

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD042623\  
 Data File : VD075835.D  
 Acq On : 26 Apr 2023 15:13  
 Operator : KP/SY  
 Sample : 02419-18  
 Misc : 4.58G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 EW931

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\_D\Method\SFAMDLM042023SMA.M  
 Title : SFAM01.0

Signal : TIC: VD075835.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         | 1.617       | 3             | 5           | 6            | rBV      | 726            | 537           | 0.04%           | 0.005%        |
| 2         | 1.740       | 13            | 26          | 40           | rBV      | 792826         | 1491496       | 100.00%         | 14.586%       |
| 3         | 2.158       | 93            | 97          | 100          | rBV2     | 1725           | 2051          | 0.14%           | 0.020%        |
| 4         | 2.275       | 111           | 117         | 125          | rBV      | 194533         | 290238        | 19.46%          | 2.838%        |
| 5         | 2.581       | 167           | 169         | 170          | rBV      | 2564           | 1585          | 0.11%           | 0.016%        |
| 6         | 2.799       | 200           | 206         | 217          | rVB      | 162190         | 307508        | 20.62%          | 3.007%        |
| 7         | 3.011       | 240           | 242         | 245          | rBV2     | 1849           | 1570          | 0.11%           | 0.015%        |
| 8         | 3.175       | 265           | 270         | 272          | rBV3     | 1611           | 2868          | 0.19%           | 0.028%        |
| 9         | 3.352       | 296           | 300         | 301          | rBV2     | 755            | 830           | 0.06%           | 0.008%        |
| 10        | 3.405       | 307           | 309         | 311          | rBV2     | 899            | 967           | 0.06%           | 0.009%        |
| 11        | 3.440       | 313           | 315         | 319          | rVV      | 974            | 1365          | 0.09%           | 0.013%        |
| 12        | 3.640       | 347           | 349         | 354          | rBV      | 413            | 578           | 0.04%           | 0.006%        |
| 13        | 3.917       | 385           | 396         | 409          | rBV      | 152654         | 408235        | 27.37%          | 3.992%        |
| 14        | 4.099       | 426           | 427         | 430          | rBV2     | 690            | 544           | 0.04%           | 0.005%        |
| 15        | 4.140       | 430           | 434         | 435          | rBV      | 577            | 754           | 0.05%           | 0.007%        |
| 16        | 4.599       | 510           | 512         | 516          | rVB2     | 443            | 473           | 0.03%           | 0.005%        |
| 17        | 4.799       | 536           | 546         | 558          | rBV      | 18486          | 58142         | 3.90%           | 0.569%        |
| 18        | 4.940       | 568           | 570         | 573          | rBV      | 906            | 958           | 0.06%           | 0.009%        |
| 19        | 4.993       | 576           | 579         | 580          | rBV2     | 509            | 506           | 0.03%           | 0.005%        |
| 20        | 5.181       | 609           | 611         | 612          | rBV2     | 565            | 414           | 0.03%           | 0.004%        |
| 21        | 5.440       | 653           | 655         | 657          | rBV2     | 573            | 409           | 0.03%           | 0.004%        |
| 22        | 5.528       | 668           | 670         | 673          | rBV2     | 507            | 658           | 0.04%           | 0.006%        |
| 23        | 5.605       | 682           | 683         | 685          | rBV      | 616            | 517           | 0.03%           | 0.005%        |
| 24        | 5.687       | 694           | 697         | 698          | rBV2     | 432            | 454           | 0.03%           | 0.004%        |
| 25        | 5.734       | 703           | 705         | 707          | rBV      | 697            | 664           | 0.04%           | 0.006%        |
| 26        | 5.763       | 707           | 710         | 712          | rVB      | 508            | 549           | 0.04%           | 0.005%        |
| 27        | 5.852       | 717           | 725         | 732          | rVB6     | 2606           | 6789          | 0.46%           | 0.066%        |
| 28        | 6.152       | 772           | 776         | 777          | rVV2     | 825            | 865           | 0.06%           | 0.008%        |
| 29        | 6.222       | 786           | 788         | 792          | rVB2     | 735            | 894           | 0.06%           | 0.009%        |
| 30        | 6.528       | 838           | 840         | 842          | rVB      | 688            | 497           | 0.03%           | 0.005%        |
| 31        | 6.546       | 842           | 843         | 846          | rBV      | 889            | 670           | 0.04%           | 0.007%        |
| 32        | 6.587       | 849           | 850         | 852          | rVV2     | 668            | 427           | 0.03%           | 0.004%        |
| 33        | 6.705       | 867           | 870         | 871          | rBV2     | 453            | 449           | 0.03%           | 0.004%        |
| 34        | 6.834       | 890           | 892         | 894          | rVB2     | 524            | 425           | 0.03%           | 0.004%        |
| 35        | 6.987       | 908           | 918         | 926          | rBV2     | 29586          | 88492         | 5.93%           | 0.865%        |
| 36        | 7.305       | 969           | 972         | 973          | rVV2     | 454            | 438           | 0.03%           | 0.004%        |

