

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061324\  
 Data File : VW029135.D  
 Acq On : 13 Jun 2024 19:18  
 Operator : SY/MD  
 Sample : P2870-08  
 Misc : 5.84g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AA9

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\SFAMWLM060324SMA.M  
 Title : SFAM01.0

Signal : TIC: VW029135.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         | 2.363       | 73            | 78          | 91           | rVB      | 77850          | 189022        | 11.71%          | 1.938%        |
| 2         | 2.899       | 160           | 166         | 182          | rVB2     | 71203          | 208073        | 12.89%          | 2.133%        |
| 3         | 3.923       | 332           | 334         | 336          | rBV3     | 579            | 434           | 0.03%           | 0.004%        |
| 4         | 4.021       | 340           | 350         | 367          | rBV      | 147785         | 501085        | 31.05%          | 5.137%        |
| 5         | 4.381       | 400           | 409         | 415          | rBV3     | 4169           | 12239         | 0.76%           | 0.125%        |
| 6         | 4.917       | 486           | 497         | 525          | rVB      | 48652          | 201091        | 12.46%          | 2.062%        |
| 7         | 5.301       | 557           | 560         | 562          | rVB4     | 708            | 810           | 0.05%           | 0.008%        |
| 8         | 5.338       | 562           | 566         | 567          | rBV4     | 1291           | 1570          | 0.10%           | 0.016%        |
| 9         | 5.399       | 574           | 576         | 578          | rBV3     | 662            | 490           | 0.03%           | 0.005%        |
| 10        | 5.539       | 597           | 599         | 601          | rBV2     | 637            | 597           | 0.04%           | 0.006%        |
| 11        | 5.600       | 606           | 609         | 610          | rBV3     | 949            | 985           | 0.06%           | 0.010%        |
| 12        | 5.636       | 613           | 615         | 618          | rBV3     | 361            | 458           | 0.03%           | 0.005%        |
| 13        | 5.661       | 618           | 619         | 622          | rVB3     | 1011           | 655           | 0.04%           | 0.007%        |
| 14        | 5.941       | 655           | 665         | 677          | rBV3     | 21139          | 65875         | 4.08%           | 0.675%        |
| 15        | 6.045       | 680           | 682         | 684          | rBV2     | 673            | 422           | 0.03%           | 0.004%        |
| 16        | 6.173       | 701           | 703         | 706          | rVB4     | 1147           | 1129          | 0.07%           | 0.012%        |
| 17        | 6.203       | 706           | 708         | 709          | rBV2     | 486            | 441           | 0.03%           | 0.005%        |
| 18        | 6.344       | 728           | 731         | 732          | rVB2     | 802            | 750           | 0.05%           | 0.008%        |
| 19        | 6.386       | 734           | 738         | 739          | rBV4     | 936            | 910           | 0.06%           | 0.009%        |
| 20        | 6.447       | 746           | 748         | 751          | rBV4     | 1201           | 1310          | 0.08%           | 0.013%        |
| 21        | 6.514       | 755           | 759         | 760          | rBV4     | 816            | 1008          | 0.06%           | 0.010%        |
| 22        | 6.563       | 764           | 767         | 769          | rBV3     | 747            | 700           | 0.04%           | 0.007%        |
| 23        | 6.655       | 781           | 782         | 786          | rVB4     | 975            | 809           | 0.05%           | 0.008%        |
| 24        | 6.685       | 786           | 787         | 791          | rVB3     | 472            | 387           | 0.02%           | 0.004%        |
| 25        | 6.722       | 791           | 793         | 794          | rBV      | 1068           | 753           | 0.05%           | 0.008%        |
| 26        | 6.819       | 805           | 809         | 811          | rVB4     | 673            | 780           | 0.05%           | 0.008%        |
| 27        | 6.880       | 817           | 819         | 821          | rBV2     | 622            | 778           | 0.05%           | 0.008%        |
| 28        | 6.917       | 823           | 825         | 826          | rBV2     | 746            | 514           | 0.03%           | 0.005%        |
| 29        | 7.075       | 843           | 851         | 859          | rBV      | 34465          | 104252        | 6.46%           | 1.069%        |
| 30        | 7.441       | 906           | 911         | 913          | rBV6     | 964            | 1643          | 0.10%           | 0.017%        |
| 31        | 7.551       | 926           | 929         | 930          | rBV3     | 781            | 767           | 0.05%           | 0.008%        |
| 32        | 7.648       | 935           | 945         | 958          | rVB      | 285861         | 702815        | 43.55%          | 7.205%        |
| 33        | 8.045       | 1008          | 1010        | 1011         | rBV2     | 536            | 455           | 0.03%           | 0.005%        |
| 34        | 8.118       | 1019          | 1022        | 1026         | rBV6     | 817            | 1312          | 0.08%           | 0.013%        |
| 35        | 8.203       | 1034          | 1036        | 1037         | rBV2     | 1127           | 651           | 0.04%           | 0.007%        |
| 36        | 8.276       | 1037          | 1048        | 1063         | rVV2     | 549241         | 1613871       | 100.00%         | 16.546%       |

