

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072318\  
 Data File : VU025607.D  
 Acq On : 23 Jul 2018 17:08  
 Operator : MD/SY  
 Sample : J4072-11  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 JJ1U0

## 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         | 0.654       | 12            | 20          | 25           | rBV3     | 302            | 463           | 0.05%           | 0.006%        |
| 2         | 0.757       | 47            | 52          | 59           | rBV2     | 332            | 362           | 0.04%           | 0.005%        |
| 3         | 0.950       | 109           | 112         | 118          | rVB2     | 342            | 375           | 0.04%           | 0.005%        |
| 4         | 0.985       | 118           | 123         | 126          | rBV      | 531            | 520           | 0.06%           | 0.007%        |
| 5         | 1.091       | 135           | 156         | 169          | rBV      | 134751         | 157474        | 17.50%          | 1.983%        |
| 6         | 1.403       | 246           | 253         | 266          | rBV      | 87223          | 91758         | 10.20%          | 1.155%        |
| 7         | 1.683       | 332           | 340         | 354          | rBV      | 78652          | 99143         | 11.02%          | 1.248%        |
| 8         | 2.275       | 514           | 524         | 537          | rVB      | 175026         | 265669        | 29.53%          | 3.345%        |
| 9         | 2.390       | 557           | 560         | 564          | rBV3     | 374            | 325           | 0.04%           | 0.004%        |
| 10        | 2.554       | 606           | 611         | 612          | rBV2     | 450            | 340           | 0.04%           | 0.004%        |
| 11        | 2.590       | 620           | 622         | 625          | rBV2     | 458            | 341           | 0.04%           | 0.004%        |
| 12        | 2.616       | 625           | 630         | 642          | rVB5     | 1591           | 2859          | 0.32%           | 0.036%        |
| 13        | 2.702       | 651           | 657         | 666          | rBV5     | 1060           | 1606          | 0.18%           | 0.020%        |
| 14        | 2.834       | 692           | 698         | 700          | rBV5     | 665            | 721           | 0.08%           | 0.009%        |
| 15        | 2.953       | 731           | 735         | 739          | rVB2     | 691            | 503           | 0.06%           | 0.006%        |
| 16        | 2.979       | 739           | 743         | 750          | rBV3     | 334            | 534           | 0.06%           | 0.007%        |
| 17        | 3.088       | 773           | 777         | 782          | rVB2     | 442            | 389           | 0.04%           | 0.005%        |
| 18        | 3.114       | 782           | 785         | 789          | rBV2     | 665            | 565           | 0.06%           | 0.007%        |
| 19        | 3.188       | 803           | 808         | 814          | rBV3     | 407            | 411           | 0.05%           | 0.005%        |
| 20        | 3.278       | 833           | 836         | 840          | rVB2     | 353            | 228           | 0.03%           | 0.003%        |
| 21        | 3.310       | 840           | 846         | 849          | rBV4     | 547            | 679           | 0.08%           | 0.009%        |
| 22        | 3.612       | 936           | 940         | 942          | rBV      | 475            | 266           | 0.03%           | 0.003%        |
| 23        | 3.847       | 1010          | 1013        | 1017         | rVB2     | 342            | 281           | 0.03%           | 0.004%        |
| 24        | 3.921       | 1032          | 1036        | 1040         | rVV3     | 361            | 363           | 0.04%           | 0.005%        |
| 25        | 4.178       | 1101          | 1116        | 1143         | rBV      | 87842          | 228018        | 25.34%          | 2.871%        |
| 26        | 4.448       | 1193          | 1200        | 1204         | rVB3     | 507            | 498           | 0.06%           | 0.006%        |
| 27        | 4.654       | 1246          | 1264        | 1285         | rBV      | 161403         | 377046        | 41.91%          | 4.748%        |
| 28        | 4.850       | 1322          | 1325        | 1328         | rVB3     | 394            | 258           | 0.03%           | 0.003%        |
| 29        | 4.892       | 1334          | 1338        | 1348         | rVB3     | 1098           | 1461          | 0.16%           | 0.018%        |
| 30        | 4.985       | 1365          | 1367        | 1369         | rVV      | 420            | 277           | 0.03%           | 0.003%        |
| 31        | 5.143       | 1413          | 1416        | 1421         | rVB2     | 440            | 325           | 0.04%           | 0.004%        |
| 32        | 5.233       | 1441          | 1444        | 1446         | rVV2     | 405            | 269           | 0.03%           | 0.003%        |
| 33        | 5.345       | 1454          | 1479        | 1502         | rBV2     | 300147         | 899724        | 100.00%         | 11.330%       |
| 34        | 5.599       | 1553          | 1558        | 1560         | rBV2     | 446            | 429           | 0.05%           | 0.005%        |

