

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090418\  
 Data File : VV007343.D  
 Acq On : 04 Sep 2018 22:02  
 Operator : SY/MD  
 Sample : VV0904WBL01  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK72

## 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         | 0.935       | 6             | 14          | 17           | rBV3     | 364            | 582           | 0.03%           | 0.003%        |
| 2         | 0.951       | 17            | 19          | 23           | rVB2     | 318            | 203           | 0.01%           | 0.001%        |
| 3         | 0.974       | 23            | 26          | 27           | rBV      | 442            | 270           | 0.01%           | 0.002%        |
| 4         | 1.029       | 30            | 43          | 62           | rBV      | 1522977        | 1748741       | 82.07%          | 10.201%       |
| 5         | 1.321       | 127           | 134         | 166          | rVB      | 240032         | 319300        | 14.99%          | 1.863%        |
| 6         | 1.572       | 206           | 212         | 225          | rVB      | 195484         | 223731        | 10.50%          | 1.305%        |
| 7         | 2.132       | 376           | 386         | 398          | rBV      | 474504         | 663791        | 31.15%          | 3.872%        |
| 8         | 3.517       | 813           | 817         | 818          | rBV      | 382            | 238           | 0.01%           | 0.001%        |
| 9         | 3.546       | 823           | 826         | 833          | rVB5     | 724            | 794           | 0.04%           | 0.005%        |
| 10        | 3.575       | 833           | 835         | 838          | rBV      | 330            | 219           | 0.01%           | 0.001%        |
| 11        | 3.723       | 879           | 881         | 884          | rBV2     | 397            | 238           | 0.01%           | 0.001%        |
| 12        | 3.800       | 903           | 905         | 907          | rVB      | 433            | 181           | 0.01%           | 0.001%        |
| 13        | 3.816       | 907           | 910         | 914          | rBV2     | 372            | 236           | 0.01%           | 0.001%        |
| 14        | 3.964       | 939           | 956         | 996          | rBV      | 170744         | 522233        | 24.51%          | 3.046%        |
| 15        | 4.276       | 1050          | 1053        | 1058         | rVV3     | 682            | 494           | 0.02%           | 0.003%        |
| 16        | 4.305       | 1058          | 1062        | 1067         | rVB4     | 823            | 919           | 0.04%           | 0.005%        |
| 17        | 4.408       | 1073          | 1094        | 1123         | rBV      | 351814         | 848411        | 39.82%          | 4.949%        |
| 18        | 4.729       | 1185          | 1194        | 1199         | rBV5     | 1235           | 1878          | 0.09%           | 0.011%        |
| 19        | 4.864       | 1234          | 1236        | 1239         | rVB2     | 346            | 243           | 0.01%           | 0.001%        |
| 20        | 4.906       | 1247          | 1249        | 1253         | rBV2     | 278            | 198           | 0.01%           | 0.001%        |
| 21        | 4.974       | 1265          | 1270        | 1272         | rBV2     | 377            | 266           | 0.01%           | 0.002%        |
| 22        | 5.099       | 1290          | 1309        | 1346         | rBV2     | 896314         | 2130700       | 100.00%         | 12.429%       |
| 23        | 5.295       | 1367          | 1370        | 1375         | rBV3     | 791            | 541           | 0.03%           | 0.003%        |
| 24        | 5.337       | 1380          | 1383        | 1387         | rBV3     | 319            | 324           | 0.02%           | 0.002%        |
| 25        | 5.392       | 1394          | 1400        | 1401         | rBV3     | 348            | 325           | 0.02%           | 0.002%        |
| 26        | 5.421       | 1405          | 1409        | 1411         | rBV      | 661            | 429           | 0.02%           | 0.003%        |
| 27        | 5.450       | 1414          | 1418        | 1421         | rBV3     | 755            | 640           | 0.03%           | 0.004%        |
| 28        | 5.492       | 1429          | 1431        | 1434         | rBV      | 390            | 199           | 0.01%           | 0.001%        |
| 29        | 5.530       | 1441          | 1443        | 1447         | rVB3     | 383            | 166           | 0.01%           | 0.001%        |
| 30        | 5.672       | 1469          | 1487        | 1509         | rBV      | 642419         | 1275296       | 59.85%          | 7.439%        |
| 31        | 5.951       | 1565          | 1574        | 1589         | rVB5     | 18399          | 38808         | 1.82%           | 0.226%        |
| 32        | 6.012       | 1589          | 1593        | 1598         | rVB5     | 725            | 586           | 0.03%           | 0.003%        |
| 33        | 6.051       | 1603          | 1605        | 1607         | rVB      | 401            | 167           | 0.01%           | 0.001%        |
| 34        | 6.067       | 1607          | 1610        | 1611         | rBV2     | 735            | 405           | 0.02%           | 0.002%        |

