

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW013025\  
 Data File : VW031658.D  
 Acq On : 30 Jan 2025 15:45  
 Operator : SY/MD  
 Sample : Q1189-18  
 Misc : 11.93g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A44R9

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011025SMA.M  
 Title : SFAM01.0

Signal : TIC: VW031658.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         | 2.161       | 39            | 45          | 46           | rBV3     | 3242           | 4239          | 0.17%           | 0.021%        |
| 2         | 2.363       | 71            | 78          | 96           | rBV      | 96026          | 259424        | 10.52%          | 1.307%        |
| 3         | 2.893       | 158           | 165         | 184          | rBV      | 82666          | 254174        | 10.30%          | 1.281%        |
| 4         | 3.387       | 241           | 246         | 252          | rVB4     | 3540           | 6624          | 0.27%           | 0.033%        |
| 5         | 3.685       | 291           | 295         | 301          | rBV7     | 1157           | 3192          | 0.13%           | 0.016%        |
| 6         | 3.844       | 319           | 321         | 326          | rVB4     | 644            | 659           | 0.03%           | 0.003%        |
| 7         | 3.905       | 326           | 331         | 337          | rVB4     | 939            | 1870          | 0.08%           | 0.009%        |
| 8         | 4.015       | 337           | 349         | 365          | rBV      | 215628         | 729212        | 29.56%          | 3.674%        |
| 9         | 4.155       | 367           | 372         | 391          | rVB      | 30826          | 105805        | 4.29%           | 0.533%        |
| 10        | 4.356       | 402           | 405         | 408          | rVB5     | 631            | 806           | 0.03%           | 0.004%        |
