

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092518\  
 Data File : VV007859.D  
 Acq On : 25 Sep 2018 17:36  
 Operator : SY/MD  
 Sample : J5043-18DL 5X  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E5FF8DL

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\SOMVLM092518WMA.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         | 1.325       | 67            | 73          | 93           | rVB      | 88508          | 94313         | 12.42%          | 1.344%        |
| 2         | 1.585       | 148           | 154         | 169          | rVB      | 80559          | 94420         | 12.43%          | 1.346%        |
| 3         | 2.138       | 316           | 326         | 338          | rBV      | 181463         | 260916        | 34.35%          | 3.719%        |
| 4         | 3.553       | 763           | 766         | 768          | rBV2     | 169            | 104           | 0.01%           | 0.001%        |
| 5         | 3.618       | 780           | 786         | 791          | rBV2     | 246            | 416           | 0.05%           | 0.006%        |
| 6         | 3.872       | 862           | 865         | 870          | rVB2     | 233            | 267           | 0.04%           | 0.004%        |
| 7         | 3.894       | 870           | 872         | 874          | rBV      | 221            | 148           | 0.02%           | 0.002%        |
| 8         | 3.971       | 878           | 896         | 937          | rBV4     | 168244         | 478771        | 63.03%          | 6.825%        |
| 9         | 4.344       | 1009          | 1012        | 1015         | rBV      | 330            | 190           | 0.03%           | 0.003%        |
| 10        | 4.412       | 1015          | 1033        | 1064         | rBV2     | 113214         | 300193        | 39.52%          | 4.279%        |
| 11        | 4.682       | 1114          | 1117        | 1120         | rBV2     | 134            | 120           | 0.02%           | 0.002%        |
| 12        | 4.765       | 1140          | 1143        | 1146         | rBV      | 183            | 175           | 0.02%           | 0.002%        |
| 13        | 4.791       | 1147          | 1151        | 1155         | rVV2     | 246            | 235           | 0.03%           | 0.003%        |
| 14        | 4.814       | 1155          | 1158        | 1162         | rVB      | 176            | 173           | 0.02%           | 0.002%        |
| 15        | 4.862       | 1170          | 1173        | 1176         | rBV      | 188            | 153           | 0.02%           | 0.002%        |
| 16        | 4.965       | 1203          | 1205        | 1208         | rVB2     | 219            | 136           | 0.02%           | 0.002%        |
| 17        | 4.984       | 1208          | 1211        | 1214         | rBV      | 254            | 209           | 0.03%           | 0.003%        |
