

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092118\  
 Data File : VU026926.D  
 Acq On : 20 Sep 2018 10:12  
 Operator : MD/SY  
 Sample : VU0921WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK47

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          | 83           | rBV      | 127576         | 130721        | 15.52%          | 2.121%        |
| 2         | 1.675       | 149           | 156         | 174          | rVB      | 95400          | 126031        | 14.96%          | 2.045%        |
| 3         | 2.270       | 331           | 341         | 353          | rBV      | 208087         | 313156        | 37.18%          | 5.081%        |
| 4         | 2.524       | 417           | 420         | 422          | rBV2     | 274            | 182           | 0.02%           | 0.003%        |
| 5         | 2.701       | 470           | 475         | 477          | rBV2     | 773            | 720           | 0.09%           | 0.012%        |
| 6         | 2.765       | 493           | 495         | 498          | rVB      | 161            | 58            | 0.01%           | 0.001%        |
| 7         | 2.832       | 508           | 516         | 520          | rBV2     | 889            | 1290          | 0.15%           | 0.021%        |
| 8         | 2.881       | 529           | 531         | 537          | rVB2     | 224            | 161           | 0.02%           | 0.003%        |
| 9         | 2.955       | 551           | 554         | 557          | rVB      | 183            | 108           | 0.01%           | 0.002%        |
| 10        | 2.987       | 557           | 564         | 567          | rVB3     | 603            | 600           | 0.07%           | 0.010%        |
| 11        | 3.006       | 567           | 570         | 574          | rBV2     | 323            | 236           | 0.03%           | 0.004%        |
| 12        | 3.093       | 594           | 597         | 603          | rVB      | 223            | 208           | 0.02%           | 0.003%        |
| 13        | 3.218       | 634           | 636         | 638          | rVB      | 184            | 59            | 0.01%           | 0.001%        |
| 14        | 3.250       | 643           | 646         | 649          | rVV      | 184            | 115           | 0.01%           | 0.002%        |
| 15        | 3.386       | 685           | 688         | 691          | rBV2     | 188            | 107           | 0.01%           | 0.002%        |
| 16        | 3.598       | 751           | 754         | 761          | rBV      | 93             | 95            | 0.01%           | 0.002%        |
| 17        | 3.643       | 766           | 768         | 771          | rBV2     | 135            | 83            | 0.01%           | 0.001%        |
