

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091818\  
 Data File : VU026846.D  
 Acq On : 18 Sep 2018 08:55  
 Operator : MD/SY  
 Sample : J4890-07  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK02

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          | 83           | rVB      | 126749         | 130770        | 13.46%          | 1.867%        |
| 2         | 1.678       | 149           | 157         | 174          | rBV      | 100257         | 130178        | 13.40%          | 1.858%        |
| 3         | 2.273       | 331           | 342         | 356          | rBV      | 209975         | 317531        | 32.68%          | 4.533%        |
| 4         | 2.701       | 470           | 475         | 482          | rVB3     | 688            | 962           | 0.10%           | 0.014%        |
| 5         | 2.836       | 508           | 517         | 530          | rVB2     | 1887           | 3938          | 0.41%           | 0.056%        |
| 6         | 2.887       | 531           | 533         | 535          | rBV      | 135            | 72            | 0.01%           | 0.001%        |
| 7         | 2.919       | 540           | 543         | 545          | rBV      | 179            | 94            | 0.01%           | 0.001%        |
| 8         | 2.964       | 556           | 557         | 559          | rBV      | 204            | 94            | 0.01%           | 0.001%        |
| 9         | 3.016       | 570           | 573         | 576          | rBV      | 185            | 95            | 0.01%           | 0.001%        |
| 10        | 3.035       | 576           | 579         | 585          | rVB2     | 220            | 196           | 0.02%           | 0.003%        |
| 11        | 3.112       | 601           | 603         | 605          | rVB      | 167            | 65            | 0.01%           | 0.001%        |
| 12        | 3.141       | 608           | 612         | 613          | rBV      | 189            | 117           | 0.01%           | 0.002%        |
| 13        | 3.151       | 613           | 615         | 619          | rVB      | 222            | 122           | 0.01%           | 0.002%        |
| 14        | 3.186       | 623           | 626         | 629          | rBV2     | 219            | 130           | 0.01%           | 0.002%        |
| 15        | 3.221       | 635           | 637         | 639          | rBV      | 132            | 77            | 0.01%           | 0.001%        |
| 16        | 3.234       | 639           | 641         | 645          | rVV2     | 169            | 121           | 0.01%           | 0.002%        |
| 17        | 3.257       | 646           | 648         | 651          | rVB      | 196            | 71            | 0.01%           | 0.001%        |
| 18        | 3.347       | 673           | 676         | 677          | rBV      | 141            | 86            | 0.01%           | 0.001%        |
| 19        | 3.389       | 686           | 689         | 693          | rBV2     | 200            | 184           | 0.02%           | 0.003%        |
| 20        | 3.466       | 710           | 713         | 716          | rBV      | 119            | 81            | 0.01%           | 0.001%        |
| 21        | 3.533       | 732           | 734         | 740          | rVB2     | 176            | 111           | 0.01%           | 0.002%        |
| 22        | 3.681       | 777           | 780         | 785          | rBV      | 82             | 68            | 0.01%           | 0.001%        |
| 23        | 3.807       | 816           | 819         | 822          | rBV      | 113            | 67            | 0.01%           | 0.001%        |
| 24        | 3.836       | 825           | 828         | 832          | rVB      | 172            | 143           | 0.01%           | 0.002%        |
| 25        | 3.858       | 832           | 835         | 838          | rBV      | 108            | 93            | 0.01%           | 0.001%        |
| 26        | 3.955       | 861           | 865         | 867          | rBV      | 176            | 76            | 0.01%           | 0.001%        |
| 27        | 3.987       | 867           | 875         | 876          | rBV      | 100            | 113           | 0.01%           | 0.002%        |
| 28        | 4.064       | 897           | 899         | 900          | rBV      | 169            | 74            | 0.01%           | 0.001%        |
| 29        | 4.176       | 919           | 934         | 962          | rBV      | 83837          | 218629        | 22.50%          | 3.121%        |
| 30        | 4.472       | 1023          | 1026        | 1029         | rBV      | 213            | 130           | 0.01%           | 0.002%        |
| 31        | 4.492       | 1030          | 1032        | 1034         | rBV      | 136            | 81            | 0.01%           | 0.001%        |
| 32        | 4.649       | 1064          | 1081        | 1106         | rBV      | 164937         | 379575        | 39.07%          | 5.419%        |
| 33        | 4.887       | 1149          | 1155        | 1158         | rBV      | 400            | 447           | 0.05%           | 0.006%        |
| 34        | 4.942       | 1170          | 1172        | 1175         | rVB2     | 236            | 128           | 0.01%           | 0.002%        |

