

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\  
 Data File : VV015202.D  
 Acq On : 27 Mar 2020 10:34  
 Operator : SY/MD  
 Sample : L1976-12  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETTJ1

## 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\SOMVLM032620WMA.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      | 1.319    | 64         | 71       | 87        | rVB2  | 683078      | 755464     | 48.52%       | 5.114%     |
| 2      | 1.579    | 147        | 152      | 162       | rVB   | 196236      | 218310     | 14.02%       | 1.478%     |
| 3      | 2.119    | 314        | 320      | 349       | rVB   | 432578      | 693450     | 44.54%       | 4.695%     |
| 4      | 3.171    | 644        | 647      | 649       | rVB3  | 2174        | 1245       | 0.08%        | 0.008%     |
| 5      | 3.196    | 649        | 655      | 659       | rBV7  | 3895        | 5018       | 0.32%        | 0.034%     |
| 6      | 3.264    | 673        | 676      | 679       | rBV4  | 2040        | 1754       | 0.11%        | 0.012%     |
| 7      | 3.354    | 701        | 704      | 708       | rBV6  | 3312        | 3063       | 0.20%        | 0.021%     |
| 8      | 3.473    | 739        | 741      | 743       | rBV3  | 1482        | 894        | 0.06%        | 0.006%     |
| 9      | 3.515    | 749        | 754      | 758       | rBV7  | 2396        | 2238       | 0.14%        | 0.015%     |
| 10     | 3.576    | 769        | 773      | 774       | rBV4  | 1374        | 1037       | 0.07%        | 0.007%     |
| 11     | 3.688    | 805        | 808      | 812       | rBV5  | 1839        | 1673       | 0.11%        | 0.011%     |
| 12     | 3.775    | 832        | 835      | 839       | rBV5  | 1562        | 1190       | 0.08%        | 0.008%     |
| 13     | 3.942    | 873        | 887      | 923       | rBV3  | 290254      | 830156     | 53.32%       | 5.620%     |
| 14     | 4.380    | 1006       | 1023     | 1043      | rBV   | 262167      | 652773     | 41.92%       | 4.419%     |
| 15     | 4.736    | 1130       | 1134     | 1136      | rBV4  | 3150        | 2955       | 0.19%        | 0.020%     |
| 16     | 5.074    | 1221       | 1239     | 1265      | rBV2  | 617214      | 1557025    | 100.00%      | 10.541%    |
| 17     | 5.473    | 1361       | 1363     | 1365      | rBV3  | 1591        | 873        | 0.06%        | 0.006%     |
| 18     | 5.643    | 1403       | 1416     | 1449      | rBV   | 631969      | 1259650    | 80.90%       | 8.528%     |
| 19     | 5.942    | 1495       | 1509     | 1521      | rBV5  | 35145       | 78672      | 5.05%        | 0.533%     |