| 18        | 5.103       | 1228          | 1248        | 1268         | rBV2     | 312729         | 759615        | 100.00%         | 10.828%       |
| 19        | 5.489       | 1364          | 1368        | 1370         | rBV      | 179            | 124           | 0.02%           | 0.002%        |
| 20        | 5.515       | 1374          | 1376        | 1381         | rVB2     | 351            | 250           | 0.03%           | 0.004%        |
| 21        | 5.550       | 1381          | 1387        | 1388         | rBV2     | 324            | 318           | 0.04%           | 0.005%        |
| 22        | 5.605       | 1403          | 1404        | 1408         | rBV2     | 115            | 90            | 0.01%           | 0.001%        |
| 23        | 5.672       | 1410          | 1425        | 1443         | rBV      | 222978         | 448436        | 59.03%          | 6.392%        |
| 24        | 5.965       | 1503          | 1516        | 1543         | rBV      | 119206         | 234925        | 30.93%          | 3.349%        |
| 25        | 6.125       | 1552          | 1566        | 1603         | rBV      | 168433         | 348355        | 45.86%          | 4.966%        |
| 26        | 6.338       | 1630          | 1632        | 1633         | rVB      | 323            | 108           | 0.01%           | 0.002%        |
| 27        | 6.351       | 1635          | 1636        | 1642         | rVB2     | 268            | 146           | 0.02%           | 0.002%        |
| 28        | 6.466       | 1667          | 1672        | 1674         | rBV2     | 158            | 169           | 0.02%           | 0.002%        |
| 29        | 6.505       | 1681          | 1684        | 1688         | rBV      | 186            | 184           | 0.02%           | 0.003%        |
| 30        | 6.527       | 1689          | 1691        | 1694         | rBV      | 161            | 106           | 0.01%           | 0.002%        |
| 31        | 6.733       | 1750          | 1755        | 1758         | rBV2     | 315            | 284           | 0.04%           | 0.004%        |
| 32        | 6.817       | 1776          | 1781        | 1785         | rVV2     | 307            | 317           | 0.04%           | 0.005%        |
| 33        | 6.920       | 1811          | 1813        | 1815         | rBV      | 271            | 111           | 0.01%           | 0.002%        |
| 34        | 6.955       | 1821          | 1824        | 1827         | rBV2     | 196            | 117           | 0.02%           | 0.002%        |

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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\_V\METHOD\SOMVLM092518WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 7.035  | 1836 | 1849 | 1876 | rBV2 | 89114  | 162702 | 21.42% | 2.319% |
