

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040220\  
 Data File : VV015365.D  
 Acq On : 02 Apr 2020 11:23  
 Operator : SY/MD  
 Sample : VV0402WBL01  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK63

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\SOMVLM040120WMA.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         | 1.315       | 64            | 70          | 82           | rVB      | 379889         | 385051        | 15.67%          | 2.021%        |
| 2         | 1.579       | 146           | 152         | 164          | rVB      | 317065         | 369385        | 15.03%          | 1.939%        |
| 3         | 2.119       | 312           | 320         | 334          | rVB      | 670913         | 940766        | 38.27%          | 4.938%        |
| 4         | 3.235       | 662           | 667         | 668          | rBV5     | 1892           | 1746          | 0.07%           | 0.009%        |
| 5         | 3.360       | 702           | 706         | 708          | rBV4     | 2038           | 1397          | 0.06%           | 0.007%        |
| 6         | 3.438       | 725           | 730         | 732          | rBV6     | 2115           | 1822          | 0.07%           | 0.010%        |
| 7         | 3.460       | 735           | 737         | 740          | rVV3     | 2125           | 1188          | 0.05%           | 0.006%        |
| 8         | 3.486       | 743           | 745         | 750          | rVV5     | 1628           | 1077          | 0.04%           | 0.006%        |
| 9         | 3.614       | 783           | 785         | 789          | rVB4     | 1973           | 1154          | 0.05%           | 0.006%        |
| 10        | 3.640       | 789           | 793         | 794          | rBV4     | 1635           | 863           | 0.04%           | 0.005%        |
| 11        | 3.708       | 812           | 814         | 819          | rBV5     | 1644           | 1205          | 0.05%           | 0.006%        |
| 12        | 3.804       | 841           | 844         | 845          | rBV3     | 1888           | 1098          | 0.04%           | 0.006%        |
| 13        | 3.942       | 875           | 887         | 930          | rBV      | 111282         | 518351        | 21.09%          | 2.721%        |
| 14        | 4.376       | 1008          | 1022        | 1044         | rBV      | 397717         | 961090        | 39.10%          | 5.045%        |
| 15        | 4.663       | 1109          | 1111        | 1117         | rVB7     | 1838           | 1495          | 0.06%           | 0.008%        |
| 16        | 4.695       | 1117          | 1121        | 1125         | rBV6     | 2773           | 2679          | 0.11%           | 0.014%        |
| 17        | 4.782       | 1145          | 1148        | 1149         | rBV3     | 1668           | 964           | 0.04%           | 0.005%        |
| 18        | 5.071       | 1215          | 1238        | 1268         | rBV2     | 975827         | 2457983       | 100.00%         | 12.902%       |
| 19        | 5.640       | 1402          | 1415        | 1439         | rBV      | 678108         | 1363275       | 55.46%          | 7.156%        |
| 20        | 6.093       | 1542          | 1556        | 1582         | rBV      | 531558         | 1096635       | 44.62%          | 5.756%        |
| 21        | 6.418       | 1655          | 1657        | 1660         | rBV4     | 1749           | 977           | 0.04%           | 0.005%        |
| 22        | 6.460       | 1668          | 1670        | 1673         | rBV4     | 1295           | 901           | 0.04%           | 0.005%        |
| 23        | 6.505       | 1680          | 1684        | 1688         | rVB6     | 3195           | 3294          | 0.13%           | 0.017%        |
| 24        | 6.531       | 1688          | 1692        | 1694         | rBV4     | 2495           | 2181          | 0.09%           | 0.011%        |
| 25        | 6.691       | 1740          | 1742        | 1745         | rVB2     | 1889           | 1137          | 0.05%           | 0.006%        |
| 26        | 6.778       | 1764          | 1769        | 1776         | rBV10    | 2135           | 2285          | 0.09%           | 0.012%        |
| 27        | 6.820       | 1778          | 1782        | 1783         | rBV3     | 1779           | 1565          | 0.06%           | 0.008%        |
| 28        | 6.843       | 1787          | 1789        | 1792         | rBV3     | 1632           | 892           | 0.04%           | 0.005%        |
| 29        | 6.949       | 1819          | 1822        | 1827         | rBV6     | 1560           | 1341          | 0.05%           | 0.007%        |
| 30        | 7.010       | 1829          | 1841        | 1858         | rBV      | 331181         | 595079        | 24.21%          | 3.124%        |
| 31        | 7.158       | 1885          | 1887        | 1890         | rVB4     | 2707           | 1126          | 0.05%           | 0.006%        |
| 32        | 7.199       | 1898          | 1900        | 1902         | rBV3     | 2117           | 1004          | 0.04%           | 0.005%        |
| 33        | 7.267       | 1919          | 1921        | 1927         | rVB7     | 2948           | 2804          | 0.11%           | 0.015%        |
| 34        | 7.338       | 1930          | 1943        | 1963         | rBV      | 1213568        | 2095219       | 85.24%          | 10.998%       |

