

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053019\  
 Data File : VU032373.D  
 Acq On : 30 May 2019 11:54  
 Operator : JC/SP  
 Sample : VU0530WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK45

## 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\_U\METHOD\SOMULM052819WMA.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         | 1.180       | 25            | 28          | 39           | rVB3     | 11328          | 11435         | 0.45%           | 0.057%        |
| 2         | 1.396       | 88            | 95          | 107          | rBV      | 352842         | 365515        | 14.37%          | 1.812%        |
| 3         | 1.672       | 173           | 181         | 199          | rVB      | 259007         | 350069        | 13.76%          | 1.735%        |
| 4         | 2.267       | 355           | 366         | 379          | rBV      | 613740         | 911014        | 35.82%          | 4.516%        |
| 5         | 2.402       | 406           | 408         | 411          | rBV      | 637            | 426           | 0.02%           | 0.002%        |
| 6         | 2.447       | 418           | 422         | 423          | rBV3     | 3036           | 2206          | 0.09%           | 0.011%        |
| 7         | 2.605       | 465           | 471         | 475          | rBV4     | 696            | 663           | 0.03%           | 0.003%        |
| 8         | 2.624       | 475           | 477         | 481          | rVB2     | 1003           | 714           | 0.03%           | 0.004%        |
| 9         | 2.647       | 481           | 484         | 490          | rVB2     | 755            | 802           | 0.03%           | 0.004%        |
| 10        | 2.701       | 493           | 501         | 508          | rBV6     | 2030           | 2859          | 0.11%           | 0.014%        |
| 11        | 2.782       | 519           | 526         | 529          | rBV3     | 607            | 810           | 0.03%           | 0.004%        |
| 12        | 2.836       | 529           | 543         | 559          | rBV      | 31151          | 69333         | 2.73%           | 0.344%        |
| 13        | 2.965       | 580           | 583         | 585          | rVV      | 671            | 433           | 0.02%           | 0.002%        |
| 14        | 2.987       | 585           | 590         | 593          | rVV2     | 1097           | 963           | 0.04%           | 0.005%        |
| 15        | 3.010       | 593           | 597         | 601          | rVB3     | 851            | 786           | 0.03%           | 0.004%        |
| 16        | 3.122       | 629           | 632         | 638          | rBV3     | 767            | 662           | 0.03%           | 0.003%        |
| 17        | 3.286       | 679           | 683         | 687          | rVB3     | 552            | 501           | 0.02%           | 0.002%        |
