

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042120\  
 Data File : VU037831.D  
 Acq On : 21 Apr 2020 17:44  
 Operator : JC/MD  
 Sample : L2317-03  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0F12

## 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\SOMULM042120WMA.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      | 1.613    | 77         | 85       | 96        | rBV   | 314383      | 327130     | 15.02%       | 1.868%     |
| 2      | 1.748    | 122        | 127      | 132       | rBV   | 8241        | 8546       | 0.39%        | 0.049%     |
| 3      | 1.932    | 175        | 184      | 199       | rVB   | 236112      | 311816     | 14.32%       | 1.780%     |
| 4      | 2.591    | 376        | 389      | 403       | rBV   | 421578      | 694333     | 31.89%       | 3.964%     |
| 5      | 2.706    | 422        | 425      | 426       | rBV   | 889         | 514        | 0.02%        | 0.003%     |
| 6      | 2.790    | 441        | 451      | 467       | rBV2  | 18002       | 35713      | 1.64%        | 0.204%     |
| 7      | 2.983    | 507        | 511      | 513       | rBV3  | 634         | 417        | 0.02%        | 0.002%     |
| 8      | 3.028    | 521        | 525      | 528       | rBV2  | 365         | 386        | 0.02%        | 0.002%     |
| 9      | 3.076    | 534        | 540      | 542       | rBV4  | 1338        | 1445       | 0.07%        | 0.008%     |
| 10     | 3.131    | 554        | 557      | 563       | rVB3  | 687         | 573        | 0.03%        | 0.003%     |
| 11     | 3.221    | 570        | 585      | 603       | rVB2  | 39855       | 89631      | 4.12%        | 0.512%     |
| 12     | 3.288    | 603        | 606      | 610       | rBV3  | 464         | 343        | 0.02%        | 0.002%     |
| 13     | 3.353    | 621        | 626      | 629       | rVB2  | 558         | 395        | 0.02%        | 0.002%     |
| 14     | 3.388    | 629        | 637      | 638       | rBV4  | 1184        | 1226       | 0.06%        | 0.007%     |
| 15     | 3.549    | 685        | 687      | 691       | rVB2  | 589         | 351        | 0.02%        | 0.002%     |
| 16     | 3.645    | 714        | 717      | 720       | rBV2  | 662         | 435        | 0.02%        | 0.002%     |
| 17     | 4.044    | 838        | 841      | 853       | rVB3  | 604         | 1002       | 0.05%        | 0.006%     |
| 18     | 4.099    | 853        | 858      | 859       | rBV   | 605         | 423        | 0.02%        | 0.002%     |
| 19     | 4.491    | 973        | 980      | 987       | rBV2  | 529         | 722        | 0.03%        | 0.004%     |
