

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD030223\  
 Data File : VD075434.D  
 Acq On : 02 Mar 2023 10:35  
 Operator : KP/SY  
 Sample : VD0302SBL01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VBLK103

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\SFAMDLM030123SMA.M  
 Title : SFAM01.0

Signal : TIC: VD075434.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         | 1.740       | 15            | 26          | 38           | rBV      | 719617         | 1515295       | 100.00%         | 18.210%       |
| 2         | 2.275       | 112           | 117         | 124          | rVB      | 152902         | 226430        | 14.94%          | 2.721%        |
| 3         | 2.805       | 201           | 207         | 215          | rVB      | 125057         | 229410        | 15.14%          | 2.757%        |
| 4         | 3.140       | 262           | 264         | 267          | rBV2     | 1474           | 1446          | 0.10%           | 0.017%        |
| 5         | 3.340       | 297           | 298         | 302          | rVB2     | 1015           | 1012          | 0.07%           | 0.012%        |
| 6         | 3.375       | 302           | 304         | 308          | rBV2     | 836            | 922           | 0.06%           | 0.011%        |
| 7         | 3.581       | 337           | 339         | 341          | rBV2     | 773            | 605           | 0.04%           | 0.007%        |
| 8         | 3.652       | 350           | 351         | 354          | rVB2     | 868            | 538           | 0.04%           | 0.006%        |
| 9         | 3.699       | 358           | 359         | 364          | rVV2     | 590            | 746           | 0.05%           | 0.009%        |
| 10        | 3.922       | 387           | 397         | 409          | rBV2     | 116355         | 312238        | 20.61%          | 3.752%        |
| 11        | 4.016       | 411           | 413         | 415          | rBV2     | 1038           | 1045          | 0.07%           | 0.013%        |
| 12        | 4.099       | 423           | 427         | 429          | rBV      | 1120           | 1265          | 0.08%           | 0.015%        |
| 13        | 4.122       | 429           | 431         | 433          | rVV      | 723            | 547           | 0.04%           | 0.007%        |
| 14        | 4.146       | 433           | 435         | 438          | rVB2     | 842            | 774           | 0.05%           | 0.009%        |
| 15        | 4.263       | 454           | 455         | 457          | rBV2     | 1183           | 634           | 0.04%           | 0.008%        |
| 16        | 4.805       | 539           | 547         | 557          | rVB3     | 6858           | 20989         | 1.39%           | 0.252%        |
| 17        | 4.899       | 559           | 563         | 564          | rBV2     | 595            | 638           | 0.04%           | 0.008%        |
| 18        | 5.116       | 598           | 600         | 602          | rVB      | 588            | 546           | 0.04%           | 0.007%        |
| 19        | 5.222       | 617           | 618         | 622          | rBV2     | 983            | 1073          | 0.07%           | 0.013%        |
| 20        | 5.340       | 636           | 638         | 641          | rBV2     | 746            | 789           | 0.05%           | 0.009%        |
| 21        | 5.493       | 663           | 664         | 666          | rBV      | 788            | 602           | 0.04%           | 0.007%        |
| 22        | 5.516       | 666           | 668         | 670          | rVV2     | 693            | 542           | 0.04%           | 0.007%        |
| 23        | 5.834       | 717           | 722         | 724          | rBV5     | 2330           | 3461          | 0.23%           | 0.042%        |
| 24        | 5.910       | 734           | 735         | 739          | rBV2     | 669            | 536           | 0.04%           | 0.006%        |
| 25        | 5.940       | 739           | 740         | 742          | rBV      | 719            | 534           | 0.04%           | 0.006%        |
| 26        | 5.963       | 742           | 744         | 747          | rVB      | 690            | 716           | 0.05%           | 0.009%        |
| 27        | 5.999       | 747           | 750         | 752          | rBV2     | 1122           | 1007          | 0.07%           | 0.012%        |
| 28        | 6.040       | 755           | 757         | 761          | rVB      | 562            | 531           | 0.04%           | 0.006%        |
| 29        | 6.116       | 768           | 770         | 773          | rVB      | 712            | 767           | 0.05%           | 0.009%        |
| 30        | 6.563       | 842           | 846         | 847          | rBV2     | 725            | 812           | 0.05%           | 0.010%        |
| 31        | 6.716       | 871           | 872         | 875          | rBV2     | 555            | 565           | 0.04%           | 0.007%        |
| 32        | 6.987       | 909           | 918         | 924          | rBV2     | 14453          | 42382         | 2.80%           | 0.509%        |
| 33        | 7.251       | 962           | 963         | 965          | rBV2     | 826            | 705           | 0.05%           | 0.008%        |
| 34        | 7.340       | 977           | 978         | 981          | rVB      | 1083           | 711           | 0.05%           | 0.009%        |
| 35        | 7.569       | 1006          | 1017        | 1029         | rVV      | 152566         | 385987        | 25.47%          | 4.639%        |
| 36        | 7.734       | 1041          | 1045        | 1047         | rVB2     | 723            | 972           | 0.06%           | 0.012%        |

