

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\  
 Data File : VU025564.D  
 Acq On : 20 Jul 2018 23:55  
 Operator : MD/SY  
 Sample : J4097-17  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0AB4

## 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         | 0.619       | 7             | 9           | 11           | rBV      | 193            | 77            | 0.01%           | 0.001%        |
| 2         | 0.680       | 23            | 28          | 31           | rBV3     | 500            | 370           | 0.03%           | 0.004%        |
| 3         | 0.709       | 36            | 37          | 38           | rBB3     | 87             | 17            | 0.00%           | 0.000%        |
| 4         | 0.719       | 38            | 40          | 41           | rBV      | 310            | 142           | 0.01%           | 0.001%        |
| 5         | 0.760       | 46            | 53          | 56           | rBV2     | 321            | 281           | 0.03%           | 0.003%        |
| 6         | 0.780       | 56            | 59          | 61           | rBV2     | 327            | 183           | 0.02%           | 0.002%        |
| 7         | 0.805       | 65            | 67          | 70           | rVV2     | 401            | 196           | 0.02%           | 0.002%        |
| 8         | 0.844       | 74            | 79          | 83           | rBV      | 279            | 252           | 0.02%           | 0.003%        |
| 9         | 0.863       | 83            | 85          | 89           | rVB2     | 150            | 100           | 0.01%           | 0.001%        |
| 10        | 0.924       | 103           | 104         | 107          | rVB      | 132            | 45            | 0.00%           | 0.000%        |
| 11        | 1.008       | 126           | 130         | 131          | rBV2     | 252            | 176           | 0.02%           | 0.002%        |
| 12        | 1.088       | 137           | 155         | 177          | rBV      | 905221         | 1008292       | 94.40%          | 10.627%       |
| 13        | 1.404       | 246           | 253         | 264          | rBV      | 122942         | 124533        | 11.66%          | 1.313%        |
| 14        | 1.683       | 333           | 340         | 352          | rVB      | 97630          | 121738        | 11.40%          | 1.283%        |
| 15        | 2.275       | 515           | 524         | 537          | rVB      | 221986         | 333848        | 31.26%          | 3.519%        |
| 16        | 2.561       | 612           | 613         | 618          | rVB2     | 443            | 250           | 0.02%           | 0.003%        |
| 17        | 2.696       | 652           | 655         | 656          | rBV2     | 416            | 219           | 0.02%           | 0.002%        |
| 18        | 2.786       | 681           | 683         | 685          | rBV      | 277            | 152           | 0.01%           | 0.002%        |
| 19        | 2.892       | 710           | 716         | 718          | rBV2     | 297            | 273           | 0.03%           | 0.003%        |
| 20        | 2.956       | 735           | 736         | 737          | rBV      | 531            | 185           | 0.02%           | 0.002%        |
| 21        | 3.002       | 738           | 750         | 769          | rVB2     | 31823          | 69556         | 6.51%           | 0.733%        |
| 22        | 3.069       | 769           | 771         | 773          | rBV      | 249            | 109           | 0.01%           | 0.001%        |
| 23        | 3.082       | 773           | 775         | 777          | rBV      | 301            | 140           | 0.01%           | 0.001%        |
| 24        | 3.201       | 809           | 812         | 815          | rBV2     | 411            | 236           | 0.02%           | 0.002%        |
| 25        | 3.265       | 829           | 832         | 839          | rBV3     | 336            | 414           | 0.04%           | 0.004%        |
| 26        | 3.365       | 860           | 863         | 865          | rBV      | 215            | 142           | 0.01%           | 0.001%        |
| 27        | 3.400       | 870           | 874         | 876          | rBV2     | 651            | 467           | 0.04%           | 0.005%        |
| 28        | 3.452       | 878           | 890         | 909          | rVB2     | 40692          | 89656         | 8.39%           | 0.945%        |
| 29        | 3.619       | 939           | 942         | 946          | rBV      | 357            | 277           | 0.03%           | 0.003%        |
| 30        | 3.648       | 947           | 951         | 953          | rBV      | 320            | 228           | 0.02%           | 0.002%        |
| 31        | 3.818       | 1001          | 1004        | 1006         | rBV      | 155            | 83            | 0.01%           | 0.001%        |
| 32        | 3.908       | 1031          | 1032        | 1033         | rBV      | 155            | 45            | 0.00%           | 0.000%        |
| 33        | 3.953       | 1043          | 1046        | 1053         | rVB2     | 204            | 191           | 0.02%           | 0.002%        |
| 34        | 3.989       | 1054          | 1057        | 1058         | rBV      | 323            | 180           | 0.02%           | 0.002%        |