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 ClientSampleId :  
 C0AA9

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\SFAMWLM060324SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 37 | 8.587  | 1096 | 1099 | 1102 | rBV5 | 1654   | 2175    | 0.13%  | 0.022%  |
| 38 | 8.697  | 1114 | 1117 | 1120 | rBV5 | 1066   | 1895    | 0.12%  | 0.019%  |
| 39 | 8.843  | 1129 | 1141 | 1150 | rBV  | 496283 | 999873  | 61.95% | 10.251% |
| 40 | 9.270  | 1203 | 1211 | 1222 | rBV  | 377447 | 777101  | 48.15% | 7.967%  |
| 41 | 9.642  | 1270 | 1272 | 1273 | rBV  | 838    | 567     | 0.04%  | 0.006%  |
| 42 | 9.666  | 1273 | 1276 | 1284 | rVB8 | 1771   | 3394    | 0.21%  | 0.035%  |
| 43 | 9.727  | 1284 | 1286 | 1288 | rBV3 | 817    | 653     | 0.04%  | 0.007%  |
| 44 | 9.843  | 1301 | 1305 | 1306 | rBV3 | 420    | 496     | 0.03%  | 0.005%  |
| 45 | 9.861  | 1306 | 1308 | 1310 | rVV2 | 965    | 582     | 0.04%  | 0.006%  |
| 46 | 9.983  | 1325 | 1328 | 1329 | rBV2 | 861    | 984     | 0.06%  | 0.010%  |
| 47 | 10.032 | 1329 | 1336 | 1345 | rBV  | 152906 | 277002  | 17.16% | 2.840%  |
| 48 | 10.197 | 1361 | 1363 | 1364 | rBV  | 936    | 657     | 0.04%  | 0.007%  |
| 49 | 10.318 | 1375 | 1383 | 1392 | rBV  | 648193 | 1151852 | 71.37% | 11.809% |
| 50 | 10.575 | 1418 | 1425 | 1434 | rBV  | 100005 | 173292  | 10.74% | 1.777%  |
| 51 | 10.703 | 1440 | 1446 | 1451 | rVV3 | 5696   | 10656   | 0.66%  | 0.109%  |
| 52 | 10.745 | 1451 | 1453 | 1457 | rVB5 | 884    | 1006    | 0.06%  | 0.010%  |
| 53 | 10.843 | 1468 | 1469 | 1472 | rBV2 | 676    | 570     | 0.04%  | 0.006%  |
| 54 | 10.867 | 1472 | 1473 | 1475 | rBV2 | 684    | 425     | 0.03%  | 0.004%  |
| 55 | 10.922 | 1475 | 1482 | 1494 | rBV  | 104057 | 188231  | 11.66% | 1.930%  |
