

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102620\  
 Data File : VV019113.D  
 Acq On : 26 Oct 2020 12:39  
 Operator : SY/MD  
 Sample : L4502-15 100X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG454

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\_V\METHOD\SOMVLM102220WMA.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         | 1.315       | 64            | 70          | 80           | rVB      | 166659         | 164800        | 14.11%          | 1.853%        |
| 2         | 1.579       | 145           | 152         | 165          | rVB      | 143839         | 159245        | 13.63%          | 1.790%        |
| 3         | 2.122       | 311           | 321         | 351          | rVB      | 287067         | 438162        | 37.51%          | 4.926%        |
| 4         | 2.347       | 389           | 391         | 392          | rBV      | 382            | 144           | 0.01%           | 0.002%        |
| 5         | 2.441       | 417           | 420         | 422          | rBV3     | 354            | 206           | 0.02%           | 0.002%        |
| 6         | 2.585       | 461           | 465         | 468          | rBV2     | 291            | 265           | 0.02%           | 0.003%        |
| 7         | 2.659       | 486           | 488         | 489          | rBV2     | 192            | 94            | 0.01%           | 0.001%        |
| 8         | 2.891       | 557           | 560         | 562          | rBV      | 148            | 92            | 0.01%           | 0.001%        |
| 9         | 2.990       | 589           | 591         | 593          | rVB2     | 191            | 81            | 0.01%           | 0.001%        |
| 10        | 3.023       | 593           | 601         | 604          | rBV2     | 215            | 273           | 0.02%           | 0.003%        |
| 11        | 3.064       | 611           | 614         | 619          | rVB3     | 180            | 163           | 0.01%           | 0.002%        |
| 12        | 3.106       | 624           | 627         | 633          | rBV2     | 241            | 283           | 0.02%           | 0.003%        |
| 13        | 3.216       | 657           | 661         | 662          | rBV2     | 143            | 92            | 0.01%           | 0.001%        |
| 14        | 3.328       | 693           | 696         | 698          | rBV      | 164            | 101           | 0.01%           | 0.001%        |
| 15        | 3.386       | 711           | 714         | 719          | rVB2     | 302            | 227           | 0.02%           | 0.003%        |
| 16        | 3.421       | 722           | 725         | 727          | rBV2     | 247            | 145           | 0.01%           | 0.002%        |
| 17        | 3.450       | 731           | 734         | 736          | rBV      | 173            | 123           | 0.01%           | 0.001%        |
| 18        | 3.486       | 742           | 745         | 747          | rVB      | 253            | 143           | 0.01%           | 0.002%        |
| 19        | 3.502       | 747           | 750         | 752          | rBV      | 180            | 102           | 0.01%           | 0.001%        |
| 20        | 3.537       | 758           | 761         | 764          | rVB2     | 410            | 253           | 0.02%           | 0.003%        |
| 21        | 3.572       | 764           | 772         | 778          | rBV2     | 301            | 458           | 0.04%           | 0.005%        |
| 22        | 3.634       | 788           | 791         | 797          | rBV2     | 257            | 268           | 0.02%           | 0.003%        |
| 23        | 3.675       | 800           | 804         | 807          | rBV      | 259            | 223           | 0.02%           | 0.003%        |
| 24        | 3.695       | 807           | 810         | 811          | rBV      | 149            | 84            | 0.01%           | 0.001%        |
| 25        | 3.730       | 820           | 821         | 826          | rVB      | 188            | 124           | 0.01%           | 0.001%        |
| 26        | 3.849       | 853           | 858         | 862          | rBV2     | 204            | 198           | 0.02%           | 0.002%        |
| 27        | 3.910       | 866           | 877         | 915          | rBV2     | 81291          | 235895        | 20.19%          | 2.652%        |
| 28        | 4.376       | 1005          | 1022        | 1049         | rBV      | 193140         | 468296        | 40.08%          | 5.265%        |
| 29        | 4.720       | 1125          | 1129        | 1131         | rBV      | 430            | 284           | 0.02%           | 0.003%        |
| 30        | 4.769       | 1142          | 1144        | 1146         | rBV      | 269            | 102           | 0.01%           | 0.001%        |
| 31        | 4.897       | 1180          | 1184        | 1187         | rBV      | 137            | 124           | 0.01%           | 0.001%        |
| 32        | 4.981       | 1207          | 1210        | 1211         | rBV      | 119            | 64            | 0.01%           | 0.001%        |
| 33        | 5.071       | 1220          | 1238        | 1264         | rBV2     | 453350         | 1168269       | 100.00%         | 13.134%       |
| 34        | 5.270       | 1298          | 1300        | 1301         | rBV2     | 302            | 116           | 0.01%           | 0.001%        |

