

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081518\  
 Data File : VU026146.D  
 Acq On : 15 Aug 2018 15:06  
 Operator : MD/SY  
 Sample : J4422-15  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AB8

## 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\SOMULM081518WMA.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         | 0.638       | 10            | 15          | 18           | rBV2     | 366            | 422           | 0.04%           | 0.005%        |
| 2         | 0.715       | 34            | 39          | 42           | rBV2     | 384            | 356           | 0.03%           | 0.004%        |
| 3         | 1.088       | 137           | 155         | 167          | rBV      | 169294         | 201483        | 18.99%          | 2.408%        |
| 4         | 1.294       | 214           | 219         | 227          | rVB2     | 5099           | 5037          | 0.47%           | 0.060%        |
| 5         | 1.400       | 244           | 252         | 263          | rBV      | 125247         | 129052        | 12.17%          | 1.542%        |
| 6         | 1.677       | 330           | 338         | 356          | rVB      | 91588          | 125525        | 11.83%          | 1.500%        |
| 7         | 2.188       | 491           | 497         | 505          | rBV6     | 3082           | 3956          | 0.37%           | 0.047%        |
| 8         | 2.272       | 512           | 523         | 536          | rBV      | 218133         | 330969        | 31.20%          | 3.956%        |
| 9         | 2.400       | 559           | 563         | 567          | rBV4     | 326            | 347           | 0.03%           | 0.004%        |
| 10        | 2.442       | 567           | 576         | 597          | rVB3     | 6553           | 13376         | 1.26%           | 0.160%        |
| 11        | 2.519       | 597           | 600         | 607          | rBV4     | 376            | 384           | 0.04%           | 0.005%        |
| 12        | 2.606       | 624           | 627         | 628          | rBV      | 467            | 263           | 0.02%           | 0.003%        |
| 13        | 2.838       | 690           | 699         | 709          | rBV2     | 2694           | 5064          | 0.48%           | 0.061%        |
| 14        | 3.069       | 768           | 771         | 776          | rVB2     | 345            | 307           | 0.03%           | 0.004%        |
| 15        | 3.159       | 795           | 799         | 803          | rBV2     | 227            | 246           | 0.02%           | 0.003%        |
| 16        | 3.207       | 809           | 814         | 817          | rBV2     | 256            | 285           | 0.03%           | 0.003%        |
| 17        | 3.567       | 922           | 926         | 930          | rVB2     | 438            | 355           | 0.03%           | 0.004%        |
