

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092921\  
 Data File : VW020234.D  
 Acq On : 29 Sep 2021 15:45  
 Operator : SY/VA  
 Sample : M3973-14  
 Misc : 7.27g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW8Y0

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\SFAMWLM092121SMA.M  
 Title : SFAM01.0

Signal : TIC: VW020234.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         | 2.361       | 69            | 75          | 85           | rVB      | 95013          | 177751        | 21.27%          | 3.920%        |
| 2         | 2.898       | 156           | 163         | 179          | rVB      | 68585          | 174396        | 20.87%          | 3.846%        |
| 3         | 3.355       | 236           | 238         | 239          | rBV      | 229            | 188           | 0.02%           | 0.004%        |
| 4         | 3.391       | 239           | 244         | 249          | rVV5     | 583            | 1224          | 0.15%           | 0.027%        |
| 5         | 3.678       | 289           | 291         | 293          | rBV      | 225            | 184           | 0.02%           | 0.004%        |
| 6         | 3.763       | 300           | 305         | 307          | rVV2     | 145            | 234           | 0.03%           | 0.005%        |
| 7         | 3.800       | 309           | 311         | 315          | rVB2     | 250            | 323           | 0.04%           | 0.007%        |
| 8         | 4.025       | 337           | 348         | 362          | rBV      | 106119         | 308989        | 36.98%          | 6.814%        |
| 9         | 4.379       | 402           | 406         | 408          | rBV2     | 1223           | 1760          | 0.21%           | 0.039%        |
| 10        | 4.666       | 450           | 453         | 457          | rBV2     | 248            | 440           | 0.05%           | 0.010%        |
| 11        | 4.757       | 466           | 468         | 471          | rBV2     | 151            | 180           | 0.02%           | 0.004%        |
| 12        | 4.916       | 487           | 494         | 507          | rVB3     | 3916           | 11910         | 1.43%           | 0.263%        |
| 13        | 5.080       | 520           | 521         | 524          | rBV      | 158            | 163           | 0.02%           | 0.004%        |
| 14        | 5.117       | 524           | 527         | 529          | rVB      | 172            | 175           | 0.02%           | 0.004%        |
| 15        | 5.147       | 529           | 532         | 534          | rBV2     | 125            | 139           | 0.02%           | 0.003%        |
| 16        | 5.354       | 565           | 566         | 571          | rBV      | 137            | 140           | 0.02%           | 0.003%        |
| 17        | 5.543       | 595           | 597         | 599          | rBV      | 182            | 154           | 0.02%           | 0.003%        |
| 18        | 5.800       | 635           | 639         | 641          | rVV3     | 339            | 424           | 0.05%           | 0.009%        |
| 19        | 5.909       | 655           | 657         | 659          | rBV2     | 138            | 153           | 0.02%           | 0.003%        |
| 20        | 6.208       | 704           | 706         | 708          | rBV      | 211            | 137           | 0.02%           | 0.003%        |
| 21        | 6.342       | 725           | 728         | 730          | rBV      | 237            | 203           | 0.02%           | 0.004%        |
| 22        | 6.549       | 760           | 762         | 766          | rVB2     | 169            | 144           | 0.02%           | 0.003%        |
| 23        | 6.793       | 799           | 802         | 803          | rBV2     | 121            | 139           | 0.02%           | 0.003%        |
| 24        | 6.848       | 809           | 811         | 814          | rVB2     | 217            | 210           | 0.03%           | 0.005%        |
| 25        | 7.080       | 841           | 849         | 868          | rBV      | 16628          | 50497         | 6.04%           | 1.114%        |
| 26        | 7.378       | 895           | 898         | 900          | rVV2     | 213            | 249           | 0.03%           | 0.005%        |
| 27        | 7.421       | 904           | 905         | 909          | rBV2     | 151            | 200           | 0.02%           | 0.004%        |
| 28        | 7.537       | 923           | 924         | 928          | rBV2     | 204            | 315           | 0.04%           | 0.007%        |
| 29        | 7.653       | 932           | 943         | 959          | rVV      | 167685         | 407852        | 48.81%          | 8.994%        |
| 30        | 7.756       | 959           | 960         | 964          | rVB      | 251            | 255           | 0.03%           | 0.006%        |
| 31        | 7.842       | 972           | 974         | 977          | rBV2     | 210            | 162           | 0.02%           | 0.004%        |
| 32        | 7.891       | 980           | 982         | 984          | rVB      | 268            | 217           | 0.03%           | 0.005%        |
| 33        | 7.939       | 988           | 990         | 992          | rBV2     | 251            | 285           | 0.03%           | 0.006%        |
| 34        | 8.281       | 1034          | 1046        | 1063         | rBV2     | 292072         | 835612        | 100.00%         | 18.427%       |
| 35        | 8.561       | 1086          | 1092        | 1095         | rVB2     | 181            | 357           | 0.04%           | 0.008%        |
| 36        | 8.628       | 1100          | 1103        | 1106         | rBV2     | 285            | 320           | 0.04%           | 0.007%        |

