

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091323\  
 Data File : VW027086.D  
 Acq On : 13 Sep 2023 12:26  
 Operator : SY/MD  
 Sample : 04330-10RE  
 Misc : 5.77g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EZYF6RE

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\_W\Method\SFAMWLM090523SMA.M  
 Title : SFAM01.0

Signal : TIC: VW027086.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         | 2.070       | 28            | 30          | 34           | rVB5     | 1813           | 2520          | 0.14%           | 0.023%        |
| 2         | 2.107       | 34            | 36          | 37           | rBV2     | 1460           | 1484          | 0.08%           | 0.013%        |
| 3         | 2.180       | 46            | 48          | 50           | rBV3     | 2987           | 3280          | 0.18%           | 0.030%        |
| 4         | 2.216       | 50            | 54          | 57           | rBV6     | 7864           | 14027         | 0.76%           | 0.127%        |
| 5         | 2.363       | 72            | 78          | 92           | rBV      | 74271          | 217625        | 11.84%          | 1.966%        |
| 6         | 2.893       | 159           | 165         | 181          | rVB      | 81513          | 238695        | 12.99%          | 2.157%        |
| 7         | 3.381       | 242           | 245         | 255          | rVB10    | 4679           | 11117         | 0.61%           | 0.100%        |
| 8         | 3.521       | 267           | 268         | 273          | rVB5     | 2331           | 1566          | 0.09%           | 0.014%        |
| 9         | 3.576       | 275           | 277         | 282          | rBV6     | 1438           | 2314          | 0.13%           | 0.021%        |
| 10        | 3.643       | 287           | 288         | 292          | rBV4     | 1198           | 1436          | 0.08%           | 0.013%        |
| 11        | 3.771       | 307           | 309         | 312          | rVB4     | 1765           | 1549          | 0.08%           | 0.014%        |
| 12        | 3.844       | 318           | 321         | 324          | rBV5     | 1007           | 1438          | 0.08%           | 0.013%        |
| 13        | 4.021       | 339           | 350         | 363          | rBV2     | 139287         | 496557        | 27.02%          | 4.486%        |
| 14        | 4.387       | 402           | 410         | 422          | rBV      | 26917          | 91535         | 4.98%           | 0.827%        |
| 15        | 4.570       | 437           | 440         | 443          | rVB5     | 1380           | 1558          | 0.08%           | 0.014%        |
| 16        | 4.807       | 474           | 479         | 480          | rVB5     | 1788           | 2679          | 0.15%           | 0.024%        |
| 17        | 4.923       | 485           | 498         | 507          | rBV3     | 19991          | 81095         | 4.41%           | 0.733%        |
| 18        | 5.210       | 541           | 545         | 547          | rBV4     | 1589           | 1937          | 0.11%           | 0.018%        |
| 19        | 5.259       | 551           | 553         | 558          | rBV6     | 1443           | 1905          | 0.10%           | 0.017%        |
| 20        | 5.344       | 562           | 567         | 569          | rBV6     | 1524           | 1873          | 0.10%           | 0.017%        |
| 21        | 5.381       | 571           | 573         | 577          | rBV5     | 2185           | 3430          | 0.19%           | 0.031%        |
| 22        | 5.502       | 589           | 593         | 595          | rVB5     | 2201           | 2874          | 0.16%           | 0.026%        |
| 23        | 5.771       | 634           | 637         | 638          | rBV3     | 1809           | 1874          | 0.10%           | 0.017%        |
| 24        | 5.929       | 658           | 663         | 664          | rBV5     | 5174           | 6905          | 0.38%           | 0.062%        |
| 25        | 5.990       | 671           | 673         | 677          | rVB5     | 1841           | 1541          | 0.08%           | 0.014%        |
| 26        | 6.106       | 688           | 692         | 694          | rBV5     | 1515           | 1891          | 0.10%           | 0.017%        |
| 27        | 6.124       | 694           | 695         | 700          | rVB5     | 2312           | 2533          | 0.14%           | 0.023%        |
| 28        | 6.228       | 706           | 712         | 715          | rBV8     | 2712           | 5033          | 0.27%           | 0.045%        |
| 29        | 6.429       | 743           | 745         | 748          | rVB4     | 2139           | 2618          | 0.14%           | 0.024%        |
| 30        | 6.521       | 756           | 760         | 762          | rBV5     | 1168           | 1404          | 0.08%           | 0.013%        |
| 31        | 6.819       | 806           | 809         | 811          | rBV4     | 2197           | 2877          | 0.16%           | 0.026%        |
| 32        | 6.886       | 817           | 820         | 823          | rBV5     | 1791           | 2049          | 0.11%           | 0.019%        |
| 33        | 6.947       | 828           | 830         | 832          | rBV3     | 2374           | 1820          | 0.10%           | 0.016%        |
| 34        | 6.978       | 832           | 835         | 836          | rBV3     | 2025           | 2058          | 0.11%           | 0.019%        |
| 35        | 7.081       | 843           | 852         | 858          | rBV      | 62730          | 175193        | 9.53%           | 1.583%        |
| 36        | 7.246       | 877           | 879         | 882          | rBV5     | 2402           | 1981          | 0.11%           | 0.018%        |

