

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041222\  
 Data File : VU047973.D  
 Acq On : 12 Apr 2022 22:06  
 Operator : SY/MD  
 Sample : N2345-05  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0J83

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\_U\Method\SFAMULM032422WMA.M  
 Title : VOC Analysis

Signal : TIC: VU047973.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         | 1.601       | 74            | 81          | 101          | rVB      | 174683         | 200808        | 15.05%          | 1.846%        |
| 2         | 1.916       | 170           | 179         | 199          | rBV      | 136505         | 191509        | 14.35%          | 1.761%        |
| 3         | 2.485       | 354           | 356         | 360          | rBV3     | 340            | 254           | 0.02%           | 0.002%        |
| 4         | 2.572       | 370           | 383         | 396          | rBV      | 287680         | 474443        | 35.55%          | 4.362%        |
| 5         | 2.752       | 427           | 439         | 465          | rBV      | 104220         | 201549        | 15.10%          | 1.853%        |
| 6         | 3.025       | 521           | 524         | 526          | rBV2     | 376            | 291           | 0.02%           | 0.003%        |
| 7         | 3.051       | 528           | 532         | 537          | rVB4     | 677            | 702           | 0.05%           | 0.006%        |
| 8         | 3.189       | 563           | 575         | 590          | rVB2     | 8024           | 17558         | 1.32%           | 0.161%        |
| 9         | 3.398       | 635           | 640         | 642          | rVB4     | 330            | 253           | 0.02%           | 0.002%        |
| 10        | 3.478       | 662           | 665         | 669          | rVB2     | 462            | 319           | 0.02%           | 0.003%        |
| 11        | 3.588       | 688           | 699         | 705          | rBV7     | 1591           | 3425          | 0.26%           | 0.031%        |
| 12        | 3.665       | 718           | 723         | 728          | rBV2     | 336            | 355           | 0.03%           | 0.003%        |
| 13        | 3.745       | 745           | 748         | 756          | rVB2     | 386            | 476           | 0.04%           | 0.004%        |
| 14        | 3.787       | 756           | 761         | 764          | rBV2     | 333            | 293           | 0.02%           | 0.003%        |
| 15        | 4.189       | 881           | 886         | 890          | rBV2     | 269            | 249           | 0.02%           | 0.002%        |
| 16        | 4.481       | 973           | 977         | 983          | rBV      | 313            | 404           | 0.03%           | 0.004%        |
| 17        | 4.620       | 1007          | 1020        | 1047         | rBV      | 141916         | 342525        | 25.67%          | 3.149%        |
| 18        | 4.967       | 1125          | 1128        | 1131         | rVB2     | 433            | 267           | 0.02%           | 0.002%        |
| 19        | 5.067       | 1141          | 1159        | 1180         | rBV      | 241500         | 526164        | 39.43%          | 4.837%        |
| 20        | 5.208       | 1200          | 1203        | 1208         | rVB2     | 525            | 448           | 0.03%           | 0.004%        |
| 21        | 5.231       | 1208          | 1210        | 1215         | rVB3     | 558            | 449           | 0.03%           | 0.004%        |
| 22        | 5.600       | 1319          | 1325        | 1331         | rBV2     | 217            | 265           | 0.02%           | 0.002%        |
| 23        | 5.726       | 1342          | 1364        | 1395         | rBV2     | 489462         | 1334463       | 100.00%         | 12.269%       |
| 24        | 6.038       | 1459          | 1461        | 1465         | rBV4     | 310            | 242           | 0.02%           | 0.002%        |
| 25        | 6.160       | 1494          | 1499        | 1511         | rVB5     | 842            | 1316          | 0.10%           | 0.012%        |
| 26        | 6.250       | 1512          | 1527        | 1557         | rBV      | 396081         | 762683        | 57.15%          | 7.012%        |
| 27        | 6.420       | 1578          | 1580        | 1584         | rBV4     | 362            | 233           | 0.02%           | 0.002%        |
| 28        | 6.533       | 1607          | 1615        | 1623         | rBV7     | 2199           | 4099          | 0.31%           | 0.038%        |
| 29        | 6.694       | 1650          | 1665        | 1684         | rBV      | 309170         | 599795        | 44.95%          | 5.514%        |
| 30        | 6.864       | 1716          | 1718        | 1721         | rVV2     | 388            | 216           | 0.02%           | 0.002%        |
| 31        | 6.880       | 1721          | 1723        | 1727         | rVV      | 328            | 290           | 0.02%           | 0.003%        |
| 32        | 6.970       | 1746          | 1751        | 1755         | rVB2     | 237            | 261           | 0.02%           | 0.002%        |
| 33        | 7.047       | 1770          | 1775        | 1782         | rVV5     | 656            | 856           | 0.06%           | 0.008%        |
| 34        | 7.182       | 1808          | 1817        | 1828         | rVV4     | 3642           | 7114          | 0.53%           | 0.065%        |
| 35        | 7.231       | 1828          | 1832        | 1836         | rVB2     | 281            | 254           | 0.02%           | 0.002%        |
| 36        | 7.337       | 1862          | 1865        | 1869         | rBV2     | 275            | 274           | 0.02%           | 0.003%        |