| 20     | 6.096    | 1542       | 1557     | 1578      | rBV   | 359808      | 740270     | 47.54%       | 5.012%     |
| 21     | 6.334    | 1626       | 1631     | 1632      | rBV5  | 1871        | 1459       | 0.09%        | 0.010%     |
| 22     | 6.431    | 1659       | 1661     | 1664      | rVB5  | 2346        | 1429       | 0.09%        | 0.010%     |
| 23     | 6.492    | 1677       | 1680     | 1682      | rBV3  | 1269        | 1078       | 0.07%        | 0.007%     |
| 24     | 6.521    | 1687       | 1689     | 1693      | rVB4  | 2818        | 1685       | 0.11%        | 0.011%     |
| 25     | 6.547    | 1693       | 1697     | 1702      | rBV7  | 2205        | 2418       | 0.16%        | 0.016%     |
| 26     | 6.601    | 1711       | 1714     | 1717      | rBV4  | 2034        | 1536       | 0.10%        | 0.010%     |
| 27     | 6.727    | 1749       | 1753     | 1755      | rBV5  | 1689        | 1192       | 0.08%        | 0.008%     |
| 28     | 7.010    | 1828       | 1841     | 1861      | rBV   | 223148      | 410725     | 26.38%       | 2.781%     |
| 29     | 7.145    | 1881       | 1883     | 1887      | rVB5  | 2443        | 1962       | 0.13%        | 0.013%     |
| 30     | 7.267    | 1919       | 1921     | 1924      | rVB3  | 2996        | 1602       | 0.10%        | 0.011%     |
| 31     | 7.338    | 1931       | 1943     | 1960      | rBV   | 725839      | 1247300    | 80.11%       | 8.444%     |
| 32     | 7.643    | 2028       | 2038     | 2059      | rVV   | 166296      | 282147     | 18.12%       | 1.910%     |
| 33     | 7.810    | 2086       | 2090     | 2092      | rBV5  | 1403        | 1057       | 0.07%        | 0.007%     |
| 34     | 7.830    | 2094       | 2096     | 2100      | rVB5  | 1758        | 851        | 0.05%        | 0.006%     |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM032620WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 35 | 8.000  | 2145 | 2149 | 2156 | rBV9 | 2210   | 2379    | 0.15%  | 0.016%  |
| 36 | 8.116  | 2174 | 2185 | 2219 | rBV2 | 437203 | 896575  | 57.58% | 6.070%  |
| 37 | 8.370  | 2261 | 2264 | 2266 | rBV5 | 2104   | 1459    | 0.09%  | 0.010%  |
| 38 | 8.508  | 2303 | 2307 | 2311 | rVV7 | 2072   | 2026    | 0.13%  | 0.014%  |
| 39 | 8.653  | 2347 | 2352 | 2353 | rBV5 | 1408   | 1153    | 0.07%  | 0.008%  |
| 40 | 8.704  | 2365 | 2368 | 2370 | rBV4 | 2008   | 1280    | 0.08%  | 0.009%  |
| 41 | 8.765  | 2384 | 2387 | 2388 | rBV3 | 1862   | 1105    | 0.07%  | 0.007%  |
| 42 | 8.874  | 2409 | 2421 | 2441 | rBV  | 973366 | 1547276 | 99.37% | 10.475% |
