

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082119\  
 Data File : VU033883.D  
 Acq On : 21 Aug 2019 19:45  
 Operator : JC/SP  
 Sample : K4420-15  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F2B72

## 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\SOMULM081619WMA.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         | 1.389       | 87            | 93          | 104          | rVB      | 233073         | 237518        | 15.52%          | 2.011%        |
| 2         | 1.669       | 173           | 180         | 195          | rVB      | 209781         | 253937        | 16.59%          | 2.150%        |
| 3         | 2.257       | 353           | 363         | 376          | rVB      | 345280         | 518050        | 33.85%          | 4.386%        |
| 4         | 2.563       | 455           | 458         | 464          | rVB3     | 442            | 474           | 0.03%           | 0.004%        |
| 5         | 2.608       | 464           | 472         | 474          | rBV3     | 772            | 948           | 0.06%           | 0.008%        |
| 6         | 2.852       | 543           | 548         | 550          | rBV      | 281            | 239           | 0.02%           | 0.002%        |
| 7         | 2.868       | 550           | 553         | 555          | rVB2     | 323            | 189           | 0.01%           | 0.002%        |
| 8         | 2.961       | 576           | 582         | 588          | rBV6     | 666            | 929           | 0.06%           | 0.008%        |
| 9         | 3.000       | 590           | 594         | 596          | rVB2     | 308            | 182           | 0.01%           | 0.002%        |
| 10        | 3.061       | 608           | 613         | 615          | rBV3     | 402            | 332           | 0.02%           | 0.003%        |
| 11        | 3.164       | 641           | 645         | 648          | rBV2     | 319            | 275           | 0.02%           | 0.002%        |
| 12        | 3.177       | 648           | 649         | 651          | rVV      | 265            | 92            | 0.01%           | 0.001%        |
| 13        | 3.203       | 655           | 657         | 658          | rBV      | 314            | 118           | 0.01%           | 0.001%        |
| 14        | 3.280       | 678           | 681         | 682          | rBV      | 114            | 58            | 0.00%           | 0.000%        |
| 15        | 3.296       | 684           | 686         | 687          | rBV      | 218            | 74            | 0.00%           | 0.001%        |
| 16        | 3.389       | 714           | 715         | 718          | rBV      | 256            | 162           | 0.01%           | 0.001%        |
| 17        | 3.444       | 728           | 732         | 736          | rBV2     | 205            | 144           | 0.01%           | 0.001%        |
