

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY051922\  
 Data File : VY008870.D  
 Acq On : 19 May 2022 16:11  
 Operator : KP/MD  
 Sample : N2832-12  
 Misc : 5.02g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB14

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\_Y\methods\82Y051722S.M

Title : SW846 8260

Signal : TIC: VY008870.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         | 1.912       | 13            | 15          | 17           | rBV      | 403            | 310           | 4.36%           | 0.518%        |
| 2         | 2.278       | 73            | 75          | 78           | rBV      | 409            | 422           | 5.93%           | 0.705%        |
| 3         | 2.345       | 84            | 86          | 88           | rBV      | 277            | 203           | 2.85%           | 0.339%        |
| 4         | 2.790       | 157           | 159         | 162          | rBB      | 191            | 207           | 2.91%           | 0.346%        |
| 5         | 2.912       | 176           | 179         | 180          | rBV      | 280            | 215           | 3.02%           | 0.359%        |
| 6         | 3.204       | 221           | 227         | 229          | rBV      | 342            | 440           | 6.19%           | 0.735%        |
| 7         | 3.485       | 270           | 273         | 275          | rBV      | 277            | 279           | 3.92%           | 0.466%        |
| 8         | 3.552       | 282           | 284         | 285          | rVB      | 328            | 213           | 2.99%           | 0.356%        |
| 9         | 3.845       | 330           | 332         | 333          | rBV      | 268            | 184           | 2.59%           | 0.307%        |
| 10        | 3.881       | 336           | 338         | 342          | rBV      | 268            | 431           | 6.06%           | 0.720%        |
| 11        | 3.948       | 347           | 349         | 352          | rVB      | 302            | 266           | 3.74%           | 0.444%        |
| 12        | 4.168       | 383           | 385         | 387          | rVB      | 266            | 191           | 2.69%           | 0.319%        |
| 13        | 4.192       | 387           | 389         | 391          | rBV      | 231            | 274           | 3.85%           | 0.458%        |
| 14        | 4.296       | 399           | 406         | 407          | rBV2     | 207            | 398           | 5.60%           | 0.665%        |
| 15        | 4.344       | 411           | 414         | 417          | rVB2     | 207            | 254           | 3.57%           | 0.424%        |
| 16        | 4.405       | 422           | 424         | 427          | rVB      | 234            | 254           | 3.57%           | 0.424%        |
| 17        | 4.430       | 427           | 428         | 432          | rBB2     | 205            | 229           | 3.22%           | 0.382%        |
| 18        | 4.497       | 435           | 439         | 442          | rBV2     | 153            | 248           | 3.49%           | 0.414%        |
| 19        | 4.533       | 442           | 445         | 447          | rVB2     | 241            | 268           | 3.77%           | 0.448%        |
| 20        | 4.576       | 448           | 452         | 455          | rBV2     | 300            | 401           | 5.64%           | 0.670%        |
| 21        | 4.649       | 462           | 464         | 467          | rBV2     | 227            | 237           | 3.33%           | 0.396%        |
| 22        | 4.850       | 495           | 497         | 504          | rBV      | 287            | 326           | 4.58%           | 0.544%        |
| 23        | 4.911       | 504           | 507         | 508          | rVV2     | 250            | 237           | 3.33%           | 0.396%        |
| 24        | 4.930       | 508           | 510         | 512          | rVB      | 237            | 216           | 3.04%           | 0.361%        |
| 25        | 5.009       | 522           | 523         | 526          | rBV2     | 217            | 209           | 2.94%           | 0.349%        |
| 26        | 5.259       | 562           | 564         | 568          | rBV2     | 191            | 270           | 3.80%           | 0.451%        |
| 27        | 5.381       | 579           | 584         | 586          | rBV      | 209            | 261           | 3.67%           | 0.436%        |
| 28        | 5.515       | 603           | 606         | 607          | rVB      | 223            | 188           | 2.64%           | 0.314%        |
| 29        | 5.759       | 644           | 646         | 648          | rBV      | 207            | 195           | 2.74%           | 0.326%        |
| 30        | 6.039       | 690           | 692         | 694          | rBV      | 252            | 242           | 3.40%           | 0.404%        |
| 31        | 6.143       | 707           | 709         | 712          | rBV2     | 226            | 217           | 3.05%           | 0.362%        |
| 32        | 6.228       | 719           | 723         | 724          | rBV2     | 162            | 209           | 2.94%           | 0.349%        |
| 33        | 6.308       | 733           | 736         | 737          | rBV      | 198            | 225           | 3.16%           | 0.376%        |
| 34        | 6.338       | 740           | 741         | 744          | rBV2     | 199            | 203           | 2.85%           | 0.339%        |
| 35        | 6.405       | 750           | 752         | 755          | rBV      | 196            | 227           | 3.19%           | 0.379%        |
| 36        | 6.588       | 778           | 782         | 783          | rBV2     | 195            | 265           | 3.73%           | 0.443%        |

