

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\  
 Data File : VU031900.D  
 Acq On : 10 May 2019 19:56  
 Operator : JC/SP  
 Sample : K2742-05DL 500X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0C31DL

## 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\SOMULM042719WMA.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       | 24            | 28          | 37           | rVB      | 21302          | 19958         | 0.45%           | 0.058%        |
| 2         | 1.396       | 88            | 95          | 107          | rBV      | 543587         | 560072        | 12.67%          | 1.636%        |
| 3         | 1.669       | 172           | 180         | 201          | rVB      | 421688         | 564878        | 12.78%          | 1.650%        |
| 4         | 2.264       | 355           | 365         | 379          | rVB      | 859602         | 1320737       | 29.88%          | 3.859%        |
| 5         | 2.595       | 465           | 468         | 472          | rVB4     | 1629           | 1150          | 0.03%           | 0.003%        |
| 6         | 2.621       | 472           | 476         | 479          | rBV4     | 1517           | 1449          | 0.03%           | 0.004%        |
| 7         | 2.640       | 479           | 482         | 492          | rVB6     | 1588           | 1862          | 0.04%           | 0.005%        |
| 8         | 2.701       | 492           | 501         | 506          | rBV8     | 4026           | 6486          | 0.15%           | 0.019%        |
| 9         | 2.762       | 517           | 520         | 524          | rBV3     | 737            | 639           | 0.01%           | 0.002%        |
| 10        | 2.788       | 524           | 528         | 531          | rVB3     | 998            | 772           | 0.02%           | 0.002%        |
| 11        | 2.823       | 531           | 539         | 541          | rBV6     | 2040           | 2331          | 0.05%           | 0.007%        |
| 12        | 2.968       | 581           | 584         | 587          | rVV5     | 1358           | 1148          | 0.03%           | 0.003%        |
| 13        | 2.997       | 590           | 593         | 596          | rVB4     | 925            | 560           | 0.01%           | 0.002%        |
| 14        | 3.064       | 611           | 614         | 616          | rBV3     | 986            | 614           | 0.01%           | 0.002%        |
| 15        | 3.158       | 640           | 643         | 647          | rBV2     | 942            | 707           | 0.02%           | 0.002%        |
| 16        | 3.190       | 649           | 653         | 655          | rBV3     | 853            | 657           | 0.01%           | 0.002%        |
| 17        | 3.215       | 658           | 661         | 663          | rBV      | 872            | 597           | 0.01%           | 0.002%        |
| 18        | 3.257       | 670           | 674         | 678          | rVV5     | 995            | 667           | 0.02%           | 0.002%        |
| 19        | 3.283       | 678           | 682         | 686          | rVB4     | 1172           | 974           | 0.02%           | 0.003%        |
| 20        | 3.379       | 707           | 712         | 716          | rVB4     | 1397           | 1643          | 0.04%           | 0.005%        |
| 21        | 3.408       | 716           | 721         | 724          | rBV2     | 1103           | 1014          | 0.02%           | 0.003%        |
| 22        | 3.476       | 738           | 742         | 745          | rBV2     | 615            | 570           | 0.01%           | 0.002%        |
| 23        | 3.537       | 757           | 761         | 767          | rVB5     | 1007           | 1144          | 0.03%           | 0.003%        |
| 24        | 3.585       | 773           | 776         | 780          | rVB3     | 1066           | 831           | 0.02%           | 0.002%        |
| 25        | 3.717       | 814           | 817         | 824          | rVB4     | 852            | 856           | 0.02%           | 0.003%        |
| 26        | 3.817       | 844           | 848         | 851          | rBV3     | 921            | 785           | 0.02%           | 0.002%        |
| 27        | 3.949       | 886           | 889         | 892          | rVB2     | 898            | 587           | 0.01%           | 0.002%        |
| 28        | 4.116       | 938           | 941         | 946          | rVB      | 1366           | 1004          | 0.02%           | 0.003%        |
| 29        | 4.170       | 946           | 958         | 991          | rBV      | 397185         | 1071828       | 24.25%          | 3.132%        |
| 30        | 4.543       | 1071          | 1074        | 1076         | rBV4     | 838            | 513           | 0.01%           | 0.001%        |
| 31        | 4.640       | 1088          | 1104        | 1131         | rBV      | 653308         | 1577046       | 35.68%          | 4.608%        |
| 32        | 4.875       | 1174          | 1177        | 1178         | rBV3     | 1776           | 1050          | 0.02%           | 0.003%        |
| 33        | 4.965       | 1200          | 1205        | 1206         | rBV3     | 1387           | 1037          | 0.02%           | 0.003%        |
| 34        | 5.055       | 1231          | 1233        | 1236         | rBV2     | 1001           | 626           | 0.01%           | 0.002%        |