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 ClientSampleId :  
 VBLK103

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

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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\SFAMDLM030123SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 7.869  | 1066 | 1068 | 1069 | rBV2 | 706    | 656    | 0.04%  | 0.008%  |
| 38 | 7.910  | 1074 | 1075 | 1078 | rVB  | 915    | 783    | 0.05%  | 0.009%  |
| 39 | 7.940  | 1078 | 1080 | 1083 | rBV2 | 589    | 823    | 0.05%  | 0.010%  |
| 40 | 7.987  | 1086 | 1088 | 1090 | rVB  | 1108   | 569    | 0.04%  | 0.007%  |
| 41 | 8.204  | 1116 | 1125 | 1140 | rVV2 | 321614 | 928914 | 61.30% | 11.163% |
| 42 | 8.322  | 1143 | 1145 | 1149 | rVV2 | 967    | 1022   | 0.07%  | 0.012%  |
| 43 | 8.357  | 1149 | 1151 | 1154 | rVB2 | 808    | 970    | 0.06%  | 0.012%  |
| 44 | 8.404  | 1157 | 1159 | 1160 | rBV  | 1104   | 682    | 0.05%  | 0.008%  |
| 45 | 8.781  | 1212 | 1223 | 1233 | rBV  | 327933 | 674099 | 44.49% | 8.101%  |
| 46 | 8.993  | 1257 | 1259 | 1260 | rBV  | 964    | 564    | 0.04%  | 0.007%  |
| 47 | 9.016  | 1260 | 1263 | 1264 | rBV2 | 852    | 817    | 0.05%  | 0.010%  |
| 48 | 9.210  | 1286 | 1296 | 1305 | rBV  | 191312 | 393576 | 25.97% | 4.730%  |
| 49 | 9.393  | 1325 | 1327 | 1329 | rVB2 | 909    | 664    | 0.04%  | 0.008%  |
| 50 | 9.475  | 1339 | 1341 | 1342 | rBV  | 619    | 622    | 0.04%  | 0.007%  |
| 51 | 9.640  | 1367 | 1369 | 1372 | rVB  | 903    | 746    | 0.05%  | 0.009%  |
| 52 | 9.663  | 1372 | 1373 | 1375 | rBV  | 679    | 641    | 0.04%  | 0.008%  |
| 53 | 9.704  | 1378 | 1380 | 1383 | rBV  | 875    | 1019   | 0.07%  | 0.012%  |
| 54 | 9.928  | 1414 | 1418 | 1420 | rBV2 | 634    | 707    | 0.05%  | 0.008%  |
| 55 | 9.981  | 1420 | 1427 | 1435 | rBV  | 100985 | 185562 | 12.25% | 2.230%  |
| 56 | 10.069 | 1440 | 1442 | 1446 | rBV  | 1326   | 903    | 0.06%  | 0.011%  |
| 57 | 10.269 | 1467 | 1476 | 1486 | rBV  | 408916 | 753442 | 49.72% | 9.055%  |
| 58 | 10.481 | 1510 | 1512 | 1513 | rVB  | 1125   | 540    | 0.04%  | 0.006%  |
| 59 | 10.528 | 1513 | 1520 | 1528 | rBV2 | 61458  | 109831 | 7.25%  | 1.320%  |
| 60 | 10.663 | 1537 | 1543 | 1552 | rBV  | 45468  | 81059  | 5.35%  | 0.974%  |
| 61 | 10.775 | 1559 | 1562 | 1564 | rBV  | 549    | 546    | 0.04%  | 0.007%  |
| 62 | 10.810 | 1564 | 1568 | 1571 | rBV3 | 1743   | 2336   | 0.15%  | 0.028%  |
| 63 | 10.881 | 1574 | 1580 | 1586 | rBV  | 57355  | 98321  | 6.49%  | 1.182%  |
| 64 | 11.034 | 1600 | 1606 | 1612 | rBV  | 14252  | 24016  | 1.58%  | 0.289%  |
| 65 | 11.204 | 1632 | 1635 | 1637 | rBV2 | 843    | 1105   | 0.07%  | 0.013%  |
| 66 | 11.363 | 1659 | 1662 | 1663 | rBV2 | 1532   | 1118   | 0.07%  | 0.013%  |
| 67 | 11.410 | 1664 | 1670 | 1677 | rVB2 | 9384   | 16184  | 1.07%  | 0.194%  |
| 68 | 11.587 | 1692 | 1700 | 1712 | rVB  | 436199 | 762794 | 50.34% | 9.167%  |
| 69 | 11.692 | 1712 | 1718 | 1721 | rBV3 | 1461   | 3174   | 0.21%  | 0.038%  |
| 70 | 11.751 | 1725 | 1728 | 1730 | rBV  | 895    | 851    | 0.06%  | 0.010%  |
| 71 | 11.910 | 1753 | 1755 | 1759 | rVB3 | 548    | 696    | 0.05%  | 0.008%  |
| 72 | 12.004 | 1770 | 1771 | 1773 | rVB  | 1218   | 726    | 0.05%  | 0.009%  |
| 73 | 12.028 | 1773 | 1775 | 1777 | rBV  | 960    | 900    | 0.06%  | 0.011%  |
| 74 | 12.175 | 1798 | 1800 | 1802 | rBV2 | 537    | 626    | 0.04%  | 0.008%  |
| 75 | 12.234 | 1806 | 1810 | 1811 | rBV2 | 804    | 778    | 0.05%  | 0.009%  |
| 76 | 12.428 | 1838 | 1843 | 1849 | rVB4 | 3892   | 6300   | 0.42%  | 0.076%  |