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## 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

|    |       |      |      |      |      |        |        |         |         |
|----|-------|------|------|------|------|--------|--------|---------|---------|
| 35 | 4.964 | 1175 | 1179 | 1181 | rBV  | 194    | 163    | 0.02%   | 0.002%  |
| 36 | 4.990 | 1184 | 1187 | 1189 | rVB  | 260    | 153    | 0.02%   | 0.002%  |
| 37 | 5.038 | 1199 | 1202 | 1205 | rBV  | 108    | 76     | 0.01%   | 0.001%  |
| 38 | 5.109 | 1221 | 1224 | 1230 | rBV  | 70     | 83     | 0.01%   | 0.001%  |
| 39 | 5.160 | 1234 | 1240 | 1243 | rBV  | 117    | 107    | 0.01%   | 0.002%  |
| 40 | 5.209 | 1253 | 1255 | 1258 | rVB2 | 154    | 87     | 0.01%   | 0.001%  |
| 41 | 5.340 | 1272 | 1296 | 1322 | rBV2 | 330912 | 971541 | 100.00% | 13.870% |
| 42 | 5.524 | 1351 | 1353 | 1356 | rVB  | 190    | 106    | 0.01%   | 0.002%  |
| 43 | 5.594 | 1371 | 1375 | 1378 | rBV  | 123    | 85     | 0.01%   | 0.001%  |
| 44 | 5.617 | 1378 | 1382 | 1388 | rBV  | 112    | 123    | 0.01%   | 0.002%  |
| 45 | 5.672 | 1396 | 1399 | 1403 | rBV2 | 220    | 218    | 0.02%   | 0.003%  |
| 46 | 5.723 | 1412 | 1415 | 1419 | rBV  | 81     | 64     | 0.01%   | 0.001%  |
| 47 | 5.749 | 1419 | 1423 | 1428 | rVB2 | 227    | 179    | 0.02%   | 0.003%  |
| 48 | 5.887 | 1452 | 1466 | 1487 | rBV  | 283695 | 549056 | 56.51%  | 7.839%  |
| 49 | 6.147 | 1545 | 1547 | 1551 | rVV  | 175    | 98     | 0.01%   | 0.001%  |
| 50 | 6.180 | 1551 | 1557 | 1562 | rVV2 | 601    | 793    | 0.08%   | 0.011%  |
| 51 | 6.266 | 1582 | 1584 | 1587 | rVB  | 188    | 78     | 0.01%   | 0.001%  |
| 52 | 6.331 | 1589 | 1604 | 1629 | rBV  | 225012 | 448494 | 46.16%  | 6.403%  |
| 53 | 6.456 | 1639 | 1643 | 1646 | rBV2 | 284    | 254    | 0.03%   | 0.004%  |
| 54 | 6.524 | 1660 | 1664 | 1668 | rBV  | 197    | 131    | 0.01%   | 0.002%  |
| 55 | 6.543 | 1668 | 1670 | 1673 | rBV  | 174    | 99     | 0.01%   | 0.001%  |
| 56 | 6.614 | 1690 | 1692 | 1695 | rVB  | 190    | 82     | 0.01%   | 0.001%  |
| 57 | 6.636 | 1696 | 1699 | 1703 | rBV2 | 165    | 112    | 0.01%   | 0.002%  |
| 58 | 6.707 | 1716 | 1721 | 1723 | rBV  | 82     | 78     | 0.01%   | 0.001%  |
| 59 | 6.826 | 1756 | 1758 | 1761 | rVB  | 146    | 64     | 0.01%   | 0.001%  |
| 60 | 6.861 | 1761 | 1769 | 1770 | rBV3 | 523    | 535    | 0.06%   | 0.008%  |
| 61 | 6.916 | 1783 | 1786 | 1790 | rVB  | 223    | 155    | 0.02%   | 0.002%  |
| 62 | 6.942 | 1790 | 1794 | 1799 | rBV  | 149    | 135    | 0.01%   | 0.002%  |
| 63 | 7.173 | 1863 | 1866 | 1868 | rBV  | 191    | 110    | 0.01%   | 0.002%  |
| 64 | 7.228 | 1868 | 1883 | 1905 | rBV  | 114015 | 200290 | 20.62%  | 2.859%  |
| 65 | 7.366 | 1923 | 1926 | 1928 | rBV2 | 220    | 128    | 0.01%   | 0.002%  |
| 66 | 7.379 | 1928 | 1930 | 1932 | rBV  | 385    | 257    | 0.03%   | 0.004%  |
| 67 | 7.437 | 1945 | 1948 | 1951 | rVV  | 162    | 125    | 0.01%   | 0.002%  |
| 68 | 7.466 | 1954 | 1957 | 1961 | rBV2 | 162    | 142    | 0.01%   | 0.002%  |
| 69 | 7.491 | 1961 | 1965 | 1966 | rBV  | 123    | 76     | 0.01%   | 0.001%  |
| 70 | 7.565 | 1975 | 1988 | 2008 | rBV  | 423400 | 726319 | 74.76%  | 10.369% |
| 71 | 7.733 | 2038 | 2040 | 2042 | rVB2 | 199    | 80     | 0.01%   | 0.001%  |