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Integrator: RTE

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Filtering: 5

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Min Area: 0 % of largest Peak

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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\_U\Method\SFAMULM032422WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 7.356  | 1869 | 1871 | 1875 | rVB3 | 318    | 238     | 0.02%  | 0.002% |
| 38 | 7.443  | 1895 | 1898 | 1904 | rVB3 | 441    | 394     | 0.03%  | 0.004% |
| 39 | 7.568  | 1920 | 1937 | 1961 | rBV  | 154150 | 276405  | 20.71% | 2.541% |
| 40 | 7.655  | 1961 | 1964 | 1965 | rVV  | 372    | 251     | 0.02%  | 0.002% |
| 41 | 7.716  | 1966 | 1983 | 1993 | rVB  | 4054   | 11088   | 0.83%  | 0.102% |
| 42 | 7.790  | 2001 | 2006 | 2011 | rVB4 | 581    | 572     | 0.04%  | 0.005% |
| 43 | 7.899  | 2025 | 2040 | 2057 | rBV  | 608780 | 1066250 | 79.90% | 9.803% |
| 44 | 8.179  | 2114 | 2127 | 2145 | rBV  | 108852 | 186771  | 14.00% | 1.717% |
| 45 | 8.475  | 2208 | 2219 | 2228 | rVB2 | 3259   | 5621    | 0.42%  | 0.052% |
| 46 | 8.549  | 2238 | 2242 | 2245 | rBV2 | 246    | 262     | 0.02%  | 0.002% |
| 47 | 8.632  | 2254 | 2268 | 2311 | rBV  | 405879 | 780399  | 58.48% | 7.175% |
| 48 | 8.851  | 2332 | 2336 | 2338 | rBV3 | 334    | 218     | 0.02%  | 0.002% |
| 49 | 8.893  | 2347 | 2349 | 2355 | rVB4 | 395    | 346     | 0.03%  | 0.003% |
| 50 | 9.012  | 2383 | 2386 | 2388 | rBV2 | 360    | 240     | 0.02%  | 0.002% |
| 51 | 9.169  | 2433 | 2435 | 2438 | rVB2 | 632    | 283     | 0.02%  | 0.003% |
| 52 | 9.198  | 2441 | 2444 | 2448 | rVB2 | 285    | 214     | 0.02%  | 0.002% |
| 53 | 9.327  | 2481 | 2484 | 2486 | rVV2 | 403    | 261     | 0.02%  | 0.002% |
| 54 | 9.417  | 2499 | 2512 | 2551 | rBV  | 593257 | 1018172 | 76.30% | 9.361% |
| 55 | 9.565  | 2555 | 2558 | 2559 | rBV  | 419    | 236     | 0.02%  | 0.002% |
| 56 | 9.684  | 2590 | 2595 | 2597 | rBV3 | 984    | 858     | 0.06%  | 0.008% |
| 57 | 9.735  | 2606 | 2611 | 2615 | rVB2 | 312    | 284     | 0.02%  | 0.003% |
| 58 | 9.877  | 2649 | 2655 | 2661 | rVB2 | 299    | 349     | 0.03%  | 0.003% |
| 59 | 10.099 | 2721 | 2724 | 2726 | rBV3 | 359    | 295     | 0.02%  | 0.003% |
| 60 | 10.230 | 2762 | 2765 | 2768 | rBV  | 238    | 214     | 0.02%  | 0.002% |
| 61 | 10.275 | 2775 | 2779 | 2785 | rVB2 | 243    | 296     | 0.02%  | 0.003% |
| 62 | 10.388 | 2810 | 2814 | 2818 | rBV2 | 327    | 290     | 0.02%  | 0.003% |
| 63 | 10.417 | 2820 | 2823 | 2829 | rVB2 | 322    | 305     | 0.02%  | 0.003% |
| 64 | 10.484 | 2838 | 2844 | 2845 | rBV2 | 411    | 327     | 0.02%  | 0.003% |
| 65 | 10.565 | 2866 | 2869 | 2874 | rVB  | 289    | 216     | 0.02%  | 0.002% |
| 66 | 10.671 | 2895 | 2902 | 2910 | rBV6 | 2023   | 3179    | 0.24%  | 0.029% |
| 67 | 10.758 | 2916 | 2929 | 2953 | rBV  | 459951 | 737890  | 55.29% | 6.784% |
| 68 | 10.870 | 2959 | 2964 | 2965 | rBV2 | 569    | 468     | 0.04%  | 0.004% |
| 69 | 10.896 | 2965 | 2972 | 2981 | rVB2 | 3915   | 6298    | 0.47%  | 0.058% |
| 70 | 11.095 | 3031 | 3034 | 3039 | rVB2 | 541    | 427     | 0.03%  | 0.004% |
| 71 | 11.218 | 3068 | 3072 | 3075 | rVB2 | 272    | 216     | 0.02%  | 0.002% |
| 72 | 11.234 | 3075 | 3077 | 3081 | rBV2 | 278    | 225     | 0.02%  | 0.002% |
| 73 | 11.465 | 3139 | 3149 | 3160 | rBV5 | 2197   | 3922    | 0.29%  | 0.036% |
| 74 | 11.546 | 3169 | 3174 | 3179 | rVB3 | 284    | 295     | 0.02%  | 0.003% |
| 75 | 11.697 | 3216 | 3221 | 3229 | rVB5 | 1126   | 1337    | 0.10%  | 0.012% |
| 76 | 11.745 | 3231 | 3236 | 3243 | rBV4 | 827    | 1035    | 0.08%  | 0.010% |