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Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VBLK103

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\SFAMDLM030123SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 12.581 | 1864 | 1869 | 1876 | rBV2 | 21343  | 32448  | 2.14%  | 0.390% |
| 78  | 12.651 | 1876 | 1881 | 1891 | rVB  | 128095 | 218353 | 14.41% | 2.624% |
| 79  | 12.851 | 1912 | 1915 | 1919 | rVV2 | 1180   | 1338   | 0.09%  | 0.016% |
| 80  | 12.886 | 1919 | 1921 | 1922 | rVV  | 714    | 608    | 0.04%  | 0.007% |
| 81  | 12.910 | 1922 | 1925 | 1929 | rVB4 | 2456   | 3781   | 0.25%  | 0.045% |
| 82  | 13.004 | 1939 | 1941 | 1945 | rVB2 | 678    | 730    | 0.05%  | 0.009% |
| 83  | 13.163 | 1964 | 1968 | 1970 | rBV2 | 1372   | 1586   | 0.10%  | 0.019% |
| 84  | 13.210 | 1973 | 1976 | 1983 | rVV4 | 1786   | 3093   | 0.20%  | 0.037% |
| 85  | 13.386 | 2004 | 2006 | 2008 | rBV2 | 539    | 581    | 0.04%  | 0.007% |
| 86  | 13.463 | 2014 | 2019 | 2023 | rBV5 | 4087   | 7356   | 0.49%  | 0.088% |
| 87  | 13.522 | 2023 | 2029 | 2037 | rVV  | 405882 | 664088 | 43.83% | 7.981% |
| 88  | 13.604 | 2041 | 2043 | 2047 | rVV  | 1094   | 979    | 0.06%  | 0.012% |
| 89  | 13.657 | 2051 | 2052 | 2055 | rVB  | 885    | 622    | 0.04%  | 0.007% |
| 90  | 13.733 | 2063 | 2065 | 2066 | rBV2 | 671    | 551    | 0.04%  | 0.007% |
| 91  | 13.822 | 2069 | 2080 | 2087 | rBV  | 314155 | 531979 | 35.11% | 6.393% |
| 92  | 13.875 | 2087 | 2089 | 2091 | rVB  | 1096   | 708    | 0.05%  | 0.009% |
| 93  | 14.051 | 2114 | 2119 | 2126 | rVB3 | 9547   | 14107  | 0.93%  | 0.170% |
| 94  | 14.592 | 2208 | 2211 | 2216 | rVB4 | 2393   | 3740   | 0.25%  | 0.045% |
| 95  | 14.633 | 2216 | 2218 | 2221 | rVB2 | 938    | 834    | 0.06%  | 0.010% |
| 96  | 15.104 | 2293 | 2298 | 2305 | rVB4 | 4902   | 8793   | 0.58%  | 0.106% |
| 97  | 15.380 | 2343 | 2345 | 2346 | rBV  | 1108   | 812    | 0.05%  | 0.010% |
| 98  | 15.410 | 2348 | 2350 | 2356 | rVB4 | 3210   | 5048   | 0.33%  | 0.061% |
| 99  | 15.922 | 2435 | 2437 | 2438 | rBV  | 985    | 720    | 0.05%  | 0.009% |
| 100 | 16.398 | 2516 | 2518 | 2521 | rVB2 | 1174   | 802    | 0.05%  | 0.010% |