| 18        | 3.699       | 963           | 967         | 970          | rBV      | 273            | 230           | 0.02%           | 0.003%        |
| 19        | 3.719       | 970           | 973         | 975          | rVV      | 516            | 245           | 0.02%           | 0.003%        |
| 20        | 3.731       | 975           | 977         | 984          | rVV2     | 386            | 330           | 0.03%           | 0.004%        |
| 21        | 3.850       | 1009          | 1014        | 1018         | rVB3     | 372            | 352           | 0.03%           | 0.004%        |
| 22        | 3.883       | 1018          | 1024        | 1031         | rVB2     | 272            | 307           | 0.03%           | 0.004%        |
| 23        | 3.928       | 1031          | 1038        | 1041         | rBV2     | 516            | 406           | 0.04%           | 0.005%        |
| 24        | 3.995       | 1054          | 1059        | 1063         | rVB3     | 298            | 282           | 0.03%           | 0.003%        |
| 25        | 4.027       | 1066          | 1069        | 1072         | rVB2     | 326            | 252           | 0.02%           | 0.003%        |
| 26        | 4.056       | 1072          | 1078        | 1082         | rBV2     | 281            | 378           | 0.04%           | 0.005%        |
| 27        | 4.178       | 1100          | 1116        | 1145         | rBV      | 89458          | 236656        | 22.31%          | 2.828%        |
| 28        | 4.490       | 1208          | 1213        | 1219         | rVB3     | 419            | 457           | 0.04%           | 0.005%        |
| 29        | 4.548       | 1228          | 1231        | 1233         | rVB      | 475            | 277           | 0.03%           | 0.003%        |
| 30        | 4.651       | 1245          | 1263        | 1290         | rBV      | 184129         | 432180        | 40.74%          | 5.165%        |
| 31        | 4.747       | 1290          | 1293        | 1297         | rBV2     | 333            | 297           | 0.03%           | 0.004%        |
| 32        | 4.944       | 1349          | 1354        | 1355         | rBV3     | 540            | 437           | 0.04%           | 0.005%        |
| 33        | 5.149       | 1414          | 1418        | 1421         | rVB2     | 401            | 257           | 0.02%           | 0.003%        |
| 34        | 5.342       | 1453          | 1478        | 1502         | rBV2     | 356521         | 1060828       | 100.00%         | 12.679%       |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM081518WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |         |
|----|-------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.490 | 1521 | 1524 | 1529 | rVB3 | 445    | 344    | 0.03%  | 0.004%  |