| 56 | 11.263 | 1535 | 1538 | 1539 | rBV3 | 659    | 515     | 0.03%  | 0.005%  |
| 57 | 11.410 | 1559 | 1562 | 1563 | rBV3 | 1310   | 1176    | 0.07%  | 0.012%  |
| 58 | 11.629 | 1590 | 1598 | 1608 | rBV  | 581216 | 969482  | 60.07% | 9.939%  |
| 59 | 11.830 | 1626 | 1631 | 1637 | rVB4 | 3235   | 6641    | 0.41%  | 0.068%  |
| 60 | 11.971 | 1653 | 1654 | 1659 | rBV5 | 860    | 1131    | 0.07%  | 0.012%  |
| 61 | 12.007 | 1659 | 1660 | 1662 | rVB2 | 697    | 449     | 0.03%  | 0.005%  |
| 62 | 12.086 | 1671 | 1673 | 1677 | rVB4 | 593    | 828     | 0.05%  | 0.008%  |
| 63 | 12.154 | 1681 | 1684 | 1686 | rBV3 | 1106   | 1356    | 0.08%  | 0.014%  |
| 64 | 12.446 | 1730 | 1732 | 1733 | rBV2 | 706    | 547     | 0.03%  | 0.006%  |
| 65 | 12.599 | 1752 | 1757 | 1763 | rBV2 | 6432   | 10870   | 0.67%  | 0.111%  |
| 66 | 12.690 | 1765 | 1772 | 1786 | rVB  | 215321 | 365286  | 22.63% | 3.745%  |
| 67 | 12.788 | 1786 | 1788 | 1790 | rBV3 | 1076   | 946     | 0.06%  | 0.010%  |
| 68 | 12.885 | 1796 | 1804 | 1805 | rBV7 | 1238   | 2034    | 0.13%  | 0.021%  |
| 69 | 13.007 | 1823 | 1824 | 1825 | rVV  | 999    | 379     | 0.02%  | 0.004%  |
| 70 | 13.031 | 1825 | 1828 | 1833 | rVB5 | 1271   | 1813    | 0.11%  | 0.019%  |
| 71 | 13.135 | 1843 | 1845 | 1846 | rBV2 | 537    | 365     | 0.02%  | 0.004%  |
| 72 | 13.153 | 1846 | 1848 | 1851 | rVB4 | 1444   | 1880    | 0.12%  | 0.019%  |
| 73 | 13.208 | 1851 | 1857 | 1865 | rBV8 | 4709   | 10348   | 0.64%  | 0.106%  |
| 74 | 13.470 | 1898 | 1900 | 1902 | rBV3 | 582    | 571     | 0.04%  | 0.006%  |
| 75 | 13.556 | 1906 | 1914 | 1925 | rBV  | 357661 | 572476  | 35.47% | 5.869%  |
| 76 | 13.848 | 1955 | 1962 | 1973 | rBV  | 336369 | 543662  | 33.69% | 5.574%  |

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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AA9