| 18        | 3.473       | 739           | 741         | 742          | rVV      | 161            | 64            | 0.00%           | 0.001%        |
| 19        | 3.582       | 773           | 775         | 778          | rVB      | 288            | 161           | 0.01%           | 0.001%        |
| 20        | 3.598       | 778           | 780         | 782          | rBV      | 200            | 103           | 0.01%           | 0.001%        |
| 21        | 3.685       | 804           | 807         | 808          | rBV      | 156            | 91            | 0.01%           | 0.001%        |
| 22        | 3.740       | 821           | 824         | 826          | rBV2     | 191            | 129           | 0.01%           | 0.001%        |
| 23        | 3.772       | 831           | 834         | 836          | rBV      | 94             | 63            | 0.00%           | 0.001%        |
| 24        | 3.788       | 836           | 839         | 841          | rBV      | 162            | 119           | 0.01%           | 0.001%        |
| 25        | 3.823       | 848           | 850         | 851          | rBV      | 184            | 62            | 0.00%           | 0.001%        |
| 26        | 3.871       | 863           | 865         | 867          | rBV      | 151            | 70            | 0.00%           | 0.001%        |
| 27        | 3.891       | 867           | 871         | 873          | rBV2     | 169            | 116           | 0.01%           | 0.001%        |
| 28        | 3.904       | 873           | 875         | 877          | rBV      | 208            | 94            | 0.01%           | 0.001%        |
| 29        | 4.013       | 904           | 909         | 912          | rVB2     | 252            | 210           | 0.01%           | 0.002%        |
| 30        | 4.039       | 912           | 917         | 922          | rVB3     | 443            | 408           | 0.03%           | 0.003%        |
| 31        | 4.061       | 922           | 924         | 925          | rBV3     | 152            | 73            | 0.00%           | 0.001%        |
| 32        | 4.071       | 925           | 927         | 929          | rVB      | 193            | 87            | 0.01%           | 0.001%        |
| 33        | 4.090       | 929           | 933         | 934          | rBV2     | 215            | 130           | 0.01%           | 0.001%        |
| 34        | 4.151       | 940           | 952         | 985          | rBV      | 121810         | 412730        | 26.97%          | 3.495%        |

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 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\SOMULM081619WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |         |         |