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 Peak separation: 5

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

|    |       |      |      |      |      |        |         |        |        |
|----|-------|------|------|------|------|--------|---------|--------|--------|
| 35 | 6.125 | 1612 | 1628 | 1656 | rBV  | 490244 | 994512  | 46.68% | 5.801% |
| 36 | 6.241 | 1661 | 1664 | 1665 | rBV2 | 1190   | 764     | 0.04%  | 0.004% |
| 37 | 6.408 | 1713 | 1716 | 1721 | rVB5 | 713    | 551     | 0.03%  | 0.003% |
| 38 | 6.482 | 1736 | 1739 | 1741 | rVB3 | 652    | 378     | 0.02%  | 0.002% |
| 39 | 6.501 | 1743 | 1745 | 1748 | rVB4 | 392    | 200     | 0.01%  | 0.001% |
| 40 | 6.556 | 1760 | 1762 | 1765 | rBV3 | 509    | 367     | 0.02%  | 0.002% |
| 41 | 6.604 | 1775 | 1777 | 1780 | rBV3 | 554    | 379     | 0.02%  | 0.002% |
| 42 | 6.652 | 1787 | 1792 | 1795 | rBV5 | 1013   | 1140    | 0.05%  | 0.007% |
| 43 | 6.733 | 1811 | 1817 | 1819 | rBV3 | 3050   | 3201    | 0.15%  | 0.019% |
| 44 | 6.922 | 1873 | 1876 | 1878 | rVB3 | 559    | 297     | 0.01%  | 0.002% |
| 45 | 6.961 | 1884 | 1888 | 1891 | rVB2 | 456    | 350     | 0.02%  | 0.002% |
| 46 | 6.980 | 1891 | 1894 | 1898 | rBV2 | 583    | 508     | 0.02%  | 0.003% |
| 47 | 7.035 | 1898 | 1911 | 1932 | rBV  | 239386 | 429903  | 20.18% | 2.508% |
| 48 | 7.286 | 1986 | 1989 | 1991 | rBV4 | 827    | 544     | 0.03%  | 0.003% |
| 49 | 7.366 | 2000 | 2014 | 2033 | rBV  | 895899 | 1553291 | 72.90% | 9.061% |
| 50 | 7.581 | 2079 | 2081 | 2083 | rBV2 | 454    | 264     | 0.01%  | 0.002% |
| 51 | 7.671 | 2097 | 2109 | 2141 | rBV  | 173268 | 302042  | 14.18% | 1.762% |
| 52 | 8.144 | 2240 | 2256 | 2292 | rBV  | 577642 | 1049673 | 49.26% | 6.123% |
| 53 | 8.469 | 2354 | 2357 | 2364 | rVB4 | 789    | 821     | 0.04%  | 0.005% |
| 54 | 8.736 | 2436 | 2440 | 2441 | rBV  | 551    | 320     | 0.02%  | 0.002% |
| 55 | 8.835 | 2465 | 2471 | 2475 | rVB6 | 819    | 1058    | 0.05%  | 0.006% |
| 56 | 8.903 | 2475 | 2492 | 2517 | rBV  | 926492 | 1514381 | 71.07% | 8.834% |
| 57 | 9.183 | 2573 | 2579 | 2580 | rBV3 | 2303   | 1969    | 0.09%  | 0.011% |
| 58 | 9.244 | 2594 | 2598 | 2601 | rBV2 | 482    | 464     | 0.02%  | 0.003% |
| 59 | 9.282 | 2606 | 2610 | 2612 | rBV3 | 680    | 584     | 0.03%  | 0.003% |
| 60 | 9.321 | 2620 | 2622 | 2629 | rVB2 | 528    | 505     | 0.02%  | 0.003% |
| 61 | 9.382 | 2639 | 2641 | 2643 | rBV3 | 299    | 167     | 0.01%  | 0.001% |
| 62 | 9.395 | 2643 | 2645 | 2648 | rVB2 | 515    | 261     | 0.01%  | 0.002% |
| 63 | 9.466 | 2665 | 2667 | 2672 | rVB2 | 375    | 271     | 0.01%  | 0.002% |
| 64 | 9.511 | 2678 | 2681 | 2685 | rVB3 | 363    | 290     | 0.01%  | 0.002% |
| 65 | 9.536 | 2685 | 2689 | 2690 | rBV2 | 314    | 173     | 0.01%  | 0.001% |
| 66 | 9.604 | 2698 | 2710 | 2719 | rBV7 | 2984   | 6255    | 0.29%  | 0.036% |
| 67 | 9.758 | 2755 | 2758 | 2761 | rBV2 | 502    | 397     | 0.02%  | 0.002% |
| 68 | 9.810 | 2767 | 2774 | 2776 | rBV3 | 528    | 593     | 0.03%  | 0.003% |
| 69 | 9.826 | 2776 | 2779 | 2783 | rVB3 | 429    | 302     | 0.01%  | 0.002% |
| 70 | 9.848 | 2783 | 2786 | 2787 | rBV2 | 517    | 250     | 0.01%  | 0.001% |
| 71 | 9.890 | 2796 | 2799 | 2801 | rBV2 | 313    | 179     | 0.01%  | 0.001% |