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 Title : SFAM01.0

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 7.453  | 910  | 913  | 916  | rVB5 | 2048   | 2451    | 0.13%   | 0.022%  |
| 38 | 7.490  | 916  | 919  | 922  | rBV4 | 1561   | 1544    | 0.08%   | 0.014%  |
| 39 | 7.551  | 926  | 929  | 932  | rBV5 | 1661   | 2214    | 0.12%   | 0.020%  |
| 40 | 7.648  | 932  | 945  | 956  | rBV  | 330052 | 830118  | 45.18%  | 7.500%  |
| 41 | 7.880  | 981  | 983  | 985  | rBV3 | 1966   | 1628    | 0.09%   | 0.015%  |
| 42 | 7.935  | 990  | 992  | 994  | rBV3 | 1846   | 2298    | 0.13%   | 0.021%  |
| 43 | 8.008  | 1002 | 1004 | 1006 | rBV3 | 2780   | 2627    | 0.14%   | 0.024%  |
| 44 | 8.081  | 1014 | 1016 | 1019 | rVB4 | 1438   | 1721    | 0.09%   | 0.016%  |
| 45 | 8.106  | 1019 | 1020 | 1023 | rBV3 | 1529   | 1960    | 0.11%   | 0.018%  |
| 46 | 8.173  | 1030 | 1031 | 1034 | rBV3 | 1749   | 1920    | 0.10%   | 0.017%  |
| 47 | 8.209  | 1034 | 1037 | 1038 | rVV3 | 1524   | 1542    | 0.08%   | 0.014%  |
| 48 | 8.276  | 1038 | 1048 | 1066 | rVV2 | 594895 | 1837425 | 100.00% | 16.601% |
| 49 | 8.398  | 1066 | 1068 | 1072 | rVV5 | 1731   | 2522    | 0.14%   | 0.023%  |
| 50 | 8.447  | 1073 | 1076 | 1079 | rVV5 | 1743   | 2452    | 0.13%   | 0.022%  |
| 51 | 8.563  | 1091 | 1095 | 1097 | rBV5 | 2292   | 3400    | 0.19%   | 0.031%  |
| 52 | 8.581  | 1097 | 1098 | 1101 | rVV3 | 2790   | 2395    | 0.13%   | 0.022%  |
| 53 | 8.691  | 1108 | 1116 | 1121 | rBV3 | 3778   | 9513    | 0.52%   | 0.086%  |
| 54 | 8.843  | 1132 | 1141 | 1154 | rBV  | 787590 | 1538464 | 83.73%  | 13.900% |
| 55 | 9.075  | 1173 | 1179 | 1187 | rBV5 | 11169  | 27220   | 1.48%   | 0.246%  |
| 56 | 9.166  | 1191 | 1194 | 1199 | rVB7 | 1950   | 2431    | 0.13%   | 0.022%  |
| 57 | 9.276  | 1203 | 1212 | 1221 | rBV  | 419915 | 870911  | 47.40%  | 7.869%  |
| 58 | 9.459  | 1239 | 1242 | 1244 | rBV4 | 2379   | 1631    | 0.09%   | 0.015%  |
| 59 | 9.544  | 1254 | 1256 | 1258 | rBV3 | 1393   | 1462    | 0.08%   | 0.013%  |
| 60 | 9.660  | 1270 | 1275 | 1279 | rBV6 | 5491   | 10499   | 0.57%   | 0.095%  |
| 61 | 9.800  | 1294 | 1298 | 1300 | rBV5 | 1270   | 1648    | 0.09%   | 0.015%  |
| 62 | 9.904  | 1313 | 1315 | 1318 | rVB4 | 1285   | 1443    | 0.08%   | 0.013%  |
| 63 | 9.959  | 1321 | 1324 | 1327 | rVB5 | 1396   | 1706    | 0.09%   | 0.015%  |
| 64 | 10.032 | 1329 | 1336 | 1346 | rBV  | 174240 | 326666  | 17.78%  | 2.951%  |
| 65 | 10.203 | 1362 | 1364 | 1367 | rVB4 | 1574   | 1786    | 0.10%   | 0.016%  |
| 66 | 10.325 | 1376 | 1384 | 1391 | rVV  | 607291 | 1053755 | 57.35%  | 9.521%  |
| 67 | 10.386 | 1391 | 1394 | 1403 | rVV  | 19358  | 37377   | 2.03%   | 0.338%  |
| 68 | 10.502 | 1407 | 1413 | 1419 | rBV9 | 3912   | 8554    | 0.47%   | 0.077%  |
| 69 | 10.575 | 1419 | 1425 | 1435 | rBV  | 109765 | 196729  | 10.71%  | 1.777%  |
| 70 | 10.703 | 1440 | 1446 | 1449 | rVV4 | 5369   | 9130    | 0.50%   | 0.082%  |
| 71 | 10.855 | 1466 | 1471 | 1473 | rVV6 | 3506   | 5132    | 0.28%   | 0.046%  |
| 72 | 10.922 | 1476 | 1482 | 1495 | rBV  | 151685 | 280676  | 15.28%  | 2.536%  |
| 73 | 11.166 | 1519 | 1522 | 1523 | rBV3 | 1566   | 1657    | 0.09%   | 0.015%  |
| 74 | 11.629 | 1590 | 1598 | 1609 | rBV  | 720584 | 1183874 | 64.43%  | 10.696% |
| 75 | 11.721 | 1611 | 1613 | 1614 | rBV2 | 4202   | 3054    | 0.17%   | 0.028%  |
| 76 | 11.837 | 1628 | 1632 | 1639 | rVB5 | 7886   | 15561   | 0.85%   | 0.141%  |

