

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090418\  
 Data File : VV007362.D  
 Acq On : 05 Sep 2018 05:52  
 Operator : SY/MD  
 Sample : J4695-17  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BEGB1

## 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\SOMVLM090418WMA.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         | 1.029       | 28            | 43          | 64           | rBV      | 769399         | 943287        | 46.72%          | 5.996%        |
| 2         | 1.321       | 126           | 134         | 151          | rVB      | 232660         | 273525        | 13.55%          | 1.739%        |
| 3         | 1.572       | 206           | 212         | 237          | rVB      | 203809         | 256843        | 12.72%          | 1.633%        |
| 4         | 2.131       | 376           | 386         | 399          | rBV      | 456372         | 640380        | 31.72%          | 4.071%        |
| 5         | 2.202       | 400           | 408         | 428          | rVB      | 33716          | 60881         | 3.02%           | 0.387%        |
| 6         | 3.315       | 751           | 754         | 756          | rBV3     | 691            | 522           | 0.03%           | 0.003%        |
| 7         | 3.344       | 761           | 763         | 768          | rVB4     | 698            | 527           | 0.03%           | 0.003%        |
| 8         | 3.372       | 769           | 772         | 777          | rBV5     | 510            | 529           | 0.03%           | 0.003%        |
| 9         | 3.578       | 832           | 836         | 844          | rBV4     | 471            | 645           | 0.03%           | 0.004%        |
| 10        | 3.688       | 866           | 870         | 874          | rVB3     | 416            | 374           | 0.02%           | 0.002%        |
| 11        | 3.762       | 891           | 893         | 899          | rBV2     | 462            | 310           | 0.02%           | 0.002%        |
| 12        | 3.961       | 938           | 955         | 1003         | rBV      | 147256         | 448477        | 22.21%          | 2.851%        |
| 13        | 4.408       | 1074          | 1094        | 1116         | rBV      | 336219         | 804819        | 39.86%          | 5.116%        |
| 14        | 4.662       | 1169          | 1173        | 1175         | rBV2     | 494            | 356           | 0.02%           | 0.002%        |
| 15        | 4.720       | 1185          | 1191        | 1193         | rBV4     | 1537           | 1648          | 0.08%           | 0.010%        |
| 16        | 4.871       | 1232          | 1238        | 1243         | rVV5     | 567            | 841           | 0.04%           | 0.005%        |
| 17        | 4.890       | 1243          | 1244        | 1249         | rVB2     | 546            | 357           | 0.02%           | 0.002%        |