| 18        | 3.335       | 695           | 698         | 703          | rVB4     | 1004           | 750           | 0.03%           | 0.004%        |
| 19        | 3.753       | 823           | 828         | 832          | rBV3     | 622            | 708           | 0.03%           | 0.004%        |
| 20        | 3.981       | 894           | 899         | 900          | rBV2     | 567            | 472           | 0.02%           | 0.002%        |
| 21        | 4.077       | 927           | 929         | 936          | rVB2     | 614            | 457           | 0.02%           | 0.002%        |
| 22        | 4.174       | 947           | 959         | 991          | rBV      | 230997         | 636573        | 25.03%          | 3.155%        |
| 23        | 4.431       | 1034          | 1039        | 1041         | rBV4     | 1313           | 1051          | 0.04%           | 0.005%        |
| 24        | 4.643       | 1087          | 1105        | 1135         | rBV2     | 420793         | 997106        | 39.21%          | 4.943%        |
| 25        | 4.888       | 1178          | 1181        | 1190         | rVB6     | 1480           | 1895          | 0.07%           | 0.009%        |
| 26        | 4.949       | 1194          | 1200        | 1203         | rBV4     | 565            | 518           | 0.02%           | 0.003%        |
| 27        | 5.042       | 1226          | 1229        | 1234         | rBV3     | 714            | 586           | 0.02%           | 0.003%        |
| 28        | 5.100       | 1244          | 1247        | 1250         | rBV3     | 761            | 512           | 0.02%           | 0.003%        |
| 29        | 5.126       | 1250          | 1255        | 1257         | rBV4     | 483            | 428           | 0.02%           | 0.002%        |
| 30        | 5.335       | 1297          | 1320        | 1349         | rBV2     | 854898         | 2543233       | 100.00%         | 12.607%       |
| 31        | 5.605       | 1402          | 1404        | 1408         | rVB2     | 1287           | 509           | 0.02%           | 0.003%        |
| 32        | 5.743       | 1445          | 1447        | 1450         | rBV      | 1086           | 732           | 0.03%           | 0.004%        |
| 33        | 5.881       | 1477          | 1490        | 1527         | rBV      | 813122         | 1661026       | 65.31%          | 8.234%        |
| 34        | 6.174       | 1573          | 1581        | 1594         | rBV8     | 9052           | 18139         | 0.71%           | 0.090%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM052819WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 6.325  | 1614 | 1628 | 1659 | rBV2 | 544578  | 1104815 | 43.44% | 5.476%  |
| 36 | 6.592  | 1708 | 1711 | 1715 | rBV2 | 879     | 620     | 0.02%  | 0.003%  |
| 37 | 6.672  | 1732 | 1736 | 1739 | rBV3 | 1029    | 846     | 0.03%  | 0.004%  |