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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\_W\Method\SFAMWLM092121SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 8.708  | 1112 | 1116 | 1119 | rVB2 | 324    | 458    | 0.05%  | 0.010%  |
| 38 | 8.732  | 1119 | 1120 | 1123 | rVB2 | 172    | 155    | 0.02%  | 0.003%  |
| 39 | 8.762  | 1123 | 1125 | 1127 | rBV2 | 241    | 201    | 0.02%  | 0.004%  |
| 40 | 8.848  | 1130 | 1139 | 1153 | rBV  | 294476 | 565339 | 67.66% | 12.467% |
| 41 | 9.092  | 1172 | 1179 | 1187 | rVB4 | 11494  | 24792  | 2.97%  | 0.547%  |
| 42 | 9.274  | 1201 | 1209 | 1224 | rBV  | 198148 | 400201 | 47.89% | 8.825%  |
| 43 | 9.512  | 1244 | 1248 | 1250 | rBV2 | 204    | 267    | 0.03%  | 0.006%  |
| 44 | 9.671  | 1272 | 1274 | 1276 | rBV2 | 158    | 149    | 0.02%  | 0.003%  |
| 45 | 9.762  | 1287 | 1289 | 1292 | rBV2 | 208    | 219    | 0.03%  | 0.005%  |
| 46 | 9.872  | 1304 | 1307 | 1308 | rBV  | 151    | 148    | 0.02%  | 0.003%  |
| 47 | 9.896  | 1308 | 1311 | 1312 | rBV  | 443    | 349    | 0.04%  | 0.008%  |
| 48 | 10.037 | 1326 | 1334 | 1344 | rBV  | 72506  | 130632 | 15.63% | 2.881%  |
| 49 | 10.104 | 1344 | 1345 | 1347 | rVB2 | 264    | 145    | 0.02%  | 0.003%  |
| 50 | 10.177 | 1355 | 1357 | 1360 | rBV  | 108    | 138    | 0.02%  | 0.003%  |
| 51 | 10.244 | 1367 | 1368 | 1371 | rVB2 | 249    | 227    | 0.03%  | 0.005%  |
| 52 | 10.329 | 1373 | 1382 | 1389 | rVV  | 279165 | 497273 | 59.51% | 10.966% |
| 53 | 10.384 | 1389 | 1391 | 1398 | rVB  | 4469   | 7370   | 0.88%  | 0.163%  |
| 54 | 10.579 | 1416 | 1423 | 1436 | rVB  | 40594  | 73165  | 8.76%  | 1.613%  |
| 55 | 10.664 | 1436 | 1437 | 1438 | rBV  | 283    | 151    | 0.02%  | 0.003%  |
| 56 | 10.707 | 1438 | 1444 | 1450 | rVB2 | 1692   | 2892   | 0.35%  | 0.064%  |
| 57 | 10.927 | 1473 | 1480 | 1492 | rBV  | 57532  | 99660  | 11.93% | 2.198%  |
| 58 | 11.073 | 1500 | 1504 | 1508 | rBV4 | 676    | 1244   | 0.15%  | 0.027%  |
| 59 | 11.177 | 1520 | 1521 | 1524 | rBV  | 159    | 176    | 0.02%  | 0.004%  |
| 60 | 11.366 | 1549 | 1552 | 1555 | rVB2 | 145    | 185    | 0.02%  | 0.004%  |
| 61 | 11.634 | 1588 | 1596 | 1603 | rBV  | 227161 | 374901 | 44.87% | 8.268%  |
| 62 | 11.713 | 1605 | 1609 | 1616 | rVB2 | 2271   | 3548   | 0.42%  | 0.078%  |
| 63 | 11.835 | 1625 | 1629 | 1634 | rBV4 | 674    | 1188   | 0.14%  | 0.026%  |
| 64 | 12.036 | 1659 | 1662 | 1664 | rVB2 | 151    | 138    | 0.02%  | 0.003%  |
| 65 | 12.067 | 1664 | 1667 | 1668 | rBV  | 185    | 177    | 0.02%  | 0.004%  |
| 66 | 12.097 | 1668 | 1672 | 1675 | rBV3 | 515    | 678    | 0.08%  | 0.015%  |
| 67 | 12.170 | 1680 | 1684 | 1686 | rBV2 | 233    | 365    | 0.04%  | 0.008%  |
| 68 | 12.426 | 1725 | 1726 | 1728 | rBV  | 180    | 143    | 0.02%  | 0.003%  |
| 69 | 12.512 | 1737 | 1740 | 1741 | rVV  | 199    | 179    | 0.02%  | 0.004%  |
| 70 | 12.548 | 1744 | 1746 | 1749 | rBV  | 147    | 144    | 0.02%  | 0.003%  |
| 71 | 12.603 | 1749 | 1755 | 1760 | rVV4 | 916    | 1678   | 0.20%  | 0.037%  |
| 72 | 12.695 | 1762 | 1770 | 1778 | rVV  | 103574 | 171178 | 20.49% | 3.775%  |
| 73 | 12.762 | 1778 | 1781 | 1784 | rVV2 | 510    | 671    | 0.08%  | 0.015%  |
| 74 | 12.896 | 1799 | 1803 | 1806 | rBV3 | 421    | 632    | 0.08%  | 0.014%  |
| 75 | 12.920 | 1806 | 1807 | 1813 | rVV2 | 349    | 425    | 0.05%  | 0.009%  |
| 76 | 13.109 | 1835 | 1838 | 1839 | rBV2 | 225    | 167    | 0.02%  | 0.004%  |

