

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041422\  
 Data File : VU048082.D  
 Acq On : 15 Apr 2022 00:35  
 Operator : SY/MD  
 Sample : N2387-14  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0J92

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: VU048082.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          | 97           | rBV      | 105754         | 122586        | 11.64%          | 1.359%        |
| 2         | 1.916       | 171           | 179         | 210          | rVB      | 98711          | 142605        | 13.54%          | 1.581%        |
| 3         | 2.572       | 370           | 383         | 398          | rBV      | 196524         | 324151        | 30.77%          | 3.594%        |
| 4         | 2.687       | 416           | 419         | 421          | rBV3     | 302            | 212           | 0.02%           | 0.002%        |
| 5         | 2.752       | 426           | 439         | 474          | rBV      | 287950         | 557561        | 52.93%          | 6.182%        |
| 6         | 3.189       | 562           | 575         | 589          | rBV2     | 4892           | 11155         | 1.06%           | 0.124%        |
| 7         | 3.263       | 596           | 598         | 601          | rBV      | 341            | 209           | 0.02%           | 0.002%        |
| 8         | 3.350       | 624           | 625         | 629          | rVB2     | 387            | 237           | 0.02%           | 0.003%        |
| 9         | 3.401       | 636           | 641         | 644          | rBV5     | 392            | 318           | 0.03%           | 0.004%        |
| 10        | 3.446       | 653           | 655         | 658          | rVB2     | 490            | 225           | 0.02%           | 0.002%        |
| 11        | 3.556       | 683           | 689         | 692          | rVB2     | 337            | 259           | 0.02%           | 0.003%        |
| 12        | 3.581       | 692           | 697         | 700          | rBV3     | 340            | 402           | 0.04%           | 0.004%        |
| 13        | 3.629       | 706           | 712         | 718          | rBV3     | 473            | 684           | 0.06%           | 0.008%        |
| 14        | 3.700       | 731           | 734         | 738          | rBV2     | 287            | 255           | 0.02%           | 0.003%        |
| 15        | 3.813       | 764           | 769         | 771          | rVB2     | 297            | 211           | 0.02%           | 0.002%        |
| 16        | 3.829       | 771           | 774         | 780          | rBV2     | 341            | 256           | 0.02%           | 0.003%        |
| 17        | 3.864       | 781           | 785         | 788          | rVV3     | 233            | 182           | 0.02%           | 0.002%        |
| 18        | 3.938       | 804           | 808         | 810          | rBV2     | 403            | 335           | 0.03%           | 0.004%        |
| 19        | 3.993       | 820           | 825         | 827          | rBV      | 242            | 210           | 0.02%           | 0.002%        |
| 20        | 4.215       | 891           | 894         | 896          | rBV      | 375            | 232           | 0.02%           | 0.003%        |
| 21        | 4.269       | 906           | 911         | 916          | rBV2     | 166            | 207           | 0.02%           | 0.002%        |
| 22        | 4.440       | 959           | 964         | 967          | rBV2     | 305            | 224           | 0.02%           | 0.002%        |
| 23        | 4.514       | 983           | 987         | 991          | rVB2     | 312            | 289           | 0.03%           | 0.003%        |
| 24        | 4.549       | 994           | 998         | 1001         | rBV3     | 390            | 377           | 0.04%           | 0.004%        |
| 25        | 4.623       | 1008          | 1021        | 1046         | rBV      | 125222         | 303778        | 28.84%          | 3.368%        |
| 26        | 4.883       | 1099          | 1102        | 1104         | rBV2     | 319            | 189           | 0.02%           | 0.002%        |
| 27        | 5.067       | 1142          | 1159        | 1186         | rBV      | 195684         | 431846        | 40.99%          | 4.789%        |
| 28        | 5.301       | 1222          | 1232        | 1239         | rBV4     | 662            | 1431          | 0.14%           | 0.016%        |
| 29        | 5.340       | 1240          | 1244        | 1248         | rBV2     | 254            | 251           | 0.02%           | 0.003%        |
| 30        | 5.388       | 1257          | 1259        | 1262         | rVB2     | 315            | 205           | 0.02%           | 0.002%        |
| 31        | 5.408       | 1262          | 1265        | 1268         | rVB2     | 346            | 255           | 0.02%           | 0.003%        |
| 32        | 5.427       | 1268          | 1271        | 1273         | rBV      | 230            | 185           | 0.02%           | 0.002%        |
| 33        | 5.488       | 1284          | 1290        | 1294         | rBV2     | 212            | 291           | 0.03%           | 0.003%        |
| 34        | 5.581       | 1316          | 1319        | 1324         | rVB      | 444            | 359           | 0.03%           | 0.004%        |
| 35        | 5.607       | 1324          | 1327        | 1330         | rBV      | 214            | 209           | 0.02%           | 0.002%        |
| 36        | 5.729       | 1342          | 1365        | 1393         | rBV2     | 381157         | 1053437       | 100.00%         | 11.681%       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041422\  
 Data File : VU048082.D  
 Acq On : 15 Apr 2022 00:35  
 Operator : SY/MD  
 Sample : N2387-14  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0J92