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

|    |       |      |      |      |      |        |         |         |         |
|----|-------|------|------|------|------|--------|---------|---------|---------|
| 35 | 4.034 | 1068 | 1071 | 1077 | rVB3 | 436    | 383     | 0.04%   | 0.004%  |
| 36 | 4.175 | 1101 | 1115 | 1145 | rBV  | 86518  | 228336  | 21.38%  | 2.407%  |
| 37 | 4.452 | 1198 | 1201 | 1204 | rBV2 | 412    | 319     | 0.03%   | 0.003%  |
| 38 | 4.654 | 1246 | 1264 | 1287 | rBV2 | 184409 | 429082  | 40.17%  | 4.522%  |
| 39 | 4.818 | 1313 | 1315 | 1319 | rVB2 | 208    | 74      | 0.01%   | 0.001%  |
| 40 | 4.847 | 1319 | 1324 | 1325 | rBV  | 244    | 168     | 0.02%   | 0.002%  |
| 41 | 4.921 | 1329 | 1347 | 1364 | rBV8 | 2732   | 7352    | 0.69%   | 0.077%  |
| 42 | 4.985 | 1364 | 1367 | 1368 | rBV2 | 425    | 251     | 0.02%   | 0.003%  |
| 43 | 5.220 | 1438 | 1440 | 1443 | rBV2 | 288    | 143     | 0.01%   | 0.002%  |
| 44 | 5.345 | 1454 | 1479 | 1504 | rBV2 | 358290 | 1068073 | 100.00% | 11.257% |
| 45 | 5.561 | 1543 | 1546 | 1548 | rBV2 | 376    | 186     | 0.02%   | 0.002%  |
| 46 | 5.683 | 1579 | 1584 | 1585 | rBV3 | 402    | 341     | 0.03%   | 0.004%  |
| 47 | 5.889 | 1632 | 1648 | 1671 | rBV  | 376856 | 734025  | 68.72%  | 7.736%  |
| 48 | 6.146 | 1725 | 1728 | 1732 | rBV2 | 278    | 259     | 0.02%   | 0.003%  |
| 49 | 6.188 | 1735 | 1741 | 1750 | rVB5 | 1259   | 2501    | 0.23%   | 0.026%  |
| 50 | 6.336 | 1772 | 1787 | 1805 | rBV  | 241314 | 485017  | 45.41%  | 5.112%  |
| 51 | 6.725 | 1905 | 1908 | 1911 | rBV2 | 363    | 229     | 0.02%   | 0.002%  |
| 52 | 6.751 | 1914 | 1916 | 1917 | rBV  | 291    | 114     | 0.01%   | 0.001%  |
| 53 | 6.786 | 1924 | 1927 | 1928 | rBV  | 446    | 239     | 0.02%   | 0.003%  |
| 54 | 6.841 | 1941 | 1944 | 1945 | rBV3 | 521    | 310     | 0.03%   | 0.003%  |
| 55 | 7.021 | 1997 | 2000 | 2001 | rBV  | 385    | 173     | 0.02%   | 0.002%  |
| 56 | 7.046 | 2006 | 2008 | 2013 | rVB3 | 455    | 324     | 0.03%   | 0.003%  |
| 57 | 7.230 | 2052 | 2065 | 2084 | rBV  | 137859 | 244493  | 22.89%  | 2.577%  |
| 58 | 7.567 | 2158 | 2170 | 2190 | rBV  | 492441 | 853464  | 79.91%  | 8.995%  |
| 59 | 7.853 | 2247 | 2259 | 2275 | rBV  | 94639  | 162011  | 15.17%  | 1.707%  |
| 60 | 8.059 | 2320 | 2323 | 2324 | rBV  | 350    | 188     | 0.02%   | 0.002%  |
| 61 | 8.120 | 2341 | 2342 | 2343 | rBV  | 299    | 112     | 0.01%   | 0.001%  |
| 62 | 8.185 | 2349 | 2362 | 2378 | rBV2 | 14497  | 36995   | 3.46%   | 0.390%  |
| 63 | 8.313 | 2391 | 2402 | 2439 | rVB  | 290257 | 509812  | 47.73%  | 5.373%  |
| 64 | 8.503 | 2459 | 2461 | 2465 | rBV2 | 468    | 278     | 0.03%   | 0.003%  |
| 65 | 8.558 | 2474 | 2478 | 2481 | rVB3 | 462    | 325     | 0.03%   | 0.003%  |
| 66 | 8.577 | 2481 | 2484 | 2487 | rBV3 | 479    | 419     | 0.04%   | 0.004%  |
| 67 | 8.635 | 2499 | 2502 | 2503 | rBV  | 294    | 168     | 0.02%   | 0.002%  |
| 68 | 9.091 | 2631 | 2644 | 2666 | rBV  | 518336 | 856922  | 80.23%  | 9.031%  |
| 69 | 9.230 | 2684 | 2687 | 2689 | rBV2 | 298    | 218     | 0.02%   | 0.002%  |
| 70 | 9.345 | 2720 | 2723 | 2726 | rBV2 | 426    | 341     | 0.03%   | 0.004%  |
| 71 | 9.930 | 2901 | 2905 | 2908 | rBV3 | 440    | 395     | 0.04%   | 0.004%  |