| 20     | 4.562    | 998        | 1002     | 1004      | rBV3  | 571         | 457        | 0.02%        | 0.003%     |
| 21     | 4.668    | 1017       | 1035     | 1073      | rBV2  | 302497      | 741733     | 34.06%       | 4.235%     |
| 22     | 4.848    | 1083       | 1091     | 1110      | rVB2  | 9779        | 21308      | 0.98%        | 0.122%     |
| 23     | 5.102    | 1150       | 1170     | 1191      | rBV   | 374666      | 816411     | 37.49%       | 4.661%     |
| 24     | 5.189    | 1195       | 1197     | 1205      | rVV4  | 881         | 848        | 0.04%        | 0.005%     |
| 25     | 5.221    | 1205       | 1207     | 1211      | rVB3  | 604         | 405        | 0.02%        | 0.002%     |
| 26     | 5.330    | 1234       | 1241     | 1244      | rVV6  | 874         | 1051       | 0.05%        | 0.006%     |
| 27     | 5.407    | 1258       | 1265     | 1266      | rBV3  | 1469        | 1278       | 0.06%        | 0.007%     |
| 28     | 5.494    | 1283       | 1292     | 1295      | rBV2  | 534         | 673        | 0.03%        | 0.004%     |
| 29     | 5.510    | 1295       | 1297     | 1303      | rVV4  | 496         | 354        | 0.02%        | 0.002%     |
| 30     | 5.555    | 1308       | 1311     | 1314      | rVV2  | 640         | 501        | 0.02%        | 0.003%     |
| 31     | 5.758    | 1352       | 1374     | 1392      | rBV2  | 832471      | 2177551    | 100.00%      | 12.432%    |
| 32     | 5.931    | 1425       | 1428     | 1432      | rVB3  | 601         | 446        | 0.02%        | 0.003%     |
| 33     | 5.989    | 1442       | 1446     | 1447      | rBV3  | 506         | 385        | 0.02%        | 0.002%     |
| 34     | 6.057    | 1464       | 1467     | 1469      | rBV3  | 561         | 422        | 0.02%        | 0.002%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042120WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 6.073  | 1469 | 1472 | 1478 | rVB3 | 1040    | 866     | 0.04%  | 0.005%  |
| 36 | 6.144  | 1491 | 1494 | 1499 | rBV4 | 625     | 522     | 0.02%  | 0.003%  |
| 37 | 6.189  | 1504 | 1508 | 1513 | rVB4 | 733     | 859     | 0.04%  | 0.005%  |
| 38 | 6.282  | 1522 | 1537 | 1555 | rBV  | 684393  | 1256434 | 57.70% | 7.173%  |
| 39 | 6.558  | 1609 | 1623 | 1635 | rBV9 | 8755    | 17798   | 0.82%  | 0.102%  |
| 40 | 6.722  | 1658 | 1674 | 1692 | rBV  | 520409  | 1009030 | 46.34% | 5.761%  |
| 41 | 6.925  | 1734 | 1737 | 1741 | rVV3 | 565     | 487     | 0.02%  | 0.003%  |
| 42 | 6.973  | 1750 | 1752 | 1756 | rBV3 | 579     | 509     | 0.02%  | 0.003%  |