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 MSVOA\_W  
 ClientSampleId :  
 EZYF6RE

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\_W\Method\SFAMWLM090523SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 12.172 | 1682 | 1687 | 1692 | rVV9 | 4284   | 9479   | 0.52%  | 0.086% |
| 78  | 12.233 | 1694 | 1697 | 1699 | rVV4 | 1796   | 2161   | 0.12%  | 0.020% |
| 79  | 12.343 | 1712 | 1715 | 1718 | rBV5 | 1863   | 3381   | 0.18%  | 0.031% |
| 80  | 12.465 | 1730 | 1735 | 1738 | rBV7 | 3307   | 6207   | 0.34%  | 0.056% |
| 81  | 12.526 | 1743 | 1745 | 1751 | rBV7 | 1642   | 3502   | 0.19%  | 0.032% |
| 82  | 12.605 | 1753 | 1758 | 1763 | rVV6 | 5424   | 10318  | 0.56%  | 0.093% |
| 83  | 12.690 | 1765 | 1772 | 1782 | rVV  | 245088 | 412749 | 22.46% | 3.729% |
| 84  | 12.928 | 1808 | 1811 | 1812 | rBV3 | 3444   | 3366   | 0.18%  | 0.030% |
| 85  | 13.129 | 1843 | 1844 | 1848 | rBV4 | 1676   | 1808   | 0.10%  | 0.016% |
| 86  | 13.190 | 1851 | 1854 | 1859 | rBV7 | 2489   | 5379   | 0.29%  | 0.049% |
| 87  | 13.251 | 1859 | 1864 | 1869 | rBV8 | 5194   | 9667   | 0.53%  | 0.087% |
| 88  | 13.361 | 1880 | 1882 | 1883 | rBV2 | 1735   | 1628   | 0.09%  | 0.015% |
| 89  | 13.464 | 1897 | 1899 | 1902 | rBV3 | 1620   | 2368   | 0.13%  | 0.021% |
| 90  | 13.556 | 1908 | 1914 | 1922 | rBV  | 298987 | 488631 | 26.59% | 4.415% |
| 91  | 13.849 | 1956 | 1962 | 1972 | rVB  | 193001 | 329489 | 17.93% | 2.977% |
| 92  | 14.062 | 1990 | 1997 | 2002 | rBV2 | 11151  | 21456  | 1.17%  | 0.194% |
| 93  | 14.324 | 2036 | 2040 | 2046 | rVB8 | 7079   | 12264  | 0.67%  | 0.111% |
| 94  | 14.495 | 2064 | 2068 | 2071 | rBV6 | 2943   | 5216   | 0.28%  | 0.047% |
| 95  | 14.617 | 2084 | 2088 | 2094 | rBV8 | 5455   | 10851  | 0.59%  | 0.098% |
| 96  | 14.714 | 2101 | 2104 | 2111 | rVB2 | 19055  | 28035  | 1.53%  | 0.253% |
| 97  | 15.482 | 2227 | 2230 | 2236 | rVB  | 7482   | 12107  | 0.66%  | 0.109% |
| 98  | 16.318 | 2364 | 2367 | 2368 | rBV3 | 2561   | 3206   | 0.17%  | 0.029% |
| 99  | 16.574 | 2408 | 2409 | 2412 | rVB3 | 2205   | 1902   | 0.10%  | 0.017% |
| 100 | 16.781 | 2441 | 2443 | 2444 | rBV2 | 2144   | 1631   | 0.09%  | 0.015% |

