

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\  
 Data File : VU037236.D  
 Acq On : 13 Mar 2020 12:03  
 Operator : JC/MD  
 Sample : L1835-02  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

## 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\SOMULM031220WMA.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         | 1.613       | 78            | 85          | 95           | rVB      | 198841         | 207405        | 12.47%          | 1.584%        |
| 2         | 1.928       | 175           | 183         | 195          | rVB      | 167485         | 217077        | 13.05%          | 1.658%        |
| 3         | 2.546       | 372           | 375         | 377          | rBV2     | 603            | 389           | 0.02%           | 0.003%        |
| 4         | 2.591       | 377           | 389         | 407          | rVV      | 308443         | 507788        | 30.52%          | 3.877%        |
| 5         | 2.678       | 412           | 416         | 420          | rVB4     | 1097           | 918           | 0.06%           | 0.007%        |
| 6         | 2.716       | 426           | 428         | 430          | rBV2     | 602            | 363           | 0.02%           | 0.003%        |
| 7         | 2.732       | 430           | 433         | 439          | rVB4     | 976            | 861           | 0.05%           | 0.007%        |
| 8         | 2.787       | 445           | 450         | 453          | rBV2     | 1024           | 1132          | 0.07%           | 0.009%        |
| 9         | 2.919       | 486           | 491         | 493          | rBV      | 620            | 460           | 0.03%           | 0.004%        |
| 10        | 2.935       | 494           | 496         | 499          | rVV      | 609            | 383           | 0.02%           | 0.003%        |
| 11        | 2.980       | 506           | 510         | 514          | rVV3     | 460            | 450           | 0.03%           | 0.003%        |
| 12        | 3.002       | 514           | 517         | 523          | rVB2     | 423            | 378           | 0.02%           | 0.003%        |
| 13        | 3.060       | 530           | 535         | 536          | rBV2     | 654            | 579           | 0.03%           | 0.004%        |
| 14        | 3.080       | 536           | 541         | 545          | rVB3     | 1232           | 1301          | 0.08%           | 0.010%        |
| 15        | 3.115       | 550           | 552         | 559          | rVB2     | 392            | 336           | 0.02%           | 0.003%        |
| 16        | 3.150       | 559           | 563         | 567          | rBV      | 385            | 294           | 0.02%           | 0.002%        |
| 17        | 3.221       | 573           | 585         | 600          | rBV2     | 6591           | 14231         | 0.86%           | 0.109%        |