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

|    |       |      |      |      |      |        |        |        |        |
|----|-------|------|------|------|------|--------|--------|--------|--------|
| 37 | 5.867 | 1405 | 1408 | 1410 | rBV2 | 453    | 299    | 0.03%  | 0.003% |
| 38 | 6.002 | 1447 | 1450 | 1451 | rBV2 | 285    | 187    | 0.02%  | 0.002% |
| 39 | 6.141 | 1485 | 1493 | 1497 | rBV2 | 361    | 430    | 0.04%  | 0.005% |
| 40 | 6.195 | 1505 | 1510 | 1512 | rVB2 | 299    | 232    | 0.02%  | 0.003% |
| 41 | 6.250 | 1512 | 1527 | 1546 | rBV  | 346374 | 661105 | 62.76% | 7.331% |
| 42 | 6.407 | 1574 | 1576 | 1580 | rVB2 | 346    | 209    | 0.02%  | 0.002% |
| 43 | 6.523 | 1608 | 1612 | 1613 | rBV2 | 736    | 513    | 0.05%  | 0.006% |
| 44 | 6.571 | 1625 | 1627 | 1630 | rVB  | 515    | 312    | 0.03%  | 0.003% |
| 45 | 6.607 | 1635 | 1638 | 1643 | rBV2 | 292    | 207    | 0.02%  | 0.002% |
| 46 | 6.694 | 1650 | 1665 | 1693 | rBV  | 250119 | 492622 | 46.76% | 5.462% |
| 47 | 6.809 | 1696 | 1701 | 1705 | rBV3 | 749    | 881    | 0.08%  | 0.010% |
| 48 | 6.906 | 1728 | 1731 | 1736 | rVB2 | 286    | 195    | 0.02%  | 0.002% |
| 49 | 7.009 | 1760 | 1763 | 1767 | rVB2 | 515    | 378    | 0.04%  | 0.004% |
| 50 | 7.047 | 1771 | 1775 | 1779 | rVB2 | 566    | 523    | 0.05%  | 0.006% |
| 51 | 7.070 | 1779 | 1782 | 1789 | rVB3 | 476    | 331    | 0.03%  | 0.004% |
| 52 | 7.186 | 1810 | 1818 | 1829 | rBV4 | 3125   | 5756   | 0.55%  | 0.064% |
| 53 | 7.272 | 1839 | 1845 | 1849 | rVB2 | 285    | 305    | 0.03%  | 0.003% |
| 54 | 7.465 | 1901 | 1905 | 1910 | rVB2 | 338    | 373    | 0.04%  | 0.004% |
| 55 | 7.568 | 1924 | 1937 | 1956 | rBV  | 113662 | 201412 | 19.12% | 2.233% |
| 56 | 7.690 | 1965 | 1975 | 1984 | rBV4 | 1877   | 3516   | 0.33%  | 0.039% |