| 36 | 5.558 | 1541 | 1545 | 1547 | rBV  | 273    | 236    | 0.02%  | 0.003%  |
| 37 | 5.593 | 1553 | 1556 | 1561 | rBV4 | 271    | 267    | 0.03%  | 0.003%  |
| 38 | 5.670 | 1575 | 1580 | 1581 | rBV2 | 416    | 318    | 0.03%  | 0.004%  |
| 39 | 5.680 | 1581 | 1583 | 1589 | rVB2 | 717    | 448    | 0.04%  | 0.005%  |
| 40 | 5.815 | 1623 | 1625 | 1628 | rVB  | 481    | 331    | 0.03%  | 0.004%  |
| 41 | 5.889 | 1632 | 1648 | 1671 | rBV  | 350136 | 678715 | 63.98% | 8.112%  |
| 42 | 6.037 | 1692 | 1694 | 1700 | rVB3 | 475    | 384    | 0.04%  | 0.005%  |
| 43 | 6.153 | 1727 | 1730 | 1733 | rBV3 | 352    | 282    | 0.03%  | 0.003%  |
| 44 | 6.178 | 1736 | 1738 | 1751 | rVB5 | 858    | 1255   | 0.12%  | 0.015%  |
| 45 | 6.233 | 1751 | 1755 | 1758 | rBV2 | 237    | 261    | 0.02%  | 0.003%  |
| 46 | 6.259 | 1758 | 1763 | 1764 | rBV2 | 569    | 417    | 0.04%  | 0.005%  |
| 47 | 6.333 | 1771 | 1786 | 1809 | rBV  | 241301 | 484434 | 45.67% | 5.790%  |
| 48 | 6.545 | 1848 | 1852 | 1855 | rVB2 | 258    | 233    | 0.02%  | 0.003%  |
| 49 | 6.651 | 1880 | 1885 | 1890 | rBV2 | 243    | 313    | 0.03%  | 0.004%  |
| 50 | 6.686 | 1893 | 1896 | 1900 | rVB  | 275    | 231    | 0.02%  | 0.003%  |
| 51 | 6.715 | 1900 | 1905 | 1906 | rBV  | 352    | 278    | 0.03%  | 0.003%  |
| 52 | 6.751 | 1912 | 1916 | 1920 | rBV2 | 317    | 245    | 0.02%  | 0.003%  |
| 53 | 6.866 | 1942 | 1952 | 1965 | rVB5 | 2018   | 4823   | 0.45%  | 0.058%  |
| 54 | 7.059 | 2007 | 2012 | 2015 | rBV2 | 367    | 308    | 0.03%  | 0.004%  |
| 55 | 7.143 | 2035 | 2038 | 2042 | rBV  | 374    | 397    | 0.04%  | 0.005%  |
| 56 | 7.230 | 2050 | 2065 | 2085 | rBV  | 134174 | 238894 | 22.52% | 2.855%  |
| 57 | 7.381 | 2104 | 2112 | 2114 | rBV2 | 750    | 1082   | 0.10%  | 0.013%  |
| 58 | 7.435 | 2125 | 2129 | 2134 | rVB3 | 280    | 281    | 0.03%  | 0.003%  |
| 59 | 7.567 | 2156 | 2170 | 2192 | rBV  | 488183 | 840930 | 79.27% | 10.050% |
| 60 | 7.850 | 2243 | 2258 | 2274 | rBV  | 98126  | 165074 | 15.56% | 1.973%  |
| 61 | 8.079 | 2323 | 2329 | 2330 | rBV2 | 402    | 423    | 0.04%  | 0.005%  |
| 62 | 8.188 | 2349 | 2363 | 2384 | rBV2 | 33193  | 121027 | 11.41% | 1.446%  |
| 63 | 8.313 | 2392 | 2402 | 2431 | rVB  | 290224 | 504283 | 47.54% | 6.027%  |
| 64 | 8.786 | 2545 | 2549 | 2554 | rBV4 | 338    | 342    | 0.03%  | 0.004%  |
| 65 | 8.863 | 2571 | 2573 | 2577 | rVV  | 305    | 231    | 0.02%  | 0.003%  |
| 66 | 8.911 | 2586 | 2588 | 2592 | rVV  | 304    | 240    | 0.02%  | 0.003%  |
| 67 | 9.091 | 2630 | 2644 | 2663 | rBV  | 487831 | 800691 | 75.48% | 9.569%  |
| 68 | 9.300 | 2703 | 2709 | 2712 | rBV3 | 465    | 493    | 0.05%  | 0.006%  |
| 69 | 9.371 | 2728 | 2731 | 2735 | rBV3 | 525    | 433    | 0.04%  | 0.005%  |
| 70 | 9.435 | 2748 | 2751 | 2755 | rBV2 | 388    | 317    | 0.03%  | 0.004%  |