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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\_Y\methods\82Y051722S.M  
 Title : SW846 8260

|    |        |      |      |      |      |      |      |        |         |
|----|--------|------|------|------|------|------|------|--------|---------|
| 37 | 6.887  | 828  | 831  | 833  | rBV  | 282  | 253  | 3.56%  | 0.422%  |
| 38 | 6.929  | 836  | 838  | 839  | rBV2 | 203  | 192  | 2.70%  | 0.321%  |
| 39 | 7.106  | 864  | 867  | 869  | rVB  | 151  | 204  | 2.87%  | 0.341%  |
| 40 | 7.210  | 882  | 884  | 885  | rBV2 | 240  | 190  | 2.67%  | 0.317%  |
| 41 | 7.271  | 889  | 894  | 895  | rBV2 | 236  | 335  | 4.71%  | 0.559%  |
| 42 | 7.320  | 901  | 902  | 906  | rBV2 | 244  | 278  | 3.91%  | 0.464%  |
| 43 | 7.484  | 926  | 929  | 930  | rBV2 | 237  | 263  | 3.70%  | 0.439%  |
| 44 | 7.643  | 952  | 955  | 957  | rBV2 | 190  | 222  | 3.12%  | 0.371%  |
| 45 | 7.716  | 960  | 967  | 972  | rBV5 | 1233 | 2931 | 41.21% | 4.895%  |
| 46 | 7.789  | 975  | 979  | 985  | rVB3 | 1892 | 3232 | 45.44% | 5.397%  |
| 47 | 7.929  | 1000 | 1002 | 1005 | rBV  | 250  | 264  | 3.71%  | 0.441%  |
| 48 | 7.960  | 1005 | 1007 | 1009 | rVB2 | 265  | 250  | 3.51%  | 0.417%  |
| 49 | 7.996  | 1011 | 1013 | 1017 | rVB2 | 294  | 382  | 5.37%  | 0.638%  |
| 50 | 8.063  | 1022 | 1024 | 1027 | rVB2 | 293  | 275  | 3.87%  | 0.459%  |
| 51 | 8.106  | 1027 | 1031 | 1032 | rBV2 | 151  | 204  | 2.87%  | 0.341%  |
| 52 | 8.136  | 1032 | 1036 | 1043 | rVV4 | 1512 | 3303 | 46.44% | 5.516%  |
| 53 | 8.191  | 1043 | 1045 | 1049 | rVB2 | 207  | 297  | 4.18%  | 0.496%  |
| 54 | 8.295  | 1058 | 1062 | 1065 | rVB2 | 179  | 235  | 3.30%  | 0.392%  |
| 55 | 8.649  | 1115 | 1120 | 1121 | rBV  | 330  | 410  | 5.76%  | 0.685%  |
| 56 | 8.685  | 1121 | 1126 | 1135 | rVV2 | 2510 | 5001 | 70.31% | 8.351%  |
| 57 | 8.752  | 1135 | 1137 | 1140 | rVB  | 263  | 263  | 3.70%  | 0.439%  |
| 58 | 8.886  | 1157 | 1159 | 1160 | rBV  | 274  | 217  | 3.05%  | 0.362%  |
| 59 | 9.045  | 1182 | 1185 | 1187 | rVB  | 219  | 281  | 3.95%  | 0.469%  |
| 60 | 9.069  | 1187 | 1189 | 1192 | rBV  | 258  | 244  | 3.43%  | 0.407%  |
| 61 | 9.106  | 1192 | 1195 | 1197 | rVB2 | 153  | 188  | 2.64%  | 0.314%  |
| 62 | 9.209  | 1208 | 1212 | 1213 | rBV  | 202  | 207  | 2.91%  | 0.346%  |
| 63 | 9.301  | 1225 | 1227 | 1229 | rBV  | 147  | 197  | 2.77%  | 0.329%  |
| 64 | 9.405  | 1242 | 1244 | 1246 | rBV2 | 149  | 183  | 2.57%  | 0.306%  |
| 65 | 9.423  | 1246 | 1247 | 1251 | rVB2 | 223  | 231  | 3.25%  | 0.386%  |
| 66 | 9.636  | 1281 | 1282 | 1286 | rBV  | 230  | 274  | 3.85%  | 0.458%  |
| 67 | 9.831  | 1309 | 1314 | 1316 | rBV2 | 245  | 379  | 5.33%  | 0.633%  |
| 68 | 9.862  | 1316 | 1319 | 1320 | rVB  | 320  | 311  | 4.37%  | 0.519%  |
| 69 | 9.941  | 1329 | 1332 | 1334 | rBV  | 240  | 285  | 4.01%  | 0.476%  |
| 70 | 10.179 | 1366 | 1371 | 1377 | rVB  | 4395 | 6538 | 91.92% | 10.918% |
| 71 | 10.392 | 1404 | 1406 | 1407 | rBV  | 207  | 187  | 2.63%  | 0.312%  |
| 72 | 10.484 | 1419 | 1421 | 1425 | rBV2 | 234  | 356  | 5.00%  | 0.594%  |
| 73 | 10.575 | 1434 | 1436 | 1438 | rBV2 | 237  | 274  | 3.85%  | 0.458%  |
| 74 | 10.782 | 1468 | 1470 | 1472 | rVB  | 285  | 209  | 2.94%  | 0.349%  |
| 75 | 10.880 | 1483 | 1486 | 1487 | rBV2 | 188  | 213  | 2.99%  | 0.356%  |
| 76 | 11.093 | 1520 | 1521 | 1523 | rBV  | 264  | 199  | 2.80%  | 0.332%  |