| 43 | 7.005  | 1756 | 1762 | 1764 | rBV3 | 596     | 537     | 0.02%  | 0.003%  |
| 44 | 7.144  | 1799 | 1805 | 1809 | rVB3 | 571     | 419     | 0.02%  | 0.002%  |
| 45 | 7.208  | 1815 | 1825 | 1840 | rVB4 | 4385    | 8701    | 0.40%  | 0.050%  |
| 46 | 7.272  | 1840 | 1845 | 1846 | rBV2 | 492     | 450     | 0.02%  | 0.003%  |
| 47 | 7.346  | 1866 | 1868 | 1874 | rVB2 | 508     | 449     | 0.02%  | 0.003%  |
| 48 | 7.378  | 1874 | 1878 | 1880 | rBV2 | 681     | 591     | 0.03%  | 0.003%  |
| 49 | 7.443  | 1892 | 1898 | 1900 | rBV3 | 402     | 349     | 0.02%  | 0.002%  |
| 50 | 7.590  | 1929 | 1944 | 1962 | rBV  | 314501  | 542917  | 24.93% | 3.100%  |
| 51 | 7.709  | 1973 | 1981 | 1987 | rBV5 | 2747    | 4589    | 0.21%  | 0.026%  |
| 52 | 7.793  | 1999 | 2007 | 2008 | rBV3 | 613     | 616     | 0.03%  | 0.004%  |
| 53 | 7.819  | 2009 | 2015 | 2024 | rVB6 | 2002    | 3164    | 0.15%  | 0.018%  |
| 54 | 7.922  | 2032 | 2047 | 2065 | rBV  | 1039476 | 1772561 | 81.40% | 10.120% |
| 55 | 8.073  | 2088 | 2094 | 2097 | rBV3 | 386     | 491     | 0.02%  | 0.003%  |
| 56 | 8.201  | 2120 | 2134 | 2154 | rBV  | 227915  | 374673  | 17.21% | 2.139%  |
| 57 | 8.420  | 2199 | 2202 | 2206 | rVB3 | 573     | 486     | 0.02%  | 0.003%  |
| 58 | 8.491  | 2213 | 2224 | 2232 | rBV3 | 4282    | 6829    | 0.31%  | 0.039%  |
| 59 | 8.571  | 2244 | 2249 | 2251 | rBV2 | 1370    | 1192    | 0.05%  | 0.007%  |
| 60 | 8.655  | 2261 | 2275 | 2308 | rBV  | 771981  | 1375343 | 63.16% | 7.852%  |
| 61 | 8.835  | 2327 | 2331 | 2334 | rBV3 | 699     | 451     | 0.02%  | 0.003%  |
| 62 | 8.944  | 2361 | 2365 | 2373 | rVB3 | 605     | 796     | 0.04%  | 0.005%  |
| 63 | 8.989  | 2375 | 2379 | 2382 | rBV2 | 369     | 345     | 0.02%  | 0.002%  |
| 64 | 9.182  | 2434 | 2439 | 2448 | rVB4 | 699     | 999     | 0.05%  | 0.006%  |
| 65 | 9.436  | 2504 | 2518 | 2540 | rBV  | 966072  | 1579348 | 72.53% | 9.017%  |
| 66 | 9.587  | 2557 | 2565 | 2570 | rBV5 | 2092    | 2743    | 0.13%  | 0.016%  |
| 67 | 9.713  | 2596 | 2604 | 2611 | rBV6 | 2141    | 3613    | 0.17%  | 0.021%  |
| 68 | 9.970  | 2678 | 2684 | 2689 | rBV2 | 421     | 435     | 0.02%  | 0.002%  |
| 69 | 10.037 | 2702 | 2705 | 2709 | rBV2 | 399     | 419     | 0.02%  | 0.002%  |
| 70 | 10.118 | 2721 | 2730 | 2731 | rBV3 | 1922    | 1900    | 0.09%  | 0.011%  |
| 71 | 10.323 | 2790 | 2794 | 2797 | rBV2 | 572     | 399     | 0.02%  | 0.002%  |

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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\SOMULM042120WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 10.372 | 2803 | 2809 | 2812 | rBV3 | 539     | 471     | 0.02%  | 0.003% |
