

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091818\  
 Data File : VU026857.D  
 Acq On : 18 Sep 2018 13:18  
 Operator : MD/SY  
 Sample : J4896-07 50X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C08L0

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         | 1.395       | 63            | 69          | 85           | rBV      | 117695         | 124451        | 2.60%           | 0.705%        |
| 2         | 1.678       | 150           | 157         | 176          | rVB      | 99907          | 130927        | 2.74%           | 0.742%        |
| 3         | 2.270       | 331           | 341         | 355          | rVB      | 203081         | 307108        | 6.42%           | 1.741%        |
| 4         | 2.701       | 469           | 475         | 477          | rBV2     | 713            | 816           | 0.02%           | 0.005%        |
| 5         | 2.765       | 491           | 495         | 497          | rBV2     | 280            | 226           | 0.00%           | 0.001%        |
| 6         | 2.922       | 541           | 544         | 546          | rBV2     | 209            | 143           | 0.00%           | 0.001%        |
| 7         | 3.012       | 570           | 572         | 574          | rBV      | 154            | 52            | 0.00%           | 0.000%        |
| 8         | 3.025       | 574           | 576         | 579          | rVB      | 296            | 190           | 0.00%           | 0.001%        |
| 9         | 3.180       | 621           | 624         | 628          | rVV2     | 206            | 167           | 0.00%           | 0.001%        |
| 10        | 3.199       | 628           | 630         | 634          | rVB      | 303            | 188           | 0.00%           | 0.001%        |
| 11        | 3.263       | 647           | 650         | 651          | rBV      | 200            | 116           | 0.00%           | 0.001%        |
| 12        | 3.295       | 657           | 660         | 663          | rBV      | 216            | 136           | 0.00%           | 0.001%        |
| 13        | 3.382       | 684           | 687         | 692          | rVB2     | 168            | 157           | 0.00%           | 0.001%        |
| 14        | 3.453       | 706           | 709         | 714          | rBV      | 188            | 170           | 0.00%           | 0.001%        |
| 15        | 3.520       | 727           | 730         | 732          | rBV      | 222            | 131           | 0.00%           | 0.001%        |
| 16        | 3.656       | 766           | 772         | 775          | rBV      | 145            | 163           | 0.00%           | 0.001%        |
| 17        | 3.688       | 780           | 782         | 784          | rVB      | 161            | 48            | 0.00%           | 0.000%        |
| 18        | 3.733       | 793           | 796         | 802          | rBV2     | 294            | 220           | 0.00%           | 0.001%        |
| 19        | 3.810       | 818           | 820         | 822          | rVV      | 144            | 62            | 0.00%           | 0.000%        |
| 20        | 3.884       | 841           | 843         | 845          | rBV      | 119            | 80            | 0.00%           | 0.000%        |
| 21        | 3.919       | 853           | 854         | 856          | rVB      | 122            | 44            | 0.00%           | 0.000%        |
| 22        | 3.932       | 856           | 858         | 861          | rBV      | 114            | 53            | 0.00%           | 0.000%        |
| 23        | 4.057       | 893           | 897         | 901          | rBV      | 93             | 103           | 0.00%           | 0.001%        |
| 24        | 4.096       | 906           | 909         | 913          | rBV      | 192            | 155           | 0.00%           | 0.001%        |
| 25        | 4.119       | 913           | 916         | 920          | rVB      | 83             | 64            | 0.00%           | 0.000%        |
| 26        | 4.180       | 920           | 935         | 968          | rBV      | 84399          | 224687        | 4.70%           | 1.274%        |
| 27        | 4.472       | 1021          | 1026        | 1030         | rBV2     | 294            | 310           | 0.01%           | 0.002%        |
| 28        | 4.508       | 1035          | 1037        | 1042         | rVV      | 174            | 110           | 0.00%           | 0.001%        |
| 29        | 4.530       | 1042          | 1044        | 1047         | rVB      | 144            | 65            | 0.00%           | 0.000%        |
| 30        | 4.591       | 1059          | 1063        | 1064         | rBV      | 103            | 66            | 0.00%           | 0.000%        |
| 31        | 4.649       | 1064          | 1081        | 1112         | rVV      | 158649         | 377572        | 7.90%           | 2.140%        |
| 32        | 4.884       | 1148          | 1154        | 1163         | rVB4     | 751            | 1249          | 0.03%           | 0.007%        |
| 33        | 4.951       | 1171          | 1175        | 1179         | rBV2     | 249            | 192           | 0.00%           | 0.001%        |
| 34        | 4.983       | 1182          | 1185        | 1193         | rVV3     | 437            | 443           | 0.01%           | 0.003%        |

