

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW110623\  
 Data File : VW027550.D  
 Acq On : 06 Nov 2023 16:50  
 Operator : SY/MD  
 Sample : 05239-13  
 Misc : 6.21g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AQ2

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\SFAMWLM110623SMA.M  
 Title : SFAM01.0

Signal : TIC: VW027550.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       | 72            | 78          | 92           | rVB      | 123073         | 295715        | 13.31%          | 1.752%        |
| 2         | 2.899       | 158           | 166         | 181          | rBV      | 86918          | 254320        | 11.45%          | 1.507%        |
| 3         | 3.552       | 271           | 273         | 276          | rVB4     | 1699           | 1703          | 0.08%           | 0.010%        |
| 4         | 3.838       | 318           | 320         | 322          | rBV3     | 1206           | 1523          | 0.07%           | 0.009%        |
| 5         | 3.905       | 329           | 331         | 333          | rBV3     | 2063           | 1696          | 0.08%           | 0.010%        |
| 6         | 4.021       | 340           | 350         | 367          | rBV      | 238905         | 750796        | 33.80%          | 4.448%        |
| 7         | 4.271       | 389           | 391         | 394          | rVB4     | 1470           | 1543          | 0.07%           | 0.009%        |
| 8         | 4.332       | 397           | 401         | 402          | rBV3     | 1715           | 2292          | 0.10%           | 0.014%        |
| 9         | 4.393       | 405           | 411         | 421          | rVV4     | 6208           | 18574         | 0.84%           | 0.110%        |
| 10        | 4.497       | 425           | 428         | 431          | rVB5     | 1577           | 1671          | 0.08%           | 0.010%        |
| 11        | 4.765       | 470           | 472         | 476          | rBV5     | 1513           | 2013          | 0.09%           | 0.012%        |
| 12        | 4.911       | 486           | 496         | 512          | rBV3     | 18390          | 65862         | 2.97%           | 0.390%        |
| 13        | 5.100       | 524           | 527         | 531          | rBV5     | 1858           | 2427          | 0.11%           | 0.014%        |
| 14        | 5.161       | 534           | 537         | 540          | rBV5     | 2096           | 2643          | 0.12%           | 0.016%        |
| 15        | 5.344       | 560           | 567         | 570          | rBV9     | 1255           | 2670          | 0.12%           | 0.016%        |
| 16        | 5.393       | 572           | 575         | 576          | rVV3     | 1341           | 1577          | 0.07%           | 0.009%        |
| 17        | 5.417       | 578           | 579         | 581          | rVV2     | 2070           | 1546          | 0.07%           | 0.009%        |
| 18        | 5.448       | 581           | 584         | 587          | rVB5     | 2082           | 2919          | 0.13%           | 0.017%        |
| 19        | 5.570       | 601           | 604         | 606          | rVV3     | 1186           | 1545          | 0.07%           | 0.009%        |
| 20        | 5.948       | 657           | 666         | 673          | rBV6     | 5857           | 19346         | 0.87%           | 0.115%        |
| 21        | 6.295       | 721           | 723         | 727          | rVV5     | 1302           | 1999          | 0.09%           | 0.012%        |
| 22        | 6.600       | 771           | 773         | 776          | rBV4     | 1367           | 1622          | 0.07%           | 0.010%        |
| 23        | 6.722       | 790           | 793         | 795          | rBV4     | 1478           | 1716          | 0.08%           | 0.010%        |
| 24        | 6.819       | 805           | 809         | 812          | rBV6     | 1389           | 2272          | 0.10%           | 0.013%        |
| 25        | 6.905       | 820           | 823         | 826          | rBV5     | 1361           | 2116          | 0.10%           | 0.013%        |
| 26        | 7.075       | 841           | 851         | 856          | rBV      | 51127          | 141746        | 6.38%           | 0.840%        |
| 27        | 7.252       | 872           | 880         | 894          | rVB      | 197038         | 494148        | 22.25%          | 2.927%        |
| 28        | 7.648       | 934           | 945         | 960          | rBV      | 336646         | 840150        | 37.83%          | 4.977%        |
| 29        | 7.819       | 972           | 973         | 977          | rBV3     | 1537           | 1628          | 0.07%           | 0.010%        |
| 30        | 7.990       | 998           | 1001        | 1003         | rVB4     | 1704           | 2061          | 0.09%           | 0.012%        |
| 31        | 8.063       | 1009          | 1013        | 1015         | rBV4     | 1466           | 2284          | 0.10%           | 0.014%        |
| 32        | 8.276       | 1034          | 1048        | 1064         | rBV2     | 762226         | 2221059       | 100.00%         | 13.158%       |
| 33        | 8.514       | 1085          | 1087        | 1092         | rVB6     | 1203           | 1553          | 0.07%           | 0.009%        |
| 34        | 8.843       | 1131          | 1141        | 1154         | rBV      | 795034         | 1630639       | 73.42%          | 9.660%        |
| 35        | 8.935       | 1154          | 1156        | 1159         | rVB4     | 2138           | 2110          | 0.09%           | 0.012%        |
| 36        | 9.057       | 1172          | 1176        | 1179         | rBV6     | 2384           | 4073          | 0.18%           | 0.024%        |