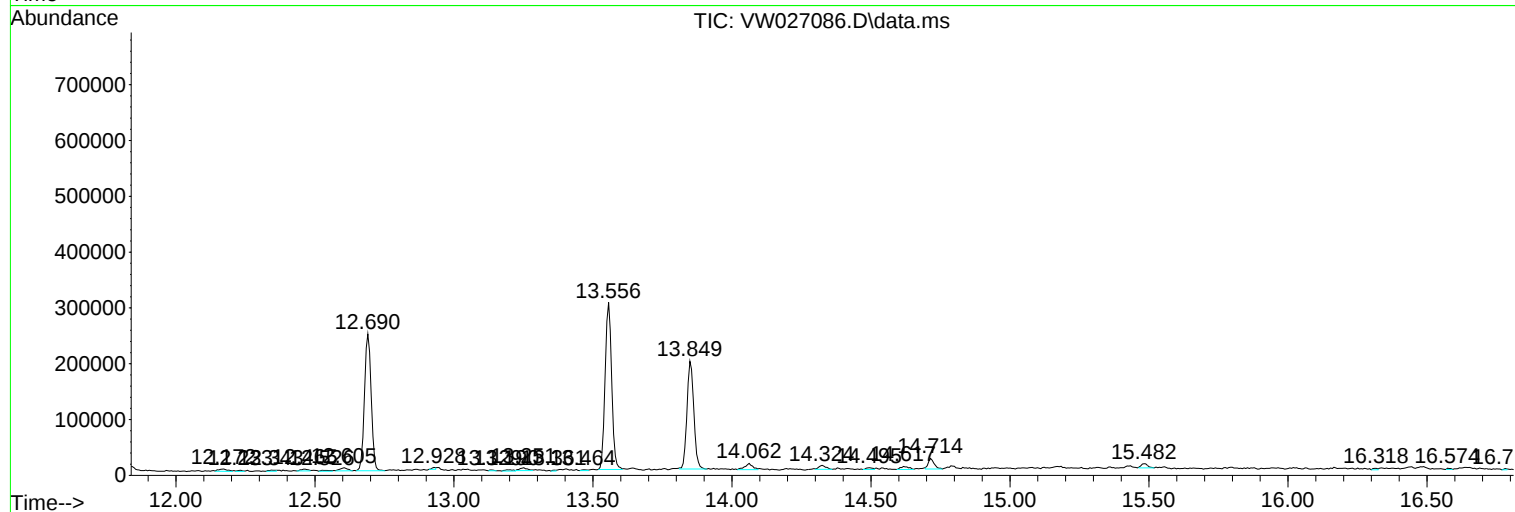
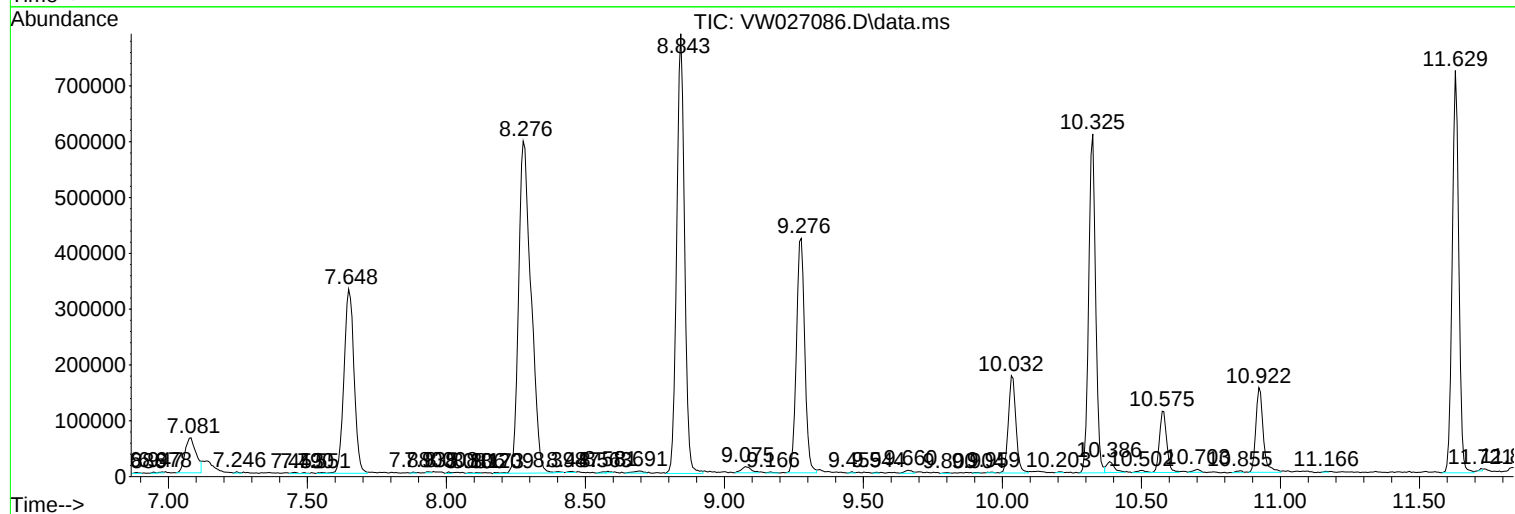