| 11        | 4.819       | 479           | 481         | 483          | rBV3     | 515            | 502           | 0.02%           | 0.003%        |
| 12        | 4.844       | 483           | 485         | 490          | rBV3     | 375            | 728           | 0.03%           | 0.004%        |
| 13        | 4.911       | 490           | 496         | 498          | rBV3     | 1945           | 3678          | 0.15%           | 0.019%        |
| 14        | 5.240       | 548           | 550         | 553          | rBV3     | 629            | 695           | 0.03%           | 0.004%        |
| 15        | 5.319       | 561           | 563         | 566          | rVB2     | 853            | 611           | 0.02%           | 0.003%        |
| 16        | 5.508       | 591           | 594         | 596          | rVB2     | 477            | 593           | 0.02%           | 0.003%        |
| 17        | 5.557       | 596           | 602         | 603          | rBV      | 661            | 1197          | 0.05%           | 0.006%        |
| 18        | 5.612       | 608           | 611         | 614          | rBV2     | 429            | 600           | 0.02%           | 0.003%        |
| 19        | 5.734       | 629           | 631         | 633          | rBV      | 590            | 538           | 0.02%           | 0.003%        |
| 20        | 5.789       | 633           | 640         | 652          | rBV3     | 2279           | 7486          | 0.30%           | 0.038%        |
| 21        | 5.935       | 658           | 664         | 675          | rVB7     | 1819           | 6503          | 0.26%           | 0.033%        |
| 22        | 6.106       | 690           | 692         | 695          | rBV3     | 757            | 1034          | 0.04%           | 0.005%        |
| 23        | 6.252       | 714           | 716         | 720          | rVB      | 556            | 609           | 0.02%           | 0.003%        |