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 C0AQ2

Integration Parameters: LSCINT.P

Integrator: RTE

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Filtering: 5

Sampling : 1

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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\SFAMWLM110623SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 37 | 9.270  | 1203 | 1211 | 1223 | rVV  | 471203  | 977993  | 44.03% | 5.794%  |
| 38 | 10.032 | 1325 | 1336 | 1347 | rBV  | 263954  | 481206  | 21.67% | 2.851%  |
| 39 | 10.215 | 1361 | 1366 | 1369 | rBV7 | 3903    | 5720    | 0.26%  | 0.034%  |
| 40 | 10.319 | 1375 | 1383 | 1393 | rBV  | 1046430 | 1857708 | 83.64% | 11.005% |
| 41 | 10.575 | 1418 | 1425 | 1435 | rBV  | 155679  | 273804  | 12.33% | 1.622%  |
| 42 | 10.703 | 1437 | 1446 | 1456 | rVV2 | 40990   | 81080   | 3.65%  | 0.480%  |
| 43 | 10.855 | 1467 | 1471 | 1476 | rBV8 | 4394    | 8866    | 0.40%  | 0.053%  |
| 44 | 10.922 | 1476 | 1482 | 1495 | rVB  | 219060  | 375246  | 16.89% | 2.223%  |
| 45 | 11.062 | 1499 | 1505 | 1513 | rVB2 | 13775   | 27137   | 1.22%  | 0.161%  |
| 46 | 11.343 | 1548 | 1551 | 1555 | rVB6 | 1546    | 2645    | 0.12%  | 0.016%  |
| 47 | 11.434 | 1555 | 1566 | 1573 | rBV2 | 34810   | 67556   | 3.04%  | 0.400%  |
| 48 | 11.489 | 1573 | 1575 | 1578 | rVB4 | 1570    | 1629    | 0.07%  | 0.010%  |
| 49 | 11.520 | 1578 | 1580 | 1581 | rBV2 | 1582    | 1631    | 0.07%  | 0.010%  |
| 50 | 11.562 | 1585 | 1587 | 1589 | rBV3 | 1457    | 1438    | 0.06%  | 0.009%  |
| 51 | 11.629 | 1590 | 1598 | 1606 | rBV  | 1136605 | 1893702 | 85.26% | 11.218% |
| 52 | 11.812 | 1625 | 1628 | 1630 | rBV4 | 1640    | 2502    | 0.11%  | 0.015%  |
| 53 | 12.038 | 1662 | 1665 | 1666 | rVV3 | 1698    | 1673    | 0.08%  | 0.010%  |
| 54 | 12.099 | 1669 | 1675 | 1676 | rVV6 | 2469    | 4517    | 0.20%  | 0.027%  |
