

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042122\  
 Data File : VU048190.D  
 Acq On : 21 Apr 2022 22:30  
 Operator : SY/MD  
 Sample : N2485-08  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0J10

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: VU048190.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          | 100          | rBV      | 125069         | 145697        | 13.25%          | 1.469%        |
| 2         | 1.916       | 170           | 179         | 197          | rVB      | 99921          | 144421        | 13.14%          | 1.456%        |
| 3         | 2.494       | 357           | 359         | 364          | rVB2     | 526            | 385           | 0.04%           | 0.004%        |
| 4         | 2.523       | 364           | 368         | 370          | rBV2     | 454            | 408           | 0.04%           | 0.004%        |
| 5         | 2.568       | 370           | 382         | 394          | rBV      | 225988         | 369381        | 33.60%          | 3.724%        |
| 6         | 2.752       | 425           | 439         | 473          | rBV      | 559767         | 1063653       | 96.75%          | 10.722%       |
| 7         | 3.182       | 564           | 573         | 586          | rVB5     | 1817           | 4485          | 0.41%           | 0.045%        |
| 8         | 3.314       | 611           | 614         | 618          | rBV3     | 470            | 414           | 0.04%           | 0.004%        |
| 9         | 3.555       | 686           | 689         | 691          | rBV2     | 374            | 196           | 0.02%           | 0.002%        |
| 10        | 3.726       | 737           | 742         | 746          | rBV2     | 205            | 234           | 0.02%           | 0.002%        |
| 11        | 3.896       | 791           | 795         | 798          | rVB3     | 227            | 201           | 0.02%           | 0.002%        |
| 12        | 4.015       | 828           | 832         | 836          | rVB      | 267            | 218           | 0.02%           | 0.002%        |
| 13        | 4.118       | 861           | 864         | 867          | rVB      | 383            | 212           | 0.02%           | 0.002%        |
| 14        | 4.160       | 873           | 877         | 879          | rVV      | 324            | 248           | 0.02%           | 0.003%        |
| 15        | 4.182       | 879           | 884         | 888          | rVV2     | 240            | 281           | 0.03%           | 0.003%        |
| 16        | 4.221       | 893           | 896         | 899          | rVV2     | 305            | 240           | 0.02%           | 0.002%        |
| 17        | 4.260       | 903           | 908         | 911          | rVV2     | 199            | 245           | 0.02%           | 0.002%        |
| 18        | 4.282       | 912           | 915         | 918          | rVB      | 273            | 193           | 0.02%           | 0.002%        |
| 19        | 4.305       | 918           | 922         | 928          | rBV2     | 361            | 372           | 0.03%           | 0.004%        |
| 20        | 4.430       | 958           | 961         | 966          | rVB      | 333            | 243           | 0.02%           | 0.002%        |
| 21        | 4.549       | 995           | 998         | 1003         | rVB2     | 277            | 303           | 0.03%           | 0.003%        |
| 22        | 4.620       | 1003          | 1020        | 1062         | rBV      | 118638         | 298861        | 27.18%          | 3.013%        |
| 23        | 5.067       | 1141          | 1159        | 1180         | rBV      | 201941         | 441669        | 40.17%          | 4.452%        |
| 24        | 5.285       | 1222          | 1227        | 1231         | rBV4     | 442            | 561           | 0.05%           | 0.006%        |
| 25        | 5.382       | 1253          | 1257        | 1261         | rVB      | 236            | 200           | 0.02%           | 0.002%        |
| 26        | 5.407       | 1261          | 1265        | 1269         | rBV      | 255            | 212           | 0.02%           | 0.002%        |
| 27        | 5.584       | 1317          | 1320        | 1324         | rVB2     | 275            | 198           | 0.02%           | 0.002%        |
| 28        | 5.729       | 1343          | 1365        | 1394         | rBV2     | 401135         | 1099381       | 100.00%         | 11.083%       |
| 29        | 6.047       | 1460          | 1464        | 1467         | rVB2     | 417            | 330           | 0.03%           | 0.003%        |
| 30        | 6.070       | 1467          | 1471        | 1477         | rBV2     | 398            | 387           | 0.04%           | 0.004%        |
| 31        | 6.128       | 1485          | 1489        | 1495         | rVB3     | 382            | 323           | 0.03%           | 0.003%        |
| 32        | 6.250       | 1509          | 1527        | 1553         | rBV      | 351076         | 679447        | 61.80%          | 6.849%        |
| 33        | 6.420       | 1576          | 1580        | 1583         | rBV2     | 359            | 314           | 0.03%           | 0.003%        |
| 34        | 6.533       | 1607          | 1615        | 1622         | rBV5     | 1089           | 1955          | 0.18%           | 0.020%        |
| 35        | 6.610       | 1635          | 1639        | 1641         | rBV2     | 287            | 195           | 0.02%           | 0.002%        |
| 36        | 6.690       | 1649          | 1664        | 1686         | rBV      | 256114         | 503202        | 45.77%          | 5.073%        |