| 18        | 5.102       | 1287          | 1310        | 1346         | rBV2     | 843959         | 2019080       | 100.00%         | 12.835%       |
| 19        | 5.302       | 1369          | 1372        | 1376         | rVB2     | 531            | 367           | 0.02%           | 0.002%        |
| 20        | 5.395       | 1396          | 1401        | 1405         | rBV4     | 544            | 520           | 0.03%           | 0.003%        |
| 21        | 5.433       | 1410          | 1413        | 1415         | rBV      | 533            | 337           | 0.02%           | 0.002%        |
| 22        | 5.511       | 1431          | 1437        | 1439         | rBV3     | 713            | 785           | 0.04%           | 0.005%        |
| 23        | 5.575       | 1452          | 1457        | 1462         | rVB3     | 431            | 410           | 0.02%           | 0.003%        |
| 24        | 5.607       | 1462          | 1467        | 1469         | rBV      | 402            | 362           | 0.02%           | 0.002%        |
| 25        | 5.671       | 1469          | 1487        | 1515         | rBV      | 650344         | 1303651       | 64.57%          | 8.287%        |
| 26        | 5.951       | 1564          | 1574        | 1586         | rVB3     | 22943          | 43928         | 2.18%           | 0.279%        |
| 27        | 6.125       | 1613          | 1628        | 1653         | rBV      | 470070         | 942210        | 46.67%          | 5.989%        |
| 28        | 6.376       | 1704          | 1706        | 1710         | rVB3     | 493            | 277           | 0.01%           | 0.002%        |
| 29        | 6.446       | 1725          | 1728        | 1732         | rBV2     | 583            | 565           | 0.03%           | 0.004%        |
| 30        | 6.482       | 1736          | 1739        | 1743         | rVV3     | 619            | 500           | 0.02%           | 0.003%        |
| 31        | 6.607       | 1774          | 1778        | 1781         | rVB3     | 578            | 421           | 0.02%           | 0.003%        |
| 32        | 6.649       | 1788          | 1791        | 1795         | rBV5     | 1021           | 933           | 0.05%           | 0.006%        |
| 33        | 6.729       | 1813          | 1816        | 1824         | rVB2     | 1526           | 1497          | 0.07%           | 0.010%        |
| 34        | 6.835       | 1845          | 1849        | 1851         | rVV4     | 454            | 287           | 0.01%           | 0.002%        |

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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\_V\METHOD\SOMVLM090418WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 6.851  | 1851 | 1854 | 1858 | rVB3 | 336    | 258     | 0.01%  | 0.002% |
| 36 | 6.887  | 1858 | 1865 | 1868 | rBV4 | 460    | 343     | 0.02%  | 0.002% |
