

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120519\  
 Data File : VV013926.D  
 Acq On : 05 Dec 2019 19:39  
 Operator : SY/MD  
 Sample : K6170-06  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0BS5

## 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\_V\METHOD\SOMVLM120219WMA.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         | 1.319       | 65            | 71          | 83           | rVB      | 338821         | 329702        | 15.29%          | 2.122%        |
| 2         | 1.573       | 144           | 150         | 161          | rVB      | 313940         | 360956        | 16.74%          | 2.323%        |
| 3         | 2.126       | 314           | 322         | 336          | rVB      | 619400         | 860609        | 39.91%          | 5.540%        |
| 4         | 2.592       | 464           | 467         | 469          | rBV4     | 869            | 564           | 0.03%           | 0.004%        |
| 5         | 2.801       | 530           | 532         | 534          | rBV2     | 1188           | 612           | 0.03%           | 0.004%        |
| 6         | 2.839       | 542           | 544         | 547          | rVB4     | 1585           | 702           | 0.03%           | 0.005%        |
| 7         | 2.872       | 549           | 554         | 556          | rBV4     | 1703           | 1431          | 0.07%           | 0.009%        |
| 8         | 2.936       | 572           | 574         | 575          | rBV      | 1203           | 563           | 0.03%           | 0.004%        |
| 9         | 2.984       | 586           | 589         | 593          | rBV5     | 1181           | 943           | 0.04%           | 0.006%        |
| 10        | 3.036       | 602           | 605         | 606          | rBV3     | 1008           | 568           | 0.03%           | 0.004%        |
| 11        | 3.109       | 626           | 628         | 632          | rVB3     | 1486           | 854           | 0.04%           | 0.005%        |
| 12        | 3.257       | 671           | 674         | 677          | rVB4     | 811            | 442           | 0.02%           | 0.003%        |
| 13        | 3.273       | 677           | 679         | 683          | rVB3     | 1280           | 538           | 0.02%           | 0.003%        |
| 14        | 3.296       | 683           | 686         | 687          | rBV2     | 610            | 308           | 0.01%           | 0.002%        |
| 15        | 3.364       | 704           | 707         | 709          | rVB3     | 815            | 415           | 0.02%           | 0.003%        |
| 16        | 3.380       | 710           | 712         | 713          | rBV2     | 531            | 188           | 0.01%           | 0.001%        |
| 17        | 3.399       | 716           | 718         | 719          | rBV2     | 1069           | 398           | 0.02%           | 0.003%        |