| 73  | 10.455 | 2831 | 2835 | 2838 | rVV2 | 609     | 613     | 0.03%  | 0.003% |
| 74  | 10.500 | 2844 | 2849 | 2856 | rVV3 | 1484    | 1495    | 0.07%  | 0.009% |
| 75  | 10.584 | 2871 | 2875 | 2878 | rBV3 | 1131    | 925     | 0.04%  | 0.005% |
| 76  | 10.770 | 2920 | 2933 | 2951 | rVV  | 657786  | 1051776 | 48.30% | 6.005% |
| 77  | 10.838 | 2951 | 2954 | 2958 | rVB4 | 529     | 450     | 0.02%  | 0.003% |
| 78  | 10.899 | 2965 | 2973 | 2981 | rBV2 | 4330    | 6459    | 0.30%  | 0.037% |
| 79  | 10.954 | 2987 | 2990 | 2996 | rBV2 | 538     | 433     | 0.02%  | 0.002% |
| 80  | 11.105 | 3030 | 3037 | 3043 | rBV4 | 1656    | 2070    | 0.10%  | 0.012% |
| 81  | 11.159 | 3052 | 3054 | 3059 | rBV2 | 397     | 341     | 0.02%  | 0.002% |
| 82  | 11.262 | 3082 | 3086 | 3091 | rBV2 | 427     | 501     | 0.02%  | 0.003% |
| 83  | 11.481 | 3147 | 3154 | 3157 | rBV3 | 1706    | 1786    | 0.08%  | 0.010% |
| 84  | 11.597 | 3187 | 3190 | 3198 | rVB3 | 492     | 601     | 0.03%  | 0.003% |
| 85  | 11.761 | 3230 | 3241 | 3247 | rBV7 | 3637    | 5910    | 0.27%  | 0.034% |
| 86  | 11.825 | 3248 | 3261 | 3279 | rBV  | 1012600 | 1576764 | 72.41% | 9.002% |
| 87  | 12.079 | 3332 | 3340 | 3354 | rVB5 | 4199    | 7380    | 0.34%  | 0.042% |
| 88  | 12.204 | 3366 | 3379 | 3397 | rVV  | 982853  | 1583541 | 72.72% | 9.041% |
| 89  | 12.671 | 3519 | 3524 | 3527 | rBV  | 860     | 828     | 0.04%  | 0.005% |
| 90  | 12.799 | 3554 | 3564 | 3572 | rBV3 | 1996    | 3999    | 0.18%  | 0.023% |
| 91  | 13.237 | 3693 | 3700 | 3709 | rVB5 | 4565    | 6480    | 0.30%  | 0.037% |
| 92  | 13.613 | 3813 | 3817 | 3820 | rBV  | 462     | 389     | 0.02%  | 0.002% |
| 93  | 13.867 | 3886 | 3896 | 3904 | rBV3 | 12344   | 18742   | 0.86%  | 0.107% |
| 94  | 14.085 | 3961 | 3964 | 3966 | rBV3 | 645     | 519     | 0.02%  | 0.003% |
| 95  | 14.111 | 3966 | 3972 | 3983 | rVB2 | 7359    | 10356   | 0.48%  | 0.059% |
| 96  | 14.217 | 4002 | 4005 | 4013 | rBV4 | 860     | 1136    | 0.05%  | 0.006% |
| 97  | 14.362 | 4041 | 4050 | 4058 | rBV5 | 8869    | 14334   | 0.66%  | 0.082% |
| 98  | 14.510 | 4094 | 4096 | 4101 | rBV3 | 955     | 810     | 0.04%  | 0.005% |
| 99  | 14.593 | 4119 | 4122 | 4126 | rBV4 | 806     | 799     | 0.04%  | 0.005% |
| 100 | 14.761 | 4169 | 4174 | 4182 | rVB6 | 2844    | 4080    | 0.19%  | 0.023% |

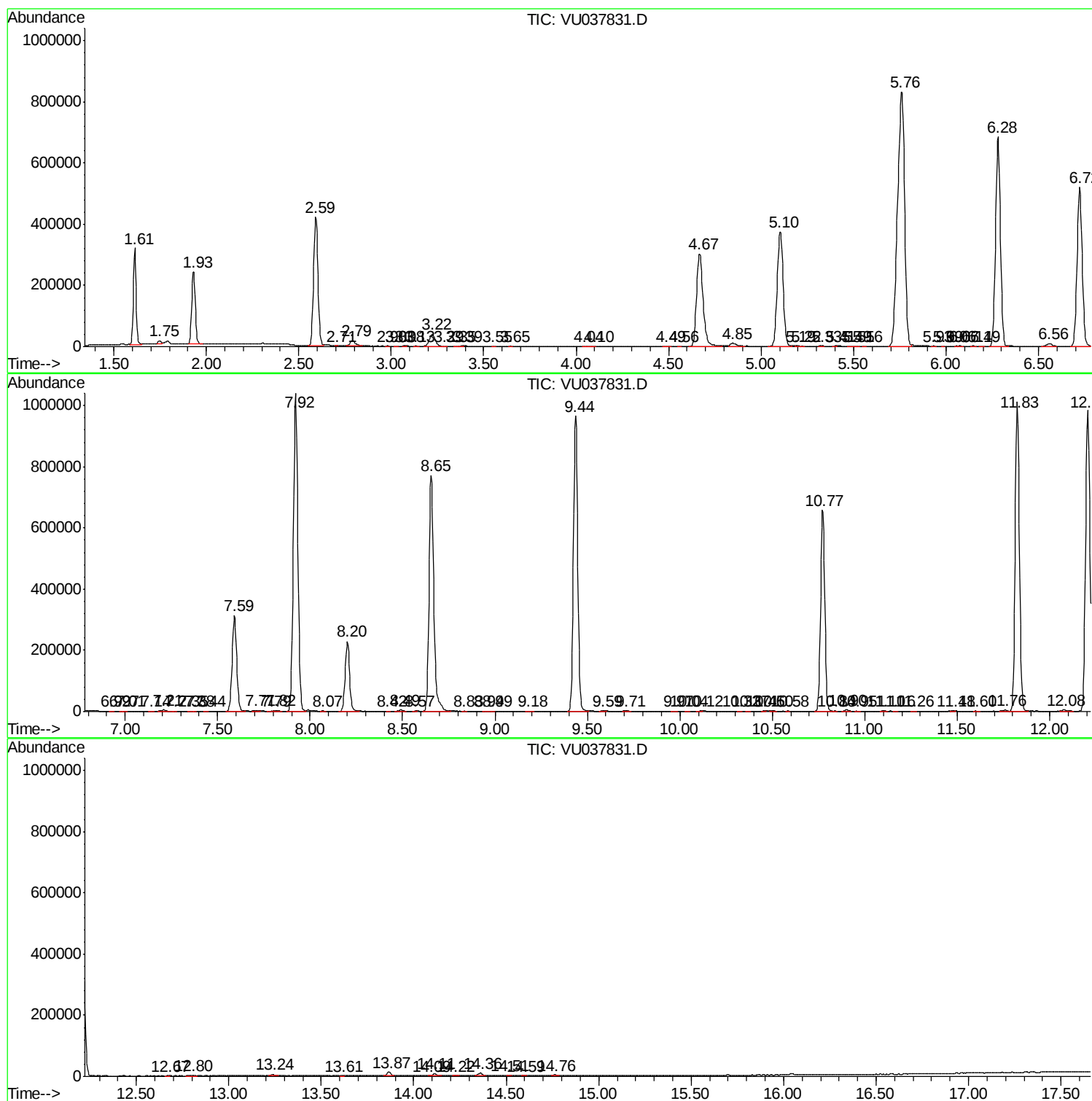
Sum of corrected areas: 17515522

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042120WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU042120\  
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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        |