

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112621\  
 Data File : VX025345.D  
 Acq On : 26 Nov 2021 10:43  
 Operator : JC/MD  
 Sample : M4799-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 C0P61

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\_X\Method\SFAMXLM112221WMA.M  
 Title : VOC Analysis

Signal : TIC: VX025345.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         | 1.367       | 42            | 46          | 52           | rBV      | 83476          | 81976         | 14.29%          | 1.778%        |
| 2         | 1.666       | 90            | 95          | 106          | rVB      | 65668          | 84522         | 14.74%          | 1.833%        |
| 3         | 2.306       | 194           | 200         | 209          | rBV      | 123964         | 195131        | 34.03%          | 4.231%        |
| 4         | 2.379       | 209           | 212         | 220          | rVB      | 3277           | 5518          | 0.96%           | 0.120%        |
| 5         | 2.538       | 231           | 238         | 242          | rVB3     | 680            | 1414          | 0.25%           | 0.031%        |
| 6         | 2.708       | 263           | 266         | 267          | rBV      | 254            | 212           | 0.04%           | 0.005%        |
| 7         | 2.788       | 277           | 279         | 282          | rBV4     | 349            | 339           | 0.06%           | 0.007%        |
| 8         | 2.958       | 301           | 307         | 316          | rVB3     | 898            | 1648          | 0.29%           | 0.036%        |
| 9         | 3.440       | 383           | 386         | 390          | rVV2     | 135            | 181           | 0.03%           | 0.004%        |
| 10        | 3.495       | 393           | 395         | 398          | rVB      | 199            | 177           | 0.03%           | 0.004%        |
| 11        | 3.824       | 446           | 449         | 451          | rBV2     | 124            | 152           | 0.03%           | 0.003%        |
| 12        | 4.452       | 543           | 552         | 568          | rBV      | 46753          | 133410        | 23.26%          | 2.893%        |
| 13        | 4.720       | 588           | 596         | 602          | rBV3     | 1345           | 3836          | 0.67%           | 0.083%        |
| 14        | 5.056       | 636           | 651         | 668          | rBV      | 79451          | 241174        | 42.05%          | 5.230%        |
| 15        | 5.202       | 672           | 675         | 677          | rBV      | 191            | 184           | 0.03%           | 0.004%        |
| 16        | 5.226       | 677           | 679         | 683          | rVB2     | 159            | 164           | 0.03%           | 0.004%        |
| 17        | 5.367       | 701           | 702         | 704          | rBV2     | 252            | 257           | 0.04%           | 0.006%        |
| 18        | 5.543       | 726           | 731         | 732          | rBV2     | 634            | 739           | 0.13%           | 0.016%        |
| 19        | 5.629       | 743           | 745         | 748          | rBV      | 158            | 179           | 0.03%           | 0.004%        |
| 20        | 5.970       | 788           | 801         | 820          | rBV2     | 190859         | 573476        | 100.00%         | 12.436%       |
| 21        | 6.123       | 824           | 826         | 829          | rVB2     | 220            | 228           | 0.04%           | 0.005%        |
| 22        | 6.147       | 829           | 830         | 833          | rBV      | 158            | 165           | 0.03%           | 0.004%        |
| 23        | 6.543       | 892           | 895         | 899          | rVB2     | 229            | 230           | 0.04%           | 0.005%        |
| 24        | 6.763       | 920           | 931         | 947          | rBV      | 150269         | 353823        | 61.70%          | 7.673%        |
| 25        | 7.110       | 980           | 988         | 996          | rVV2     | 4235           | 8620          | 1.50%           | 0.187%        |
| 26        | 7.214       | 1000          | 1005        | 1007         | rBV2     | 165            | 244           | 0.04%           | 0.005%        |
| 27        | 7.311       | 1012          | 1021        | 1031         | rVV      | 115663         | 260792        | 45.48%          | 5.655%        |
| 28        | 7.421       | 1032          | 1039        | 1052         | rVB2     | 20011          | 43017         | 7.50%           | 0.933%        |
| 29        | 7.586       | 1062          | 1066        | 1072         | rVB2     | 616            | 971           | 0.17%           | 0.021%        |
| 30        | 7.805       | 1100          | 1102        | 1104         | rVV2     | 173            | 182           | 0.03%           | 0.004%        |
| 31        | 7.927       | 1114          | 1122        | 1128         | rVB3     | 840            | 1683          | 0.29%           | 0.036%        |
| 32        | 8.323       | 1180          | 1187        | 1197         | rBV      | 88354          | 142541        | 24.86%          | 3.091%        |
| 33        | 8.482       | 1208          | 1213        | 1217         | rVB4     | 679            | 1215          | 0.21%           | 0.026%        |
| 34        | 8.579       | 1226          | 1229        | 1232         | rBB3     | 179            | 238           | 0.04%           | 0.005%        |
| 35        | 8.646       | 1233          | 1240        | 1248         | rVV      | 293508         | 475255        | 82.87%          | 10.306%       |
| 36        | 8.720       | 1249          | 1252        | 1260         | rVB      | 4376           | 6561          | 1.14%           | 0.142%        |