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 ClientSampleId :  
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## Integration Parameters: LSCINT.P

Integrator: RTE  
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 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |       |         |         |        |         |
|----|--------|------|------|------|-------|---------|---------|--------|---------|
| 35 | 5.084  | 1238 | 1242 | 1247 | rBV7  | 1170    | 1171    | 0.03%  | 0.003%  |
| 36 | 5.112  | 1247 | 1251 | 1252 | rBV5  | 1900    | 1465    | 0.03%  | 0.004%  |
| 37 | 5.199  | 1276 | 1278 | 1282 | rVV3  | 753     | 543     | 0.01%  | 0.002%  |
| 38 | 5.334  | 1294 | 1320 | 1331 | rBV2  | 1360397 | 4037233 | 91.34% | 11.796% |
| 39 | 5.881  | 1476 | 1490 | 1535 | rBV   | 1183867 | 2479990 | 56.11% | 7.246%  |
| 40 | 6.177  | 1575 | 1582 | 1601 | rVB10 | 13741   | 29232   | 0.66%  | 0.085%  |
| 41 | 6.325  | 1614 | 1628 | 1656 | rBV   | 910369  | 1864770 | 42.19% | 5.449%  |
| 42 | 6.714  | 1744 | 1749 | 1751 | rBV4  | 812     | 691     | 0.02%  | 0.002%  |
| 43 | 6.752  | 1758 | 1761 | 1764 | rBV2  | 1021    | 690     | 0.02%  | 0.002%  |
| 44 | 6.813  | 1777 | 1780 | 1784 | rVB3  | 791     | 649     | 0.01%  | 0.002%  |
| 45 | 6.855  | 1787 | 1793 | 1796 | rBV4  | 1360    | 1400    | 0.03%  | 0.004%  |
| 46 | 6.939  | 1817 | 1819 | 1821 | rVB2  | 1565    | 661     | 0.01%  | 0.002%  |
| 47 | 6.961  | 1821 | 1826 | 1828 | rVB3  | 1057    | 764     | 0.02%  | 0.002%  |
| 48 | 6.977  | 1828 | 1831 | 1833 | rBV2  | 1047    | 748     | 0.02%  | 0.002%  |
| 49 | 7.029  | 1844 | 1847 | 1851 | rVB2  | 1172    | 778     | 0.02%  | 0.002%  |
| 50 | 7.225  | 1895 | 1908 | 1930 | rBV   | 448465  | 841528  | 19.04% | 2.459%  |
| 51 | 7.431  | 1968 | 1972 | 1976 | rBV5  | 1845    | 1470    | 0.03%  | 0.004%  |
| 52 | 7.563  | 1996 | 2013 | 2063 | rBV   | 1613822 | 3079989 | 69.68% | 8.999%  |
| 53 | 7.846  | 2090 | 2101 | 2133 | rBV   | 312014  | 566751  | 12.82% | 1.656%  |
| 54 | 8.100  | 2176 | 2180 | 2183 | rBV4  | 1713    | 1728    | 0.04%  | 0.005%  |
| 55 | 8.122  | 2185 | 2187 | 2191 | rVB3  | 1333    | 914     | 0.02%  | 0.003%  |
| 56 | 8.177  | 2201 | 2204 | 2206 | rBV3  | 1690    | 1260    | 0.03%  | 0.004%  |
| 57 | 8.309  | 2233 | 2245 | 2292 | rBV   | 1245316 | 2442813 | 55.26% | 7.137%  |
| 58 | 8.681  | 2357 | 2361 | 2365 | rBV4  | 1451    | 1143    | 0.03%  | 0.003%  |
| 59 | 8.730  | 2374 | 2376 | 2378 | rBV3  | 1237    | 751     | 0.02%  | 0.002%  |
| 60 | 8.775  | 2387 | 2390 | 2393 | rBV4  | 1555    | 844     | 0.02%  | 0.002%  |
| 61 | 8.868  | 2413 | 2419 | 2421 | rBV4  | 1290    | 1143    | 0.03%  | 0.003%  |
| 62 | 8.926  | 2434 | 2437 | 2443 | rVB4  | 834     | 716     | 0.02%  | 0.002%  |
| 63 | 8.987  | 2454 | 2456 | 2459 | rVB3  | 935     | 528     | 0.01%  | 0.002%  |
| 64 | 9.087  | 2468 | 2487 | 2491 | rBV   | 1907239 | 3074773 | 69.56% | 8.984%  |
| 65 | 9.370  | 2572 | 2575 | 2578 | rBV3  | 1877    | 1366    | 0.03%  | 0.004%  |
| 66 | 9.611  | 2646 | 2650 | 2652 | rBV3  | 1524    | 946     | 0.02%  | 0.003%  |
| 67 | 9.691  | 2670 | 2675 | 2679 | rBV4  | 1597    | 1474    | 0.03%  | 0.004%  |
| 68 | 9.749  | 2691 | 2693 | 2696 | rVB3  | 1187    | 653     | 0.01%  | 0.002%  |
| 69 | 9.903  | 2739 | 2741 | 2744 | rBV4  | 1365    | 617     | 0.01%  | 0.002%  |
| 70 | 10.016 | 2774 | 2776 | 2783 | rBV2  | 835     | 776     | 0.02%  | 0.002%  |
| 71 | 10.048 | 2783 | 2786 | 2788 | rBV2  | 1336    | 821     | 0.02%  | 0.002%  |