| 24        | 6.465       | 748           | 751         | 754          | rBV2     | 461            | 567           | 0.02%           | 0.003%        |
| 25        | 6.569       | 765           | 768         | 771          | rVB3     | 488            | 607           | 0.02%           | 0.003%        |
| 26        | 6.636       | 777           | 779         | 782          | rVB2     | 588            | 693           | 0.03%           | 0.003%        |
| 27        | 6.685       | 782           | 787         | 788          | rBV3     | 595            | 890           | 0.04%           | 0.004%        |
| 28        | 6.752       | 795           | 798         | 800          | rBV2     | 585            | 627           | 0.03%           | 0.003%        |
| 29        | 6.904       | 815           | 823         | 833          | rBV4     | 5602           | 17878         | 0.72%           | 0.090%        |
| 30        | 7.087       | 844           | 853         | 878          | rBV      | 79964          | 292625        | 11.86%          | 1.474%        |
| 31        | 7.545       | 923           | 928         | 930          | rVV3     | 1382           | 2234          | 0.09%           | 0.011%        |
| 32        | 7.648       | 933           | 945         | 959          | rVV      | 408009         | 1006943       | 40.82%          | 5.073%        |
| 33        | 7.770       | 963           | 965         | 969          | rVB4     | 789            | 788           | 0.03%           | 0.004%        |
| 34        | 7.855       | 977           | 979         | 981          | rVB3     | 898            | 770           | 0.03%           | 0.004%        |
| 35        | 7.874       | 981           | 982         | 983          | rBV      | 893            | 594           | 0.02%           | 0.003%        |
| 36        | 7.916       | 986           | 989         | 990          | rBV2     | 728            | 847           | 0.03%           | 0.004%        |