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 ClientSampleId :  
 C0J83

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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\_U\Method\SFAMULM032422WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 77  | 11.812 | 3244 | 3257 | 3277 | rBV  | 650749 | 1038417 | 77.82% | 9.547% |
| 78  | 11.944 | 3295 | 3298 | 3302 | rBV5 | 764    | 712     | 0.05%  | 0.007% |
| 79  | 11.970 | 3303 | 3306 | 3315 | rVB4 | 1757   | 2025    | 0.15%  | 0.019% |
| 80  | 12.195 | 3363 | 3376 | 3403 | rBV  | 627015 | 1011296 | 75.78% | 9.298% |
| 81  | 12.330 | 3416 | 3418 | 3422 | rVB3 | 682    | 394     | 0.03%  | 0.004% |
| 82  | 12.385 | 3434 | 3435 | 3440 | rBV2 | 302    | 257     | 0.02%  | 0.002% |
| 83  | 12.504 | 3468 | 3472 | 3474 | rBV  | 315    | 238     | 0.02%  | 0.002% |
| 84  | 12.693 | 3524 | 3531 | 3533 | rBV3 | 650    | 833     | 0.06%  | 0.008% |
| 85  | 12.777 | 3549 | 3557 | 3563 | rBV3 | 1067   | 1603    | 0.12%  | 0.015% |
| 86  | 12.976 | 3610 | 3619 | 3625 | rBV4 | 1463   | 2177    | 0.16%  | 0.020% |
| 87  | 13.050 | 3639 | 3642 | 3644 | rBV2 | 588    | 374     | 0.03%  | 0.003% |
| 88  | 13.224 | 3690 | 3696 | 3702 | rVB2 | 1276   | 1554    | 0.12%  | 0.014% |
| 89  | 13.385 | 3739 | 3746 | 3751 | rVB6 | 1349   | 1984    | 0.15%  | 0.018% |
| 90  | 13.648 | 3826 | 3828 | 3833 | rBV2 | 315    | 219     | 0.02%  | 0.002% |
| 91  | 13.848 | 3883 | 3890 | 3899 | rBV4 | 2228   | 3421    | 0.26%  | 0.031% |
| 92  | 14.092 | 3958 | 3966 | 3975 | rBV3 | 4054   | 6396    | 0.48%  | 0.059% |
| 93  | 14.336 | 4034 | 4042 | 4049 | rBV6 | 2253   | 3164    | 0.24%  | 0.029% |
| 94  | 15.024 | 4254 | 4256 | 4261 | rVB  | 544    | 294     | 0.02%  | 0.003% |
| 95  | 15.095 | 4275 | 4278 | 4280 | rBV  | 528    | 333     | 0.02%  | 0.003% |
| 96  | 15.192 | 4305 | 4308 | 4309 | rBV2 | 562    | 320     | 0.02%  | 0.003% |
| 97  | 15.230 | 4318 | 4320 | 4325 | rBV4 | 468    | 490     | 0.04%  | 0.005% |
| 98  | 15.368 | 4360 | 4363 | 4367 | rBV2 | 592    | 427     | 0.03%  | 0.004% |
| 99  | 15.545 | 4412 | 4418 | 4428 | rBV7 | 3770   | 5562    | 0.42%  | 0.051% |
| 100 | 15.896 | 4515 | 4527 | 4537 | rBV6 | 5255   | 12363   | 0.93%  | 0.114% |

