

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091818\  
 Data File : VU026853.D  
 Acq On : 18 Sep 2018 11:45  
 Operator : MD/SY  
 Sample : J4896-04  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C08T5

## 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\SOMULM091718WMA.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         | 1.398       | 63            | 70          | 86           | rVB      | 113349         | 117334        | 13.07%          | 1.803%        |
| 2         | 1.678       | 150           | 157         | 178          | rVB      | 95386          | 123054        | 13.71%          | 1.891%        |
| 3         | 2.273       | 332           | 342         | 353          | rBV      | 191683         | 288348        | 32.13%          | 4.432%        |
| 4         | 2.443       | 387           | 395         | 409          | rVB      | 12176          | 20350         | 2.27%           | 0.313%        |
| 5         | 2.778       | 496           | 499         | 502          | rBV2     | 260            | 203           | 0.02%           | 0.003%        |
| 6         | 2.987       | 561           | 564         | 567          | rBV2     | 265            | 154           | 0.02%           | 0.002%        |
| 7         | 3.035       | 576           | 579         | 582          | rBV      | 223            | 157           | 0.02%           | 0.002%        |
| 8         | 3.090       | 594           | 596         | 598          | rBV      | 132            | 42            | 0.00%           | 0.001%        |
| 9         | 3.157       | 615           | 617         | 620          | rBV2     | 223            | 150           | 0.02%           | 0.002%        |
| 10        | 3.173       | 620           | 622         | 624          | rBV      | 317            | 147           | 0.02%           | 0.002%        |
| 11        | 3.308       | 662           | 664         | 666          | rBV      | 126            | 71            | 0.01%           | 0.001%        |
| 12        | 3.389       | 684           | 689         | 693          | rVB2     | 253            | 242           | 0.03%           | 0.004%        |
| 13        | 3.549       | 737           | 739         | 741          | rVV2     | 120            | 59            | 0.01%           | 0.001%        |
| 14        | 3.594       | 750           | 753         | 755          | rBV2     | 147            | 88            | 0.01%           | 0.001%        |
| 15        | 3.672       | 776           | 777         | 778          | rBV      | 109            | 41            | 0.00%           | 0.001%        |
| 16        | 3.726       | 792           | 794         | 798          | rVB      | 163            | 100           | 0.01%           | 0.002%        |
| 17        | 3.765       | 804           | 806         | 808          | rBV      | 150            | 47            | 0.01%           | 0.001%        |