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

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 6.803  | 1696 | 1699 | 1700 | rBV2 | 532    | 237    | 0.02%  | 0.002% |
| 38 | 6.899  | 1726 | 1729 | 1733 | rBV  | 232    | 197    | 0.02%  | 0.002% |
| 39 | 6.951  | 1742 | 1745 | 1749 | rVB2 | 300    | 221    | 0.02%  | 0.002% |
| 40 | 7.047  | 1772 | 1775 | 1780 | rBV  | 326    | 277    | 0.03%  | 0.003% |
| 41 | 7.182  | 1809 | 1817 | 1830 | rVB5 | 2414   | 3990   | 0.36%  | 0.040% |
| 42 | 7.333  | 1860 | 1864 | 1866 | rBV2 | 283    | 199    | 0.02%  | 0.002% |
| 43 | 7.378  | 1874 | 1878 | 1884 | rBV2 | 476    | 463    | 0.04%  | 0.005% |
| 44 | 7.462  | 1899 | 1904 | 1909 | rBV2 | 286    | 261    | 0.02%  | 0.003% |
| 45 | 7.568  | 1924 | 1937 | 1954 | rBV  | 125870 | 221322 | 20.13% | 2.231% |
| 46 | 7.665  | 1965 | 1967 | 1968 | rBV  | 470    | 199    | 0.02%  | 0.002% |
| 47 | 7.690  | 1970 | 1975 | 1989 | rVB4 | 2037   | 3119   | 0.28%  | 0.031% |
| 48 | 7.796  | 2003 | 2008 | 2013 | rBV4 | 572    | 498    | 0.05%  | 0.005% |
| 49 | 7.899  | 2024 | 2040 | 2056 | rBV  | 473485 | 823761 | 74.93% | 8.304% |
| 50 | 8.179  | 2116 | 2127 | 2149 | rBV  | 86790  | 150685 | 13.71% | 1.519% |
| 51 | 8.324  | 2169 | 2172 | 2176 | rVB4 | 669    | 473    | 0.04%  | 0.005% |
| 52 | 8.420  | 2199 | 2202 | 2205 | rBV3 | 254    | 216    | 0.02%  | 0.002% |
| 53 | 8.632  | 2256 | 2268 | 2312 | rBV  | 328284 | 657556 | 59.81% | 6.629% |
| 54 | 8.841  | 2330 | 2333 | 2336 | rVB3 | 486    | 347    | 0.03%  | 0.003% |
| 55 | 8.944  | 2362 | 2365 | 2369 | rVB3 | 309    | 231    | 0.02%  | 0.002% |
| 56 | 9.163  | 2431 | 2433 | 2441 | rVB3 | 365    | 371    | 0.03%  | 0.004% |
| 57 | 9.417  | 2499 | 2512 | 2553 | rVV  | 541528 | 927201 | 84.34% | 9.347% |
| 58 | 9.639  | 2579 | 2581 | 2584 | rVB2 | 403    | 207    | 0.02%  | 0.002% |
| 59 | 9.681  | 2590 | 2594 | 2595 | rBV2 | 537    | 330    | 0.03%  | 0.003% |
| 60 | 9.771  | 2618 | 2622 | 2627 | rBV2 | 203    | 248    | 0.02%  | 0.003% |
| 61 | 9.857  | 2643 | 2649 | 2652 | rBV2 | 236    | 300    | 0.03%  | 0.003% |
| 62 | 9.954  | 2676 | 2679 | 2685 | rVB  | 321    | 343    | 0.03%  | 0.003% |
| 63 | 9.996  | 2688 | 2692 | 2695 | rBV  | 230    | 246    | 0.02%  | 0.002% |
| 64 | 10.108 | 2718 | 2727 | 2731 | rVV3 | 566    | 638    | 0.06%  | 0.006% |
| 65 | 10.481 | 2842 | 2843 | 2849 | rVB  | 352    | 214    | 0.02%  | 0.002% |
| 66 | 10.587 | 2872 | 2876 | 2879 | rBV2 | 263    | 245    | 0.02%  | 0.002% |
| 67 | 10.632 | 2886 | 2890 | 2892 | rBV  | 254    | 240    | 0.02%  | 0.002% |
| 68 | 10.674 | 2897 | 2903 | 2915 | rVB4 | 1083   | 1396   | 0.13%  | 0.014% |
| 69 | 10.758 | 2915 | 2929 | 2950 | rBV  | 397968 | 648187 | 58.96% | 6.534% |
| 70 | 10.873 | 2961 | 2965 | 2967 | rBV  | 434    | 329    | 0.03%  | 0.003% |
| 71 | 10.893 | 2967 | 2971 | 2972 | rBV3 | 867    | 615    | 0.06%  | 0.006% |
| 72 | 11.089 | 3028 | 3032 | 3034 | rBV3 | 333    | 280    | 0.03%  | 0.003% |
| 73 | 11.340 | 3105 | 3110 | 3115 | rBV2 | 303    | 326    | 0.03%  | 0.003% |
| 74 | 11.465 | 3142 | 3149 | 3152 | rBV5 | 1107   | 1287   | 0.12%  | 0.013% |
| 75 | 11.623 | 3196 | 3198 | 3206 | rVB2 | 307    | 229    | 0.02%  | 0.002% |
| 76 | 11.661 | 3206 | 3210 | 3212 | rBV  | 293    | 217    | 0.02%  | 0.002% |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Min Area: 0 % of largest Peak

