

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061824\  
 Data File : VU059321.D  
 Acq On : 18 Jun 2024 19:08  
 Operator : MD/SY  
 Sample : P2856-13  
 Misc : 4.35g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0SH5

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\SFAMULM052924WMA.M  
 Title : VOC Analysis

Signal : TIC: VU059321.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         | 1.480       | 53            | 59          | 66           | rBV2     | 2935           | 3164          | 0.61%           | 0.068%        |
| 2         | 1.592       | 86            | 94          | 120          | rVB      | 28138          | 54675         | 10.62%          | 1.179%        |
| 3         | 1.872       | 136           | 181         | 195          | rBV7     | 65648          | 436673        | 84.83%          | 9.419%        |
| 4         | 2.477       | 366           | 369         | 373          | rBV2     | 518            | 432           | 0.08%           | 0.009%        |
| 5         | 2.534       | 375           | 387         | 404          | rVV      | 83295          | 139117        | 27.02%          | 3.001%        |
| 6         | 2.763       | 451           | 458         | 463          | rBV      | 1433           | 1704          | 0.33%           | 0.037%        |
| 7         | 2.850       | 483           | 485         | 490          | rVB2     | 445            | 277           | 0.05%           | 0.006%        |
| 8         | 2.898       | 497           | 500         | 503          | rVB2     | 405            | 273           | 0.05%           | 0.006%        |
| 9         | 3.026       | 530           | 540         | 558          | rBV2     | 7136           | 16519         | 3.21%           | 0.356%        |
| 10        | 3.171       | 579           | 585         | 587          | rVV3     | 633            | 807           | 0.16%           | 0.017%        |
| 11        | 3.663       | 731           | 738         | 740          | rBV4     | 721            | 768           | 0.15%           | 0.017%        |
| 12        | 3.676       | 740           | 742         | 747          | rVV2     | 568            | 543           | 0.11%           | 0.012%        |
| 13        | 3.724       | 755           | 757         | 760          | rVB      | 306            | 190           | 0.04%           | 0.004%        |
| 14        | 3.866       | 795           | 801         | 810          | rVB2     | 290            | 506           | 0.10%           | 0.011%        |
| 15        | 3.936       | 816           | 823         | 825          | rBV2     | 216            | 248           | 0.05%           | 0.005%        |
| 16        | 4.055       | 856           | 860         | 863          | rVB2     | 234            | 209           | 0.04%           | 0.005%        |
| 17        | 4.309       | 935           | 939         | 943          | rVB2     | 256            | 215           | 0.04%           | 0.005%        |
| 18        | 4.345       | 943           | 950         | 955          | rBV2     | 366            | 619           | 0.12%           | 0.013%        |
| 19        | 4.628       | 1028          | 1038        | 1059         | rBV      | 40123          | 113728        | 22.09%          | 2.453%        |
| 20        | 4.936       | 1131          | 1134        | 1137         | rBV2     | 395            | 318           | 0.06%           | 0.007%        |
| 21        | 5.052       | 1155          | 1170        | 1193         | rBV      | 83692          | 187901        | 36.50%          | 4.053%        |
| 22        | 5.280       | 1236          | 1241        | 1245         | rBV2     | 236            | 289           | 0.06%           | 0.006%        |
| 23        | 5.419       | 1279          | 1284        | 1288         | rBV      | 275            | 278           | 0.05%           | 0.006%        |
| 24        | 5.505       | 1306          | 1311        | 1315         | rBV2     | 259            | 244           | 0.05%           | 0.005%        |
| 25        | 5.608       | 1339          | 1343        | 1348         | rVB2     | 240            | 283           | 0.05%           | 0.006%        |
| 26        | 5.640       | 1348          | 1353        | 1357         | rBV2     | 199            | 218           | 0.04%           | 0.005%        |
| 27        | 5.711       | 1357          | 1375        | 1397         | rBV2     | 175540         | 464163        | 90.17%          | 10.012%       |
| 28        | 5.830       | 1411          | 1412        | 1422         | rVB2     | 426            | 402           | 0.08%           | 0.009%        |
| 29        | 5.972       | 1449          | 1456        | 1460         | rBV4     | 1971           | 2891          | 0.56%           | 0.062%        |
| 30        | 6.036       | 1472          | 1476        | 1482         | rBV2     | 266            | 244           | 0.05%           | 0.005%        |
| 31        | 6.161       | 1509          | 1515        | 1521         | rBV2     | 300            | 506           | 0.10%           | 0.011%        |
| 32        | 6.242       | 1525          | 1540        | 1567         | rBV      | 202057         | 398586        | 77.43%          | 8.597%        |
| 33        | 6.534       | 1618          | 1631        | 1644         | rBV7     | 8534           | 18980         | 3.69%           | 0.409%        |
| 34        | 6.599       | 1644          | 1651        | 1664         | rVV5     | 2522           | 4508          | 0.88%           | 0.097%        |
| 35        | 6.682       | 1664          | 1677        | 1699         | rVV2     | 104693         | 209675        | 40.73%          | 4.522%        |
| 36        | 6.820       | 1715          | 1720        | 1721         | rBV2     | 300            | 220           | 0.04%           | 0.005%        |