| 18        | 3.678       | 777           | 779         | 784          | rBV      | 69             | 66            | 0.01%           | 0.001%        |
| 19        | 3.713       | 787           | 790         | 793          | rBV      | 80             | 59            | 0.01%           | 0.001%        |
| 20        | 3.746       | 797           | 800         | 805          | rBV      | 94             | 82            | 0.01%           | 0.001%        |
| 21        | 3.778       | 807           | 810         | 813          | rBV      | 120            | 97            | 0.01%           | 0.002%        |
| 22        | 3.922       | 853           | 855         | 858          | rVB      | 138            | 59            | 0.01%           | 0.001%        |
| 23        | 4.019       | 880           | 885         | 887          | rBV      | 113            | 105           | 0.01%           | 0.002%        |
| 24        | 4.176       | 920           | 934         | 959          | rBV      | 68297          | 176710        | 20.98%          | 2.867%        |
| 25        | 4.392       | 998           | 1001        | 1003         | rBV2     | 222            | 149           | 0.02%           | 0.002%        |
| 26        | 4.437       | 1013          | 1015        | 1019         | rVB      | 118            | 67            | 0.01%           | 0.001%        |
| 27        | 4.476       | 1024          | 1027        | 1029         | rBV      | 80             | 54            | 0.01%           | 0.001%        |
| 28        | 4.488       | 1029          | 1031        | 1039         | rVB      | 81             | 75            | 0.01%           | 0.001%        |
| 29        | 4.527       | 1039          | 1043        | 1049         | rVB      | 85             | 79            | 0.01%           | 0.001%        |
| 30        | 4.646       | 1064          | 1080        | 1109         | rBV      | 140070         | 325501        | 38.65%          | 5.281%        |
| 31        | 4.890       | 1147          | 1156        | 1161         | rVB3     | 520            | 1037          | 0.12%           | 0.017%        |
| 32        | 4.984       | 1180          | 1185        | 1190         | rVB3     | 399            | 366           | 0.04%           | 0.006%        |
| 33        | 5.157       | 1235          | 1239        | 1243         | rBV      | 194            | 78            | 0.01%           | 0.001%        |
| 34        | 5.257       | 1266          | 1270        | 1272         | rBV      | 77             | 54            | 0.01%           | 0.001%        |

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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 | 5.340 | 1272 | 1296 | 1317 | rBV2 | 292048 | 842221 | 100.00% | 13.664% |
| 36 | 5.492 | 1339 | 1343 | 1347 | rVB2 | 218    | 215    | 0.03%   | 0.003%  |