| 43 | 9.392  | 2579 | 2582 | 2583 | rBV3 | 1460   | 829     | 0.05%  | 0.006%  |
| 44 | 9.421  | 2589 | 2591 | 2595 | rBV5 | 1815   | 1390    | 0.09%  | 0.009%  |
| 45 | 9.440  | 2595 | 2597 | 2599 | rVV3 | 2216   | 1000    | 0.06%  | 0.007%  |
| 46 | 9.460  | 2599 | 2603 | 2606 | rVB4 | 2230   | 1558    | 0.10%  | 0.011%  |
| 47 | 9.492  | 2611 | 2613 | 2618 | rVB5 | 1977   | 1131    | 0.07%  | 0.008%  |
| 48 | 9.588  | 2639 | 2643 | 2644 | rBV4 | 3289   | 2288    | 0.15%  | 0.015%  |
| 49 | 9.637  | 2656 | 2658 | 2660 | rBV3 | 2400   | 1563    | 0.10%  | 0.011%  |
| 50 | 9.720  | 2682 | 2684 | 2691 | rVB7 | 2119   | 2108    | 0.14%  | 0.014%  |
| 51 | 9.772  | 2694 | 2700 | 2701 | rBV4 | 2025   | 1638    | 0.11%  | 0.011%  |
| 52 | 9.858  | 2725 | 2727 | 2731 | rVB4 | 2128   | 866     | 0.06%  | 0.006%  |
| 53 | 9.916  | 2743 | 2745 | 2748 | rVB2 | 2397   | 1351    | 0.09%  | 0.009%  |
| 54 | 10.051 | 2780 | 2787 | 2791 | rBV8 | 1751   | 2434    | 0.16%  | 0.016%  |
| 55 | 10.083 | 2796 | 2797 | 2800 | rBV3 | 1825   | 1101    | 0.07%  | 0.007%  |
| 56 | 10.112 | 2804 | 2806 | 2811 | rVB5 | 2163   | 1576    | 0.10%  | 0.011%  |
| 57 | 10.138 | 2811 | 2814 | 2817 | rBV5 | 1961   | 1687    | 0.11%  | 0.011%  |
| 58 | 10.238 | 2831 | 2845 | 2860 | rBV  | 523969 | 834092  | 53.57% | 5.647%  |
| 59 | 10.376 | 2886 | 2888 | 2892 | rVB5 | 2158   | 1164    | 0.07%  | 0.008%  |
| 60 | 10.399 | 2892 | 2895 | 2896 | rBV3 | 1710   | 1046    | 0.07%  | 0.007%  |
| 61 | 10.444 | 2906 | 2909 | 2912 | rBV3 | 2184   | 1504    | 0.10%  | 0.010%  |
| 62 | 10.485 | 2916 | 2922 | 2923 | rBV5 | 2347   | 1877    | 0.12%  | 0.013%  |
| 63 | 10.591 | 2951 | 2955 | 2959 | rVB6 | 2800   | 2276    | 0.15%  | 0.015%  |
| 64 | 10.620 | 2959 | 2964 | 2966 | rBV5 | 2061   | 1894    | 0.12%  | 0.013%  |
| 65 | 10.675 | 2978 | 2981 | 2984 | rBV5 | 1970   | 1309    | 0.08%  | 0.009%  |
| 66 | 10.778 | 3011 | 3013 | 3016 | rVB3 | 1870   | 903     | 0.06%  | 0.006%  |
| 67 | 10.817 | 3022 | 3025 | 3029 | rBV4 | 2581   | 1942    | 0.12%  | 0.013%  |
| 68 | 10.852 | 3033 | 3036 | 3038 | rBV4 | 1352   | 941     | 0.06%  | 0.006%  |
| 69 | 10.939 | 3060 | 3063 | 3064 | rVV3 | 1873   | 858     | 0.06%  | 0.006%  |
| 70 | 11.022 | 3082 | 3089 | 3093 | rBB8 | 1793   | 2268    | 0.15%  | 0.015%  |
| 71 | 11.045 | 3093 | 3096 | 3098 | rBV3 | 1601   | 907     | 0.06%  | 0.006%  |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM032620WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 11.071 | 3101 | 3104 | 3105 | rBV3 | 2060   | 1255    | 0.08%  | 0.008% |
| 73  | 11.128 | 3119 | 3122 | 3123 | rBV3 | 1491   | 819     | 0.05%  | 0.006% |
