

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090618\  
 Data File : VU026592.D  
 Acq On : 06 Sep 2018 21:12  
 Operator : MD/SY  
 Sample : J4749-11  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E5FB1

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082918WMA.M  
 Title : VOC Analysis

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.395       | 62            | 69          | 83           | rBV      | 87506          | 91544         | 16.22%          | 2.054%        |
| 2         | 1.678       | 150           | 157         | 172          | rVB      | 69109          | 87690         | 15.54%          | 1.968%        |
| 3         | 2.270       | 331           | 341         | 353          | rBV      | 134827         | 200148        | 35.47%          | 4.491%        |
| 4         | 2.389       | 376           | 378         | 380          | rBV      | 310            | 149           | 0.03%           | 0.003%        |
| 5         | 2.447       | 389           | 396         | 402          | rBV5     | 1305           | 1918          | 0.34%           | 0.043%        |
| 6         | 2.611       | 443           | 447         | 448          | rBV2     | 205            | 153           | 0.03%           | 0.003%        |
| 7         | 2.839       | 511           | 518         | 523          | rBV2     | 723            | 1079          | 0.19%           | 0.024%        |
| 8         | 2.906       | 536           | 539         | 541          | rBV      | 139            | 63            | 0.01%           | 0.001%        |
| 9         | 2.942       | 546           | 550         | 555          | rVB2     | 182            | 162           | 0.03%           | 0.004%        |
| 10        | 2.980       | 559           | 562         | 563          | rBV      | 273            | 138           | 0.02%           | 0.003%        |
| 11        | 3.029       | 575           | 577         | 583          | rVB2     | 153            | 118           | 0.02%           | 0.003%        |
| 12        | 3.176       | 621           | 623         | 624          | rBV2     | 131            | 70            | 0.01%           | 0.002%        |
| 13        | 3.257       | 644           | 648         | 650          | rBV      | 99             | 79            | 0.01%           | 0.002%        |
| 14        | 3.311       | 663           | 665         | 668          | rVB      | 125            | 53            | 0.01%           | 0.001%        |
| 15        | 3.392       | 687           | 690         | 695          | rVB2     | 198            | 170           | 0.03%           | 0.004%        |
| 16        | 3.421       | 695           | 699         | 703          | rBV2     | 223            | 221           | 0.04%           | 0.005%        |
| 17        | 3.450       | 705           | 708         | 709          | rBV      | 161            | 88            | 0.02%           | 0.002%        |
| 18        | 3.668       | 773           | 776         | 778          | rBV      | 98             | 74            | 0.01%           | 0.002%        |
| 19        | 3.707       | 785           | 788         | 791          | rBV      | 64             | 62            | 0.01%           | 0.001%        |
| 20        | 3.739       | 796           | 798         | 801          | rVV2     | 141            | 81            | 0.01%           | 0.002%        |
| 21        | 3.774       | 804           | 809         | 810          | rBV      | 76             | 61            | 0.01%           | 0.001%        |
| 22        | 3.829       | 822           | 826         | 828          | rBV      | 163            | 91            | 0.02%           | 0.002%        |
| 23        | 3.887       | 840           | 844         | 845          | rBV      | 140            | 61            | 0.01%           | 0.001%        |
| 24        | 3.935       | 856           | 859         | 861          | rBV2     | 162            | 97            | 0.02%           | 0.002%        |
| 25        | 3.961       | 861           | 867         | 869          | rBV2     | 170            | 141           | 0.02%           | 0.003%        |
| 26        | 4.115       | 910           | 915         | 917          | rBV      | 214            | 198           | 0.04%           | 0.004%        |
| 27        | 4.180       | 921           | 935         | 970          | rVV      | 54688          | 167290        | 29.65%          | 3.754%        |
| 28        | 4.401       | 1003          | 1004        | 1007         | rBV      | 324            | 167           | 0.03%           | 0.004%        |
| 29        | 4.537       | 1043          | 1046        | 1049         | rBV      | 178            | 94            | 0.02%           | 0.002%        |
| 30        | 4.553       | 1049          | 1051        | 1055         | rVB      | 168            | 89            | 0.02%           | 0.002%        |
| 31        | 4.582       | 1055          | 1060        | 1062         | rBV      | 55             | 55            | 0.01%           | 0.001%        |
| 32        | 4.649       | 1063          | 1081        | 1105         | rBV      | 97046          | 223342        | 39.58%          | 5.012%        |
| 33        | 4.954       | 1173          | 1176        | 1184         | rVB2     | 183            | 170           | 0.03%           | 0.004%        |
| 34        | 4.987       | 1184          | 1186        | 1187         | rBV      | 253            | 125           | 0.02%           | 0.003%        |

