

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081418\  
 Data File : VU026125.D  
 Acq On : 15 Aug 2018 01:35  
 Operator : MD/SY  
 Sample : J4422-05  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AB7

## 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\SOMULM080918WMA.M  
 Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 0.613    | 3          | 7        | 8         | rBV2  | 332         | 239        | 0.03%        | 0.003%     |
| 2      | 0.706    | 31         | 36       | 37        | rBV   | 216         | 199        | 0.02%        | 0.003%     |
| 3      | 0.754    | 47         | 51       | 55        | rBV2  | 341         | 379        | 0.04%        | 0.005%     |
| 4      | 0.892    | 88         | 94       | 98        | rBV2  | 260         | 317        | 0.03%        | 0.004%     |
| 5      | 0.921    | 100        | 103      | 106       | rBV   | 321         | 256        | 0.03%        | 0.004%     |
| 6      | 0.960    | 112        | 115      | 119       | rBV3  | 219         | 206        | 0.02%        | 0.003%     |
| 7      | 1.089    | 147        | 155      | 170       | rBV   | 155904      | 181486     | 19.81%       | 2.550%     |
| 8      | 1.400    | 245        | 252      | 264       | rVB   | 91728       | 95291      | 10.40%       | 1.339%     |
| 9      | 1.674    | 330        | 337      | 354       | rVB   | 76475       | 102497     | 11.19%       | 1.440%     |
| 10     | 2.272    | 513        | 523      | 535       | rBV   | 164702      | 252379     | 27.55%       | 3.546%     |
| 11     | 2.924    | 724        | 726      | 727       | rBV   | 207         | 104        | 0.01%        | 0.001%     |
| 12     | 2.963    | 733        | 738      | 741       | rBV2  | 319         | 262        | 0.03%        | 0.004%     |
| 13     | 2.989    | 741        | 746      | 749       | rBV2  | 516         | 496        | 0.05%        | 0.007%     |
| 14     | 3.031    | 757        | 759      | 761       | rBV   | 258         | 176        | 0.02%        | 0.002%     |
| 15     | 3.069    | 769        | 771      | 776       | rVB   | 330         | 203        | 0.02%        | 0.003%     |
| 16     | 3.111    | 780        | 784      | 787       | rBV2  | 314         | 280        | 0.03%        | 0.004%     |
| 17     | 3.217    | 815        | 817      | 819       | rBV2  | 259         | 160        | 0.02%        | 0.002%     |
| 18     | 3.272    | 832        | 834      | 836       | rBV2  | 179         | 96         | 0.01%        | 0.001%     |
| 19     | 3.449    | 883        | 889      | 892       | rBV3  | 376         | 375        | 0.04%        | 0.005%     |