| 74  | 11.180 | 3135 | 3138 | 3140 | rBV4 | 1747   | 1048    | 0.07%  | 0.007% |
| 75  | 11.273 | 3154 | 3167 | 3183 | rBV  | 920290 | 1427804 | 91.70% | 9.666% |
| 76  | 11.492 | 3232 | 3235 | 3237 | rBV3 | 2862   | 1877    | 0.12%  | 0.013% |
| 77  | 11.649 | 3272 | 3284 | 3298 | rBV  | 775237 | 1211175 | 77.79% | 8.200% |
| 78  | 11.804 | 3329 | 3332 | 3334 | rBV4 | 2266   | 1043    | 0.07%  | 0.007% |
| 79  | 11.868 | 3349 | 3352 | 3355 | rBV6 | 1777   | 1217    | 0.08%  | 0.008% |
| 80  | 11.971 | 3381 | 3384 | 3386 | rBV5 | 2522   | 1620    | 0.10%  | 0.011% |
| 81  | 12.067 | 3411 | 3414 | 3418 | rBV6 | 1658   | 1327    | 0.09%  | 0.009% |
| 82  | 12.135 | 3432 | 3435 | 3440 | rBV6 | 1359   | 1141    | 0.07%  | 0.008% |
| 83  | 12.209 | 3453 | 3458 | 3461 | rBV6 | 1421   | 1212    | 0.08%  | 0.008% |
| 84  | 12.296 | 3481 | 3485 | 3489 | rBV7 | 1418   | 972     | 0.06%  | 0.007% |
| 85  | 12.456 | 3530 | 3535 | 3538 | rBV7 | 2397   | 2146    | 0.14%  | 0.015% |
| 86  | 12.517 | 3550 | 3554 | 3556 | rBV4 | 2267   | 1769    | 0.11%  | 0.012% |
| 87  | 12.624 | 3584 | 3587 | 3589 | rBV4 | 1659   | 1075    | 0.07%  | 0.007% |
| 88  | 12.701 | 3609 | 3611 | 3614 | rBV4 | 2403   | 1186    | 0.08%  | 0.008% |
| 89  | 12.755 | 3626 | 3628 | 3632 | rBV5 | 1958   | 1270    | 0.08%  | 0.009% |
| 90  | 12.990 | 3696 | 3701 | 3702 | rBV4 | 1788   | 1608    | 0.10%  | 0.011% |
| 91  | 13.083 | 3727 | 3730 | 3733 | rBV5 | 2676   | 1728    | 0.11%  | 0.012% |
| 92  | 13.157 | 3749 | 3753 | 3756 | rBV4 | 2494   | 2062    | 0.13%  | 0.014% |
| 93  | 13.177 | 3756 | 3759 | 3760 | rBV3 | 1963   | 846     | 0.05%  | 0.006% |
| 94  | 13.241 | 3777 | 3779 | 3782 | rBV3 | 1807   | 1267    | 0.08%  | 0.009% |
| 95  | 13.331 | 3804 | 3807 | 3810 | rBV3 | 1738   | 1667    | 0.11%  | 0.011% |
| 96  | 13.424 | 3832 | 3836 | 3840 | rBV7 | 2047   | 2360    | 0.15%  | 0.016% |
| 97  | 13.617 | 3894 | 3896 | 3901 | rVB6 | 1357   | 1042    | 0.07%  | 0.007% |
| 98  | 13.646 | 3901 | 3905 | 3908 | rBV4 | 2552   | 2283    | 0.15%  | 0.015% |
| 99  | 13.887 | 3977 | 3980 | 3983 | rBV4 | 1686   | 1146    | 0.07%  | 0.008% |
| 100 | 14.353 | 4121 | 4125 | 4129 | rBV6 | 2628   | 2419    | 0.16%  | 0.016% |

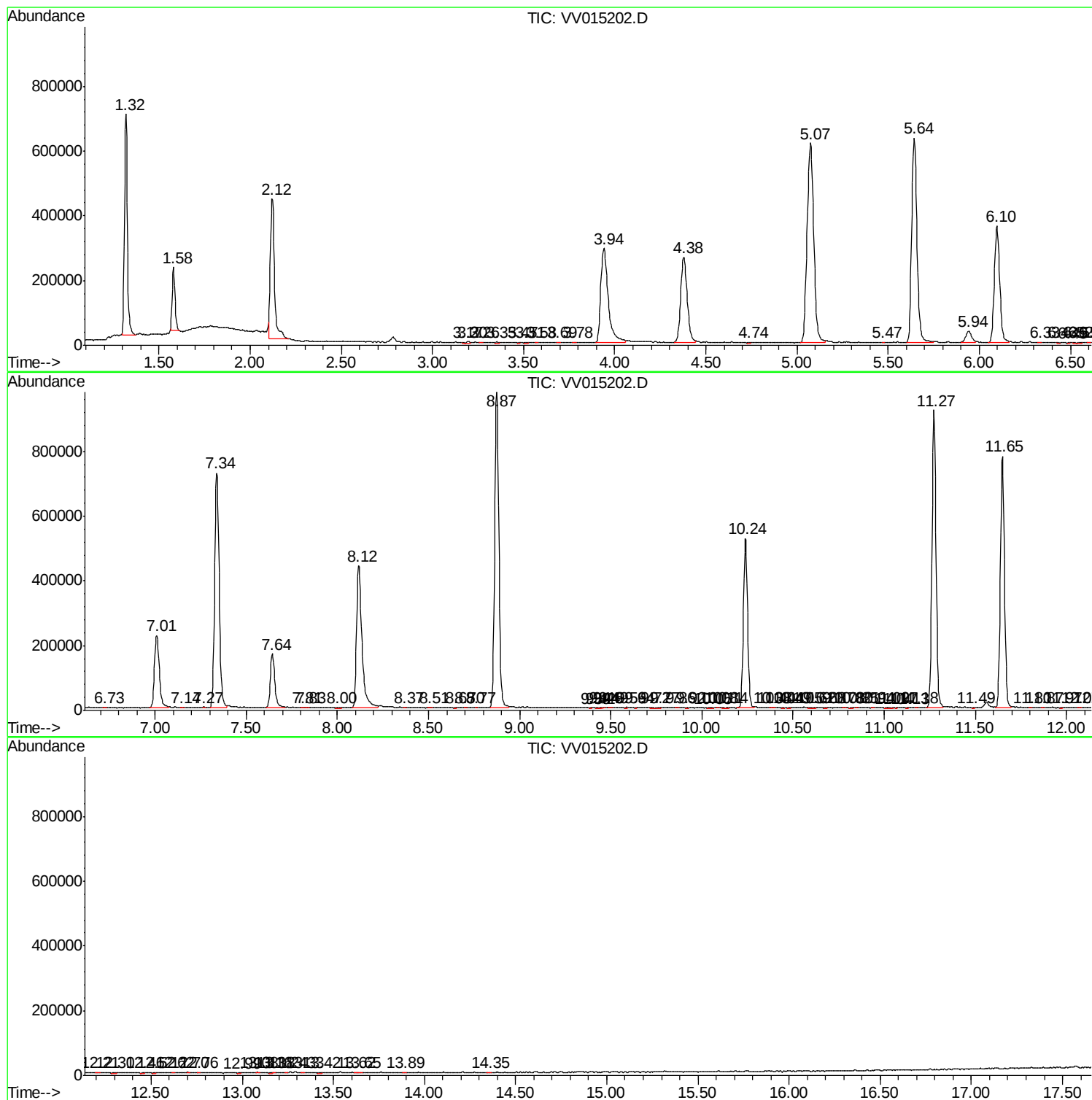
Sum of corrected areas: 14771289

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM032620WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV032620\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM032620WMA.M  
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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        |