| 18        | 3.359       | 625           | 628         | 633          | rVB2     | 386            | 314           | 0.02%           | 0.002%        |
| 19        | 3.388       | 633           | 637         | 639          | rBV      | 417            | 305           | 0.02%           | 0.002%        |
| 20        | 3.562       | 688           | 691         | 697          | rVB3     | 397            | 312           | 0.02%           | 0.002%        |
| 21        | 3.594       | 697           | 701         | 704          | rBV2     | 485            | 355           | 0.02%           | 0.003%        |
| 22        | 3.758       | 748           | 752         | 755          | rVB2     | 439            | 318           | 0.02%           | 0.002%        |
| 23        | 3.806       | 765           | 767         | 774          | rVB2     | 415            | 339           | 0.02%           | 0.003%        |
| 24        | 3.854       | 779           | 782         | 787          | rVB      | 481            | 316           | 0.02%           | 0.002%        |
| 25        | 3.928       | 799           | 805         | 809          | rVB3     | 460            | 380           | 0.02%           | 0.003%        |
| 26        | 3.967       | 813           | 817         | 821          | rBV2     | 406            | 352           | 0.02%           | 0.003%        |
| 27        | 4.153       | 871           | 875         | 878          | rBV      | 452            | 425           | 0.03%           | 0.003%        |
| 28        | 4.250       | 900           | 905         | 910          | rVB2     | 379            | 408           | 0.02%           | 0.003%        |
| 29        | 4.311       | 921           | 924         | 927          | rBV2     | 379            | 293           | 0.02%           | 0.002%        |
| 30        | 4.491       | 972           | 980         | 982          | rBV2     | 278            | 375           | 0.02%           | 0.003%        |
| 31        | 4.610       | 1014          | 1017        | 1020         | rBV      | 391            | 295           | 0.02%           | 0.002%        |
| 32        | 4.668       | 1020          | 1035        | 1067         | rBV      | 180030         | 431032        | 25.91%          | 3.291%        |
| 33        | 5.005       | 1135          | 1140        | 1142         | rBV2     | 342            | 354           | 0.02%           | 0.003%        |
| 34        | 5.105       | 1154          | 1171        | 1193         | rBV      | 313955         | 688116        | 41.36%          | 5.254%        |

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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\SOMULM031220WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |         |         |
|----|-------|------|------|------|------|--------|---------|---------|---------|
| 35 | 5.243 | 1211 | 1214 | 1217 | rVB3 | 639    | 413     | 0.02%   | 0.003%  |