| 36 | 7.238  | 1909 | 1912 | 1915 | rVB2 | 201    | 124    | 0.02%  | 0.002% |
| 37 | 7.254  | 1915 | 1917 | 1920 | rBV2 | 206    | 157    | 0.02%  | 0.002% |
| 38 | 7.363  | 1937 | 1951 | 1983 | rBV  | 353318 | 639262 | 84.16% | 9.112% |
| 39 | 7.669  | 2035 | 2046 | 2065 | rBV  | 62518  | 108768 | 14.32% | 1.550% |
| 40 | 7.916  | 2121 | 2123 | 2125 | rVB  | 303    | 95     | 0.01%  | 0.001% |
| 41 | 8.022  | 2143 | 2156 | 2181 | rBV  | 330057 | 564578 | 74.32% | 8.048% |
| 42 | 8.138  | 2181 | 2192 | 2231 | rBV2 | 169141 | 370418 | 48.76% | 5.280% |
| 43 | 8.502  | 2302 | 2305 | 2308 | rBV2 | 222    | 145    | 0.02%  | 0.002% |
| 44 | 8.585  | 2329 | 2331 | 2334 | rBV2 | 149    | 90     | 0.01%  | 0.001% |
| 45 | 8.659  | 2349 | 2354 | 2356 | rBV2 | 138    | 148    | 0.02%  | 0.002% |
| 46 | 8.717  | 2371 | 2372 | 2377 | rVB  | 329    | 103    | 0.01%  | 0.001% |
| 47 | 8.746  | 2377 | 2381 | 2383 | rBV2 | 210    | 209    | 0.03%  | 0.003% |
| 48 | 8.833  | 2405 | 2408 | 2412 | rVB2 | 246    | 201    | 0.03%  | 0.003% |
| 49 | 8.858  | 2412 | 2416 | 2417 | rBV  | 232    | 132    | 0.02%  | 0.002% |
| 50 | 8.900  | 2417 | 2429 | 2467 | rVV  | 328197 | 564298 | 74.29% | 8.044% |
| 51 | 9.260  | 2536 | 2541 | 2544 | rBV2 | 183    | 209    | 0.03%  | 0.003% |
| 52 | 9.280  | 2544 | 2547 | 2550 | rVB  | 334    | 178    | 0.02%  | 0.003% |
| 53 | 9.309  | 2553 | 2556 | 2560 | rBV2 | 166    | 152    | 0.02%  | 0.002% |
| 54 | 9.347  | 2565 | 2568 | 2574 | rBV2 | 183    | 205    | 0.03%  | 0.003% |
| 55 | 9.408  | 2584 | 2587 | 2590 | rVB2 | 227    | 148    | 0.02%  | 0.002% |
| 56 | 9.563  | 2633 | 2635 | 2637 | rBV  | 222    | 141    | 0.02%  | 0.002% |
| 57 | 9.611  | 2647 | 2650 | 2653 | rBV3 | 376    | 287    | 0.04%  | 0.004% |
| 58 | 9.839  | 2713 | 2721 | 2724 | rBV2 | 244    | 339    | 0.04%  | 0.005% |
| 59 | 9.871  | 2729 | 2731 | 2736 | rVB2 | 169    | 130    | 0.02%  | 0.002% |
| 60 | 9.894  | 2736 | 2738 | 2741 | rBV2 | 140    | 105    | 0.01%  | 0.001% |
| 61 | 9.981  | 2760 | 2765 | 2767 | rBV  | 304    | 265    | 0.03%  | 0.004% |
| 62 | 10.071 | 2790 | 2793 | 2796 | rBV2 | 216    | 183    | 0.02%  | 0.003% |
| 63 | 10.145 | 2814 | 2816 | 2818 | rBV2 | 175    | 105    | 0.01%  | 0.001% |
| 64 | 10.267 | 2842 | 2854 | 2886 | rBV  | 229416 | 383231 | 50.45% | 5.463% |
| 65 | 10.373 | 2886 | 2887 | 2890 | rVB  | 252    | 97     | 0.01%  | 0.001% |
| 66 | 10.402 | 2890 | 2896 | 2897 | rBV  | 140    | 123    | 0.02%  | 0.002% |
| 67 | 10.418 | 2897 | 2901 | 2902 | rBV2 | 431    | 276    | 0.04%  | 0.004% |
| 68 | 10.476 | 2917 | 2919 | 2923 | rVB2 | 197    | 148    | 0.02%  | 0.002% |
| 69 | 10.505 | 2925 | 2928 | 2932 | rVV2 | 198    | 136    | 0.02%  | 0.002% |
| 70 | 10.591 | 2950 | 2955 | 2956 | rBV  | 166    | 160    | 0.02%  | 0.002% |