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Integrator: RTE

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Min Area: 0 % of largest Peak

Start Thrs: 0.2

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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\_X\Method\SFAMXLM112221WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 8.951  | 1284 | 1290 | 1302 | rVB  | 64519  | 93049  | 16.23% | 2.018% |
| 38 | 9.037  | 1302 | 1304 | 1307 | rBV2 | 186    | 180    | 0.03%  | 0.004% |
| 39 | 9.238  | 1331 | 1337 | 1341 | rBV2 | 1660   | 2728   | 0.48%  | 0.059% |
| 40 | 9.274  | 1341 | 1343 | 1349 | rVB3 | 1356   | 1474   | 0.26%  | 0.032% |
| 41 | 9.317  | 1349 | 1350 | 1355 | rBV2 | 98     | 154    | 0.03%  | 0.003% |
| 42 | 9.384  | 1355 | 1361 | 1375 | rBV  | 217130 | 304065 | 53.02% | 6.594% |
| 43 | 9.518  | 1380 | 1383 | 1389 | rVB2 | 2242   | 3415   | 0.60%  | 0.074% |
| 44 | 10.055 | 1465 | 1471 | 1488 | rBV  | 306391 | 418278 | 72.94% | 9.070% |
| 45 | 10.201 | 1491 | 1495 | 1497 | rVV3 | 315    | 401    | 0.07%  | 0.009% |
| 46 | 10.238 | 1500 | 1501 | 1505 | rVB3 | 324    | 380    | 0.07%  | 0.008% |
| 47 | 10.305 | 1508 | 1512 | 1517 | rVB3 | 733    | 849    | 0.15%  | 0.018% |
| 48 | 10.597 | 1555 | 1560 | 1563 | rVV4 | 494    | 850    | 0.15%  | 0.018% |
| 49 | 10.646 | 1566 | 1568 | 1570 | rVV2 | 383    | 362    | 0.06%  | 0.008% |
| 50 | 10.695 | 1572 | 1576 | 1579 | rBV  | 143    | 170    | 0.03%  | 0.004% |
| 51 | 10.774 | 1584 | 1589 | 1592 | rVV  | 760    | 1019   | 0.18%  | 0.022% |
| 52 | 10.859 | 1600 | 1603 | 1606 | rVB2 | 223    | 299    | 0.05%  | 0.006% |
| 53 | 10.969 | 1619 | 1621 | 1623 | rBV  | 242    | 188    | 0.03%  | 0.004% |
| 54 | 11.079 | 1636 | 1639 | 1642 | rVB  | 247    | 311    | 0.05%  | 0.007% |
| 55 | 11.122 | 1642 | 1646 | 1652 | rBV2 | 1657   | 1971   | 0.34%  | 0.043% |
| 56 | 11.195 | 1652 | 1658 | 1669 | rBV  | 227792 | 291809 | 50.88% | 6.328% |
| 57 | 11.280 | 1669 | 1672 | 1673 | rBV2 | 222    | 196    | 0.03%  | 0.004% |
| 58 | 11.311 | 1675 | 1677 | 1684 | rVB3 | 992    | 1348   | 0.24%  | 0.029% |
| 59 | 11.384 | 1685 | 1689 | 1691 | rBV  | 216    | 213    | 0.04%  | 0.005% |
| 60 | 11.445 | 1697 | 1699 | 1702 | rBV3 | 235    | 253    | 0.04%  | 0.005% |
| 61 | 11.481 | 1702 | 1705 | 1707 | rBV2 | 402    | 461    | 0.08%  | 0.010% |
| 62 | 11.664 | 1731 | 1735 | 1741 | rVV3 | 2647   | 4368   | 0.76%  | 0.095% |
| 63 | 11.713 | 1741 | 1743 | 1744 | rVV  | 510    | 466    | 0.08%  | 0.010% |
| 64 | 11.756 | 1746 | 1750 | 1755 | rVV2 | 2955   | 4747   | 0.83%  | 0.103% |
| 65 | 11.804 | 1755 | 1758 | 1761 | rVV2 | 381    | 504    | 0.09%  | 0.011% |
| 66 | 11.841 | 1762 | 1764 | 1768 | rVB  | 384    | 409    | 0.07%  | 0.009% |
| 67 | 11.932 | 1775 | 1779 | 1783 | rVB3 | 1208   | 1605   | 0.28%  | 0.035% |
| 68 | 11.975 | 1783 | 1786 | 1789 | rBV2 | 335    | 371    | 0.06%  | 0.008% |
| 69 | 12.024 | 1789 | 1794 | 1806 | rBV  | 327160 | 402559 | 70.20% | 8.729% |
| 70 | 12.121 | 1808 | 1810 | 1813 | rBV2 | 378    | 448    | 0.08%  | 0.010% |
| 71 | 12.152 | 1813 | 1815 | 1818 | rVB  | 956    | 1014   | 0.18%  | 0.022% |
| 72 | 12.225 | 1822 | 1827 | 1832 | rBV  | 6195   | 9184   | 1.60%  | 0.199% |
| 73 | 12.323 | 1837 | 1843 | 1853 | rVV  | 340493 | 428619 | 74.74% | 9.294% |
| 74 | 12.420 | 1857 | 1859 | 1862 | rVB3 | 361    | 387    | 0.07%  | 0.008% |
| 75 | 12.475 | 1867 | 1868 | 1875 | rVB3 | 305    | 463    | 0.08%  | 0.010% |
| 76 | 12.585 | 1883 | 1886 | 1892 | rVV3 | 1178   | 1671   | 0.29%  | 0.036% |

