

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD020422\  
 Data File : VD071900.D  
 Acq On : 04 Feb 2022 15:55  
 Operator : VA/SY  
 Sample : N1397-02  
 Misc : 5.02G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 KTS1-MH-02-3-4

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\_D\Method\82D012622S.M  
 Title : SW846 8260

Signal : TIC: VD071900.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         | 2.021       | 16            | 17          | 19           | rVB      | 2105           | 1370          | 2.73%           | 0.351%        |
| 2         | 2.044       | 19            | 21          | 26           | rBV      | 1449           | 1420          | 2.83%           | 0.364%        |
| 3         | 2.203       | 46            | 48          | 49           | rBV      | 3271           | 2542          | 5.07%           | 0.652%        |
| 4         | 2.603       | 114           | 116         | 119          | rBV2     | 1794           | 2411          | 4.81%           | 0.618%        |
| 5         | 2.791       | 142           | 148         | 151          | rBV4     | 3453           | 5810          | 11.58%          | 1.489%        |
| 6         | 2.897       | 164           | 166         | 167          | rVB2     | 1952           | 1283          | 2.56%           | 0.329%        |
| 7         | 3.226       | 219           | 222         | 224          | rVB      | 1385           | 1344          | 2.68%           | 0.344%        |
| 8         | 3.256       | 224           | 227         | 228          | rBV2     | 1378           | 1452          | 2.89%           | 0.372%        |
| 9         | 3.291       | 231           | 233         | 236          | rBV      | 1306           | 1323          | 2.64%           | 0.339%        |
| 10        | 3.403       | 250           | 252         | 256          | rVB2     | 1710           | 1874          | 3.74%           | 0.480%        |
| 11        | 3.726       | 303           | 307         | 308          | rBV      | 1199           | 1502          | 2.99%           | 0.385%        |
| 12        | 3.815       | 320           | 322         | 325          | rVB2     | 1794           | 1631          | 3.25%           | 0.418%        |
| 13        | 3.885       | 332           | 334         | 337          | rBV      | 1066           | 1390          | 2.77%           | 0.356%        |
| 14        | 4.150       | 374           | 379         | 380          | rBV3     | 2439           | 3894          | 7.76%           | 0.998%        |
| 15        | 4.326       | 407           | 409         | 411          | rVB2     | 1514           | 1191          | 2.37%           | 0.305%        |
| 16        | 4.415       | 420           | 424         | 426          | rBV2     | 1497           | 1697          | 3.38%           | 0.435%        |
| 17        | 4.491       | 434           | 437         | 441          | rBV2     | 1512           | 1806          | 3.60%           | 0.463%        |
| 18        | 4.821       | 488           | 493         | 495          | rBV2     | 928            | 1339          | 2.67%           | 0.343%        |
| 19        | 4.903       | 506           | 507         | 511          | rVB2     | 1458           | 1521          | 3.03%           | 0.390%        |
| 20        | 4.944       | 511           | 514         | 515          | rBV2     | 1298           | 1235          | 2.46%           | 0.317%        |
| 21        | 5.256       | 564           | 567         | 569          | rBV      | 1201           | 1207          | 2.41%           | 0.309%        |
| 22        | 5.409       | 591           | 593         | 596          | rVB      | 1950           | 1401          | 2.79%           | 0.359%        |
| 23        | 5.626       | 625           | 630         | 633          | rBV2     | 1243           | 2653          | 5.29%           | 0.680%        |
| 24        | 5.656       | 633           | 635         | 641          | rBV2     | 1519           | 2462          | 4.91%           | 0.631%        |
| 25        | 5.885       | 672           | 674         | 676          | rVB2     | 1815           | 1381          | 2.75%           | 0.354%        |
| 26        | 5.915       | 676           | 679         | 682          | rBV2     | 1428           | 2303          | 4.59%           | 0.590%        |
| 27        | 6.097       | 708           | 710         | 712          | rBV2     | 1426           | 1258          | 2.51%           | 0.322%        |
| 28        | 6.350       | 749           | 753         | 754          | rBV2     | 1427           | 1892          | 3.77%           | 0.485%        |
| 29        | 6.409       | 761           | 763         | 766          | rVB2     | 1707           | 1872          | 3.73%           | 0.480%        |
| 30        | 6.603       | 795           | 796         | 799          | rBV      | 962            | 1189          | 2.37%           | 0.305%        |
| 31        | 6.932       | 849           | 852         | 853          | rBV      | 1203           | 1234          | 2.46%           | 0.316%        |
| 32        | 7.003       | 862           | 864         | 866          | rBV2     | 1595           | 1523          | 3.04%           | 0.390%        |
| 33        | 7.132       | 884           | 886         | 890          | rVB2     | 1898           | 2086          | 4.16%           | 0.535%        |
| 34        | 7.214       | 898           | 900         | 902          | rVB2     | 1777           | 1229          | 2.45%           | 0.315%        |
| 35        | 7.350       | 921           | 923         | 929          | rVB3     | 1788           | 2711          | 5.41%           | 0.695%        |
| 36        | 7.538       | 953           | 955         | 956          | rBV      | 1664           | 1143          | 2.28%           | 0.293%        |