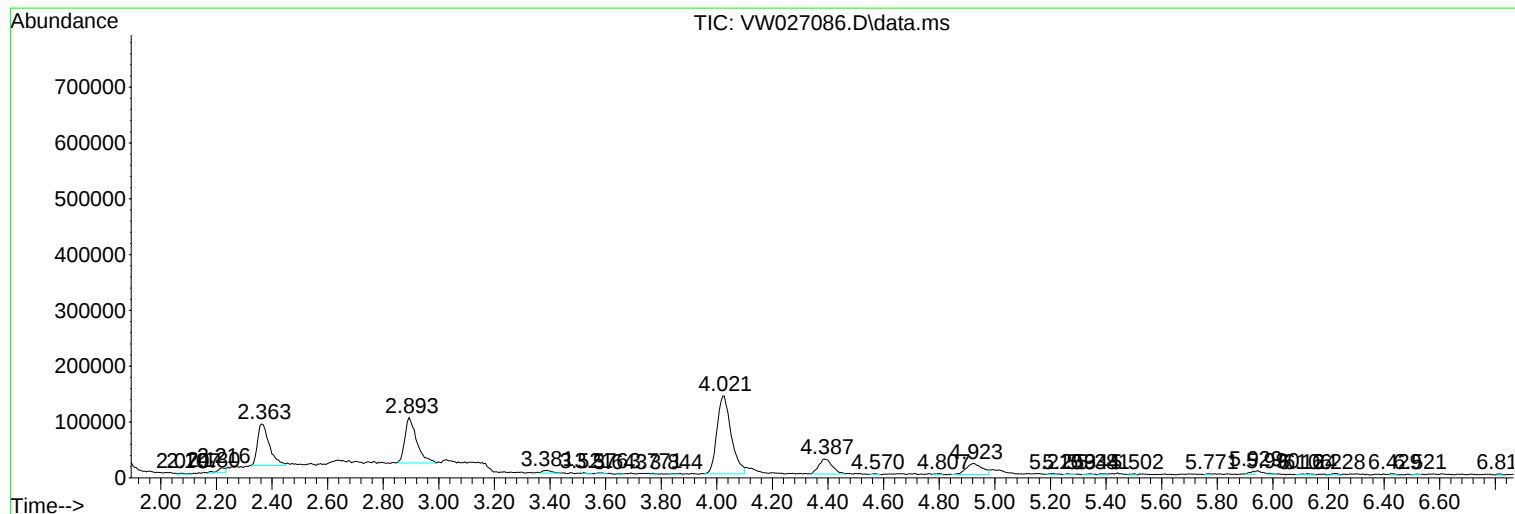
Sum of corrected areas: 11068168

