

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080518\  
 Data File : VU025872.D  
 Acq On : 04 Aug 2018 14:37  
 Operator : MD/SY  
 Sample : J4340-07DL 10X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E5F72DL

## 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\SOMULM072018WMA.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         | 0.706       | 33            | 36          | 39           | rBV      | 448            | 400           | 0.04%           | 0.004%        |
| 2         | 1.088       | 136           | 155         | 169          | rBV      | 283864         | 320341        | 32.16%          | 3.544%        |
| 3         | 1.400       | 245           | 252         | 262          | rBV      | 104798         | 109545        | 11.00%          | 1.212%        |
| 4         | 1.680       | 331           | 339         | 355          | rVB      | 87963          | 113091        | 11.35%          | 1.251%        |
| 5         | 2.272       | 513           | 523         | 536          | rVB      | 209762         | 316933        | 31.82%          | 3.507%        |
| 6         | 2.397       | 557           | 562         | 564          | rBV2     | 340            | 232           | 0.02%           | 0.003%        |
| 7         | 2.436       | 570           | 574         | 575          | rBV2     | 696            | 469           | 0.05%           | 0.005%        |
| 8         | 2.539       | 604           | 606         | 611          | rVV3     | 376            | 318           | 0.03%           | 0.004%        |
| 9         | 2.619       | 627           | 631         | 632          | rVV2     | 599            | 404           | 0.04%           | 0.004%        |
| 10        | 2.629       | 632           | 634         | 639          | rVB2     | 468            | 339           | 0.03%           | 0.004%        |
| 11        | 2.699       | 648           | 656         | 657          | rBV4     | 1000           | 1080          | 0.11%           | 0.012%        |
| 12        | 2.757       | 668           | 674         | 676          | rBV3     | 526            | 546           | 0.05%           | 0.006%        |
| 13        | 2.838       | 686           | 699         | 711          | rBV2     | 9101           | 18733         | 1.88%           | 0.207%        |
| 14        | 2.915       | 719           | 723         | 726          | rBV2     | 516            | 404           | 0.04%           | 0.004%        |
| 15        | 2.982       | 739           | 744         | 745          | rBV2     | 308            | 262           | 0.03%           | 0.003%        |
| 16        | 3.117       | 782           | 786         | 789          | rBV3     | 705            | 531           | 0.05%           | 0.006%        |
| 17        | 3.236       | 820           | 823         | 828          | rVB2     | 395            | 220           | 0.02%           | 0.002%        |