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 MSVOA\_V  
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## 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\_V\METHOD\SOMVLM102220WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |         |
|----|-------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.312 | 1311 | 1313 | 1317 | rBV3 | 316    | 260    | 0.02%  | 0.003%  |
| 36 | 5.457 | 1356 | 1358 | 1363 | rVB2 | 275    | 153    | 0.01%  | 0.002%  |
| 37 | 5.514 | 1373 | 1376 | 1381 | rVB2 | 148    | 134    | 0.01%  | 0.002%  |
| 38 | 5.540 | 1381 | 1384 | 1386 | rBV  | 192    | 126    | 0.01%  | 0.001%  |
| 39 | 5.640 | 1403 | 1415 | 1442 | rBV  | 346648 | 687913 | 58.88% | 7.734%  |
| 40 | 5.932 | 1500 | 1506 | 1520 | rVB6 | 2960   | 5656   | 0.48%  | 0.064%  |
| 41 | 6.016 | 1529 | 1532 | 1535 | rVB  | 281    | 170    | 0.01%  | 0.002%  |
| 42 | 6.045 | 1536 | 1541 | 1542 | rBV3 | 264    | 206    | 0.02%  | 0.002%  |
| 43 | 6.093 | 1543 | 1556 | 1578 | rBV  | 260934 | 530872 | 45.44% | 5.968%  |
| 44 | 6.222 | 1593 | 1596 | 1598 | rBV2 | 651    | 492    | 0.04%  | 0.006%  |
| 45 | 6.283 | 1612 | 1615 | 1616 | rBV  | 287    | 142    | 0.01%  | 0.002%  |
| 46 | 6.331 | 1628 | 1630 | 1635 | rVB2 | 356    | 243    | 0.02%  | 0.003%  |
| 47 | 6.357 | 1635 | 1638 | 1642 | rVB2 | 248    | 195    | 0.02%  | 0.002%  |
| 48 | 6.386 | 1642 | 1647 | 1650 | rBV2 | 279    | 198    | 0.02%  | 0.002%  |
| 49 | 6.402 | 1650 | 1652 | 1654 | rBV  | 435    | 213    | 0.02%  | 0.002%  |
| 50 | 6.537 | 1690 | 1694 | 1697 | rBV  | 375    | 266    | 0.02%  | 0.003%  |
| 51 | 6.630 | 1721 | 1723 | 1726 | rVB  | 260    | 102    | 0.01%  | 0.001%  |
| 52 | 6.672 | 1726 | 1736 | 1737 | rBV2 | 411    | 544    | 0.05%  | 0.006%  |
| 53 | 6.711 | 1746 | 1748 | 1752 | rVB2 | 218    | 108    | 0.01%  | 0.001%  |
| 54 | 6.762 | 1761 | 1764 | 1769 | rVB  | 200    | 123    | 0.01%  | 0.001%  |
| 55 | 6.823 | 1781 | 1783 | 1786 | rBV  | 240    | 140    | 0.01%  | 0.002%  |
| 56 | 6.900 | 1805 | 1807 | 1809 | rVB2 | 305    | 101    | 0.01%  | 0.001%  |
| 57 | 6.923 | 1811 | 1814 | 1817 | rBV  | 188    | 137    | 0.01%  | 0.002%  |
| 58 | 6.949 | 1820 | 1822 | 1825 | rVB2 | 188    | 104    | 0.01%  | 0.001%  |
| 59 | 7.006 | 1826 | 1840 | 1869 | rBV  | 149014 | 273817 | 23.44% | 3.078%  |
| 60 | 7.260 | 1915 | 1919 | 1920 | rBV  | 462    | 341    | 0.03%  | 0.004%  |
| 61 | 7.338 | 1930 | 1943 | 1972 | rBV  | 533961 | 924789 | 79.16% | 10.396% |
| 62 | 7.643 | 2027 | 2038 | 2061 | rBV  | 110008 | 190847 | 16.34% | 2.146%  |
| 63 | 8.003 | 2144 | 2150 | 2161 | rBV4 | 1893   | 2623   | 0.22%  | 0.029%  |
| 64 | 8.048 | 2161 | 2164 | 2167 | rBV2 | 576    | 315    | 0.03%  | 0.004%  |
| 65 | 8.106 | 2171 | 2182 | 2209 | rBV  | 318582 | 541789 | 46.38% | 6.091%  |
| 66 | 8.354 | 2257 | 2259 | 2262 | rVB2 | 419    | 182    | 0.02%  | 0.002%  |
| 67 | 8.434 | 2282 | 2284 | 2286 | rBV  | 306    | 166    | 0.01%  | 0.002%  |
| 68 | 8.521 | 2309 | 2311 | 2314 | rBV2 | 357    | 237    | 0.02%  | 0.003%  |
| 69 | 8.598 | 2334 | 2335 | 2340 | rVB2 | 348    | 189    | 0.02%  | 0.002%  |
| 70 | 8.662 | 2351 | 2355 | 2360 | rVB3 | 464    | 385    | 0.03%  | 0.004%  |
| 71 | 8.765 | 2385 | 2387 | 2391 | rBV  | 304    | 180    | 0.02%  | 0.002%  |