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Smoothing : OFF

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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\_D\Method\SFAMDLM042023SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 37 | 7.334  | 975  | 977  | 980  | rVV2 | 503    | 443     | 0.03%  | 0.004%  |
| 38 | 7.405  | 987  | 989  | 991  | rVB2 | 477    | 401     | 0.03%  | 0.004%  |
| 39 | 7.499  | 1003 | 1005 | 1006 | rBV2 | 673    | 590     | 0.04%  | 0.006%  |
| 40 | 7.569  | 1006 | 1017 | 1032 | rBV  | 238175 | 600531  | 40.26% | 5.873%  |
| 41 | 7.705  | 1039 | 1040 | 1043 | rBV  | 609    | 482     | 0.03%  | 0.005%  |
| 42 | 7.746  | 1043 | 1047 | 1048 | rVV2 | 523    | 665     | 0.04%  | 0.007%  |
| 43 | 7.781  | 1050 | 1053 | 1055 | rBV  | 608    | 670     | 0.04%  | 0.007%  |
| 44 | 7.999  | 1088 | 1090 | 1093 | rBV2 | 482    | 436     | 0.03%  | 0.004%  |
| 45 | 8.116  | 1109 | 1110 | 1113 | rBV  | 744    | 612     | 0.04%  | 0.006%  |
| 46 | 8.205  | 1114 | 1125 | 1142 | rVV2 | 449257 | 1296283 | 86.91% | 12.677% |
| 47 | 8.405  | 1155 | 1159 | 1160 | rVB2 | 684    | 594     | 0.04%  | 0.006%  |
| 48 | 8.475  | 1169 | 1171 | 1177 | rVB2 | 877    | 1318    | 0.09%  | 0.013%  |
| 49 | 8.552  | 1183 | 1184 | 1187 | rVB2 | 635    | 552     | 0.04%  | 0.005%  |
| 50 | 8.781  | 1214 | 1223 | 1237 | rVV  | 523545 | 1031327 | 69.15% | 10.086% |
| 51 | 9.010  | 1261 | 1262 | 1268 | rVB4 | 1859   | 1952    | 0.13%  | 0.019%  |
| 52 | 9.210  | 1287 | 1296 | 1306 | rBV  | 312337 | 629135  | 42.18% | 6.153%  |
| 53 | 9.422  | 1331 | 1332 | 1335 | rBV  | 691    | 777     | 0.05%  | 0.008%  |
| 54 | 9.651  | 1369 | 1371 | 1373 | rBV2 | 647    | 384     | 0.03%  | 0.004%  |
| 55 | 9.704  | 1378 | 1380 | 1382 | rVB2 | 462    | 369     | 0.02%  | 0.004%  |
| 56 | 9.799  | 1392 | 1396 | 1401 | rVB2 | 584    | 957     | 0.06%  | 0.009%  |
| 57 | 9.875  | 1408 | 1409 | 1413 | rVB2 | 588    | 521     | 0.03%  | 0.005%  |
| 58 | 9.928  | 1416 | 1418 | 1420 | rBV  | 662    | 611     | 0.04%  | 0.006%  |
| 59 | 9.981  | 1420 | 1427 | 1436 | rVV  | 138084 | 254579  | 17.07% | 2.490%  |
| 60 | 10.269 | 1468 | 1476 | 1491 | rBV  | 534076 | 973973  | 65.30% | 9.525%  |
| 61 | 10.404 | 1497 | 1499 | 1501 | rBV2 | 852    | 604     | 0.04%  | 0.006%  |
| 62 | 10.528 | 1513 | 1520 | 1529 | rBV  | 87550  | 152550  | 10.23% | 1.492%  |
| 63 | 10.599 | 1530 | 1532 | 1535 | rVB2 | 617    | 546     | 0.04%  | 0.005%  |
| 64 | 10.663 | 1537 | 1543 | 1550 | rVV2 | 12125  | 21610   | 1.45%  | 0.211%  |
| 65 | 10.810 | 1563 | 1568 | 1573 | rBV3 | 9559   | 15772   | 1.06%  | 0.154%  |
| 66 | 10.881 | 1573 | 1580 | 1591 | rBV  | 114063 | 195950  | 13.14% | 1.916%  |
| 67 | 11.028 | 1600 | 1605 | 1612 | rBV3 | 11221  | 18007   | 1.21%  | 0.176%  |
| 68 | 11.081 | 1612 | 1614 | 1616 | rVB2 | 781    | 498     | 0.03%  | 0.005%  |
| 69 | 11.110 | 1618 | 1619 | 1620 | rBV  | 1222   | 583     | 0.04%  | 0.006%  |
| 70 | 11.157 | 1625 | 1627 | 1630 | rBV  | 710    | 667     | 0.04%  | 0.007%  |
| 71 | 11.181 | 1630 | 1631 | 1636 | rBV  | 529    | 543     | 0.04%  | 0.005%  |
| 72 | 11.316 | 1650 | 1654 | 1655 | rBV2 | 519    | 520     | 0.03%  | 0.005%  |
| 73 | 11.351 | 1656 | 1660 | 1664 | rVV4 | 1156   | 2071    | 0.14%  | 0.020%  |
| 74 | 11.404 | 1664 | 1669 | 1674 | rVB4 | 1700   | 3723    | 0.25%  | 0.036%  |
| 75 | 11.446 | 1674 | 1676 | 1677 | rBV2 | 591    | 471     | 0.03%  | 0.005%  |
| 76 | 11.581 | 1692 | 1699 | 1713 | rVB  | 569803 | 1000205 | 67.06% | 9.782%  |