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 ClientSampleId :  
 A44R9

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011025SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 8.051  | 1009 | 1011 | 1013 | rVB3 | 800     | 705     | 0.03%   | 0.004%  |
| 38 | 8.081  | 1013 | 1016 | 1021 | rVB4 | 555     | 606     | 0.02%   | 0.003%  |
| 39 | 8.148  | 1025 | 1027 | 1030 | rVB3 | 439     | 573     | 0.02%   | 0.003%  |
| 40 | 8.172  | 1030 | 1031 | 1034 | rVB2 | 688     | 669     | 0.03%   | 0.003%  |
| 41 | 8.270  | 1036 | 1047 | 1064 | rBV2 | 813093  | 2466568 | 100.00% | 12.426% |
| 42 | 8.453  | 1073 | 1077 | 1081 | rVB5 | 879     | 1262    | 0.05%   | 0.006%  |
| 43 | 8.496  | 1081 | 1084 | 1085 | rBV2 | 618     | 553     | 0.02%   | 0.003%  |
| 44 | 8.557  | 1085 | 1094 | 1101 | rVB6 | 3231    | 8348    | 0.34%   | 0.042%  |
| 45 | 8.709  | 1109 | 1119 | 1128 | rVB2 | 8004    | 20251   | 0.82%   | 0.102%  |
| 46 | 8.837  | 1131 | 1140 | 1155 | rBV  | 1100540 | 2126954 | 86.23%  | 10.715% |
| 47 | 9.075  | 1174 | 1179 | 1186 | rVV9 | 2363    | 5090    | 0.21%   | 0.026%  |
| 48 | 9.270  | 1202 | 1211 | 1227 | rBV  | 583713  | 1177633 | 47.74%  | 5.933%  |
| 49 | 9.404  | 1227 | 1233 | 1248 | rVB2 | 23942   | 52644   | 2.13%   | 0.265%  |
| 50 | 9.623  | 1266 | 1269 | 1271 | rVV3 | 499     | 577     | 0.02%   | 0.003%  |
| 51 | 9.660  | 1271 | 1275 | 1285 | rVV5 | 2399    | 6166    | 0.25%   | 0.031%  |
| 52 | 9.855  | 1302 | 1307 | 1308 | rBV3 | 496     | 672     | 0.03%   | 0.003%  |
| 53 | 10.032 | 1327 | 1336 | 1348 | rBV  | 318531  | 570784  | 23.14%  | 2.876%  |
| 54 | 10.129 | 1350 | 1352 | 1355 | rVB4 | 1016    | 1163    | 0.05%   | 0.006%  |
| 55 | 10.197 | 1361 | 1363 | 1368 | rBV5 | 944     | 1716    | 0.07%   | 0.009%  |
| 56 | 10.318 | 1374 | 1383 | 1392 | rBV  | 1127476 | 2000790 | 81.12%  | 10.080% |