| 37 | 5.527 | 1352 | 1354 | 1358 | rVB  | 90     | 56     | 0.01%   | 0.001%  |
| 38 | 5.569 | 1363 | 1367 | 1370 | rBV  | 104    | 106    | 0.01%   | 0.002%  |
| 39 | 5.668 | 1395 | 1398 | 1399 | rBV  | 129    | 58     | 0.01%   | 0.001%  |
| 40 | 5.678 | 1399 | 1401 | 1404 | rVB  | 185    | 102    | 0.01%   | 0.002%  |
| 41 | 5.742 | 1419 | 1421 | 1423 | rBV  | 137    | 76     | 0.01%   | 0.001%  |
| 42 | 5.758 | 1423 | 1426 | 1429 | rVV  | 80     | 57     | 0.01%   | 0.001%  |
| 43 | 5.832 | 1442 | 1449 | 1451 | rBV  | 140    | 128    | 0.02%   | 0.002%  |
| 44 | 5.887 | 1451 | 1466 | 1493 | rBV  | 262925 | 509427 | 60.49%  | 8.265%  |
| 45 | 6.067 | 1520 | 1522 | 1525 | rVB  | 185    | 57     | 0.01%   | 0.001%  |
| 46 | 6.090 | 1526 | 1529 | 1532 | rBV2 | 202    | 143    | 0.02%   | 0.002%  |
| 47 | 6.176 | 1549 | 1556 | 1559 | rBV3 | 515    | 767    | 0.09%   | 0.012%  |
| 48 | 6.228 | 1570 | 1572 | 1577 | rBV  | 60     | 61     | 0.01%   | 0.001%  |
| 49 | 6.331 | 1589 | 1604 | 1626 | rVV  | 193069 | 381909 | 45.35%  | 6.196%  |
| 50 | 6.456 | 1640 | 1643 | 1644 | rBV  | 387    | 243    | 0.03%   | 0.004%  |
| 51 | 6.636 | 1693 | 1699 | 1705 | rVB  | 89     | 138    | 0.02%   | 0.002%  |
| 52 | 6.688 | 1708 | 1715 | 1716 | rVV  | 149    | 89     | 0.01%   | 0.001%  |
| 53 | 6.803 | 1742 | 1751 | 1755 | rBV  | 148    | 208    | 0.02%   | 0.003%  |
| 54 | 6.826 | 1756 | 1758 | 1761 | rVV  | 216    | 134    | 0.02%   | 0.002%  |
| 55 | 6.868 | 1765 | 1771 | 1777 | rVB2 | 266    | 389    | 0.05%   | 0.006%  |
| 56 | 6.897 | 1777 | 1780 | 1785 | rBV  | 118    | 107    | 0.01%   | 0.002%  |
| 57 | 7.000 | 1808 | 1812 | 1814 | rBV  | 107    | 85     | 0.01%   | 0.001%  |
| 58 | 7.045 | 1823 | 1826 | 1829 | rVB  | 104    | 67     | 0.01%   | 0.001%  |
| 59 | 7.086 | 1835 | 1839 | 1842 | rVB  | 168    | 97     | 0.01%   | 0.002%  |
| 60 | 7.112 | 1842 | 1847 | 1849 | rBV  | 183    | 114    | 0.01%   | 0.002%  |
| 61 | 7.147 | 1854 | 1858 | 1863 | rBV  | 121    | 161    | 0.02%   | 0.003%  |
| 62 | 7.228 | 1871 | 1883 | 1902 | rBV  | 101531 | 177259 | 21.05%  | 2.876%  |
| 63 | 7.360 | 1923 | 1924 | 1927 | rVB  | 171    | 65     | 0.01%   | 0.001%  |
| 64 | 7.382 | 1927 | 1931 | 1932 | rBV  | 155    | 83     | 0.01%   | 0.001%  |
| 65 | 7.440 | 1945 | 1949 | 1952 | rBV2 | 153    | 124    | 0.01%   | 0.002%  |
| 66 | 7.565 | 1974 | 1988 | 2006 | rBV  | 384664 | 653900 | 77.64%  | 10.609% |
| 67 | 7.848 | 2066 | 2076 | 2096 | rBV  | 69007  | 116881 | 13.88%  | 1.896%  |
| 68 | 7.961 | 2107 | 2111 | 2115 | rBV2 | 289    | 315    | 0.04%   | 0.005%  |
| 69 | 8.009 | 2123 | 2126 | 2128 | rBV  | 220    | 163    | 0.02%   | 0.003%  |
| 70 | 8.044 | 2133 | 2137 | 2139 | rBV  | 172    | 137    | 0.02%   | 0.002%  |
| 71 | 8.073 | 2144 | 2146 | 2147 | rBV  | 124    | 67     | 0.01%   | 0.001%  |

