

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032423\  
 Data File : VY013076.D  
 Acq On : 24 Mar 2023 14:14  
 Operator : KP/MD  
 Sample : 02045-06  
 Misc : 5.02g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WC1-20230322

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\82Y030223S.M

Title : SW846 8260

Signal : TIC: VY013076.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         | 2.942       | 180           | 184         | 186          | rBV2     | 160            | 229           | 21.11%          | 1.289%        |
| 2         | 2.997       | 191           | 193         | 195          | rBV      | 139            | 116           | 10.69%          | 0.653%        |
| 3         | 3.089       | 207           | 208         | 211          | rVB      | 208            | 158           | 14.56%          | 0.889%        |
| 4         | 3.125       | 211           | 214         | 215          | rBV2     | 120            | 140           | 12.90%          | 0.788%        |
| 5         | 3.253       | 232           | 235         | 236          | rBV2     | 193            | 181           | 16.68%          | 1.019%        |
| 6         | 3.393       | 256           | 258         | 260          | rVB2     | 149            | 122           | 11.24%          | 0.687%        |
| 7         | 3.418       | 260           | 262         | 263          | rBV2     | 122            | 110           | 10.14%          | 0.619%        |
| 8         | 3.771       | 319           | 320         | 323          | rVB      | 148            | 119           | 10.97%          | 0.670%        |
| 9         | 3.814       | 325           | 327         | 328          | rBV      | 186            | 110           | 10.14%          | 0.619%        |
| 10        | 3.881       | 336           | 338         | 340          | rBV2     | 111            | 132           | 12.17%          | 0.743%        |
| 11        | 4.332       | 410           | 412         | 414          | rBV      | 172            | 178           | 16.41%          | 1.002%        |
| 12        | 4.393       | 420           | 422         | 425          | rBV      | 187            | 177           | 16.31%          | 0.996%        |
| 13        | 4.527       | 437           | 444         | 447          | rBV2     | 154            | 306           | 28.20%          | 1.722%        |
| 14        | 4.558       | 447           | 449         | 451          | rVB2     | 122            | 98            | 9.03%           | 0.552%        |
| 15        | 4.777       | 483           | 485         | 489          | rVB2     | 171            | 170           | 15.67%          | 0.957%        |
| 16        | 4.814       | 489           | 491         | 493          | rBV2     | 138            | 116           | 10.69%          | 0.653%        |
| 17        | 4.893       | 502           | 504         | 508          | rBV2     | 126            | 192           | 17.70%          | 1.081%        |
| 18        | 4.954       | 513           | 514         | 517          | rVB2     | 122            | 99            | 9.12%           | 0.557%        |
| 19        | 4.991       | 517           | 520         | 521          | rBV2     | 174            | 140           | 12.90%          | 0.788%        |
| 20        | 5.039       | 526           | 528         | 532          | rVB2     | 190            | 234           | 21.57%          | 1.317%        |
| 21        | 5.082       | 532           | 535         | 536          | rBV      | 199            | 180           | 16.59%          | 1.013%        |
| 22        | 5.222       | 555           | 558         | 559          | rBV2     | 131            | 138           | 12.72%          | 0.777%        |
| 23        | 5.302       | 570           | 571         | 573          | rBV2     | 119            | 90            | 8.29%           | 0.507%        |
| 24        | 5.423       | 589           | 591         | 592          | rVB      | 151            | 97            | 8.94%           | 0.546%        |
| 25        | 5.448       | 592           | 595         | 596          | rBV      | 179            | 153           | 14.10%          | 0.861%        |
| 26        | 5.491       | 601           | 602         | 604          | rBV2     | 163            | 109           | 10.05%          | 0.613%        |
| 27        | 5.600       | 619           | 620         | 624          | rBV      | 139            | 133           | 12.26%          | 0.749%        |
| 28        | 5.649       | 626           | 628         | 629          | rBV      | 151            | 106           | 9.77%           | 0.597%        |
| 29        | 5.667       | 629           | 631         | 632          | rBV      | 145            | 92            | 8.48%           | 0.518%        |
| 30        | 5.710       | 635           | 638         | 639          | rBV2     | 129            | 126           | 11.61%          | 0.709%        |
| 31        | 5.765       | 644           | 647         | 649          | rBV      | 102            | 98            | 9.03%           | 0.552%        |
| 32        | 5.789       | 649           | 651         | 654          | rBV2     | 110            | 102           | 9.40%           | 0.574%        |
| 33        | 6.021       | 685           | 689         | 690          | rBV2     | 105            | 109           | 10.05%          | 0.613%        |
| 34        | 6.149       | 707           | 710         | 711          | rBV2     | 129            | 138           | 12.72%          | 0.777%        |
| 35        | 6.314       | 734           | 737         | 738          | rBV2     | 171            | 184           | 16.96%          | 1.036%        |
| 36        | 6.417       | 752           | 754         | 756          | rBV      | 211            | 179           | 16.50%          | 1.007%        |