| 37 | 6.925  | 1874 | 1877 | 1881 | rBV2 | 490    | 481     | 0.02%  | 0.003% |
| 38 | 7.035  | 1897 | 1911 | 1939 | rBV  | 214123 | 388732  | 19.25% | 2.471% |
| 39 | 7.176  | 1949 | 1955 | 1959 | rBV4 | 1320   | 1694    | 0.08%  | 0.011% |
| 40 | 7.228  | 1969 | 1971 | 1975 | rBV3 | 577    | 393     | 0.02%  | 0.002% |
| 41 | 7.366  | 1998 | 2014 | 2038 | rBV  | 852389 | 1480199 | 73.31% | 9.409% |
| 42 | 7.668  | 2095 | 2108 | 2125 | rBV  | 153916 | 264835  | 13.12% | 1.684% |
| 43 | 7.777  | 2140 | 2142 | 2145 | rBV2 | 507    | 303     | 0.02%  | 0.002% |
| 44 | 7.983  | 2201 | 2206 | 2208 | rBV3 | 2311   | 2203    | 0.11%  | 0.014% |
| 45 | 8.144  | 2240 | 2256 | 2291 | rBV2 | 481466 | 904334  | 44.79% | 5.749% |
| 46 | 8.417  | 2332 | 2341 | 2357 | rVB2 | 15446  | 30662   | 1.52%  | 0.195% |
| 47 | 8.482  | 2357 | 2361 | 2365 | rVB6 | 962    | 865     | 0.04%  | 0.005% |
| 48 | 8.594  | 2392 | 2396 | 2397 | rBV2 | 525    | 444     | 0.02%  | 0.003% |
| 49 | 8.694  | 2423 | 2427 | 2429 | rBV2 | 531    | 393     | 0.02%  | 0.002% |
| 50 | 8.790  | 2454 | 2457 | 2460 | rVB3 | 465    | 297     | 0.01%  | 0.002% |
| 51 | 8.810  | 2460 | 2463 | 2466 | rBV3 | 504    | 372     | 0.02%  | 0.002% |
| 52 | 8.900  | 2478 | 2491 | 2521 | rBV  | 945076 | 1569631 | 77.74% | 9.978% |
| 53 | 9.112  | 2555 | 2557 | 2562 | rVB3 | 1138   | 728     | 0.04%  | 0.005% |
| 54 | 9.183  | 2573 | 2579 | 2584 | rBV7 | 1299   | 1700    | 0.08%  | 0.011% |
| 55 | 9.253  | 2592 | 2601 | 2603 | rBV5 | 3134   | 4133    | 0.20%  | 0.026% |
| 56 | 9.440  | 2656 | 2659 | 2665 | rVB3 | 497    | 417     | 0.02%  | 0.003% |
| 57 | 9.578  | 2699 | 2702 | 2703 | rVV2 | 571    | 365     | 0.02%  | 0.002% |
| 58 | 9.601  | 2703 | 2709 | 2715 | rVV6 | 1139   | 2073    | 0.10%  | 0.013% |
| 59 | 9.716  | 2741 | 2745 | 2749 | rVB2 | 361    | 308     | 0.02%  | 0.002% |
| 60 | 9.813  | 2772 | 2775 | 2778 | rVB3 | 445    | 321     | 0.02%  | 0.002% |
| 61 | 9.858  | 2787 | 2789 | 2794 | rVB3 | 335    | 298     | 0.01%  | 0.002% |
| 62 | 9.919  | 2802 | 2808 | 2810 | rBV3 | 575    | 521     | 0.03%  | 0.003% |
| 63 | 9.945  | 2814 | 2816 | 2819 | rBV2 | 505    | 339     | 0.02%  | 0.002% |
| 64 | 9.961  | 2819 | 2821 | 2824 | rBV3 | 328    | 265     | 0.01%  | 0.002% |
| 65 | 10.012 | 2833 | 2837 | 2839 | rBV2 | 456    | 372     | 0.02%  | 0.002% |
| 66 | 10.166 | 2883 | 2885 | 2889 | rVB3 | 450    | 336     | 0.02%  | 0.002% |
| 67 | 10.266 | 2902 | 2916 | 2949 | rVB  | 596370 | 950984  | 47.10% | 6.045% |
| 68 | 10.430 | 2958 | 2967 | 2974 | rBV3 | 3843   | 5936    | 0.29%  | 0.038% |
| 69 | 10.533 | 2996 | 2999 | 3003 | rBV3 | 353    | 323     | 0.02%  | 0.002% |
| 70 | 10.562 | 3006 | 3008 | 3012 | rBV3 | 487    | 420     | 0.02%  | 0.003% |
| 71 | 10.594 | 3016 | 3018 | 3024 | rBV2 | 290    | 280     | 0.01%  | 0.002% |

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 Sampling : 1  