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 MSVOA\_W  
 ClientSampleId :  
 EW8Y0

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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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\SFAMWLM092121SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |       |       |        |        |
|-----|--------|------|------|------|------|-------|-------|--------|--------|
| 77  | 13.188 | 1848 | 1851 | 1852 | rBV  | 175   | 176   | 0.02%  | 0.004% |
| 78  | 13.243 | 1858 | 1860 | 1862 | rBV2 | 203   | 227   | 0.03%  | 0.005% |
| 79  | 13.292 | 1867 | 1868 | 1872 | rBV2 | 99    | 143   | 0.02%  | 0.003% |
| 80  | 13.402 | 1879 | 1886 | 1890 | rBV2 | 457   | 757   | 0.09%  | 0.017% |
| 81  | 13.451 | 1890 | 1894 | 1896 | rBV  | 278   | 341   | 0.04%  | 0.008% |
| 82  | 13.512 | 1903 | 1904 | 1906 | rBV  | 205   | 213   | 0.03%  | 0.005% |
| 83  | 13.554 | 1906 | 1911 | 1917 | rVV  | 51748 | 85062 | 10.18% | 1.876% |
| 84  | 13.646 | 1922 | 1926 | 1935 | rVB3 | 4571  | 7537  | 0.90%  | 0.166% |
| 85  | 13.761 | 1943 | 1945 | 1950 | rVB2 | 250   | 328   | 0.04%  | 0.007% |
| 86  | 13.853 | 1954 | 1960 | 1967 | rBV  | 58576 | 95742 | 11.46% | 2.111% |
| 87  | 14.066 | 1991 | 1995 | 2000 | rVB2 | 788   | 1228  | 0.15%  | 0.027% |
| 88  | 14.200 | 2014 | 2017 | 2020 | rBV2 | 160   | 243   | 0.03%  | 0.005% |
| 89  | 14.255 | 2024 | 2026 | 2028 | rBV  | 175   | 206   | 0.02%  | 0.005% |
| 90  | 14.322 | 2034 | 2037 | 2039 | rBV2 | 556   | 522   | 0.06%  | 0.012% |
| 91  | 14.524 | 2066 | 2070 | 2076 | rVB3 | 1258  | 2025  | 0.24%  | 0.045% |
| 92  | 14.585 | 2076 | 2080 | 2081 | rBV3 | 200   | 248   | 0.03%  | 0.005% |
| 93  | 14.670 | 2093 | 2094 | 2097 | rVB  | 248   | 142   | 0.02%  | 0.003% |
| 94  | 14.731 | 2102 | 2104 | 2105 | rBV  | 201   | 156   | 0.02%  | 0.003% |
| 95  | 15.054 | 2154 | 2157 | 2158 | rBV  | 252   | 255   | 0.03%  | 0.006% |
| 96  | 15.170 | 2175 | 2176 | 2179 | rVB2 | 306   | 220   | 0.03%  | 0.005% |
| 97  | 15.200 | 2179 | 2181 | 2183 | rBV2 | 287   | 243   | 0.03%  | 0.005% |
| 98  | 15.456 | 2221 | 2223 | 2226 | rBV2 | 194   | 219   | 0.03%  | 0.005% |
| 99  | 15.487 | 2226 | 2228 | 2231 | rVV2 | 288   | 258   | 0.03%  | 0.006% |
| 100 | 15.987 | 2308 | 2310 | 2313 | rBV3 | 303   | 305   | 0.04%  | 0.007% |