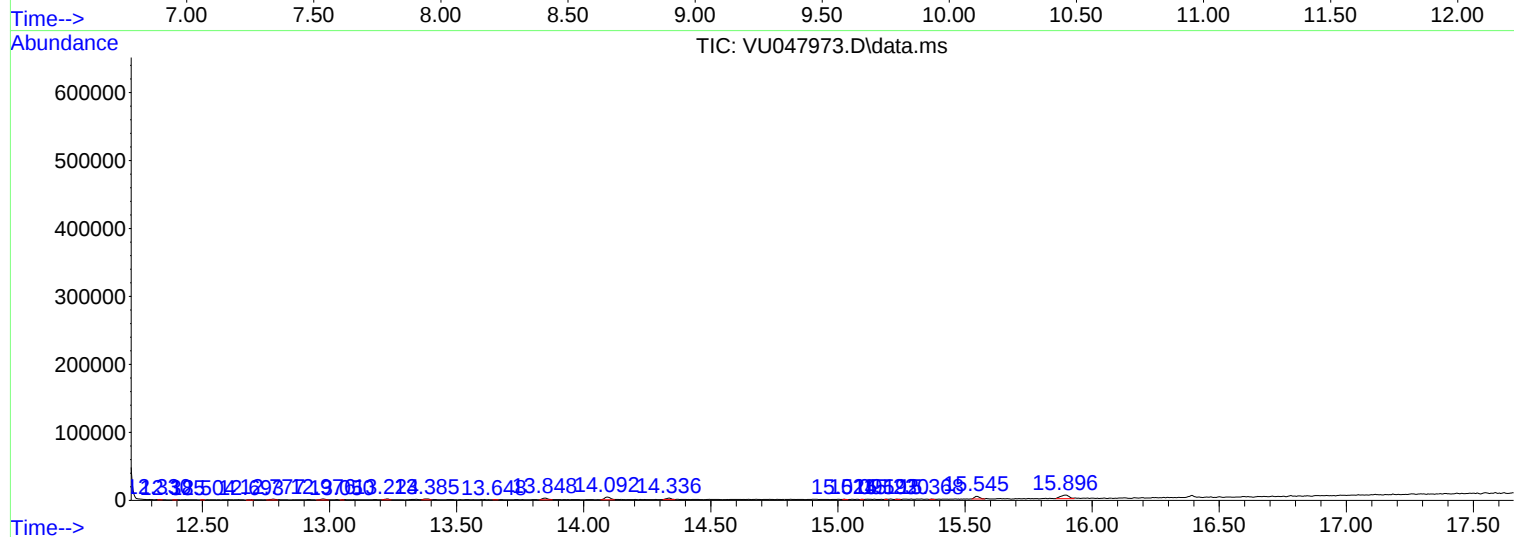
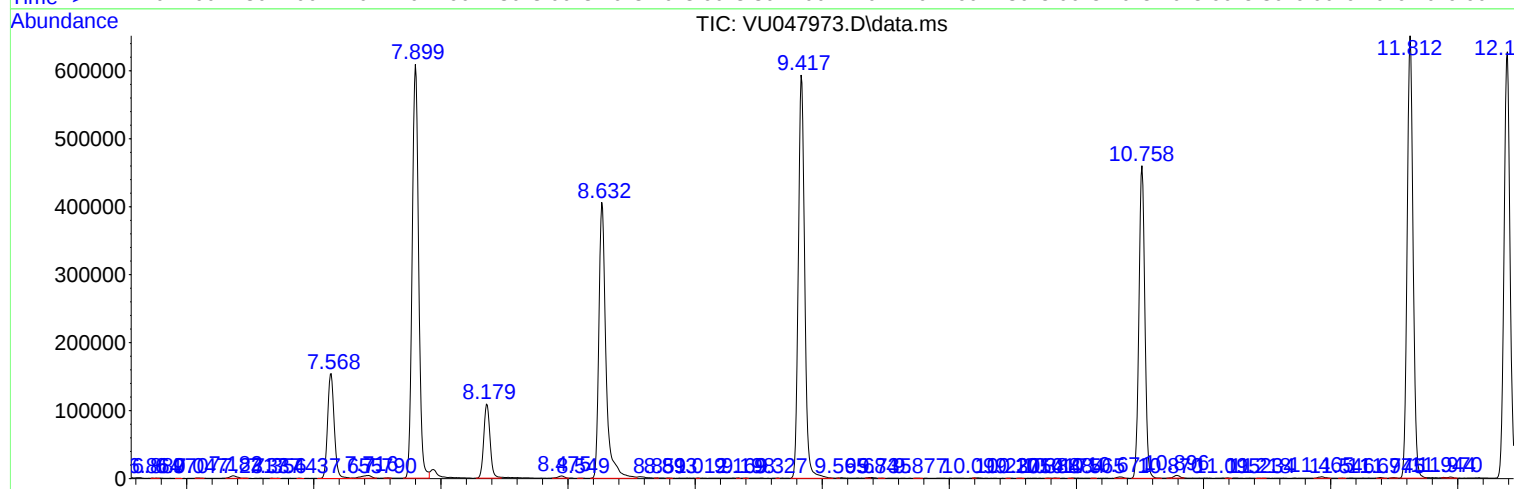