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

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 72 | 10.085 | 2950 | 2953 | 2955 | rBV  | 285    | 147    | 0.01%  | 0.002% |
| 73 | 10.258 | 3003 | 3007 | 3009 | rBV  | 267    | 223    | 0.02%  | 0.002% |
| 74 | 10.435 | 3049 | 3062 | 3077 | rBV  | 333230 | 534243 | 50.02% | 5.631% |
| 75 | 10.612 | 3109 | 3117 | 3131 | rVB5 | 6596   | 12650  | 1.18%  | 0.133% |
| 76 | 10.853 | 3190 | 3192 | 3196 | rBV2 | 277    | 199    | 0.02%  | 0.002% |
| 77 | 10.966 | 3225 | 3227 | 3230 | rVB2 | 405    | 186    | 0.02%  | 0.002% |
| 78 | 11.197 | 3295 | 3299 | 3303 | rBV3 | 479    | 370    | 0.03%  | 0.004% |
| 79 | 11.332 | 3338 | 3341 | 3343 | rBV  | 262    | 130    | 0.01%  | 0.001% |
| 80 | 11.487 | 3377 | 3389 | 3409 | rBV  | 498729 | 779648 | 73.00% | 8.217% |
| 81 | 11.676 | 3445 | 3448 | 3453 | rBV3 | 441    | 355    | 0.03%  | 0.004% |
| 82 | 11.863 | 3494 | 3506 | 3524 | rBV  | 488260 | 782579 | 73.27% | 8.248% |
| 83 | 12.024 | 3553 | 3556 | 3559 | rBV2 | 769    | 404    | 0.04%  | 0.004% |