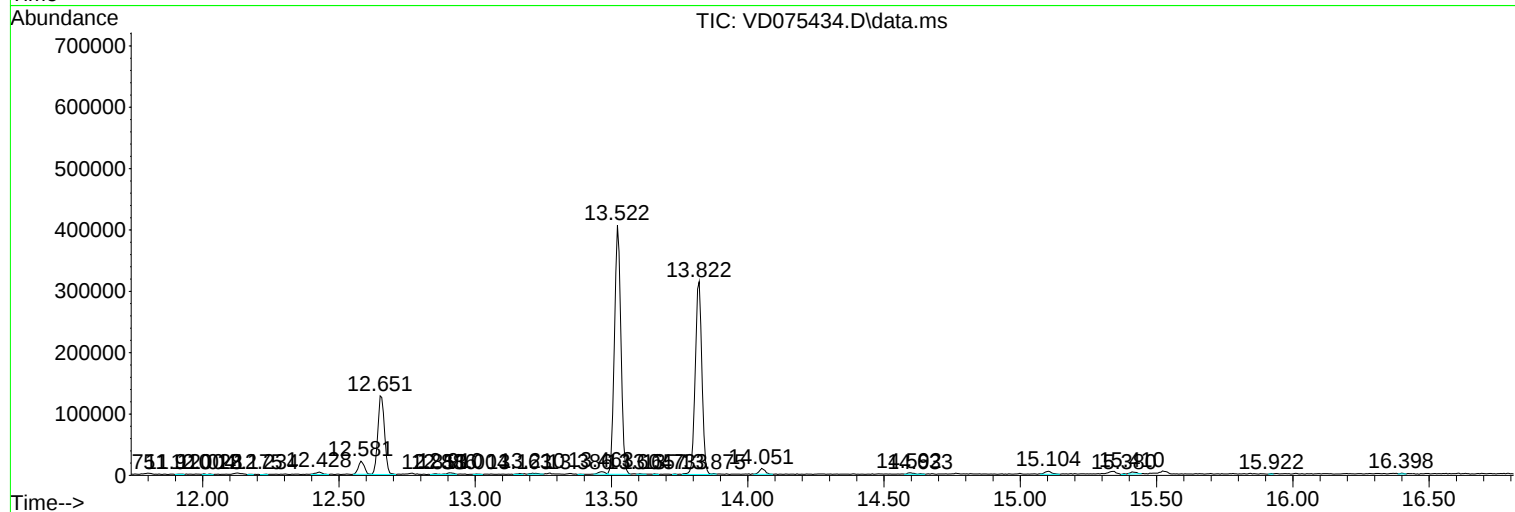
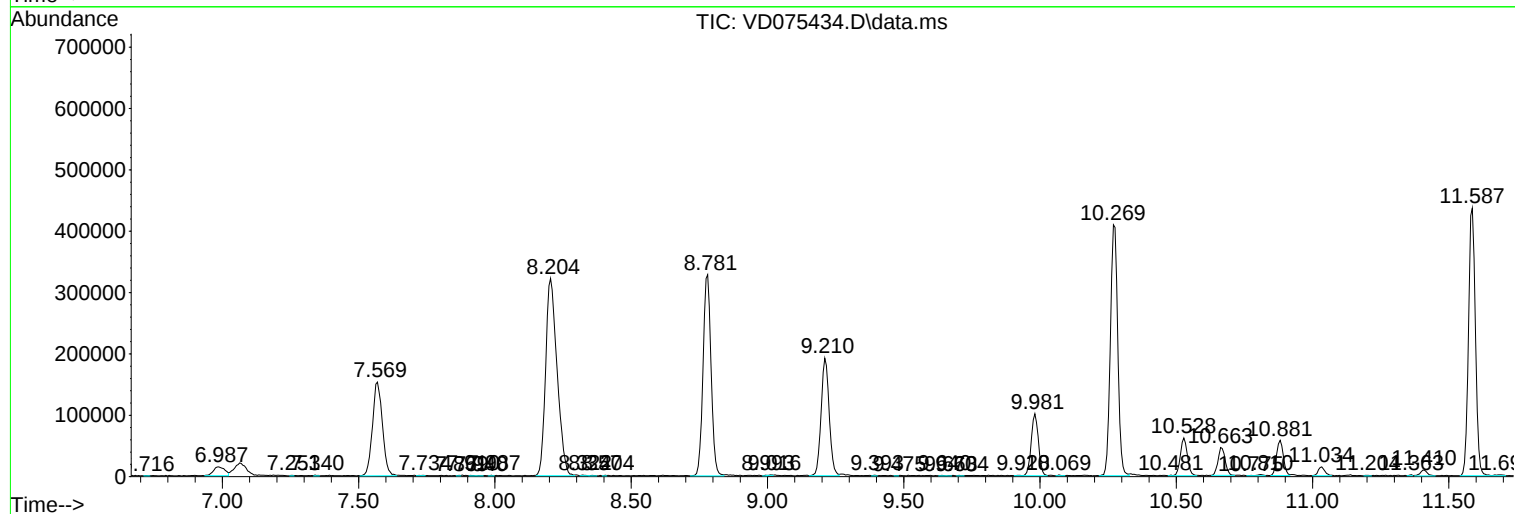
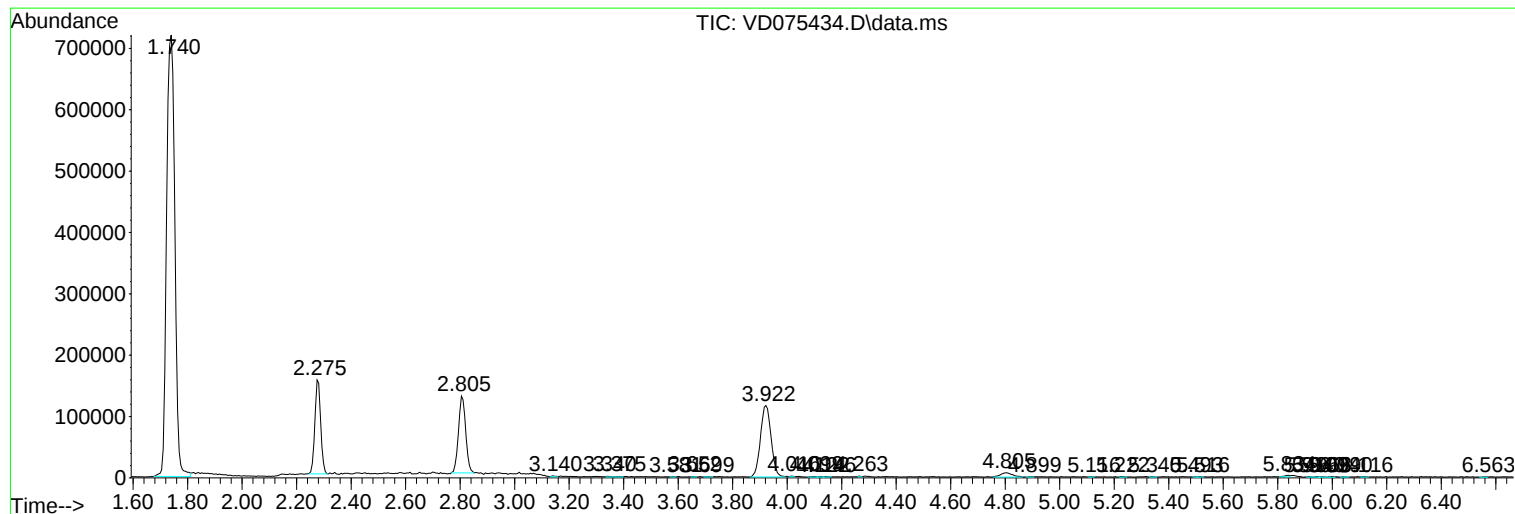
Sum of corrected areas: 8321111

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM030123SMA.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 | --Internal Standard-- |    |      |      |
|------------------|----|---------|-------|----------|-----------------------|----|------|------|
|                  |    |         |       |          | #                     | RT | Resp | Conc |