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 KTS1-MH-02-3-4

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\_D\Method\82D012622S.M  
 Title : SW846 8260

|    |        |      |      |      |      |       |       |         |         |
|----|--------|------|------|------|------|-------|-------|---------|---------|
| 37 | 7.862  | 1009 | 1010 | 1012 | rBV  | 1637  | 1375  | 2.74%   | 0.352%  |
| 38 | 7.909  | 1012 | 1018 | 1024 | rVV4 | 8834  | 20367 | 40.61%  | 5.220%  |
| 39 | 7.973  | 1024 | 1029 | 1038 | rVB5 | 13612 | 31042 | 61.89%  | 7.956%  |
| 40 | 8.332  | 1083 | 1090 | 1094 | rBV5 | 10844 | 21155 | 42.18%  | 5.422%  |
| 41 | 8.661  | 1145 | 1146 | 1152 | rVB2 | 1844  | 3050  | 6.08%   | 0.782%  |
| 42 | 8.856  | 1173 | 1179 | 1186 | rBV3 | 18792 | 39729 | 79.21%  | 10.183% |
| 43 | 8.944  | 1192 | 1194 | 1197 | rBV2 | 1548  | 1470  | 2.93%   | 0.377%  |
| 44 | 9.079  | 1215 | 1217 | 1220 | rBV2 | 1208  | 1237  | 2.47%   | 0.317%  |
| 45 | 9.326  | 1256 | 1259 | 1261 | rBV  | 1536  | 1744  | 3.48%   | 0.447%  |
| 46 | 9.450  | 1277 | 1280 | 1284 | rBV2 | 1162  | 2071  | 4.13%   | 0.531%  |
| 47 | 9.503  | 1287 | 1289 | 1290 | rBV  | 1518  | 1169  | 2.33%   | 0.300%  |
| 48 | 9.661  | 1313 | 1316 | 1318 | rBV2 | 1503  | 1528  | 3.05%   | 0.392%  |
| 49 | 10.026 | 1375 | 1378 | 1379 | rBV2 | 1167  | 1289  | 2.57%   | 0.330%  |
| 50 | 10.220 | 1408 | 1411 | 1413 | rVB2 | 1471  | 1363  | 2.72%   | 0.349%  |
| 51 | 10.332 | 1425 | 1430 | 1440 | rVB2 | 28128 | 50156 | 100.00% | 12.855% |
| 52 | 10.438 | 1445 | 1448 | 1449 | rBV  | 1930  | 2078  | 4.14%   | 0.533%  |
| 53 | 10.567 | 1468 | 1470 | 1473 | rBV  | 1295  | 1412  | 2.82%   | 0.362%  |
| 54 | 10.767 | 1501 | 1504 | 1506 | rBV2 | 1091  | 1495  | 2.98%   | 0.383%  |
| 55 | 10.808 | 1509 | 1511 | 1512 | rBV  | 1502  | 1208  | 2.41%   | 0.310%  |
| 56 | 10.879 | 1519 | 1523 | 1524 | rBV  | 1401  | 1257  | 2.51%   | 0.322%  |
| 57 | 10.973 | 1536 | 1539 | 1540 | rBV  | 1926  | 1324  | 2.64%   | 0.339%  |
| 58 | 11.173 | 1571 | 1573 | 1576 | rBV  | 1358  | 1280  | 2.55%   | 0.328%  |
| 59 | 11.438 | 1615 | 1618 | 1620 | rBV  | 1369  | 1339  | 2.67%   | 0.343%  |
| 60 | 11.638 | 1645 | 1652 | 1660 | rBV3 | 28957 | 47340 | 94.39%  | 12.134% |
| 61 | 11.944 | 1703 | 1704 | 1707 | rBV  | 1286  | 1162  | 2.32%   | 0.298%  |
| 62 | 11.997 | 1712 | 1713 | 1714 | rBV  | 2843  | 1251  | 2.49%   | 0.321%  |
| 63 | 12.020 | 1715 | 1717 | 1718 | rVB  | 4466  | 1794  | 3.58%   | 0.460%  |
| 64 | 12.114 | 1731 | 1733 | 1736 | rBV  | 1068  | 1140  | 2.27%   | 0.292%  |
| 65 | 12.191 | 1744 | 1746 | 1747 | rBV  | 1973  | 1344  | 2.68%   | 0.344%  |
| 66 | 12.626 | 1814 | 1820 | 1825 | rVB3 | 19137 | 30277 | 60.37%  | 7.760%  |
| 67 | 12.849 | 1856 | 1858 | 1860 | rVB  | 1827  | 1430  | 2.85%   | 0.367%  |
| 68 | 13.185 | 1913 | 1915 | 1916 | rBV2 | 1668  | 1342  | 2.68%   | 0.344%  |
| 69 | 13.373 | 1945 | 1947 | 1949 | rBV  | 2208  | 1838  | 3.66%   | 0.471%  |
| 70 | 13.567 | 1974 | 1980 | 1986 | rBV3 | 20989 | 36559 | 72.89%  | 9.370%  |
| 71 | 13.749 | 2009 | 2011 | 2013 | rBV2 | 1608  | 1388  | 2.77%   | 0.356%  |
| 72 | 14.102 | 2070 | 2071 | 2073 | rBV2 | 1807  | 1291  | 2.57%   | 0.331%  |
| 73 | 14.549 | 2145 | 2147 | 2149 | rBV3 | 2053  | 1974  | 3.94%   | 0.506%  |
| 74 | 14.732 | 2176 | 2178 | 2182 | rBV2 | 2495  | 1952  | 3.89%   | 0.500%  |
| 75 | 15.820 | 2362 | 2363 | 2367 | rBV3 | 2509  | 2360  | 4.71%   | 0.605%  |

