

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW111722\  
 Data File : VW025077.D  
 Acq On : 17 Nov 2022 15:00  
 Operator : SY/VA  
 Sample : N5679-06  
 Misc : 5.77g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 COL01

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\SFAMWLM102622SMA.M  
 Title : SFAM01.0

Signal : TIC: VW025077.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         | 1.989       | 10            | 14          | 22           | rVB      | 21487          | 39845         | 1.08%           | 0.207%        |
| 2         | 2.215       | 50            | 51          | 53           | rBV      | 1139           | 708           | 0.02%           | 0.004%        |
| 3         | 2.355       | 65            | 74          | 84           | rVB      | 108659         | 174757        | 4.75%           | 0.909%        |
| 4         | 2.495       | 93            | 97          | 103          | rBV      | 4531           | 7901          | 0.21%           | 0.041%        |
| 5         | 2.885       | 153           | 161         | 171          | rBV      | 61952          | 136114        | 3.70%           | 0.708%        |
| 6         | 3.019       | 178           | 183         | 184          | rBV3     | 1203           | 1744          | 0.05%           | 0.009%        |
| 7         | 3.391       | 238           | 244         | 251          | rVB3     | 1243           | 3067          | 0.08%           | 0.016%        |
| 8         | 3.532       | 258           | 267         | 268          | rBV4     | 846            | 1720          | 0.05%           | 0.009%        |
| 9         | 4.019       | 335           | 347         | 358          | rBV2     | 190415         | 551883        | 14.99%          | 2.871%        |
| 10        | 4.123       | 358           | 364         | 373          | rVB      | 25755          | 67643         | 1.84%           | 0.352%        |
| 11        | 4.391       | 396           | 408         | 421          | rBV      | 161902         | 481493        | 13.08%          | 2.505%        |
| 12        | 4.922       | 483           | 495         | 506          | rBV2     | 24152          | 80981         | 2.20%           | 0.421%        |
| 13        | 5.129       | 524           | 529         | 530          | rVV3     | 486            | 779           | 0.02%           | 0.004%        |
| 14        | 5.373       | 567           | 569         | 572          | rVV2     | 481            | 715           | 0.02%           | 0.004%        |
| 15        | 5.434       | 572           | 579         | 587          | rVV4     | 2278           | 5784          | 0.16%           | 0.030%        |
| 16        | 5.799       | 629           | 639         | 647          | rVB5     | 1034           | 3480          | 0.09%           | 0.018%        |
| 17        | 5.946       | 656           | 663         | 674          | rVB4     | 2788           | 8701          | 0.24%           | 0.045%        |
| 18        | 6.220       | 697           | 708         | 722          | rBV      | 23187          | 74280         | 2.02%           | 0.386%        |
| 19        | 6.525       | 756           | 758         | 761          | rBV2     | 357            | 463           | 0.01%           | 0.002%        |
| 20        | 6.909       | 813           | 821         | 825          | rBV4     | 1280           | 2797          | 0.08%           | 0.015%        |
| 21        | 6.988       | 831           | 834         | 836          | rBV3     | 624            | 729           | 0.02%           | 0.004%        |
| 22        | 7.080       | 839           | 849         | 857          | rBV      | 51622          | 147359        | 4.00%           | 0.767%        |
| 23        | 7.250       | 870           | 877         | 894          | rVB      | 252806         | 625621        | 16.99%          | 3.255%        |
| 24        | 7.446       | 907           | 909         | 912          | rVB2     | 618            | 600           | 0.02%           | 0.003%        |
| 25        | 7.653       | 932           | 943         | 957          | rVV      | 301058         | 743435        | 20.19%          | 3.868%        |
| 26        | 7.756       | 959           | 960         | 965          | rVV3     | 957            | 1188          | 0.03%           | 0.006%        |
| 27        | 7.945       | 989           | 991         | 994          | rVB2     | 548            | 568           | 0.02%           | 0.003%        |
| 28        | 8.275       | 1035          | 1045        | 1062         | rBV2     | 588200         | 1736428       | 47.16%          | 9.035%        |
| 29        | 8.403       | 1062          | 1066        | 1076         | rVV9     | 4268           | 11353         | 0.31%           | 0.059%        |
| 30        | 8.494       | 1079          | 1081        | 1083         | rBV3     | 595            | 575           | 0.02%           | 0.003%        |
| 31        | 8.555       | 1089          | 1091        | 1092         | rVB2     | 787            | 555           | 0.02%           | 0.003%        |
| 32        | 8.616       | 1100          | 1101        | 1109         | rVB3     | 987            | 1583          | 0.04%           | 0.008%        |
| 33        | 8.701       | 1109          | 1115        | 1117         | rBV6     | 2498           | 5007          | 0.14%           | 0.026%        |
| 34        | 8.842       | 1130          | 1138        | 1151         | rVV      | 606696         | 1193732       | 32.42%          | 6.211%        |
| 35        | 9.092       | 1166          | 1179        | 1195         | rBV      | 1874546        | 3681965       | 100.00%         | 19.157%       |
| 36        | 9.274       | 1200          | 1209        | 1220         | rBV      | 410813         | 819291        | 22.25%          | 4.263%        |

