

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072222\  
 Data File : VW024036.D  
 Acq On : 23 Jul 2022 06:57  
 Operator : SY/VA  
 Sample : N3795-01  
 Misc : 6.50g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBUL9

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\SFAMWLM071322SMA.M  
 Title : SFAM01.0

Signal : TIC: VW024036.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         | 2.343       | 68            | 72          | 84           | rVB      | 107602         | 180791        | 22.00%          | 2.818%        |
| 2         | 2.879       | 155           | 160         | 168          | rVB      | 58950          | 117888        | 14.34%          | 1.838%        |
| 3         | 4.001       | 336           | 344         | 358          | rVB2     | 71232          | 208947        | 25.42%          | 3.257%        |
| 4         | 4.489       | 422           | 424         | 426          | rVB3     | 1394           | 820           | 0.10%           | 0.013%        |
| 5         | 4.580       | 437           | 439         | 441          | rBV3     | 1069           | 640           | 0.08%           | 0.010%        |
| 6         | 4.605       | 441           | 443         | 445          | rBV3     | 1492           | 1066          | 0.13%           | 0.017%        |
| 7         | 4.800       | 474           | 475         | 479          | rVB3     | 1168           | 1190          | 0.14%           | 0.019%        |
| 8         | 4.903       | 486           | 492         | 500          | rVB5     | 4816           | 13558         | 1.65%           | 0.211%        |
| 9         | 5.263       | 549           | 551         | 555          | rBV4     | 741            | 832           | 0.10%           | 0.013%        |
| 10        | 5.342       | 559           | 564         | 566          | rBV6     | 1736           | 2586          | 0.31%           | 0.040%        |
| 11        | 5.647       | 612           | 614         | 618          | rBV6     | 1243           | 1362          | 0.17%           | 0.021%        |
| 12        | 5.678       | 618           | 619         | 620          | rVB      | 721            | 272           | 0.03%           | 0.004%        |
| 13        | 5.921       | 651           | 659         | 671          | rBV5     | 12962          | 41065         | 5.00%           | 0.640%        |
| 14        | 6.141       | 692           | 695         | 697          | rBV4     | 1777           | 1932          | 0.24%           | 0.030%        |
| 15        | 6.501       | 749           | 754         | 758          | rBV7     | 1313           | 2598          | 0.32%           | 0.040%        |
| 16        | 6.665       | 777           | 781         | 783          | rBV4     | 1185           | 1566          | 0.19%           | 0.024%        |
| 17        | 6.690       | 783           | 785         | 788          | rVV4     | 965            | 1167          | 0.14%           | 0.018%        |
| 18        | 6.812       | 803           | 805         | 807          | rBV3     | 562            | 450           | 0.05%           | 0.007%        |
| 19        | 6.872       | 814           | 815         | 817          | rBV2     | 594            | 630           | 0.08%           | 0.010%        |
| 20        | 7.080       | 842           | 849         | 857          | rBV2     | 19863          | 54022         | 6.57%           | 0.842%        |
| 21        | 7.494       | 915           | 917         | 920          | rBV4     | 1304           | 908           | 0.11%           | 0.014%        |
| 22        | 7.641       | 932           | 941         | 953          | rBV      | 156223         | 384525        | 46.79%          | 5.994%        |
| 23        | 7.866       | 976           | 978         | 982          | rVB5     | 1570           | 2055          | 0.25%           | 0.032%        |
| 24        | 7.903       | 982           | 984         | 985          | rBV2     | 1542           | 1194          | 0.15%           | 0.019%        |
| 25        | 8.141       | 1021          | 1023        | 1032         | rVB10    | 1908           | 3821          | 0.46%           | 0.060%        |
| 26        | 8.275       | 1035          | 1045        | 1061         | rBV2     | 270779         | 821886        | 100.00%         | 12.811%       |
| 27        | 8.836       | 1130          | 1137        | 1148         | rBV      | 327901         | 649343        | 79.01%          | 10.122%       |
| 28        | 8.957       | 1155          | 1157        | 1160         | rBV4     | 1641           | 1526          | 0.19%           | 0.024%        |
| 29        | 9.189       | 1193          | 1195        | 1198         | rVB4     | 1350           | 1054          | 0.13%           | 0.016%        |
| 30        | 9.268       | 1200          | 1208        | 1225         | rVB      | 201901         | 417893        | 50.85%          | 6.514%        |
| 31        | 9.482       | 1241          | 1243        | 1246         | rBV4     | 937            | 1212          | 0.15%           | 0.019%        |
| 32        | 9.573       | 1256          | 1258        | 1260         | rBV3     | 1028           | 838           | 0.10%           | 0.013%        |
| 33        | 9.732       | 1282          | 1284        | 1287         | rBV4     | 963            | 824           | 0.10%           | 0.013%        |
| 34        | 9.793       | 1292          | 1294        | 1296         | rBV2     | 982            | 836           | 0.10%           | 0.013%        |
| 35        | 10.030      | 1326          | 1333        | 1344         | rBV      | 88884          | 168054        | 20.45%          | 2.620%        |
| 36        | 10.189      | 1357          | 1359        | 1361         | rBV2     | 872            | 664           | 0.08%           | 0.010%        |