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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\SOMULM091718WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |        |
|----|-------|------|------|------|------|--------|--------|--------|--------|
| 35 | 5.196 | 1248 | 1251 | 1255 | rVB  | 81     | 59     | 0.00%  | 0.000% |
| 36 | 5.221 | 1255 | 1259 | 1263 | rBV  | 89     | 83     | 0.00%  | 0.000% |
| 37 | 5.340 | 1271 | 1296 | 1305 | rBV2 | 320454 | 951713 | 19.91% | 5.395% |
| 38 | 5.559 | 1362 | 1364 | 1366 | rBV  | 173    | 75     | 0.00%  | 0.000% |
| 39 | 5.569 | 1366 | 1367 | 1370 | rVV  | 219    | 86     | 0.00%  | 0.000% |
| 40 | 5.598 | 1374 | 1376 | 1377 | rBV  | 120    | 49     | 0.00%  | 0.000% |
| 41 | 5.620 | 1380 | 1383 | 1386 | rVB  | 88     | 54     | 0.00%  | 0.000% |
| 42 | 5.768 | 1423 | 1429 | 1432 | rBV  | 99     | 104    | 0.00%  | 0.001% |
| 43 | 5.887 | 1451 | 1466 | 1495 | rBV  | 286220 | 557276 | 11.66% | 3.159% |
| 44 | 6.180 | 1552 | 1557 | 1560 | rBV3 | 343    | 264    | 0.01%  | 0.001% |
| 45 | 6.228 | 1570 | 1572 | 1576 | rVB  | 230    | 110    | 0.00%  | 0.001% |
| 46 | 6.334 | 1589 | 1605 | 1625 | rBV  | 218032 | 434699 | 9.09%  | 2.464% |
| 47 | 6.424 | 1631 | 1633 | 1640 | rVB2 | 309    | 180    | 0.00%  | 0.001% |
| 48 | 6.459 | 1640 | 1644 | 1647 | rBV2 | 420    | 340    | 0.01%  | 0.002% |
| 49 | 6.495 | 1651 | 1655 | 1659 | rBV  | 102    | 101    | 0.00%  | 0.001% |
| 50 | 6.575 | 1678 | 1680 | 1682 | rBV  | 188    | 91     | 0.00%  | 0.001% |
| 51 | 6.733 | 1727 | 1729 | 1732 | rVV  | 117    | 57     | 0.00%  | 0.000% |
| 52 | 6.752 | 1733 | 1735 | 1738 | rVB  | 171    | 55     | 0.00%  | 0.000% |
| 53 | 6.835 | 1758 | 1761 | 1762 | rBV  | 186    | 86     | 0.00%  | 0.000% |
| 54 | 6.999 | 1809 | 1812 | 1816 | rVB  | 106    | 83     | 0.00%  | 0.000% |
| 55 | 7.032 | 1819 | 1822 | 1824 | rBV  | 165    | 88     | 0.00%  | 0.000% |
| 56 | 7.064 | 1829 | 1832 | 1836 | rVV  | 128    | 131    | 0.00%  | 0.001% |
| 57 | 7.089 | 1839 | 1840 | 1843 | rVV  | 180    | 70     | 0.00%  | 0.000% |
| 58 | 7.106 | 1843 | 1845 | 1849 | rVB  | 128    | 54     | 0.00%  | 0.000% |
| 59 | 7.183 | 1866 | 1869 | 1871 | rBV  | 115    | 79     | 0.00%  | 0.000% |
| 60 | 7.228 | 1871 | 1883 | 1905 | rVV  | 107669 | 191354 | 4.00%  | 1.085% |
| 61 | 7.337 | 1915 | 1917 | 1923 | rBV2 | 286    | 239    | 0.00%  | 0.001% |
| 62 | 7.372 | 1925 | 1928 | 1929 | rBV  | 277    | 136    | 0.00%  | 0.001% |
| 63 | 7.401 | 1936 | 1937 | 1939 | rBV  | 287    | 77     | 0.00%  | 0.000% |
| 64 | 7.475 | 1957 | 1960 | 1962 | rVB  | 172    | 72     | 0.00%  | 0.000% |
| 65 | 7.569 | 1972 | 1989 | 2006 | rBV  | 417931 | 722822 | 15.12% | 4.097% |
| 66 | 7.761 | 2047 | 2049 | 2051 | rVB2 | 249    | 113    | 0.00%  | 0.001% |
| 67 | 7.851 | 2064 | 2077 | 2094 | rBV  | 77889  | 132263 | 2.77%  | 0.750% |
| 68 | 7.964 | 2108 | 2112 | 2115 | rBV2 | 397    | 330    | 0.01%  | 0.002% |
| 69 | 7.993 | 2119 | 2121 | 2125 | rVB2 | 241    | 138    | 0.00%  | 0.001% |
| 70 | 8.138 | 2164 | 2166 | 2171 | rVB  | 134    | 67     | 0.00%  | 0.000% |
| 71 | 8.179 | 2171 | 2179 | 2188 | rBV3 | 1469   | 3066   | 0.06%  | 0.017% |