| 71 | 10.714 | 2990 | 2993 | 2994 | rBV  | 167    | 115    | 0.02%  | 0.002% |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092518WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 10.727 | 2995 | 2997 | 3000 | rVB  | 335    | 157    | 0.02%  | 0.002% |
| 73  | 10.755 | 3004 | 3006 | 3011 | rBV  | 203    | 219    | 0.03%  | 0.003% |
| 74  | 10.826 | 3025 | 3028 | 3031 | rBV  | 194    | 179    | 0.02%  | 0.003% |
| 75  | 11.074 | 3102 | 3105 | 3107 | rBV2 | 140    | 119    | 0.02%  | 0.002% |
| 76  | 11.106 | 3111 | 3115 | 3118 | rBV  | 211    | 175    | 0.02%  | 0.002% |
| 77  | 11.151 | 3127 | 3129 | 3133 | rBV2 | 183    | 157    | 0.02%  | 0.002% |
| 78  | 11.177 | 3133 | 3137 | 3138 | rBV  | 207    | 162    | 0.02%  | 0.002% |
| 79  | 11.231 | 3147 | 3154 | 3155 | rBV  | 1082   | 841    | 0.11%  | 0.012% |
| 80  | 11.299 | 3163 | 3175 | 3201 | rBV  | 326799 | 562965 | 74.11% | 8.025% |
| 81  | 11.427 | 3212 | 3215 | 3217 | rBV2 | 253    | 137    | 0.02%  | 0.002% |
| 82  | 11.456 | 3222 | 3224 | 3228 | rVB2 | 460    | 195    | 0.03%  | 0.003% |
| 83  | 11.479 | 3228 | 3231 | 3232 | rBV2 | 162    | 91     | 0.01%  | 0.001% |
| 84  | 11.495 | 3233 | 3236 | 3240 | rBV2 | 207    | 194    | 0.03%  | 0.003% |
| 85  | 11.582 | 3261 | 3263 | 3267 | rVB2 | 259    | 137    | 0.02%  | 0.002% |
| 86  | 11.678 | 3280 | 3293 | 3315 | rVB  | 360392 | 623598 | 82.09% | 8.889% |
| 87  | 11.907 | 3362 | 3364 | 3369 | rVB2 | 570    | 327    | 0.04%  | 0.005% |
| 88  | 12.032 | 3400 | 3403 | 3405 | rBV2 | 282    | 223    | 0.03%  | 0.003% |
| 89  | 12.087 | 3417 | 3420 | 3422 | rBV  | 313    | 193    | 0.03%  | 0.003% |
| 90  | 12.206 | 3454 | 3457 | 3459 | rBV2 | 282    | 143    | 0.02%  | 0.002% |
| 91  | 12.222 | 3459 | 3462 | 3465 | rVB2 | 279    | 216    | 0.03%  | 0.003% |
| 92  | 12.244 | 3466 | 3469 | 3474 | rVB  | 278    | 219    | 0.03%  | 0.003% |
| 93  | 12.273 | 3474 | 3478 | 3483 | rBV  | 344    | 392    | 0.05%  | 0.006% |
| 94  | 12.337 | 3495 | 3498 | 3501 | rBV  | 270    | 212    | 0.03%  | 0.003% |
| 95  | 12.440 | 3528 | 3530 | 3533 | rBV  | 198    | 145    | 0.02%  | 0.002% |
| 96  | 12.501 | 3544 | 3549 | 3554 | rBV2 | 397    | 496    | 0.07%  | 0.007% |
| 97  | 12.569 | 3567 | 3570 | 3573 | rBV3 | 262    | 181    | 0.02%  | 0.003% |
| 98  | 12.852 | 3654 | 3658 | 3660 | rBV2 | 372    | 291    | 0.04%  | 0.004% |
| 99  | 12.968 | 3691 | 3694 | 3695 | rBV  | 228    | 111    | 0.01%  | 0.002% |
| 100 | 13.122 | 3740 | 3742 | 3746 | rBV  | 249    | 136    | 0.02%  | 0.002% |

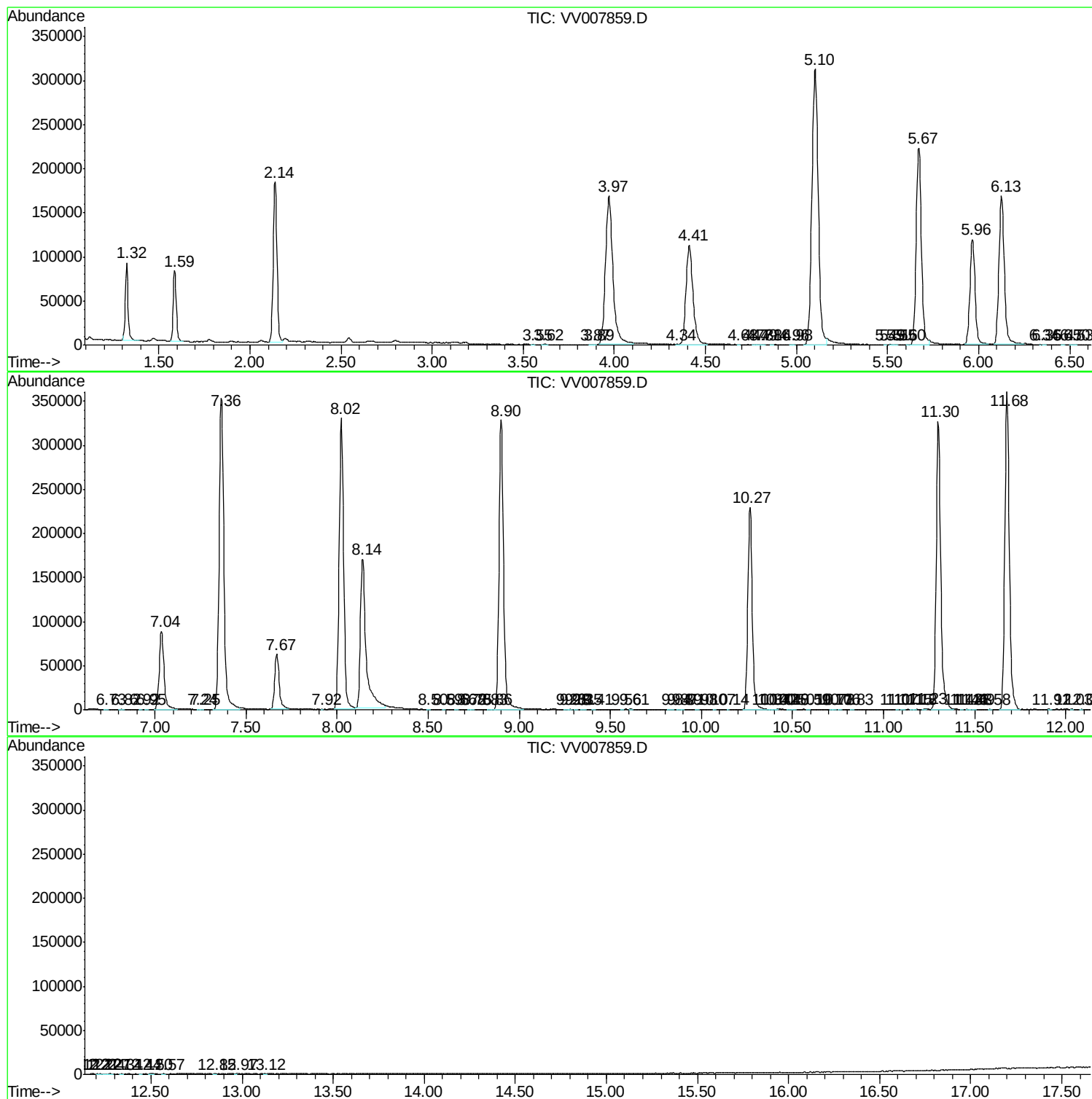
Sum of corrected areas: 7015368

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MSVOA\_V  
ClientSampled :  
E5FF8DL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092518WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV092518\  
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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        |