

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122320\  
 Data File : VV019818.D  
 Acq On : 23 Dec 2020 17:46  
 Operator : SY/MD  
 Sample : L5173-16 100X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4S9

## 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\SOMVLM121020WMA.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      | 1.306    | 60         | 67       | 80        | rVB   | 360619      | 364610     | 3.35%        | 1.155%     |
| 2      | 1.569    | 141        | 149      | 162       | rVB   | 304880      | 341508     | 3.14%        | 1.082%     |
| 3      | 2.109    | 306        | 317      | 351       | rVB   | 608221      | 940638     | 8.66%        | 2.979%     |
| 4      | 2.383    | 399        | 402      | 406       | rBV5  | 1079        | 824        | 0.01%        | 0.003%     |
| 5      | 2.515    | 437        | 443      | 451       | rVB5  | 4153        | 6982       | 0.06%        | 0.022%     |
| 6      | 2.672    | 489        | 492      | 496       | rVB4  | 834         | 539        | 0.00%        | 0.002%     |
| 7      | 2.756    | 515        | 518      | 519       | rBV2  | 1076        | 608        | 0.01%        | 0.002%     |
| 8      | 2.846    | 545        | 546      | 549       | rVB2  | 1146        | 546        | 0.01%        | 0.002%     |
| 9      | 2.865    | 549        | 552      | 554       | rBV2  | 857         | 540        | 0.00%        | 0.002%     |
| 10     | 2.971    | 583        | 585      | 591       | rVB4  | 1009        | 902        | 0.01%        | 0.003%     |
| 11     | 3.032    | 597        | 604      | 605       | rBV6  | 1763        | 1611       | 0.01%        | 0.005%     |
| 12     | 3.129    | 631        | 634      | 637       | rVV3  | 935         | 577        | 0.01%        | 0.002%     |
| 13     | 3.341    | 697        | 700      | 703       | rVB4  | 1108        | 729        | 0.01%        | 0.002%     |
| 14     | 3.473    | 738        | 741      | 744       | rVV3  | 795         | 491        | 0.00%        | 0.002%     |
| 15     | 3.550    | 760        | 765      | 770       | rBV3  | 821         | 964        | 0.01%        | 0.003%     |
| 16     | 3.695    | 805        | 810      | 813       | rBV3  | 547         | 529        | 0.00%        | 0.002%     |
| 17     | 3.724    | 814        | 819      | 824       | rBV5  | 785         | 750        | 0.01%        | 0.002%     |
| 18     | 3.894    | 860        | 872      | 908       | rBV   | 192463      | 629924     | 5.80%        | 1.995%     |
| 19     | 4.351    | 997        | 1014     | 1040      | rBV   | 410669      | 1015239    | 9.34%        | 3.215%     |