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 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  | 8.144  | 2164 | 2168 | 2170 | rVB2 | 255    | 153    | 0.02%  | 0.002% |
| 73  | 8.189  | 2170 | 2182 | 2189 | rBV2 | 692    | 1392   | 0.17%  | 0.023% |
| 74  | 8.311  | 2208 | 2220 | 2249 | rBV  | 214129 | 369354 | 43.85% | 5.992% |
| 75  | 8.546  | 2291 | 2293 | 2295 | rBV  | 109    | 63     | 0.01%  | 0.001% |
| 76  | 8.581  | 2302 | 2304 | 2306 | rBV2 | 164    | 119    | 0.01%  | 0.002% |
| 77  | 8.617  | 2312 | 2315 | 2322 | rBV3 | 476    | 568    | 0.07%  | 0.009% |
| 78  | 8.646  | 2322 | 2324 | 2326 | rVB  | 212    | 86     | 0.01%  | 0.001% |
| 79  | 8.662  | 2326 | 2329 | 2330 | rBV  | 181    | 80     | 0.01%  | 0.001% |
| 80  | 8.697  | 2335 | 2340 | 2342 | rBV2 | 181    | 159    | 0.02%  | 0.003% |
| 81  | 8.739  | 2350 | 2353 | 2358 | rVB  | 127    | 108    | 0.01%  | 0.002% |
| 82  | 8.768  | 2358 | 2362 | 2363 | rBV  | 96     | 68     | 0.01%  | 0.001% |
| 83  | 9.089  | 2449 | 2462 | 2489 | rBV  | 363211 | 596089 | 70.78% | 9.671% |
| 84  | 9.250  | 2509 | 2512 | 2515 | rBV2 | 309    | 257    | 0.03%  | 0.004% |
| 85  | 9.327  | 2531 | 2536 | 2538 | rBV  | 229    | 176    | 0.02%  | 0.003% |
| 86  | 9.379  | 2546 | 2552 | 2553 | rBV2 | 575    | 498    | 0.06%  | 0.008% |
| 87  | 9.462  | 2576 | 2578 | 2580 | rVV  | 143    | 59     | 0.01%  | 0.001% |
| 88  | 9.479  | 2580 | 2583 | 2588 | rVB  | 194    | 142    | 0.02%  | 0.002% |
| 89  | 9.787  | 2674 | 2679 | 2682 | rBV2 | 316    | 338    | 0.04%  | 0.005% |
| 90  | 9.823  | 2688 | 2690 | 2693 | rVB  | 165    | 55     | 0.01%  | 0.001% |
| 91  | 10.003 | 2743 | 2746 | 2749 | rBV  | 135    | 96     | 0.01%  | 0.002% |
| 92  | 10.122 | 2780 | 2783 | 2790 | rBV  | 223    | 218    | 0.03%  | 0.004% |
| 93  | 10.433 | 2868 | 2880 | 2898 | rBV  | 246861 | 389389 | 46.23% | 6.317% |
| 94  | 10.784 | 2986 | 2989 | 2991 | rBV  | 213    | 137    | 0.02%  | 0.002% |
| 95  | 11.314 | 3151 | 3154 | 3159 | rBV2 | 495    | 474    | 0.06%  | 0.008% |
| 96  | 11.485 | 3195 | 3207 | 3229 | rBV  | 314163 | 490087 | 58.19% | 7.951% |
| 97  | 11.691 | 3269 | 3271 | 3275 | rBV  | 259    | 120    | 0.01%  | 0.002% |
| 98  | 11.777 | 3296 | 3298 | 3300 | rBV  | 223    | 128    | 0.02%  | 0.002% |
| 99  | 11.861 | 3312 | 3324 | 3346 | rBV  | 341269 | 546969 | 64.94% | 8.874% |
| 100 | 12.893 | 3639 | 3645 | 3650 | rBV3 | 1071   | 1597   | 0.19%  | 0.026% |

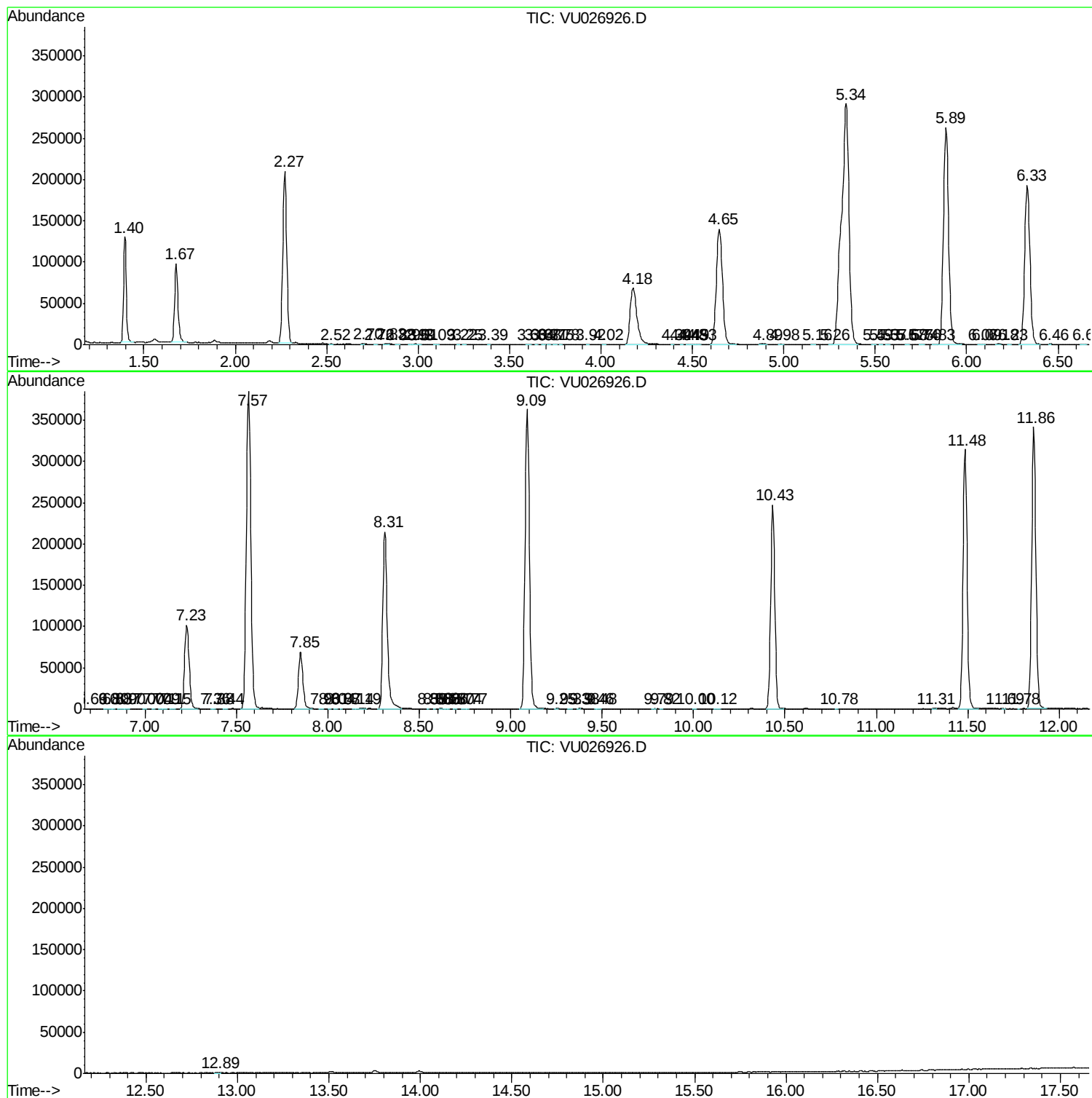
Sum of corrected areas: 6163756

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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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU092118\  
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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        |