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Sample : N1397-02  
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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
KTS1-MH-02-3-4

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\_D\Method\82D012622S.M  
Title : SW846 8260

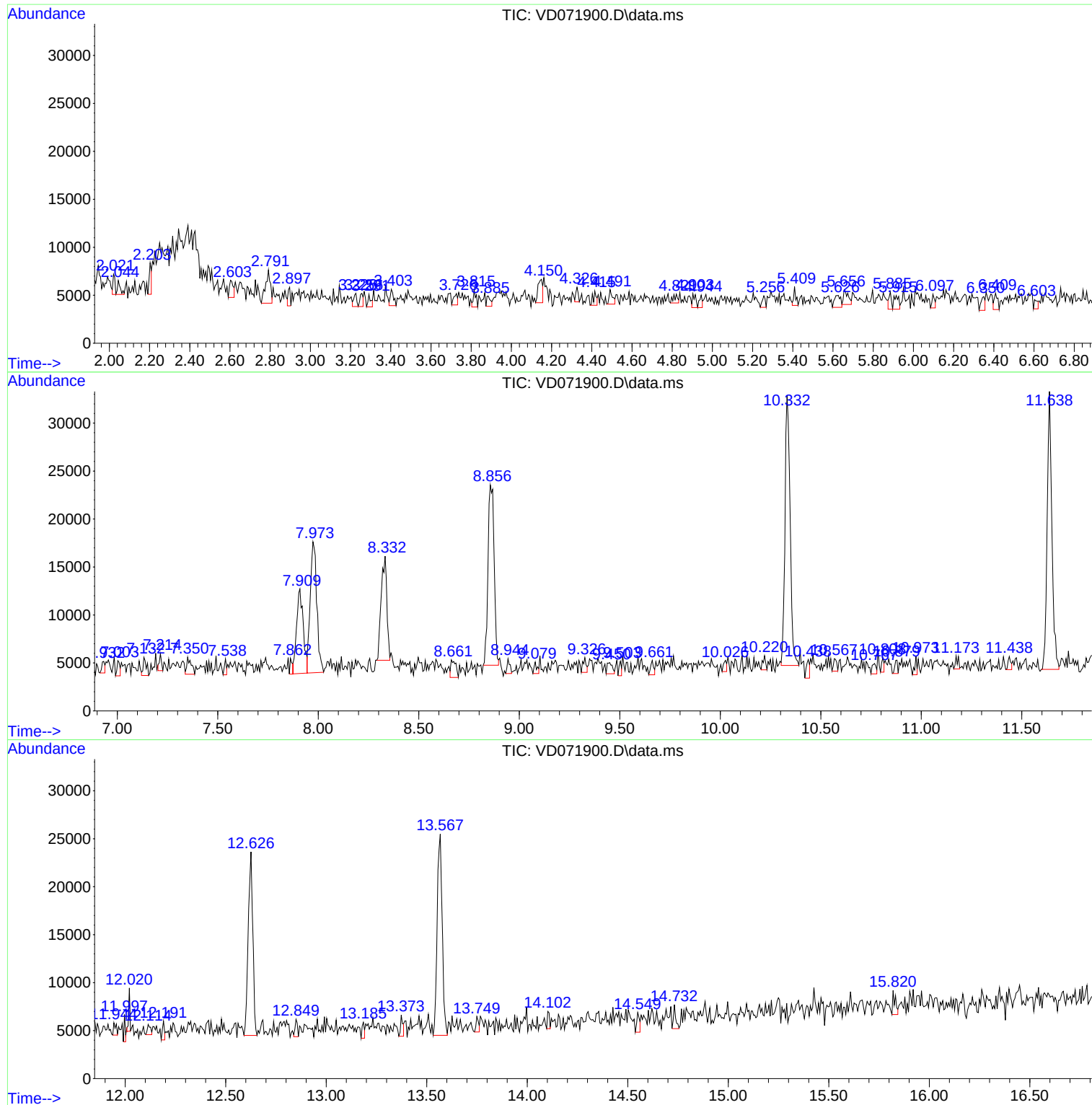
Sum of corrected areas: 390159

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Instrument :  
MSVOA\_D  
ClientSampleId :  
KTS1-MH-02-3-4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D012622S.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD020422\  
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Sample : N1397-02  
Misc : 5.02G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
KTS1-MH-02-3-4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D012622S.M  
Quant Title : SW846 8260

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

No Library Search Compounds Detected

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

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