| 36 | 5.282 | 1220 | 1226 | 1228 | rBV5 | 734    | 893     | 0.05%   | 0.007%  |
| 37 | 5.330 | 1232 | 1241 | 1242 | rBV4 | 889    | 1203    | 0.07%   | 0.009%  |
| 38 | 5.417 | 1258 | 1268 | 1271 | rBV5 | 822    | 1164    | 0.07%   | 0.009%  |
| 39 | 5.610 | 1324 | 1328 | 1332 | rVV2 | 468    | 325     | 0.02%   | 0.002%  |
| 40 | 5.684 | 1344 | 1351 | 1353 | rBV2 | 293    | 374     | 0.02%   | 0.003%  |
| 41 | 5.761 | 1353 | 1375 | 1394 | rBV2 | 611984 | 1663699 | 100.00% | 12.704% |
| 42 | 6.089 | 1474 | 1477 | 1484 | rVB4 | 580    | 577     | 0.03%   | 0.004%  |
| 43 | 6.144 | 1487 | 1494 | 1500 | rBV4 | 750    | 992     | 0.06%   | 0.008%  |
| 44 | 6.195 | 1506 | 1510 | 1515 | rBV2 | 327    | 451     | 0.03%   | 0.003%  |
| 45 | 6.282 | 1522 | 1537 | 1560 | rBV  | 522792 | 988176  | 59.40%  | 7.546%  |
| 46 | 6.362 | 1560 | 1562 | 1565 | rVB2 | 925    | 536     | 0.03%   | 0.004%  |
| 47 | 6.568 | 1617 | 1626 | 1634 | rVB8 | 3148   | 5517    | 0.33%   | 0.042%  |
| 48 | 6.604 | 1634 | 1637 | 1641 | rVB3 | 452    | 345     | 0.02%   | 0.003%  |
| 49 | 6.722 | 1660 | 1674 | 1698 | rBV  | 403053 | 778201  | 46.78%  | 5.942%  |
| 50 | 6.944 | 1739 | 1743 | 1748 | rBV3 | 570    | 645     | 0.04%   | 0.005%  |
| 51 | 7.015 | 1762 | 1765 | 1770 | rVV5 | 596    | 564     | 0.03%   | 0.004%  |
| 52 | 7.208 | 1821 | 1825 | 1826 | rBV3 | 635    | 428     | 0.03%   | 0.003%  |
| 53 | 7.423 | 1890 | 1892 | 1896 | rVB2 | 562    | 364     | 0.02%   | 0.003%  |
| 54 | 7.594 | 1932 | 1945 | 1972 | rBV  | 231304 | 411291  | 24.72%  | 3.141%  |
| 55 | 7.819 | 2011 | 2015 | 2016 | rBV2 | 673    | 484     | 0.03%   | 0.004%  |
| 56 | 7.922 | 2031 | 2047 | 2066 | rBV  | 756710 | 1334119 | 80.19%  | 10.187% |
| 57 | 8.205 | 2123 | 2135 | 2154 | rVV  | 168448 | 287449  | 17.28%  | 2.195%  |
| 58 | 8.420 | 2198 | 2202 | 2206 | rBV2 | 396    | 346     | 0.02%   | 0.003%  |
| 59 | 8.475 | 2217 | 2219 | 2221 | rBV2 | 670    | 391     | 0.02%   | 0.003%  |
| 60 | 8.571 | 2246 | 2249 | 2252 | rVB3 | 413    | 326     | 0.02%   | 0.002%  |
| 61 | 8.600 | 2255 | 2258 | 2263 | rVB2 | 608    | 485     | 0.03%   | 0.004%  |
| 62 | 8.658 | 2263 | 2276 | 2318 | rBV  | 503185 | 987652  | 59.36%  | 7.542%  |
| 63 | 8.954 | 2360 | 2368 | 2370 | rBV4 | 1277   | 1486    | 0.09%   | 0.011%  |
| 64 | 9.044 | 2392 | 2396 | 2400 | rBV2 | 382    | 291     | 0.02%   | 0.002%  |
| 65 | 9.115 | 2415 | 2418 | 2423 | rBV2 | 261    | 302     | 0.02%   | 0.002%  |
| 66 | 9.140 | 2423 | 2426 | 2433 | rVB3 | 366    | 436     | 0.03%   | 0.003%  |
| 67 | 9.173 | 2433 | 2436 | 2443 | rVB3 | 558    | 522     | 0.03%   | 0.004%  |
| 68 | 9.208 | 2443 | 2447 | 2451 | rBV2 | 466    | 486     | 0.03%   | 0.004%  |
| 69 | 9.436 | 2503 | 2518 | 2554 | rBV  | 747961 | 1275301 | 76.65%  | 9.738%  |
| 70 | 9.584 | 2561 | 2564 | 2566 | rBV2 | 926    | 702     | 0.04%   | 0.005%  |