| 55 | 12.123 | 1677 | 1679 | 1682 | rVV4 | 2206    | 2465    | 0.11%  | 0.015%  |
| 56 | 12.166 | 1682 | 1686 | 1690 | rVV7 | 2662    | 5494    | 0.25%  | 0.033%  |
| 57 | 12.227 | 1693 | 1696 | 1699 | rVV5 | 1699    | 2647    | 0.12%  | 0.016%  |
| 58 | 12.337 | 1711 | 1714 | 1717 | rBV5 | 1453    | 1932    | 0.09%  | 0.011%  |
| 59 | 12.465 | 1729 | 1735 | 1740 | rBV7 | 7359    | 16246   | 0.73%  | 0.096%  |
| 60 | 12.550 | 1746 | 1749 | 1750 | rBV3 | 1448    | 1738    | 0.08%  | 0.010%  |
| 61 | 12.605 | 1750 | 1758 | 1765 | rVB3 | 72828   | 135525  | 6.10%  | 0.803%  |
| 62 | 12.690 | 1765 | 1772 | 1779 | rBV  | 307499  | 503741  | 22.68% | 2.984%  |
| 63 | 12.751 | 1780 | 1782 | 1787 | rVB6 | 4674    | 7084    | 0.32%  | 0.042%  |
| 64 | 12.891 | 1799 | 1805 | 1808 | rBV5 | 5718    | 10636   | 0.48%  | 0.063%  |
| 65 | 12.928 | 1808 | 1811 | 1815 | rVB3 | 4377    | 5868    | 0.26%  | 0.035%  |
| 66 | 13.026 | 1822 | 1827 | 1831 | rVB8 | 4819    | 8647    | 0.39%  | 0.051%  |
| 67 | 13.074 | 1831 | 1835 | 1838 | rBV5 | 3086    | 4783    | 0.22%  | 0.028%  |
| 68 | 13.184 | 1850 | 1853 | 1857 | rVV3 | 3954    | 5984    | 0.27%  | 0.035%  |
| 69 | 13.288 | 1865 | 1870 | 1875 | rVB2 | 20890   | 31957   | 1.44%  | 0.189%  |
| 70 | 13.404 | 1880 | 1889 | 1894 | rBV4 | 9059    | 19618   | 0.88%  | 0.116%  |
| 71 | 13.464 | 1896 | 1899 | 1901 | rBV4 | 3052    | 3717    | 0.17%  | 0.022%  |
| 72 | 13.501 | 1902 | 1905 | 1907 | rVV5 | 4398    | 5738    | 0.26%  | 0.034%  |
| 73 | 13.556 | 1907 | 1914 | 1926 | rVV  | 1066680 | 1738765 | 78.29% | 10.300% |
| 74 | 13.641 | 1926 | 1928 | 1936 | rVB5 | 7361    | 11553   | 0.52%  | 0.068%  |
| 75 | 13.757 | 1943 | 1947 | 1950 | rBV5 | 4554    | 6605    | 0.30%  | 0.039%  |
| 76 | 13.849 | 1955 | 1962 | 1969 | rBV  | 820496  | 1310128 | 58.99% | 7.761%  |