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## Integration Parameters: LSCINT.P

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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

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 72  | 8.311  | 2208 | 2220 | 2246 | rBV  | 268887  | 458297  | 9.59%   | 2.598%  |
| 73  | 8.565  | 2297 | 2299 | 2300 | rBV  | 121     | 44      | 0.00%   | 0.000%  |
| 74  | 8.581  | 2302 | 2304 | 2306 | rVV2 | 405     | 232     | 0.00%   | 0.001%  |
| 75  | 8.620  | 2310 | 2316 | 2321 | rBV2 | 521     | 635     | 0.01%   | 0.004%  |
| 76  | 8.668  | 2329 | 2331 | 2333 | rVB  | 220     | 49      | 0.00%   | 0.000%  |
| 77  | 8.716  | 2343 | 2346 | 2348 | rBV2 | 181     | 147     | 0.00%   | 0.001%  |
| 78  | 8.774  | 2362 | 2364 | 2368 | rBV2 | 180     | 107     | 0.00%   | 0.001%  |
| 79  | 8.800  | 2370 | 2372 | 2373 | rBV2 | 109     | 47      | 0.00%   | 0.000%  |
| 80  | 8.826  | 2378 | 2380 | 2381 | rBV2 | 158     | 52      | 0.00%   | 0.000%  |
| 81  | 8.922  | 2407 | 2410 | 2411 | rBV2 | 206     | 91      | 0.00%   | 0.001%  |
| 82  | 8.961  | 2419 | 2422 | 2424 | rBV  | 194     | 81      | 0.00%   | 0.000%  |
| 83  | 9.118  | 2450 | 2471 | 2510 | rBV2 | 1185761 | 2596577 | 54.32%  | 14.718% |
| 84  | 9.305  | 2527 | 2529 | 2533 | rBV2 | 180     | 105     | 0.00%   | 0.001%  |
| 85  | 9.575  | 2610 | 2613 | 2617 | rBV  | 288     | 221     | 0.00%   | 0.001%  |
| 86  | 10.006 | 2745 | 2747 | 2750 | rBV  | 189     | 85      | 0.00%   | 0.000%  |
| 87  | 10.154 | 2791 | 2793 | 2796 | rVB  | 160     | 71      | 0.00%   | 0.000%  |
| 88  | 10.359 | 2853 | 2857 | 2861 | rBV2 | 619     | 614     | 0.01%   | 0.003%  |
| 89  | 10.433 | 2868 | 2880 | 2901 | rVB  | 296387  | 472694  | 9.89%   | 2.679%  |
| 90  | 10.610 | 2928 | 2935 | 2941 | rBV3 | 647     | 1137    | 0.02%   | 0.006%  |
| 91  | 10.652 | 2946 | 2948 | 2950 | rBV2 | 339     | 228     | 0.00%   | 0.001%  |
| 92  | 10.755 | 2977 | 2980 | 2983 | rBV  | 221     | 137     | 0.00%   | 0.001%  |
| 93  | 11.125 | 3092 | 3095 | 3099 | rBV2 | 338     | 212     | 0.00%   | 0.001%  |
| 94  | 11.417 | 3174 | 3186 | 3197 | rBV  | 474959  | 733473  | 15.34%  | 4.158%  |
| 95  | 11.507 | 3197 | 3214 | 3232 | rVB2 | 1693554 | 3195308 | 66.85%  | 18.112% |
| 96  | 11.880 | 3311 | 3330 | 3359 | rBV2 | 2710577 | 4780121 | 100.00% | 27.096% |
| 97  | 12.642 | 3560 | 3567 | 3575 | rBV7 | 2277    | 3362    | 0.07%   | 0.019%  |
| 98  | 13.504 | 3823 | 3835 | 3856 | rBV  | 489740  | 756333  | 15.82%  | 4.287%  |
| 99  | 13.990 | 3974 | 3986 | 4013 | rBV  | 280958  | 457309  | 9.57%   | 2.592%  |
| 100 | 15.655 | 4497 | 4504 | 4520 | rBV2 | 9226    | 16514   | 0.35%   | 0.094%  |