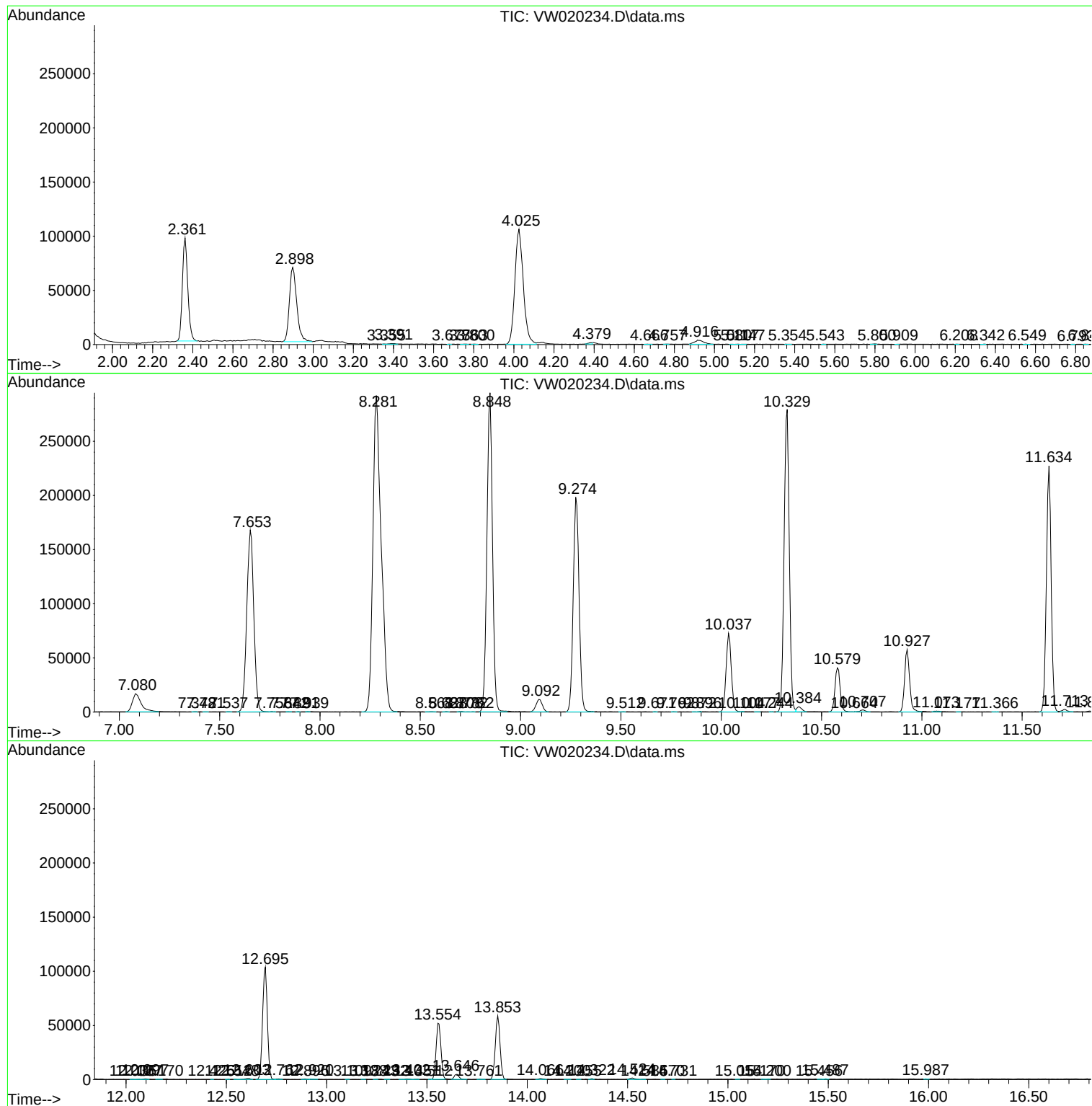
Sum of corrected areas: 4534625

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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092121SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092921\  
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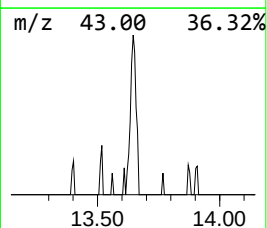
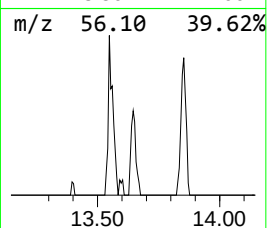
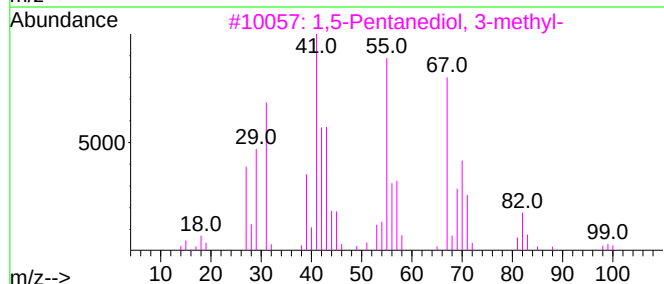
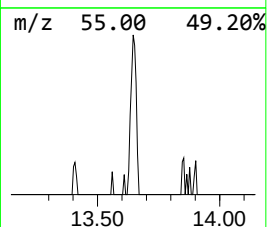
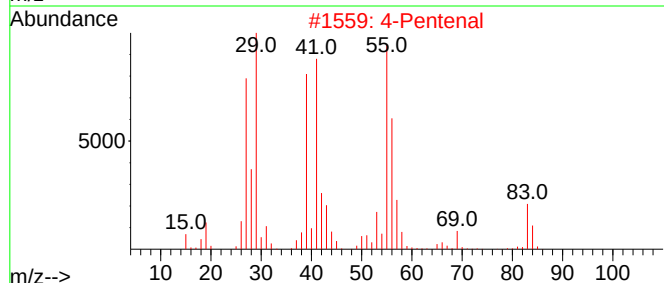
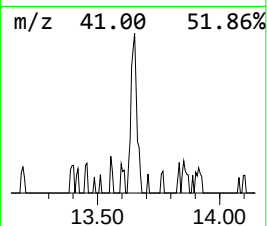
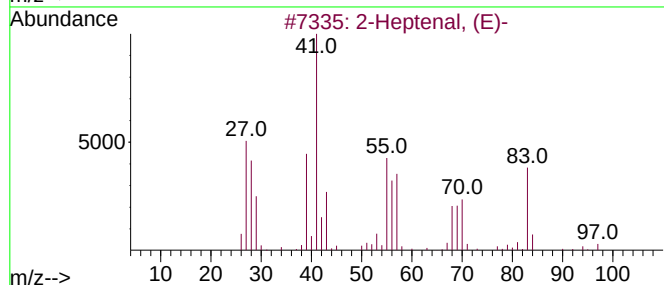
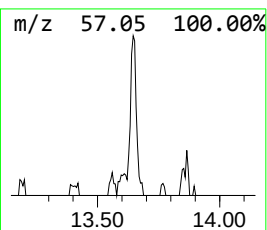
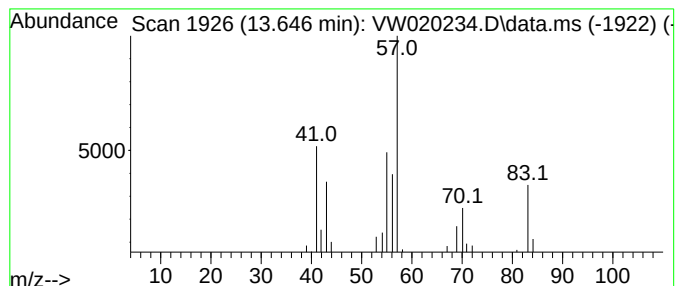
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092121SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 2 unknown-01 Concentration Rank 2

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 13.646 | 2.22 ug/L | 7537 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# | of                               | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 2-Heptenal, (E)-                 |   |              | 112 | C7H12O  | 018829-55-5 | 40   |
| 2    | 4-Pentenal                       |   |              | 84  | C5H8O   | 002100-17-6 | 35   |
| 3    | 1,5-Pentanediol, 3-methyl-       |   |              | 118 | C6H14O2 | 004457-71-0 | 23   |
| 4    | Butane, 1-chloro-2-methyl-, (S)- |   |              | 106 | C5H11Cl | 040560-29-0 | 17   |
| 5    | Oxirane, propyl-                 |   |              | 86  | C5H10O  | 001003-14-1 | 17   |



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| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |       |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|-------|------|
|                  |        |         |       |          | #                     | RT     | Resp  | Conc |
| unknown-01       | 13.646 | 2.2     | ug/L  | 7537     | 3                     | 13.554 | 85062 | 25.0 |