| 18        | 3.403       | 872           | 875         | 881          | rVB3     | 391            | 414           | 0.04%           | 0.005%        |
| 19        | 3.432       | 881           | 884         | 890          | rBV3     | 476            | 469           | 0.05%           | 0.005%        |
| 20        | 3.612       | 932           | 940         | 943          | rBV3     | 366            | 467           | 0.05%           | 0.005%        |
| 21        | 3.654       | 949           | 953         | 956          | rBV3     | 303            | 270           | 0.03%           | 0.003%        |
| 22        | 3.799       | 994           | 998         | 1002         | rVB2     | 312            | 284           | 0.03%           | 0.003%        |
| 23        | 3.818       | 1002          | 1004        | 1009         | rVB      | 406            | 291           | 0.03%           | 0.003%        |
| 24        | 3.921       | 1033          | 1036        | 1041         | rBV3     | 367            | 366           | 0.04%           | 0.004%        |
| 25        | 3.947       | 1041          | 1044        | 1048         | rVB2     | 419            | 298           | 0.03%           | 0.003%        |
| 26        | 3.969       | 1048          | 1051        | 1052         | rBV2     | 454            | 281           | 0.03%           | 0.003%        |
| 27        | 4.182       | 1099          | 1117        | 1124         | rBV      | 94610          | 231530        | 23.25%          | 2.562%        |
| 28        | 4.477       | 1205          | 1209        | 1212         | rBV2     | 300            | 230           | 0.02%           | 0.003%        |
| 29        | 4.574       | 1233          | 1239        | 1242         | rBV4     | 446            | 394           | 0.04%           | 0.004%        |
| 30        | 4.651       | 1245          | 1263        | 1286         | rVV      | 175997         | 410366        | 41.20%          | 4.541%        |
| 31        | 4.886       | 1329          | 1336        | 1338         | rBV4     | 682            | 759           | 0.08%           | 0.008%        |
| 32        | 5.111       | 1403          | 1406        | 1410         | rVB2     | 366            | 254           | 0.03%           | 0.003%        |
| 33        | 5.140       | 1410          | 1415        | 1420         | rVB2     | 399            | 432           | 0.04%           | 0.005%        |
| 34        | 5.172       | 1420          | 1425        | 1428         | rBV2     | 288            | 258           | 0.03%           | 0.003%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072018WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |         |         |
|----|-------|------|------|------|------|--------|--------|---------|---------|
| 35 | 5.214 | 1433 | 1438 | 1443 | rBV2 | 391    | 462    | 0.05%   | 0.005%  |