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 WC1-20230322

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\82Y030223S.M  
 Title : SW846 8260

|    |        |      |      |      |      |     |      |         |        |
|----|--------|------|------|------|------|-----|------|---------|--------|
| 37 | 6.582  | 778  | 781  | 782  | rBV2 | 146 | 178  | 16.41%  | 1.002% |
| 38 | 6.637  | 788  | 790  | 791  | rBV  | 111 | 112  | 10.32%  | 0.630% |
| 39 | 6.698  | 796  | 800  | 802  | rBV2 | 183 | 307  | 28.29%  | 1.728% |
| 40 | 6.783  | 812  | 814  | 818  | rBV2 | 143 | 165  | 15.21%  | 0.929% |
| 41 | 6.960  | 841  | 843  | 844  | rBV2 | 140 | 114  | 10.51%  | 0.642% |
| 42 | 7.137  | 869  | 872  | 875  | rVB  | 204 | 285  | 26.27%  | 1.604% |
| 43 | 7.179  | 877  | 879  | 884  | rVB2 | 146 | 210  | 19.35%  | 1.182% |
| 44 | 7.350  | 906  | 907  | 910  | rVB  | 261 | 183  | 16.87%  | 1.030% |
| 45 | 7.380  | 910  | 912  | 913  | rBV  | 166 | 152  | 14.01%  | 0.856% |
| 46 | 7.484  | 928  | 929  | 933  | rBV2 | 170 | 194  | 17.88%  | 1.092% |
| 47 | 7.649  | 954  | 956  | 959  | rVB  | 239 | 269  | 24.79%  | 1.514% |
| 48 | 7.685  | 959  | 962  | 963  | rBV2 | 212 | 226  | 20.83%  | 1.272% |
| 49 | 7.710  | 963  | 966  | 967  | rVV2 | 215 | 243  | 22.40%  | 1.368% |
| 50 | 7.777  | 971  | 977  | 978  | rVV3 | 190 | 281  | 25.90%  | 1.582% |
| 51 | 7.789  | 978  | 979  | 982  | rVB2 | 427 | 309  | 28.48%  | 1.739% |
| 52 | 7.850  | 987  | 989  | 991  | rBV2 | 159 | 103  | 9.49%   | 0.580% |
| 53 | 8.021  | 1015 | 1017 | 1019 | rBV  | 112 | 112  | 10.32%  | 0.630% |
| 54 | 8.453  | 1084 | 1088 | 1091 | rBV2 | 133 | 218  | 20.09%  | 1.227% |
| 55 | 8.484  | 1091 | 1093 | 1094 | rVB2 | 197 | 114  | 10.51%  | 0.642% |
| 56 | 8.496  | 1094 | 1095 | 1097 | rBV  | 128 | 108  | 9.95%   | 0.608% |
| 57 | 8.685  | 1123 | 1126 | 1132 | rBV2 | 347 | 666  | 61.38%  | 3.749% |
| 58 | 8.838  | 1147 | 1151 | 1154 | rBV2 | 181 | 233  | 21.47%  | 1.311% |
| 59 | 9.167  | 1203 | 1205 | 1207 | rBV  | 147 | 135  | 12.44%  | 0.760% |
| 60 | 9.295  | 1224 | 1226 | 1227 | rBV2 | 117 | 100  | 9.22%   | 0.563% |
| 61 | 9.386  | 1239 | 1241 | 1243 | rBV  | 146 | 157  | 14.47%  | 0.884% |
| 62 | 9.496  | 1258 | 1259 | 1262 | rVB  | 209 | 182  | 16.77%  | 1.024% |
| 63 | 9.526  | 1262 | 1264 | 1267 | rBV  | 124 | 105  | 9.68%   | 0.591% |
| 64 | 9.807  | 1308 | 1310 | 1312 | rVB  | 177 | 126  | 11.61%  | 0.709% |
| 65 | 9.886  | 1322 | 1323 | 1324 | rBV  | 190 | 112  | 10.32%  | 0.630% |
| 66 | 9.904  | 1324 | 1326 | 1329 | rVV  | 189 | 221  | 20.37%  | 1.244% |
| 67 | 10.026 | 1342 | 1346 | 1347 | rBV  | 148 | 180  | 16.59%  | 1.013% |
| 68 | 10.087 | 1352 | 1356 | 1358 | rVB2 | 185 | 193  | 17.79%  | 1.086% |
| 69 | 10.118 | 1358 | 1361 | 1364 | rBV2 | 170 | 211  | 19.45%  | 1.188% |
| 70 | 10.185 | 1368 | 1372 | 1377 | rBV3 | 633 | 1085 | 100.00% | 6.107% |
| 71 | 10.374 | 1401 | 1403 | 1404 | rBV  | 170 | 120  | 11.06%  | 0.675% |
| 72 | 10.441 | 1412 | 1414 | 1415 | rBV2 | 113 | 116  | 10.69%  | 0.653% |
| 73 | 10.715 | 1457 | 1459 | 1461 | rBV  | 118 | 91   | 8.39%   | 0.512% |
| 74 | 10.843 | 1478 | 1480 | 1482 | rVB  | 176 | 117  | 10.78%  | 0.659% |
| 75 | 10.868 | 1482 | 1484 | 1487 | rBV2 | 136 | 124  | 11.43%  | 0.698% |
| 76 | 10.941 | 1493 | 1496 | 1499 | rBV2 | 184 | 279  | 25.71%  | 1.570% |