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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\SFAMWLM110623SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |       |       |       |        |
|-----|--------|------|------|------|------|-------|-------|-------|--------|
| 77  | 13.946 | 1975 | 1978 | 1982 | rVB5 | 3646  | 4545  | 0.20% | 0.027% |
| 78  | 14.007 | 1986 | 1988 | 1991 | rVV4 | 1504  | 1984  | 0.09% | 0.012% |
| 79  | 14.062 | 1991 | 1997 | 2003 | rVB  | 36171 | 59054 | 2.66% | 0.350% |
| 80  | 14.184 | 2012 | 2017 | 2019 | rBV5 | 2679  | 3649  | 0.16% | 0.022% |
| 81  | 14.294 | 2031 | 2035 | 2037 | rVV5 | 2838  | 4565  | 0.21% | 0.027% |
| 82  | 14.318 | 2037 | 2039 | 2049 | rVB9 | 4224  | 9052  | 0.41% | 0.054% |
| 83  | 14.562 | 2077 | 2079 | 2082 | rVB4 | 1943  | 1566  | 0.07% | 0.009% |
| 84  | 14.629 | 2085 | 2090 | 2093 | rBV7 | 2692  | 4708  | 0.21% | 0.028% |
| 85  | 14.714 | 2097 | 2104 | 2111 | rVB4 | 9932  | 15735 | 0.71% | 0.093% |
| 86  | 14.824 | 2121 | 2122 | 2126 | rVB4 | 1407  | 1456  | 0.07% | 0.009% |
| 87  | 15.086 | 2163 | 2165 | 2166 | rBV2 | 2571  | 2084  | 0.09% | 0.012% |
| 88  | 15.129 | 2169 | 2172 | 2176 | rVV6 | 2973  | 4274  | 0.19% | 0.025% |
| 89  | 15.269 | 2192 | 2195 | 2197 | rBV4 | 1079  | 1450  | 0.07% | 0.009% |
| 90  | 15.367 | 2205 | 2211 | 2213 | rBV5 | 2949  | 5991  | 0.27% | 0.035% |
| 91  | 15.428 | 2216 | 2221 | 2226 | rVV2 | 17443 | 28710 | 1.29% | 0.170% |
| 92  | 15.482 | 2226 | 2230 | 2233 | rVB  | 5102  | 7423  | 0.33% | 0.044% |
| 93  | 15.549 | 2238 | 2241 | 2247 | rVB7 | 5429  | 7682  | 0.35% | 0.046% |
| 94  | 15.671 | 2259 | 2261 | 2262 | rBV2 | 1924  | 1764  | 0.08% | 0.010% |
| 95  | 15.757 | 2269 | 2275 | 2277 | rBV7 | 4141  | 7019  | 0.32% | 0.042% |
| 96  | 15.793 | 2277 | 2281 | 2284 | rVB6 | 3672  | 5865  | 0.26% | 0.035% |
| 97  | 16.208 | 2346 | 2349 | 2351 | rBV4 | 1584  | 1734  | 0.08% | 0.010% |
| 98  | 16.415 | 2380 | 2383 | 2384 | rBV3 | 1481  | 1492  | 0.07% | 0.009% |
| 99  | 16.476 | 2387 | 2393 | 2399 | rVB3 | 2826  | 6764  | 0.30% | 0.040% |
| 100 | 16.696 | 2428 | 2429 | 2433 | rBV4 | 1507  | 1447  | 0.07% | 0.009% |