| 57 | 10.501 | 1411 | 1413 | 1417 | rVB5 | 1202    | 1515    | 0.06%   | 0.008%  |
| 58 | 10.575 | 1418 | 1425 | 1439 | rVV  | 197608  | 345003  | 13.99%  | 1.738%  |
| 59 | 10.696 | 1439 | 1445 | 1454 | rVB  | 45679   | 81445   | 3.30%   | 0.410%  |
| 60 | 10.861 | 1467 | 1472 | 1475 | rBV4 | 1117    | 1659    | 0.07%   | 0.008%  |
| 61 | 10.922 | 1475 | 1482 | 1499 | rBV  | 312777  | 543987  | 22.05%  | 2.741%  |
| 62 | 11.068 | 1499 | 1506 | 1521 | rVV  | 249314  | 413830  | 16.78%  | 2.085%  |
| 63 | 11.263 | 1536 | 1538 | 1540 | rBV3 | 632     | 727     | 0.03%   | 0.004%  |
| 64 | 11.398 | 1558 | 1560 | 1563 | rBV3 | 508     | 605     | 0.02%   | 0.003%  |
| 65 | 11.568 | 1586 | 1588 | 1589 | rBV2 | 948     | 754     | 0.03%   | 0.004%  |
| 66 | 11.629 | 1589 | 1598 | 1608 | rBV  | 1382656 | 2378175 | 96.42%  | 11.981% |
| 67 | 11.940 | 1644 | 1649 | 1658 | rVB8 | 4764    | 9788    | 0.40%   | 0.049%  |
| 68 | 12.166 | 1682 | 1686 | 1688 | rBV5 | 1225    | 2022    | 0.08%   | 0.010%  |
| 69 | 12.336 | 1708 | 1714 | 1725 | rBV3 | 12446   | 22968   | 0.93%   | 0.116%  |
| 70 | 12.599 | 1749 | 1757 | 1764 | rBV  | 235785  | 368335  | 14.93%  | 1.856%  |
| 71 | 12.690 | 1764 | 1772 | 1780 | rVV  | 489232  | 816369  | 33.10%  | 4.113%  |
| 72 | 12.928 | 1807 | 1811 | 1817 | rVB6 | 4037    | 6978    | 0.28%   | 0.035%  |
| 73 | 13.050 | 1826 | 1831 | 1835 | rVB6 | 2783    | 4866    | 0.20%   | 0.025%  |
| 74 | 13.098 | 1835 | 1839 | 1843 | rBV6 | 2064    | 3791    | 0.15%   | 0.019%  |
| 75 | 13.153 | 1845 | 1848 | 1854 | rVB6 | 2151    | 3668    | 0.15%   | 0.018%  |
| 76 | 13.220 | 1856 | 1859 | 1862 | rBV5 | 1206    | 1595    | 0.06%   | 0.008%  |

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A44R9

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\SFAMWLM011025SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |       |         |         |        |        |
|-----|--------|------|------|------|-------|---------|---------|--------|--------|