Start Thrs: 0.2

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

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 11.745 | 3230 | 3236 | 3244 | rBV2 | 1127   | 1704   | 0.15%  | 0.017% |
| 78  | 11.812 | 3244 | 3257 | 3278 | rBV  | 533174 | 871237 | 79.25% | 8.783% |
| 79  | 11.970 | 3302 | 3306 | 3308 | rBV4 | 690    | 589    | 0.05%  | 0.006% |
| 80  | 12.012 | 3315 | 3319 | 3322 | rBV3 | 462    | 346    | 0.03%  | 0.003% |
| 81  | 12.066 | 3328 | 3336 | 3348 | rBV5 | 2662   | 4772   | 0.43%  | 0.048% |
| 82  | 12.195 | 3362 | 3376 | 3392 | rBV  | 484598 | 821359 | 74.71% | 8.280% |
| 83  | 12.327 | 3414 | 3417 | 3424 | rVB3 | 568    | 762    | 0.07%  | 0.008% |
| 84  | 12.385 | 3432 | 3435 | 3437 | rBV3 | 375    | 217    | 0.02%  | 0.002% |
| 85  | 12.478 | 3460 | 3464 | 3467 | rBV3 | 375    | 280    | 0.03%  | 0.003% |
| 86  | 12.533 | 3478 | 3481 | 3485 | rBV4 | 411    | 318    | 0.03%  | 0.003% |
| 87  | 12.558 | 3485 | 3489 | 3491 | rBV3 | 295    | 249    | 0.02%  | 0.003% |
| 88  | 12.748 | 3545 | 3548 | 3551 | rBV2 | 293    | 202    | 0.02%  | 0.002% |
| 89  | 12.822 | 3569 | 3571 | 3573 | rBV2 | 386    | 207    | 0.02%  | 0.002% |
| 90  | 12.861 | 3580 | 3583 | 3585 | rBV2 | 314    | 223    | 0.02%  | 0.002% |
| 91  | 13.089 | 3651 | 3654 | 3659 | rBV2 | 225    | 214    | 0.02%  | 0.002% |
| 92  | 13.188 | 3682 | 3685 | 3688 | rBV  | 319    | 203    | 0.02%  | 0.002% |
| 93  | 13.224 | 3688 | 3696 | 3698 | rBV4 | 713    | 925    | 0.08%  | 0.009% |
| 94  | 13.430 | 3757 | 3760 | 3762 | rBV3 | 472    | 291    | 0.03%  | 0.003% |
| 95  | 13.475 | 3772 | 3774 | 3777 | rBV2 | 318    | 219    | 0.02%  | 0.002% |
| 96  | 13.590 | 3802 | 3810 | 3813 | rBV2 | 324    | 536    | 0.05%  | 0.005% |
| 97  | 13.848 | 3882 | 3890 | 3903 | rVB6 | 3922   | 5803   | 0.53%  | 0.058% |
| 98  | 14.105 | 3961 | 3970 | 3972 | rBV3 | 1001   | 1614   | 0.15%  | 0.016% |
| 99  | 15.156 | 4294 | 4297 | 4299 | rBV2 | 588    | 418    | 0.04%  | 0.004% |
| 100 | 15.221 | 4315 | 4317 | 4319 | rBV  | 583    | 302    | 0.03%  | 0.003% |