| 18        | 3.778       | 808           | 810         | 813          | rVB      | 161            | 88            | 0.01%           | 0.001%        |
| 19        | 3.865       | 836           | 837         | 840          | rVB      | 199            | 92            | 0.01%           | 0.001%        |
| 20        | 3.887       | 841           | 844         | 847          | rVB2     | 199            | 146           | 0.02%           | 0.002%        |
| 21        | 3.922       | 853           | 855         | 858          | rVB      | 131            | 62            | 0.01%           | 0.001%        |
| 22        | 3.948       | 860           | 863         | 868          | rBV2     | 173            | 166           | 0.02%           | 0.003%        |
| 23        | 3.987       | 873           | 875         | 877          | rVB      | 135            | 56            | 0.01%           | 0.001%        |
| 24        | 4.022       | 883           | 886         | 890          | rVB      | 169            | 121           | 0.01%           | 0.002%        |
| 25        | 4.096       | 906           | 909         | 912          | rVB      | 215            | 166           | 0.02%           | 0.003%        |
| 26        | 4.122       | 912           | 917         | 920          | rBV2     | 185            | 214           | 0.02%           | 0.003%        |
| 27        | 4.180       | 920           | 935         | 965          | rBV      | 78446          | 205092        | 22.85%          | 3.152%        |
| 28        | 4.392       | 994           | 1001        | 1019         | rVB4     | 3773           | 7676          | 0.86%           | 0.118%        |
| 29        | 4.488       | 1029          | 1031        | 1035         | rBV      | 128            | 75            | 0.01%           | 0.001%        |
| 30        | 4.504       | 1035          | 1036        | 1040         | rVB      | 328            | 121           | 0.01%           | 0.002%        |
| 31        | 4.530       | 1041          | 1044        | 1045         | rBV      | 81             | 47            | 0.01%           | 0.001%        |
| 32        | 4.649       | 1063          | 1081        | 1102         | rBV      | 152732         | 356529        | 39.73%          | 5.479%        |
| 33        | 4.993       | 1180          | 1188        | 1193         | rVV2     | 345            | 452           | 0.05%           | 0.007%        |
| 34        | 5.035       | 1198          | 1201        | 1207         | rVB2     | 168            | 120           | 0.01%           | 0.002%        |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091718WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |         |         |
|----|-------|------|------|------|------|--------|--------|---------|---------|
| 35 | 5.064 | 1207 | 1210 | 1211 | rBV  | 72     | 43     | 0.00%   | 0.001%  |