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Integrator: RTE

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Filtering: 5

Sampling : 1

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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\SFAMWLM071322SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 10.323 | 1373 | 1381 | 1388 | rBV  | 385722 | 681920 | 82.97% | 10.629% |
| 38 | 10.573 | 1416 | 1422 | 1434 | rVB2 | 59924  | 106238 | 12.93% | 1.656%  |
| 39 | 10.701 | 1441 | 1443 | 1448 | rVB5 | 1781   | 2677   | 0.33%  | 0.042%  |
| 40 | 10.756 | 1450 | 1452 | 1455 | rVB4 | 1183   | 991    | 0.12%  | 0.015%  |
| 41 | 10.921 | 1473 | 1479 | 1487 | rBV  | 81036  | 148452 | 18.06% | 2.314%  |
| 42 | 11.164 | 1517 | 1519 | 1526 | rVV6 | 1820   | 2103   | 0.26%  | 0.033%  |
| 43 | 11.244 | 1530 | 1532 | 1535 | rVB4 | 1912   | 1597   | 0.19%  | 0.025%  |
| 44 | 11.268 | 1535 | 1536 | 1537 | rBV  | 981    | 531    | 0.06%  | 0.008%  |
| 45 | 11.323 | 1543 | 1545 | 1547 | rBV3 | 593    | 517    | 0.06%  | 0.008%  |
| 46 | 11.347 | 1547 | 1549 | 1551 | rVB3 | 1639   | 1475   | 0.18%  | 0.023%  |
| 47 | 11.390 | 1555 | 1556 | 1558 | rBV2 | 1061   | 867    | 0.11%  | 0.014%  |
| 48 | 11.451 | 1564 | 1566 | 1568 | rBV2 | 1275   | 1151   | 0.14%  | 0.018%  |
| 49 | 11.512 | 1574 | 1576 | 1578 | rBV3 | 1132   | 894    | 0.11%  | 0.014%  |
| 50 | 11.542 | 1578 | 1581 | 1582 | rBV3 | 1189   | 858    | 0.10%  | 0.013%  |
| 51 | 11.628 | 1587 | 1595 | 1605 | rBV  | 480341 | 806787 | 98.16% | 12.576% |
| 52 | 11.744 | 1612 | 1614 | 1618 | rVB5 | 1356   | 1019   | 0.12%  | 0.016%  |
| 53 | 12.042 | 1661 | 1663 | 1665 | rBV3 | 1054   | 808    | 0.10%  | 0.013%  |
| 54 | 12.091 | 1670 | 1671 | 1672 | rBV  | 1010   | 619    | 0.08%  | 0.010%  |
| 55 | 12.176 | 1676 | 1685 | 1688 | rBV9 | 2349   | 6438   | 0.78%  | 0.100%  |
| 56 | 12.298 | 1703 | 1705 | 1708 | rBV3 | 1422   | 1669   | 0.20%  | 0.026%  |
| 57 | 12.329 | 1708 | 1710 | 1715 | rVB6 | 1048   | 1838   | 0.22%  | 0.029%  |
| 58 | 12.542 | 1741 | 1745 | 1746 | rBV3 | 1845   | 1762   | 0.21%  | 0.027%  |
| 59 | 12.688 | 1763 | 1769 | 1777 | rVB  | 156941 | 262430 | 31.93% | 4.091%  |
| 60 | 13.018 | 1822 | 1823 | 1824 | rBV  | 1085   | 756    | 0.09%  | 0.012%  |
| 61 | 13.195 | 1848 | 1852 | 1853 | rBV4 | 1131   | 1701   | 0.21%  | 0.027%  |
| 62 | 13.353 | 1875 | 1878 | 1880 | rBV4 | 1043   | 1521   | 0.19%  | 0.024%  |
| 63 | 13.426 | 1889 | 1890 | 1891 | rBV  | 991    | 476    | 0.06%  | 0.007%  |
| 64 | 13.469 | 1894 | 1897 | 1899 | rBV3 | 1102   | 1415   | 0.17%  | 0.022%  |
| 65 | 13.554 | 1904 | 1911 | 1919 | rVV  | 435265 | 676599 | 82.32% | 10.547% |
| 66 | 13.847 | 1953 | 1959 | 1972 | rVB  | 336173 | 564566 | 68.69% | 8.800%  |
| 67 | 14.548 | 2072 | 2074 | 2076 | rVB3 | 824    | 489    | 0.06%  | 0.008%  |
| 68 | 14.591 | 2079 | 2081 | 2082 | rBV2 | 597    | 270    | 0.03%  | 0.004%  |
| 69 | 14.621 | 2082 | 2086 | 2091 | rVB8 | 1661   | 2984   | 0.36%  | 0.047%  |
| 70 | 14.658 | 2091 | 2092 | 2093 | rVB  | 546    | 200    | 0.02%  | 0.003%  |
| 71 | 14.713 | 2097 | 2101 | 2108 | rVB9 | 2520   | 5172   | 0.63%  | 0.081%  |
| 72 | 14.773 | 2108 | 2111 | 2112 | rBV2 | 1920   | 1891   | 0.23%  | 0.029%  |
| 73 | 14.853 | 2122 | 2124 | 2126 | rVB2 | 1241   | 1146   | 0.14%  | 0.018%  |
| 74 | 14.889 | 2126 | 2130 | 2133 | rBV6 | 2079   | 3545   | 0.43%  | 0.055%  |
| 75 | 14.962 | 2140 | 2142 | 2143 | rVB2 | 1121   | 719    | 0.09%  | 0.011%  |
| 76 | 14.981 | 2143 | 2145 | 2147 | rBV3 | 747    | 832    | 0.10%  | 0.013%  |