|----|-------|------|------|------|------|--------|---------|---------|---------|
| 35 | 4.505 | 1059 | 1062 | 1065 | rVB2 | 473    | 220     | 0.01%   | 0.002%  |
| 36 | 4.621 | 1082 | 1098 | 1127 | rBV  | 262038 | 626554  | 40.94%  | 5.305%  |
| 37 | 4.804 | 1152 | 1155 | 1160 | rBV4 | 558    | 609     | 0.04%   | 0.005%  |
| 38 | 4.868 | 1167 | 1175 | 1183 | rBV6 | 1059   | 1927    | 0.13%   | 0.016%  |
| 39 | 5.048 | 1230 | 1231 | 1232 | rBV  | 179    | 50      | 0.00%   | 0.000%  |
| 40 | 5.093 | 1240 | 1245 | 1247 | rBV2 | 173    | 130     | 0.01%   | 0.001%  |
| 41 | 5.125 | 1252 | 1255 | 1259 | rVB  | 435    | 313     | 0.02%   | 0.003%  |
| 42 | 5.157 | 1259 | 1265 | 1266 | rBV  | 338    | 247     | 0.02%   | 0.002%  |
| 43 | 5.190 | 1272 | 1275 | 1277 | rBV2 | 175    | 113     | 0.01%   | 0.001%  |
| 44 | 5.215 | 1282 | 1283 | 1284 | rBV2 | 347    | 106     | 0.01%   | 0.001%  |
| 45 | 5.315 | 1290 | 1314 | 1342 | rBV2 | 513508 | 1530554 | 100.00% | 12.959% |
| 46 | 5.598 | 1400 | 1402 | 1406 | rBV2 | 392    | 299     | 0.02%   | 0.003%  |
| 47 | 5.707 | 1435 | 1436 | 1437 | rBV2 | 190    | 46      | 0.00%   | 0.000%  |
| 48 | 5.759 | 1449 | 1452 | 1455 | rBV2 | 333    | 223     | 0.01%   | 0.002%  |
| 49 | 5.788 | 1459 | 1461 | 1464 | rVB2 | 338    | 149     | 0.01%   | 0.001%  |
| 50 | 5.865 | 1471 | 1485 | 1514 | rBV  | 468884 | 942368  | 61.57%  | 7.979%  |
| 51 | 6.157 | 1567 | 1576 | 1595 | rVB4 | 8526   | 16957   | 1.11%   | 0.144%  |
| 52 | 6.257 | 1604 | 1607 | 1609 | rBV3 | 412    | 303     | 0.02%   | 0.003%  |
| 53 | 6.309 | 1609 | 1623 | 1648 | rVV  | 352230 | 710449  | 46.42%  | 6.016%  |
| 54 | 6.572 | 1703 | 1705 | 1709 | rVB2 | 361    | 258     | 0.02%   | 0.002%  |
| 55 | 6.608 | 1714 | 1716 | 1717 | rVV2 | 252    | 65      | 0.00%   | 0.001%  |
| 56 | 6.640 | 1723 | 1726 | 1732 | rVB2 | 352    | 341     | 0.02%   | 0.003%  |
| 57 | 6.675 | 1732 | 1737 | 1740 | rBV  | 290    | 257     | 0.02%   | 0.002%  |
| 58 | 6.694 | 1740 | 1743 | 1745 | rBV  | 324    | 207     | 0.01%   | 0.002%  |
| 59 | 6.746 | 1755 | 1759 | 1763 | rBV3 | 165    | 139     | 0.01%   | 0.001%  |
| 60 | 6.772 | 1764 | 1767 | 1769 | rVV2 | 233    | 140     | 0.01%   | 0.001%  |
| 61 | 6.858 | 1786 | 1794 | 1796 | rBV4 | 627    | 809     | 0.05%   | 0.007%  |
| 62 | 6.910 | 1807 | 1810 | 1811 | rBV  | 345    | 166     | 0.01%   | 0.001%  |
| 63 | 7.006 | 1836 | 1840 | 1842 | rBV2 | 366    | 226     | 0.01%   | 0.002%  |
| 64 | 7.058 | 1854 | 1856 | 1858 | rBV  | 153    | 90      | 0.01%   | 0.001%  |
| 65 | 7.116 | 1869 | 1874 | 1878 | rBV2 | 274    | 314     | 0.02%   | 0.003%  |
| 66 | 7.135 | 1878 | 1880 | 1882 | rBV  | 166    | 91      | 0.01%   | 0.001%  |
| 67 | 7.209 | 1891 | 1903 | 1927 | rBV  | 174946 | 320905  | 20.97%  | 2.717%  |
| 68 | 7.485 | 1987 | 1989 | 1993 | rBV2 | 412    | 383     | 0.03%   | 0.003%  |