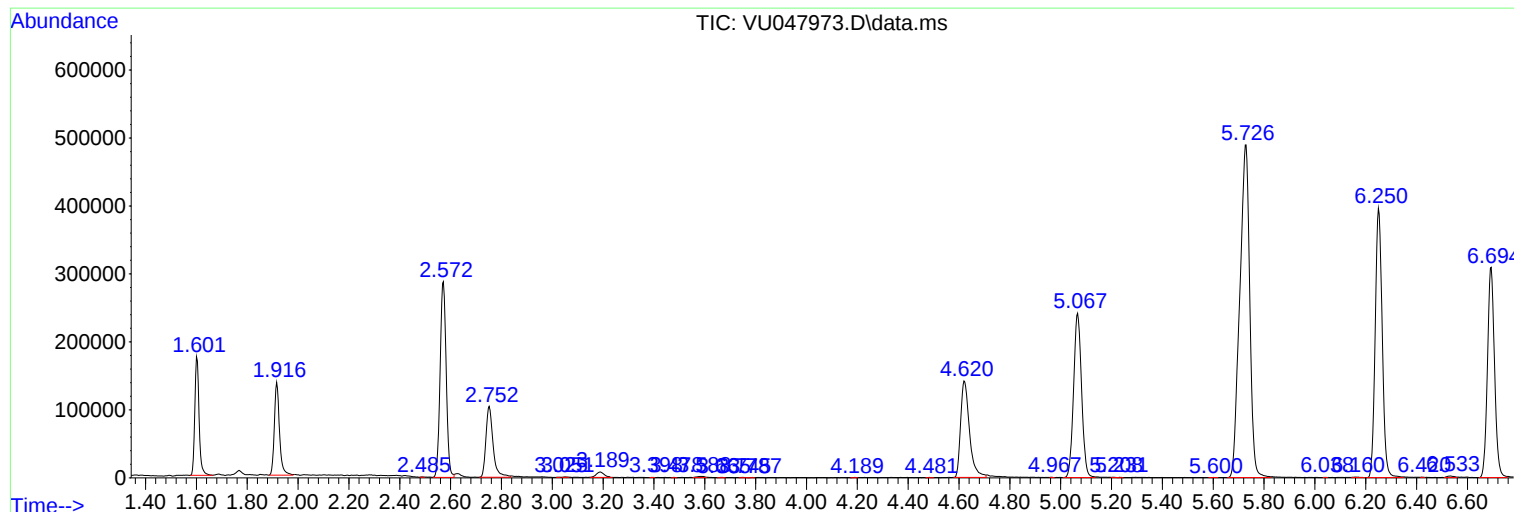
Sum of corrected areas: 10876902