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Integrator: RTE

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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\_D\Method\SFAMDLM042023SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 11.681 | 1713 | 1716 | 1717 | rBV2 | 1099   | 1275   | 0.09%  | 0.012% |
| 78  | 11.793 | 1733 | 1735 | 1740 | rVB4 | 1164   | 1535   | 0.10%  | 0.015% |
| 79  | 11.881 | 1748 | 1750 | 1753 | rBV2 | 659    | 737    | 0.05%  | 0.007% |
| 80  | 12.045 | 1776 | 1778 | 1779 | rBV2 | 706    | 597    | 0.04%  | 0.006% |
| 81  | 12.134 | 1789 | 1793 | 1797 | rBV3 | 1836   | 3129   | 0.21%  | 0.031% |
| 82  | 12.369 | 1831 | 1833 | 1835 | rBV2 | 597    | 569    | 0.04%  | 0.006% |
| 83  | 12.422 | 1841 | 1842 | 1844 | rBV  | 970    | 727    | 0.05%  | 0.007% |
| 84  | 12.493 | 1850 | 1854 | 1855 | rBV3 | 631    | 660    | 0.04%  | 0.006% |
| 85  | 12.575 | 1861 | 1868 | 1873 | rBV3 | 9104   | 16063  | 1.08%  | 0.157% |
| 86  | 12.651 | 1874 | 1881 | 1890 | rVB  | 243922 | 395218 | 26.50% | 3.865% |
| 87  | 13.110 | 1958 | 1959 | 1962 | rVB2 | 1074   | 721    | 0.05%  | 0.007% |
| 88  | 13.210 | 1974 | 1976 | 1978 | rBV  | 993    | 655    | 0.04%  | 0.006% |
| 89  | 13.269 | 1981 | 1986 | 1987 | rBV2 | 1101   | 1090   | 0.07%  | 0.011% |
| 90  | 13.434 | 2011 | 2014 | 2017 | rBV4 | 3471   | 4973   | 0.33%  | 0.049% |
| 91  | 13.463 | 2017 | 2019 | 2020 | rVV2 | 833    | 511    | 0.03%  | 0.005% |
| 92  | 13.522 | 2021 | 2029 | 2037 | rVV  | 298703 | 479379 | 32.14% | 4.688% |
| 93  | 13.592 | 2039 | 2041 | 2042 | rBV2 | 589    | 439    | 0.03%  | 0.004% |
| 94  | 13.622 | 2042 | 2046 | 2048 | rVB2 | 2275   | 2240   | 0.15%  | 0.022% |
| 95  | 13.816 | 2072 | 2079 | 2087 | rBV  | 252467 | 408148 | 27.37% | 3.992% |
| 96  | 14.051 | 2115 | 2119 | 2125 | rVB2 | 4407   | 7436   | 0.50%  | 0.073% |
| 97  | 14.110 | 2125 | 2129 | 2130 | rBV2 | 504    | 630    | 0.04%  | 0.006% |
| 98  | 14.434 | 2181 | 2184 | 2188 | rBV2 | 765    | 1058   | 0.07%  | 0.010% |
| 99  | 14.881 | 2258 | 2260 | 2263 | rVB2 | 832    | 599    | 0.04%  | 0.006% |
| 100 | 15.416 | 2345 | 2351 | 2355 | rBV4 | 5750   | 9560   | 0.64%  | 0.093% |