| 20     | 3.513    | 905        | 909      | 913       | rVB   | 206         | 156        | 0.02%        | 0.002%     |
| 21     | 3.535    | 913        | 916      | 917       | rBV   | 206         | 139        | 0.02%        | 0.002%     |
| 22     | 3.580    | 928        | 930      | 931       | rVV   | 268         | 140        | 0.02%        | 0.002%     |
| 23     | 3.786    | 991        | 994      | 996       | rBV   | 247         | 182        | 0.02%        | 0.003%     |
| 24     | 3.799    | 996        | 998      | 1002      | rVB3  | 320         | 219        | 0.02%        | 0.003%     |
| 25     | 3.857    | 1014       | 1016     | 1020      | rBV   | 184         | 124        | 0.01%        | 0.002%     |
| 26     | 3.924    | 1034       | 1037     | 1040      | rBV2  | 318         | 184        | 0.02%        | 0.003%     |
| 27     | 3.941    | 1040       | 1042     | 1046      | rVB   | 392         | 258        | 0.03%        | 0.004%     |
| 28     | 3.966    | 1047       | 1050     | 1052      | rBV2  | 134         | 95         | 0.01%        | 0.001%     |
| 29     | 4.011    | 1062       | 1064     | 1066      | rVB   | 331         | 94         | 0.01%        | 0.001%     |
| 30     | 4.024    | 1066       | 1068     | 1070      | rBV   | 299         | 118        | 0.01%        | 0.002%     |
| 31     | 4.111    | 1091       | 1095     | 1097      | rBV   | 348         | 223        | 0.02%        | 0.003%     |
| 32     | 4.178    | 1100       | 1116     | 1145      | rBV   | 81531       | 219992     | 24.02%       | 3.091%     |
| 33     | 4.368    | 1172       | 1175     | 1177      | rBV2  | 562         | 453        | 0.05%        | 0.006%     |
| 34     | 4.452    | 1198       | 1201     | 1203      | rBV2  | 319         | 233        | 0.03%        | 0.003%     |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080918WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |         |         |
|----|-------|------|------|------|------|--------|--------|---------|---------|
| 35 | 4.545 | 1228 | 1230 | 1233 | rVB  | 257    | 108    | 0.01%   | 0.002%  |
| 36 | 4.577 | 1236 | 1240 | 1242 | rBV2 | 447    | 244    | 0.03%   | 0.003%  |
| 37 | 4.651 | 1245 | 1263 | 1287 | rBV2 | 165242 | 387672 | 42.32%  | 5.446%  |
| 38 | 4.886 | 1329 | 1336 | 1343 | rBV4 | 752    | 1255   | 0.14%   | 0.018%  |
| 39 | 4.940 | 1345 | 1353 | 1356 | rBV4 | 582    | 883    | 0.10%   | 0.012%  |
| 40 | 5.005 | 1371 | 1373 | 1375 | rBV  | 317    | 159    | 0.02%   | 0.002%  |
| 41 | 5.040 | 1381 | 1384 | 1387 | rBV3 | 201    | 156    | 0.02%   | 0.002%  |
