

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031919\  
 Data File : VV009776.D  
 Acq On : 19 Mar 2019 14:24  
 Operator : SY/MD  
 Sample : VV0319WBL01  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK77

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\SOMVLM031719WMA.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       | 64            | 71          | 80           | rBV      | 81628          | 76706         | 14.94%          | 1.959%        |
| 2         | 1.560       | 140           | 146         | 160          | rVB      | 56971          | 70276         | 13.69%          | 1.795%        |
| 3         | 2.122       | 312           | 321         | 333          | rBV      | 143443         | 202520        | 39.44%          | 5.173%        |
| 4         | 2.315       | 377           | 381         | 384          | rBV2     | 764            | 608           | 0.12%           | 0.016%        |
| 5         | 2.431       | 415           | 417         | 419          | rBV      | 415            | 171           | 0.03%           | 0.004%        |
| 6         | 2.515       | 440           | 443         | 446          | rBV      | 820            | 671           | 0.13%           | 0.017%        |
| 7         | 2.618       | 470           | 475         | 479          | rBV2     | 944            | 949           | 0.18%           | 0.024%        |
| 8         | 2.640       | 479           | 482         | 485          | rBV      | 576            | 498           | 0.10%           | 0.013%        |
| 9         | 2.878       | 553           | 556         | 559          | rBV      | 423            | 312           | 0.06%           | 0.008%        |
| 10        | 2.965       | 579           | 583         | 586          | rBV2     | 795            | 615           | 0.12%           | 0.016%        |
| 11        | 3.032       | 601           | 604         | 606          | rBV      | 327            | 232           | 0.05%           | 0.006%        |
| 12        | 3.216       | 657           | 661         | 665          | rBV      | 773            | 737           | 0.14%           | 0.019%        |
| 13        | 3.299       | 682           | 687         | 693          | rVB      | 641            | 713           | 0.14%           | 0.018%        |
| 14        | 3.344       | 693           | 701         | 707          | rVB      | 601            | 927           | 0.18%           | 0.024%        |
| 15        | 3.380       | 707           | 712         | 715          | rBV      | 686            | 717           | 0.14%           | 0.018%        |
| 16        | 3.415       | 719           | 723         | 724          | rBV      | 489            | 315           | 0.06%           | 0.008%        |