| 38 | 6.688  | 1739 | 1741 | 1743 | rVV  | 926     | 421     | 0.02%  | 0.002%  |
| 39 | 6.791  | 1768 | 1773 | 1781 | rVB3 | 984     | 1352    | 0.05%  | 0.007%  |
| 40 | 6.833  | 1781 | 1786 | 1789 | rBV2 | 944     | 733     | 0.03%  | 0.004%  |
| 41 | 6.871  | 1793 | 1798 | 1800 | rBV  | 888     | 743     | 0.03%  | 0.004%  |
| 42 | 7.100  | 1865 | 1869 | 1871 | rBV2 | 675     | 508     | 0.02%  | 0.003%  |
| 43 | 7.167  | 1884 | 1890 | 1893 | rBV2 | 570     | 564     | 0.02%  | 0.003%  |
| 44 | 7.225  | 1893 | 1908 | 1934 | rBV  | 293993  | 554556  | 21.81% | 2.749%  |
| 45 | 7.389  | 1956 | 1959 | 1962 | rBV3 | 1369    | 1082    | 0.04%  | 0.005%  |
| 46 | 7.473  | 1981 | 1985 | 1993 | rVB8 | 2164    | 3044    | 0.12%  | 0.015%  |
| 47 | 7.563  | 1999 | 2013 | 2034 | rBV  | 1154246 | 2040490 | 80.23% | 10.115% |
| 48 | 7.846  | 2090 | 2101 | 2120 | rBV  | 203790  | 362855  | 14.27% | 1.799%  |
| 49 | 7.987  | 2142 | 2145 | 2150 | rVB4 | 1340    | 1299    | 0.05%  | 0.006%  |
| 50 | 8.013  | 2150 | 2153 | 2156 | rBV4 | 1214    | 924     | 0.04%  | 0.005%  |
| 51 | 8.061  | 2166 | 2168 | 2171 | rVB3 | 802     | 533     | 0.02%  | 0.003%  |
| 52 | 8.087  | 2171 | 2176 | 2177 | rBV3 | 679     | 549     | 0.02%  | 0.003%  |
| 53 | 8.222  | 2216 | 2218 | 2222 | rVB2 | 869     | 509     | 0.02%  | 0.003%  |
| 54 | 8.309  | 2234 | 2245 | 2286 | rBV  | 700649  | 1349754 | 53.07% | 6.691%  |
| 55 | 8.733  | 2374 | 2377 | 2380 | rBV2 | 800     | 473     | 0.02%  | 0.002%  |
| 56 | 8.756  | 2380 | 2384 | 2388 | rVV3 | 951     | 766     | 0.03%  | 0.004%  |
| 57 | 8.813  | 2398 | 2402 | 2406 | rVB5 | 538     | 490     | 0.02%  | 0.002%  |
| 58 | 8.932  | 2435 | 2439 | 2443 | rBV3 | 928     | 879     | 0.03%  | 0.004%  |
| 59 | 9.029  | 2465 | 2469 | 2473 | rBV2 | 617     | 595     | 0.02%  | 0.003%  |
| 60 | 9.087  | 2473 | 2487 | 2510 | rBV  | 1224703 | 2072210 | 81.48% | 10.272% |
| 61 | 9.453  | 2598 | 2601 | 2604 | rBV3 | 970     | 662     | 0.03%  | 0.003%  |
| 62 | 9.637  | 2654 | 2658 | 2661 | rBV4 | 931     | 751     | 0.03%  | 0.004%  |
| 63 | 9.727  | 2683 | 2686 | 2689 | rBV2 | 799     | 549     | 0.02%  | 0.003%  |
| 64 | 9.791  | 2704 | 2706 | 2711 | rVB3 | 848     | 455     | 0.02%  | 0.002%  |
| 65 | 9.836  | 2717 | 2720 | 2722 | rVB2 | 784     | 496     | 0.02%  | 0.002%  |
| 66 | 9.868  | 2726 | 2730 | 2733 | rBV2 | 657     | 600     | 0.02%  | 0.003%  |
| 67 | 9.907  | 2740 | 2742 | 2746 | rBV  | 555     | 474     | 0.02%  | 0.002%  |
| 68 | 9.952  | 2752 | 2756 | 2758 | rVV  | 684     | 468     | 0.02%  | 0.002%  |
| 69 | 10.161 | 2819 | 2821 | 2823 | rBV  | 1002    | 607     | 0.02%  | 0.003%  |
| 70 | 10.241 | 2844 | 2846 | 2850 | rVB  | 794     | 479     | 0.02%  | 0.002%  |
| 71 | 10.325 | 2869 | 2872 | 2877 | rVB6 | 1151    | 850     | 0.03%  | 0.004%  |

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## Integration Parameters: LSCINT.P