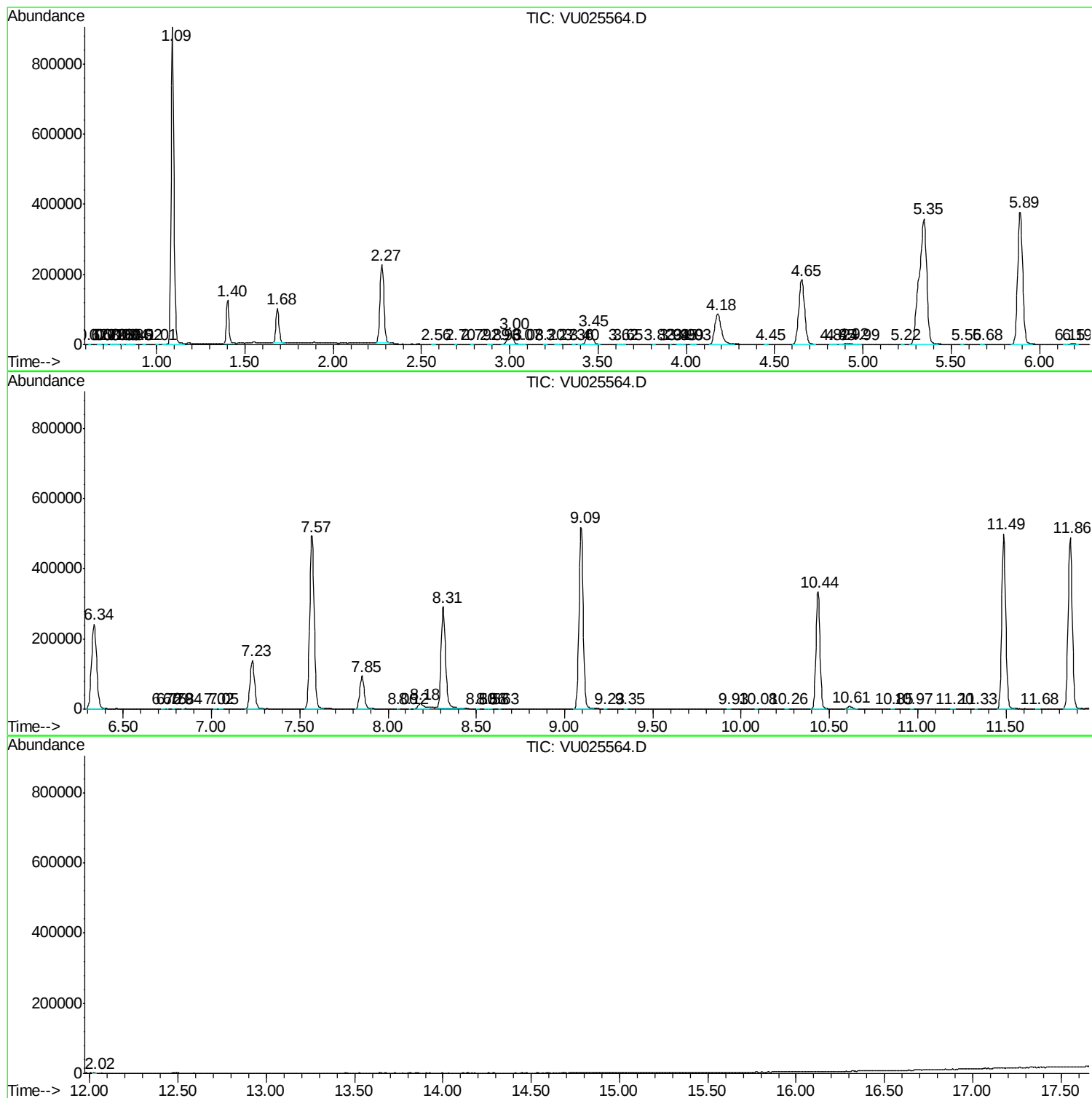
Sum of corrected areas: 9488227

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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



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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 Integration Parameters: LSCINT.P

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