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 MSVOA\_W  
 ClientSampleId :  
 DBUL9

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\SFAMWLM071322SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 77 | 15.121 | 2164 | 2168 | 2174 | rVB8 | 2009 | 4033 | 0.49% | 0.063% |
| 78 | 15.176 | 2175 | 2177 | 2178 | rBV2 | 1212 | 675  | 0.08% | 0.011% |
| 79 | 15.249 | 2185 | 2189 | 2191 | rBV5 | 1584 | 1903 | 0.23% | 0.030% |
| 80 | 15.322 | 2200 | 2201 | 2202 | rVB  | 725  | 265  | 0.03% | 0.004% |
| 81 | 15.353 | 2202 | 2206 | 2207 | rBV4 | 1807 | 2118 | 0.26% | 0.033% |
| 82 | 15.395 | 2211 | 2213 | 2215 | rBV3 | 716  | 760  | 0.09% | 0.012% |
| 83 | 15.523 | 2232 | 2234 | 2235 | rBV2 | 1289 | 1218 | 0.15% | 0.019% |
| 84 | 15.548 | 2236 | 2238 | 2239 | rVV2 | 1987 | 1415 | 0.17% | 0.022% |
| 85 | 15.603 | 2244 | 2247 | 2249 | rVB3 | 1113 | 1319 | 0.16% | 0.021% |
| 86 | 15.749 | 2267 | 2271 | 2276 | rVB7 | 996  | 2043 | 0.25% | 0.032% |
| 87 | 15.798 | 2276 | 2279 | 2282 | rBV4 | 835  | 1332 | 0.16% | 0.021% |
| 88 | 15.822 | 2282 | 2283 | 2285 | rBV  | 977  | 832  | 0.10% | 0.013% |
| 89 | 15.907 | 2295 | 2297 | 2301 | rBV4 | 880  | 1261 | 0.15% | 0.020% |
| 90 | 15.938 | 2301 | 2302 | 2305 | rBV3 | 849  | 683  | 0.08% | 0.011% |
| 91 | 15.962 | 2305 | 2306 | 2310 | rBV3 | 1065 | 1357 | 0.17% | 0.021% |
| 92 | 16.103 | 2327 | 2329 | 2334 | rBV5 | 1319 | 2082 | 0.25% | 0.032% |
| 93 | 16.328 | 2362 | 2366 | 2367 | rBV3 | 1212 | 1252 | 0.15% | 0.020% |
| 94 | 16.371 | 2371 | 2373 | 2377 | rBV4 | 1147 | 1540 | 0.19% | 0.024% |
| 95 | 16.456 | 2385 | 2387 | 2388 | rBV2 | 997  | 855  | 0.10% | 0.013% |
| 96 | 16.779 | 2438 | 2440 | 2441 | rBV2 | 936  | 504  | 0.06% | 0.008% |