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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\SOMULM072018WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |         |
|----|-------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.664 | 1572 | 1578 | 1579 | rBV3 | 377    | 284    | 0.03%  | 0.004%  |
| 36 | 5.673 | 1579 | 1581 | 1584 | rVB  | 425    | 276    | 0.03%  | 0.003%  |
| 37 | 5.712 | 1590 | 1593 | 1596 | rBV2 | 342    | 281    | 0.03%  | 0.004%  |
| 38 | 5.892 | 1626 | 1649 | 1666 | rBV  | 376725 | 772982 | 85.91% | 9.734%  |
| 39 | 6.336 | 1773 | 1787 | 1807 | rBV  | 212553 | 424896 | 47.23% | 5.351%  |
| 40 | 6.721 | 1905 | 1907 | 1911 | rVB3 | 610    | 370    | 0.04%  | 0.005%  |
| 41 | 6.776 | 1921 | 1924 | 1926 | rBV2 | 373    | 237    | 0.03%  | 0.003%  |
| 42 | 6.815 | 1933 | 1936 | 1938 | rBV2 | 458    | 281    | 0.03%  | 0.004%  |
| 43 | 6.850 | 1940 | 1947 | 1955 | rVB4 | 1465   | 2386   | 0.27%  | 0.030%  |
| 44 | 6.995 | 1990 | 1992 | 1995 | rBV2 | 444    | 334    | 0.04%  | 0.004%  |
| 45 | 7.046 | 2005 | 2008 | 2012 | rBV3 | 482    | 366    | 0.04%  | 0.005%  |
| 46 | 7.175 | 2045 | 2048 | 2050 | rBV2 | 385    | 252    | 0.03%  | 0.003%  |
| 47 | 7.233 | 2053 | 2066 | 2080 | rBV  | 125120 | 223738 | 24.87% | 2.817%  |
| 48 | 7.464 | 2135 | 2138 | 2141 | rBV2 | 408    | 319    | 0.04%  | 0.004%  |
| 49 | 7.570 | 2157 | 2171 | 2189 | rBV  | 416771 | 720259 | 80.05% | 9.070%  |
| 50 | 7.853 | 2246 | 2259 | 2279 | rBV  | 91387  | 151772 | 16.87% | 1.911%  |
| 51 | 7.982 | 2296 | 2299 | 2302 | rBV2 | 902    | 616    | 0.07%  | 0.008%  |
| 52 | 7.998 | 2302 | 2304 | 2307 | rVB2 | 542    | 332    | 0.04%  | 0.004%  |
| 53 | 8.017 | 2307 | 2310 | 2311 | rBV2 | 436    | 230    | 0.03%  | 0.003%  |
| 54 | 8.027 | 2311 | 2313 | 2317 | rVB  | 494    | 372    | 0.04%  | 0.005%  |
| 55 | 8.114 | 2335 | 2340 | 2346 | rBV3 | 384    | 449    | 0.05%  | 0.006%  |
| 56 | 8.184 | 2350 | 2362 | 2373 | rBV2 | 16388  | 34239  | 3.81%  | 0.431%  |
| 57 | 8.313 | 2390 | 2402 | 2427 | rVB  | 279718 | 480781 | 53.44% | 6.054%  |
| 58 | 8.461 | 2445 | 2448 | 2449 | rBV  | 587    | 334    | 0.04%  | 0.004%  |
| 59 | 8.522 | 2464 | 2467 | 2471 | rBV3 | 413    | 300    | 0.03%  | 0.004%  |
| 60 | 8.641 | 2500 | 2504 | 2506 | rBV  | 621    | 433    | 0.05%  | 0.005%  |
| 61 | 8.673 | 2510 | 2514 | 2517 | rVB2 | 331    | 281    | 0.03%  | 0.004%  |
| 62 | 8.718 | 2524 | 2528 | 2531 | rVV3 | 430    | 385    | 0.04%  | 0.005%  |
| 63 | 8.747 | 2534 | 2537 | 2541 | rBV3 | 259    | 254    | 0.03%  | 0.003%  |
| 64 | 8.776 | 2541 | 2546 | 2550 | rBV3 | 607    | 660    | 0.07%  | 0.008%  |
| 65 | 8.799 | 2550 | 2553 | 2555 | rVB2 | 621    | 297    | 0.03%  | 0.004%  |
| 66 | 9.094 | 2632 | 2645 | 2669 | rVV  | 517134 | 857012 | 95.25% | 10.792% |
| 67 | 9.213 | 2680 | 2682 | 2685 | rBV2 | 422    | 282    | 0.03%  | 0.004%  |
| 68 | 9.352 | 2722 | 2725 | 2730 | rVB2 | 288    | 279    | 0.03%  | 0.004%  |
| 69 | 9.381 | 2730 | 2734 | 2739 | rBV4 | 542    | 656    | 0.07%  | 0.008%  |
| 70 | 9.519 | 2775 | 2777 | 2781 | rVB3 | 356    | 247    | 0.03%  | 0.003%  |
| 71 | 9.570 | 2790 | 2793 | 2795 | rBV  | 369    | 267    | 0.03%  | 0.003%  |