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Instrument :  
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Integration Parameters: RTEINT.P

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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\_Y\methods\82Y051722S.M  
 Title : SW846 8260

|     |        |      |      |      |      |      |      |         |         |
|-----|--------|------|------|------|------|------|------|---------|---------|
| 77  | 11.313 | 1555 | 1557 | 1559 | rBV  | 163  | 179  | 2.52%   | 0.299%  |
| 78  | 11.380 | 1566 | 1568 | 1571 | rVB2 | 312  | 225  | 3.16%   | 0.376%  |
| 79  | 11.490 | 1578 | 1586 | 1592 | rBV2 | 4169 | 7113 | 100.00% | 11.878% |
| 80  | 11.691 | 1617 | 1619 | 1621 | rBV  | 157  | 191  | 2.69%   | 0.319%  |
| 81  | 12.117 | 1687 | 1689 | 1693 | rVB2 | 191  | 202  | 2.84%   | 0.337%  |
| 82  | 12.416 | 1736 | 1738 | 1741 | rBV2 | 268  | 255  | 3.58%   | 0.426%  |
| 83  | 12.483 | 1745 | 1749 | 1756 | rVB5 | 2171 | 3764 | 52.92%  | 6.286%  |
| 84  | 12.538 | 1756 | 1758 | 1760 | rBV2 | 217  | 212  | 2.98%   | 0.354%  |
| 85  | 12.581 | 1763 | 1765 | 1767 | rVB  | 332  | 217  | 3.05%   | 0.362%  |
| 86  | 13.038 | 1838 | 1840 | 1841 | rVB2 | 348  | 179  | 2.52%   | 0.299%  |
| 87  | 13.056 | 1841 | 1843 | 1846 | rBV2 | 190  | 258  | 3.63%   | 0.431%  |
| 88  | 13.227 | 1869 | 1871 | 1874 | rBV2 | 434  | 267  | 3.75%   | 0.446%  |
| 89  | 13.428 | 1900 | 1904 | 1910 | rVB4 | 2146 | 3036 | 42.68%  | 5.070%  |
| 90  | 13.806 | 1965 | 1966 | 1971 | rVB2 | 403  | 468  | 6.58%   | 0.782%  |
| 91  | 13.971 | 1991 | 1993 | 1995 | rVB2 | 327  | 221  | 3.11%   | 0.369%  |
| 92  | 14.227 | 2033 | 2035 | 2040 | rBV2 | 289  | 430  | 6.05%   | 0.718%  |
| 93  | 14.446 | 2070 | 2071 | 2074 | rBV  | 319  | 377  | 5.30%   | 0.630%  |
| 94  | 14.532 | 2081 | 2085 | 2086 | rBV2 | 281  | 313  | 4.40%   | 0.523%  |
| 95  | 14.727 | 2116 | 2117 | 2121 | rBV  | 421  | 288  | 4.05%   | 0.481%  |
| 96  | 15.403 | 2226 | 2228 | 2230 | rBV2 | 324  | 208  | 2.92%   | 0.347%  |
| 97  | 15.623 | 2261 | 2264 | 2271 | rVB2 | 575  | 1054 | 14.82%  | 1.760%  |
| 98  | 15.678 | 2271 | 2273 | 2276 | rBV2 | 311  | 412  | 5.79%   | 0.688%  |
| 99  | 16.129 | 2346 | 2347 | 2352 | rBV2 | 431  | 342  | 4.81%   | 0.571%  |
| 100 | 16.440 | 2396 | 2398 | 2399 | rBV  | 607  | 301  | 4.23%   | 0.503%  |