| 71 | 9.731 | 2838 | 2843 | 2845 | rBV2 | 362    | 391    | 0.04%  | 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\SOMULM081518WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 9.866  | 2881 | 2885 | 2887 | rBV2 | 422    | 380    | 0.04%  | 0.005% |
| 73  | 9.902  | 2891 | 2896 | 2900 | rBV  | 307    | 307    | 0.03%  | 0.004% |
| 74  | 10.082 | 2948 | 2952 | 2954 | rBV  | 388    | 294    | 0.03%  | 0.004% |
| 75  | 10.140 | 2966 | 2970 | 2973 | rBV2 | 241    | 258    | 0.02%  | 0.003% |
| 76  | 10.313 | 3019 | 3024 | 3027 | rBV2 | 302    | 252    | 0.02%  | 0.003% |
| 77  | 10.435 | 3050 | 3062 | 3079 | rBV  | 325883 | 528101 | 49.78% | 6.312% |
| 78  | 10.564 | 3099 | 3102 | 3105 | rBV  | 369    | 316    | 0.03%  | 0.004% |
| 79  | 10.615 | 3107 | 3118 | 3132 | rVB3 | 11007  | 22460  | 2.12%  | 0.268% |
| 80  | 10.702 | 3139 | 3145 | 3147 | rVB2 | 429    | 316    | 0.03%  | 0.004% |
| 81  | 10.905 | 3204 | 3208 | 3209 | rBV  | 357    | 325    | 0.03%  | 0.004% |
| 82  | 10.982 | 3229 | 3232 | 3235 | rBV  | 317    | 280    | 0.03%  | 0.003% |
| 83  | 11.130 | 3276 | 3278 | 3284 | rVB3 | 470    | 422    | 0.04%  | 0.005% |
| 84  | 11.255 | 3314 | 3317 | 3320 | rBV2 | 387    | 250    | 0.02%  | 0.003% |
| 85  | 11.281 | 3320 | 3325 | 3326 | rBV  | 357    | 257    | 0.02%  | 0.003% |
| 86  | 11.300 | 3329 | 3331 | 3336 | rVB2 | 450    | 265    | 0.02%  | 0.003% |
| 87  | 11.426 | 3368 | 3370 | 3375 | rVB2 | 497    | 311    | 0.03%  | 0.004% |
| 88  | 11.487 | 3376 | 3389 | 3409 | rBV  | 415191 | 673081 | 63.45% | 8.044% |
| 89  | 11.651 | 3436 | 3440 | 3443 | rBV3 | 471    | 388    | 0.04%  | 0.005% |
| 90  | 11.766 | 3473 | 3476 | 3481 | rBV3 | 333    | 343    | 0.03%  | 0.004% |
| 91  | 11.811 | 3487 | 3490 | 3491 | rBV2 | 434    | 244    | 0.02%  | 0.003% |
| 92  | 11.863 | 3493 | 3506 | 3524 | rVV  | 451614 | 733732 | 69.17% | 8.769% |
| 93  | 12.062 | 3563 | 3568 | 3575 | rBV3 | 765    | 995    | 0.09%  | 0.012% |
| 94  | 12.136 | 3587 | 3591 | 3597 | rBV4 | 454    | 457    | 0.04%  | 0.005% |
| 95  | 12.519 | 3707 | 3710 | 3714 | rBV3 | 352    | 334    | 0.03%  | 0.004% |
| 96  | 12.844 | 3808 | 3811 | 3813 | rBV2 | 349    | 231    | 0.02%  | 0.003% |
| 97  | 12.982 | 3851 | 3854 | 3857 | rBV  | 316    | 234    | 0.02%  | 0.003% |
| 98  | 13.017 | 3863 | 3865 | 3872 | rVB2 | 448    | 274    | 0.03%  | 0.003% |
| 99  | 13.982 | 4163 | 4165 | 4168 | rBV2 | 387    | 290    | 0.03%  | 0.003% |
| 100 | 15.390 | 4600 | 4603 | 4606 | rBV2 | 600    | 469    | 0.04%  | 0.006% |

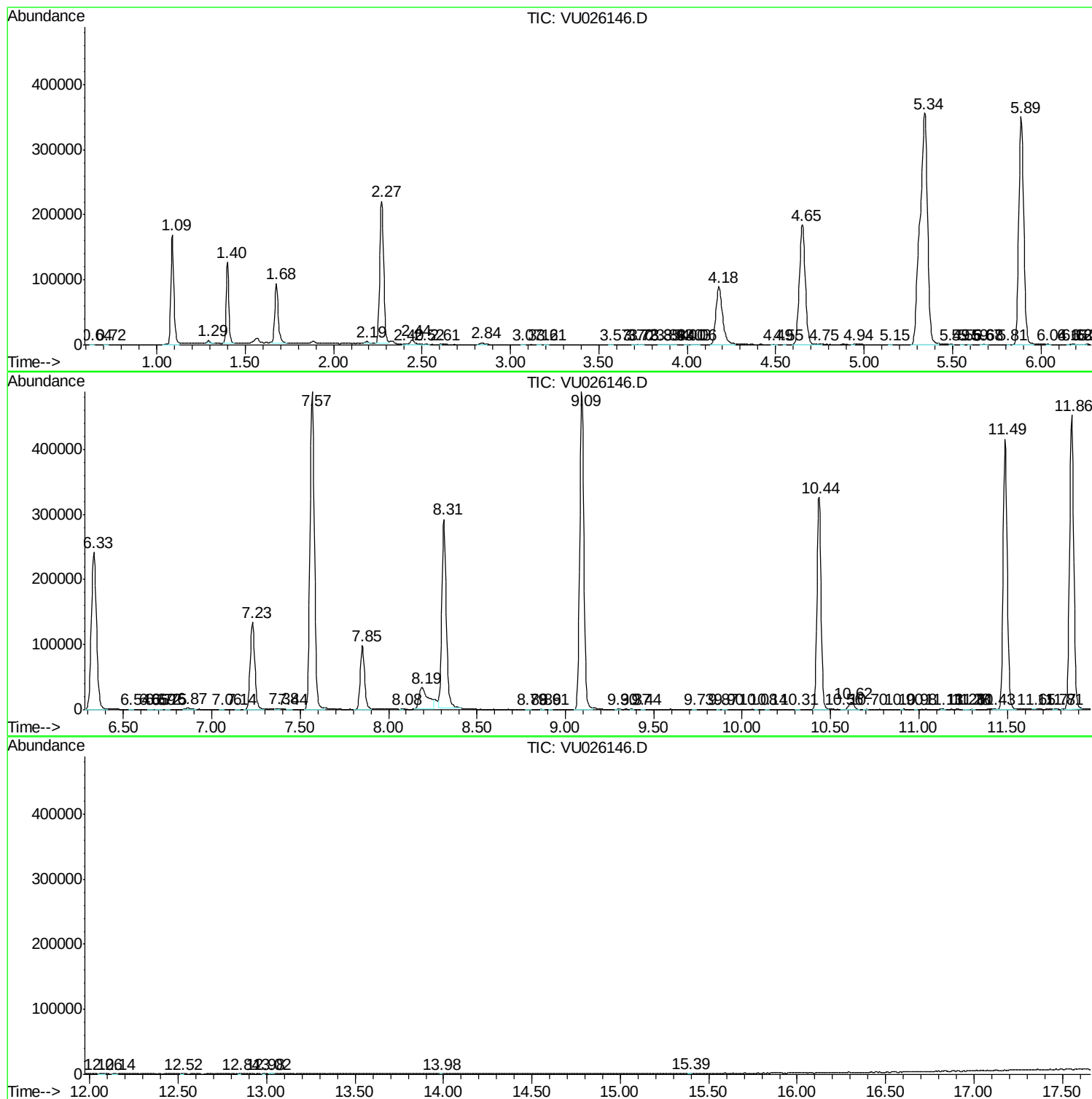
Sum of corrected areas: 8367116

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM081518WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU081518\  
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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          |