| 36 | 5.077 | 1211 | 1214 | 1216 | rVB  | 181    | 95     | 0.01%   | 0.001%  |
| 37 | 5.115 | 1223 | 1226 | 1227 | rBV  | 137    | 60     | 0.01%   | 0.001%  |
| 38 | 5.160 | 1235 | 1240 | 1244 | rBV  | 152    | 187    | 0.02%   | 0.003%  |
| 39 | 5.340 | 1271 | 1296 | 1320 | rBV2 | 304831 | 897491 | 100.00% | 13.793% |
| 40 | 5.527 | 1352 | 1354 | 1357 | rBV  | 183    | 72     | 0.01%   | 0.001%  |
| 41 | 5.662 | 1394 | 1396 | 1399 | rVB2 | 158    | 90     | 0.01%   | 0.001%  |
| 42 | 5.688 | 1400 | 1404 | 1405 | rVV  | 159    | 94     | 0.01%   | 0.001%  |
| 43 | 5.710 | 1409 | 1411 | 1414 | rVB  | 173    | 70     | 0.01%   | 0.001%  |
| 44 | 5.742 | 1419 | 1421 | 1422 | rVB  | 164    | 50     | 0.01%   | 0.001%  |
| 45 | 5.781 | 1430 | 1433 | 1435 | rBV  | 167    | 91     | 0.01%   | 0.001%  |
| 46 | 5.887 | 1451 | 1466 | 1492 | rBV  | 255048 | 498363 | 55.53%  | 7.659%  |
| 47 | 6.118 | 1536 | 1538 | 1542 | rVB  | 198    | 94     | 0.01%   | 0.001%  |
| 48 | 6.138 | 1542 | 1544 | 1545 | rBV  | 138    | 42     | 0.00%   | 0.001%  |
| 49 | 6.147 | 1545 | 1547 | 1550 | rVV2 | 185    | 115    | 0.01%   | 0.002%  |
| 50 | 6.173 | 1552 | 1555 | 1556 | rBV  | 282    | 166    | 0.02%   | 0.003%  |
| 51 | 6.331 | 1590 | 1604 | 1623 | rBV  | 208964 | 416130 | 46.37%  | 6.395%  |
| 52 | 6.501 | 1655 | 1657 | 1659 | rBV  | 167    | 80     | 0.01%   | 0.001%  |
| 53 | 6.540 | 1665 | 1669 | 1670 | rBV  | 184    | 144    | 0.02%   | 0.002%  |
| 54 | 6.623 | 1692 | 1695 | 1700 | rBV  | 161    | 106    | 0.01%   | 0.002%  |
| 55 | 6.662 | 1706 | 1707 | 1710 | rVB  | 186    | 77     | 0.01%   | 0.001%  |
| 56 | 6.716 | 1721 | 1724 | 1726 | rVB  | 153    | 111    | 0.01%   | 0.002%  |
| 57 | 6.758 | 1733 | 1737 | 1740 | rVB  | 222    | 181    | 0.02%   | 0.003%  |
| 58 | 6.781 | 1740 | 1744 | 1745 | rBV  | 178    | 62     | 0.01%   | 0.001%  |
| 59 | 6.855 | 1763 | 1767 | 1771 | rBV3 | 558    | 569    | 0.06%   | 0.009%  |
| 60 | 6.987 | 1805 | 1808 | 1811 | rVB  | 146    | 88     | 0.01%   | 0.001%  |
| 61 | 7.012 | 1811 | 1816 | 1819 | rBV  | 107    | 116    | 0.01%   | 0.002%  |
| 62 | 7.131 | 1850 | 1853 | 1855 | rVV  | 135    | 57     | 0.01%   | 0.001%  |
| 63 | 7.141 | 1855 | 1856 | 1860 | rVB  | 130    | 50     | 0.01%   | 0.001%  |
| 64 | 7.231 | 1872 | 1884 | 1907 | rBV  | 103324 | 182307 | 20.31%  | 2.802%  |
| 65 | 7.324 | 1912 | 1913 | 1916 | rVB  | 134    | 67     | 0.01%   | 0.001%  |
| 66 | 7.434 | 1944 | 1947 | 1948 | rBV  | 106    | 42     | 0.00%   | 0.001%  |
| 67 | 7.459 | 1953 | 1955 | 1957 | rVB  | 145    | 76     | 0.01%   | 0.001%  |
| 68 | 7.569 | 1975 | 1989 | 2008 | rBV  | 391555 | 673744 | 75.07%  | 10.355% |
| 69 | 7.765 | 2046 | 2050 | 2055 | rVB2 | 364    | 290    | 0.03%   | 0.004%  |
| 70 | 7.794 | 2055 | 2059 | 2062 | rBV2 | 193    | 183    | 0.02%   | 0.003%  |
| 71 | 7.851 | 2066 | 2077 | 2095 | rVV  | 73867  | 125294 | 13.96%  | 1.926%  |