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Instrument :  
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EZYF6RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
Quant Title : SFAM01.0

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



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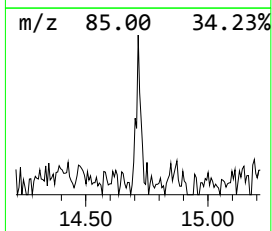
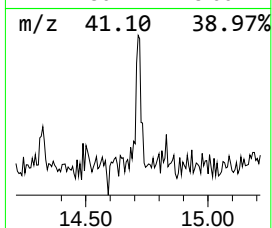
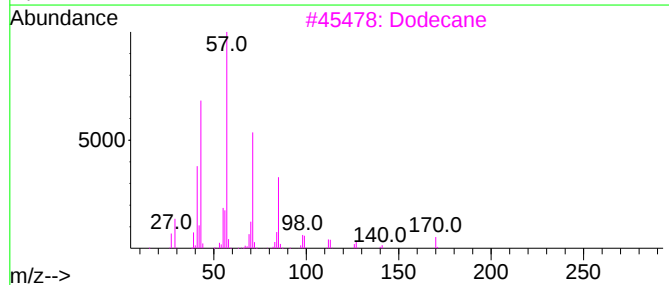
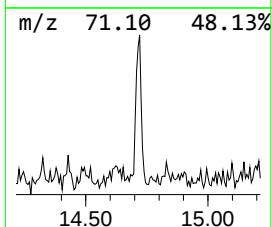
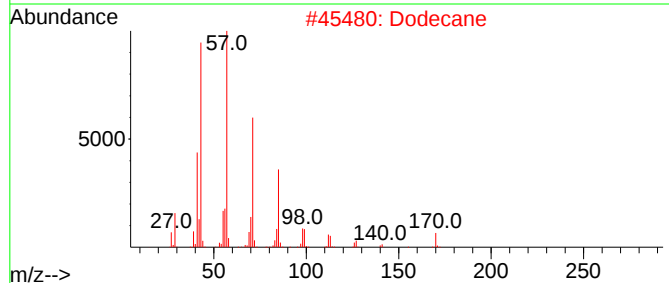
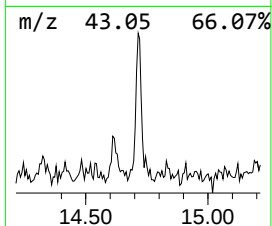
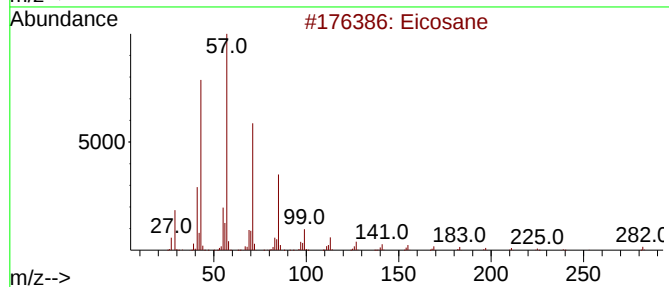
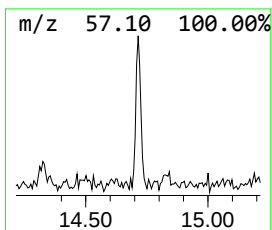
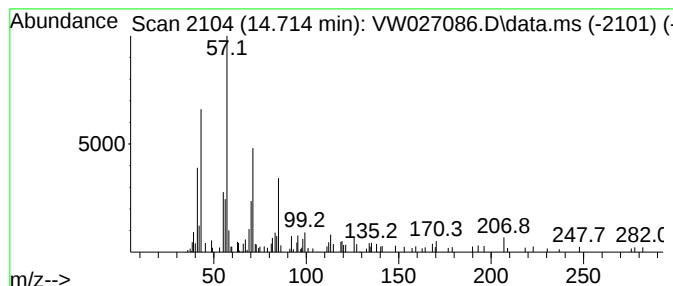
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.714 | 1.43 ug/L | 28035 | 1,4-Dichlorobenzene-d4 | 13.556 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Eicosane     | 282 | C20H42  | 000112-95-8 | 90   |
| 2    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 70   |
| 3    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 70   |
| 4    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 70   |
| 5    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 64   |



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Quant Title : SFAM01.0

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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| (DEL) Alkane: S... | 14.714 | 1.4     | ug/L  | 28035    | 3                     | 13.556 | 488631 | 25.0 |