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 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

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 9.635  | 2809 | 2813 | 2814 | rBV2 | 369    | 253    | 0.03%  | 0.003%  |
| 73  | 9.718  | 2837 | 2839 | 2844 | rVB3 | 371    | 279    | 0.03%  | 0.004%  |
| 74  | 9.779  | 2855 | 2858 | 2862 | rBV2 | 371    | 250    | 0.03%  | 0.003%  |
| 75  | 9.808  | 2864 | 2867 | 2871 | rBV  | 411    | 287    | 0.03%  | 0.004%  |
| 76  | 10.036 | 2934 | 2938 | 2942 | rBV3 | 524    | 483    | 0.05%  | 0.006%  |
| 77  | 10.072 | 2946 | 2949 | 2951 | rBV2 | 358    | 249    | 0.03%  | 0.003%  |
| 78  | 10.168 | 2975 | 2979 | 2982 | rBV3 | 547    | 472    | 0.05%  | 0.006%  |
| 79  | 10.239 | 2997 | 3001 | 3005 | rVV3 | 642    | 441    | 0.05%  | 0.006%  |
| 80  | 10.284 | 3012 | 3015 | 3018 | rVV2 | 316    | 229    | 0.03%  | 0.003%  |
| 81  | 10.435 | 3050 | 3062 | 3080 | rVV  | 314096 | 499374 | 55.50% | 6.288%  |
| 82  | 10.535 | 3089 | 3093 | 3098 | rBV3 | 538    | 448    | 0.05%  | 0.006%  |
| 83  | 10.612 | 3107 | 3117 | 3131 | rVB3 | 8805   | 16040  | 1.78%  | 0.202%  |
| 84  | 10.782 | 3167 | 3170 | 3173 | rBV2 | 448    | 328    | 0.04%  | 0.004%  |
| 85  | 10.901 | 3205 | 3207 | 3211 | rVB  | 440    | 258    | 0.03%  | 0.003%  |
| 86  | 11.069 | 3254 | 3259 | 3264 | rVV3 | 697    | 685    | 0.08%  | 0.009%  |
| 87  | 11.098 | 3266 | 3268 | 3274 | rVB4 | 434    | 320    | 0.04%  | 0.004%  |
| 88  | 11.422 | 3367 | 3369 | 3374 | rBV3 | 326    | 271    | 0.03%  | 0.003%  |
| 89  | 11.487 | 3376 | 3389 | 3407 | rBV  | 560101 | 865145 | 96.16% | 10.894% |
| 90  | 11.609 | 3424 | 3427 | 3431 | rBV4 | 391    | 354    | 0.04%  | 0.004%  |
| 91  | 11.808 | 3485 | 3489 | 3493 | rBV3 | 423    | 368    | 0.04%  | 0.005%  |
| 92  | 11.863 | 3493 | 3506 | 3524 | rBV  | 459050 | 739873 | 82.23% | 9.317%  |
| 93  | 11.953 | 3532 | 3534 | 3537 | rVB  | 668    | 271    | 0.03%  | 0.003%  |
| 94  | 12.390 | 3667 | 3670 | 3673 | rVB2 | 475    | 236    | 0.03%  | 0.003%  |
| 95  | 12.413 | 3674 | 3677 | 3680 | rBV  | 425    | 274    | 0.03%  | 0.003%  |
| 96  | 12.892 | 3822 | 3826 | 3830 | rBV2 | 522    | 449    | 0.05%  | 0.006%  |
| 97  | 13.548 | 4027 | 4030 | 4033 | rBV3 | 389    | 247    | 0.03%  | 0.003%  |
| 98  | 14.294 | 4258 | 4262 | 4264 | rBV  | 454    | 317    | 0.04%  | 0.004%  |
| 99  | 14.779 | 4410 | 4413 | 4415 | rBV3 | 726    | 374    | 0.04%  | 0.005%  |
| 100 | 15.438 | 4616 | 4618 | 4620 | rBV2 | 792    | 407    | 0.05%  | 0.005%  |