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 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082918WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |         |         |
|----|-------|------|------|------|------|--------|--------|---------|---------|
| 35 | 5.057 | 1205 | 1208 | 1212 | rVB  | 85     | 53     | 0.01%   | 0.001%  |
| 36 | 5.077 | 1212 | 1214 | 1216 | rBV  | 161    | 73     | 0.01%   | 0.002%  |
| 37 | 5.344 | 1273 | 1297 | 1324 | rBV2 | 192547 | 564244 | 100.00% | 12.661% |
| 38 | 5.475 | 1333 | 1338 | 1341 | rVB  | 187    | 169    | 0.03%   | 0.004%  |
| 39 | 5.504 | 1341 | 1347 | 1351 | rVB  | 81     | 89     | 0.02%   | 0.002%  |
| 40 | 5.549 | 1358 | 1361 | 1365 | rBV  | 62     | 64     | 0.01%   | 0.001%  |
| 41 | 5.662 | 1394 | 1396 | 1404 | rVB  | 161    | 89     | 0.02%   | 0.002%  |
| 42 | 5.713 | 1408 | 1412 | 1416 | rBV  | 78     | 76     | 0.01%   | 0.002%  |
| 43 | 5.765 | 1424 | 1428 | 1431 | rBV  | 52     | 50     | 0.01%   | 0.001%  |
| 44 | 5.797 | 1431 | 1438 | 1446 | rVB  | 339    | 613    | 0.11%   | 0.014%  |
| 45 | 5.887 | 1451 | 1466 | 1486 | rBV  | 176515 | 343184 | 60.82%  | 7.701%  |
| 46 | 6.189 | 1547 | 1560 | 1583 | rVB  | 121600 | 231864 | 41.09%  | 5.203%  |
| 47 | 6.334 | 1590 | 1605 | 1625 | rBV2 | 132592 | 262164 | 46.46%  | 5.883%  |
| 48 | 6.414 | 1627 | 1630 | 1634 | rBV2 | 319    | 226    | 0.04%   | 0.005%  |
| 49 | 6.462 | 1642 | 1645 | 1648 | rVB2 | 206    | 139    | 0.02%   | 0.003%  |
| 50 | 6.517 | 1660 | 1662 | 1665 | rVB  | 135    | 64     | 0.01%   | 0.001%  |
| 51 | 6.562 | 1672 | 1676 | 1681 | rBV  | 106    | 86     | 0.02%   | 0.002%  |
| 52 | 6.790 | 1741 | 1747 | 1751 | rBV  | 77     | 95     | 0.02%   | 0.002%  |
| 53 | 6.826 | 1752 | 1758 | 1767 | rBV4 | 899    | 1504   | 0.27%   | 0.034%  |
| 54 | 6.932 | 1789 | 1791 | 1793 | rVB  | 133    | 53     | 0.01%   | 0.001%  |
| 55 | 6.964 | 1799 | 1801 | 1808 | rVB  | 202    | 128    | 0.02%   | 0.003%  |
| 56 | 7.067 | 1829 | 1833 | 1840 | rBV  | 75     | 90     | 0.02%   | 0.002%  |
| 57 | 7.102 | 1840 | 1844 | 1846 | rBV  | 141    | 95     | 0.02%   | 0.002%  |
| 58 | 7.157 | 1858 | 1861 | 1865 | rVB  | 90     | 59     | 0.01%   | 0.001%  |
| 59 | 7.231 | 1871 | 1884 | 1899 | rBV  | 69167  | 120401 | 21.34%  | 2.702%  |
| 60 | 7.318 | 1907 | 1911 | 1913 | rVB  | 110    | 93     | 0.02%   | 0.002%  |
| 61 | 7.376 | 1924 | 1929 | 1931 | rBV2 | 233    | 268    | 0.05%   | 0.006%  |
| 62 | 7.466 | 1955 | 1957 | 1960 | rVB2 | 175    | 98     | 0.02%   | 0.002%  |
| 63 | 7.569 | 1975 | 1989 | 2005 | rBV  | 245018 | 418556 | 74.18%  | 9.392%  |
| 64 | 7.851 | 2066 | 2077 | 2097 | rVV  | 49373  | 80275  | 14.23%  | 1.801%  |
| 65 | 7.922 | 2097 | 2099 | 2103 | rVB  | 198    | 106    | 0.02%   | 0.002%  |
| 66 | 7.967 | 2109 | 2113 | 2115 | rBV  | 97     | 79     | 0.01%   | 0.002%  |
| 67 | 8.022 | 2125 | 2130 | 2136 | rBV2 | 365    | 504    | 0.09%   | 0.011%  |
| 68 | 8.109 | 2155 | 2157 | 2164 | rVB2 | 253    | 285    | 0.05%   | 0.006%  |
| 69 | 8.183 | 2168 | 2180 | 2188 | rBV4 | 6142   | 11827  | 2.10%   | 0.265%  |
| 70 | 8.314 | 2210 | 2221 | 2239 | rBV  | 177876 | 299730 | 53.12%  | 6.726%  |
| 71 | 8.504 | 2278 | 2280 | 2290 | rVB2 | 201    | 264    | 0.05%   | 0.006%  |