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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\SOMVLM040120WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 7.643  | 2027 | 2038 | 2058 | rBV  | 232683  | 400871  | 16.31% | 2.104% |
| 36 | 7.836  | 2094 | 2098 | 2099 | rBV4 | 1899    | 1108    | 0.05%  | 0.006% |
| 37 | 7.990  | 2143 | 2146 | 2148 | rBV4 | 2674    | 2109    | 0.09%  | 0.011% |
| 38 | 8.116  | 2175 | 2185 | 2214 | rBV2 | 599255  | 1250089 | 50.86% | 6.562% |
| 39 | 8.723  | 2370 | 2374 | 2375 | rBV4 | 1290    | 953     | 0.04%  | 0.005% |
| 40 | 8.875  | 2406 | 2421 | 2446 | rBV  | 1029511 | 1695717 | 68.99% | 8.901% |
| 41 | 9.302  | 2545 | 2554 | 2558 | rBV  | 2104    | 3656    | 0.15%  | 0.019% |
| 42 | 9.402  | 2582 | 2585 | 2588 | rBV4 | 1480    | 992     | 0.04%  | 0.005% |
| 43 | 9.531  | 2620 | 2625 | 2629 | rBV8 | 2358    | 2035    | 0.08%  | 0.011% |
| 44 | 9.569  | 2629 | 2637 | 2640 | rBV9 | 3295    | 4658    | 0.19%  | 0.024% |
| 45 | 9.682  | 2668 | 2672 | 2673 | rBV3 | 1150    | 809     | 0.03%  | 0.004% |
| 46 | 9.723  | 2682 | 2685 | 2690 | rBV7 | 1648    | 1666    | 0.07%  | 0.009% |
| 47 | 9.788  | 2702 | 2705 | 2707 | rBV3 | 1176    | 806     | 0.03%  | 0.004% |
| 48 | 9.942  | 2750 | 2753 | 2755 | rBV4 | 2567    | 1603    | 0.07%  | 0.008% |
| 49 | 9.990  | 2765 | 2768 | 2771 | rBV5 | 1601    | 1352    | 0.06%  | 0.007% |
| 50 | 10.055 | 2785 | 2788 | 2790 | rBV3 | 1949    | 1444    | 0.06%  | 0.008% |
| 51 | 10.100 | 2799 | 2802 | 2803 | rBV2 | 1075    | 641     | 0.03%  | 0.003% |
| 52 | 10.238 | 2831 | 2845 | 2866 | rBV  | 782905  | 1239214 | 50.42% | 6.505% |
| 53 | 10.434 | 2904 | 2906 | 2911 | rBV6 | 1286    | 943     | 0.04%  | 0.005% |
| 54 | 10.540 | 2936 | 2939 | 2942 | rBV5 | 1682    | 1406    | 0.06%  | 0.007% |
| 55 | 10.627 | 2962 | 2966 | 2969 | rBV5 | 2154    | 1705    | 0.07%  | 0.009% |
| 56 | 10.714 | 2991 | 2993 | 2996 | rBV3 | 1651    | 1216    | 0.05%  | 0.006% |
| 57 | 10.775 | 3010 | 3012 | 3016 | rBV4 | 1193    | 716     | 0.03%  | 0.004% |
| 58 | 10.839 | 3031 | 3032 | 3036 | rVB4 | 1448    | 896     | 0.04%  | 0.005% |
| 59 | 10.865 | 3036 | 3040 | 3041 | rBV4 | 2114    | 1450    | 0.06%  | 0.008% |
| 60 | 10.907 | 3049 | 3053 | 3054 | rBV3 | 1459    | 1035    | 0.04%  | 0.005% |
| 61 | 11.067 | 3100 | 3103 | 3105 | rBV3 | 1613    | 808     | 0.03%  | 0.004% |
| 62 | 11.084 | 3105 | 3108 | 3110 | rVB4 | 2026    | 1061    | 0.04%  | 0.006% |
| 63 | 11.096 | 3110 | 3112 | 3114 | rBV3 | 1121    | 629     | 0.03%  | 0.003% |
| 64 | 11.135 | 3121 | 3124 | 3127 | rBV5 | 1515    | 1034    | 0.04%  | 0.005% |
| 65 | 11.174 | 3131 | 3136 | 3137 | rBV5 | 1237    | 1078    | 0.04%  | 0.006% |
| 66 | 11.273 | 3155 | 3167 | 3189 | rBV  | 1061844 | 1646057 | 66.97% | 8.640% |
| 67 | 11.437 | 3216 | 3218 | 3223 | rVB6 | 2062    | 1658    | 0.07%  | 0.009% |
| 68 | 11.463 | 3223 | 3226 | 3228 | rVB4 | 1696    | 960     | 0.04%  | 0.005% |
| 69 | 11.489 | 3228 | 3234 | 3236 | rBV7 | 1758    | 1489    | 0.06%  | 0.008% |
| 70 | 11.572 | 3258 | 3260 | 3265 | rVB5 | 1430    | 1092    | 0.04%  | 0.006% |
| 71 | 11.649 | 3271 | 3284 | 3303 | rBV  | 1206252 | 1896033 | 77.14% | 9.952% |