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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\SFAMWLM102622SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 37 | 9.512  | 1246 | 1248 | 1252 | rBV2 | 460     | 491     | 0.01%  | 0.003%  |
| 38 | 9.598  | 1260 | 1262 | 1266 | rVB3 | 544     | 594     | 0.02%  | 0.003%  |
| 39 | 9.659  | 1266 | 1272 | 1279 | rBV5 | 2650    | 5424    | 0.15%  | 0.028%  |
| 40 | 9.963  | 1316 | 1322 | 1325 | rBV5 | 1798    | 3462    | 0.09%  | 0.018%  |
| 41 | 10.037 | 1326 | 1334 | 1344 | rVV  | 211165  | 382542  | 10.39% | 1.990%  |
| 42 | 10.128 | 1347 | 1349 | 1357 | rVB5 | 1979    | 3399    | 0.09%  | 0.018%  |
| 43 | 10.207 | 1359 | 1362 | 1368 | rBV4 | 510     | 835     | 0.02%  | 0.004%  |
| 44 | 10.323 | 1373 | 1381 | 1389 | rBV  | 844494  | 1447887 | 39.32% | 7.533%  |
| 45 | 10.384 | 1389 | 1391 | 1399 | rVB  | 7076    | 11178   | 0.30%  | 0.058%  |
| 46 | 10.500 | 1407 | 1410 | 1415 | rBV4 | 2099    | 2747    | 0.07%  | 0.014%  |
| 47 | 10.579 | 1416 | 1423 | 1430 | rBV  | 126279  | 217923  | 5.92%  | 1.134%  |
| 48 | 10.701 | 1438 | 1443 | 1452 | rVB2 | 19722   | 35495   | 0.96%  | 0.185%  |
| 49 | 10.860 | 1460 | 1469 | 1475 | rBV  | 1175819 | 2066733 | 56.13% | 10.753% |
| 50 | 10.920 | 1475 | 1479 | 1491 | rVB  | 176548  | 310083  | 8.42%  | 1.613%  |
| 51 | 11.067 | 1497 | 1503 | 1512 | rVB3 | 8414    | 16694   | 0.45%  | 0.087%  |
| 52 | 11.170 | 1516 | 1520 | 1526 | rVB3 | 2218    | 3670    | 0.10%  | 0.019%  |
| 53 | 11.335 | 1545 | 1547 | 1550 | rBV4 | 494     | 484     | 0.01%  | 0.003%  |
| 54 | 11.396 | 1552 | 1557 | 1564 | rVB5 | 2510    | 4603    | 0.13%  | 0.024%  |
| 55 | 11.628 | 1588 | 1595 | 1606 | rBV  | 788410  | 1349178 | 36.64% | 7.020%  |
| 56 | 11.841 | 1625 | 1630 | 1640 | rVB4 | 3192    | 5896    | 0.16%  | 0.031%  |
| 57 | 11.969 | 1648 | 1651 | 1655 | rVB3 | 252     | 463     | 0.01%  | 0.002%  |
| 58 | 12.170 | 1679 | 1684 | 1690 | rVB5 | 1953    | 4055    | 0.11%  | 0.021%  |
| 59 | 12.298 | 1703 | 1705 | 1707 | rBV2 | 576     | 557     | 0.02%  | 0.003%  |
| 60 | 12.335 | 1707 | 1711 | 1718 | rBV6 | 2225    | 3779    | 0.10%  | 0.020%  |
| 61 | 12.469 | 1728 | 1733 | 1737 | rBV3 | 937     | 1273    | 0.03%  | 0.007%  |
| 62 | 12.603 | 1746 | 1755 | 1761 | rVB2 | 23170   | 37741   | 1.03%  | 0.196%  |
| 63 | 12.688 | 1762 | 1769 | 1779 | rBV  | 287520  | 481553  | 13.08% | 2.505%  |
| 64 | 12.792 | 1785 | 1786 | 1790 | rVB2 | 566     | 577     | 0.02%  | 0.003%  |
| 65 | 12.884 | 1795 | 1801 | 1802 | rBV4 | 1431    | 1729    | 0.05%  | 0.009%  |
| 66 | 12.932 | 1804 | 1809 | 1814 | rVB3 | 8523    | 13443   | 0.37%  | 0.070%  |
| 67 | 13.030 | 1823 | 1825 | 1828 | rBV3 | 873     | 650     | 0.02%  | 0.003%  |
| 68 | 13.079 | 1830 | 1833 | 1840 | rBV4 | 940     | 1304    | 0.04%  | 0.007%  |
| 69 | 13.152 | 1843 | 1845 | 1846 | rBV2 | 699     | 612     | 0.02%  | 0.003%  |
| 70 | 13.194 | 1850 | 1852 | 1857 | rVB4 | 938     | 1177    | 0.03%  | 0.006%  |
| 71 | 13.249 | 1857 | 1861 | 1865 | rBV4 | 2094    | 3862    | 0.10%  | 0.020%  |
| 72 | 13.402 | 1880 | 1886 | 1892 | rVB5 | 2411    | 4357    | 0.12%  | 0.023%  |
| 73 | 13.463 | 1892 | 1896 | 1897 | rBV3 | 1768    | 1629    | 0.04%  | 0.008%  |
| 74 | 13.499 | 1899 | 1902 | 1904 | rVV2 | 3958    | 5350    | 0.15%  | 0.028%  |
| 75 | 13.554 | 1904 | 1911 | 1923 | rVV  | 707950  | 1143444 | 31.06% | 5.949%  |
| 76 | 13.652 | 1923 | 1927 | 1933 | rVB2 | 6328    | 10908   | 0.30%  | 0.057%  |

