

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080218\  
 Data File : VU025799.D  
 Acq On : 02 Aug 2018 18:04  
 Operator : MD/SY  
 Sample : J4265-14  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AC0

## 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         | 0.683       | 22            | 29          | 33           | rBV3     | 403            | 529           | 0.05%           | 0.006%        |
| 2         | 0.716       | 33            | 39          | 43           | rVB3     | 378            | 475           | 0.05%           | 0.005%        |
| 3         | 0.889       | 90            | 93          | 97           | rBV2     | 281            | 285           | 0.03%           | 0.003%        |
| 4         | 0.941       | 101           | 109         | 110          | rBV      | 306            | 328           | 0.03%           | 0.004%        |
| 5         | 1.089       | 148           | 155         | 173          | rBV      | 144498         | 159224        | 15.94%          | 1.837%        |
| 6         | 1.294       | 214           | 219         | 228          | rVB      | 14953          | 15150         | 1.52%           | 0.175%        |
| 7         | 1.400       | 245           | 252         | 268          | rBV      | 125037         | 131467        | 13.16%          | 1.516%        |
| 8         | 1.680       | 331           | 339         | 351          | rBV      | 90955          | 116281        | 11.64%          | 1.341%        |
| 9         | 2.272       | 513           | 523         | 533          | rBV      | 215286         | 324404        | 32.47%          | 3.742%        |
| 10        | 2.323       | 534           | 539         | 551          | rVB2     | 20297          | 30974         | 3.10%           | 0.357%        |
| 11        | 2.391       | 557           | 560         | 563          | rVB3     | 747            | 473           | 0.05%           | 0.005%        |
| 12        | 2.445       | 570           | 577         | 587          | rVB      | 6215           | 9434          | 0.94%           | 0.109%        |
| 13        | 2.555       | 609           | 611         | 613          | rBV2     | 483            | 304           | 0.03%           | 0.004%        |
| 14        | 2.619       | 618           | 631         | 646          | rVV      | 13117          | 22662         | 2.27%           | 0.261%        |
| 15        | 2.703       | 647           | 657         | 670          | rVB3     | 7025           | 12437         | 1.24%           | 0.143%        |
| 16        | 2.841       | 689           | 700         | 712          | rVB2     | 3220           | 5988          | 0.60%           | 0.069%        |
| 17        | 2.928       | 725           | 727         | 733          | rBV2     | 321            | 387           | 0.04%           | 0.004%        |
| 18        | 3.034       | 757           | 760         | 762          | rBV2     | 478            | 357           | 0.04%           | 0.004%        |
| 19        | 3.156       | 793           | 798         | 800          | rVB2     | 354            | 340           | 0.03%           | 0.004%        |
| 20        | 3.230       | 817           | 821         | 825          | rVV2     | 355            | 274           | 0.03%           | 0.003%        |
| 21        | 3.256       | 825           | 829         | 832          | rVB3     | 274            | 272           | 0.03%           | 0.003%        |
| 22        | 3.310       | 840           | 846         | 849          | rBV2     | 472            | 539           | 0.05%           | 0.006%        |
| 23        | 3.352       | 854           | 859         | 863          | rBV2     | 596            | 665           | 0.07%           | 0.008%        |
| 24        | 3.387       | 866           | 870         | 874          | rBV3     | 525            | 347           | 0.03%           | 0.004%        |
| 25        | 3.410       | 874           | 877         | 881          | rVB2     | 371            | 292           | 0.03%           | 0.003%        |
| 26        | 3.555       | 919           | 922         | 925          | rBV2     | 375            | 289           | 0.03%           | 0.003%        |
| 27        | 3.757       | 983           | 985         | 989          | rVB2     | 528            | 334           | 0.03%           | 0.004%        |
| 28        | 3.815       | 998           | 1003        | 1006         | rBV3     | 376            | 447           | 0.04%           | 0.005%        |
| 29        | 4.056       | 1074          | 1078        | 1082         | rVB2     | 385            | 301           | 0.03%           | 0.003%        |
| 30        | 4.182       | 1102          | 1117        | 1152         | rBV      | 86028          | 241707        | 24.19%          | 2.788%        |
| 31        | 4.394       | 1175          | 1183        | 1195         | rVB4     | 2543           | 5645          | 0.57%           | 0.065%        |
| 32        | 4.490       | 1210          | 1213        | 1216         | rVV2     | 405            | 270           | 0.03%           | 0.003%        |
| 33        | 4.561       | 1231          | 1235        | 1239         | rBV2     | 352            | 424           | 0.04%           | 0.005%        |
| 34        | 4.651       | 1246          | 1263        | 1290         | rBV2     | 173894         | 403909        | 40.43%          | 4.659%        |