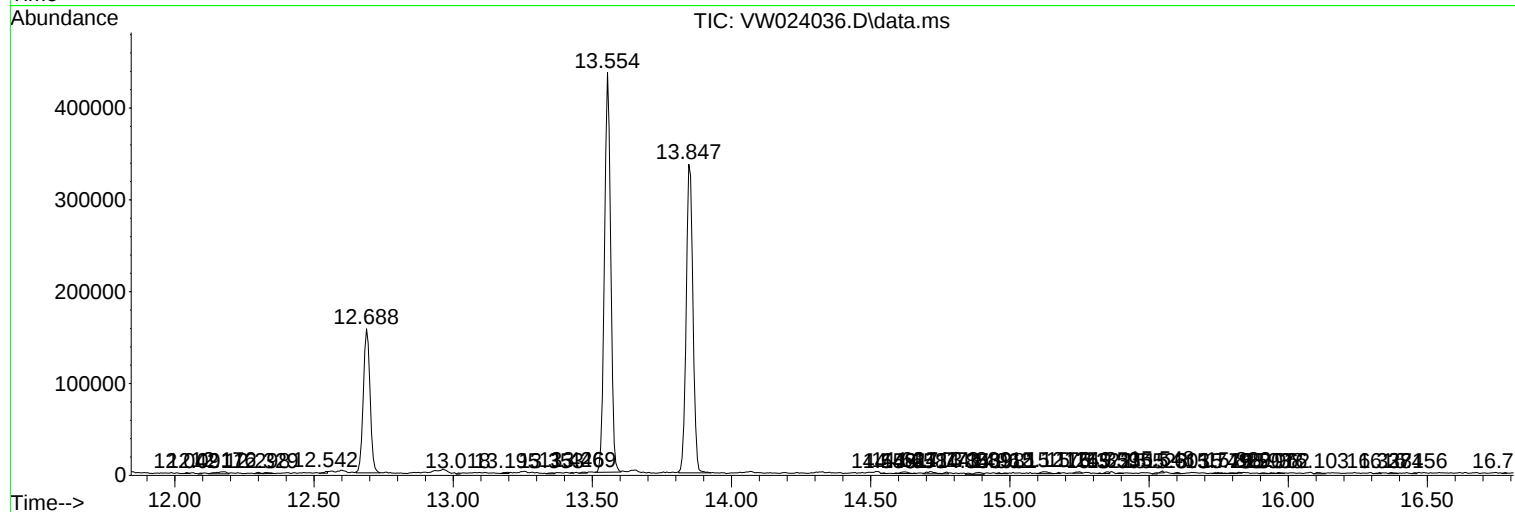
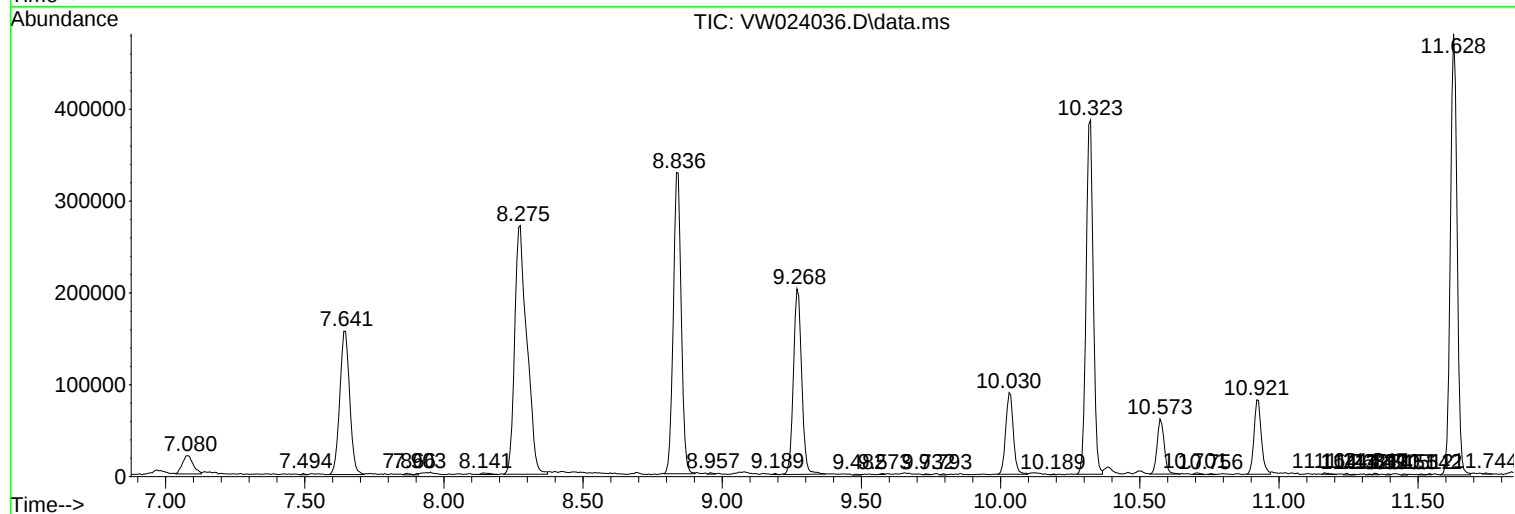