| 42 | 5.101 | 1397 | 1403 | 1406 | rVB2 | 375    | 295    | 0.03%   | 0.004%  |
| 43 | 5.127 | 1408 | 1411 | 1412 | rBV  | 233    | 129    | 0.01%   | 0.002%  |
| 44 | 5.140 | 1412 | 1415 | 1422 | rVB4 | 643    | 563    | 0.06%   | 0.008%  |
| 45 | 5.178 | 1422 | 1427 | 1429 | rBV2 | 321    | 246    | 0.03%   | 0.003%  |
| 46 | 5.227 | 1440 | 1442 | 1444 | rVB  | 181    | 94     | 0.01%   | 0.001%  |
| 47 | 5.243 | 1444 | 1447 | 1453 | rBV2 | 193    | 160    | 0.02%   | 0.002%  |
| 48 | 5.342 | 1453 | 1478 | 1507 | rBV2 | 297950 | 915982 | 100.00% | 12.869% |
| 49 | 5.468 | 1514 | 1517 | 1520 | rBV2 | 492    | 316    | 0.03%   | 0.004%  |
| 50 | 5.596 | 1549 | 1557 | 1560 | rBV2 | 506    | 633    | 0.07%   | 0.009%  |
| 51 | 5.651 | 1572 | 1574 | 1580 | rBV3 | 279    | 282    | 0.03%   | 0.004%  |
| 52 | 5.686 | 1582 | 1585 | 1590 | rVB2 | 312    | 216    | 0.02%   | 0.003%  |
| 53 | 5.731 | 1594 | 1599 | 1603 | rVB2 | 220    | 209    | 0.02%   | 0.003%  |
| 54 | 5.754 | 1603 | 1606 | 1609 | rBV2 | 534    | 459    | 0.05%   | 0.006%  |
| 55 | 5.889 | 1630 | 1648 | 1674 | rBV  | 291673 | 568923 | 62.11%  | 7.993%  |
| 56 | 6.047 | 1694 | 1697 | 1701 | rBV2 | 505    | 487    | 0.05%   | 0.007%  |
| 57 | 6.088 | 1708 | 1710 | 1713 | rVB  | 281    | 136    | 0.01%   | 0.002%  |
| 58 | 6.130 | 1721 | 1723 | 1724 | rBV  | 254    | 92     | 0.01%   | 0.001%  |
| 59 | 6.230 | 1750 | 1754 | 1757 | rBV2 | 324    | 329    | 0.04%   | 0.005%  |
| 60 | 6.249 | 1757 | 1760 | 1762 | rVV  | 271    | 178    | 0.02%   | 0.003%  |
| 61 | 6.333 | 1772 | 1786 | 1804 | rBV  | 217710 | 430384 | 46.99%  | 6.046%  |
| 62 | 6.493 | 1833 | 1836 | 1838 | rBV2 | 367    | 261    | 0.03%   | 0.004%  |
| 63 | 6.590 | 1860 | 1866 | 1869 | rBV2 | 328    | 330    | 0.04%   | 0.005%  |
| 64 | 6.719 | 1903 | 1906 | 1907 | rBV2 | 224    | 126    | 0.01%   | 0.002%  |
| 65 | 6.764 | 1917 | 1920 | 1926 | rBV2 | 346    | 311    | 0.03%   | 0.004%  |
| 66 | 7.092 | 2014 | 2022 | 2024 | rBV3 | 490    | 588    | 0.06%   | 0.008%  |
| 67 | 7.230 | 2053 | 2065 | 2087 | rBV  | 112056 | 202584 | 22.12%  | 2.846%  |
| 68 | 7.323 | 2092 | 2094 | 2098 | rVB3 | 413    | 268    | 0.03%   | 0.004%  |
| 69 | 7.567 | 2156 | 2170 | 2187 | rBV  | 388976 | 672328 | 73.40%  | 9.445%  |
| 70 | 7.850 | 2247 | 2258 | 2276 | rBV2 | 82843  | 141371 | 15.43%  | 1.986%  |
| 71 | 8.185 | 2349 | 2362 | 2373 | rBV3 | 33748  | 86460  | 9.44%   | 1.215%  |

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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\SOMULM080918WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 8.313  | 2394 | 2402 | 2429 | rVB  | 258281 | 441676 | 48.22% | 6.205% |