| 57 | 7.764 | 1994 | 1998 | 2005 | rVB3 | 339    | 371    | 0.04%  | 0.004% |
| 58 | 7.797 | 2005 | 2008 | 2010 | rBV  | 401    | 253    | 0.02%  | 0.003% |
| 59 | 7.809 | 2010 | 2012 | 2016 | rVB2 | 313    | 223    | 0.02%  | 0.002% |
| 60 | 7.835 | 2016 | 2020 | 2022 | rBV  | 336    | 193    | 0.02%  | 0.002% |
| 61 | 7.899 | 2025 | 2040 | 2057 | rBV  | 441090 | 774333 | 73.51% | 8.586% |
| 62 | 8.034 | 2079 | 2082 | 2087 | rBV2 | 682    | 620    | 0.06%  | 0.007% |
| 63 | 8.179 | 2115 | 2127 | 2142 | rBV  | 80737  | 139962 | 13.29% | 1.552% |
| 64 | 8.469 | 2208 | 2217 | 2218 | rBV4 | 1762   | 1949   | 0.19%  | 0.022% |
| 65 | 8.536 | 2236 | 2238 | 2242 | rBV  | 360    | 194    | 0.02%  | 0.002% |
| 66 | 8.632 | 2256 | 2268 | 2297 | rBV  | 295328 | 579955 | 55.05% | 6.431% |
| 67 | 8.777 | 2311 | 2313 | 2315 | rVB3 | 681    | 247    | 0.02%  | 0.003% |
| 68 | 8.809 | 2321 | 2323 | 2325 | rVB3 | 561    | 209    | 0.02%  | 0.002% |
| 69 | 9.092 | 2406 | 2411 | 2414 | rBV3 | 253    | 230    | 0.02%  | 0.003% |
| 70 | 9.144 | 2424 | 2427 | 2429 | rBV2 | 331    | 185    | 0.02%  | 0.002% |
| 71 | 9.343 | 2487 | 2489 | 2493 | rVB2 | 390    | 317    | 0.03%  | 0.004% |
| 72 | 9.369 | 2493 | 2497 | 2499 | rBV2 | 435    | 373    | 0.04%  | 0.004% |
| 73 | 9.417 | 2499 | 2512 | 2550 | rVV  | 489412 | 842969 | 80.02% | 9.347% |
| 74 | 9.568 | 2556 | 2559 | 2569 | rVB4 | 465    | 581    | 0.06%  | 0.006% |
| 75 | 9.687 | 2588 | 2596 | 2597 | rBV3 | 826    | 695    | 0.07%  | 0.008% |
| 76 | 9.816 | 2632 | 2636 | 2641 | rVB  | 251    | 203    | 0.02%  | 0.002% |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041422\  
 Data File : VU048082.D  
 Acq On : 15 Apr 2022 00:35  
 Operator : SY/MD  
 Sample : N2387-14  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0J92