| 71 | 9.690 | 2593 | 2597 | 2599 | rBV2 | 461    | 342     | 0.02%   | 0.003%  |

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 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\SOMULM031220WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 9.835  | 2637 | 2642 | 2645 | rBV  | 449    | 438     | 0.03%  | 0.003% |
| 73  | 9.973  | 2681 | 2685 | 2692 | rBV2 | 526    | 536     | 0.03%  | 0.004% |
| 74  | 10.121 | 2727 | 2731 | 2734 | rBV2 | 619    | 398     | 0.02%  | 0.003% |
| 75  | 10.497 | 2845 | 2848 | 2853 | rVB3 | 609    | 503     | 0.03%  | 0.004% |
| 76  | 10.774 | 2920 | 2934 | 2952 | rBV  | 547201 | 894124  | 53.74% | 6.828% |
| 77  | 10.906 | 2970 | 2975 | 2978 | rBV3 | 904    | 976     | 0.06%  | 0.007% |
| 78  | 10.963 | 2989 | 2993 | 2995 | rVB  | 440    | 284     | 0.02%  | 0.002% |
| 79  | 11.562 | 3173 | 3179 | 3182 | rBV2 | 609    | 698     | 0.04%  | 0.005% |
| 80  | 11.761 | 3233 | 3241 | 3248 | rVV6 | 2535   | 4034    | 0.24%  | 0.031% |
| 81  | 11.828 | 3248 | 3262 | 3282 | rVB  | 663433 | 1110568 | 66.75% | 8.480% |
| 82  | 11.925 | 3289 | 3292 | 3294 | rBV  | 488    | 352     | 0.02%  | 0.003% |
| 83  | 12.070 | 3334 | 3337 | 3339 | rBV2 | 667    | 431     | 0.03%  | 0.003% |
| 84  | 12.208 | 3367 | 3380 | 3400 | rBV  | 743652 | 1248033 | 75.02% | 9.530% |
| 85  | 12.475 | 3459 | 3463 | 3466 | rBV2 | 478    | 368     | 0.02%  | 0.003% |
| 86  | 12.584 | 3494 | 3497 | 3500 | rBV2 | 492    | 445     | 0.03%  | 0.003% |
| 87  | 12.793 | 3560 | 3562 | 3565 | rBV  | 478    | 297     | 0.02%  | 0.002% |
| 88  | 12.838 | 3573 | 3576 | 3579 | rBV2 | 630    | 533     | 0.03%  | 0.004% |
| 89  | 12.941 | 3606 | 3608 | 3613 | rVB  | 492    | 320     | 0.02%  | 0.002% |
| 90  | 13.233 | 3695 | 3699 | 3701 | rBV3 | 950    | 764     | 0.05%  | 0.006% |
| 91  | 13.414 | 3751 | 3755 | 3756 | rBV2 | 684    | 455     | 0.03%  | 0.003% |
| 92  | 13.465 | 3768 | 3771 | 3774 | rBV  | 557    | 352     | 0.02%  | 0.003% |
| 93  | 13.713 | 3844 | 3848 | 3853 | rBV5 | 599    | 745     | 0.04%  | 0.006% |
| 94  | 14.102 | 3965 | 3969 | 3971 | rBV2 | 877    | 624     | 0.04%  | 0.005% |
| 95  | 14.262 | 4015 | 4019 | 4020 | rBV3 | 525    | 374     | 0.02%  | 0.003% |
| 96  | 14.323 | 4033 | 4038 | 4044 | rVB6 | 816    | 995     | 0.06%  | 0.008% |
| 97  | 14.362 | 4047 | 4050 | 4055 | rVB5 | 935    | 840     | 0.05%  | 0.006% |
| 98  | 14.809 | 4187 | 4189 | 4190 | rBV2 | 752    | 386     | 0.02%  | 0.003% |
| 99  | 14.905 | 4215 | 4219 | 4221 | rBV3 | 679    | 617     | 0.04%  | 0.005% |
| 100 | 15.285 | 4335 | 4337 | 4339 | rBV2 | 884    | 458     | 0.03%  | 0.003% |

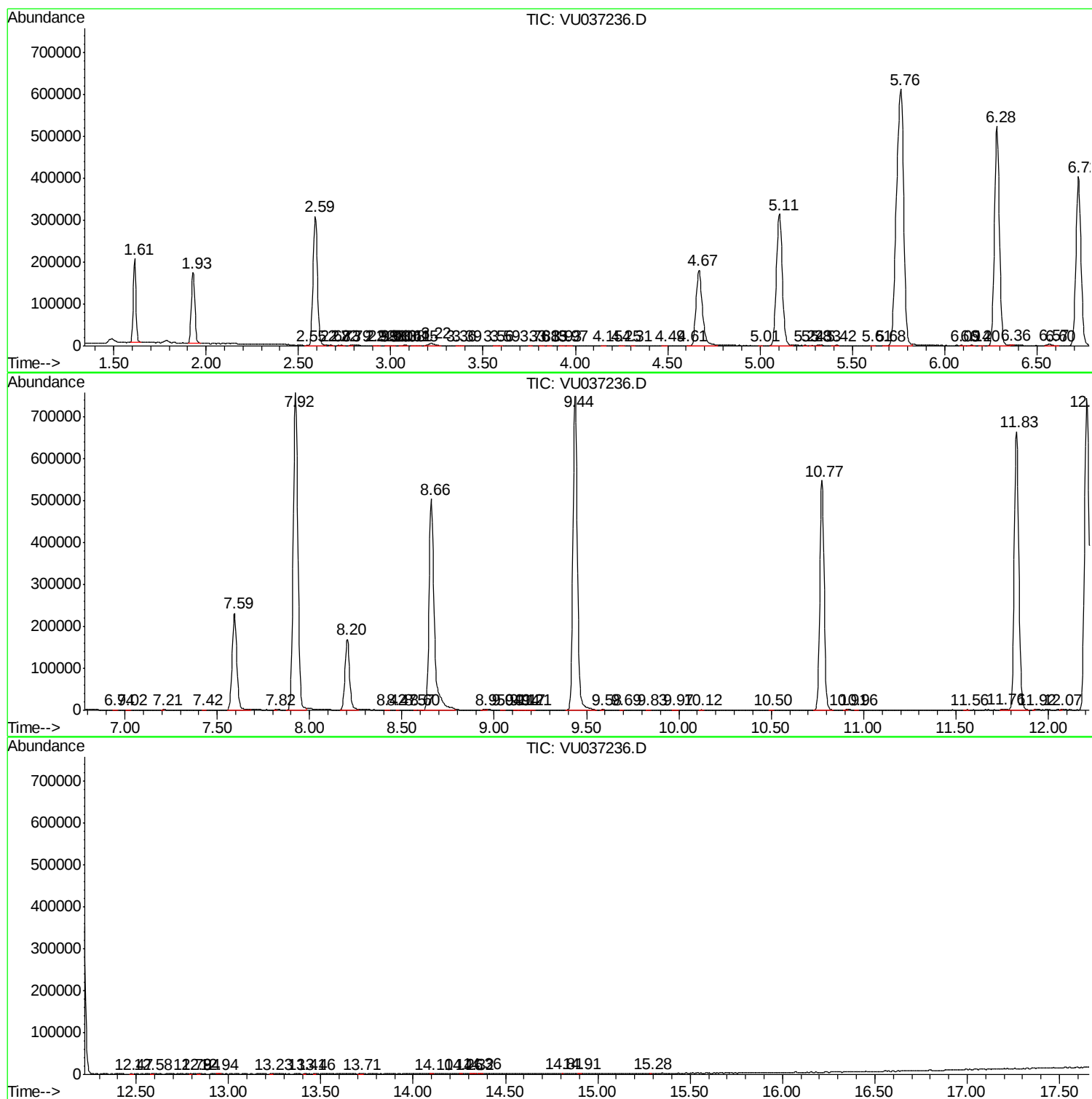
Sum of corrected areas: 13095860

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031220WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU031220\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031220WMA.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 |