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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 >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090418WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 10.745 | 3062 | 3065 | 3073 | rVB3 | 702    | 759     | 0.04%  | 0.005% |
| 73  | 10.851 | 3094 | 3098 | 3101 | rVV4 | 474    | 391     | 0.02%  | 0.002% |
| 74  | 10.903 | 3112 | 3114 | 3117 | rBV2 | 798    | 426     | 0.02%  | 0.003% |
| 75  | 11.086 | 3165 | 3171 | 3174 | rBV2 | 559    | 546     | 0.03%  | 0.003% |
| 76  | 11.144 | 3186 | 3189 | 3193 | rVB  | 458    | 349     | 0.02%  | 0.002% |
| 77  | 11.170 | 3193 | 3197 | 3199 | rBV3 | 425    | 278     | 0.01%  | 0.002% |
| 78  | 11.202 | 3204 | 3207 | 3211 | rBV2 | 437    | 359     | 0.02%  | 0.002% |
| 79  | 11.231 | 3211 | 3216 | 3225 | rVB3 | 1615   | 2109    | 0.10%  | 0.013% |
| 80  | 11.298 | 3225 | 3237 | 3265 | rBV  | 718323 | 1160672 | 57.49% | 7.378% |
| 81  | 11.491 | 3295 | 3297 | 3301 | rBV  | 427    | 249     | 0.01%  | 0.002% |
| 82  | 11.581 | 3321 | 3325 | 3327 | rBV3 | 448    | 375     | 0.02%  | 0.002% |
| 83  | 11.678 | 3343 | 3355 | 3377 | rBV  | 733053 | 1185225 | 58.70% | 7.534% |
| 84  | 11.851 | 3407 | 3409 | 3411 | rBV  | 467    | 304     | 0.02%  | 0.002% |
| 85  | 11.883 | 3416 | 3419 | 3422 | rVB2 | 871    | 546     | 0.03%  | 0.003% |
| 86  | 12.089 | 3480 | 3483 | 3486 | rBV2 | 762    | 530     | 0.03%  | 0.003% |
| 87  | 12.218 | 3520 | 3523 | 3528 | rVB3 | 651    | 591     | 0.03%  | 0.004% |
| 88  | 12.295 | 3545 | 3547 | 3552 | rVB4 | 803    | 661     | 0.03%  | 0.004% |
| 89  | 12.359 | 3564 | 3567 | 3571 | rBV3 | 403    | 380     | 0.02%  | 0.002% |
| 90  | 12.449 | 3589 | 3595 | 3598 | rBV5 | 778    | 743     | 0.04%  | 0.005% |
| 91  | 12.665 | 3659 | 3662 | 3666 | rBV3 | 513    | 486     | 0.02%  | 0.003% |
| 92  | 12.700 | 3668 | 3673 | 3681 | rVB5 | 1869   | 2588    | 0.13%  | 0.016% |
| 93  | 12.809 | 3705 | 3707 | 3711 | rVB3 | 909    | 517     | 0.03%  | 0.003% |
| 94  | 12.861 | 3720 | 3723 | 3725 | rBV3 | 494    | 368     | 0.02%  | 0.002% |
| 95  | 13.070 | 3786 | 3788 | 3793 | rBV  | 668    | 356     | 0.02%  | 0.002% |
| 96  | 13.192 | 3824 | 3826 | 3830 | rBV2 | 568    | 509     | 0.03%  | 0.003% |
| 97  | 13.285 | 3853 | 3855 | 3857 | rBV2 | 581    | 278     | 0.01%  | 0.002% |
| 98  | 13.305 | 3860 | 3861 | 3862 | rBV2 | 792    | 301     | 0.01%  | 0.002% |
| 99  | 13.517 | 3924 | 3927 | 3930 | rBV4 | 685    | 409     | 0.02%  | 0.003% |
| 100 | 13.806 | 4010 | 4017 | 4025 | rVB9 | 1975   | 2725    | 0.13%  | 0.017% |

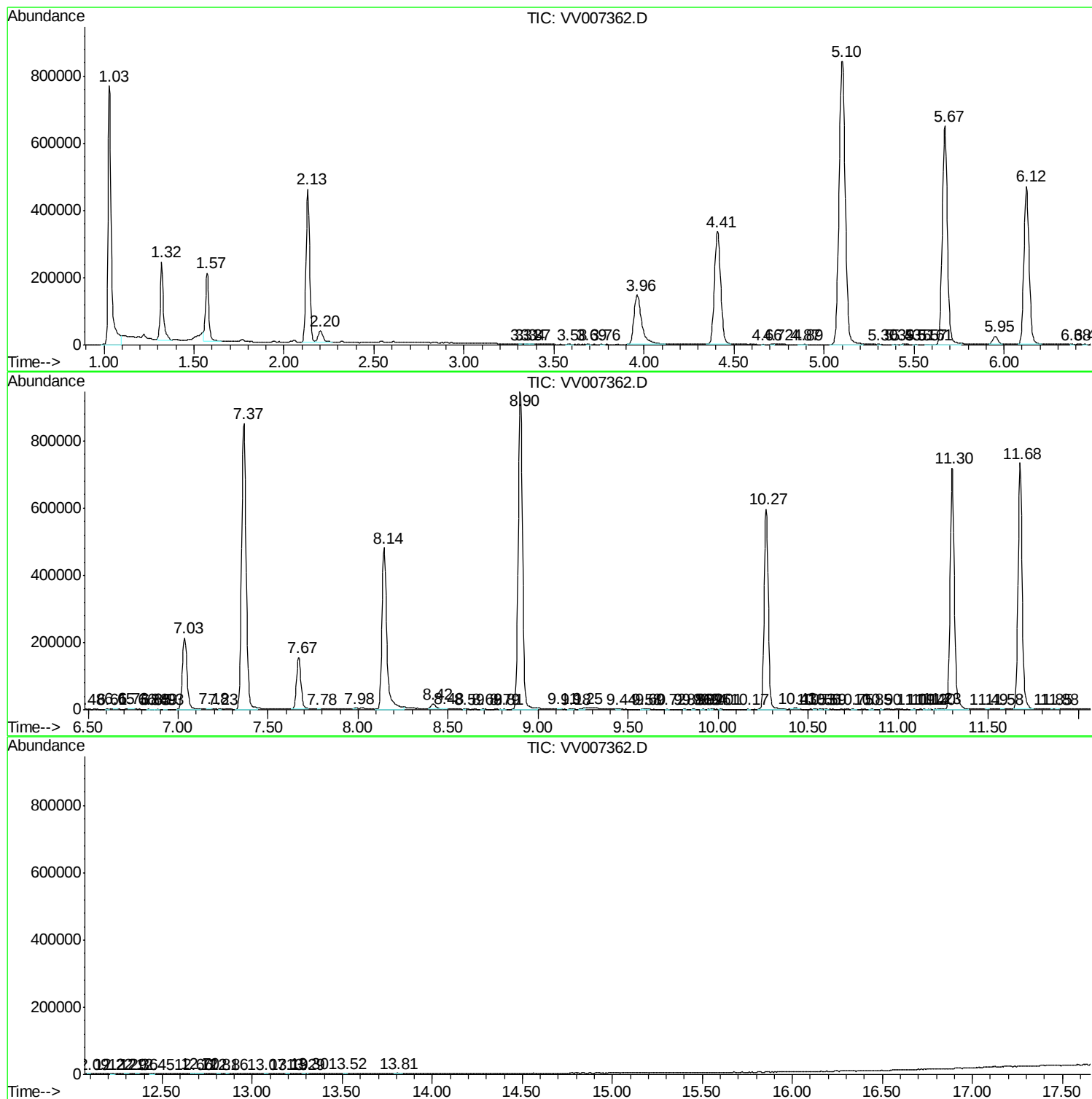
Sum of corrected areas: 15731039

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090418WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV090418\  
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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        |