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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

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 9.935  | 2810 | 2813 | 2814 | rBV2 | 278    | 169     | 0.01%  | 0.001% |
| 73  | 9.980  | 2819 | 2827 | 2828 | rBV5 | 1358   | 1467    | 0.07%  | 0.009% |
| 74  | 10.105 | 2861 | 2866 | 2868 | rVB2 | 243    | 211     | 0.01%  | 0.001% |
| 75  | 10.122 | 2868 | 2871 | 2875 | rBV3 | 384    | 300     | 0.01%  | 0.002% |
| 76  | 10.150 | 2877 | 2880 | 2882 | rBV  | 314    | 219     | 0.01%  | 0.001% |
| 77  | 10.183 | 2887 | 2890 | 2893 | rVB3 | 568    | 414     | 0.02%  | 0.002% |
| 78  | 10.208 | 2893 | 2898 | 2902 | rVB3 | 355    | 370     | 0.02%  | 0.002% |
| 79  | 10.266 | 2902 | 2916 | 2949 | rBV  | 641567 | 1032375 | 48.45% | 6.022% |
| 80  | 10.427 | 2958 | 2966 | 2974 | rBV4 | 1424   | 2570    | 0.12%  | 0.015% |
| 81  | 10.523 | 2992 | 2996 | 2999 | rBV3 | 640    | 537     | 0.03%  | 0.003% |
| 82  | 10.623 | 3023 | 3027 | 3031 | rBV3 | 691    | 588     | 0.03%  | 0.003% |
| 83  | 10.662 | 3036 | 3039 | 3043 | rBV2 | 416    | 386     | 0.02%  | 0.002% |
| 84  | 10.749 | 3063 | 3066 | 3072 | rBV4 | 435    | 351     | 0.02%  | 0.002% |
| 85  | 10.839 | 3088 | 3094 | 3100 | rVB2 | 606    | 820     | 0.04%  | 0.005% |
| 86  | 11.019 | 3148 | 3150 | 3153 | rBV  | 337    | 214     | 0.01%  | 0.001% |
| 87  | 11.150 | 3189 | 3191 | 3194 | rVB2 | 348    | 170     | 0.01%  | 0.001% |
| 88  | 11.234 | 3209 | 3217 | 3225 | rVB5 | 5418   | 7765    | 0.36%  | 0.045% |
| 89  | 11.298 | 3225 | 3237 | 3263 | rBV  | 706851 | 1155646 | 54.24% | 6.741% |
| 90  | 11.514 | 3301 | 3304 | 3306 | rBV2 | 415    | 281     | 0.01%  | 0.002% |
| 91  | 11.565 | 3317 | 3320 | 3322 | rBV2 | 457    | 309     | 0.01%  | 0.002% |
| 92  | 11.678 | 3342 | 3355 | 3377 | rBV  | 773310 | 1264431 | 59.34% | 7.376% |
| 93  | 12.121 | 3487 | 3493 | 3495 | rBV5 | 573    | 604     | 0.03%  | 0.004% |
| 94  | 12.228 | 3520 | 3526 | 3529 | rBV2 | 674    | 812     | 0.04%  | 0.005% |
| 95  | 12.411 | 3580 | 3583 | 3587 | rBV3 | 685    | 544     | 0.03%  | 0.003% |
| 96  | 12.703 | 3666 | 3674 | 3682 | rVB5 | 5778   | 8469    | 0.40%  | 0.049% |
| 97  | 12.864 | 3722 | 3724 | 3730 | rVB4 | 604    | 456     | 0.02%  | 0.003% |
| 98  | 12.890 | 3730 | 3732 | 3733 | rBV  | 473    | 209     | 0.01%  | 0.001% |
| 99  | 13.321 | 3858 | 3866 | 3871 | rBV6 | 4469   | 6513    | 0.31%  | 0.038% |
| 100 | 13.806 | 4010 | 4017 | 4027 | rVB8 | 3753   | 6218    | 0.29%  | 0.036% |