| 18        | 3.437       | 728           | 730         | 732          | rBV3     | 1011           | 470           | 0.02%           | 0.003%        |
| 19        | 3.454       | 732           | 735         | 740          | rVV4     | 980            | 977           | 0.05%           | 0.006%        |
| 20        | 3.508       | 750           | 752         | 756          | rVB2     | 1709           | 798           | 0.04%           | 0.005%        |
| 21        | 3.531       | 756           | 759         | 763          | rBV3     | 1035           | 641           | 0.03%           | 0.004%        |
| 22        | 3.598       | 779           | 780         | 782          | rBV      | 881            | 349           | 0.02%           | 0.002%        |
| 23        | 3.643       | 792           | 794         | 797          | rBV4     | 728            | 363           | 0.02%           | 0.002%        |
| 24        | 3.663       | 798           | 800         | 803          | rVV4     | 1565           | 748           | 0.03%           | 0.005%        |
| 25        | 3.794       | 839           | 841         | 843          | rVB2     | 1126           | 428           | 0.02%           | 0.003%        |
| 26        | 3.814       | 845           | 847         | 852          | rVV5     | 737            | 685           | 0.03%           | 0.004%        |
| 27        | 3.839       | 853           | 855         | 860          | rVB6     | 1608           | 942           | 0.04%           | 0.006%        |
| 28        | 3.862       | 860           | 862         | 865          | rBV4     | 723            | 530           | 0.02%           | 0.003%        |
| 29        | 3.923       | 870           | 881         | 907          | rBV      | 152937         | 414336        | 19.21%          | 2.667%        |
| 30        | 4.225       | 974           | 975         | 977          | rBV2     | 1190           | 464           | 0.02%           | 0.003%        |
| 31        | 4.396       | 1011          | 1028        | 1057         | rBV      | 363474         | 889238        | 41.24%          | 5.724%        |
| 32        | 4.730       | 1130          | 1132        | 1134         | rBV3     | 1039           | 404           | 0.02%           | 0.003%        |
| 33        | 4.810       | 1155          | 1157        | 1158         | rBV2     | 1258           | 531           | 0.02%           | 0.003%        |
| 34        | 4.871       | 1174          | 1176        | 1177         | rBV2     | 746            | 235           | 0.01%           | 0.002%        |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM120219WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |       |         |         |         |         |
|----|-------|------|------|------|-------|---------|---------|---------|---------|
| 35 | 4.978 | 1207 | 1209 | 1212 | rBV4  | 667     | 269     | 0.01%   | 0.002%  |