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Integration Parameters: RTEINT.P

Integrator: RTE

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Min Area: 3 % of largest Peak

Start Thrs: 0.2

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Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030223S.M  
 Title : SW846 8260

|     |        |      |      |      |      |     |     |        |        |
|-----|--------|------|------|------|------|-----|-----|--------|--------|
| 77  | 11.063 | 1514 | 1516 | 1519 | rBV2 | 166 | 120 | 11.06% | 0.675% |
| 78  | 11.349 | 1561 | 1563 | 1564 | rBV2 | 106 | 97  | 8.94%  | 0.546% |
| 79  | 11.392 | 1568 | 1570 | 1573 | rBV2 | 79  | 100 | 9.22%  | 0.563% |
| 80  | 11.489 | 1584 | 1586 | 1591 | rVB3 | 494 | 604 | 55.67% | 3.400% |
| 81  | 11.563 | 1593 | 1598 | 1599 | rBV  | 173 | 194 | 17.88% | 1.092% |
| 82  | 11.660 | 1612 | 1614 | 1617 | rVB  | 134 | 113 | 10.41% | 0.636% |
| 83  | 11.806 | 1636 | 1638 | 1642 | rBV  | 119 | 98  | 9.03%  | 0.552% |
| 84  | 11.886 | 1649 | 1651 | 1654 | rBV2 | 156 | 166 | 15.30% | 0.934% |
| 85  | 12.069 | 1680 | 1681 | 1684 | rBV2 | 152 | 135 | 12.44% | 0.760% |
| 86  | 12.392 | 1731 | 1734 | 1737 | rBV2 | 216 | 361 | 33.27% | 2.032% |
| 87  | 12.501 | 1748 | 1752 | 1754 | rBV2 | 145 | 182 | 16.77% | 1.024% |
| 88  | 12.690 | 1781 | 1783 | 1785 | rBB2 | 149 | 122 | 11.24% | 0.687% |
| 89  | 13.020 | 1833 | 1837 | 1838 | rBV2 | 126 | 138 | 12.72% | 0.777% |
| 90  | 13.081 | 1845 | 1847 | 1849 | rBV2 | 153 | 121 | 11.15% | 0.681% |
| 91  | 13.105 | 1849 | 1851 | 1852 | rVB  | 206 | 94  | 8.66%  | 0.529% |
| 92  | 13.477 | 1910 | 1912 | 1913 | rBV  | 153 | 88  | 8.11%  | 0.495% |
| 93  | 13.873 | 1975 | 1977 | 1978 | rBV  | 163 | 106 | 9.77%  | 0.597% |
| 94  | 14.129 | 2017 | 2019 | 2020 | rBV  | 141 | 102 | 9.40%  | 0.574% |
| 95  | 14.519 | 2081 | 2083 | 2086 | rBV2 | 153 | 218 | 20.09% | 1.227% |
| 96  | 14.660 | 2103 | 2106 | 2107 | rBV  | 235 | 205 | 18.89% | 1.154% |
| 97  | 14.721 | 2114 | 2116 | 2120 | rVB  | 238 | 225 | 20.74% | 1.266% |
| 98  | 14.977 | 2157 | 2158 | 2161 | rVB  | 326 | 230 | 21.20% | 1.295% |
| 99  | 15.794 | 2290 | 2292 | 2293 | rBV  | 294 | 197 | 18.16% | 1.109% |
| 100 | 16.159 | 2351 | 2352 | 2353 | rBV  | 302 | 154 | 14.19% | 0.867% |