| 17        | 3.460       | 735           | 737         | 739          | rBV2     | 334            | 197           | 0.04%           | 0.005%        |
| 18        | 3.534       | 754           | 760         | 762          | rBV2     | 849            | 737           | 0.14%           | 0.019%        |
| 19        | 3.547       | 762           | 764         | 768          | rVV2     | 311            | 242           | 0.05%           | 0.006%        |
| 20        | 3.817       | 844           | 848         | 850          | rBV2     | 611            | 482           | 0.09%           | 0.012%        |
| 21        | 3.878       | 864           | 867         | 870          | rBV      | 538            | 385           | 0.07%           | 0.010%        |
| 22        | 3.926       | 870           | 882         | 902          | rBV      | 34522          | 89422         | 17.42%          | 2.284%        |
| 23        | 4.113       | 936           | 940         | 945          | rBV2     | 603            | 804           | 0.16%           | 0.021%        |
| 24        | 4.238       | 977           | 979         | 982          | rBV      | 422            | 228           | 0.04%           | 0.006%        |
| 25        | 4.296       | 995           | 997         | 1000         | rVB      | 677            | 402           | 0.08%           | 0.010%        |
| 26        | 4.312       | 1000          | 1002        | 1004         | rBV      | 277            | 179           | 0.03%           | 0.005%        |
| 27        | 4.331       | 1004          | 1008        | 1010         | rBV      | 499            | 415           | 0.08%           | 0.011%        |
| 28        | 4.396       | 1014          | 1028        | 1052         | rVV      | 81131          | 199061        | 38.77%          | 5.085%        |
| 29        | 4.608       | 1090          | 1094        | 1096         | rBV      | 577            | 527           | 0.10%           | 0.013%        |
| 30        | 4.688       | 1113          | 1119        | 1121         | rBV2     | 585            | 604           | 0.12%           | 0.015%        |
| 31        | 4.740       | 1132          | 1135        | 1137         | rBV      | 580            | 415           | 0.08%           | 0.011%        |
| 32        | 4.782       | 1144          | 1148        | 1152         | rVB      | 698            | 528           | 0.10%           | 0.013%        |
| 33        | 4.807       | 1152          | 1156        | 1158         | rBV      | 512            | 420           | 0.08%           | 0.011%        |
| 34        | 4.929       | 1192          | 1194        | 1195         | rBV      | 350            | 161           | 0.03%           | 0.004%        |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM031719WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |         |         |