| 77  | 13.391 | 1882 | 1887 | 1900 | rBV8  | 9555    | 24224   | 0.98%  | 0.122% |
| 78  | 13.550 | 1906 | 1913 | 1922 | rBV   | 1181072 | 1968962 | 79.83% | 9.919% |
| 79  | 13.641 | 1924 | 1928 | 1938 | rVB4  | 8617    | 17476   | 0.71%  | 0.088% |
| 80  | 13.800 | 1951 | 1954 | 1955 | rBV3  | 1186    | 1302    | 0.05%  | 0.007% |
| 81  | 13.848 | 1955 | 1962 | 1974 | rVV   | 875927  | 1425279 | 57.78% | 7.180% |
| 82  | 14.062 | 1991 | 1997 | 2004 | rVB2  | 71673   | 116953  | 4.74%  | 0.589% |
| 83  | 14.220 | 2021 | 2023 | 2025 | rVB3  | 787     | 573     | 0.02%  | 0.003% |
| 84  | 14.318 | 2035 | 2039 | 2045 | rBV3  | 8344    | 15031   | 0.61%  | 0.076% |
| 85  | 14.421 | 2046 | 2056 | 2064 | rVB10 | 5967    | 19920   | 0.81%  | 0.100% |
| 86  | 14.519 | 2066 | 2072 | 2082 | rVB5  | 9648    | 20625   | 0.84%  | 0.104% |
| 87  | 14.623 | 2084 | 2089 | 2094 | rBV8  | 2126    | 4558    | 0.18%  | 0.023% |
| 88  | 15.068 | 2156 | 2162 | 2168 | rBV7  | 2486    | 5007    | 0.20%  | 0.025% |
| 89  | 15.122 | 2169 | 2171 | 2175 | rVB4  | 2085    | 2351    | 0.10%  | 0.012% |
| 90  | 15.165 | 2175 | 2178 | 2180 | rBV4  | 2280    | 3060    | 0.12%  | 0.015% |
| 91  | 15.366 | 2205 | 2211 | 2213 | rBV4  | 2588    | 5194    | 0.21%  | 0.026% |
| 92  | 15.391 | 2213 | 2215 | 2220 | rVV4  | 2981    | 4395    | 0.18%  | 0.022% |
| 93  | 15.476 | 2223 | 2229 | 2235 | rVV2  | 16339   | 26999   | 1.09%  | 0.136% |
| 94  | 15.787 | 2275 | 2280 | 2285 | rVB5  | 4588    | 7805    | 0.32%  | 0.039% |
| 95  | 15.842 | 2287 | 2289 | 2290 | rBV2  | 1346    | 761     | 0.03%  | 0.004% |
| 96  | 15.952 | 2300 | 2307 | 2314 | rBV2  | 2445    | 6740    | 0.27%  | 0.034% |
| 97  | 16.031 | 2319 | 2320 | 2323 | rBV3  | 1468    | 1267    | 0.05%  | 0.006% |
| 98  | 16.384 | 2376 | 2378 | 2381 | rBV4  | 998     | 1122    | 0.05%  | 0.006% |
| 99  | 16.519 | 2398 | 2400 | 2402 | rBV3  | 696     | 668     | 0.03%  | 0.003% |
