/L | 92 |
| 29) Cyclohexane | 7.951 | 56 | 14775 | 2.350 | ug/L | 89 |
| 34) Trichloroethene | 9.098 | 95 | 6003 | 1.659 | ug/L | 94 |
| 35) Methylcyclohexane | 9.335 | 83 | 57844 | 9.165 | ug/L # | 86 |
| 42) Toluene | 10.390 | 91 | 9882 | 0.668 | ug/L | 99 |
| 46) Tetrachloroethene | 10.866 | 164 | 2494 | 0.937 | ug/L | 86 |
| 52) Ethylbenzene | 11.731 | 91 | 6601 | 0.409 | ug/L | 91 |
| 53) m,p-Xylene | 11.841 | 106 | 3729 | 0.625 | ug/L | 99 |
| 54) o-Xylene | 12.164 | 106 | 17171 | 3.074 | ug/L | 94 |
| 60) Isopropylbenzene | 12.463 | 105 | 35543m | 3.318 | ug/L | |
| 62) 1,3,5-Trimethylbenzene | 12.944 | 105 | 21044 | 2.428 | ug/L | 97 |
| 63) 1,2,4-Trimethylbenzene | 13.249 | 105 | 63507 | 7.332 | ug/L | 97 |

MD 10/11/21