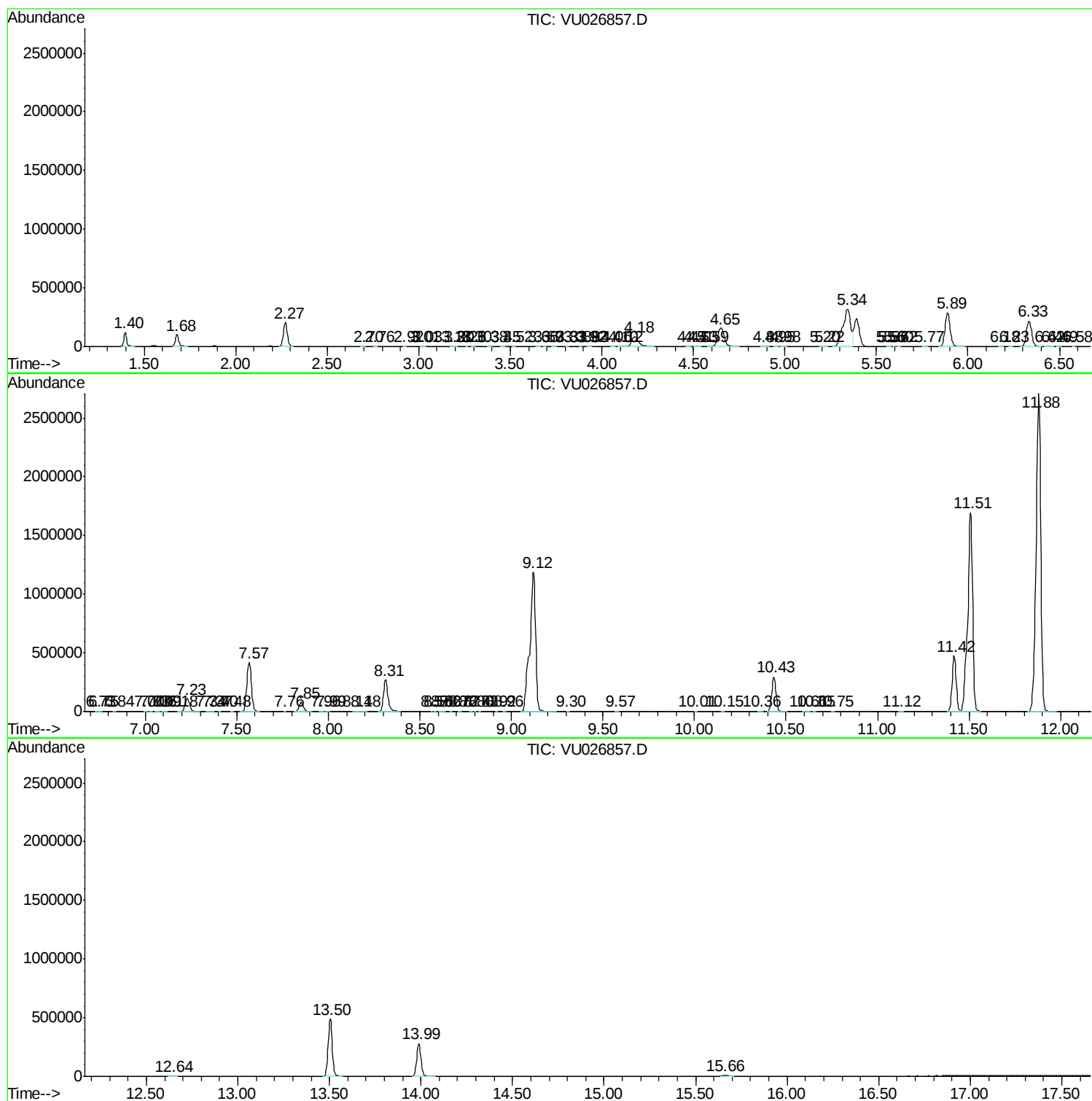
Sum of corrected areas: 17641611

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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



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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        |