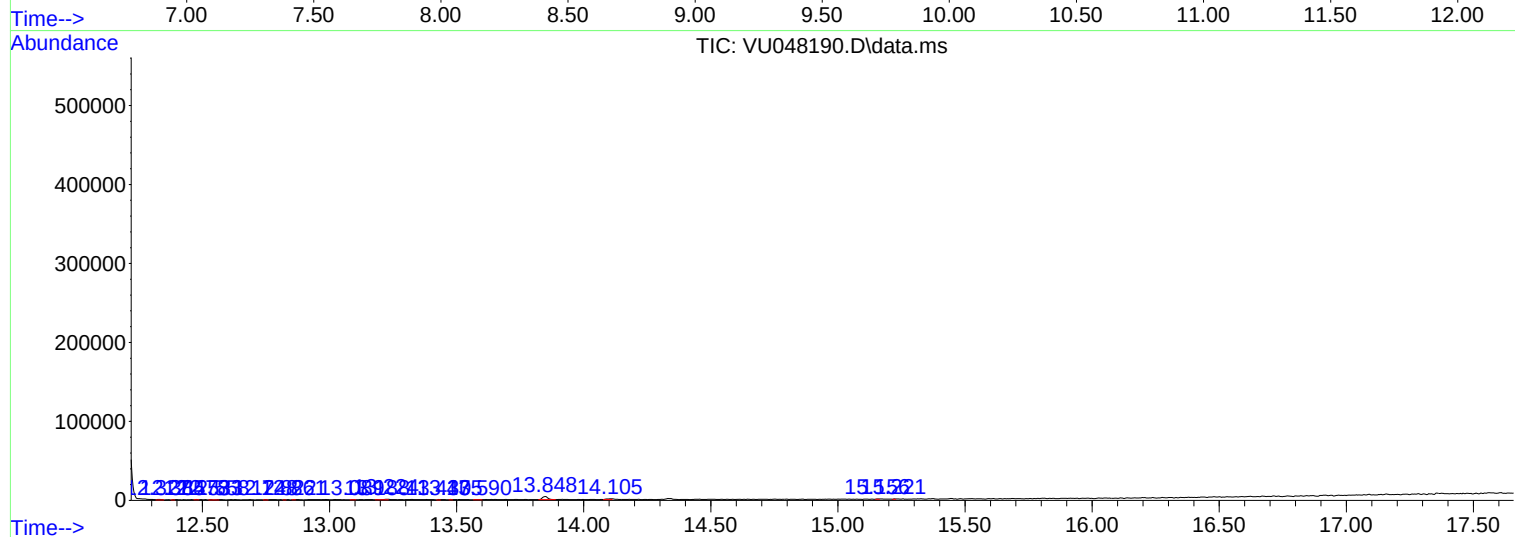
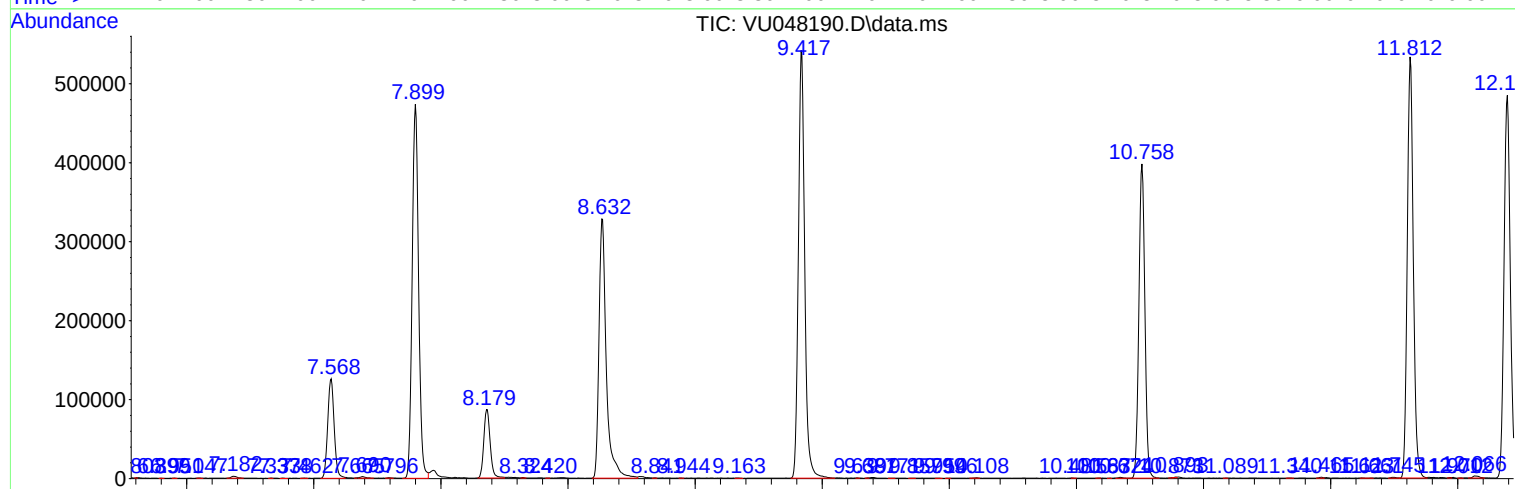