|----|-------|------|------|------|------|--------|--------|---------|---------|
| 35 | 5.013 | 1214 | 1220 | 1226 | rBV2 | 834    | 1307   | 0.25%   | 0.033%  |
| 36 | 5.093 | 1228 | 1245 | 1279 | rVV2 | 202225 | 513436 | 100.00% | 13.115% |
| 37 | 5.511 | 1372 | 1375 | 1376 | rBV  | 305    | 163    | 0.03%   | 0.004%  |
| 38 | 5.662 | 1409 | 1422 | 1443 | rBV2 | 160807 | 324963 | 63.29%  | 8.300%  |
| 39 | 5.862 | 1480 | 1484 | 1488 | rBV2 | 570    | 539    | 0.10%   | 0.014%  |
| 40 | 5.900 | 1493 | 1496 | 1497 | rBV2 | 403    | 201    | 0.04%   | 0.005%  |
| 41 | 6.116 | 1547 | 1563 | 1582 | rBV  | 110802 | 228936 | 44.59%  | 5.848%  |
| 42 | 6.396 | 1647 | 1650 | 1653 | rBV2 | 437    | 378    | 0.07%   | 0.010%  |
| 43 | 6.492 | 1677 | 1680 | 1683 | rBV  | 618    | 361    | 0.07%   | 0.009%  |
| 44 | 6.550 | 1693 | 1698 | 1700 | rBV2 | 501    | 493    | 0.10%   | 0.013%  |
| 45 | 6.608 | 1713 | 1716 | 1718 | rBV2 | 497    | 368    | 0.07%   | 0.009%  |
| 46 | 6.662 | 1728 | 1733 | 1736 | rBV  | 744    | 589    | 0.11%   | 0.015%  |
| 47 | 6.691 | 1736 | 1742 | 1747 | rBV2 | 1034   | 1353   | 0.26%   | 0.035%  |
| 48 | 6.798 | 1772 | 1775 | 1779 | rBV2 | 536    | 409    | 0.08%   | 0.010%  |
| 49 | 6.849 | 1784 | 1791 | 1799 | rBV  | 848    | 1335   | 0.26%   | 0.034%  |
| 50 | 6.884 | 1799 | 1802 | 1806 | rBV  | 521    | 440    | 0.09%   | 0.011%  |
| 51 | 6.904 | 1806 | 1808 | 1809 | rBV  | 314    | 143    | 0.03%   | 0.004%  |
| 52 | 7.029 | 1835 | 1847 | 1864 | rBV  | 64870  | 118708 | 23.12%  | 3.032%  |
| 53 | 7.158 | 1885 | 1887 | 1890 | rVB2 | 461    | 216    | 0.04%   | 0.006%  |
| 54 | 7.177 | 1890 | 1893 | 1894 | rBV  | 696    | 393    | 0.08%   | 0.010%  |
| 55 | 7.228 | 1906 | 1909 | 1910 | rBV  | 430    | 243    | 0.05%   | 0.006%  |
| 56 | 7.312 | 1932 | 1935 | 1937 | rBV  | 562    | 372    | 0.07%   | 0.010%  |
| 57 | 7.357 | 1937 | 1949 | 1969 | rBV  | 243944 | 436125 | 84.94%  | 11.140% |
| 58 | 7.624 | 2028 | 2032 | 2034 | rBV2 | 880    | 758    | 0.15%   | 0.019%  |
| 59 | 7.662 | 2034 | 2044 | 2059 | rVV  | 44629  | 75727  | 14.75%  | 1.934%  |
| 60 | 7.974 | 2137 | 2141 | 2146 | rVB  | 1022   | 994    | 0.19%   | 0.025%  |
| 61 | 8.010 | 2149 | 2152 | 2155 | rBV  | 486    | 343    | 0.07%   | 0.009%  |
| 62 | 8.132 | 2179 | 2190 | 2220 | rBV  | 98985  | 207673 | 40.45%  | 5.305%  |
| 63 | 8.421 | 2277 | 2280 | 2281 | rBV  | 406    | 198    | 0.04%   | 0.005%  |
| 64 | 8.511 | 2305 | 2308 | 2311 | rBV2 | 659    | 605    | 0.12%   | 0.015%  |
| 65 | 8.672 | 2355 | 2358 | 2361 | rBV  | 785    | 728    | 0.14%   | 0.019%  |
| 66 | 8.723 | 2370 | 2374 | 2377 | rBV2 | 614    | 444    | 0.09%   | 0.011%  |