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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\SFAMULM052924WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 37 | 7.209  | 1831 | 1841 | 1846 | rBV4 | 1375   | 2489   | 0.48%   | 0.054%  |
| 38 | 7.563  | 1938 | 1951 | 1971 | rBV2 | 50261  | 91951  | 17.86%  | 1.983%  |
| 39 | 7.708  | 1994 | 1996 | 1998 | rBV2 | 445    | 252    | 0.05%   | 0.005%  |
| 40 | 7.894  | 2040 | 2054 | 2073 | rBV  | 187496 | 337582 | 65.58%  | 7.281%  |
| 41 | 7.978  | 2077 | 2080 | 2081 | rBV2 | 938    | 546    | 0.11%   | 0.012%  |
| 42 | 8.039  | 2096 | 2099 | 2103 | rVB3 | 331    | 280    | 0.05%   | 0.006%  |
| 43 | 8.062  | 2103 | 2106 | 2109 | rBV2 | 293    | 217    | 0.04%   | 0.005%  |
| 44 | 8.129  | 2125 | 2127 | 2132 | rVB2 | 455    | 361    | 0.07%   | 0.008%  |
| 45 | 8.177  | 2132 | 2142 | 2162 | rBV  | 33906  | 62558  | 12.15%  | 1.349%  |
| 46 | 8.361  | 2191 | 2199 | 2203 | rVV3 | 454    | 517    | 0.10%   | 0.011%  |
| 47 | 8.547  | 2245 | 2257 | 2273 | rBV2 | 40817  | 70119  | 13.62%  | 1.512%  |
| 48 | 8.644  | 2274 | 2287 | 2318 | rBV  | 106713 | 258108 | 50.14%  | 5.567%  |
| 49 | 8.888  | 2360 | 2363 | 2368 | rBV  | 251    | 190    | 0.04%   | 0.004%  |
| 50 | 9.045  | 2409 | 2412 | 2414 | rBV  | 308    | 243    | 0.05%   | 0.005%  |
| 51 | 9.415  | 2515 | 2527 | 2551 | rBV  | 289397 | 514782 | 100.00% | 11.103% |
| 52 | 9.573  | 2567 | 2576 | 2590 | rVB4 | 2018   | 3846   | 0.75%   | 0.083%  |
| 53 | 9.647  | 2593 | 2599 | 2600 | rBV  | 213    | 204    | 0.04%   | 0.004%  |
| 54 | 9.698  | 2605 | 2615 | 2628 | rBV3 | 4429   | 7564   | 1.47%   | 0.163%  |
| 55 | 9.772  | 2635 | 2638 | 2645 | rVB  | 288    | 323    | 0.06%   | 0.007%  |
| 56 | 9.811  | 2647 | 2650 | 2655 | rBV2 | 282    | 242    | 0.05%   | 0.005%  |
| 57 | 9.875  | 2667 | 2670 | 2673 | rVB  | 379    | 287    | 0.06%   | 0.006%  |
| 58 | 9.897  | 2673 | 2677 | 2681 | rBV  | 312    | 280    | 0.05%   | 0.006%  |
| 59 | 10.103 | 2735 | 2741 | 2751 | rBV2 | 834    | 1159   | 0.23%   | 0.025%  |
| 60 | 10.145 | 2751 | 2754 | 2758 | rVB2 | 221    | 197    | 0.04%   | 0.004%  |
| 61 | 10.489 | 2855 | 2861 | 2866 | rBV3 | 446    | 664    | 0.13%   | 0.014%  |
| 62 | 10.756 | 2932 | 2944 | 2963 | rVV  | 173983 | 287850 | 55.92%  | 6.209%  |
| 63 | 10.891 | 2978 | 2986 | 2988 | rBV2 | 839    | 933    | 0.18%   | 0.020%  |
| 64 | 11.049 | 3031 | 3035 | 3038 | rBV  | 236    | 190    | 0.04%   | 0.004%  |
| 65 | 11.074 | 3040 | 3043 | 3047 | rVB  | 367    | 311    | 0.06%   | 0.007%  |
| 66 | 11.103 | 3047 | 3052 | 3058 | rBV2 | 484    | 608    | 0.12%   | 0.013%  |
| 67 | 11.386 | 3138 | 3140 | 3146 | rVB  | 292    | 219    | 0.04%   | 0.005%  |
| 68 | 11.425 | 3149 | 3152 | 3158 | rBV2 | 233    | 269    | 0.05%   | 0.006%  |
| 69 | 11.470 | 3163 | 3166 | 3167 | rBV2 | 470    | 284    | 0.06%   | 0.006%  |
| 70 | 11.724 | 3241 | 3245 | 3247 | rBV  | 239    | 219    | 0.04%   | 0.005%  |
| 71 | 11.746 | 3248 | 3252 | 3254 | rBV2 | 456    | 321    | 0.06%   | 0.007%  |
| 72 | 11.811 | 3260 | 3272 | 3293 | rBV  | 294027 | 483582 | 93.94%  | 10.430% |
| 73 | 11.981 | 3322 | 3325 | 3331 | rVB3 | 386    | 444    | 0.09%   | 0.010%  |
| 74 | 12.023 | 3333 | 3338 | 3344 | rBV2 | 312    | 385    | 0.07%   | 0.008%  |
| 75 | 12.132 | 3368 | 3372 | 3377 | rBV2 | 282    | 239    | 0.05%   | 0.005%  |
| 76 | 12.193 | 3378 | 3391 | 3418 | rBV  | 191358 | 324205 | 62.98%  | 6.993%  |