| 100 | 16.750 | 2437 | 2438 | 2440 | rVB2  | 850     | 526     | 0.02%  | 0.003% |

Sum of corrected areas: 19849444

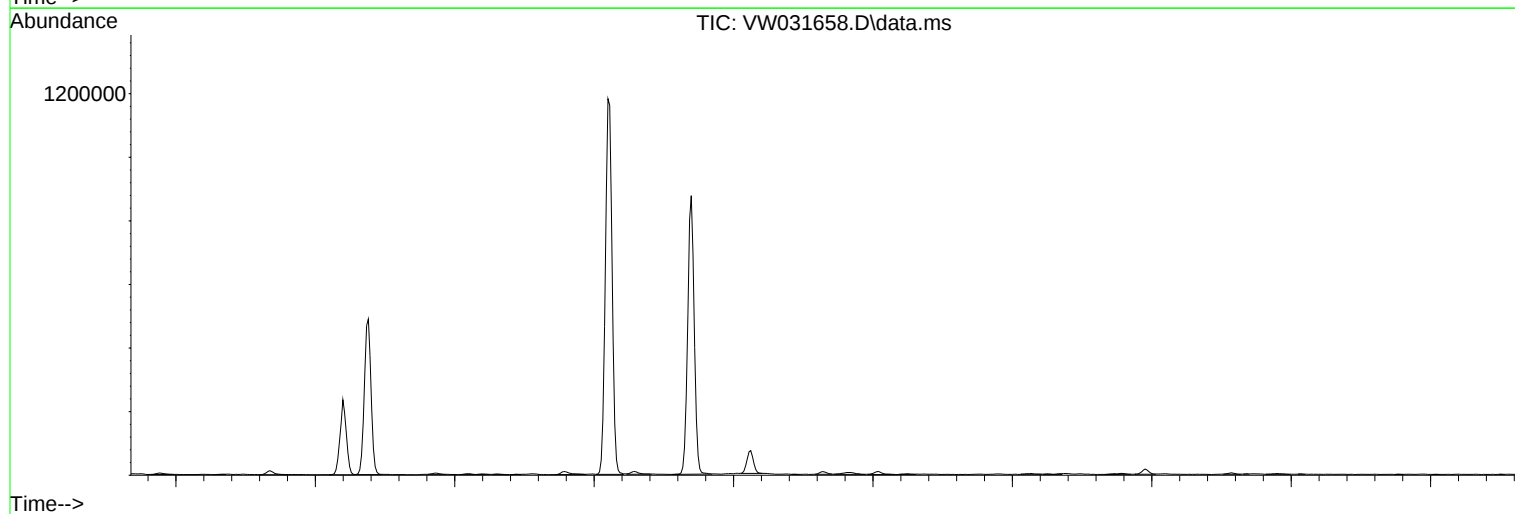
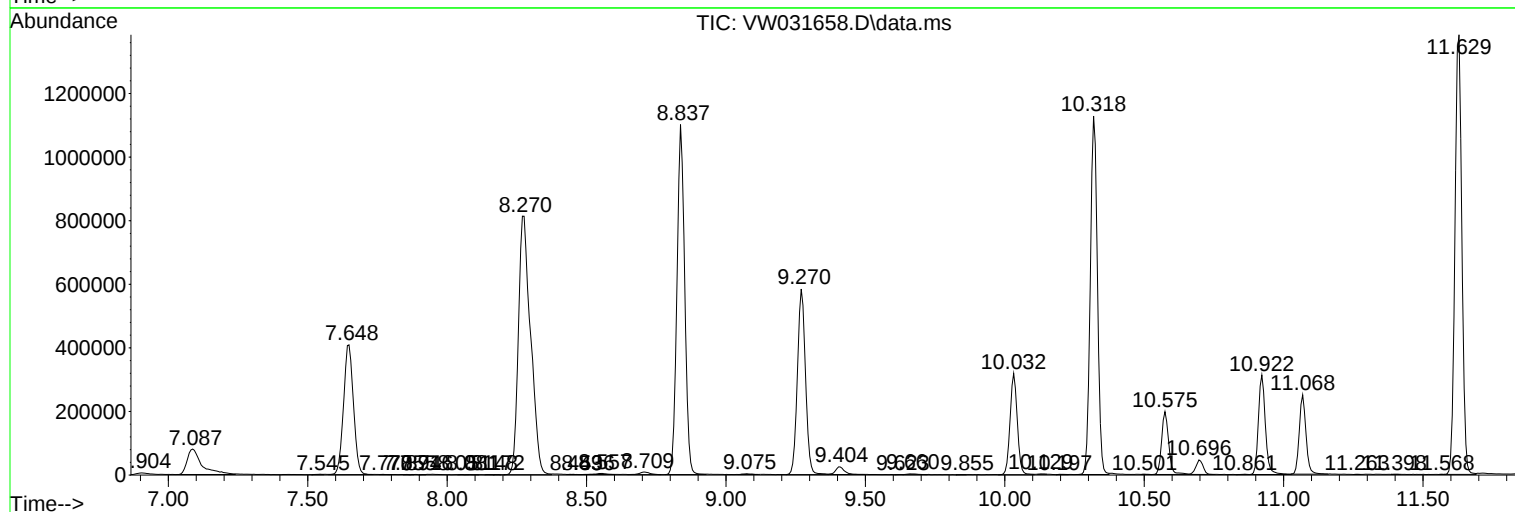
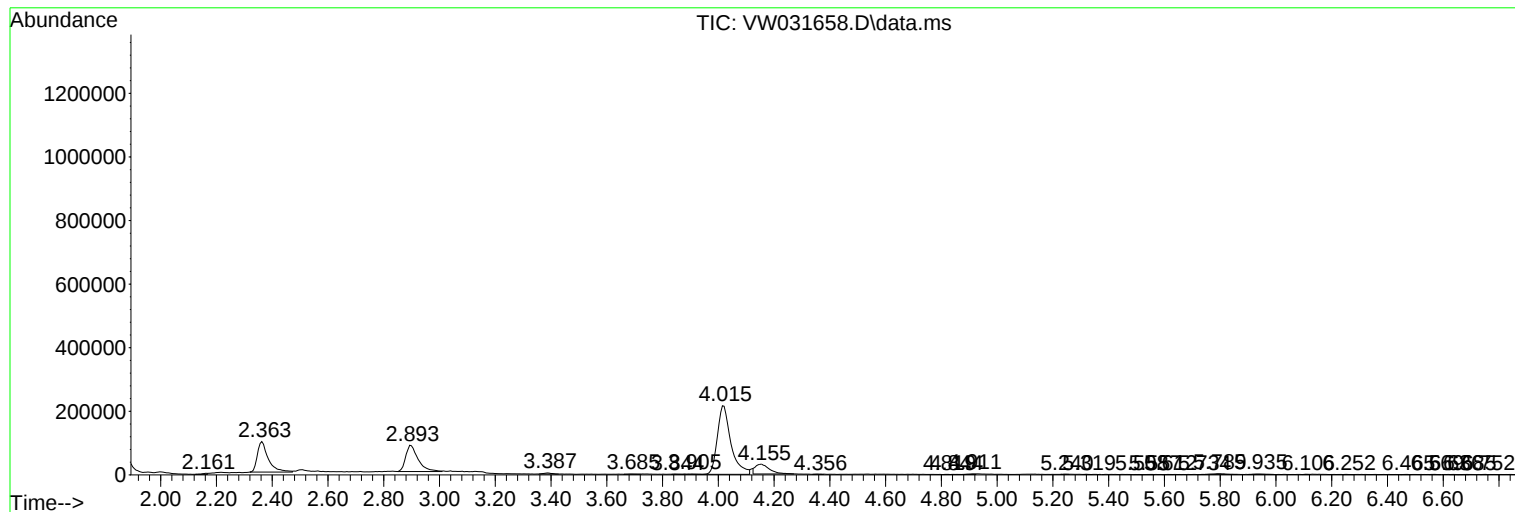
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW013025\  
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Instrument :  
MSVOA\_W  
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A44R9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011025SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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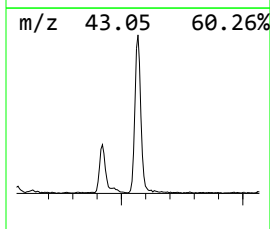
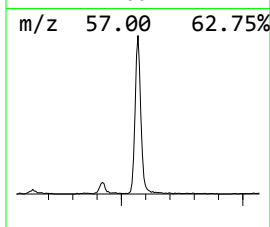
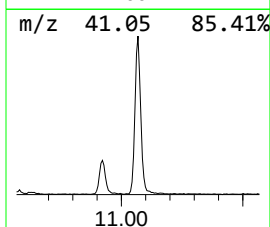
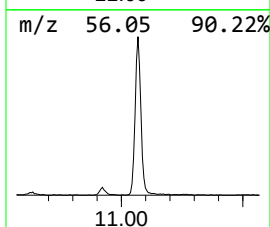
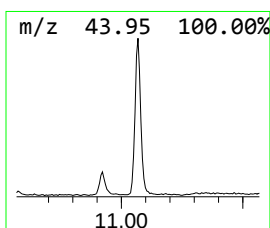
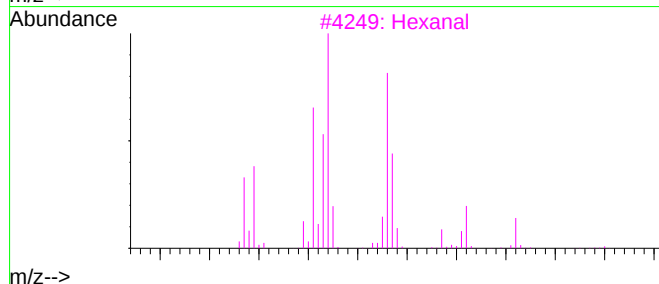
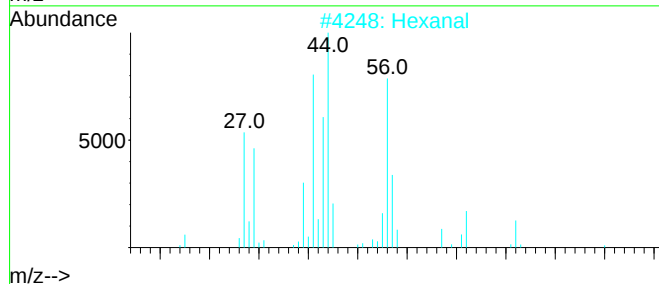
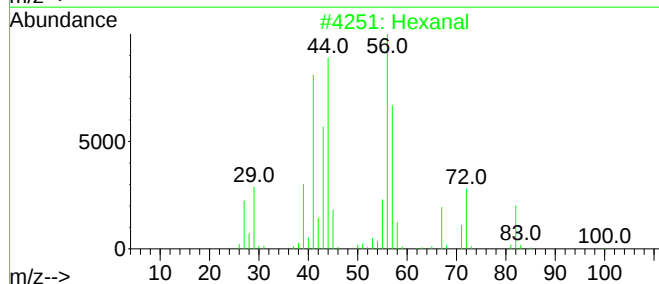
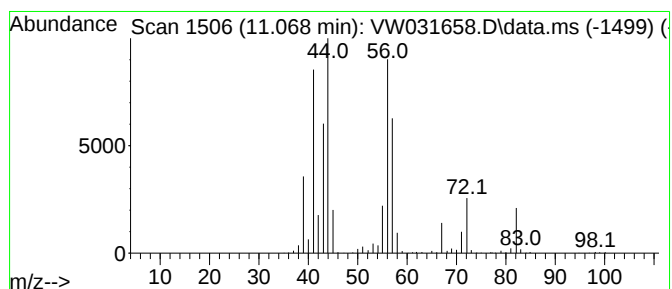
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Hexanal Concentration Rank 3

| R.T.   | EstConc   | Area   | Relative to ISTD | R.T.   |
|--------|-----------|--------|------------------|--------|
| 11.068 | 4.35 ug/L | 413830 | Chlorobenzene-d5 | 11.629 |

| Hit# of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|-----------|--------------|-----|---------|-------------|------|
| 1         | Hexanal      | 100 | C6H12O  | 000066-25-1 | 93   |
| 2         | Hexanal      | 100 | C6H12O  | 000066-25-1 | 91   |
| 3         | Hexanal      | 100 | C6H12O  | 000066-25-1 | 90   |
| 4         | Hexanal      | 100 | C6H12O  | 000066-25-1 | 87   |
| 5         | Hexanal      | 100 | C6H12O  | 000066-25-1 | 72   |



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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 |
| Hexanal          | 11.068 | 4.3     | ug/L  | 413830   | 2                     | 11.629 | 2378180 | 25.0 |