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\SFAMWLM060324SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |      |       |       |        |
|-----|--------|------|------|------|------|------|-------|-------|--------|
| 77  | 14.062 | 1992 | 1997 | 2007 | rVB  | 8199 | 15199 | 0.94% | 0.156% |
| 78  | 14.129 | 2007 | 2008 | 2011 | rVB3 | 740  | 691   | 0.04% | 0.007% |
| 79  | 14.184 | 2015 | 2017 | 2018 | rBV2 | 1097 | 860   | 0.05% | 0.009% |
| 80  | 14.324 | 2034 | 2040 | 2045 | rBV7 | 2011 | 5127  | 0.32% | 0.053% |
| 81  | 14.495 | 2066 | 2068 | 2073 | rBV5 | 1113 | 1613  | 0.10% | 0.017% |
| 82  | 14.598 | 2084 | 2085 | 2087 | rBV2 | 452  | 365   | 0.02% | 0.004% |
| 83  | 14.714 | 2099 | 2104 | 2108 | rBV5 | 2100 | 3576  | 0.22% | 0.037% |
| 84  | 14.940 | 2140 | 2141 | 2144 | rBV3 | 770  | 613   | 0.04% | 0.006% |
| 85  | 15.043 | 2156 | 2158 | 2161 | rVB4 | 661  | 560   | 0.03% | 0.006% |
| 86  | 15.281 | 2195 | 2197 | 2200 | rVB4 | 1044 | 822   | 0.05% | 0.008% |
| 87  | 15.324 | 2200 | 2204 | 2206 | rBV4 | 685  | 862   | 0.05% | 0.009% |
| 88  | 15.427 | 2217 | 2221 | 2225 | rVB4 | 4802 | 8157  | 0.51% | 0.084% |
| 89  | 15.482 | 2225 | 2230 | 2235 | rBV5 | 1758 | 2848  | 0.18% | 0.029% |
| 90  | 15.574 | 2243 | 2245 | 2248 | rBV4 | 766  | 977   | 0.06% | 0.010% |
| 91  | 15.683 | 2259 | 2263 | 2265 | rBV5 | 978  | 1305  | 0.08% | 0.013% |
| 92  | 15.738 | 2269 | 2272 | 2273 | rBV3 | 1253 | 1088  | 0.07% | 0.011% |
| 93  | 15.927 | 2302 | 2303 | 2305 | rBV2 | 653  | 636   | 0.04% | 0.007% |
| 94  | 15.994 | 2313 | 2314 | 2316 | rBV2 | 772  | 678   | 0.04% | 0.007% |
| 95  | 16.110 | 2331 | 2333 | 2334 | rBV2 | 768  | 458   | 0.03% | 0.005% |
| 96  | 16.195 | 2346 | 2347 | 2348 | rBV  | 732  | 450   | 0.03% | 0.005% |
| 97  | 16.275 | 2358 | 2360 | 2363 | rBV4 | 585  | 866   | 0.05% | 0.009% |
| 98  | 16.311 | 2364 | 2366 | 2368 | rVV2 | 913  | 720   | 0.04% | 0.007% |
| 99  | 16.464 | 2390 | 2391 | 2394 | rVB3 | 943  | 710   | 0.04% | 0.007% |
| 100 | 16.586 | 2408 | 2411 | 2412 | rBV2 | 962  | 786   | 0.05% | 0.008% |

