

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY040424\  
 Data File : VY017857.D  
 Acq On : 04 Apr 2024 17:26  
 Operator : SY/MD  
 Sample : P1996-07  
 Misc : 5.04g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP3

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\82Y032924S.M  
 Title : SW846 8260

Signal : TIC: VY017857.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         | 2.851       | 165           | 169         | 170          | rBV2     | 277            | 349           | 8.97%           | 0.927%        |
| 2         | 2.991       | 186           | 192         | 193          | rBV2     | 231            | 474           | 12.19%          | 1.259%        |
| 3         | 3.064       | 202           | 204         | 206          | rBV      | 189            | 175           | 4.50%           | 0.465%        |
| 4         | 3.381       | 255           | 256         | 259          | rBV2     | 172            | 151           | 3.88%           | 0.401%        |
| 5         | 3.460       | 266           | 269         | 271          | rVB2     | 244            | 301           | 7.74%           | 0.799%        |
| 6         | 3.546       | 281           | 283         | 285          | rBV      | 176            | 182           | 4.68%           | 0.483%        |
| 7         | 3.668       | 300           | 303         | 308          | rBV2     | 303            | 325           | 8.35%           | 0.863%        |
| 8         | 3.948       | 347           | 349         | 350          | rBV      | 319            | 183           | 4.70%           | 0.486%        |
| 9         | 4.052       | 361           | 366         | 368          | rVB2     | 223            | 308           | 7.92%           | 0.818%        |
| 10        | 4.265       | 400           | 401         | 404          | rBV      | 358            | 309           | 7.94%           | 0.820%        |
| 11        | 4.320       | 409           | 410         | 412          | rVB      | 375            | 177           | 4.55%           | 0.470%        |
| 12        | 4.576       | 451           | 452         | 455          | rBV2     | 186            | 168           | 4.32%           | 0.446%        |
| 13        | 4.661       | 461           | 466         | 469          | rBV2     | 201            | 394           | 10.13%          | 1.046%        |
| 14        | 4.722       | 474           | 476         | 480          | rVB2     | 221            | 279           | 7.17%           | 0.741%        |
| 15        | 5.021       | 524           | 525         | 531          | rVB2     | 160            | 193           | 4.96%           | 0.512%        |
| 16        | 5.119       | 538           | 541         | 542          | rBV      | 220            | 180           | 4.63%           | 0.478%        |
| 17        | 5.277       | 566           | 567         | 572          | rBV      | 204            | 216           | 5.55%           | 0.574%        |
| 18        | 5.350       | 577           | 579         | 582          | rBV2     | 290            | 286           | 7.35%           | 0.759%        |
| 19        | 5.478       | 598           | 600         | 601          | rBV      | 165            | 158           | 4.06%           | 0.420%        |
| 20        | 5.558       | 612           | 613         | 616          | rBV      | 172            | 157           | 4.04%           | 0.417%        |
| 21        | 5.643       | 625           | 627         | 630          | rVB      | 205            | 152           | 3.91%           | 0.404%        |
| 22        | 5.734       | 640           | 642         | 644          | rBV      | 195            | 174           | 4.47%           | 0.462%        |
| 23        | 5.795       | 648           | 652         | 655          | rBV2     | 174            | 293           | 7.53%           | 0.778%        |
| 24        | 5.850       | 660           | 661         | 664          | rVB2     | 188            | 163           | 4.19%           | 0.433%        |
| 25        | 5.911       | 664           | 671         | 673          | rBV2     | 225            | 506           | 13.01%          | 1.344%        |
| 26        | 5.936       | 673           | 675         | 680          | rVB2     | 236            | 258           | 6.63%           | 0.685%        |
| 27        | 6.155       | 708           | 711         | 713          | rBV2     | 313            | 318           | 8.17%           | 0.844%        |
| 28        | 6.173       | 713           | 714         | 717          | rBV      | 191            | 198           | 5.09%           | 0.526%        |
| 29        | 6.600       | 782           | 784         | 787          | rVB2     | 266            | 236           | 6.07%           | 0.627%        |
| 30        | 6.624       | 787           | 788         | 789          | rBV      | 249            | 153           | 3.93%           | 0.406%        |
| 31        | 6.643       | 789           | 791         | 794          | rVB2     | 210            | 200           | 5.14%           | 0.531%        |
| 32        | 6.716       | 799           | 803         | 806          | rBV2     | 234            | 329           | 8.46%           | 0.874%        |
| 33        | 6.765       | 809           | 811         | 813          | rVB      | 226            | 158           | 4.06%           | 0.420%        |
| 34        | 6.826       | 819           | 821         | 823          | rVB2     | 233            | 192           | 4.94%           | 0.510%        |
| 35        | 6.874       | 826           | 829         | 831          | rBV2     | 173            | 197           | 5.06%           | 0.523%        |
| 36        | 6.966       | 841           | 844         | 845          | rBV      | 192            | 169           | 4.34%           | 0.449%        |