| 20     | 4.733    | 1129       | 1133     | 1137      | rBV5  | 740         | 620        | 0.01%        | 0.002%     |
| 21     | 4.785    | 1144       | 1149     | 1152      | rBV5  | 1242        | 931        | 0.01%        | 0.003%     |
| 22     | 4.891    | 1180       | 1182     | 1186      | rBV2  | 770         | 520        | 0.00%        | 0.002%     |
| 23     | 4.961    | 1202       | 1204     | 1208      | rVB5  | 1256        | 708        | 0.01%        | 0.002%     |
| 24     | 5.051    | 1214       | 1232     | 1266      | rBV2  | 1010997     | 2619092    | 24.10%       | 8.295%     |
| 25     | 5.277    | 1299       | 1302     | 1304      | rBV3  | 983         | 624        | 0.01%        | 0.002%     |
| 26     | 5.399    | 1338       | 1340     | 1345      | rVB4  | 679         | 472        | 0.00%        | 0.001%     |
| 27     | 5.469    | 1358       | 1362     | 1364      | rBV3  | 605         | 472        | 0.00%        | 0.001%     |
| 28     | 5.566    | 1386       | 1392     | 1396      | rBV7  | 569         | 536        | 0.00%        | 0.002%     |
| 29     | 5.621    | 1396       | 1409     | 1438      | rBV   | 863125      | 1721862    | 15.84%       | 5.453%     |
| 30     | 5.849    | 1478       | 1480     | 1481      | rBV2  | 925         | 449        | 0.00%        | 0.001%     |
| 31     | 5.920    | 1487       | 1502     | 1533      | rBV2  | 251981      | 540817     | 4.98%        | 1.713%     |
| 32     | 6.074    | 1537       | 1550     | 1578      | rBV   | 583421      | 1184028    | 10.89%       | 3.750%     |
| 33     | 6.373    | 1639       | 1643     | 1646      | rBV3  | 822         | 688        | 0.01%        | 0.002%     |
| 34     | 6.415    | 1651       | 1656     | 1657      | rBV3  | 1153        | 905        | 0.01%        | 0.003%     |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121020WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |          |         |         |
|----|--------|------|------|------|------|---------|----------|---------|---------|
| 35 | 6.428  | 1657 | 1660 | 1664 | rVB3 | 806     | 784      | 0.01%   | 0.002%  |
| 36 | 6.569  | 1700 | 1704 | 1707 | rBV4 | 780     | 559      | 0.01%   | 0.002%  |
| 37 | 6.624  | 1718 | 1721 | 1724 | rBV5 | 892     | 666      | 0.01%   | 0.002%  |
| 38 | 6.762  | 1762 | 1764 | 1768 | rVB3 | 1327    | 729      | 0.01%   | 0.002%  |
| 39 | 6.788  | 1770 | 1772 | 1775 | rVV3 | 651     | 471      | 0.00%   | 0.001%  |
| 40 | 6.945  | 1819 | 1821 | 1823 | rBV2 | 1135    | 706      | 0.01%   | 0.002%  |
| 41 | 6.990  | 1823 | 1835 | 1860 | rVV  | 326615  | 592509   | 5.45%   | 1.877%  |
| 42 | 7.318  | 1925 | 1937 | 1969 | rBV  | 1161354 | 2011807  | 18.51%  | 6.372%  |