| 36 | 5.239 | 1443 | 1446 | 1453 | rBV3 | 258    | 274    | 0.03%   | 0.003%  |
| 37 | 5.345 | 1453 | 1479 | 1503 | rBV2 | 333421 | 995999 | 100.00% | 11.020% |
| 38 | 5.513 | 1528 | 1531 | 1536 | rVB  | 443    | 326    | 0.03%   | 0.004%  |
| 39 | 5.535 | 1536 | 1538 | 1541 | rBV  | 358    | 220    | 0.02%   | 0.002%  |
| 40 | 5.606 | 1557 | 1560 | 1563 | rVB2 | 462    | 317    | 0.03%   | 0.004%  |
| 41 | 5.889 | 1634 | 1648 | 1666 | rBV  | 366452 | 716540 | 71.94%  | 7.928%  |
| 42 | 6.117 | 1716 | 1719 | 1723 | rVB  | 366    | 273    | 0.03%   | 0.003%  |
| 43 | 6.191 | 1730 | 1742 | 1759 | rVV  | 51135  | 97066  | 9.75%   | 1.074%  |
| 44 | 6.333 | 1772 | 1786 | 1812 | rBV  | 229876 | 459302 | 46.11%  | 5.082%  |
| 45 | 6.452 | 1821 | 1823 | 1828 | rVB2 | 548    | 378    | 0.04%   | 0.004%  |
| 46 | 6.500 | 1836 | 1838 | 1841 | rBV2 | 342    | 218    | 0.02%   | 0.002%  |
| 47 | 6.513 | 1841 | 1842 | 1848 | rVB  | 435    | 354    | 0.04%   | 0.004%  |
| 48 | 6.571 | 1855 | 1860 | 1865 | rVB3 | 430    | 422    | 0.04%   | 0.005%  |
| 49 | 6.661 | 1886 | 1888 | 1895 | rVB2 | 253    | 228    | 0.02%   | 0.003%  |
| 50 | 6.812 | 1930 | 1935 | 1939 | rBV3 | 418    | 428    | 0.04%   | 0.005%  |
| 51 | 6.847 | 1943 | 1946 | 1949 | rBV3 | 654    | 561    | 0.06%   | 0.006%  |
| 52 | 6.947 | 1974 | 1977 | 1981 | rBV  | 321    | 248    | 0.02%   | 0.003%  |
| 53 | 7.062 | 2010 | 2013 | 2019 | rVB2 | 266    | 294    | 0.03%   | 0.003%  |
| 54 | 7.172 | 2042 | 2047 | 2048 | rBV2 | 359    | 278    | 0.03%   | 0.003%  |
| 55 | 7.230 | 2052 | 2065 | 2093 | rVV  | 131509 | 236232 | 23.72%  | 2.614%  |
| 56 | 7.419 | 2120 | 2124 | 2126 | rBV  | 530    | 278    | 0.03%   | 0.003%  |
| 57 | 7.452 | 2132 | 2134 | 2142 | rVB3 | 501    | 374    | 0.04%   | 0.004%  |
| 58 | 7.567 | 2155 | 2170 | 2187 | rBV  | 464461 | 803368 | 80.66%  | 8.889%  |
| 59 | 7.773 | 2230 | 2234 | 2236 | rVB  | 412    | 251    | 0.03%   | 0.003%  |
| 60 | 7.850 | 2244 | 2258 | 2281 | rBV  | 94584  | 162614 | 16.33%  | 1.799%  |
| 61 | 8.175 | 2355 | 2359 | 2361 | rBV3 | 461    | 362    | 0.04%   | 0.004%  |
| 62 | 8.230 | 2364 | 2376 | 2391 | rVV2 | 320136 | 541380 | 54.36%  | 5.990%  |
| 63 | 8.313 | 2391 | 2402 | 2429 | rVV  | 283556 | 484761 | 48.67%  | 5.364%  |
| 64 | 8.587 | 2484 | 2487 | 2490 | rBV2 | 279    | 254    | 0.03%   | 0.003%  |
| 65 | 8.718 | 2523 | 2528 | 2531 | rBV  | 251    | 232    | 0.02%   | 0.003%  |
| 66 | 8.841 | 2563 | 2566 | 2569 | rBV  | 557    | 363    | 0.04%   | 0.004%  |
| 67 | 8.902 | 2582 | 2585 | 2588 | rBV  | 322    | 278    | 0.03%   | 0.003%  |
| 68 | 9.091 | 2631 | 2644 | 2668 | rBV  | 532272 | 868884 | 87.24%  | 9.614%  |
| 69 | 9.239 | 2687 | 2690 | 2693 | rBV  | 359    | 331    | 0.03%   | 0.004%  |
| 70 | 9.422 | 2744 | 2747 | 2751 | rBV3 | 288    | 271    | 0.03%   | 0.003%  |