| 73  | 8.587  | 2484 | 2487 | 2490 | rVB2 | 537    | 386    | 0.04%  | 0.005% |
| 74  | 8.651  | 2504 | 2507 | 2508 | rBV2 | 231    | 129    | 0.01%  | 0.002% |
| 75  | 8.738  | 2531 | 2534 | 2541 | rVB2 | 516    | 456    | 0.05%  | 0.006% |
| 76  | 8.773  | 2542 | 2545 | 2546 | rBV  | 254    | 127    | 0.01%  | 0.002% |
| 77  | 8.911  | 2584 | 2588 | 2591 | rBV  | 357    | 381    | 0.04%  | 0.005% |
| 78  | 9.046  | 2627 | 2630 | 2632 | rBV2 | 302    | 187    | 0.02%  | 0.003% |
| 79  | 9.091  | 2632 | 2644 | 2662 | rBV  | 411891 | 676347 | 73.84% | 9.502% |
| 80  | 9.294  | 2703 | 2707 | 2708 | rBV  | 319    | 189    | 0.02%  | 0.003% |
| 81  | 9.432  | 2747 | 2750 | 2751 | rBV  | 181    | 105    | 0.01%  | 0.001% |
| 82  | 9.509  | 2770 | 2774 | 2775 | rBV  | 342    | 257    | 0.03%  | 0.004% |
| 83  | 9.554  | 2785 | 2788 | 2790 | rBV2 | 271    | 162    | 0.02%  | 0.002% |
| 84  | 9.696  | 2827 | 2832 | 2833 | rBV  | 299    | 246    | 0.03%  | 0.003% |
| 85  | 9.783  | 2856 | 2859 | 2861 | rBV2 | 884    | 624    | 0.07%  | 0.009% |
| 86  | 9.834  | 2872 | 2875 | 2877 | rBV  | 253    | 181    | 0.02%  | 0.003% |
| 87  | 10.001 | 2925 | 2927 | 2931 | rVB2 | 343    | 166    | 0.02%  | 0.002% |
| 88  | 10.021 | 2931 | 2933 | 2936 | rBV  | 256    | 163    | 0.02%  | 0.002% |
| 89  | 10.162 | 2975 | 2977 | 2978 | rBV2 | 561    | 234    | 0.03%  | 0.003% |
| 90  | 10.230 | 2995 | 2998 | 3004 | rVB2 | 502    | 443    | 0.05%  | 0.006% |
| 91  | 10.259 | 3004 | 3007 | 3009 | rBV2 | 300    | 166    | 0.02%  | 0.002% |
| 92  | 10.435 | 3049 | 3062 | 3080 | rBV  | 314255 | 505249 | 55.16% | 7.098% |
| 93  | 10.545 | 3093 | 3096 | 3098 | rBV2 | 375    | 253    | 0.03%  | 0.004% |
| 94  | 10.612 | 3108 | 3117 | 3132 | rVB3 | 12686  | 23978  | 2.62%  | 0.337% |
| 95  | 10.702 | 3138 | 3145 | 3152 | rBV3 | 368    | 608    | 0.07%  | 0.009% |
| 96  | 10.931 | 3213 | 3216 | 3217 | rBV  | 481    | 288    | 0.03%  | 0.004% |
| 97  | 11.320 | 3334 | 3337 | 3339 | rBV  | 311    | 226    | 0.02%  | 0.003% |
| 98  | 11.487 | 3377 | 3389 | 3412 | rBV  | 342608 | 556674 | 60.77% | 7.821% |
| 99  | 11.760 | 3470 | 3474 | 3477 | rBV2 | 591    | 560    | 0.06%  | 0.008% |
| 100 | 11.863 | 3493 | 3506 | 3526 | rBV  | 395131 | 634294 | 69.25% | 8.911% |

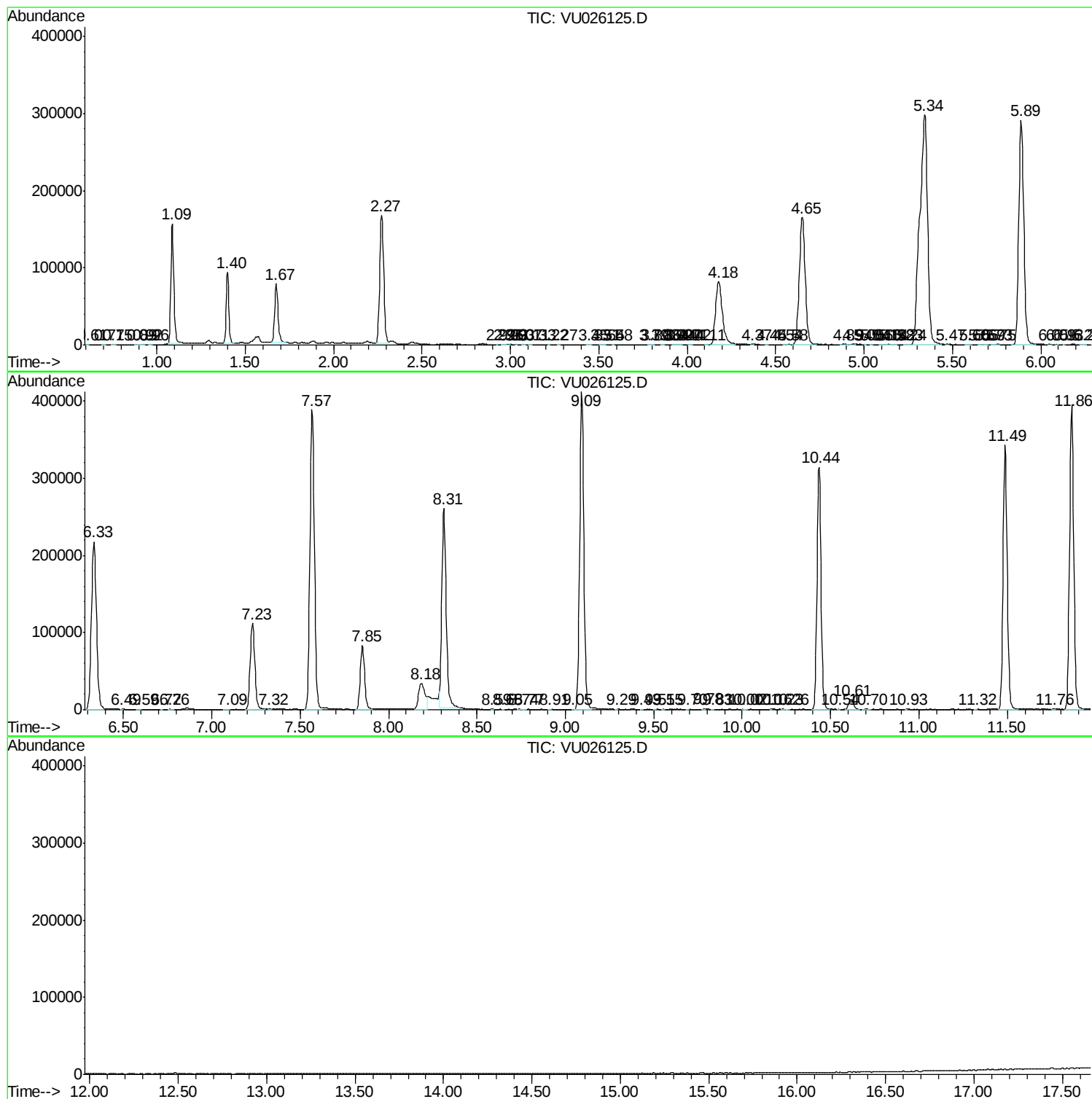
Sum of corrected areas: 7117983

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080918WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU081418\  
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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        |