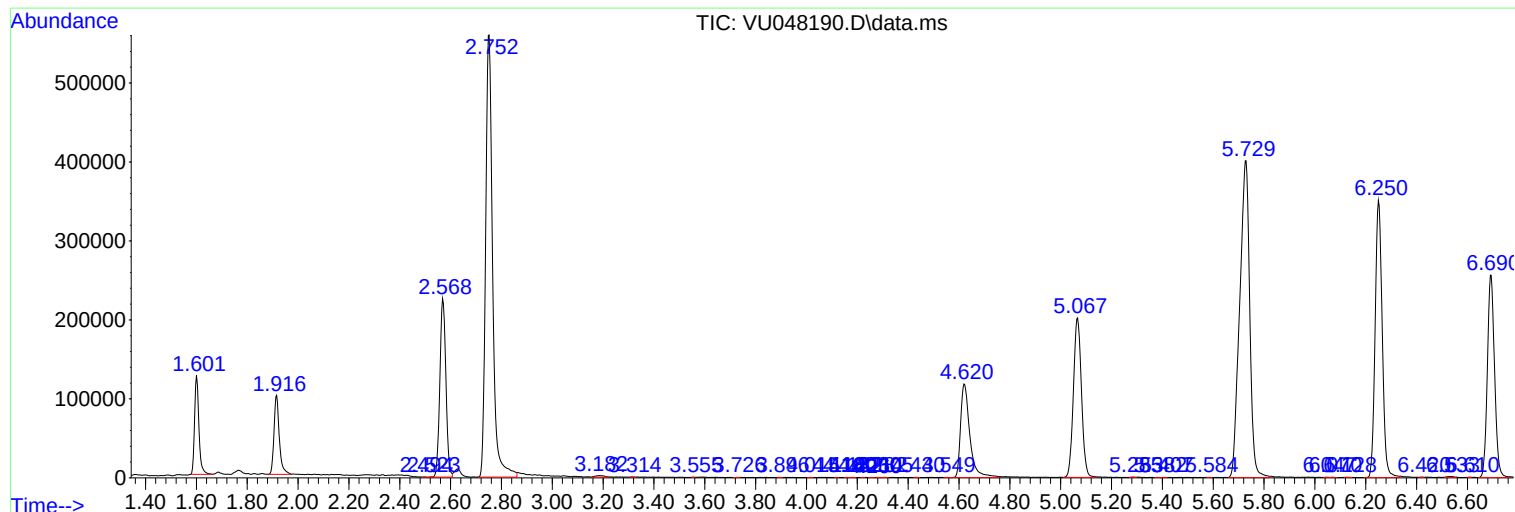
Sum of corrected areas: 9919956