| 71 | 9.519 | 2775 | 2777 | 2782 | rBV2 | 272    | 270    | 0.03%   | 0.003%  |

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 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\SOMULM072018WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 9.905  | 2891 | 2897 | 2899 | rBV3 | 423    | 430    | 0.04%  | 0.005% |
| 73  | 9.956  | 2909 | 2913 | 2915 | rBV3 | 255    | 256    | 0.03%  | 0.003% |
| 74  | 10.078 | 2949 | 2951 | 2954 | rVB  | 468    | 236    | 0.02%  | 0.003% |
| 75  | 10.101 | 2955 | 2958 | 2960 | rBV  | 341    | 246    | 0.02%  | 0.003% |
| 76  | 10.165 | 2976 | 2978 | 2983 | rVB2 | 377    | 272    | 0.03%  | 0.003% |
| 77  | 10.313 | 3020 | 3024 | 3034 | rBV5 | 681    | 981    | 0.10%  | 0.011% |
| 78  | 10.435 | 3049 | 3062 | 3084 | rVB  | 317839 | 511618 | 51.37% | 5.661% |
| 79  | 10.580 | 3102 | 3107 | 3110 | rBV2 | 324    | 325    | 0.03%  | 0.004% |
| 80  | 10.815 | 3178 | 3180 | 3187 | rVB2 | 450    | 454    | 0.05%  | 0.005% |
| 81  | 10.863 | 3188 | 3195 | 3199 | rBV3 | 533    | 568    | 0.06%  | 0.006% |
| 82  | 10.918 | 3210 | 3212 | 3218 | rVB3 | 328    | 360    | 0.04%  | 0.004% |
| 83  | 11.098 | 3264 | 3268 | 3271 | rBV3 | 399    | 336    | 0.03%  | 0.004% |
| 84  | 11.184 | 3291 | 3295 | 3297 | rBV3 | 318    | 255    | 0.03%  | 0.003% |
| 85  | 11.419 | 3364 | 3368 | 3373 | rVB3 | 533    | 537    | 0.05%  | 0.006% |
| 86  | 11.487 | 3375 | 3389 | 3409 | rBV  | 524899 | 836702 | 84.01% | 9.258% |
| 87  | 11.606 | 3422 | 3426 | 3430 | rBV3 | 580    | 629    | 0.06%  | 0.007% |
| 88  | 11.654 | 3438 | 3441 | 3446 | rBV3 | 688    | 663    | 0.07%  | 0.007% |
| 89  | 11.863 | 3492 | 3506 | 3526 | rBV  | 478933 | 772855 | 77.60% | 8.551% |
| 90  | 11.959 | 3534 | 3536 | 3539 | rBV2 | 591    | 373    | 0.04%  | 0.004% |
| 91  | 12.027 | 3555 | 3557 | 3562 | rVB3 | 515    | 385    | 0.04%  | 0.004% |
| 92  | 12.085 | 3573 | 3575 | 3579 | rBV2 | 402    | 310    | 0.03%  | 0.003% |
| 93  | 12.104 | 3579 | 3581 | 3586 | rVV3 | 422    | 324    | 0.03%  | 0.004% |
| 94  | 12.342 | 3650 | 3655 | 3657 | rBV2 | 404    | 354    | 0.04%  | 0.004% |
| 95  | 13.297 | 3949 | 3952 | 3954 | rBV2 | 342    | 280    | 0.03%  | 0.003% |
| 96  | 13.487 | 4006 | 4011 | 4013 | rBV3 | 498    | 526    | 0.05%  | 0.006% |
| 97  | 13.644 | 4055 | 4060 | 4061 | rBV2 | 630    | 412    | 0.04%  | 0.005% |
| 98  | 13.754 | 4091 | 4094 | 4097 | rBV3 | 500    | 334    | 0.03%  | 0.004% |
| 99  | 14.686 | 4381 | 4384 | 4387 | rBV2 | 419    | 290    | 0.03%  | 0.003% |
| 100 | 14.879 | 4441 | 4444 | 4448 | rBV2 | 667    | 549    | 0.06%  | 0.006% |

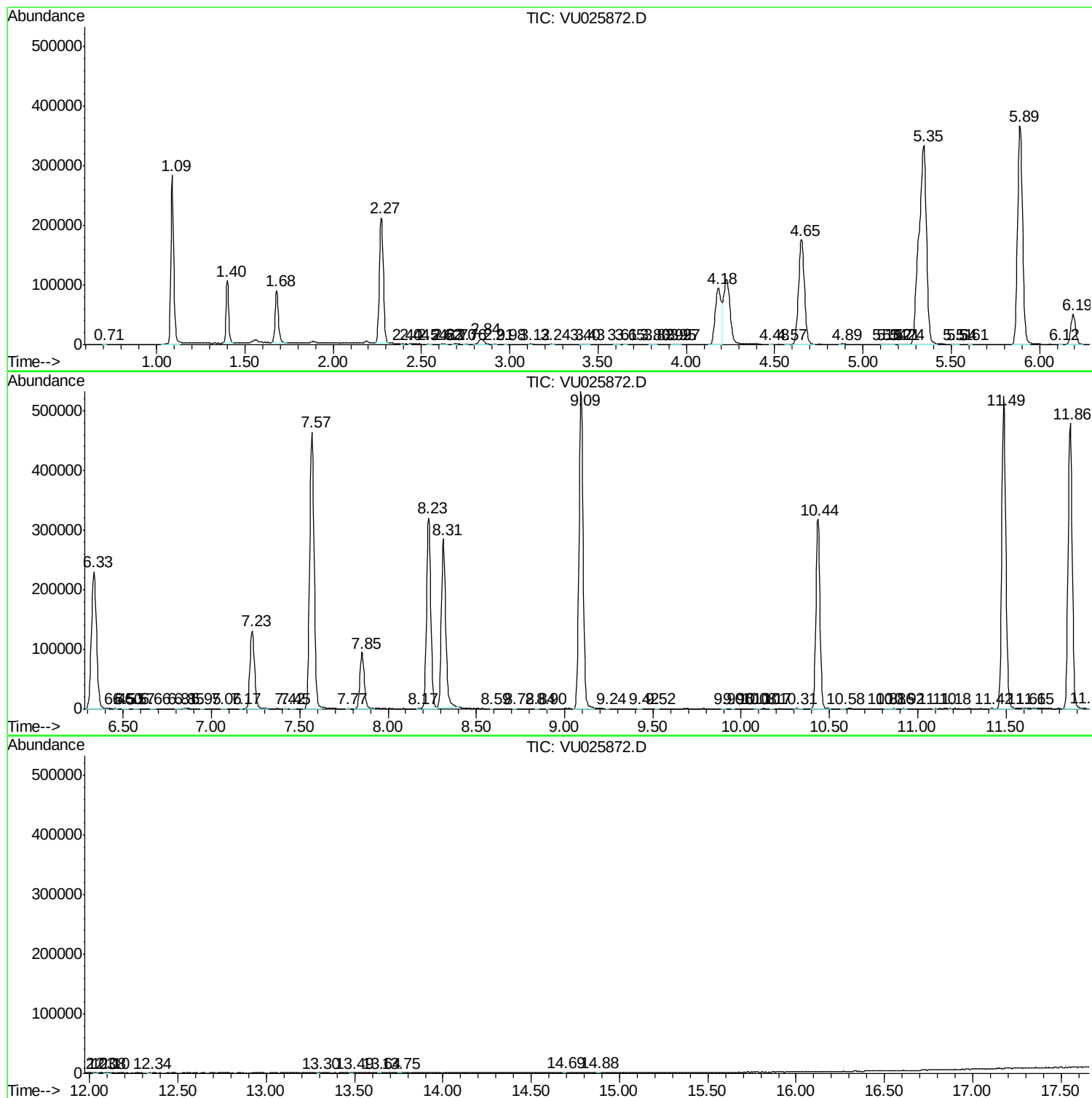
Sum of corrected areas: 9037762

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072018WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU080518\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072018WMA.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          |