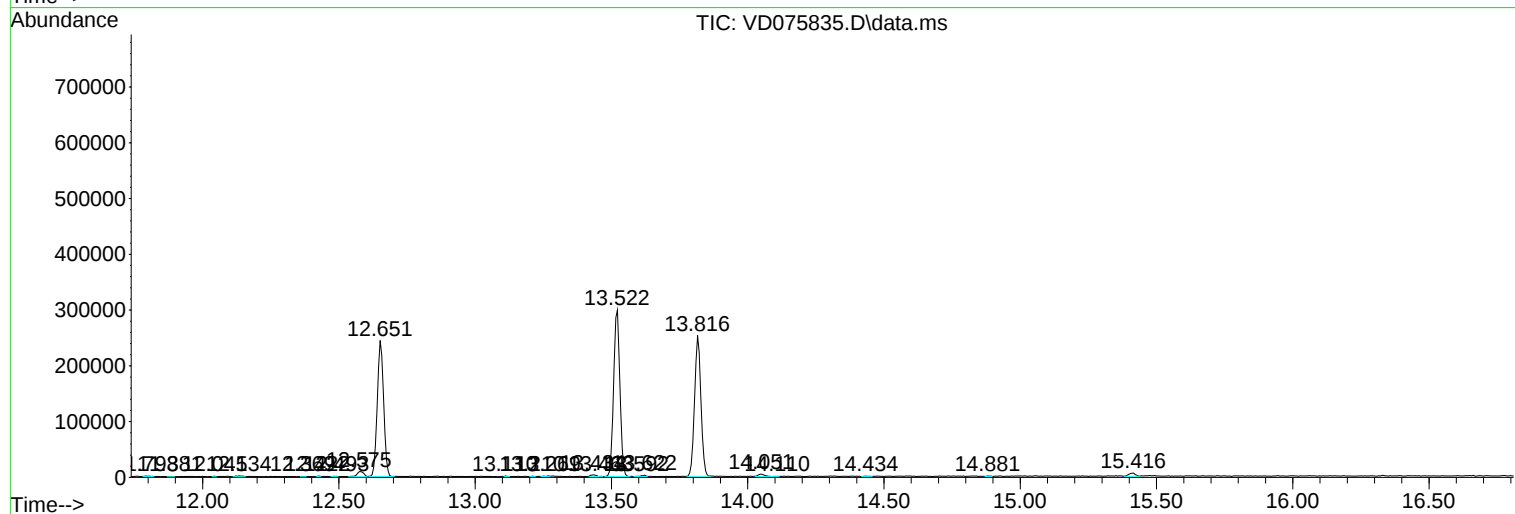
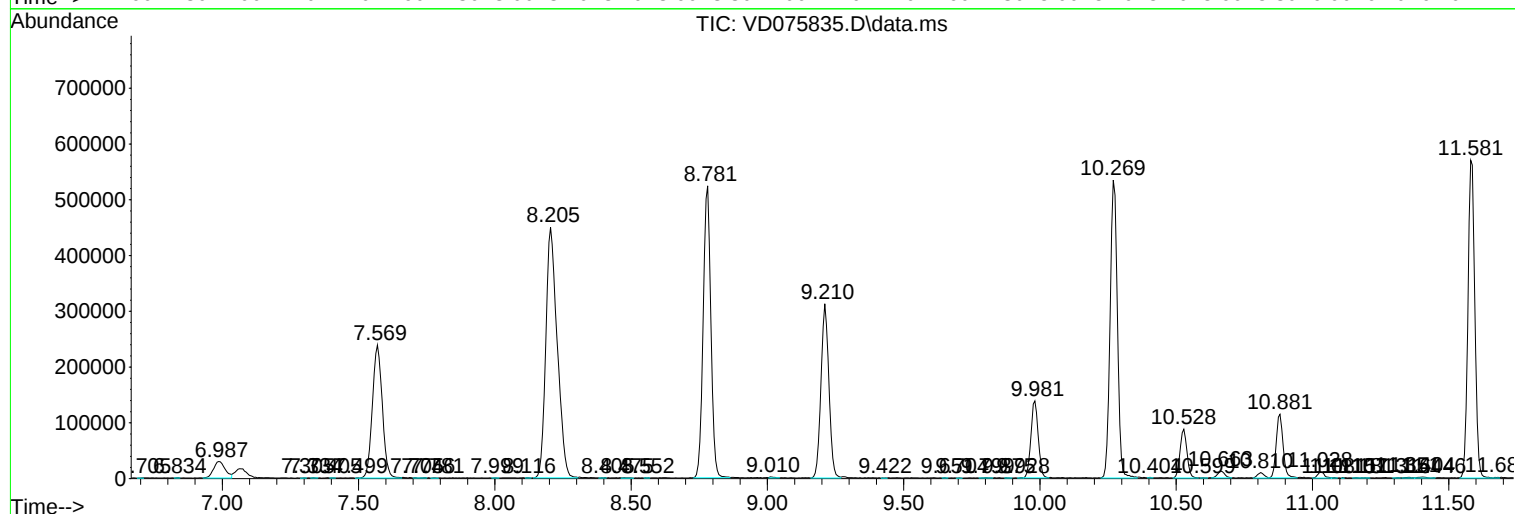
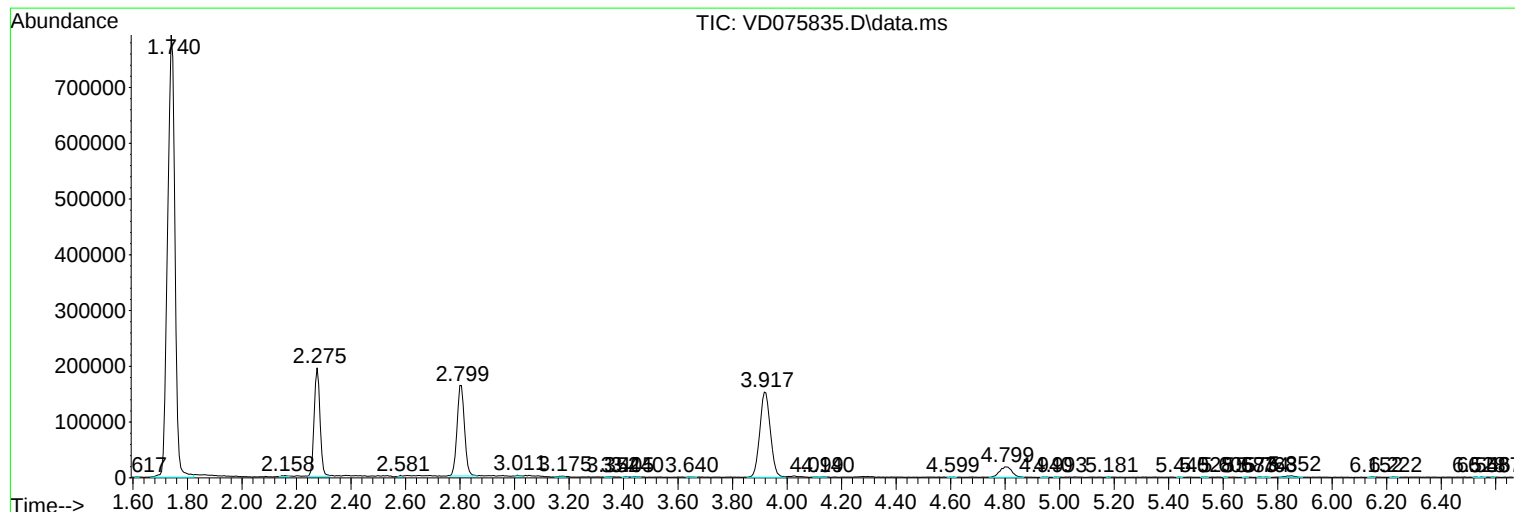
Sum of corrected areas: 10225247

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
Quant Title : SFAM01.0

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 | # | RT | Resp | Conc |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|