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

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 9.973  | 2682 | 2685 | 2694 | rVB2 | 492    | 575    | 0.05%  | 0.006% |
| 78  | 10.021 | 2694 | 2700 | 2701 | rBV  | 271    | 270    | 0.03%  | 0.003% |
| 79  | 10.095 | 2719 | 2723 | 2728 | rVB3 | 530    | 518    | 0.05%  | 0.006% |
| 80  | 10.282 | 2774 | 2781 | 2783 | rBV  | 233    | 267    | 0.03%  | 0.003% |
| 81  | 10.321 | 2791 | 2793 | 2795 | rBV  | 359    | 222    | 0.02%  | 0.002% |
| 82  | 10.758 | 2913 | 2929 | 2947 | rBV  | 402968 | 649632 | 61.67% | 7.203% |
| 83  | 10.896 | 2964 | 2972 | 2982 | rBV4 | 3075   | 5524   | 0.52%  | 0.061% |
| 84  | 10.935 | 2982 | 2984 | 2988 | rVB2 | 335    | 195    | 0.02%  | 0.002% |
| 85  | 10.999 | 2999 | 3004 | 3005 | rBV  | 262    | 213    | 0.02%  | 0.002% |
| 86  | 11.163 | 3053 | 3055 | 3061 | rVB2 | 347    | 302    | 0.03%  | 0.003% |
| 87  | 11.298 | 3095 | 3097 | 3100 | rBV2 | 290    | 195    | 0.02%  | 0.002% |
| 88  | 11.430 | 3133 | 3138 | 3142 | rBV2 | 350    | 294    | 0.03%  | 0.003% |
| 89  | 11.452 | 3142 | 3145 | 3146 | rBV  | 426    | 205    | 0.02%  | 0.002% |
| 90  | 11.623 | 3193 | 3198 | 3201 | rBV3 | 324    | 321    | 0.03%  | 0.004% |
| 91  | 11.703 | 3219 | 3223 | 3225 | rBV2 | 343    | 270    | 0.03%  | 0.003% |
| 92  | 11.755 | 3237 | 3239 | 3244 | rVB2 | 595    | 416    | 0.04%  | 0.005% |
| 93  | 11.812 | 3244 | 3257 | 3274 | rBV  | 554707 | 887912 | 84.29% | 9.846% |
| 94  | 11.957 | 3298 | 3302 | 3305 | rBV2 | 403    | 297    | 0.03%  | 0.003% |
| 95  | 11.976 | 3305 | 3308 | 3312 | rVV3 | 538    | 419    | 0.04%  | 0.005% |
| 96  | 12.031 | 3322 | 3325 | 3329 | rBV2 | 363    | 290    | 0.03%  | 0.003% |
| 97  | 12.070 | 3329 | 3337 | 3338 | rBV3 | 1149   | 1022   | 0.10%  | 0.011% |
| 98  | 12.131 | 3352 | 3356 | 3359 | rVB2 | 325    | 235    | 0.02%  | 0.003% |
| 99  | 12.195 | 3363 | 3376 | 3396 | rBV  | 480521 | 798810 | 75.83% | 8.858% |
| 100 | 13.124 | 3660 | 3665 | 3667 | rBV2 | 374    | 324    | 0.03%  | 0.004% |