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

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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\82Y032924S.M  
 Title : SW846 8260

|    |        |      |      |      |      |      |      |         |         |
|----|--------|------|------|------|------|------|------|---------|---------|
| 37 | 7.045  | 854  | 857  | 858  | rBV  | 189  | 160  | 4.11%   | 0.425%  |
| 38 | 7.313  | 899  | 901  | 902  | rVB  | 364  | 201  | 5.17%   | 0.534%  |
| 39 | 7.356  | 906  | 908  | 911  | rBV2 | 190  | 233  | 5.99%   | 0.619%  |
| 40 | 7.460  | 924  | 925  | 927  | rBV  | 285  | 239  | 6.14%   | 0.635%  |
| 41 | 7.521  | 931  | 935  | 936  | rVV2 | 188  | 245  | 6.30%   | 0.651%  |
| 42 | 7.594  | 944  | 947  | 949  | rBV2 | 165  | 193  | 4.96%   | 0.512%  |
| 43 | 7.710  | 965  | 966  | 967  | rBV  | 316  | 187  | 4.81%   | 0.497%  |
| 44 | 7.801  | 976  | 981  | 984  | rBV3 | 922  | 1661 | 42.70%  | 4.410%  |
| 45 | 7.923  | 999  | 1001 | 1004 | rVV  | 144  | 176  | 4.52%   | 0.467%  |
| 46 | 7.947  | 1004 | 1005 | 1008 | rBV  | 207  | 152  | 3.91%   | 0.404%  |
| 47 | 8.051  | 1020 | 1022 | 1023 | rBV2 | 204  | 206  | 5.30%   | 0.547%  |
| 48 | 8.149  | 1035 | 1038 | 1046 | rVB4 | 961  | 2131 | 54.78%  | 5.658%  |
| 49 | 8.325  | 1066 | 1067 | 1070 | rBV2 | 160  | 206  | 5.30%   | 0.547%  |
| 50 | 8.472  | 1086 | 1091 | 1092 | rBV2 | 310  | 440  | 11.31%  | 1.168%  |
| 51 | 8.600  | 1110 | 1112 | 1114 | rBV  | 224  | 169  | 4.34%   | 0.449%  |
| 52 | 8.667  | 1121 | 1123 | 1124 | rBV  | 156  | 149  | 3.83%   | 0.396%  |
| 53 | 8.697  | 1124 | 1128 | 1132 | rVV2 | 1143 | 1934 | 49.72%  | 5.135%  |
| 54 | 8.789  | 1141 | 1143 | 1144 | rVB  | 315  | 161  | 4.14%   | 0.427%  |
| 55 | 9.026  | 1178 | 1182 | 1183 | rBV2 | 146  | 150  | 3.86%   | 0.398%  |
| 56 | 9.081  | 1190 | 1191 | 1192 | rVB  | 423  | 155  | 3.98%   | 0.412%  |
| 57 | 9.154  | 1202 | 1203 | 1206 | rVB  | 250  | 169  | 4.34%   | 0.449%  |
| 58 | 9.478  | 1254 | 1256 | 1260 | rVV  | 352  | 399  | 10.26%  | 1.059%  |
| 59 | 9.526  | 1260 | 1264 | 1265 | rVB  | 309  | 331  | 8.51%   | 0.879%  |
| 60 | 9.557  | 1265 | 1269 | 1270 | rBV2 | 283  | 283  | 7.28%   | 0.751%  |
| 61 | 10.142 | 1362 | 1365 | 1368 | rBV2 | 235  | 315  | 8.10%   | 0.836%  |
| 62 | 10.191 | 1368 | 1373 | 1380 | rVB3 | 2540 | 3890 | 100.00% | 10.329% |
| 63 | 10.307 | 1387 | 1392 | 1393 | rBV2 | 311  | 546  | 14.04%  | 1.450%  |
| 64 | 10.343 | 1397 | 1398 | 1400 | rVV  | 204  | 177  | 4.55%   | 0.470%  |
| 65 | 10.416 | 1407 | 1410 | 1411 | rVV  | 194  | 210  | 5.40%   | 0.558%  |
| 66 | 10.471 | 1417 | 1419 | 1420 | rBV2 | 236  | 199  | 5.12%   | 0.528%  |
| 67 | 10.557 | 1431 | 1433 | 1435 | rBV  | 210  | 168  | 4.32%   | 0.446%  |
| 68 | 10.624 | 1443 | 1444 | 1447 | rVB2 | 340  | 264  | 6.79%   | 0.701%  |
| 69 | 10.660 | 1448 | 1450 | 1453 | rVB2 | 156  | 148  | 3.80%   | 0.393%  |
| 70 | 10.691 | 1453 | 1455 | 1457 | rBV  | 182  | 157  | 4.04%   | 0.417%  |
| 71 | 10.831 | 1476 | 1478 | 1479 | rBV2 | 217  | 157  | 4.04%   | 0.417%  |
| 72 | 10.929 | 1491 | 1494 | 1496 | rBV2 | 214  | 203  | 5.22%   | 0.539%  |
| 73 | 11.008 | 1505 | 1507 | 1511 | rBV2 | 189  | 196  | 5.04%   | 0.520%  |
| 74 | 11.252 | 1545 | 1547 | 1550 | rBB2 | 237  | 284  | 7.30%   | 0.754%  |
| 75 | 11.276 | 1550 | 1551 | 1554 | rBV  | 278  | 242  | 6.22%   | 0.643%  |
| 76 | 11.325 | 1557 | 1559 | 1561 | rBV2 | 272  | 232  | 5.96%   | 0.616%  |