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Integration Parameters: LSCINT.P

Integrator: RTE

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Min Area: 0 % of largest Peak

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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\_X\Method\SFAMXLM112221WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |      |      |       |        |
|-----|--------|------|------|------|------|------|------|-------|--------|
| 77  | 12.634 | 1892 | 1894 | 1897 | rVB3 | 212  | 170  | 0.03% | 0.004% |
| 78  | 12.762 | 1912 | 1915 | 1919 | rVV2 | 474  | 715  | 0.12% | 0.016% |
| 79  | 12.792 | 1919 | 1920 | 1921 | rVV  | 359  | 197  | 0.03% | 0.004% |
| 80  | 12.853 | 1925 | 1930 | 1935 | rVV3 | 1127 | 1584 | 0.28% | 0.034% |
| 81  | 13.054 | 1958 | 1963 | 1967 | rBV2 | 293  | 465  | 0.08% | 0.010% |
| 82  | 13.115 | 1972 | 1973 | 1977 | rVV2 | 300  | 341  | 0.06% | 0.007% |
| 83  | 13.176 | 1979 | 1983 | 1986 | rVB3 | 427  | 505  | 0.09% | 0.011% |
| 84  | 13.420 | 2019 | 2023 | 2025 | rBV2 | 207  | 213  | 0.04% | 0.005% |
| 85  | 13.518 | 2036 | 2039 | 2042 | rVB  | 439  | 488  | 0.09% | 0.011% |
| 86  | 13.591 | 2049 | 2051 | 2054 | rBV2 | 372  | 337  | 0.06% | 0.007% |
| 87  | 13.664 | 2061 | 2063 | 2066 | rBV  | 293  | 218  | 0.04% | 0.005% |
| 88  | 13.737 | 2073 | 2075 | 2076 | rBV  | 611  | 413  | 0.07% | 0.009% |
| 89  | 13.780 | 2079 | 2082 | 2087 | rVV2 | 366  | 520  | 0.09% | 0.011% |
| 90  | 13.828 | 2087 | 2090 | 2092 | rVV2 | 109  | 158  | 0.03% | 0.003% |
| 91  | 13.969 | 2111 | 2113 | 2115 | rVV2 | 183  | 150  | 0.03% | 0.003% |
| 92  | 14.127 | 2136 | 2139 | 2146 | rVB2 | 987  | 1622 | 0.28% | 0.035% |
| 93  | 14.341 | 2172 | 2174 | 2176 | rBV  | 163  | 156  | 0.03% | 0.003% |
| 94  | 14.402 | 2181 | 2184 | 2185 | rBV  | 149  | 163  | 0.03% | 0.004% |
| 95  | 14.639 | 2220 | 2223 | 2227 | rBV4 | 243  | 320  | 0.06% | 0.007% |
| 96  | 15.042 | 2287 | 2289 | 2292 | rBV2 | 209  | 272  | 0.05% | 0.006% |
| 97  | 15.103 | 2297 | 2299 | 2302 | rVV2 | 191  | 165  | 0.03% | 0.004% |
| 98  | 15.987 | 2443 | 2444 | 2447 | rVB3 | 330  | 287  | 0.05% | 0.006% |
| 99  | 16.218 | 2480 | 2482 | 2486 | rBV3 | 170  | 200  | 0.03% | 0.004% |
| 100 | 16.340 | 2499 | 2502 | 2504 | rBV2 | 182  | 218  | 0.04% | 0.005% |