| 69 | 7.546 | 1995 | 2008 | 2034 | rBV  | 644663 | 1147936 | 75.00%  | 9.720%  |
| 70 | 7.833 | 2086 | 2097 | 2122 | rBV  | 120845 | 219776  | 14.36%  | 1.861%  |
| 71 | 8.061 | 2165 | 2168 | 2175 | rBV2 | 491    | 438     | 0.03%   | 0.004%  |

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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\SOMULM081619WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 72 | 8.090  | 2175 | 2177 | 2178 | rVB  | 156    | 58      | 0.00%  | 0.000%  |
| 73 | 8.112  | 2182 | 2184 | 2185 | rBV  | 273    | 120     | 0.01%  | 0.001%  |
| 74 | 8.235  | 2220 | 2222 | 2229 | rBV2 | 378    | 327     | 0.02%  | 0.003%  |
| 75 | 8.296  | 2229 | 2241 | 2274 | rBV  | 372909 | 733864  | 47.95% | 6.214%  |
| 76 | 8.585  | 2329 | 2331 | 2332 | rBV  | 491    | 146     | 0.01%  | 0.001%  |
| 77 | 8.778  | 2389 | 2391 | 2394 | rVB2 | 579    | 248     | 0.02%  | 0.002%  |
| 78 | 8.794  | 2394 | 2396 | 2398 | rBV  | 266    | 141     | 0.01%  | 0.001%  |
| 79 | 8.810  | 2398 | 2401 | 2402 | rBV  | 317    | 166     | 0.01%  | 0.001%  |
| 80 | 8.823  | 2402 | 2405 | 2407 | rBV2 | 523    | 316     | 0.02%  | 0.003%  |
| 81 | 8.852  | 2412 | 2414 | 2415 | rBV  | 314    | 127     | 0.01%  | 0.001%  |
| 82 | 8.942  | 2441 | 2442 | 2444 | rBV2 | 366    | 188     | 0.01%  | 0.002%  |
| 83 | 8.997  | 2456 | 2459 | 2465 | rBV3 | 305    | 323     | 0.02%  | 0.003%  |
| 84 | 9.070  | 2469 | 2482 | 2511 | rBV  | 726202 | 1224642 | 80.01% | 10.369% |
| 85 | 9.292  | 2548 | 2551 | 2554 | rVB2 | 593    | 376     | 0.02%  | 0.003%  |
| 86 | 9.463  | 2602 | 2604 | 2605 | rBV2 | 182    | 69      | 0.00%  | 0.001%  |
| 87 | 9.714  | 2679 | 2682 | 2687 | rVB2 | 363    | 264     | 0.02%  | 0.002%  |
| 88 | 9.742  | 2687 | 2691 | 2696 | rBV2 | 465    | 355     | 0.02%  | 0.003%  |
| 89 | 9.807  | 2708 | 2711 | 2715 | rBV  | 411    | 339     | 0.02%  | 0.003%  |
| 90 | 10.109 | 2802 | 2805 | 2808 | rBV  | 473    | 279     | 0.02%  | 0.002%  |
| 91 | 10.415 | 2886 | 2900 | 2927 | rBV  | 513411 | 823943  | 53.83% | 6.976%  |
| 92 | 10.640 | 2968 | 2970 | 2975 | rVB2 | 444    | 341     | 0.02%  | 0.003%  |
| 93 | 10.669 | 2975 | 2979 | 2983 | rBV2 | 470    | 464     | 0.03%  | 0.004%  |
| 94 | 10.849 | 3033 | 3035 | 3039 | rBV  | 394    | 277     | 0.02%  | 0.002%  |
| 95 | 11.151 | 3125 | 3129 | 3132 | rBV2 | 331    | 267     | 0.02%  | 0.002%  |
| 96 | 11.466 | 3215 | 3227 | 3253 | rBV  | 631633 | 1022576 | 66.81% | 8.658%  |
| 97 | 11.842 | 3332 | 3344 | 3371 | rBV  | 631202 | 1047499 | 68.44% | 8.869%  |

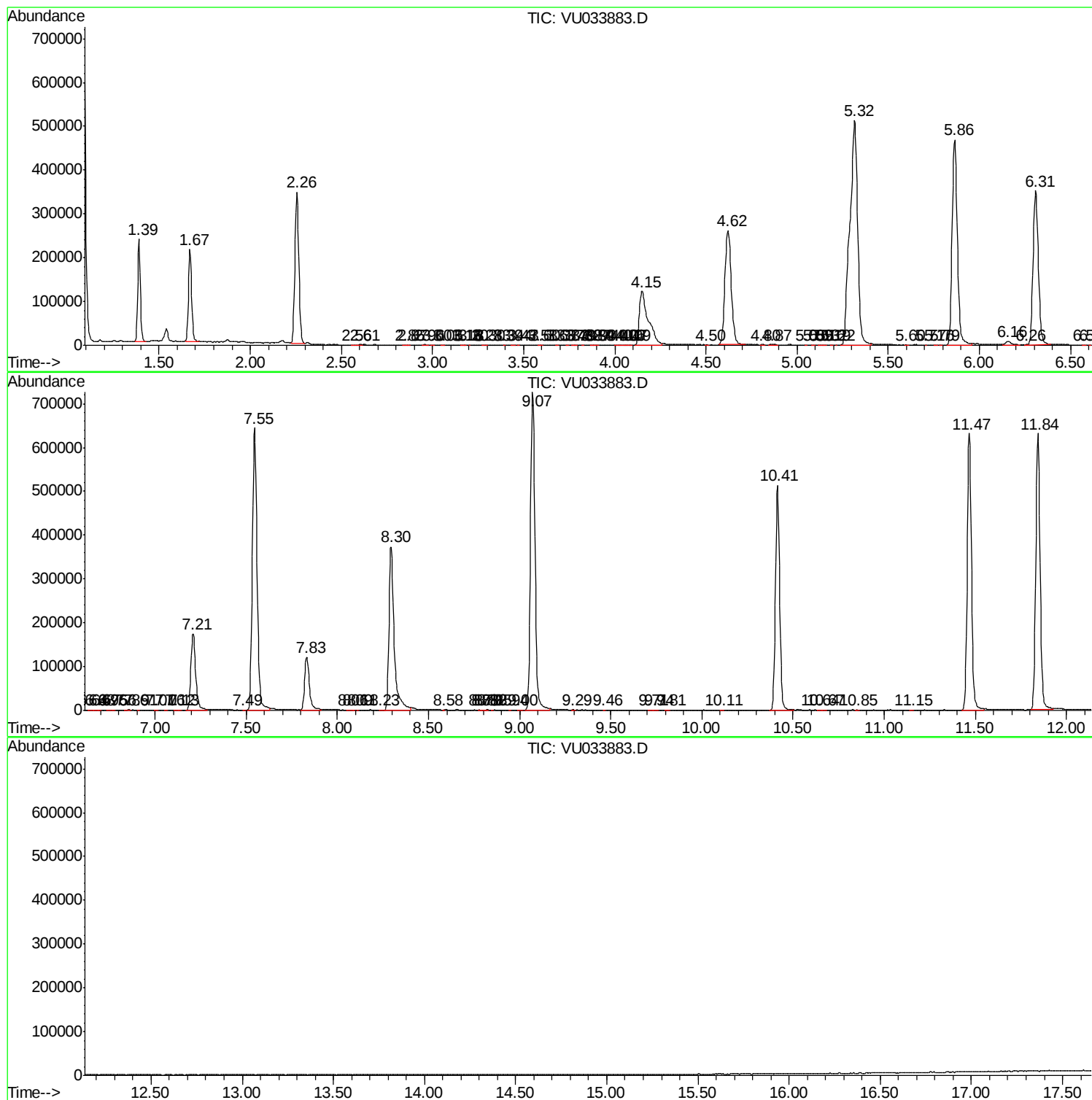
Sum of corrected areas: 11810304

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM081619WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU082119\  
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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        |