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## Integration Parameters: LSCINT.P

Integrator: RTE  
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Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
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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\SOMVLM040120WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |       |       |       |       |        |
|-----|--------|------|------|------|-------|-------|-------|-------|--------|
| 72  | 11.945 | 3371 | 3376 | 3377 | rBV5  | 1766  | 1584  | 0.06% | 0.008% |
| 73  | 12.003 | 3390 | 3394 | 3395 | rBV3  | 1019  | 700   | 0.03% | 0.004% |
| 74  | 12.013 | 3395 | 3397 | 3399 | rBV3  | 1207  | 697   | 0.03% | 0.004% |
| 75  | 12.080 | 3416 | 3418 | 3420 | rBV3  | 1967  | 1071  | 0.04% | 0.006% |
| 76  | 12.125 | 3430 | 3432 | 3434 | rBV3  | 1352  | 680   | 0.03% | 0.004% |
| 77  | 12.161 | 3440 | 3443 | 3444 | rBV3  | 2130  | 868   | 0.04% | 0.005% |
| 78  | 12.186 | 3448 | 3451 | 3453 | rBV4  | 1360  | 848   | 0.03% | 0.004% |
| 79  | 12.225 | 3460 | 3463 | 3465 | rBV3  | 2080  | 1465  | 0.06% | 0.008% |
| 80  | 12.254 | 3470 | 3472 | 3474 | rBV3  | 1523  | 863   | 0.04% | 0.005% |
| 81  | 12.283 | 3476 | 3481 | 3483 | rBV5  | 1827  | 1823  | 0.07% | 0.010% |
| 82  | 12.331 | 3493 | 3496 | 3497 | rBV3  | 1342  | 740   | 0.03% | 0.004% |
| 83  | 12.341 | 3497 | 3499 | 3505 | rVB5  | 1716  | 1611  | 0.07% | 0.008% |
| 84  | 12.501 | 3547 | 3549 | 3552 | rBV3  | 1384  | 881   | 0.04% | 0.005% |
| 85  | 12.543 | 3560 | 3562 | 3565 | rBV4  | 976   | 637   | 0.03% | 0.003% |
| 86  | 12.611 | 3581 | 3583 | 3585 | rBV3  | 1786  | 940   | 0.04% | 0.005% |
| 87  | 12.672 | 3594 | 3602 | 3612 | rBV3  | 6747  | 11265 | 0.46% | 0.059% |
| 88  | 12.916 | 3673 | 3678 | 3680 | rBV4  | 1525  | 1634  | 0.07% | 0.009% |
| 89  | 12.968 | 3690 | 3694 | 3697 | rBV5  | 2751  | 2219  | 0.09% | 0.012% |
| 90  | 13.009 | 3704 | 3707 | 3711 | rBV5  | 1491  | 1218  | 0.05% | 0.006% |
| 91  | 13.199 | 3759 | 3766 | 3770 | rBV7  | 1581  | 2323  | 0.09% | 0.012% |
| 92  | 13.289 | 3785 | 3794 | 3801 | rBV10 | 10272 | 15677 | 0.64% | 0.082% |
| 93  | 13.608 | 3890 | 3893 | 3896 | rVB5  | 2114  | 1187  | 0.05% | 0.006% |
| 94  | 13.894 | 3978 | 3982 | 3984 | rBV5  | 1427  | 1231  | 0.05% | 0.006% |
| 95  | 13.980 | 4006 | 4009 | 4013 | rBV5  | 2111  | 1455  | 0.06% | 0.008% |
| 96  | 14.035 | 4022 | 4026 | 4028 | rBV5  | 2448  | 2550  | 0.10% | 0.013% |
| 97  | 14.125 | 4052 | 4054 | 4058 | rBV4  | 1414  | 789   | 0.03% | 0.004% |
| 98  | 14.144 | 4058 | 4060 | 4063 | rBV4  | 1965  | 1045  | 0.04% | 0.005% |
| 99  | 14.315 | 4111 | 4113 | 4117 | rBV5  | 1986  | 1541  | 0.06% | 0.008% |
| 100 | 14.492 | 4165 | 4168 | 4171 | rBV5  | 2586  | 2007  | 0.08% | 0.011% |