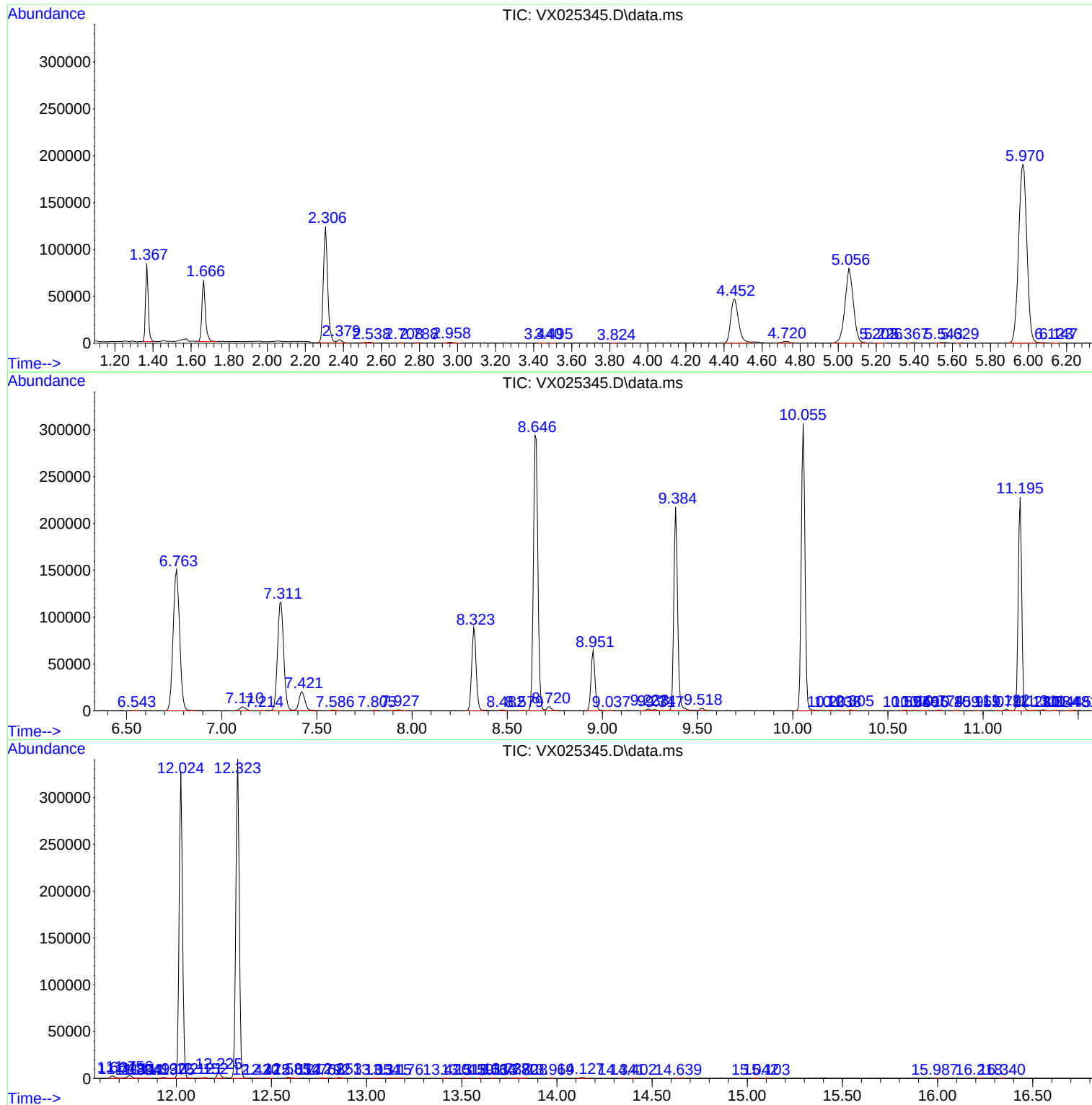
Sum of corrected areas: 4611569

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C0P61

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM112221WMA.M  
Quant Title : VOC Analysis