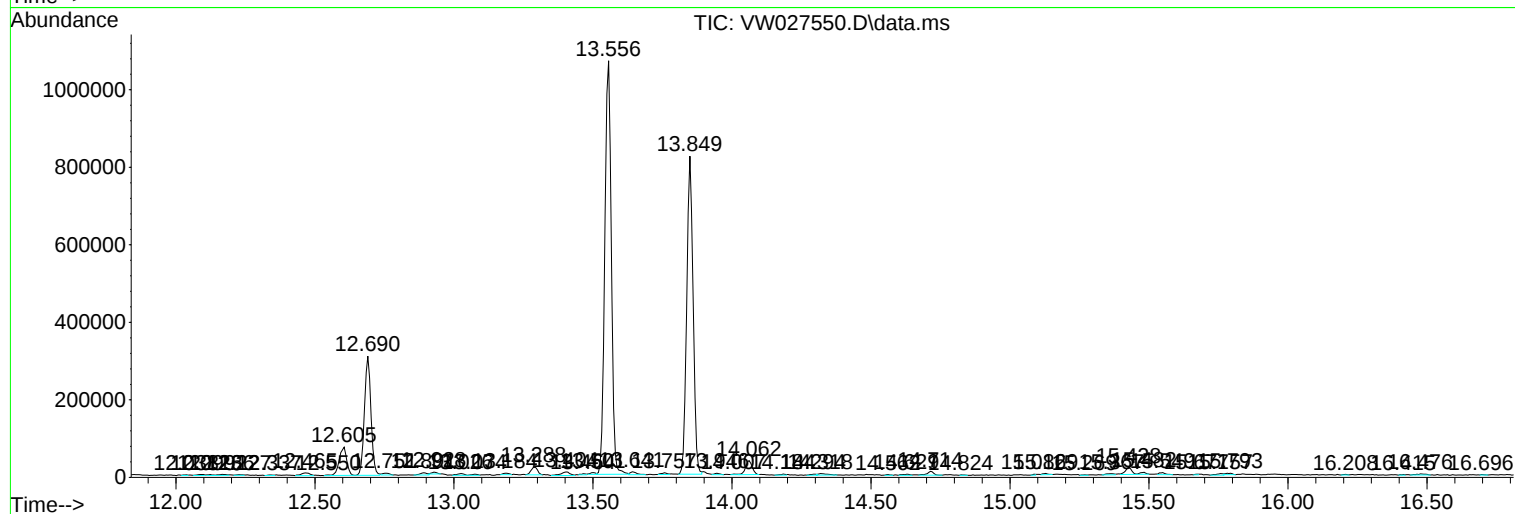
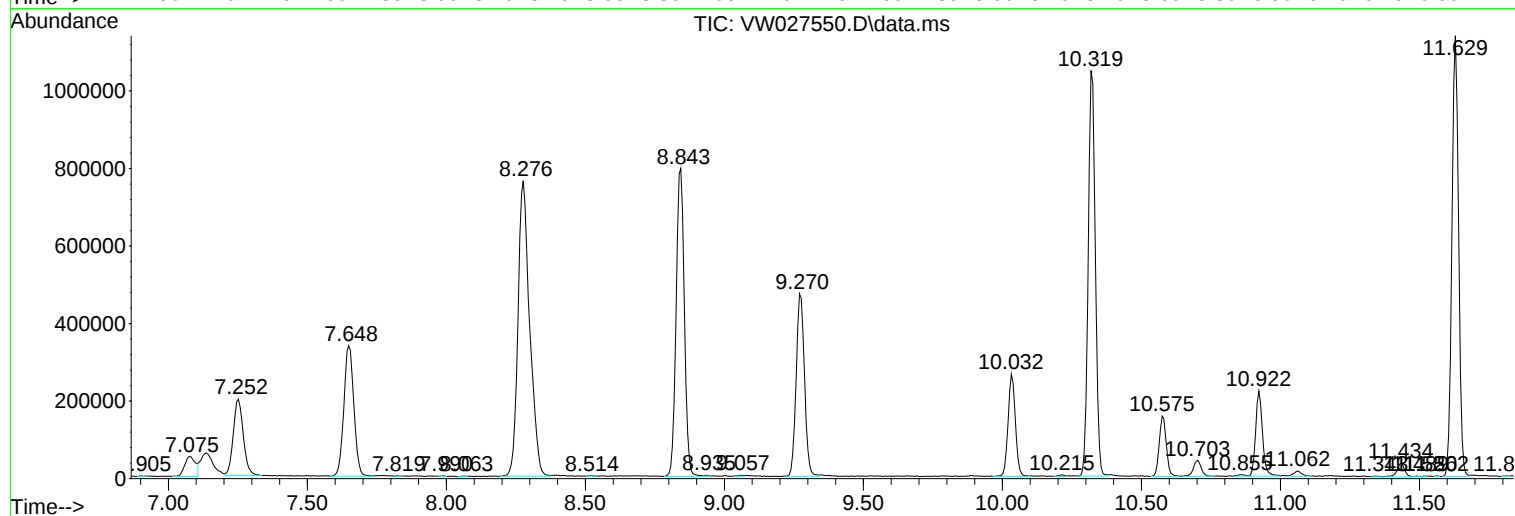