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## Integration Parameters: LSCINT.P

Integrator: RTE  
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 Sampling : 1  
 Start Thrs: 0.2  
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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\_V\METHOD\SOMVLM102220WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 8.797  | 2395 | 2397 | 2399 | rBV  | 288    | 140    | 0.01%  | 0.002% |
| 73  | 8.871  | 2407 | 2420 | 2447 | rBV  | 547793 | 888456 | 76.05% | 9.988% |
| 74  | 9.096  | 2486 | 2490 | 2491 | rBV  | 268    | 178    | 0.02%  | 0.002% |
| 75  | 9.228  | 2527 | 2531 | 2533 | rBV2 | 386    | 222    | 0.02%  | 0.002% |
| 76  | 9.318  | 2557 | 2559 | 2562 | rVB  | 312    | 152    | 0.01%  | 0.002% |
| 77  | 9.595  | 2643 | 2645 | 2646 | rBV  | 197    | 75     | 0.01%  | 0.001% |
| 78  | 9.669  | 2665 | 2668 | 2669 | rBV  | 256    | 146    | 0.01%  | 0.002% |
| 79  | 9.749  | 2690 | 2693 | 2698 | rBV2 | 313    | 268    | 0.02%  | 0.003% |
| 80  | 9.810  | 2709 | 2712 | 2714 | rVB2 | 234    | 124    | 0.01%  | 0.001% |
| 81  | 9.868  | 2726 | 2730 | 2735 | rBV2 | 351    | 292    | 0.02%  | 0.003% |
| 82  | 9.923  | 2744 | 2747 | 2748 | rBV  | 247    | 114    | 0.01%  | 0.001% |
| 83  | 9.932  | 2748 | 2750 | 2753 | rVB  | 334    | 153    | 0.01%  | 0.002% |
| 84  | 10.067 | 2788 | 2792 | 2793 | rBV2 | 240    | 189    | 0.02%  | 0.002% |
| 85  | 10.238 | 2833 | 2845 | 2865 | rBV  | 334206 | 529334 | 45.31% | 5.951% |
| 86  | 10.427 | 2900 | 2904 | 2907 | rBV  | 292    | 262    | 0.02%  | 0.003% |
| 87  | 10.463 | 2913 | 2915 | 2917 | rBV  | 225    | 88     | 0.01%  | 0.001% |
| 88  | 10.476 | 2917 | 2919 | 2923 | rVV2 | 311    | 213    | 0.02%  | 0.002% |
| 89  | 10.511 | 2927 | 2930 | 2934 | rBV  | 244    | 191    | 0.02%  | 0.002% |
| 90  | 10.923 | 3056 | 3058 | 3061 | rBV  | 238    | 112    | 0.01%  | 0.001% |
| 91  | 11.032 | 3090 | 3092 | 3095 | rBV2 | 265    | 204    | 0.02%  | 0.002% |
| 92  | 11.061 | 3099 | 3101 | 3103 | rVB  | 259    | 90     | 0.01%  | 0.001% |
| 93  | 11.196 | 3140 | 3143 | 3146 | rBV  | 366    | 323    | 0.03%  | 0.004% |
| 94  | 11.270 | 3155 | 3166 | 3189 | rBV  | 528356 | 814138 | 69.69% | 9.153% |
| 95  | 11.508 | 3237 | 3240 | 3242 | rBV2 | 231    | 118    | 0.01%  | 0.001% |
| 96  | 11.534 | 3246 | 3248 | 3256 | rVV3 | 419    | 339    | 0.03%  | 0.004% |
| 97  | 11.646 | 3271 | 3283 | 3304 | rBV  | 546532 | 854711 | 73.16% | 9.609% |
| 98  | 11.932 | 3369 | 3372 | 3373 | rBV  | 369    | 200    | 0.02%  | 0.002% |
| 99  | 12.472 | 3536 | 3540 | 3541 | rBV  | 285    | 197    | 0.02%  | 0.002% |
| 100 | 12.816 | 3645 | 3647 | 3651 | rBV  | 381    | 225    | 0.02%  | 0.003% |