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



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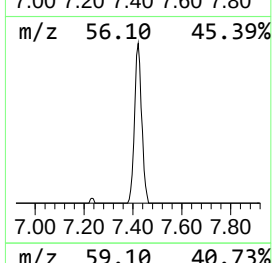
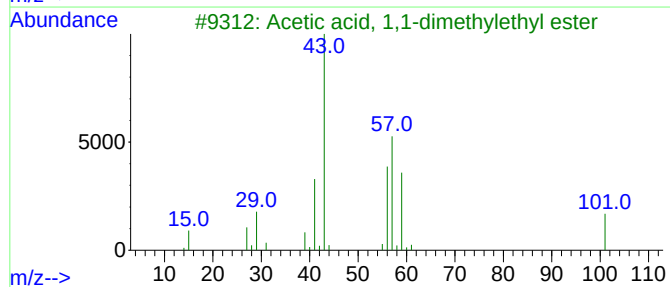
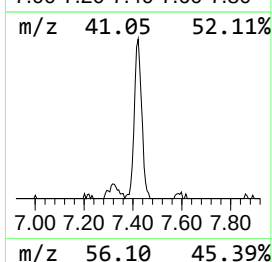
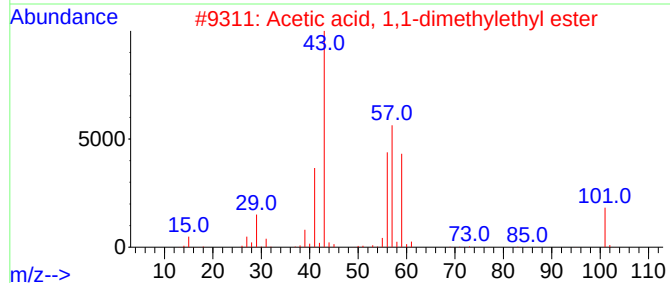
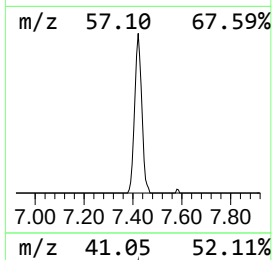
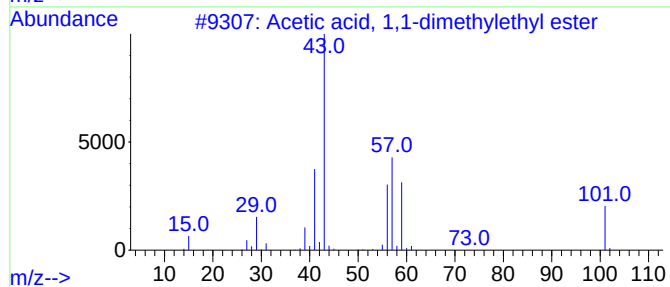
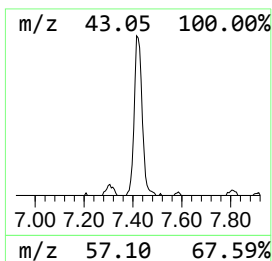
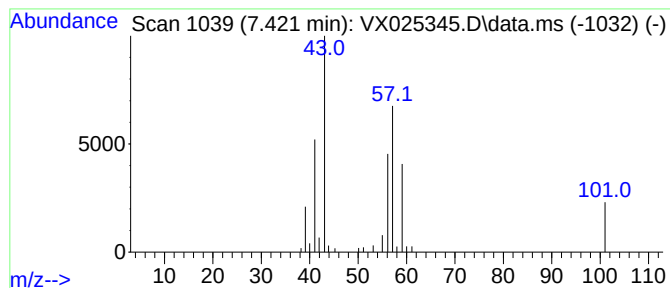
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Acetic acid, 1,1-dimethylet... Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 7.421 | 6.08 ug/L | 43017 | 1,4-Difluorobenzene | 6.763 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 83   |
| 2    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 78   |
| 3    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 78   |
| 4    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 64   |
| 5    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 33   |



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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| Acetic acid, 1,... | 7.421 | 6.1     | ug/L  | 43017    | 1                     | 6.763 | 353823 | 50.0 |