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Min Area: 3 % of largest Peak

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

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Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032924S.M  
 Title : SW846 8260

|     |        |      |      |      |      |      |      |        |        |
|-----|--------|------|------|------|------|------|------|--------|--------|
| 77  | 11.496 | 1582 | 1587 | 1593 | rBV3 | 1962 | 3432 | 88.23% | 9.113% |
| 78  | 11.605 | 1603 | 1605 | 1606 | rBV  | 211  | 173  | 4.45%  | 0.459% |
| 79  | 11.624 | 1606 | 1608 | 1611 | rVB  | 224  | 219  | 5.63%  | 0.582% |
| 80  | 11.752 | 1628 | 1629 | 1631 | rBV  | 149  | 150  | 3.86%  | 0.398% |
| 81  | 12.191 | 1699 | 1701 | 1702 | rVB  | 333  | 207  | 5.32%  | 0.550% |
| 82  | 12.380 | 1730 | 1732 | 1734 | rBV  | 279  | 270  | 6.94%  | 0.717% |
| 83  | 12.495 | 1747 | 1751 | 1755 | rBV3 | 523  | 726  | 18.66% | 1.928% |
| 84  | 12.636 | 1772 | 1774 | 1776 | rBV  | 370  | 339  | 8.71%  | 0.900% |
| 85  | 12.733 | 1789 | 1790 | 1791 | rBV  | 366  | 181  | 4.65%  | 0.481% |
| 86  | 12.812 | 1799 | 1803 | 1806 | rBV2 | 205  | 446  | 11.47% | 1.184% |
| 87  | 13.227 | 1869 | 1871 | 1873 | rVB  | 312  | 284  | 7.30%  | 0.754% |
| 88  | 13.257 | 1873 | 1876 | 1879 | rBV2 | 270  | 458  | 11.77% | 1.216% |
| 89  | 13.428 | 1900 | 1904 | 1910 | rVB2 | 701  | 1205 | 30.98% | 3.200% |
| 90  | 13.489 | 1910 | 1914 | 1916 | rBV  | 442  | 507  | 13.03% | 1.346% |
| 91  | 13.709 | 1949 | 1950 | 1953 | rVB2 | 249  | 188  | 4.83%  | 0.499% |
| 92  | 13.824 | 1967 | 1969 | 1971 | rBV  | 351  | 369  | 9.49%  | 0.980% |
| 93  | 13.971 | 1991 | 1993 | 1995 | rVB2 | 345  | 252  | 6.48%  | 0.669% |
| 94  | 14.038 | 2002 | 2004 | 2007 | rBV2 | 189  | 211  | 5.42%  | 0.560% |
| 95  | 14.452 | 2069 | 2072 | 2074 | rBV2 | 210  | 288  | 7.40%  | 0.765% |
| 96  | 14.623 | 2099 | 2100 | 2102 | rBV2 | 328  | 230  | 5.91%  | 0.611% |
| 97  | 15.031 | 2165 | 2167 | 2172 | rVB2 | 433  | 473  | 12.16% | 1.256% |
| 98  | 15.294 | 2209 | 2210 | 2212 | rBV2 | 317  | 169  | 4.34%  | 0.449% |
| 99  | 15.726 | 2279 | 2281 | 2283 | rVB  | 387  | 234  | 6.02%  | 0.621% |
| 100 | 15.806 | 2292 | 2294 | 2297 | rBV2 | 325  | 271  | 6.97%  | 0.720% |