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## Integration Parameters: LSCINT.P

Integrator: RTE  
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 Sampling : 1  
 Start Thrs: 0.2  
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Filtering: 5  
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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\SOMULM091718WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 7.752  | 2042 | 2046 | 2048 | rBV2 | 196    | 157    | 0.02%  | 0.002% |
| 73  | 7.852  | 2065 | 2077 | 2096 | rBV  | 81134  | 137932 | 14.20% | 1.969% |
| 74  | 7.951  | 2103 | 2108 | 2112 | rBV2 | 369    | 393    | 0.04%  | 0.006% |
| 75  | 8.064  | 2141 | 2143 | 2146 | rVB  | 335    | 150    | 0.02%  | 0.002% |
| 76  | 8.109  | 2151 | 2157 | 2158 | rBV  | 175    | 147    | 0.02%  | 0.002% |
| 77  | 8.179  | 2170 | 2179 | 2180 | rBV2 | 716    | 884    | 0.09%  | 0.013% |
| 78  | 8.311  | 2209 | 2220 | 2250 | rBV  | 259051 | 445667 | 45.87% | 6.363% |
| 79  | 8.572  | 2298 | 2301 | 2304 | rBV2 | 222    | 166    | 0.02%  | 0.002% |
| 80  | 8.588  | 2304 | 2306 | 2308 | rVV3 | 380    | 196    | 0.02%  | 0.003% |
| 81  | 8.620  | 2308 | 2316 | 2326 | rVB4 | 1882   | 2822   | 0.29%  | 0.040% |
| 82  | 8.707  | 2340 | 2343 | 2345 | rBV  | 234    | 143    | 0.01%  | 0.002% |
| 83  | 8.771  | 2359 | 2363 | 2368 | rVB2 | 275    | 316    | 0.03%  | 0.005% |
| 84  | 8.983  | 2427 | 2429 | 2432 | rBV  | 189    | 102    | 0.01%  | 0.001% |
| 85  | 9.089  | 2450 | 2462 | 2487 | rBV  | 407527 | 667066 | 68.66% | 9.523% |
| 86  | 9.253  | 2509 | 2513 | 2516 | rBV2 | 248    | 245    | 0.03%  | 0.003% |
| 87  | 9.324  | 2533 | 2535 | 2537 | rBV  | 157    | 86     | 0.01%  | 0.001% |
| 88  | 9.372  | 2547 | 2550 | 2551 | rBV  | 166    | 91     | 0.01%  | 0.001% |
| 89  | 9.572  | 2610 | 2612 | 2613 | rBV  | 156    | 73     | 0.01%  | 0.001% |
| 90  | 9.694  | 2647 | 2650 | 2654 | rVB2 | 269    | 202    | 0.02%  | 0.003% |
| 91  | 9.758  | 2666 | 2670 | 2672 | rBV  | 293    | 190    | 0.02%  | 0.003% |
| 92  | 10.308 | 2839 | 2841 | 2843 | rBV  | 209    | 119    | 0.01%  | 0.002% |
| 93  | 10.433 | 2867 | 2880 | 2899 | rBV  | 300626 | 474742 | 48.86% | 6.778% |
| 94  | 10.607 | 2930 | 2934 | 2936 | rBV3 | 607    | 461    | 0.05%  | 0.007% |
| 95  | 10.951 | 3038 | 3041 | 3043 | rBV  | 204    | 125    | 0.01%  | 0.002% |
| 96  | 11.221 | 3121 | 3125 | 3127 | rBV  | 245    | 212    | 0.02%  | 0.003% |
| 97  | 11.253 | 3133 | 3135 | 3137 | rBV  | 261    | 74     | 0.01%  | 0.001% |
| 98  | 11.485 | 3195 | 3207 | 3229 | rBV  | 349467 | 544746 | 56.07% | 7.777% |
| 99  | 11.755 | 3289 | 3291 | 3294 | rBV  | 275    | 140    | 0.01%  | 0.002% |
| 100 | 11.861 | 3311 | 3324 | 3343 | rBV  | 403884 | 641434 | 66.02% | 9.157% |