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

|    |       |      |      |      |      |        |        |         |         |
|----|-------|------|------|------|------|--------|--------|---------|---------|
| 35 | 4.828 | 1312 | 1318 | 1319 | rBV2 | 341    | 324    | 0.03%   | 0.004%  |
| 36 | 4.873 | 1329 | 1332 | 1334 | rBV2 | 409    | 334    | 0.03%   | 0.004%  |
| 37 | 4.944 | 1350 | 1354 | 1356 | rBV2 | 376    | 285    | 0.03%   | 0.003%  |
| 38 | 4.976 | 1361 | 1364 | 1367 | rBV2 | 410    | 299    | 0.03%   | 0.003%  |
| 39 | 5.069 | 1389 | 1393 | 1395 | rBV3 | 336    | 281    | 0.03%   | 0.003%  |
| 40 | 5.108 | 1401 | 1405 | 1407 | rBV  | 339    | 256    | 0.03%   | 0.003%  |
| 41 | 5.146 | 1415 | 1417 | 1422 | rVB2 | 520    | 459    | 0.05%   | 0.005%  |
| 42 | 5.175 | 1422 | 1426 | 1431 | rBV  | 448    | 418    | 0.04%   | 0.005%  |
| 43 | 5.346 | 1454 | 1479 | 1511 | rVV2 | 336437 | 998997 | 100.00% | 11.523% |
| 44 | 5.741 | 1597 | 1602 | 1604 | rBV  | 530    | 463    | 0.05%   | 0.005%  |
| 45 | 5.789 | 1612 | 1617 | 1620 | rBV3 | 468    | 452    | 0.05%   | 0.005%  |
| 46 | 5.889 | 1633 | 1648 | 1671 | rBV  | 389418 | 761857 | 76.26%  | 8.788%  |
| 47 | 6.336 | 1772 | 1787 | 1808 | rBV  | 224628 | 449248 | 44.97%  | 5.182%  |
| 48 | 6.567 | 1855 | 1859 | 1865 | rBV2 | 242    | 301    | 0.03%   | 0.003%  |
| 49 | 6.664 | 1885 | 1889 | 1893 | rBV3 | 342    | 330    | 0.03%   | 0.004%  |
| 50 | 6.998 | 1987 | 1993 | 1995 | rBV  | 351    | 300    | 0.03%   | 0.003%  |
| 51 | 7.127 | 2027 | 2033 | 2037 | rBV3 | 429    | 407    | 0.04%   | 0.005%  |
| 52 | 7.233 | 2052 | 2066 | 2081 | rBV  | 133989 | 240502 | 24.07%  | 2.774%  |
| 53 | 7.317 | 2089 | 2092 | 2098 | rVB5 | 773    | 483    | 0.05%   | 0.006%  |
| 54 | 7.471 | 2137 | 2140 | 2147 | rVB5 | 1072   | 944    | 0.09%   | 0.011%  |
| 55 | 7.509 | 2147 | 2152 | 2157 | rBV2 | 355    | 453    | 0.05%   | 0.005%  |
| 56 | 7.567 | 2157 | 2170 | 2185 | rBV  | 468466 | 818513 | 81.93%  | 9.441%  |
| 57 | 7.854 | 2247 | 2259 | 2286 | rBV  | 96422  | 165362 | 16.55%  | 1.907%  |
| 58 | 8.037 | 2311 | 2316 | 2319 | rBV3 | 446    | 385    | 0.04%   | 0.004%  |
| 59 | 8.181 | 2351 | 2361 | 2373 | rVB3 | 4279   | 7702   | 0.77%   | 0.089%  |
| 60 | 8.313 | 2389 | 2402 | 2434 | rBV  | 282002 | 496034 | 49.65%  | 5.722%  |
| 61 | 8.468 | 2445 | 2450 | 2462 | rVB7 | 3233   | 5267   | 0.53%   | 0.061%  |
| 62 | 8.529 | 2465 | 2469 | 2471 | rBV4 | 594    | 455    | 0.05%   | 0.005%  |
| 63 | 8.580 | 2481 | 2485 | 2487 | rBV  | 297    | 252    | 0.03%   | 0.003%  |
| 64 | 8.661 | 2506 | 2510 | 2512 | rBV2 | 410    | 334    | 0.03%   | 0.004%  |
| 65 | 8.693 | 2517 | 2520 | 2522 | rBV2 | 321    | 249    | 0.02%   | 0.003%  |
| 66 | 8.931 | 2590 | 2594 | 2596 | rBV3 | 331    | 281    | 0.03%   | 0.003%  |
| 67 | 9.091 | 2631 | 2644 | 2672 | rBV  | 546708 | 919067 | 92.00%  | 10.601% |
| 68 | 9.243 | 2687 | 2691 | 2692 | rBV3 | 712    | 437    | 0.04%   | 0.005%  |
| 69 | 9.294 | 2704 | 2707 | 2709 | rBV  | 638    | 443    | 0.04%   | 0.005%  |
| 70 | 9.378 | 2725 | 2733 | 2745 | rBV2 | 5074   | 8710   | 0.87%   | 0.100%  |
| 71 | 9.471 | 2756 | 2762 | 2767 | rBV3 | 522    | 644    | 0.06%   | 0.007%  |