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Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
Quant Title : VOC Analysis

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



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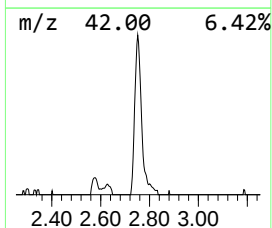
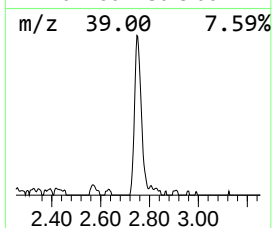
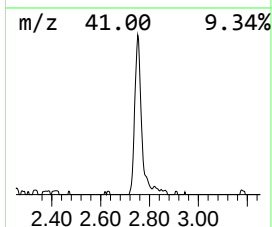
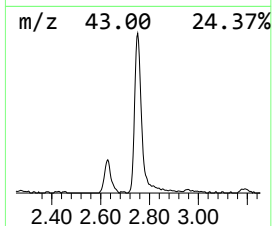
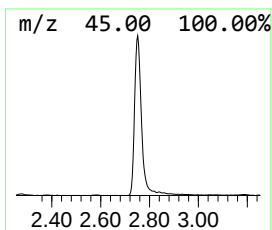
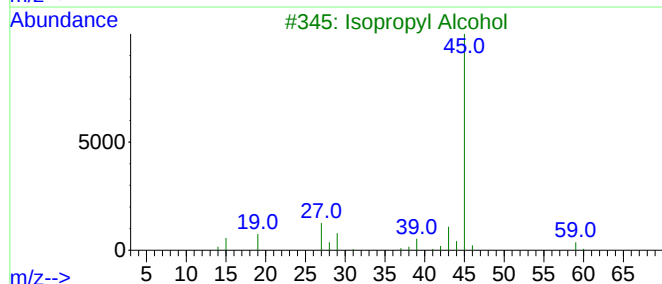
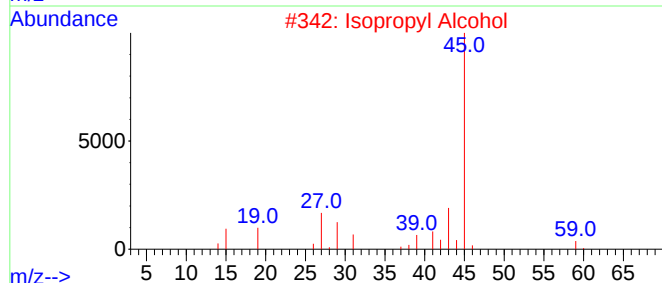
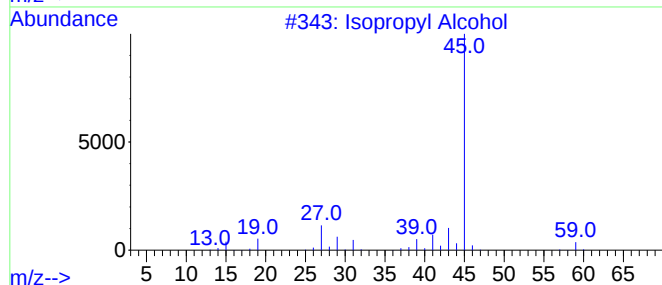
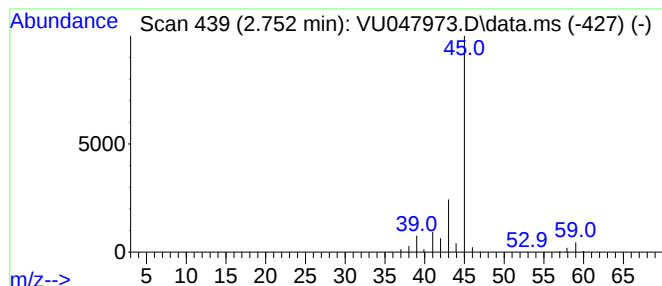
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 1 Isopropyl Alcohol Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD    | R.T.  |
|-------|------------|--------|---------------------|-------|
| 2.752 | 13.21 ug/L | 201549 | 1,4-Difluorobenzene | 6.250 |

| Hit# | of | 5 | Tentative ID      | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------|----|---------|-------------|------|
| 1    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 86   |
| 2    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 78   |
| 3    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 64   |
| 4    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 56   |
| 5    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 56   |



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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 |
| Isopropyl Alcohol | 2.752 | 13.2    | ug/L  | 201549   | 1                     | 6.250 | 762683 | 50.0 |