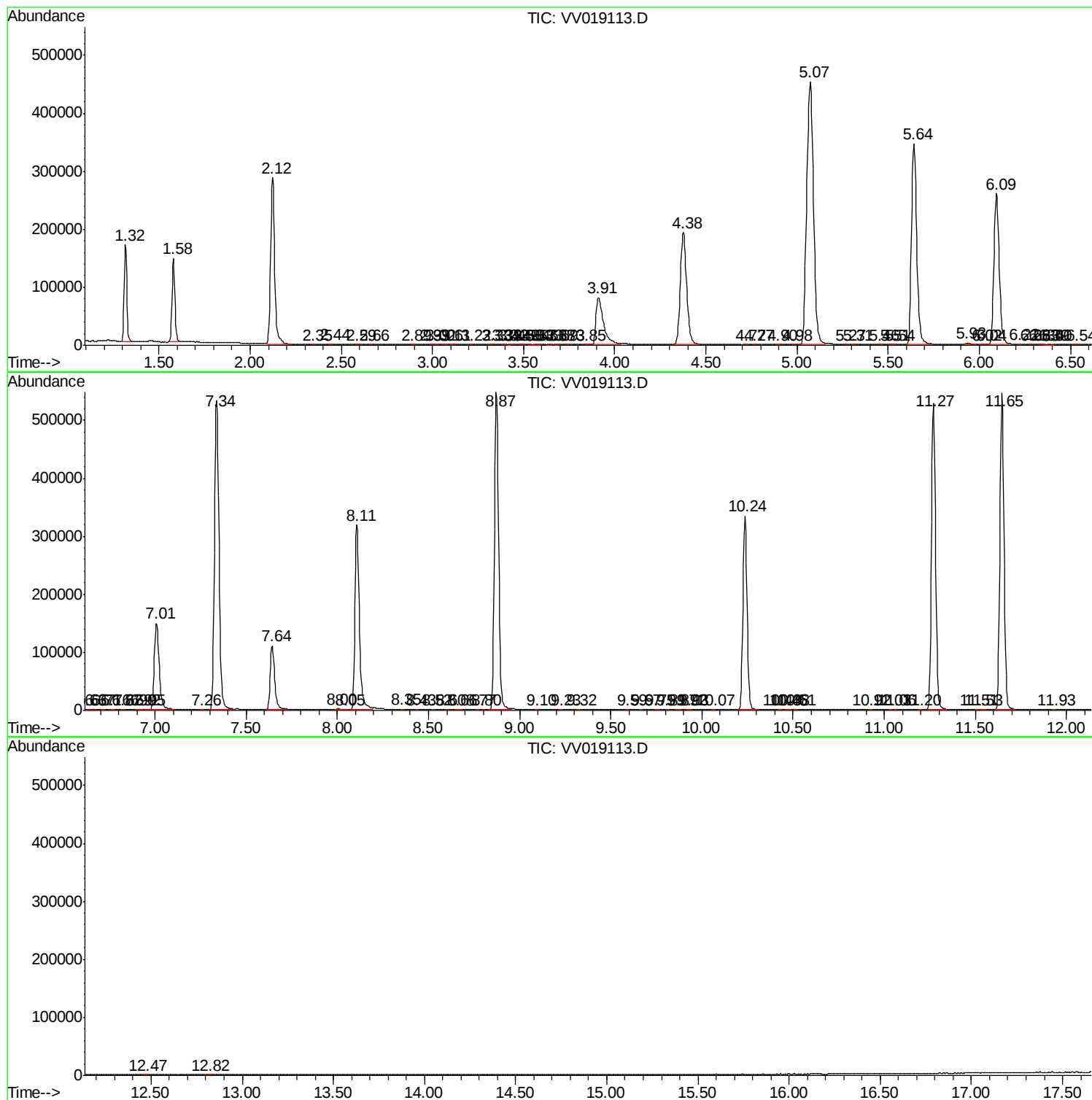
Sum of corrected areas: 8895211

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM102220WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV102620\  
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TIC Library : C:\DATABASE\NIST11.L  
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No Library Search Compounds Detected

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Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV102620\  
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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |    |      |      |
|------------------|----|---------|-------|----------|-----------------------|----|------|------|
|                  |    |         |       |          | #                     | RT | Resp | Conc |