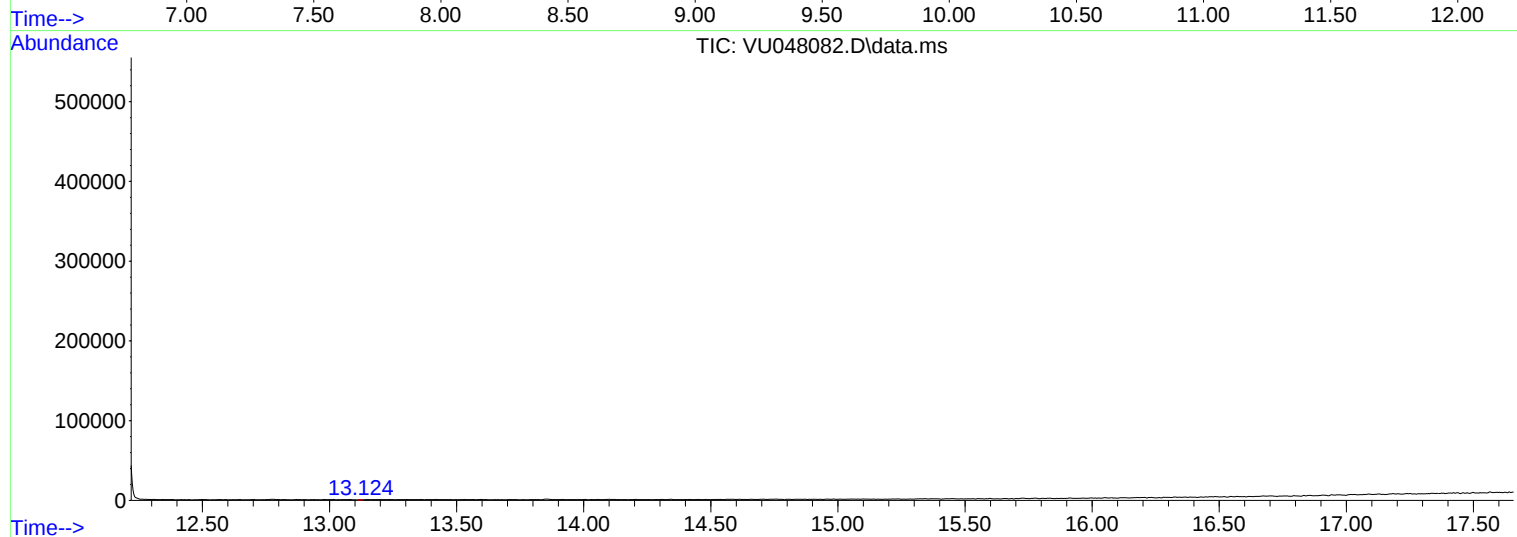
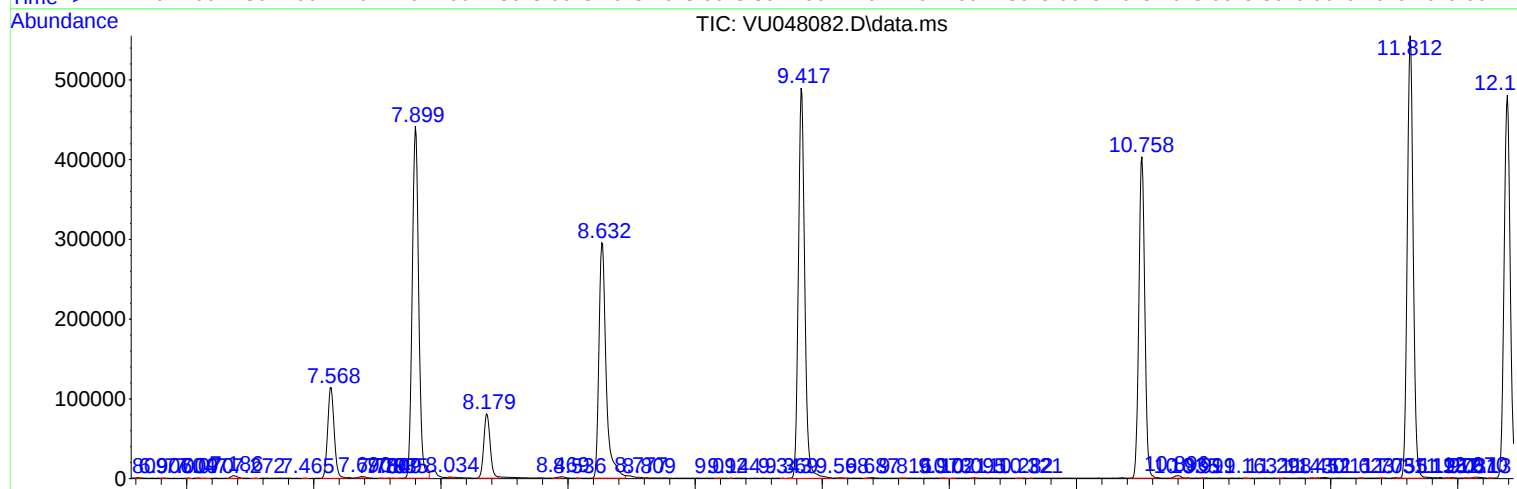