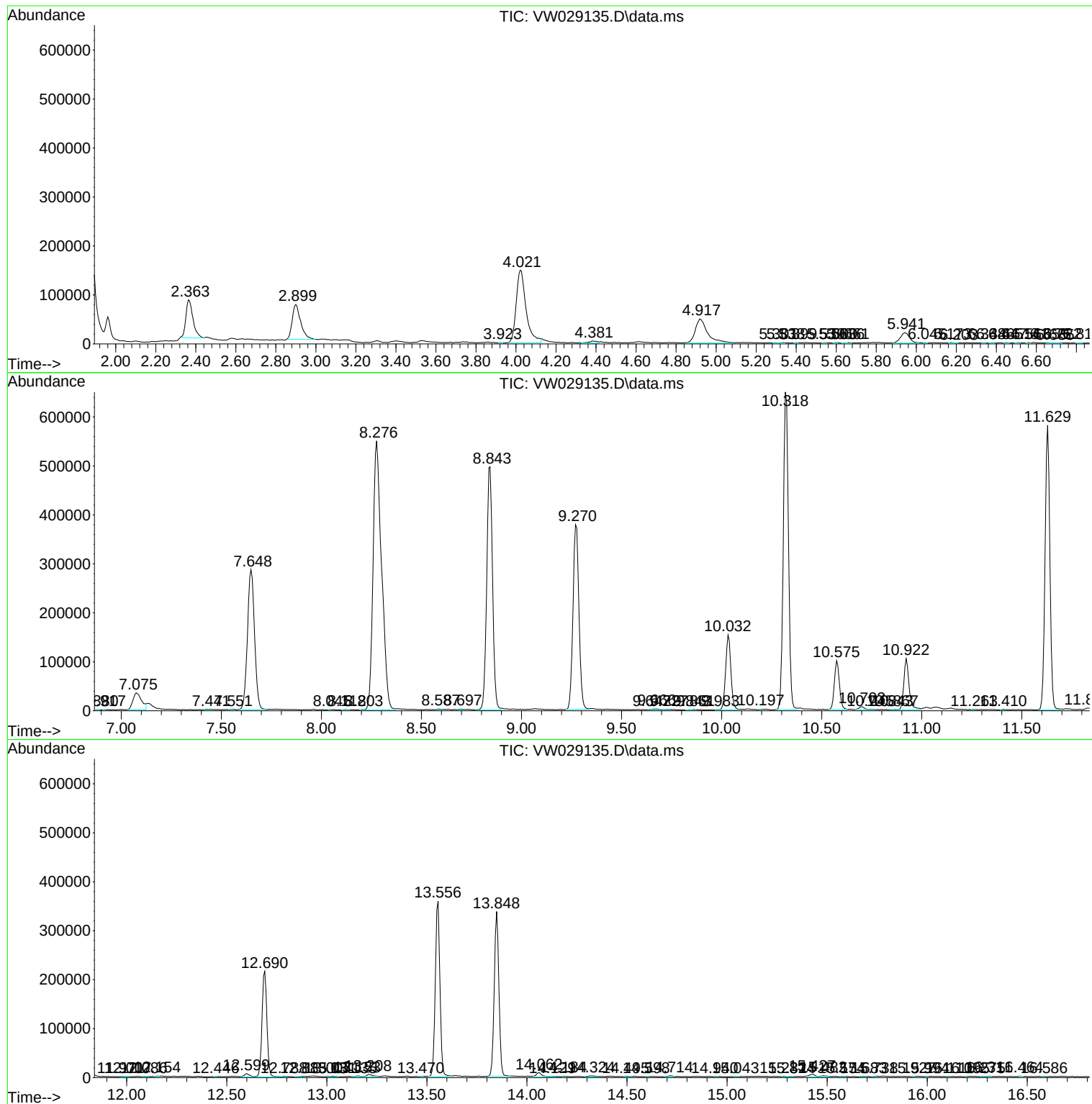
Sum of corrected areas: 9753974

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061324\  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060324SMA.M  
Quant Title : SFAM01.0