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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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042122\  
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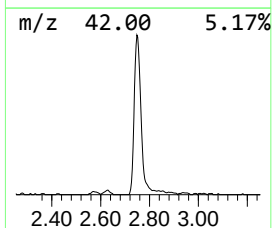
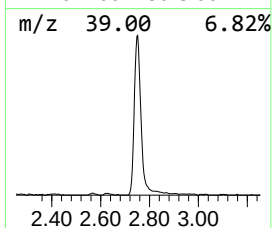
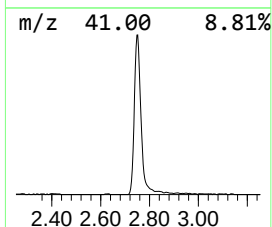
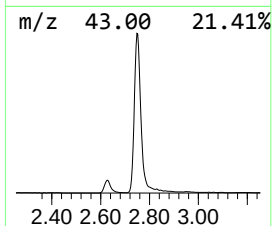
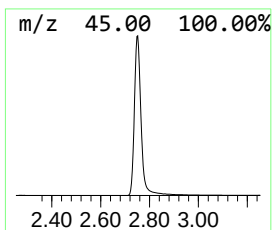
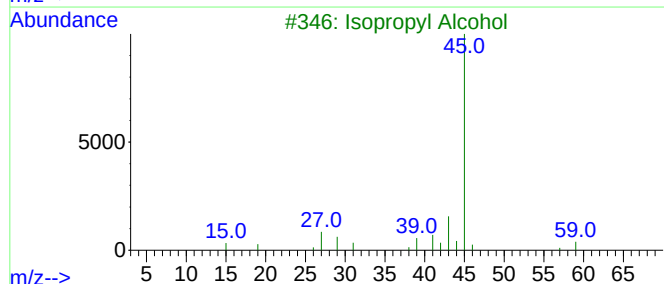
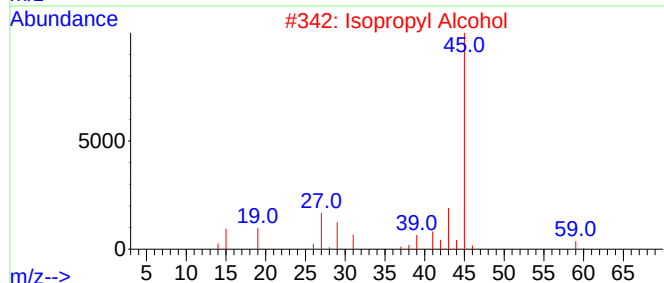
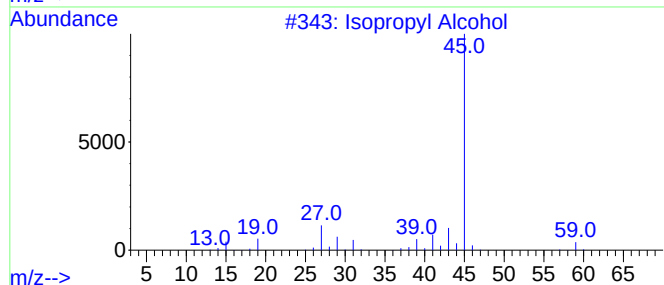
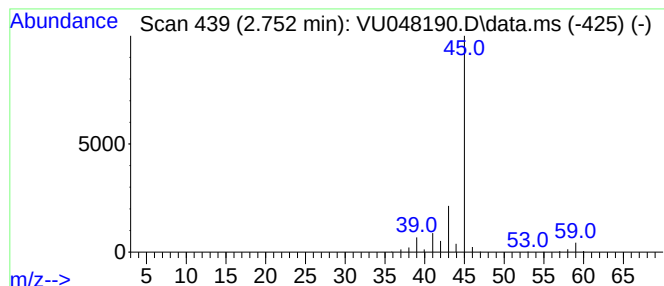
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
Quant Title : VOC Analysis

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

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

| R.T.  | EstConc    | Area    | Relative to ISTD    | R.T.  |
|-------|------------|---------|---------------------|-------|
| 2.752 | 78.27 ug/L | 1063650 | 1,4-Difluorobenzene | 6.250 |

| Hit# | of | 5 | Tentative ID      | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------|----|---------|-------------|------|
| 1    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 90   |
| 2    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 83   |
| 3    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 64   |
| 4    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 64   |
| 5    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 64   |



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| TIC Top Hit name  | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|-------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                   |       |         |       |          | #                     | RT    | Resp   | Conc |
| Isopropyl Alcohol | 2.752 | 78.3    | ug/L  | 1063650  | 1                     | 6.250 | 679447 | 50.0 |