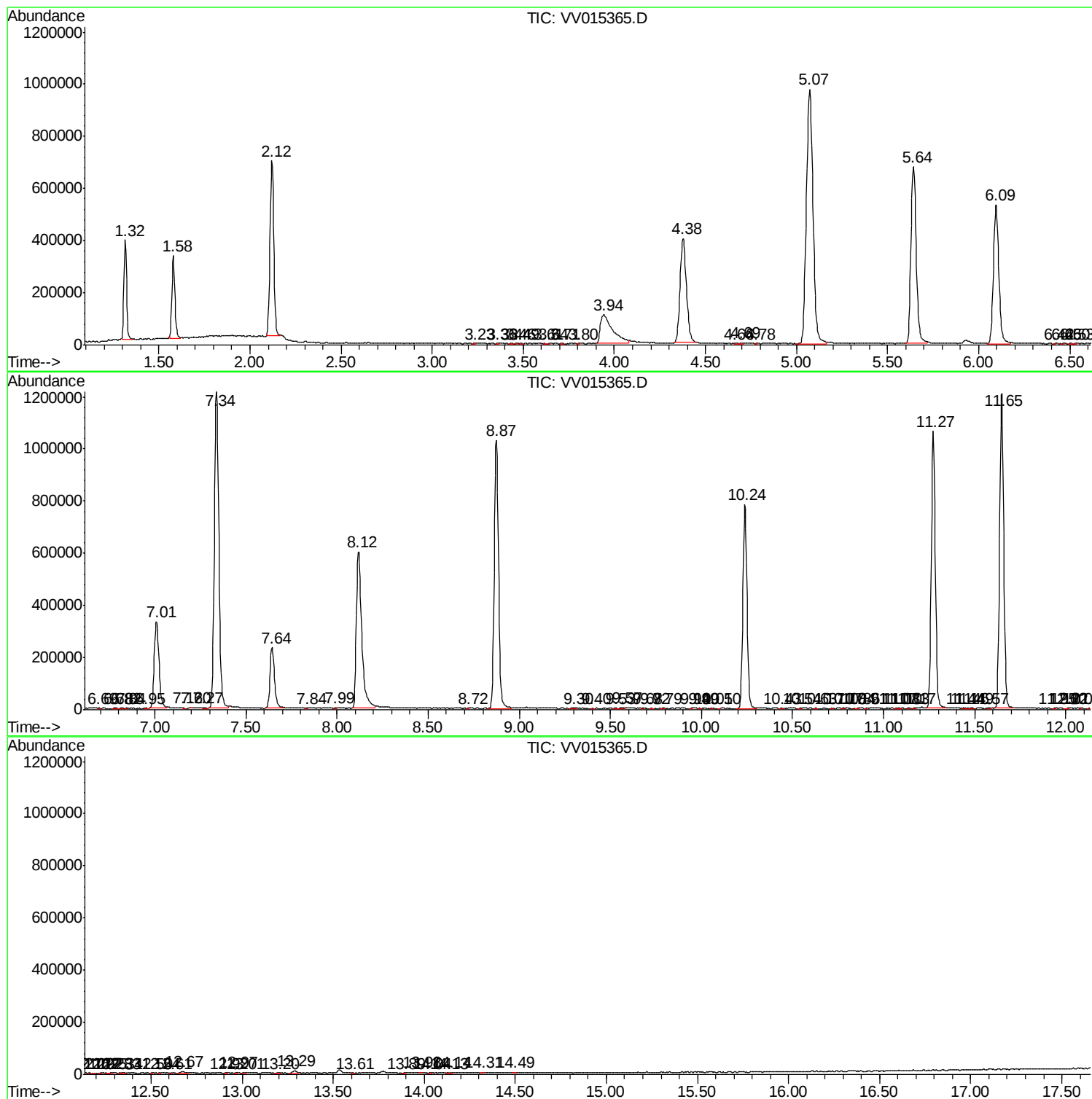
Sum of corrected areas: 19051567

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM040120WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV040220\  
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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        |