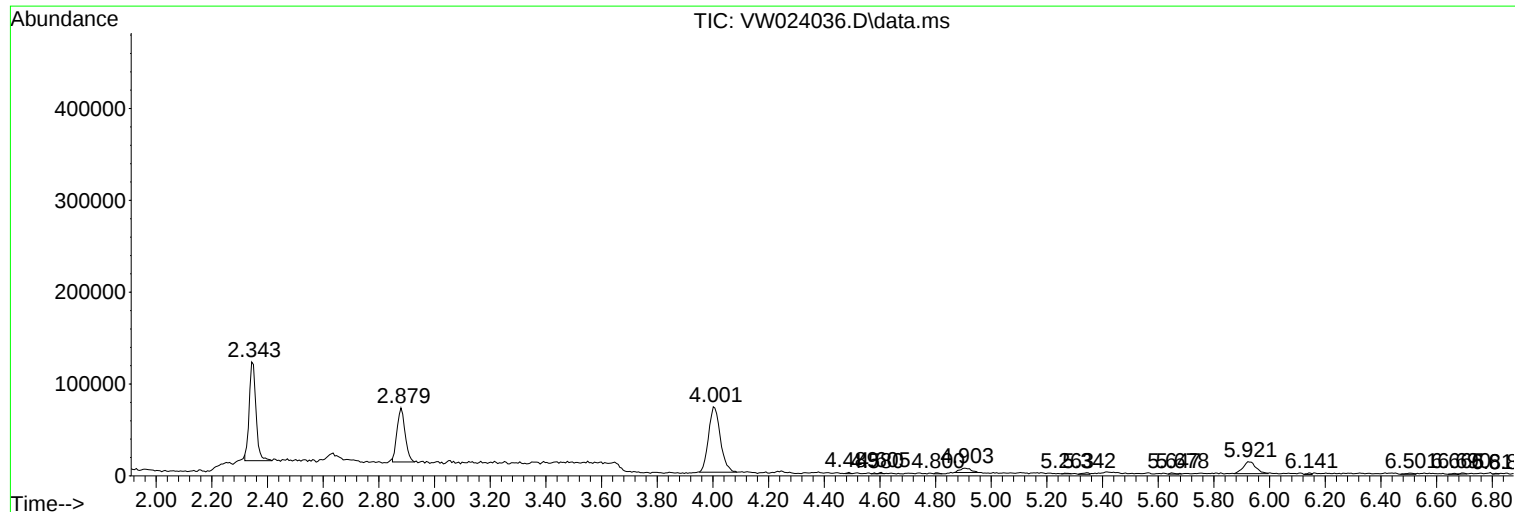
Sum of corrected areas: 6415385