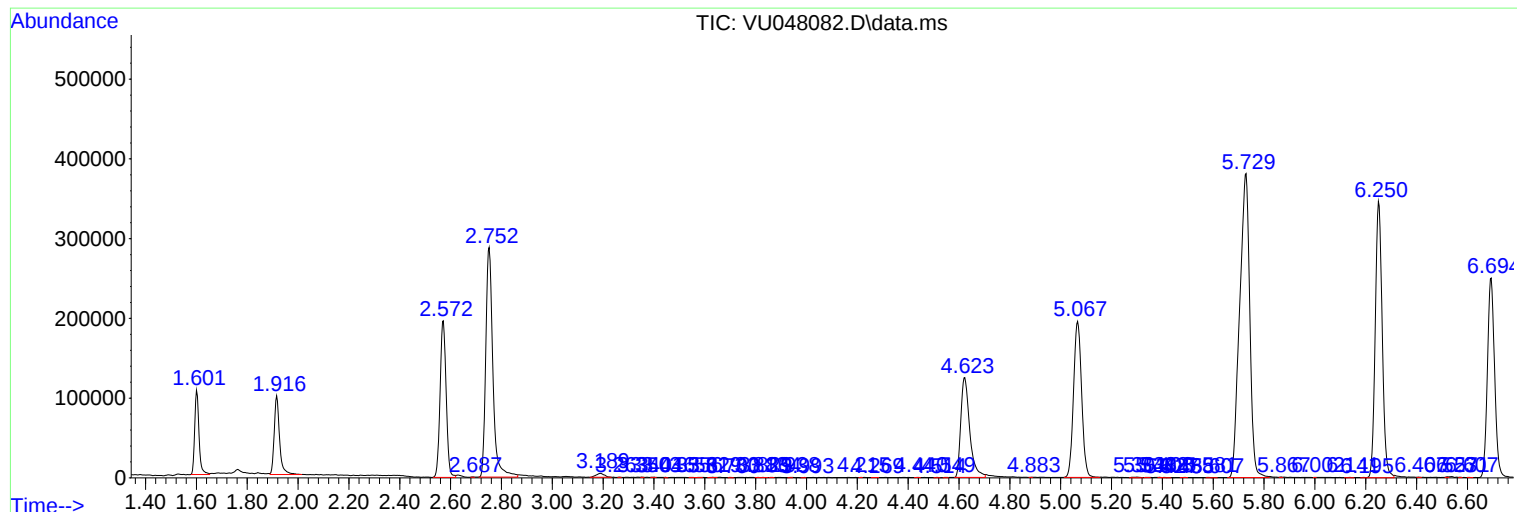
Sum of corrected areas: 9018394