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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\SOMULM091718WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 7.938  | 2102 | 2104 | 2107 | rVB  | 330    | 159    | 0.02%  | 0.002% |
| 73  | 7.977  | 2113 | 2116 | 2120 | rBV  | 138    | 117    | 0.01%  | 0.002% |
| 74  | 8.003  | 2120 | 2124 | 2126 | rVV3 | 227    | 185    | 0.02%  | 0.003% |
| 75  | 8.067  | 2137 | 2144 | 2146 | rBV2 | 202    | 245    | 0.03%  | 0.004% |
| 76  | 8.183  | 2170 | 2180 | 2185 | rBV3 | 1949   | 3194   | 0.36%  | 0.049% |
| 77  | 8.315  | 2209 | 2221 | 2254 | rBV  | 251587 | 435967 | 48.58% | 6.700% |
| 78  | 8.546  | 2291 | 2293 | 2295 | rVB  | 230    | 71     | 0.01%  | 0.001% |
| 79  | 8.594  | 2305 | 2308 | 2310 | rBV  | 269    | 113    | 0.01%  | 0.002% |
| 80  | 8.620  | 2315 | 2316 | 2319 | rVB  | 266    | 104    | 0.01%  | 0.002% |
| 81  | 8.633  | 2319 | 2320 | 2324 | rBV  | 119    | 83     | 0.01%  | 0.001% |
| 82  | 8.687  | 2335 | 2337 | 2338 | rBV  | 194    | 83     | 0.01%  | 0.001% |
| 83  | 8.732  | 2349 | 2351 | 2354 | rBV  | 181    | 108    | 0.01%  | 0.002% |
| 84  | 8.832  | 2378 | 2382 | 2386 | rBV2 | 234    | 237    | 0.03%  | 0.004% |
| 85  | 9.089  | 2449 | 2462 | 2488 | rBV  | 371002 | 607066 | 67.64% | 9.330% |
| 86  | 9.295  | 2524 | 2526 | 2532 | rVB2 | 317    | 232    | 0.03%  | 0.004% |
| 87  | 9.446  | 2569 | 2573 | 2579 | rBV2 | 246    | 254    | 0.03%  | 0.004% |
| 88  | 9.498  | 2588 | 2589 | 2591 | rVB2 | 228    | 81     | 0.01%  | 0.001% |
| 89  | 9.511  | 2591 | 2593 | 2595 | rBV  | 137    | 77     | 0.01%  | 0.001% |
| 90  | 9.774  | 2672 | 2675 | 2680 | rVB  | 251    | 187    | 0.02%  | 0.003% |
| 91  | 9.945  | 2723 | 2728 | 2732 | rBV  | 146    | 192    | 0.02%  | 0.003% |
| 92  | 10.125 | 2782 | 2784 | 2790 | rVB  | 159    | 83     | 0.01%  | 0.001% |
| 93  | 10.298 | 2836 | 2838 | 2839 | rBV  | 157    | 45     | 0.01%  | 0.001% |
| 94  | 10.433 | 2868 | 2880 | 2900 | rBV  | 286351 | 449219 | 50.05% | 6.904% |
| 95  | 11.160 | 3103 | 3106 | 3108 | rBV  | 214    | 113    | 0.01%  | 0.002% |
| 96  | 11.485 | 3195 | 3207 | 3225 | rBV  | 316731 | 486292 | 54.18% | 7.474% |
| 97  | 11.588 | 3236 | 3239 | 3244 | rBV3 | 457    | 404    | 0.05%  | 0.006% |
| 98  | 11.748 | 3281 | 3289 | 3305 | rBV4 | 7863   | 13521  | 1.51%  | 0.208% |
| 99  | 11.861 | 3312 | 3324 | 3346 | rBV  | 375294 | 589144 | 65.64% | 9.054% |
| 100 | 13.514 | 3835 | 3838 | 3844 | rBV4 | 418    | 424    | 0.05%  | 0.007% |

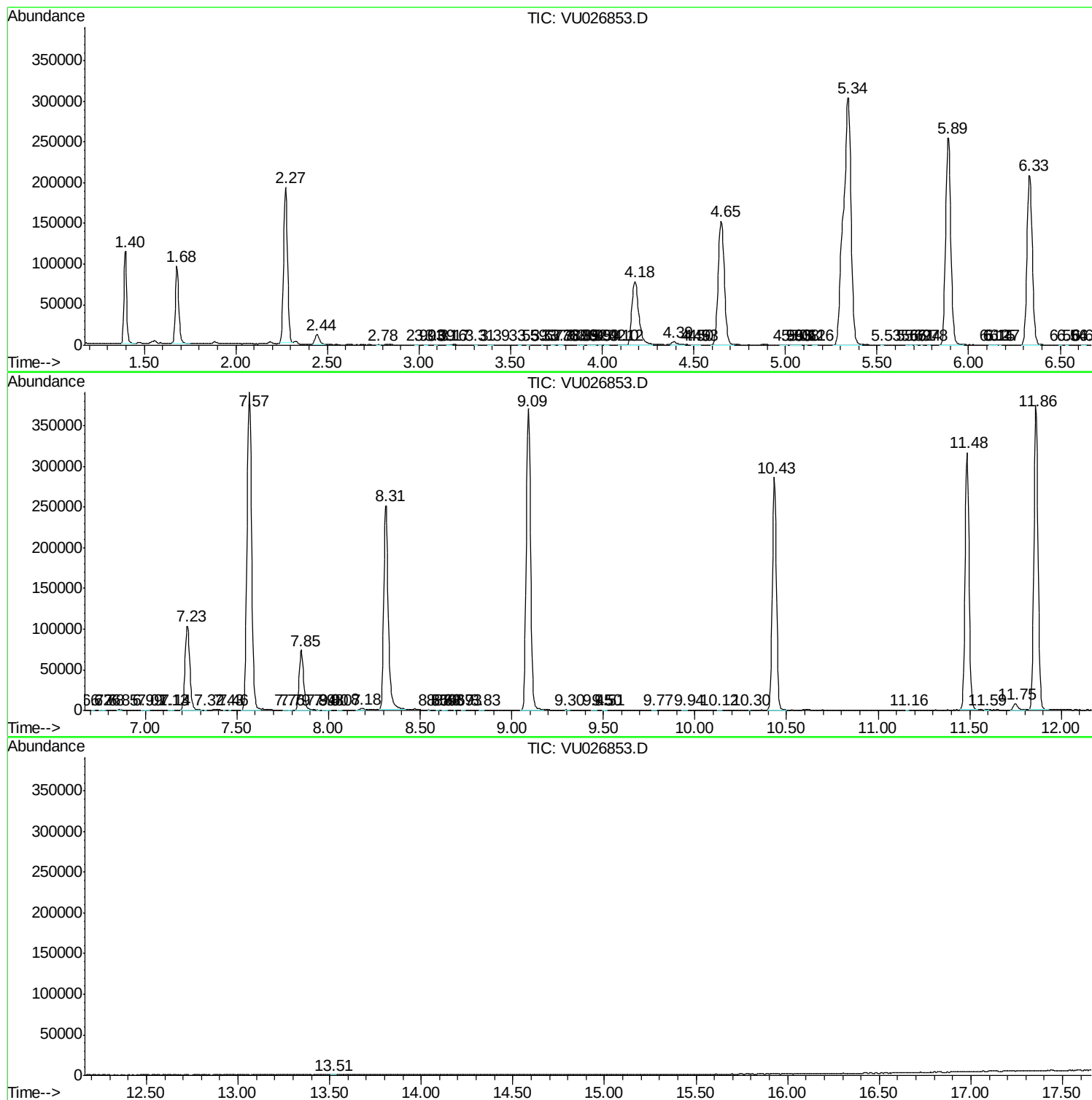
Sum of corrected areas: 6506707

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ClientSampled :  
C08T5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091718WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU091818\  
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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        |