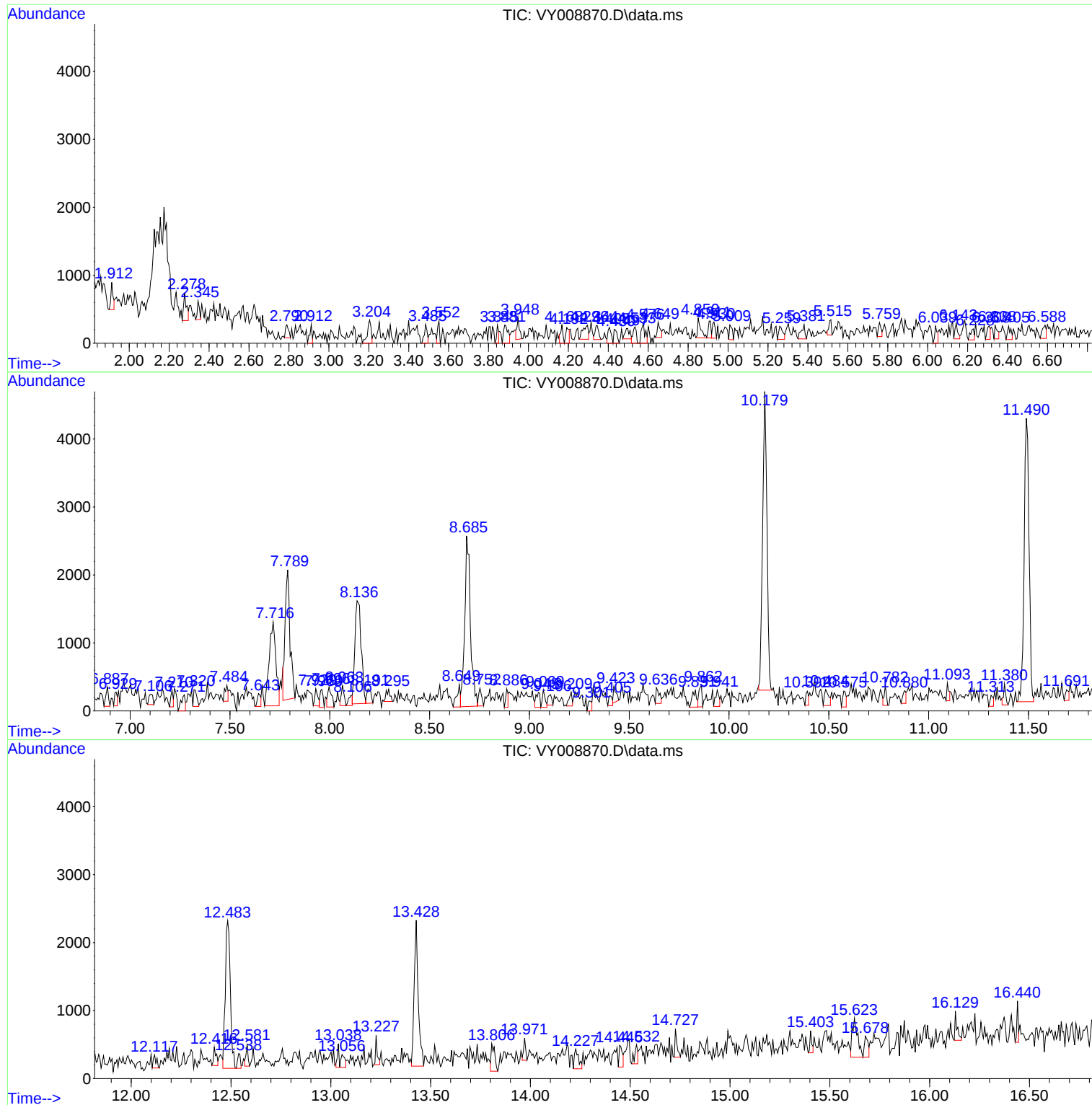
Sum of corrected areas: 59883

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y051722S.M  
Quant Title : SW846 8260

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 |