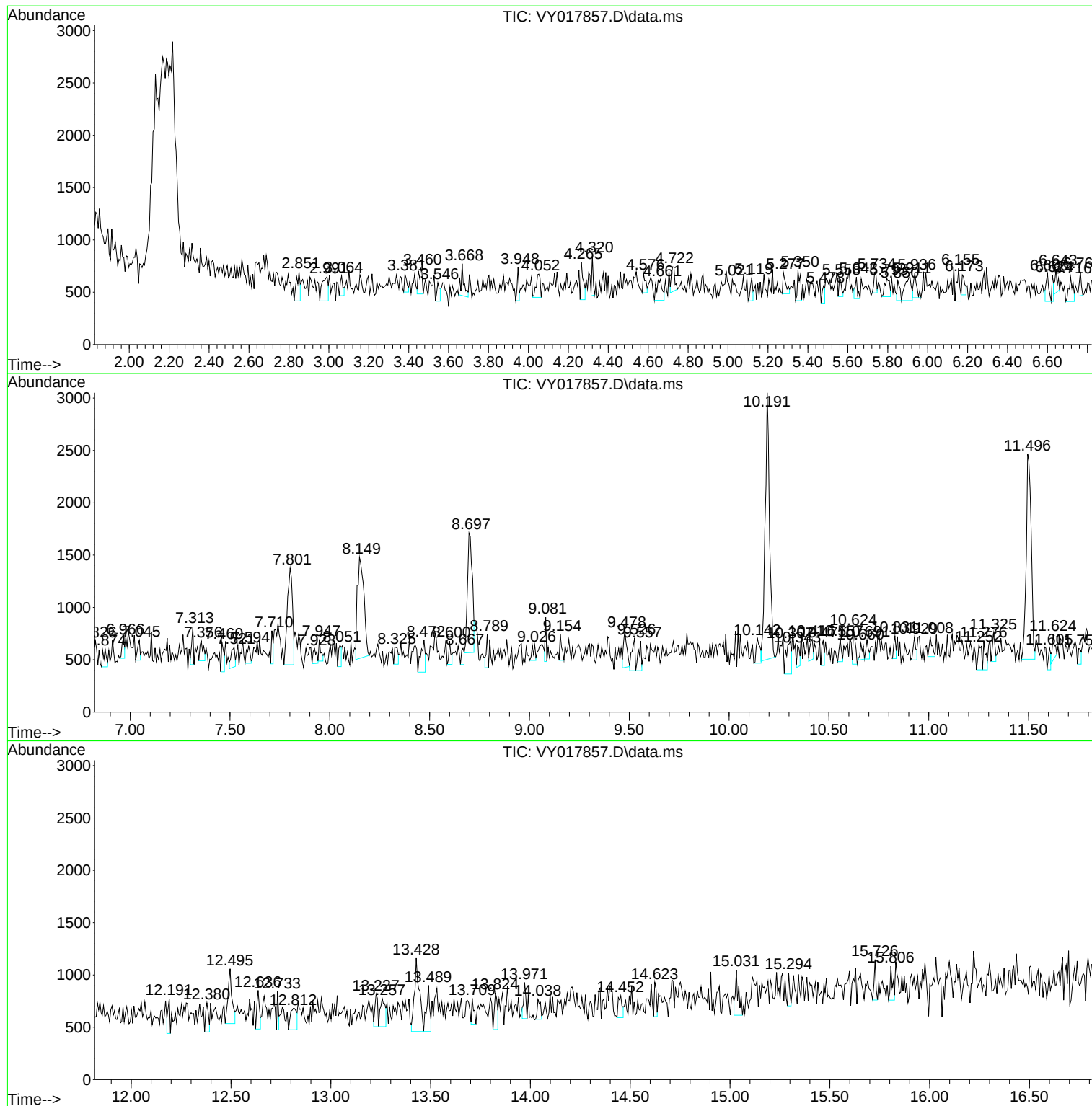
Sum of corrected areas: 37661

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032924S.M  
Quant Title : SW846 8260

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



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TIC Library : C:\Database\NIST20.L  
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No Library Search Compounds Detected

\*\*\*\*\*

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