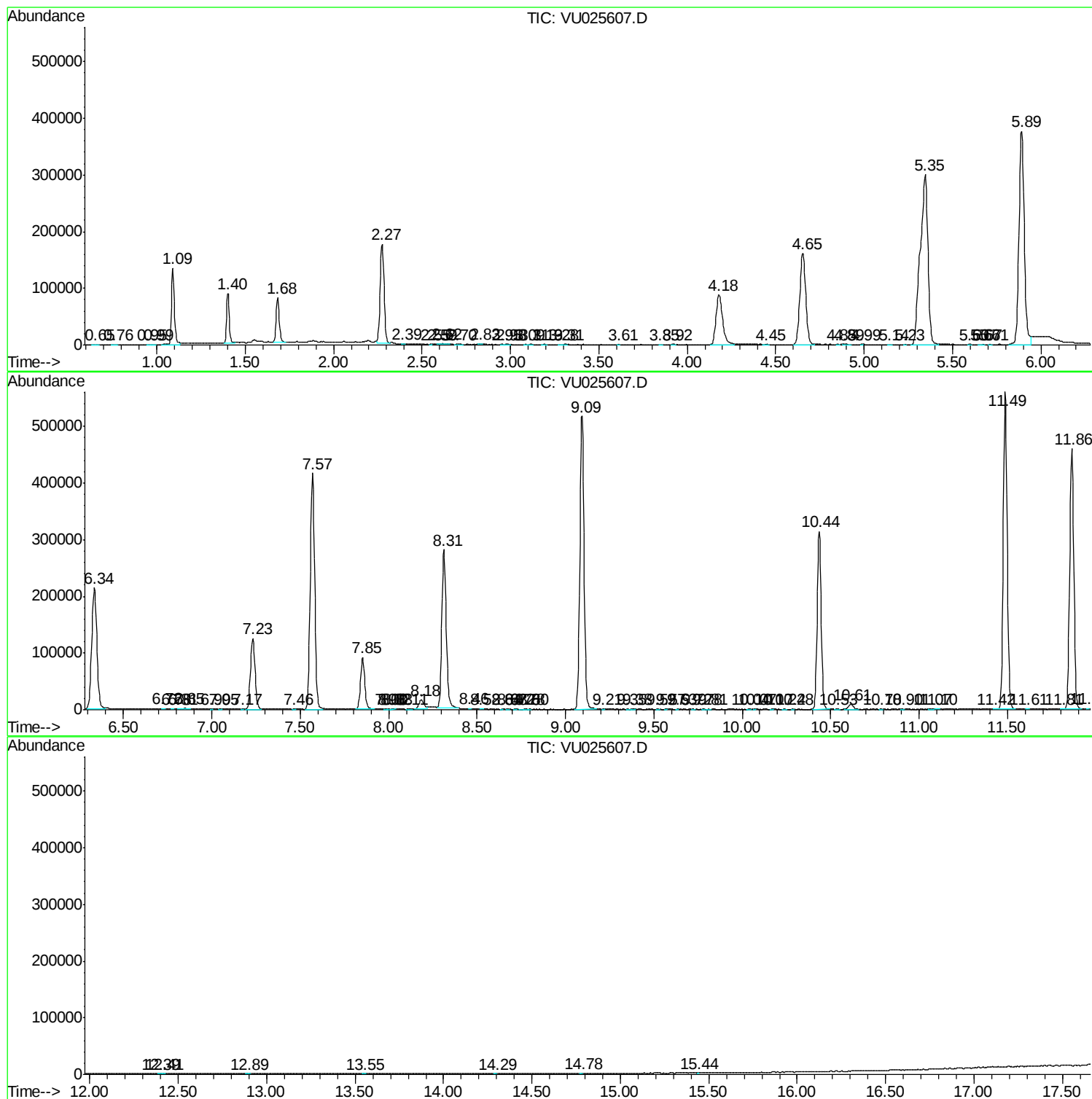
Sum of corrected areas: 7941201

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072318\  
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Quant Method : Z:\VOASRV\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          |