| 43 | 7.627  | 2022 | 2033 | 2058 | rBV  | 226369  | 392146   | 3.61%   | 1.242%  |
| 44 | 7.900  | 2117 | 2118 | 2123 | rVB4 | 610     | 516      | 0.00%   | 0.002%  |
| 45 | 7.981  | 2128 | 2143 | 2165 | rBV  | 6520223 | 10867880 | 100.00% | 34.421% |
| 46 | 8.093  | 2168 | 2178 | 2210 | rVB  | 644746  | 1200877  | 11.05%  | 3.803%  |
| 47 | 8.373  | 2263 | 2265 | 2269 | rVB3 | 895     | 548      | 0.01%   | 0.002%  |
| 48 | 8.617  | 2336 | 2341 | 2343 | rBV6 | 1267    | 1019     | 0.01%   | 0.003%  |
| 49 | 8.688  | 2358 | 2363 | 2365 | rBV4 | 1053    | 1107     | 0.01%   | 0.004%  |
| 50 | 8.858  | 2403 | 2416 | 2445 | rBV  | 1292540 | 2089923  | 19.23%  | 6.619%  |
| 51 | 9.206  | 2522 | 2524 | 2530 | rVB6 | 1124    | 873      | 0.01%   | 0.003%  |
| 52 | 9.235  | 2530 | 2533 | 2534 | rBV2 | 1076    | 465      | 0.00%   | 0.001%  |
| 53 | 9.344  | 2563 | 2567 | 2569 | rVB3 | 910     | 543      | 0.00%   | 0.002%  |
| 54 | 9.366  | 2571 | 2574 | 2576 | rBV2 | 575     | 481      | 0.00%   | 0.002%  |
| 55 | 9.392  | 2579 | 2582 | 2586 | rVV3 | 923     | 500      | 0.00%   | 0.002%  |
| 56 | 9.434  | 2593 | 2595 | 2600 | rVB5 | 944     | 766      | 0.01%   | 0.002%  |
| 57 | 9.463  | 2600 | 2604 | 2606 | rBV4 | 845     | 642      | 0.01%   | 0.002%  |
| 58 | 9.501  | 2612 | 2616 | 2619 | rVB5 | 994     | 628      | 0.01%   | 0.002%  |
| 59 | 9.630  | 2653 | 2656 | 2659 | rBV2 | 740     | 530      | 0.00%   | 0.002%  |
| 60 | 9.710  | 2677 | 2681 | 2684 | rBV4 | 841     | 766      | 0.01%   | 0.002%  |
| 61 | 9.810  | 2708 | 2712 | 2713 | rBV4 | 1032    | 772      | 0.01%   | 0.002%  |
| 62 | 9.919  | 2742 | 2746 | 2748 | rVV3 | 673     | 472      | 0.00%   | 0.001%  |
| 63 | 9.939  | 2748 | 2752 | 2759 | rVB6 | 1098    | 1608     | 0.01%   | 0.005%  |
| 64 | 9.977  | 2761 | 2764 | 2767 | rBV2 | 821     | 580      | 0.01%   | 0.002%  |
| 65 | 10.058 | 2787 | 2789 | 2793 | rVB3 | 908     | 548      | 0.01%   | 0.002%  |
| 66 | 10.141 | 2812 | 2815 | 2817 | rBV2 | 966     | 569      | 0.01%   | 0.002%  |
| 67 | 10.222 | 2826 | 2840 | 2860 | rBV  | 717736  | 1114424  | 10.25%  | 3.530%  |
| 68 | 10.427 | 2902 | 2904 | 2909 | rBV3 | 829     | 699      | 0.01%   | 0.002%  |
| 69 | 10.585 | 2948 | 2953 | 2954 | rBV4 | 845     | 709      | 0.01%   | 0.002%  |
| 70 | 10.717 | 2989 | 2994 | 2998 | rVB6 | 1191    | 1175     | 0.01%   | 0.004%  |
| 71 | 10.935 | 3058 | 3062 | 3066 | rVB4 | 542     | 456      | 0.00%   | 0.001%  |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121020WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 11.199 | 3140 | 3144 | 3147 | rBV5 | 1374    | 1043    | 0.01%  | 0.003% |