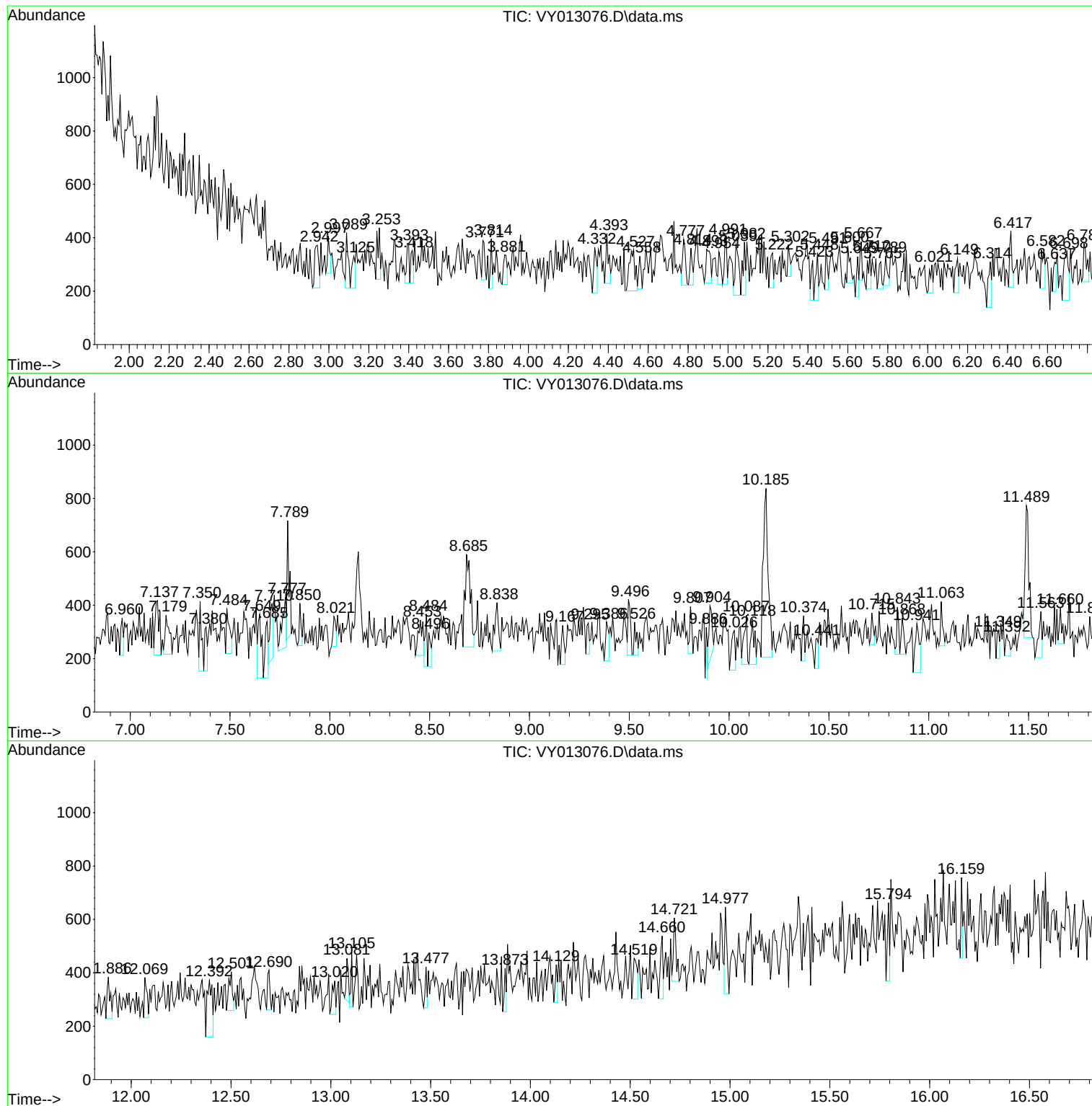
Sum of corrected areas: 17767

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030223S.M  
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032423\  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030223S.M  
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TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

\*\*\*\*\*

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Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|