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Filtering: 5  
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM052819WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 10.428 | 2891 | 2904 | 2925 | rBV  | 853393  | 1376955 | 54.14% | 6.825% |
| 73  | 10.537 | 2936 | 2938 | 2942 | rBV3 | 944     | 554     | 0.02%  | 0.003% |
| 74  | 10.637 | 2966 | 2969 | 2971 | rBV2 | 939     | 627     | 0.02%  | 0.003% |
| 75  | 11.090 | 3102 | 3110 | 3112 | rBV5 | 1398    | 1557    | 0.06%  | 0.008% |
| 76  | 11.125 | 3118 | 3121 | 3126 | rBV3 | 1059    | 869     | 0.03%  | 0.004% |
| 77  | 11.328 | 3178 | 3184 | 3190 | rBV  | 2926    | 3512    | 0.14%  | 0.017% |
| 78  | 11.360 | 3190 | 3194 | 3199 | rVB  | 2424    | 2122    | 0.08%  | 0.011% |
| 79  | 11.408 | 3206 | 3209 | 3212 | rBV4 | 1465    | 1183    | 0.05%  | 0.006% |
| 80  | 11.479 | 3218 | 3231 | 3252 | rBV  | 1123060 | 1821713 | 71.63% | 9.030% |
| 81  | 11.855 | 3334 | 3348 | 3370 | rBV  | 1101006 | 1855708 | 72.97% | 9.199% |
| 82  | 12.392 | 3511 | 3515 | 3516 | rBV3 | 552     | 435     | 0.02%  | 0.002% |
| 83  | 12.479 | 3536 | 3542 | 3552 | rVB8 | 2548    | 4205    | 0.17%  | 0.021% |
| 84  | 12.537 | 3558 | 3560 | 3563 | rBV  | 1239    | 538     | 0.02%  | 0.003% |
| 85  | 12.649 | 3592 | 3595 | 3597 | rBV  | 787     | 561     | 0.02%  | 0.003% |
| 86  | 12.681 | 3603 | 3605 | 3608 | rVB  | 805     | 442     | 0.02%  | 0.002% |
| 87  | 12.755 | 3620 | 3628 | 3630 | rBV6 | 1113    | 1285    | 0.05%  | 0.006% |
| 88  | 12.903 | 3669 | 3674 | 3677 | rBV5 | 971     | 1210    | 0.05%  | 0.006% |
| 89  | 13.109 | 3734 | 3738 | 3739 | rVB  | 913     | 513     | 0.02%  | 0.003% |
| 90  | 13.135 | 3744 | 3746 | 3750 | rBV2 | 735     | 484     | 0.02%  | 0.002% |
| 91  | 13.527 | 3865 | 3868 | 3872 | rBV2 | 1036    | 767     | 0.03%  | 0.004% |
| 92  | 13.575 | 3881 | 3883 | 3886 | rBV2 | 633     | 476     | 0.02%  | 0.002% |
| 93  | 13.643 | 3900 | 3904 | 3907 | rBV3 | 910     | 728     | 0.03%  | 0.004% |
| 94  | 13.804 | 3952 | 3954 | 3956 | rBV2 | 882     | 489     | 0.02%  | 0.002% |
| 95  | 14.016 | 4016 | 4020 | 4022 | rBV2 | 1650    | 1300    | 0.05%  | 0.006% |
| 96  | 14.305 | 4107 | 4110 | 4113 | rBV3 | 751     | 708     | 0.03%  | 0.004% |
| 97  | 14.858 | 4279 | 4282 | 4283 | rBV  | 1033    | 583     | 0.02%  | 0.003% |
| 98  | 15.009 | 4327 | 4329 | 4333 | rVB  | 1289    | 701     | 0.03%  | 0.003% |
| 99  | 15.173 | 4377 | 4380 | 4382 | rBV  | 932     | 610     | 0.02%  | 0.003% |
| 100 | 15.353 | 4433 | 4436 | 4439 | rBV3 | 1414    | 1087    | 0.04%  | 0.005% |

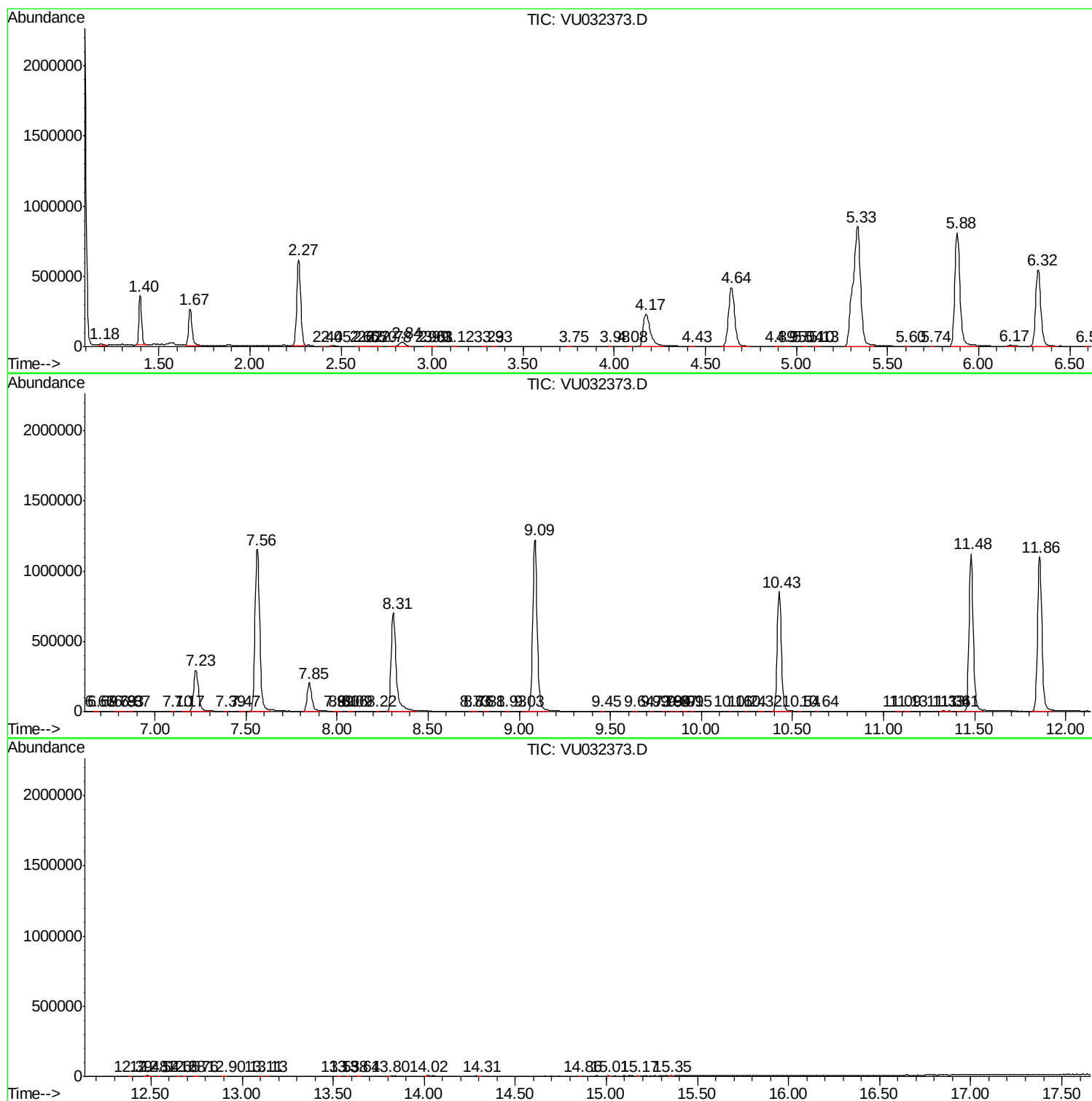
Sum of corrected areas: 20173809

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM052819WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU053019\  
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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        |