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041422\  
Data File : VU048082.D  
Acq On : 15 Apr 2022 00:35  
Operator : SY/MD  
Sample : N2387-14  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0J92

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\VU041422\  
Data File : VU048082.D  
Acq On : 15 Apr 2022 00:35  
Operator : SY/MD  
Sample : N2387-14  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0J92

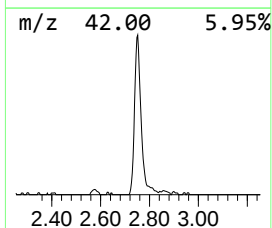
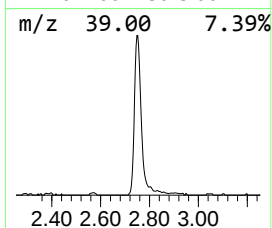
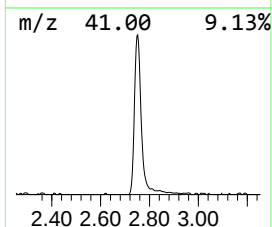
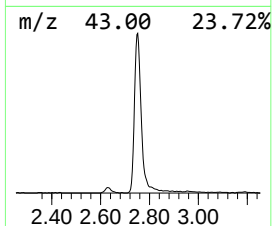
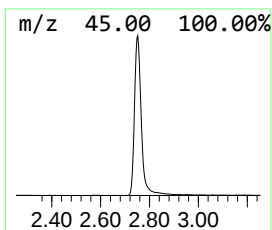
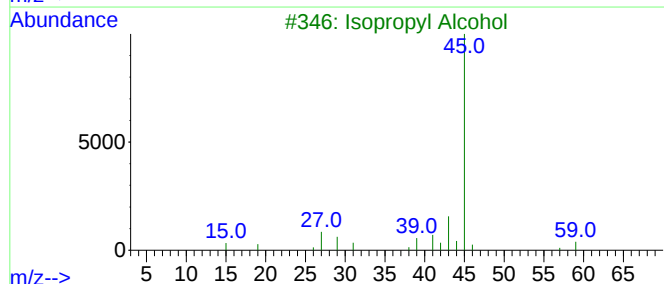
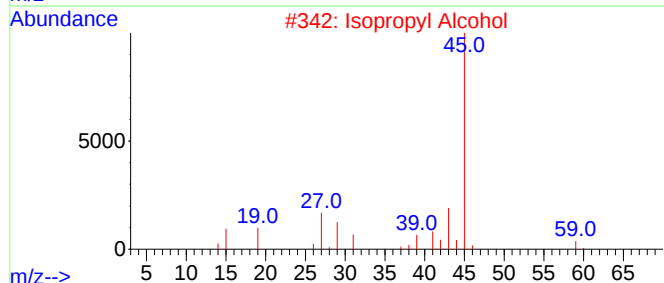
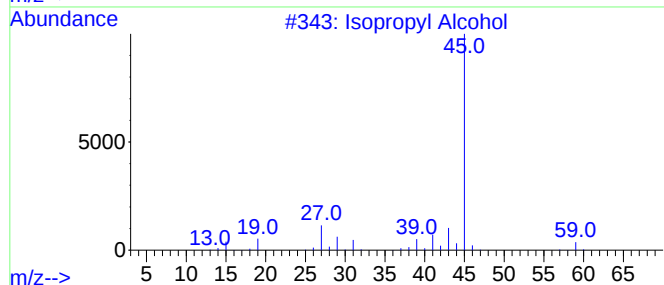
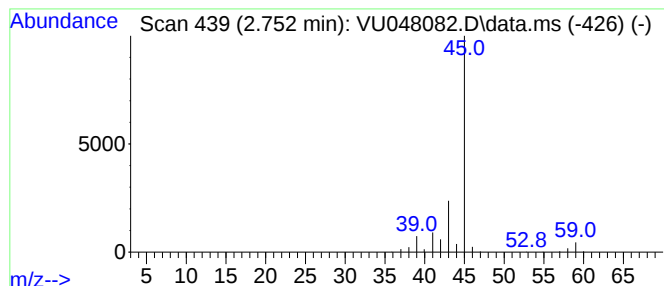
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
Quant Title : VOC Analysis

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 | 42.17 ug/L | 557561 | 1,4-Difluorobenzene | 6.250 |

| Hit# | of | 5 | Tentative ID      | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------|----|---------|-------------|------|
| 1    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 78   |
| 2    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 78   |
| 3    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 56   |
| 4    |    |   | Hydrazine, ethyl- | 60 | C2H8N2  | 000624-80-6 | 40   |
| 5    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 9    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041422\  
Data File : VU048082.D  
Acq On : 15 Apr 2022 00:35  
Operator : SY/MD  
Sample : N2387-14  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0J92

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

| TIC Top Hit name  | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|-------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                   |       |         |       |          | #                     | RT    | Resp   | Conc |
| Isopropyl Alcohol | 2.752 | 42.2    | ug/L  | 557561   | 1                     | 6.250 | 661105 | 50.0 |