| 73  | 11.257 | 3149 | 3162 | 3185 | rBV  | 1323501 | 2061238 | 18.97% | 6.528% |
| 74  | 11.553 | 3250 | 3254 | 3256 | rBV3 | 982     | 841     | 0.01%  | 0.003% |
| 75  | 11.633 | 3266 | 3279 | 3300 | rVV  | 1151132 | 1809359 | 16.65% | 5.731% |
| 76  | 11.736 | 3309 | 3311 | 3314 | rBV3 | 972     | 494     | 0.00%  | 0.002% |
| 77  | 11.868 | 3348 | 3352 | 3356 | rBV4 | 1038    | 841     | 0.01%  | 0.003% |
| 78  | 11.955 | 3376 | 3379 | 3380 | rBV2 | 963     | 549     | 0.01%  | 0.002% |
| 79  | 12.292 | 3479 | 3484 | 3486 | rBV4 | 839     | 691     | 0.01%  | 0.002% |
| 80  | 12.350 | 3500 | 3502 | 3505 | rBV  | 773     | 474     | 0.00%  | 0.002% |
| 81  | 12.485 | 3541 | 3544 | 3547 | rBV4 | 885     | 564     | 0.01%  | 0.002% |
| 82  | 12.604 | 3577 | 3581 | 3583 | rBV3 | 989     | 587     | 0.01%  | 0.002% |
| 83  | 12.881 | 3663 | 3667 | 3670 | rVB2 | 791     | 754     | 0.01%  | 0.002% |
| 84  | 12.903 | 3670 | 3674 | 3676 | rBV4 | 781     | 648     | 0.01%  | 0.002% |
| 85  | 12.961 | 3686 | 3692 | 3693 | rBV2 | 793     | 770     | 0.01%  | 0.002% |
| 86  | 13.514 | 3862 | 3864 | 3867 | rBV3 | 668     | 483     | 0.00%  | 0.002% |
| 87  | 13.572 | 3878 | 3882 | 3884 | rVB3 | 756     | 485     | 0.00%  | 0.002% |
| 88  | 13.614 | 3890 | 3895 | 3898 | rBV3 | 1330    | 1236    | 0.01%  | 0.004% |
| 89  | 13.787 | 3947 | 3949 | 3954 | rVB4 | 961     | 512     | 0.00%  | 0.002% |
| 90  | 14.029 | 4022 | 4024 | 4031 | rVB6 | 1264    | 1288    | 0.01%  | 0.004% |
| 91  | 14.061 | 4031 | 4034 | 4039 | rBV4 | 1037    | 1133    | 0.01%  | 0.004% |
| 92  | 14.090 | 4040 | 4043 | 4047 | rBV2 | 909     | 722     | 0.01%  | 0.002% |
| 93  | 14.193 | 4072 | 4075 | 4078 | rBV3 | 1037    | 712     | 0.01%  | 0.002% |
| 94  | 14.395 | 4136 | 4138 | 4140 | rBV3 | 736     | 451     | 0.00%  | 0.001% |
| 95  | 14.443 | 4150 | 4153 | 4156 | rBV2 | 805     | 555     | 0.01%  | 0.002% |
| 96  | 14.652 | 4215 | 4218 | 4222 | rBV4 | 1095    | 993     | 0.01%  | 0.003% |
| 97  | 14.865 | 4280 | 4284 | 4287 | rBV4 | 1014    | 691     | 0.01%  | 0.002% |
| 98  | 15.209 | 4388 | 4391 | 4396 | rVB4 | 1384    | 1016    | 0.01%  | 0.003% |
| 99  | 15.572 | 4500 | 4504 | 4506 | rBV4 | 999     | 949     | 0.01%  | 0.003% |
| 100 | 16.231 | 4705 | 4709 | 4719 | rVB  | 14920   | 11909   | 0.11%  | 0.038% |

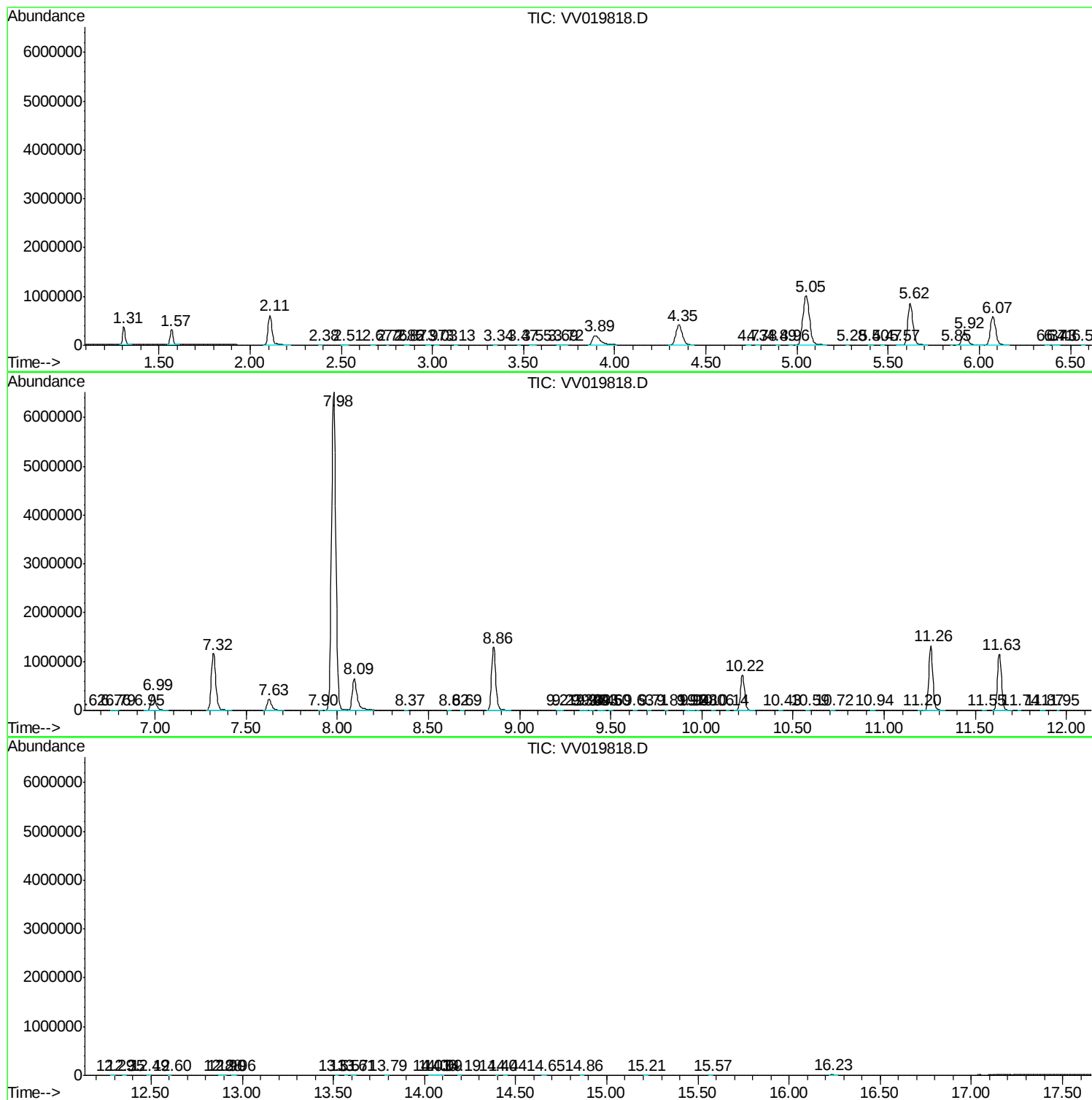
Sum of corrected areas: 31573676

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121020WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV122320\  
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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        |