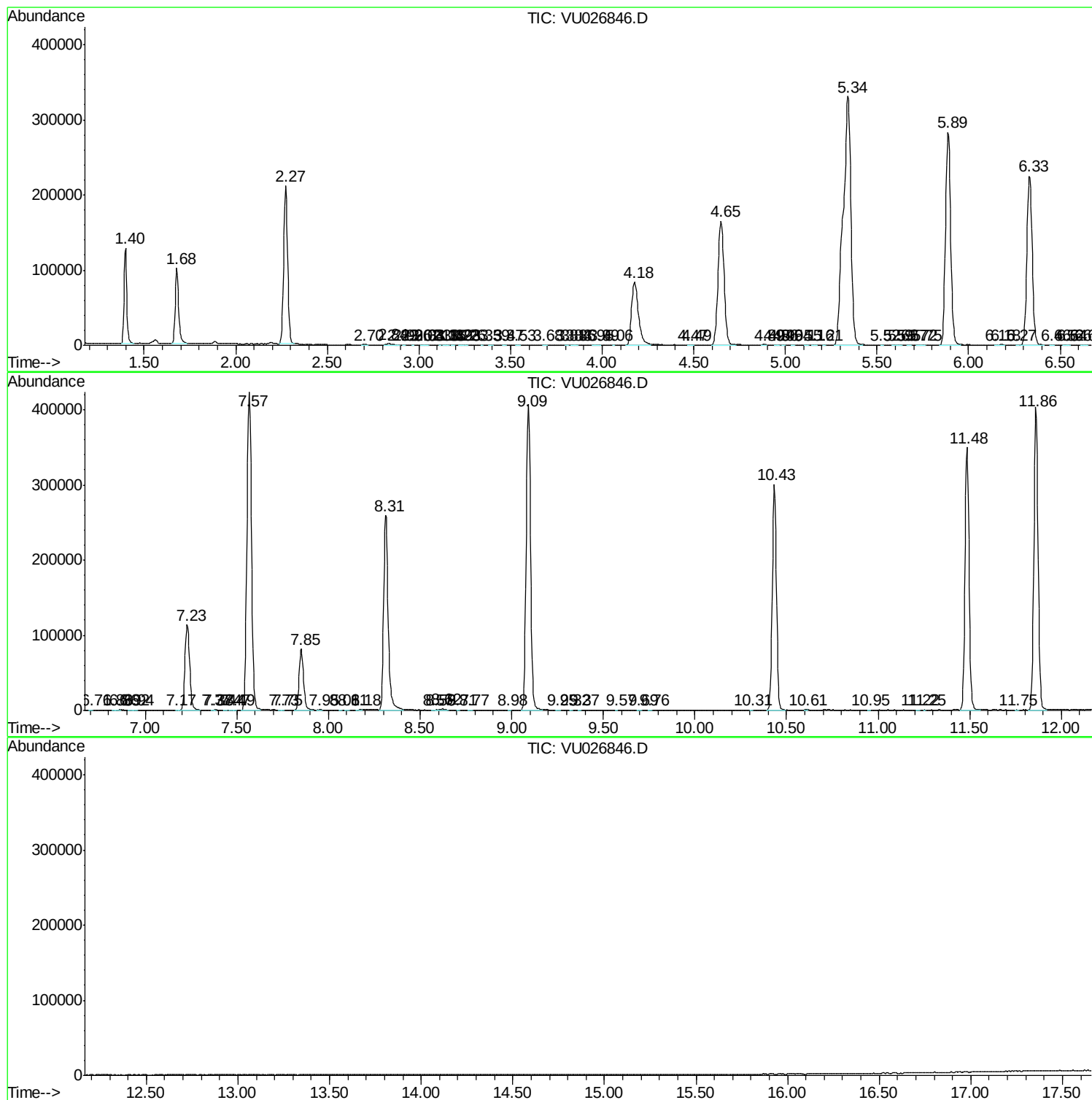
Sum of corrected areas: 7004476

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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\VU091818\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091718WMA.M  
Quant Title : VOC Analysis

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        |