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Filtering: 5  
 Min Area: 0 % of largest Peak  
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072018WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 9.561  | 2784 | 2790 | 2795 | rBV3 | 341    | 446    | 0.04%  | 0.005%  |
| 73  | 9.786  | 2851 | 2860 | 2870 | rBV4 | 2515   | 4420   | 0.44%  | 0.051%  |
| 74  | 9.857  | 2875 | 2882 | 2887 | rBV3 | 419    | 629    | 0.06%  | 0.007%  |
| 75  | 9.931  | 2894 | 2905 | 2909 | rBV4 | 712    | 1216   | 0.12%  | 0.014%  |
| 76  | 10.033 | 2933 | 2937 | 2943 | rBB4 | 522    | 558    | 0.06%  | 0.006%  |
| 77  | 10.152 | 2970 | 2974 | 2981 | rVB3 | 375    | 554    | 0.06%  | 0.006%  |
| 78  | 10.236 | 2986 | 3000 | 3014 | rBV3 | 7476   | 14004  | 1.40%  | 0.162%  |
| 79  | 10.313 | 3017 | 3024 | 3030 | rVB4 | 1670   | 2034   | 0.20%  | 0.023%  |
| 80  | 10.435 | 3050 | 3062 | 3079 | rBV  | 314221 | 499197 | 49.97% | 5.758%  |
| 81  | 10.496 | 3079 | 3081 | 3088 | rVB2 | 523    | 417    | 0.04%  | 0.005%  |
| 82  | 10.612 | 3109 | 3117 | 3132 | rVB4 | 5217   | 9051   | 0.91%  | 0.104%  |
| 83  | 10.683 | 3137 | 3139 | 3144 | rBV2 | 407    | 282    | 0.03%  | 0.003%  |
| 84  | 10.734 | 3151 | 3155 | 3158 | rBV  | 462    | 407    | 0.04%  | 0.005%  |
| 85  | 10.911 | 3207 | 3210 | 3214 | rBV2 | 398    | 376    | 0.04%  | 0.004%  |
| 86  | 10.972 | 3225 | 3229 | 3236 | rVB3 | 655    | 947    | 0.09%  | 0.011%  |
| 87  | 11.005 | 3236 | 3239 | 3241 | rBV2 | 426    | 254    | 0.03%  | 0.003%  |
| 88  | 11.149 | 3277 | 3284 | 3292 | rBV5 | 2613   | 4160   | 0.42%  | 0.048%  |
| 89  | 11.214 | 3298 | 3304 | 3307 | rBV2 | 546    | 581    | 0.06%  | 0.007%  |
| 90  | 11.381 | 3351 | 3356 | 3357 | rBV2 | 722    | 589    | 0.06%  | 0.007%  |
| 91  | 11.487 | 3377 | 3389 | 3407 | rBV  | 597013 | 950738 | 95.17% | 10.967% |
| 92  | 11.760 | 3468 | 3474 | 3485 | rBV6 | 3525   | 6158   | 0.62%  | 0.071%  |
| 93  | 11.863 | 3494 | 3506 | 3528 | rBV  | 496178 | 798876 | 79.97% | 9.215%  |
| 94  | 12.078 | 3565 | 3573 | 3576 | rBV5 | 585    | 657    | 0.07%  | 0.008%  |
| 95  | 12.570 | 3722 | 3726 | 3731 | rBV3 | 879    | 1031   | 0.10%  | 0.012%  |
| 96  | 13.159 | 3906 | 3909 | 3913 | rVB2 | 369    | 301    | 0.03%  | 0.003%  |
| 97  | 13.297 | 3947 | 3952 | 3954 | rBV2 | 342    | 393    | 0.04%  | 0.005%  |
| 98  | 13.757 | 4088 | 4095 | 4096 | rBV2 | 1308   | 1372   | 0.14%  | 0.016%  |
| 99  | 14.647 | 4368 | 4372 | 4377 | rBV5 | 502    | 599    | 0.06%  | 0.007%  |
| 100 | 15.274 | 4563 | 4567 | 4568 | rBV  | 661    | 442    | 0.04%  | 0.005%  |