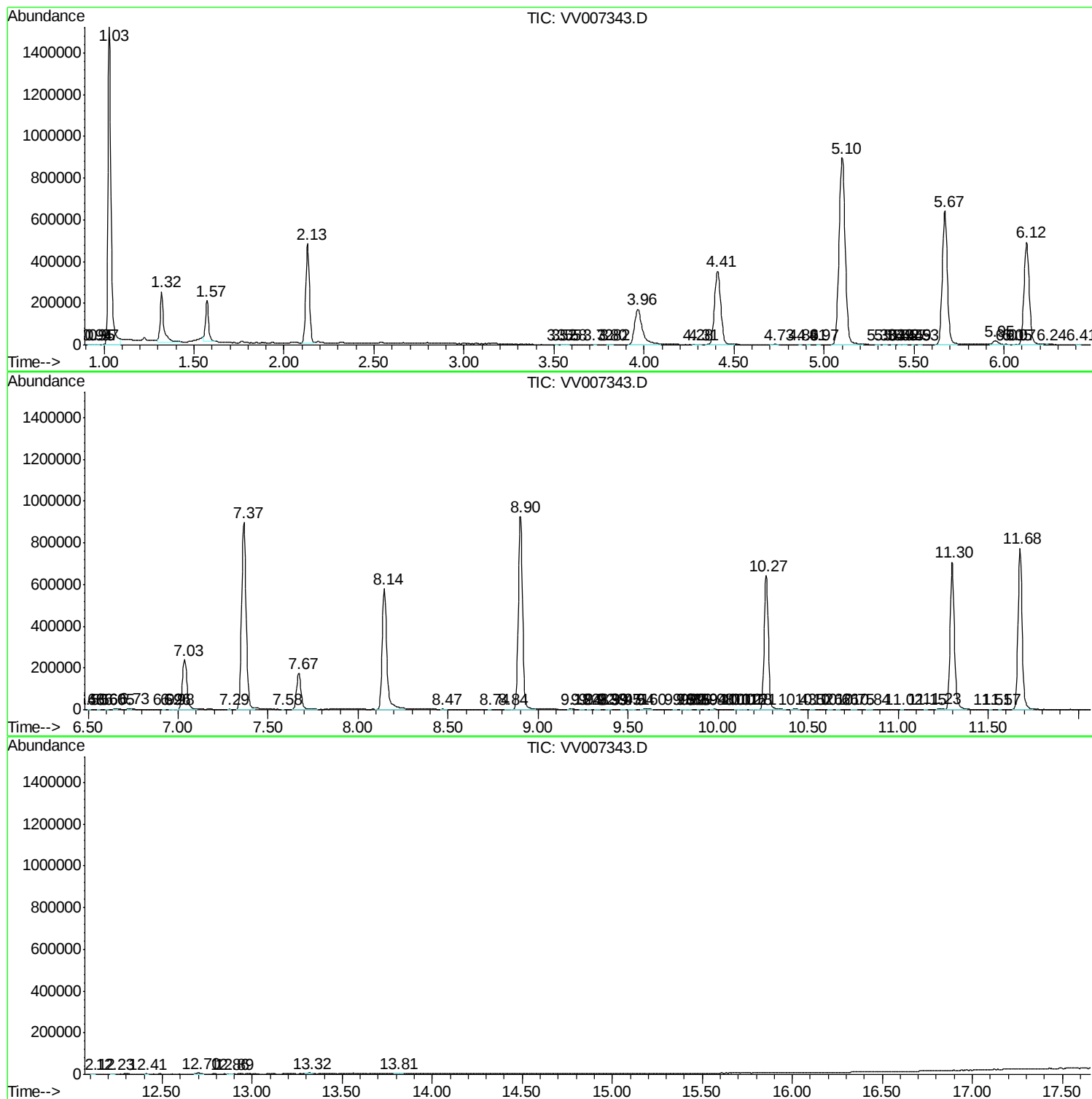
Sum of corrected areas: 17142774

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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        |