| 36 | 5.016 | 1219 | 1221 | 1224 | rBV2  | 983     | 468     | 0.02%   | 0.003%  |
| 37 | 5.090 | 1226 | 1244 | 1272 | rBV2  | 855878  | 2156507 | 100.00% | 13.881% |
| 38 | 5.614 | 1404 | 1407 | 1408 | rBV2  | 1493    | 901     | 0.04%   | 0.006%  |
| 39 | 5.659 | 1408 | 1421 | 1444 | rVV   | 631850  | 1239139 | 57.46%  | 7.976%  |
| 40 | 6.113 | 1547 | 1562 | 1588 | rBV   | 453894  | 919993  | 42.66%  | 5.922%  |
| 41 | 6.444 | 1662 | 1665 | 1669 | rBV5  | 1503    | 849     | 0.04%   | 0.005%  |
| 42 | 6.460 | 1669 | 1670 | 1671 | rBV   | 1034    | 303     | 0.01%   | 0.002%  |
| 43 | 6.498 | 1680 | 1682 | 1683 | rBV2  | 966     | 443     | 0.02%   | 0.003%  |
| 44 | 6.521 | 1688 | 1689 | 1690 | rBV   | 332     | 66      | 0.00%   | 0.000%  |
| 45 | 6.531 | 1690 | 1692 | 1693 | rBV2  | 585     | 299     | 0.01%   | 0.002%  |
| 46 | 6.543 | 1693 | 1696 | 1697 | rBV3  | 1494    | 989     | 0.05%   | 0.006%  |
| 47 | 6.653 | 1720 | 1730 | 1734 | rBV10 | 3965    | 6269    | 0.29%   | 0.040%  |
| 48 | 6.759 | 1762 | 1763 | 1768 | rVB3  | 1250    | 887     | 0.04%   | 0.006%  |
| 49 | 6.785 | 1768 | 1771 | 1774 | rBV3  | 1667    | 1391    | 0.06%   | 0.009%  |
| 50 | 6.817 | 1779 | 1781 | 1783 | rVV2  | 1072    | 580     | 0.03%   | 0.004%  |
| 51 | 6.830 | 1783 | 1785 | 1789 | rVV4  | 909     | 768     | 0.04%   | 0.005%  |
| 52 | 6.849 | 1789 | 1791 | 1792 | rVB2  | 419     | 110     | 0.01%   | 0.001%  |
| 53 | 6.897 | 1803 | 1806 | 1808 | rBV3  | 1436    | 960     | 0.04%   | 0.006%  |
| 54 | 6.958 | 1822 | 1825 | 1826 | rBV3  | 784     | 306     | 0.01%   | 0.002%  |
| 55 | 7.026 | 1833 | 1846 | 1868 | rBV   | 240438  | 427759  | 19.84%  | 2.753%  |
| 56 | 7.354 | 1934 | 1948 | 1966 | rBV   | 931540  | 1614198 | 74.85%  | 10.390% |
| 57 | 7.559 | 2010 | 2012 | 2016 | rVB5  | 1532    | 594     | 0.03%   | 0.004%  |
| 58 | 7.659 | 2033 | 2043 | 2064 | rBV   | 176392  | 291769  | 13.53%  | 1.878%  |
| 59 | 7.913 | 2120 | 2122 | 2124 | rBV2  | 1145    | 484     | 0.02%   | 0.003%  |
| 60 | 7.932 | 2126 | 2128 | 2131 | rBV4  | 1168    | 737     | 0.03%   | 0.005%  |
| 61 | 8.129 | 2178 | 2189 | 2224 | rBV2  | 409467  | 906864  | 42.05%  | 5.837%  |
| 62 | 8.788 | 2392 | 2394 | 2398 | rBV3  | 1230    | 952     | 0.04%   | 0.006%  |
| 63 | 8.891 | 2414 | 2426 | 2448 | rBV   | 1026325 | 1640768 | 76.08%  | 10.561% |
| 64 | 9.296 | 2549 | 2552 | 2554 | rBV3  | 1075    | 748     | 0.03%   | 0.005%  |
| 65 | 9.347 | 2565 | 2568 | 2571 | rBV4  | 1166    | 858     | 0.04%   | 0.006%  |
| 66 | 9.370 | 2571 | 2575 | 2577 | rVV5  | 1220    | 942     | 0.04%   | 0.006%  |
| 67 | 9.424 | 2590 | 2592 | 2593 | rBV2  | 1196    | 403     | 0.02%   | 0.003%  |
| 68 | 9.550 | 2628 | 2631 | 2632 | rBV3  | 1184    | 575     | 0.03%   | 0.004%  |
| 69 | 9.682 | 2669 | 2672 | 2674 | rBV4  | 2564    | 1755    | 0.08%   | 0.011%  |
| 70 | 9.723 | 2683 | 2685 | 2688 | rVB5  | 1465    | 820     | 0.04%   | 0.005%  |