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 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082918WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 8.559  | 2294 | 2297 | 2298 | rBV  | 190    | 114    | 0.02%  | 0.003% |
| 73  | 8.601  | 2307 | 2310 | 2312 | rBV  | 79     | 50     | 0.01%  | 0.001% |
| 74  | 8.636  | 2316 | 2321 | 2324 | rBV  | 109    | 104    | 0.02%  | 0.002% |
| 75  | 8.681  | 2331 | 2335 | 2338 | rBV  | 85     | 76     | 0.01%  | 0.002% |
| 76  | 8.781  | 2364 | 2366 | 2369 | rVB  | 202    | 89     | 0.02%  | 0.002% |
| 77  | 8.819  | 2375 | 2378 | 2381 | rVB  | 217    | 120    | 0.02%  | 0.003% |
| 78  | 8.887  | 2396 | 2399 | 2402 | rBV  | 170    | 92     | 0.02%  | 0.002% |
| 79  | 8.932  | 2411 | 2413 | 2416 | rBV  | 82     | 50     | 0.01%  | 0.001% |
| 80  | 9.093  | 2450 | 2463 | 2481 | rBV  | 242787 | 400857 | 71.04% | 8.995% |
| 81  | 9.331  | 2534 | 2537 | 2539 | rBV  | 74     | 50     | 0.01%  | 0.001% |
| 82  | 9.478  | 2580 | 2583 | 2585 | rBV  | 167    | 81     | 0.01%  | 0.002% |
| 83  | 9.858  | 2698 | 2701 | 2703 | rVB  | 167    | 91     | 0.02%  | 0.002% |
| 84  | 10.015 | 2748 | 2750 | 2753 | rBV  | 153    | 61     | 0.01%  | 0.001% |
| 85  | 10.076 | 2767 | 2769 | 2772 | rBV  | 174    | 120    | 0.02%  | 0.003% |
| 86  | 10.385 | 2863 | 2865 | 2868 | rBV  | 120    | 78     | 0.01%  | 0.002% |
| 87  | 10.433 | 2868 | 2880 | 2898 | rVB  | 179068 | 279477 | 49.53% | 6.271% |
| 88  | 10.581 | 2924 | 2926 | 2927 | rBV  | 109    | 62     | 0.01%  | 0.001% |
| 89  | 10.610 | 2927 | 2935 | 2948 | rVB3 | 2750   | 4504   | 0.80%  | 0.101% |
| 90  | 10.765 | 2981 | 2983 | 2987 | rBV  | 180    | 93     | 0.02%  | 0.002% |
| 91  | 10.784 | 2987 | 2989 | 2992 | rVB  | 130    | 55     | 0.01%  | 0.001% |
| 92  | 11.073 | 3077 | 3079 | 3084 | rBV  | 188    | 105    | 0.02%  | 0.002% |
| 93  | 11.485 | 3196 | 3207 | 3225 | rBV  | 206314 | 318191 | 56.39% | 7.140% |
| 94  | 11.642 | 3253 | 3256 | 3260 | rVB  | 189    | 95     | 0.02%  | 0.002% |
| 95  | 11.861 | 3312 | 3324 | 3347 | rBV  | 209438 | 336246 | 59.59% | 7.545% |
| 96  | 12.128 | 3405 | 3407 | 3411 | rBV  | 175    | 111    | 0.02%  | 0.002% |
| 97  | 12.478 | 3509 | 3516 | 3518 | rBV  | 746    | 834    | 0.15%  | 0.019% |
| 98  | 12.665 | 3571 | 3574 | 3578 | rBV  | 228    | 207    | 0.04%  | 0.005% |
| 99  | 13.192 | 3735 | 3738 | 3740 | rBV  | 211    | 114    | 0.02%  | 0.003% |
| 100 | 14.453 | 4126 | 4130 | 4134 | rBV2 | 453    | 471    | 0.08%  | 0.011% |