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## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
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Filtering: 5  
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 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\SOMULM042719WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 72  | 10.096 | 2796 | 2801 | 2802 | rBV3 | 1090    | 841     | 0.02%   | 0.002%  |
| 73  | 10.170 | 2822 | 2824 | 2828 | rVB3 | 962     | 567     | 0.01%   | 0.002%  |
| 74  | 10.199 | 2828 | 2833 | 2841 | rBV6 | 1314    | 2143    | 0.05%   | 0.006%  |
| 75  | 10.341 | 2874 | 2877 | 2884 | rVB5 | 1119    | 959     | 0.02%   | 0.003%  |
| 76  | 10.427 | 2891 | 2904 | 2926 | rBV  | 1256017 | 2059394 | 46.59%  | 6.017%  |
| 77  | 10.697 | 2985 | 2988 | 2990 | rBV2 | 885     | 626     | 0.01%   | 0.002%  |
| 78  | 10.752 | 2999 | 3005 | 3008 | rBV5 | 1692    | 1534    | 0.03%   | 0.004%  |
| 79  | 10.781 | 3012 | 3014 | 3019 | rVB3 | 923     | 667     | 0.02%   | 0.002%  |
| 80  | 10.852 | 3033 | 3036 | 3039 | rBV3 | 1118    | 968     | 0.02%   | 0.003%  |
| 81  | 10.980 | 3073 | 3076 | 3081 | rBV4 | 650     | 642     | 0.01%   | 0.002%  |
| 82  | 11.090 | 3103 | 3110 | 3115 | rBV5 | 2372    | 2966    | 0.07%   | 0.009%  |
| 83  | 11.170 | 3132 | 3135 | 3137 | rVB2 | 1000    | 608     | 0.01%   | 0.002%  |
| 84  | 11.251 | 3156 | 3160 | 3163 | rBV3 | 1077    | 1020    | 0.02%   | 0.003%  |
| 85  | 11.334 | 3183 | 3186 | 3189 | rBV3 | 1372    | 908     | 0.02%   | 0.003%  |
| 86  | 11.418 | 3201 | 3212 | 3220 | rBV3 | 87828   | 142092  | 3.21%   | 0.415%  |
| 87  | 11.482 | 3220 | 3232 | 3270 | rVB2 | 1614705 | 3793259 | 85.82%  | 11.083% |
| 88  | 11.858 | 3336 | 3349 | 3378 | rBV3 | 1881858 | 4420209 | 100.00% | 12.915% |
| 89  | 12.151 | 3438 | 3440 | 3441 | rBV2 | 1836    | 842     | 0.02%   | 0.002%  |
| 90  | 12.607 | 3576 | 3582 | 3585 | rBV7 | 1813    | 1989    | 0.04%   | 0.006%  |
| 91  | 12.662 | 3595 | 3599 | 3602 | rBV4 | 1076    | 987     | 0.02%   | 0.003%  |
| 92  | 12.681 | 3603 | 3605 | 3610 | rVB5 | 1421    | 1216    | 0.03%   | 0.004%  |
| 93  | 12.826 | 3647 | 3650 | 3656 | rBV7 | 1419    | 1949    | 0.04%   | 0.006%  |
| 94  | 13.090 | 3728 | 3732 | 3734 | rBV3 | 1747    | 1439    | 0.03%   | 0.004%  |
| 95  | 13.270 | 3786 | 3788 | 3793 | rBV4 | 1086    | 894     | 0.02%   | 0.003%  |
| 96  | 13.405 | 3827 | 3830 | 3834 | rBV3 | 1348    | 937     | 0.02%   | 0.003%  |
| 97  | 13.511 | 3852 | 3863 | 3883 | rBV4 | 58453   | 151594  | 3.43%   | 0.443%  |
| 98  | 13.993 | 4005 | 4013 | 4027 | rBV7 | 15663   | 41884   | 0.95%   | 0.122%  |
| 99  | 14.228 | 4084 | 4086 | 4089 | rBV4 | 1177    | 717     | 0.02%   | 0.002%  |
| 100 | 14.842 | 4275 | 4277 | 4279 | rBV2 | 1668    | 778     | 0.02%   | 0.002%  |