| 71 | 9.756 | 2688 | 2695 | 2697 | rBV6  | 1890    | 1804    | 0.08%   | 0.012%  |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM120219WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 9.891  | 2736 | 2737 | 2738 | rBV  | 596    | 170     | 0.01%  | 0.001% |
| 73  | 9.900  | 2738 | 2740 | 2743 | rVB3 | 1386   | 555     | 0.03%  | 0.004% |
| 74  | 9.923  | 2744 | 2747 | 2753 | rVB4 | 1021   | 734     | 0.03%  | 0.005% |
| 75  | 9.948  | 2753 | 2755 | 2756 | rBV2 | 579    | 228     | 0.01%  | 0.001% |
| 76  | 10.154 | 2814 | 2819 | 2820 | rBV4 | 1319   | 1002    | 0.05%  | 0.006% |
| 77  | 10.254 | 2838 | 2850 | 2873 | rBV  | 587837 | 935259  | 43.37% | 6.020% |
| 78  | 10.556 | 2942 | 2944 | 2946 | rBV3 | 1189   | 546     | 0.03%  | 0.004% |
| 79  | 10.617 | 2961 | 2963 | 2964 | rBV2 | 806    | 344     | 0.02%  | 0.002% |
| 80  | 10.662 | 2974 | 2977 | 2981 | rVB6 | 1142   | 963     | 0.04%  | 0.006% |
| 81  | 10.688 | 2981 | 2985 | 2986 | rBV2 | 1416   | 865     | 0.04%  | 0.006% |
| 82  | 10.855 | 3035 | 3037 | 3039 | rVB2 | 1159   | 482     | 0.02%  | 0.003% |
| 83  | 10.868 | 3039 | 3041 | 3045 | rBV4 | 853    | 811     | 0.04%  | 0.005% |
| 84  | 10.894 | 3045 | 3049 | 3051 | rVV4 | 1882   | 1503    | 0.07%  | 0.010% |
| 85  | 10.910 | 3051 | 3054 | 3057 | rVV4 | 1537   | 1142    | 0.05%  | 0.007% |
| 86  | 10.942 | 3061 | 3064 | 3067 | rBV5 | 1078   | 755     | 0.04%  | 0.005% |
| 87  | 10.958 | 3067 | 3069 | 3070 | rBV2 | 802    | 234     | 0.01%  | 0.002% |
| 88  | 11.090 | 3108 | 3110 | 3112 | rBV3 | 666    | 331     | 0.02%  | 0.002% |
| 89  | 11.100 | 3112 | 3113 | 3116 | rBV3 | 795    | 397     | 0.02%  | 0.003% |
| 90  | 11.170 | 3133 | 3135 | 3137 | rBV3 | 984    | 393     | 0.02%  | 0.003% |
| 91  | 11.186 | 3137 | 3140 | 3142 | rBV4 | 1148   | 623     | 0.03%  | 0.004% |
| 92  | 11.289 | 3160 | 3172 | 3193 | rBV  | 763028 | 1195455 | 55.43% | 7.695% |
| 93  | 11.579 | 3261 | 3262 | 3263 | rBV  | 1228   | 390     | 0.02%  | 0.003% |
| 94  | 11.665 | 3277 | 3289 | 3307 | rBV  | 810864 | 1291184 | 59.87% | 8.311% |
| 95  | 11.977 | 3384 | 3386 | 3388 | rBV3 | 1365   | 557     | 0.03%  | 0.004% |
| 96  | 12.376 | 3508 | 3510 | 3516 | rBV7 | 1561   | 1173    | 0.05%  | 0.008% |
| 97  | 13.016 | 3705 | 3709 | 3713 | rBV6 | 1252   | 1261    | 0.06%  | 0.008% |
| 98  | 13.961 | 4001 | 4003 | 4005 | rBV3 | 1362   | 564     | 0.03%  | 0.004% |
| 99  | 13.980 | 4005 | 4009 | 4011 | rBV4 | 1635   | 1366    | 0.06%  | 0.009% |
| 100 | 14.283 | 4100 | 4103 | 4104 | rBV2 | 1823   | 1040    | 0.05%  | 0.007% |

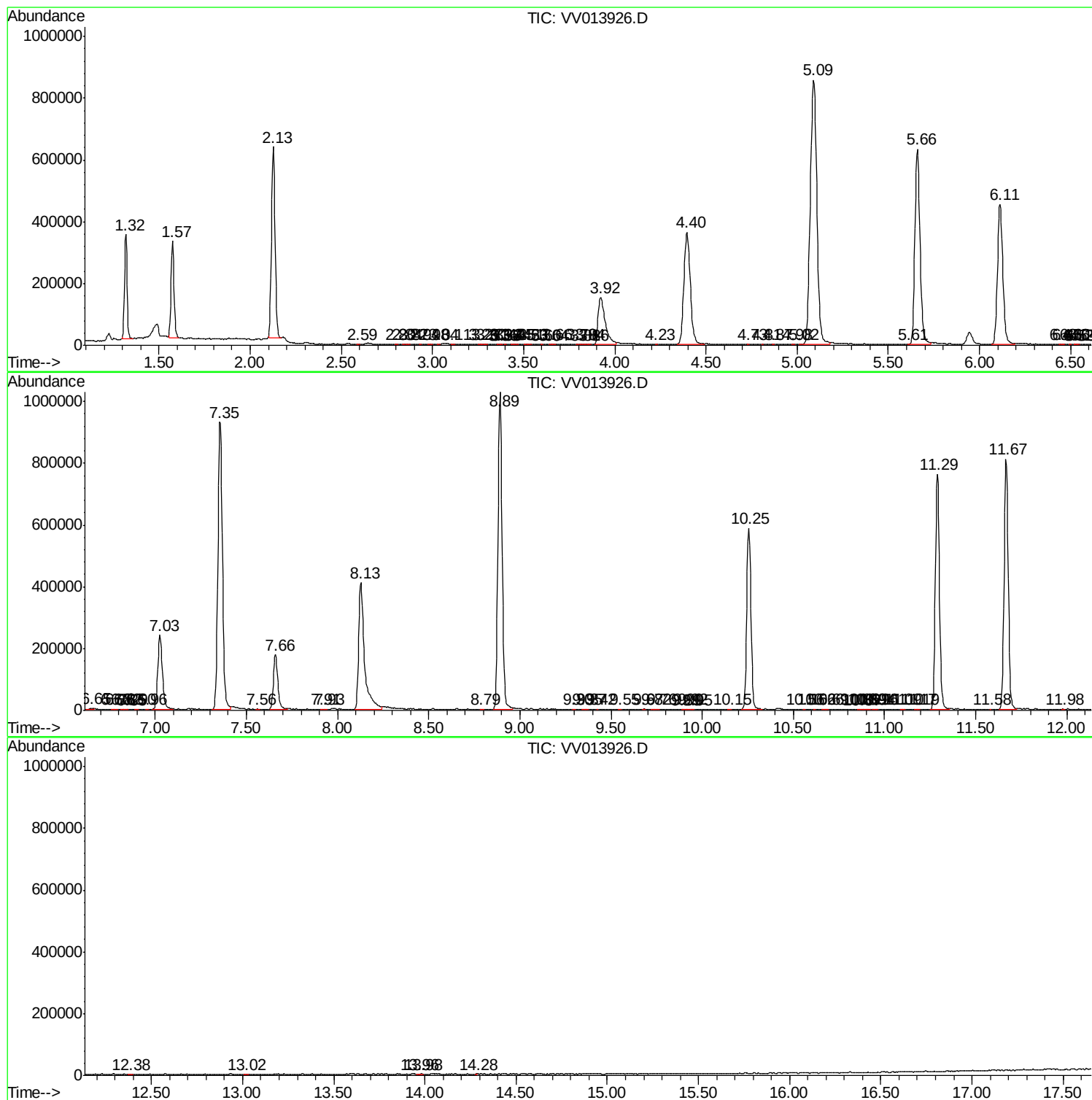
Sum of corrected areas: 15535786

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM120219WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV120519\  
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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        |