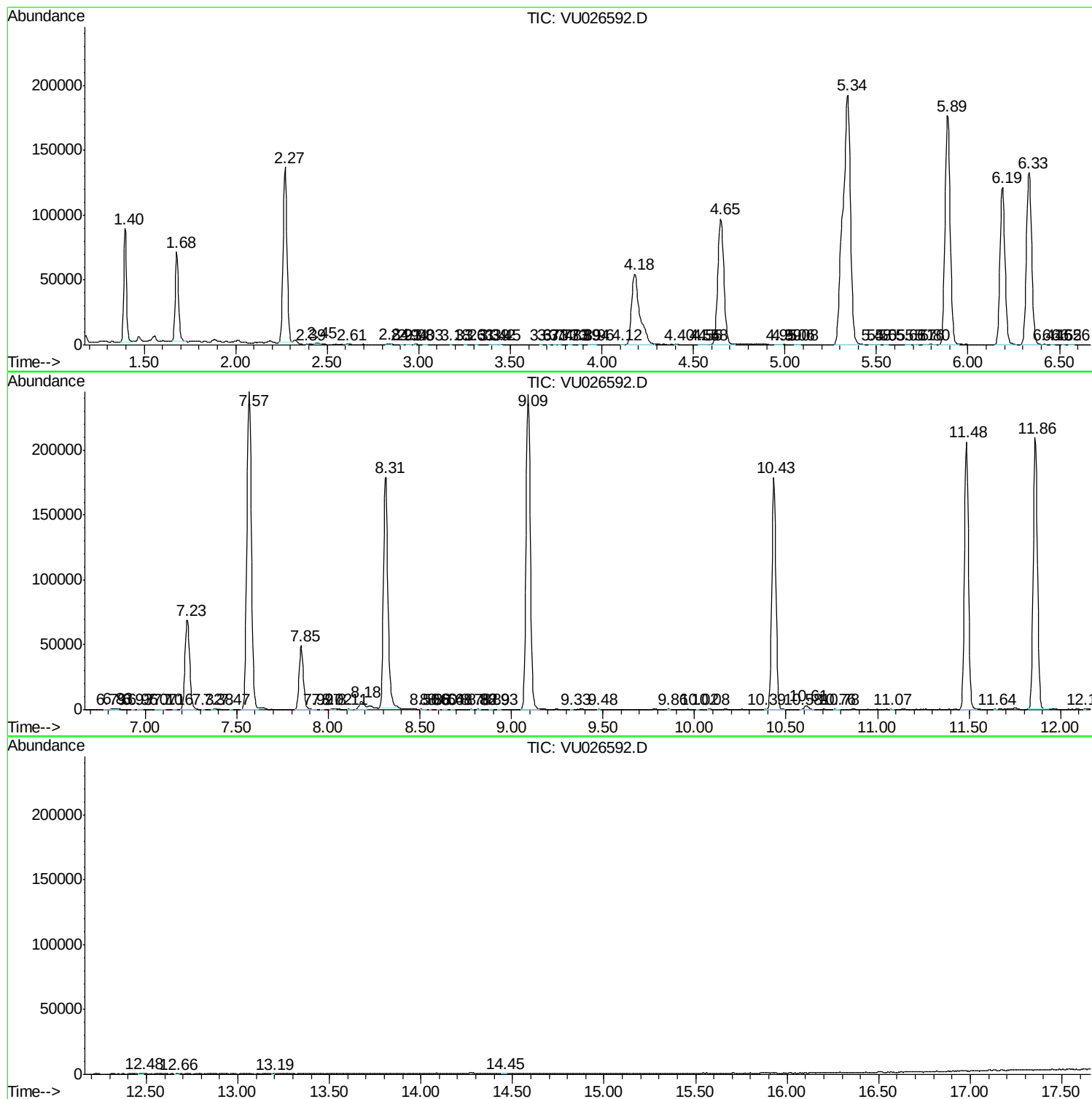
Sum of corrected areas: 4456396

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Instrument :  
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ClientSampled :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082918WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU090618\  
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TIC Library : C:\DATABASE\NIST11.L  
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No Library Search Compounds Detected

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| TIC Top Hit name | RT | EstConc | Units | Response | ---Internal Standard--- |
|------------------|----|---------|-------|----------|-------------------------|
|                  |    |         |       |          | # RT Resp Conc          |