| 67 | 8.897 | 2415 | 2428 | 2449 | rBV  | 237068 | 409350 | 79.73%  | 10.456% |
| 68 | 9.048 | 2472 | 2475 | 2477 | rBV  | 453    | 299    | 0.06%   | 0.008%  |
| 69 | 9.174 | 2511 | 2514 | 2516 | rBV  | 624    | 448    | 0.09%   | 0.011%  |
| 70 | 9.325 | 2557 | 2561 | 2564 | rBV  | 650    | 605    | 0.12%   | 0.015%  |
| 71 | 9.434 | 2591 | 2595 | 2599 | rBV  | 592    | 621    | 0.12%   | 0.016%  |

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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\SOMVLM031719WMA.M  
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|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 72 | 9.579  | 2637 | 2640 | 2641 | rBV2 | 494    | 300    | 0.06%  | 0.008% |
| 73 | 9.727  | 2683 | 2686 | 2688 | rBV2 | 323    | 223    | 0.04%  | 0.006% |
| 74 | 9.865  | 2726 | 2729 | 2737 | rVB  | 822    | 1043   | 0.20%  | 0.027% |
| 75 | 9.910  | 2737 | 2743 | 2746 | rBV2 | 456    | 563    | 0.11%  | 0.014% |
| 76 | 10.000 | 2768 | 2771 | 2776 | rBV2 | 806    | 728    | 0.14%  | 0.019% |
| 77 | 10.264 | 2842 | 2853 | 2872 | rVB  | 156155 | 252936 | 49.26% | 6.461% |
| 78 | 10.373 | 2884 | 2887 | 2890 | rBV2 | 722    | 360    | 0.07%  | 0.009% |
| 79 | 10.849 | 3030 | 3035 | 3037 | rBV2 | 590    | 494    | 0.10%  | 0.013% |
| 80 | 11.116 | 3114 | 3118 | 3121 | rBV  | 747    | 546    | 0.11%  | 0.014% |
| 81 | 11.170 | 3132 | 3135 | 3139 | rBV  | 693    | 595    | 0.12%  | 0.015% |
| 82 | 11.296 | 3163 | 3174 | 3195 | rVB  | 187408 | 330511 | 64.37% | 8.442% |
| 83 | 11.392 | 3202 | 3204 | 3207 | rBV  | 327    | 275    | 0.05%  | 0.007% |
| 84 | 11.675 | 3280 | 3292 | 3312 | rVB  | 200357 | 339995 | 66.22% | 8.684% |
| 85 | 11.836 | 3339 | 3342 | 3344 | rBV  | 473    | 294    | 0.06%  | 0.008% |
| 86 | 11.997 | 3389 | 3392 | 3396 | rBV2 | 751    | 656    | 0.13%  | 0.017% |
| 87 | 12.212 | 3456 | 3459 | 3461 | rBV  | 390    | 263    | 0.05%  | 0.007% |
| 88 | 12.363 | 3503 | 3506 | 3509 | rBV  | 503    | 354    | 0.07%  | 0.009% |
| 89 | 13.173 | 3756 | 3758 | 3760 | rBV  | 402    | 274    | 0.05%  | 0.007% |
| 90 | 13.530 | 3866 | 3869 | 3872 | rBV2 | 722    | 648    | 0.13%  | 0.017% |
| 91 | 13.588 | 3884 | 3887 | 3890 | rVB  | 531    | 309    | 0.06%  | 0.008% |
| 92 | 13.929 | 3991 | 3993 | 3996 | rBV2 | 455    | 382    | 0.07%  | 0.010% |
| 93 | 14.714 | 4232 | 4237 | 4240 | rBV  | 844    | 836    | 0.16%  | 0.021% |

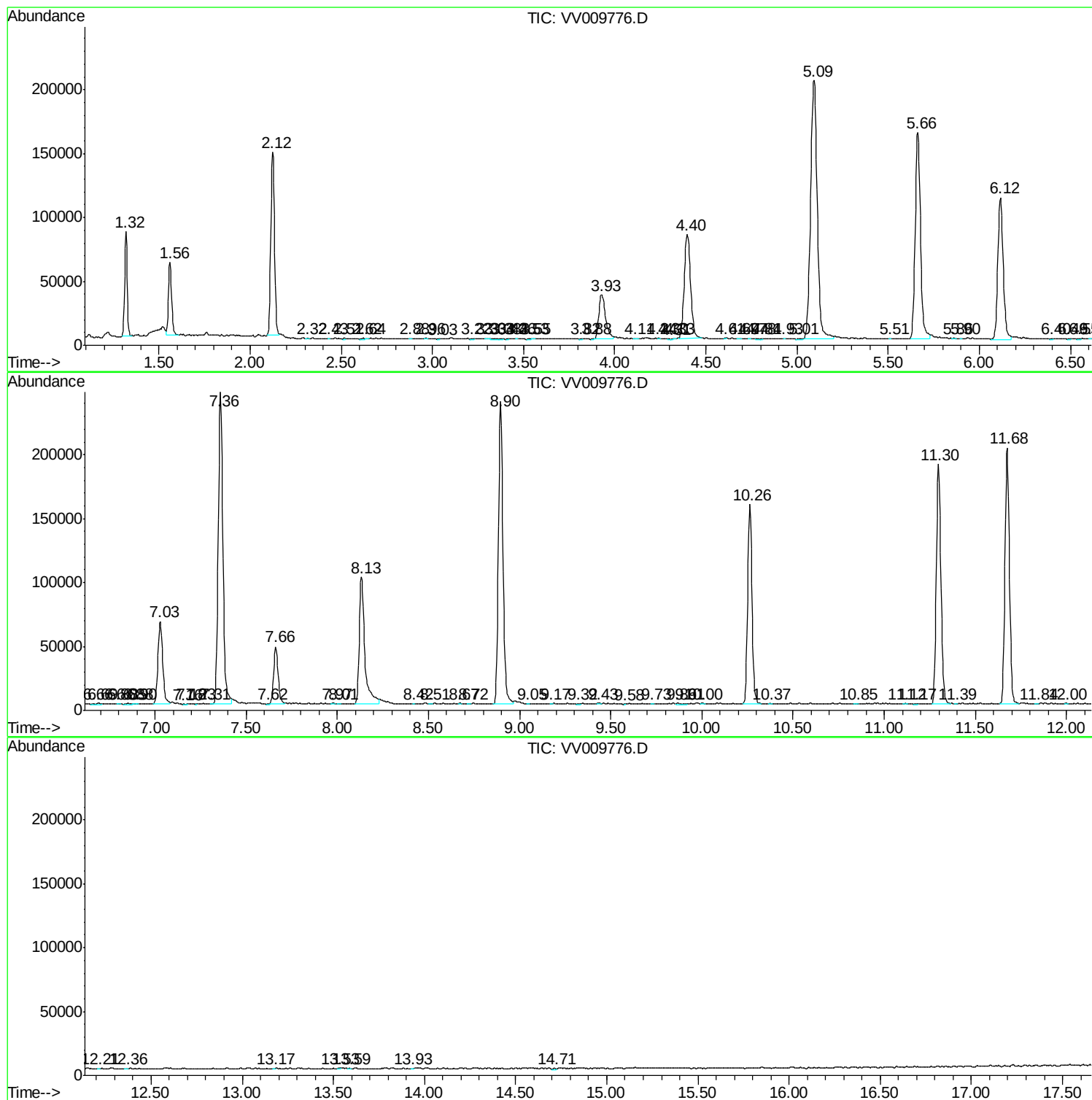
Sum of corrected areas: 3915025

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM031719WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV031919\  
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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 |