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0L01

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\SFAMWLM102622SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 13.755 | 1938 | 1944 | 1948 | rBV6 | 2687   | 5036   | 0.14%  | 0.026% |
| 78  | 13.853 | 1952 | 1960 | 1966 | rBV  | 549978 | 944579 | 25.65% | 4.915% |
| 79  | 14.017 | 1983 | 1987 | 1989 | rBV5 | 1385   | 1991   | 0.05%  | 0.010% |
| 80  | 14.066 | 1990 | 1995 | 2000 | rVV2 | 11251  | 18630  | 0.51%  | 0.097% |
| 81  | 14.322 | 2031 | 2037 | 2043 | rBV8 | 6271   | 11775  | 0.32%  | 0.061% |
| 82  | 14.420 | 2050 | 2053 | 2055 | rBV3 | 1055   | 949    | 0.03%  | 0.005% |
| 83  | 14.493 | 2061 | 2065 | 2067 | rBV4 | 1979   | 3276   | 0.09%  | 0.017% |
| 84  | 14.517 | 2067 | 2069 | 2077 | rVB6 | 2972   | 4418   | 0.12%  | 0.023% |
| 85  | 14.615 | 2083 | 2085 | 2086 | rBV  | 742    | 733    | 0.02%  | 0.004% |
| 86  | 14.633 | 2086 | 2088 | 2089 | rVV2 | 1081   | 843    | 0.02%  | 0.004% |
| 87  | 14.694 | 2093 | 2098 | 2099 | rVV5 | 3617   | 5152   | 0.14%  | 0.027% |
| 88  | 14.712 | 2099 | 2101 | 2107 | rVB3 | 4070   | 5603   | 0.15%  | 0.029% |
| 89  | 14.780 | 2107 | 2112 | 2113 | rBV5 | 394    | 683    | 0.02%  | 0.004% |
| 90  | 14.804 | 2115 | 2116 | 2119 | rBV3 | 426    | 484    | 0.01%  | 0.003% |
| 91  | 14.871 | 2124 | 2127 | 2131 | rVB4 | 612    | 911    | 0.02%  | 0.005% |
| 92  | 14.932 | 2136 | 2137 | 2143 | rVV4 | 937    | 1335   | 0.04%  | 0.007% |
| 93  | 15.188 | 2176 | 2179 | 2180 | rBV2 | 844    | 770    | 0.02%  | 0.004% |
| 94  | 15.401 | 2209 | 2214 | 2217 | rVB5 | 1910   | 3029   | 0.08%  | 0.016% |
| 95  | 15.475 | 2223 | 2226 | 2231 | rBV3 | 1835   | 2814   | 0.08%  | 0.015% |
| 96  | 15.712 | 2263 | 2265 | 2270 | rVB4 | 827    | 982    | 0.03%  | 0.005% |
| 97  | 15.779 | 2274 | 2276 | 2278 | rBV2 | 922    | 1120   | 0.03%  | 0.006% |
| 98  | 16.084 | 2323 | 2326 | 2332 | rBV5 | 653    | 981    | 0.03%  | 0.005% |
| 99  | 16.133 | 2332 | 2334 | 2337 | rVB2 | 502    | 559    | 0.02%  | 0.003% |
| 100 | 16.749 | 2433 | 2435 | 2437 | rVB3 | 940    | 625    | 0.02%  | 0.003% |