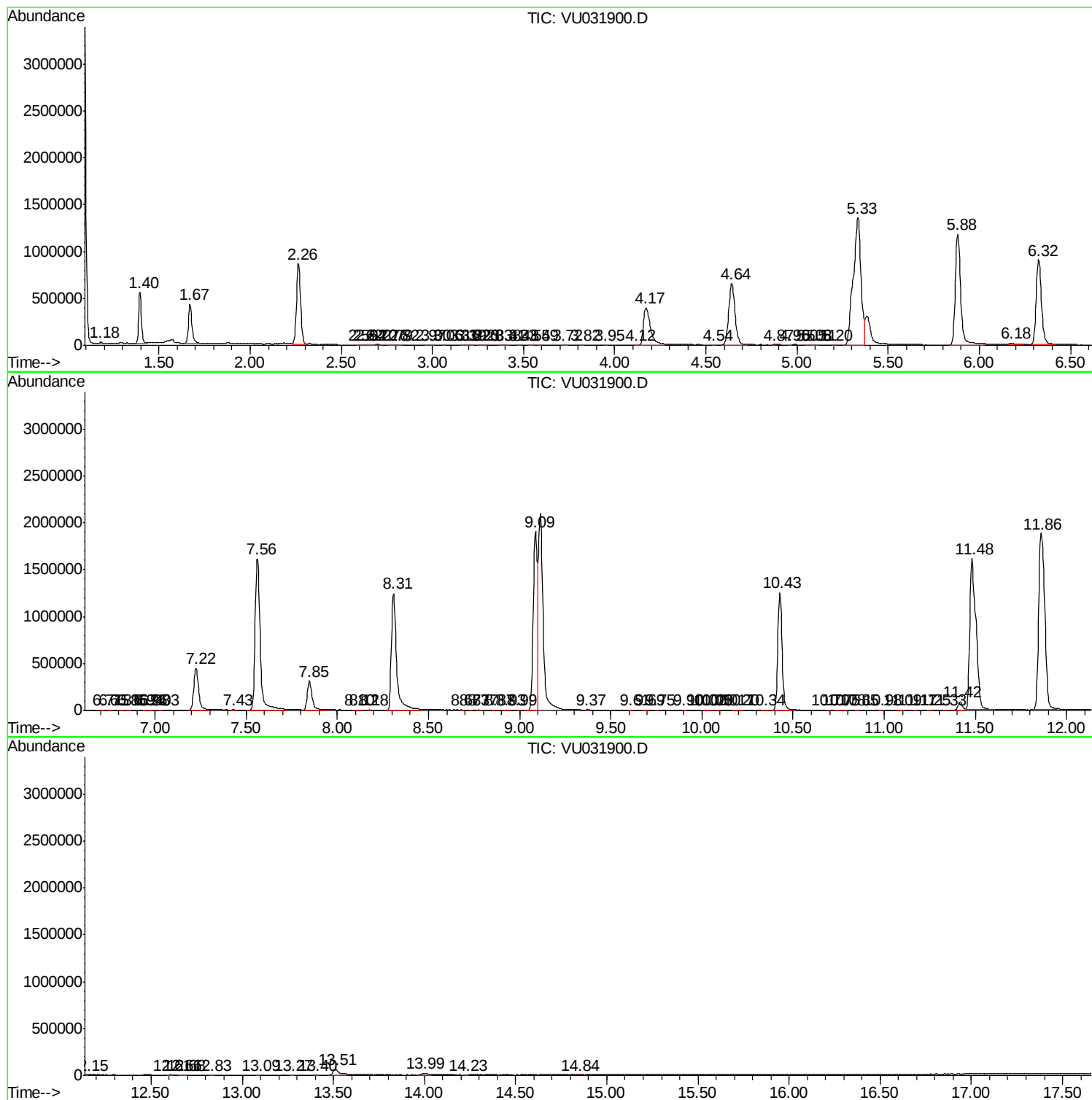
Sum of corrected areas: 34225210

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU051019\  
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No Library Search Compounds Detected

\*\*\*\*\*

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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |