

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100521\  
 Data File : VU045149.D  
 Acq On : 05 Oct 2021 16:57  
 Operator : SY/MD  
 Sample : M4025-01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COAL0

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092321WMA.M

Title : VOC Analysis

Signal : TIC: VU045149.D\data.ms

| 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         | 1.600       | 74            | 81          | 96           | rBV      | 159958         | 185859        | 13.95%          | 1.794%        |
| 2         | 1.912       | 170           | 178         | 198          | rVB      | 138571         | 188560        | 14.16%          | 1.820%        |
| 3         | 2.571       | 370           | 383         | 411          | rVV      | 279439         | 471507        | 35.40%          | 4.551%        |
| 4         | 2.797       | 449           | 453         | 456          | rBV2     | 474            | 386           | 0.03%           | 0.004%        |
| 5         | 2.845       | 465           | 468         | 475          | rVB2     | 234            | 215           | 0.02%           | 0.002%        |
| 6         | 2.880       | 475           | 479         | 481          | rBV      | 168            | 143           | 0.01%           | 0.001%        |
| 7         | 2.916       | 488           | 490         | 496          | rVB      | 193            | 146           | 0.01%           | 0.001%        |
| 8         | 2.954       | 496           | 502         | 503          | rBV      | 389            | 329           | 0.02%           | 0.003%        |
| 9         | 3.031       | 520           | 526         | 527          | rBV2     | 135            | 159           | 0.01%           | 0.002%        |
| 10        | 3.047       | 527           | 531         | 533          | rBV3     | 565            | 389           | 0.03%           | 0.004%        |
| 11        | 3.182       | 571           | 573         | 575          | rBV2     | 340            | 238           | 0.02%           | 0.002%        |
| 12        | 3.292       | 604           | 607         | 610          | rVV      | 212            | 179           | 0.01%           | 0.002%        |
| 13        | 3.716       | 736           | 739         | 742          | rBV2     | 284            | 178           | 0.01%           | 0.002%        |
| 14        | 3.803       | 760           | 766         | 769          | rVB2     | 274            | 247           | 0.02%           | 0.002%        |
| 15        | 3.887       | 790           | 792         | 797          | rVB      | 555            | 349           | 0.03%           | 0.003%        |
| 16        | 4.070       | 845           | 849         | 852          | rBV2     | 179            | 147           | 0.01%           | 0.001%        |
| 17        | 4.205       | 888           | 891         | 894          | rBV      | 207            | 185           | 0.01%           | 0.002%        |
| 18        | 4.311       | 920           | 924         | 927          | rVB2     | 188            | 168           | 0.01%           | 0.002%        |
| 19        | 4.472       | 971           | 974         | 978          | rBV2     | 210            | 140           | 0.01%           | 0.001%        |
| 20        | 4.632       | 1009          | 1024        | 1063         | rBV      | 137592         | 399332        | 29.98%          | 3.855%        |
| 21        | 4.919       | 1108          | 1113        | 1119         | rVB3     | 290            | 439           | 0.03%           | 0.004%        |
| 22        | 4.951       | 1119          | 1123        | 1130         | rBV2     | 261            | 256           | 0.02%           | 0.002%        |
| 23        | 4.989       | 1133          | 1135        | 1139         | rBV      | 277            | 236           | 0.02%           | 0.002%        |
| 24        | 5.070       | 1142          | 1160        | 1184         | rBV      | 231430         | 511846        | 38.42%          | 4.941%        |
| 25        | 5.208       | 1199          | 1203        | 1206         | rBV2     | 277            | 185           | 0.01%           | 0.002%        |
| 26        | 5.250       | 1211          | 1216        | 1218         | rBV3     | 228            | 226           | 0.02%           | 0.002%        |
| 27        | 5.321       | 1224          | 1238        | 1250         | rVB4     | 5666           | 12126         | 0.91%           | 0.117%        |
| 28        | 5.414       | 1264          | 1267        | 1270         | rBV2     | 163            | 151           | 0.01%           | 0.001%        |
| 29        | 5.472       | 1280          | 1285        | 1288         | rBV      | 174            | 209           | 0.02%           | 0.002%        |
| 30        | 5.504       | 1291          | 1295        | 1300         | rBV2     | 168            | 235           | 0.02%           | 0.002%        |
| 31        | 5.616       | 1325          | 1330        | 1333         | rVB2     | 148            | 159           | 0.01%           | 0.002%        |
| 32        | 5.729       | 1343          | 1365        | 1391         | rBV2     | 492422         | 1332081       | 100.00%         | 12.858%       |
| 33        | 6.047       | 1460          | 1464        | 1467         | rBV2     | 332            | 218           | 0.02%           | 0.002%        |
| 34        | 6.253       | 1514          | 1528        | 1553         | rBV      | 363906         | 687576        | 51.62%          | 6.637%        |
| 35        | 6.394       | 1570          | 1572        | 1576         | rBV3     | 162            | 149           | 0.01%           | 0.001%        |
| 36        | 6.546       | 1606          | 1619        | 1643         | rBV      | 194433         | 368241        | 27.64%          | 3.555%        |

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 ClientSampleId :  
 C0AL0

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092321WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 6.697  | 1650 | 1666 | 1686 | rBV  | 311686 | 607374  | 45.60% | 5.863% |
| 38 | 6.800  | 1695 | 1698 | 1699 | rBV  | 356    | 206     | 0.02%  | 0.002% |
| 39 | 6.809  | 1699 | 1701 | 1711 | rVB4 | 939    | 1088    | 0.08%  | 0.011% |
| 40 | 7.054  | 1769 | 1777 | 1787 | rVB3 | 524    | 1110    | 0.08%  | 0.011% |
| 41 | 7.108  | 1790 | 1794 | 1796 | rBV  | 173    | 145     | 0.01%  | 0.001% |
| 42 | 7.185  | 1810 | 1818 | 1828 | rVB2 | 1700   | 2716    | 0.20%  | 0.026% |
| 43 | 7.279  | 1842 | 1847 | 1851 | rBV2 | 205    | 219     | 0.02%  | 0.002% |
| 44 | 7.472  | 1905 | 1907 | 1914 | rVB2 | 225    | 191     | 0.01%  | 0.002% |
| 45 | 7.571  | 1925 | 1938 | 1963 | rVV  | 173588 | 306521  | 23.01% | 2.959% |
| 46 | 7.690  | 1970 | 1975 | 1984 | rVB4 | 1408   | 2190    | 0.16%  | 0.021% |
| 47 | 7.902  | 2026 | 2041 | 2056 | rBV  | 604114 | 1035837 | 77.76% | 9.999% |
| 48 | 7.973  | 2057 | 2063 | 2078 | rVB2 | 9460   | 15870   | 1.19%  | 0.153% |
| 49 | 8.182  | 2115 | 2128 | 2148 | rBV  | 120855 | 204883  | 15.38% | 1.978% |
| 50 | 8.304  | 2163 | 2166 | 2169 | rBV  | 299    | 209     | 0.02%  | 0.002% |
| 51 | 8.327  | 2169 | 2173 | 2181 | rVB3 | 439    | 556     | 0.04%  | 0.005% |
| 52 | 8.372  | 2181 | 2187 | 2190 | rBV  | 224    | 283     | 0.02%  | 0.003% |
| 53 | 8.468  | 2214 | 2217 | 2218 | rVV2 | 326    | 214     | 0.02%  | 0.002% |
| 54 | 8.478  | 2218 | 2220 | 2223 | rVV2 | 329    | 205     | 0.02%  | 0.002% |
| 55 | 8.494  | 2223 | 2225 | 2230 | rVB2 | 215    | 159     | 0.01%  | 0.002% |
| 56 | 8.555  | 2237 | 2244 | 2251 | rVB5 | 2884   | 3722    | 0.28%  | 0.036% |
| 57 | 8.639  | 2254 | 2270 | 2306 | rBV  | 441458 | 782870  | 58.77% | 7.557% |
| 58 | 8.999  | 2378 | 2382 | 2384 | rBV2 | 209    | 181     | 0.01%  | 0.002% |
| 59 | 9.111  | 2414 | 2417 | 2423 | rVB2 | 142    | 144     | 0.01%  | 0.001% |
| 60 | 9.250  | 2456 | 2460 | 2464 | rBV2 | 136    | 141     | 0.01%  | 0.001% |
| 61 | 9.420  | 2499 | 2513 | 2537 | rBV  | 514335 | 844295  | 63.38% | 8.150% |
| 62 | 9.574  | 2555 | 2561 | 2566 | rVB  | 319    | 446     | 0.03%  | 0.004% |
| 63 | 9.700  | 2591 | 2600 | 2606 | rBV2 | 1121   | 1764    | 0.13%  | 0.017% |
| 64 | 9.761  | 2615 | 2619 | 2622 | rBV2 | 182    | 205     | 0.02%  | 0.002% |
| 65 | 10.037 | 2701 | 2705 | 2709 | rBV2 | 234    | 293     | 0.02%  | 0.003% |
| 66 | 10.105 | 2722 | 2726 | 2731 | rBV2 | 491    | 582     | 0.04%  | 0.006% |
| 67 | 10.166 | 2741 | 2745 | 2748 | rBV  | 226    | 224     | 0.02%  | 0.002% |
| 68 | 10.224 | 2760 | 2763 | 2768 | rVB2 | 304    | 231     | 0.02%  | 0.002% |
| 69 | 10.266 | 2773 | 2776 | 2778 | rBV  | 259    | 173     | 0.01%  | 0.002% |
| 70 | 10.314 | 2786 | 2791 | 2793 | rBV  | 218    | 234     | 0.02%  | 0.002% |
| 71 | 10.349 | 2799 | 2802 | 2808 | rVB  | 255    | 198     | 0.01%  | 0.002% |
| 72 | 10.410 | 2815 | 2821 | 2829 | rVB2 | 242    | 402     | 0.03%  | 0.004% |
| 73 | 10.481 | 2840 | 2843 | 2846 | rBV2 | 155    | 145     | 0.01%  | 0.001% |
| 74 | 10.674 | 2896 | 2903 | 2912 | rVB2 | 3397   | 4896    | 0.37%  | 0.047% |
| 75 | 10.761 | 2916 | 2930 | 2950 | rVB  | 426886 | 680094  | 51.06% | 6.565% |
| 76 | 10.864 | 2957 | 2962 | 2965 | rBV3 | 665    | 650     | 0.05%  | 0.006% |

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092321WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 10.957 | 2988 | 2991 | 2995 | rBV  | 156    | 172    | 0.01%  | 0.002% |
| 78  | 11.086 | 3025 | 3031 | 3032 | rBV2 | 245    | 204    | 0.02%  | 0.002% |
| 79  | 11.124 | 3037 | 3043 | 3047 | rVV4 | 807    | 836    | 0.06%  | 0.008% |
| 80  | 11.153 | 3047 | 3052 | 3055 | rVV3 | 179    | 193    | 0.01%  | 0.002% |
| 81  | 11.211 | 3063 | 3070 | 3079 | rBV3 | 396    | 700    | 0.05%  | 0.007% |
| 82  | 11.462 | 3140 | 3148 | 3157 | rVB4 | 2393   | 3872   | 0.29%  | 0.037% |
| 83  | 11.561 | 3175 | 3179 | 3180 | rBV2 | 229    | 162    | 0.01%  | 0.002% |
| 84  | 11.578 | 3182 | 3184 | 3190 | rVB3 | 572    | 562    | 0.04%  | 0.005% |
| 85  | 11.635 | 3197 | 3202 | 3210 | rVB2 | 1037   | 1277   | 0.10%  | 0.012% |
| 86  | 11.697 | 3216 | 3221 | 3230 | rBV4 | 1339   | 1994   | 0.15%  | 0.019% |
| 87  | 11.815 | 3245 | 3258 | 3277 | rBV  | 498992 | 783268 | 58.80% | 7.561% |
| 88  | 11.976 | 3303 | 3308 | 3317 | rVB4 | 2163   | 2943   | 0.22%  | 0.028% |
| 89  | 12.118 | 3347 | 3352 | 3355 | rBV2 | 358    | 275    | 0.02%  | 0.003% |
| 90  | 12.195 | 3361 | 3376 | 3393 | rBV  | 553843 | 895621 | 67.23% | 8.645% |
| 91  | 12.340 | 3415 | 3421 | 3425 | rVB2 | 764    | 744    | 0.06%  | 0.007% |
| 92  | 12.574 | 3491 | 3494 | 3496 | rBV  | 169    | 143    | 0.01%  | 0.001% |
| 93  | 12.799 | 3562 | 3564 | 3567 | rBV2 | 198    | 146    | 0.01%  | 0.001% |
| 94  | 12.941 | 3605 | 3608 | 3613 | rVB  | 235    | 185    | 0.01%  | 0.002% |
| 95  | 13.073 | 3645 | 3649 | 3650 | rBV2 | 188    | 140    | 0.01%  | 0.001% |
| 96  | 13.172 | 3676 | 3680 | 3682 | rBV  | 259    | 203    | 0.02%  | 0.002% |
| 97  | 13.725 | 3849 | 3852 | 3855 | rBV2 | 281    | 248    | 0.02%  | 0.002% |
| 98  | 14.089 | 3962 | 3965 | 3968 | rBV2 | 280    | 186    | 0.01%  | 0.002% |
| 99  | 14.905 | 4216 | 4219 | 4223 | rVB  | 458    | 374    | 0.03%  | 0.004% |
| 100 | 14.928 | 4223 | 4226 | 4227 | rBV  | 264    | 169    | 0.01%  | 0.002% |

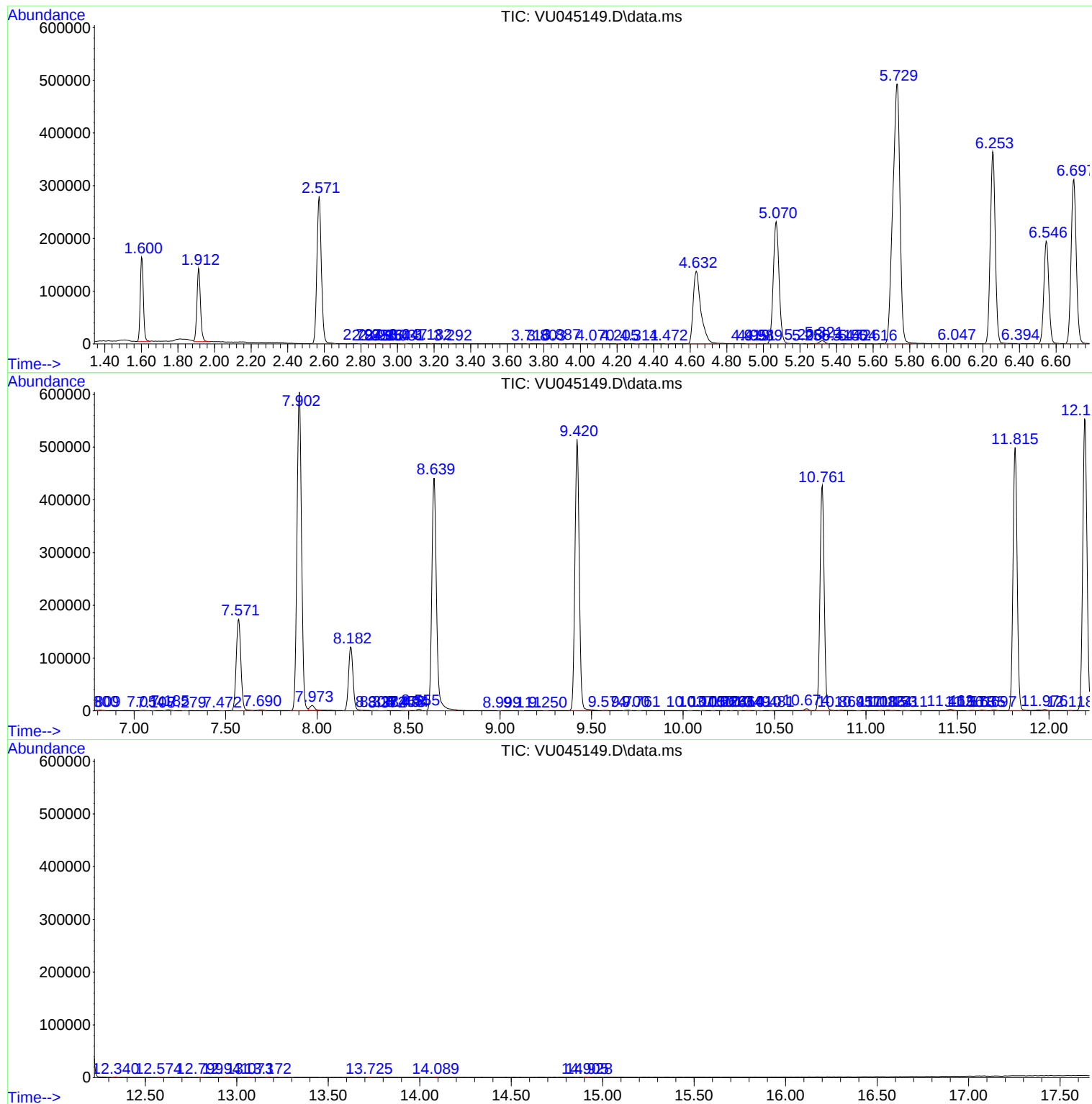
Sum of corrected areas: 10359672

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ALS Vial : 17 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092321WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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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 |

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