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Instrument :  
MSVOA\_W  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072222\  
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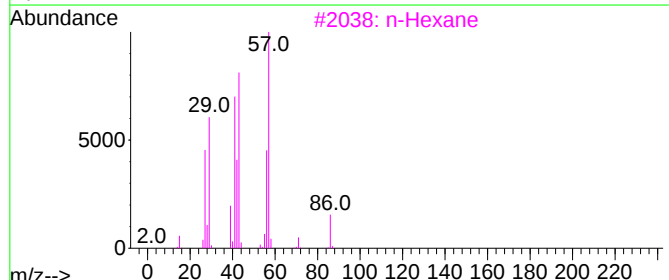
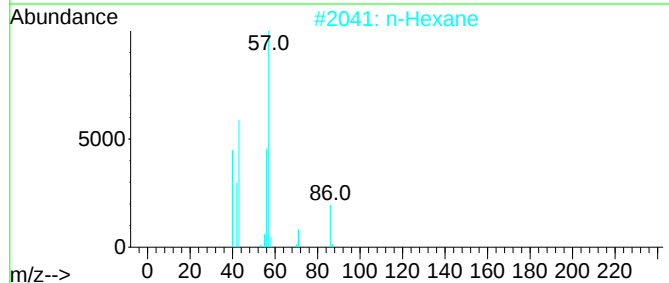
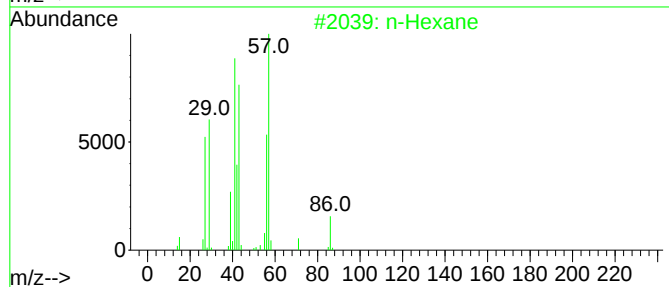
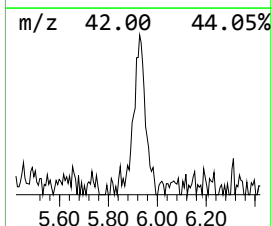
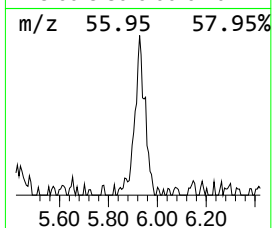
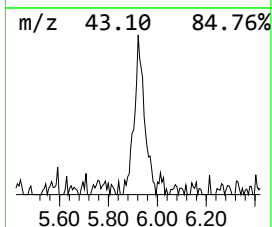
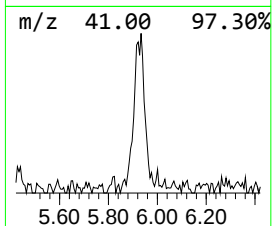
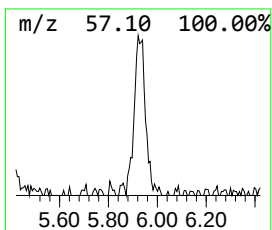
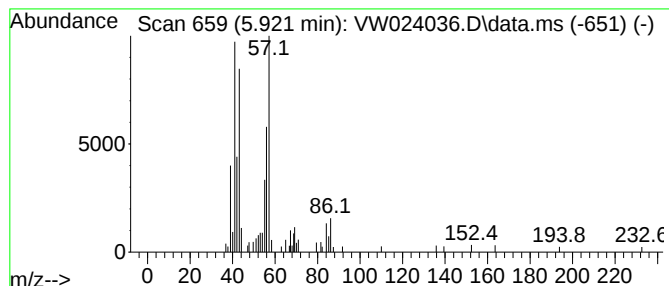
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 5.921 | 1.58 ug/L | 41065 | 1,4-Difluorobenzene | 8.842 |

| Hit# | of        | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|-----------|---|--------------|----|---------|-------------|------|
| 1    | n-Hexane  |   |              | 86 | C6H14   | 000110-54-3 | 58   |
| 2    | n-Hexane  |   |              | 86 | C6H14   | 000110-54-3 | 50   |
| 3    | n-Hexane  |   |              | 86 | C6H14   | 000110-54-3 | 49   |
| 4    | n-Hexane  |   |              | 86 | C6H14   | 000110-54-3 | 49   |
| 5    | Azetidine |   |              | 57 | C3H7N   | 000503-29-7 | 46   |



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Quant Title : SFAM01.0

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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: S... | 5.921 | 1.6     | ug/L  | 41065    | 1                     | 8.842 | 649343 | 25.0 |