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



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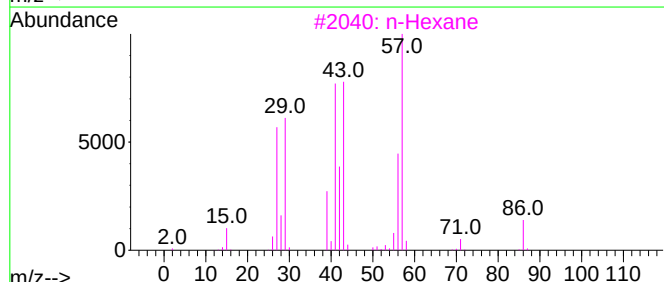
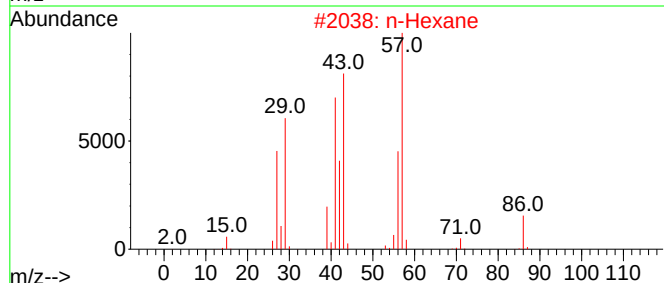
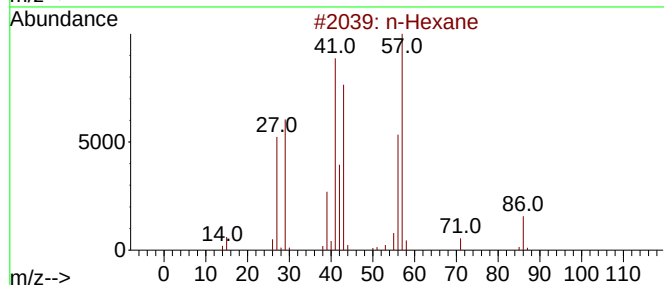
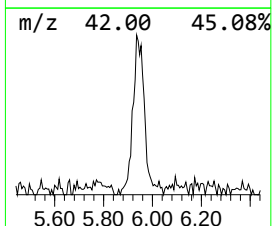
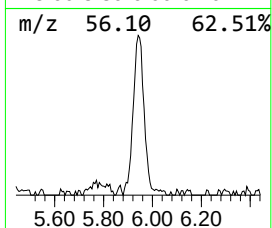
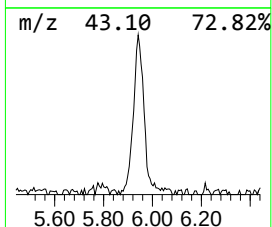
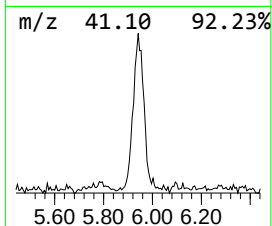
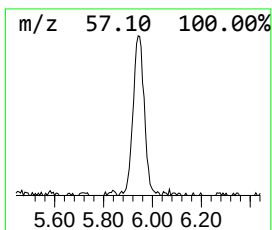
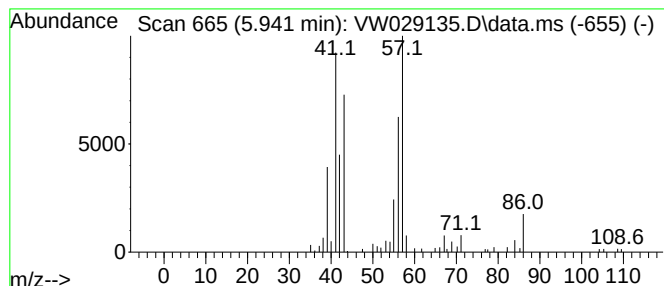
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060324SMA.M  
Quant Title : SFAM01.0

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

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

| R.T.      | EstConc                 | Area  | Relative to ISTD    | R.T.         |      |
|-----------|-------------------------|-------|---------------------|--------------|------|
| 5.941     | 1.65 ug/L               | 65875 | 1,4-Difluorobenzene | 8.843        |      |
| Hit# of 5 | Tentative ID            | MW    | MolForm             | CAS#         | Qual |
| 1         | n-Hexane                | 86    | C6H14               | 000110-54-3  | 62   |
| 2         | n-Hexane                | 86    | C6H14               | 000110-54-3  | 58   |
| 3         | n-Hexane                | 86    | C6H14               | 000110-54-3  | 58   |
| 4         | 2-Ethyl-oxetane         | 86    | C5H10O              | 1010386-40-2 | 53   |
| 5         | 3-Buten-1-ol, 3-methyl- | 86    | C5H10O              | 000763-32-6  | 49   |



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Quant Title : SFAM01.0

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

| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: S... | 5.941 | 1.6     | ug/L  | 65875    | 1                     | 8.843 | 999873 | 25.0 |