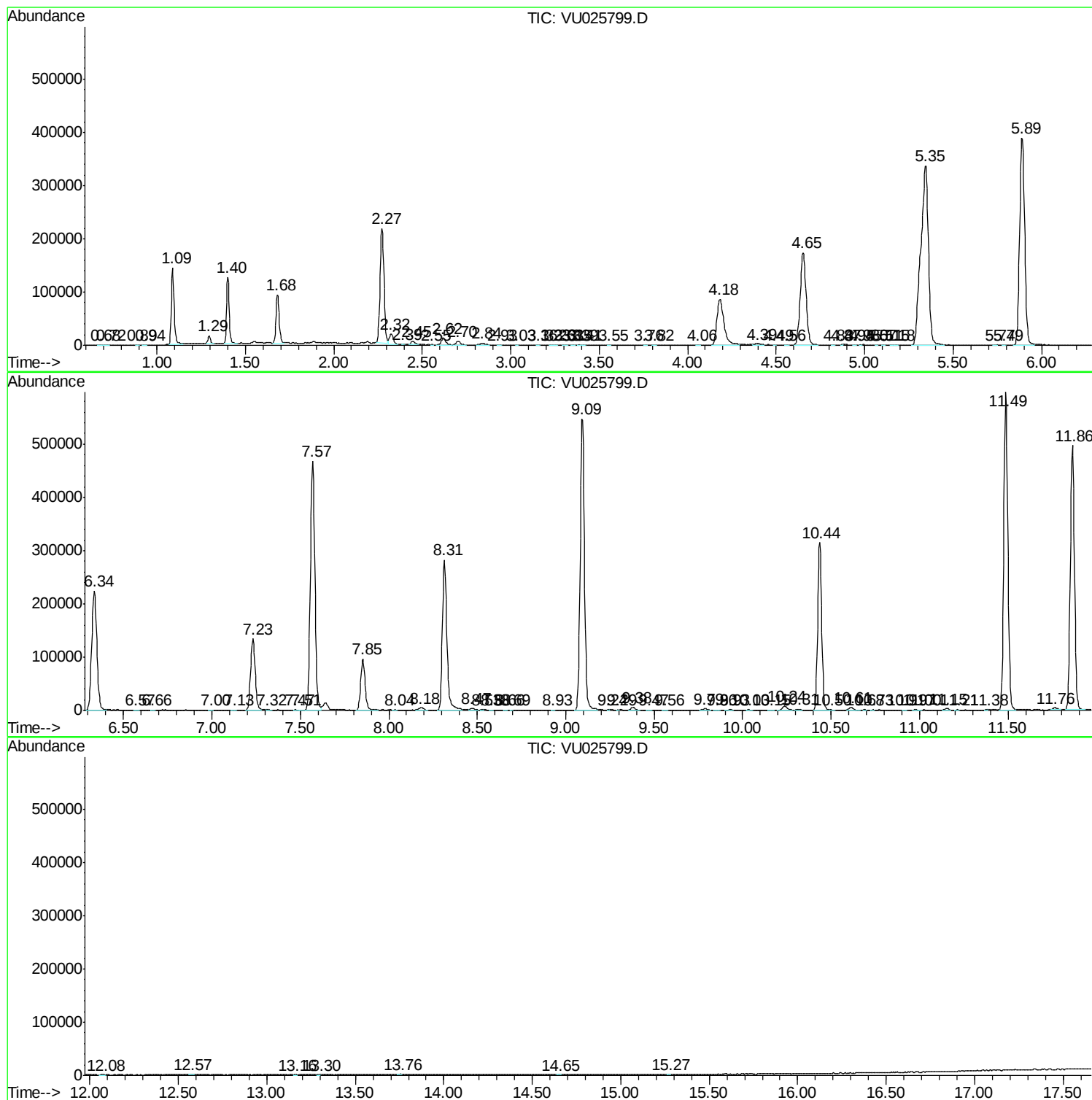
Sum of corrected areas: 8669431

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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\VU080218\  
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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          |