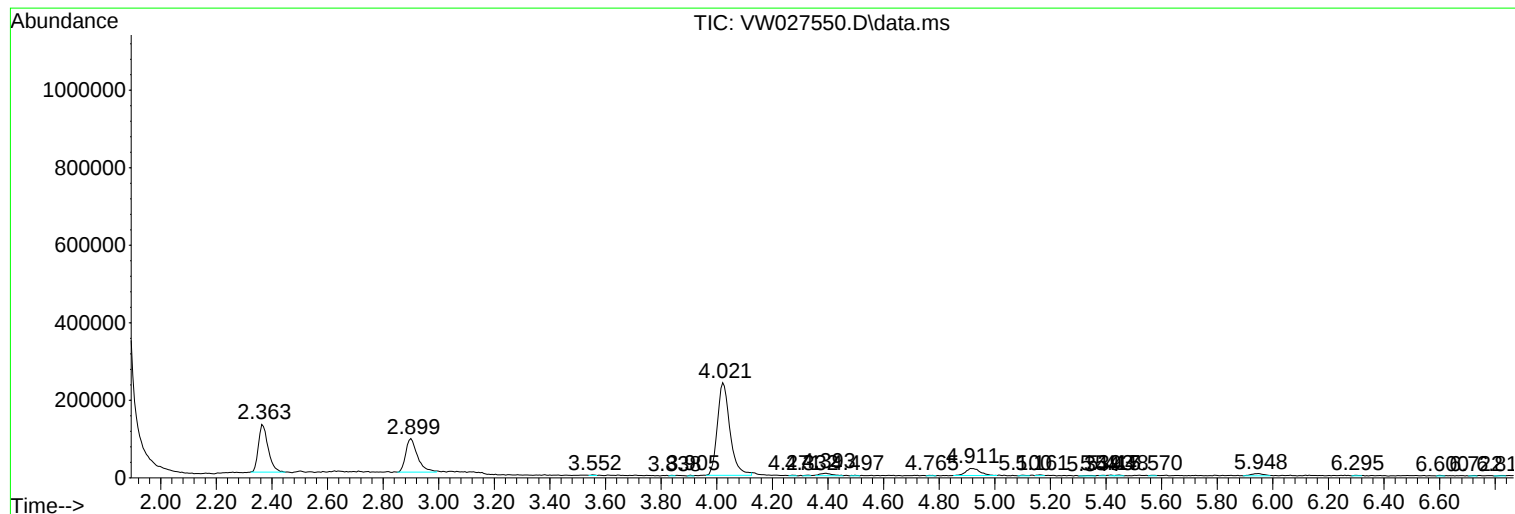
Sum of corrected areas: 16880494