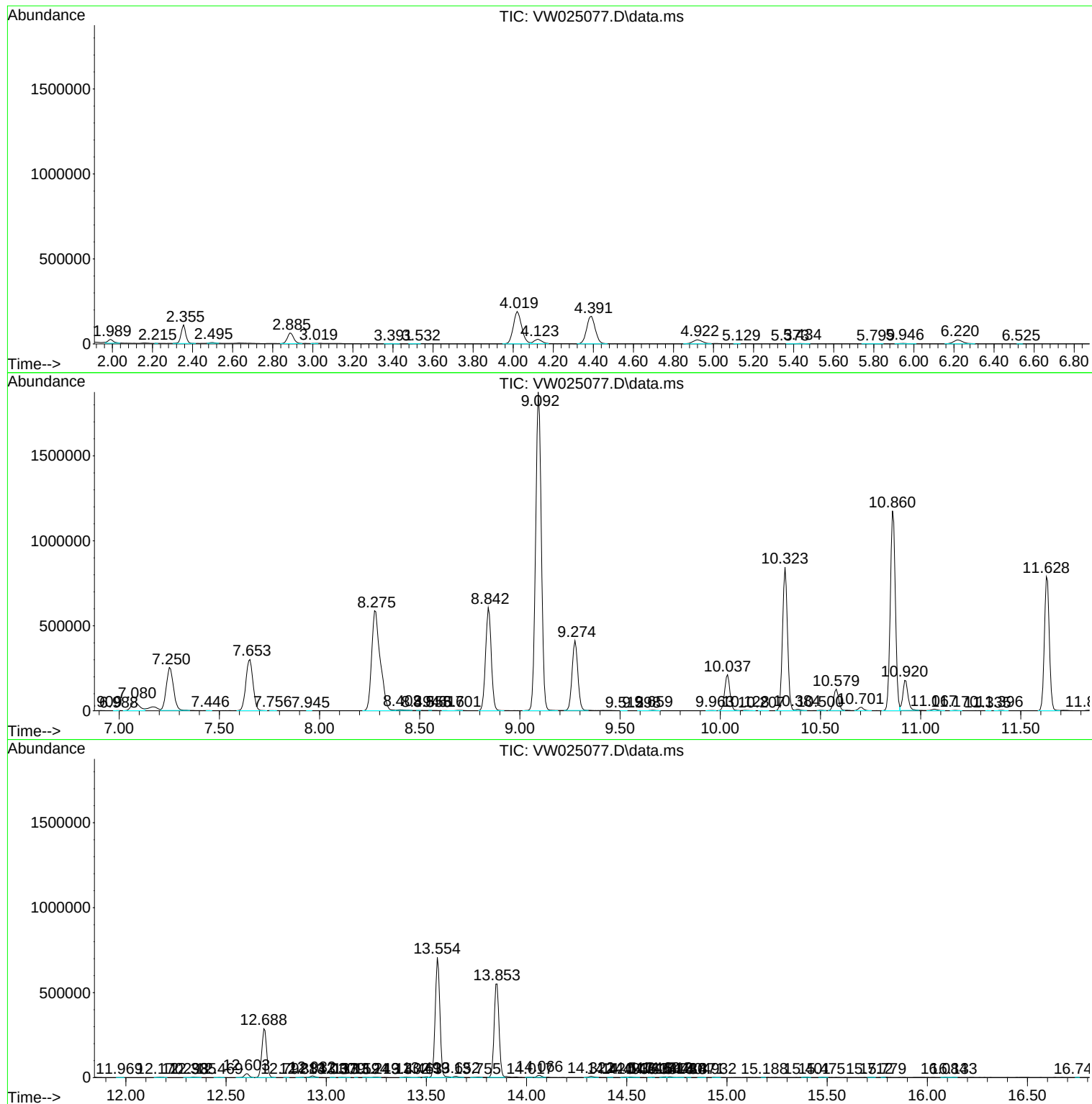
Sum of corrected areas: 19219903

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Instrument :  
MSVOA\_W  
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C0L01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM102622SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW111722\  
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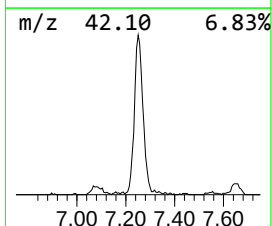
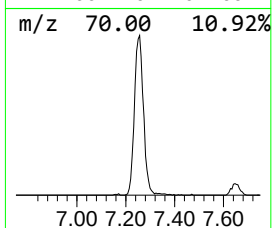
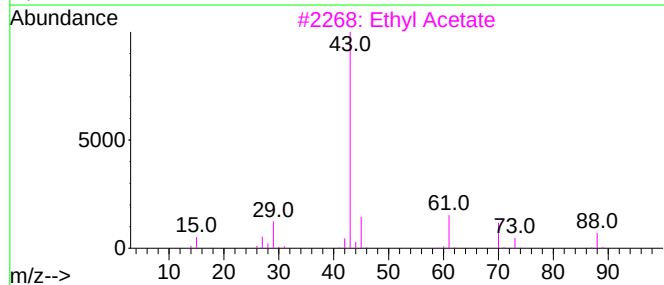
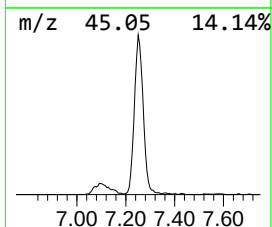
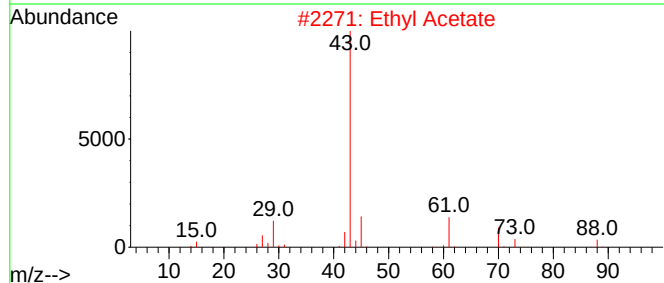
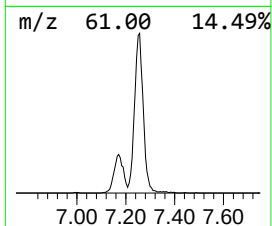
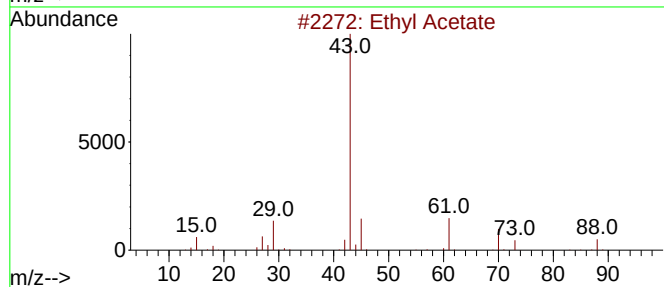
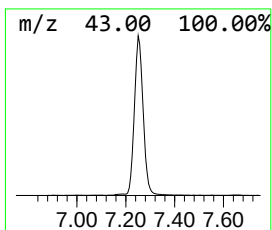
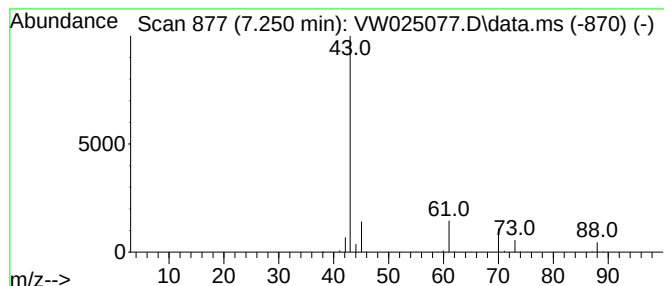
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM102622SMA.M  
Quant Title : SFAM01.0

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

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Peak Number 2 Ethyl Acetate Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD    | R.T.  |
|-------|------------|--------|---------------------|-------|
| 7.250 | 13.10 ug/L | 625621 | 1,4-Difluorobenzene | 8.842 |

| Hit# | of | 5 | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------|----|---------|-------------|------|
| 1    |    |   | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 91   |
| 2    |    |   | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 86   |
| 3    |    |   | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 72   |
| 4    |    |   | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 59   |
| 5    |    |   | CH3C(O)CH2CH2OH | 88 | C4H8O2  | 000590-90-9 | 42   |



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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 |
| Ethyl Acetate    | 7.250 | 13.1    | ug/L  | 625621   | 1                     | 8.842 | 1193730 | 25.0 |