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM110623SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW110623\  
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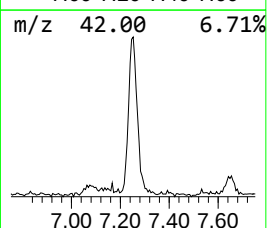
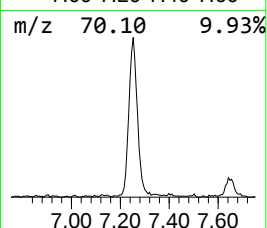
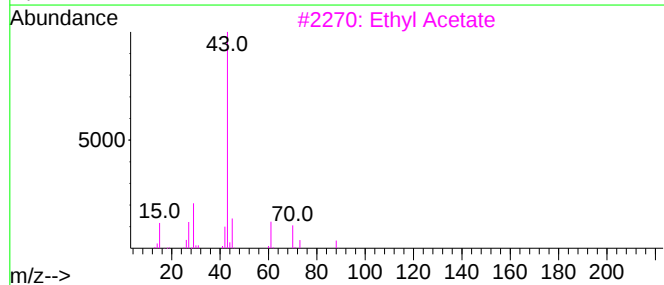
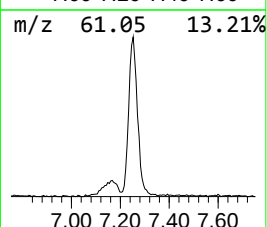
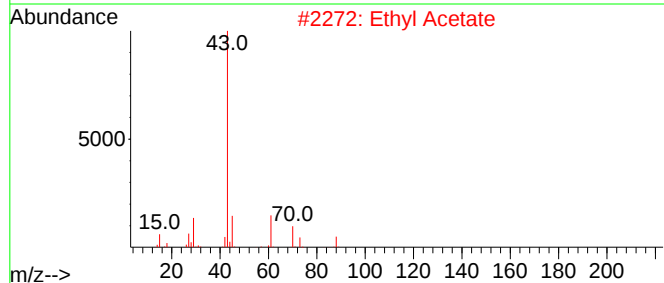
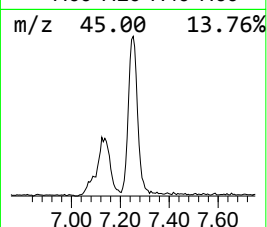
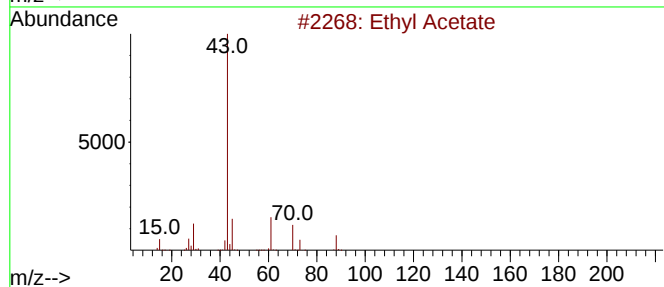
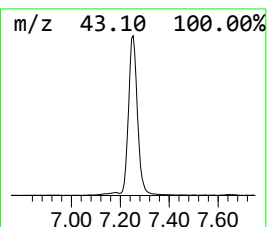
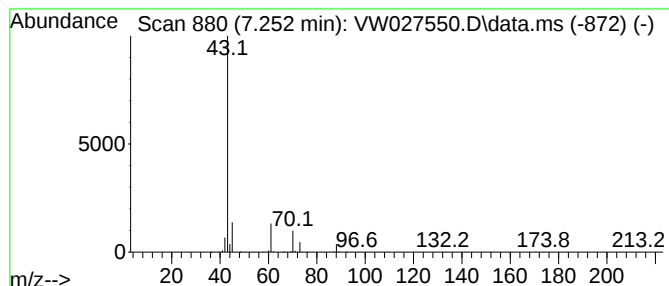
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM110623SMA.M  
Quant Title : SFAM01.0

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

\*\*\*\*\*  
Peak Number 1 Ethyl Acetate Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 7.252 | 7.58 ug/L | 494148 | 1,4-Difluorobenzene | 8.843 |

| Hit# | of | 5 | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------|----|---------|-------------|------|
| 1    |    |   | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 90   |
| 2    |    |   | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 90   |
| 3    |    |   | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 86   |
| 4    |    |   | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 86   |
| 5    |    |   | CH3C(O)CH2CH2OH | 88 | C4H8O2  | 000590-90-9 | 40   |



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

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| Ethyl Acetate    | 7.252 | 7.6     | ug/L  | 494148   | 1                     | 8.843 | 1630640 | 25.0 |