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 C0SH5

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\SFAMULM052924WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |       |        |        |        |
|-----|--------|------|------|------|------|-------|--------|--------|--------|
| 77  | 12.624 | 3521 | 3525 | 3527 | rBV2 | 278   | 217    | 0.04%  | 0.005% |
| 78  | 12.695 | 3544 | 3547 | 3551 | rBV  | 251   | 190    | 0.04%  | 0.004% |
| 79  | 12.762 | 3563 | 3568 | 3570 | rBV2 | 642   | 593    | 0.12%  | 0.013% |
| 80  | 12.991 | 3631 | 3639 | 3645 | rBV2 | 364   | 552    | 0.11%  | 0.012% |
| 81  | 13.020 | 3645 | 3648 | 3653 | rBV  | 194   | 198    | 0.04%  | 0.004% |
| 82  | 13.126 | 3678 | 3681 | 3684 | rBV  | 318   | 194    | 0.04%  | 0.004% |
| 83  | 13.145 | 3684 | 3687 | 3691 | rBV2 | 287   | 260    | 0.05%  | 0.006% |
| 84  | 13.376 | 3755 | 3759 | 3760 | rBV  | 302   | 239    | 0.05%  | 0.005% |
| 85  | 13.852 | 3902 | 3907 | 3915 | rVB3 | 598   | 634    | 0.12%  | 0.014% |
| 86  | 13.897 | 3917 | 3921 | 3930 | rBV3 | 399   | 579    | 0.11%  | 0.012% |
| 87  | 14.087 | 3969 | 3980 | 4008 | rBV  | 59749 | 110120 | 21.39% | 2.375% |
| 88  | 14.212 | 4012 | 4019 | 4027 | rVB3 | 841   | 1478   | 0.29%  | 0.032% |
| 89  | 14.261 | 4032 | 4034 | 4037 | rVB2 | 444   | 205    | 0.04%  | 0.004% |
| 90  | 14.335 | 4052 | 4057 | 4059 | rBV3 | 373   | 314    | 0.06%  | 0.007% |
| 91  | 14.380 | 4069 | 4071 | 4075 | rVB2 | 343   | 207    | 0.04%  | 0.004% |
| 92  | 14.437 | 4085 | 4089 | 4094 | rBV2 | 399   | 354    | 0.07%  | 0.008% |
| 93  | 14.463 | 4094 | 4097 | 4099 | rBV2 | 343   | 237    | 0.05%  | 0.005% |
| 94  | 14.775 | 4191 | 4194 | 4199 | rBV2 | 303   | 250    | 0.05%  | 0.005% |
| 95  | 15.010 | 4263 | 4267 | 4272 | rBV3 | 445   | 510    | 0.10%  | 0.011% |
| 96  | 15.174 | 4315 | 4318 | 4320 | rBV  | 345   | 255    | 0.05%  | 0.006% |
| 97  | 15.238 | 4333 | 4338 | 4343 | rBV4 | 963   | 1434   | 0.28%  | 0.031% |
| 98  | 15.421 | 4390 | 4395 | 4397 | rBV3 | 1022  | 1034   | 0.20%  | 0.022% |
| 99  | 16.138 | 4615 | 4618 | 4619 | rBV2 | 622   | 391    | 0.08%  | 0.008% |
| 100 | 16.630 | 4768 | 4771 | 4772 | rBV  | 789   | 435    | 0.08%  | 0.009% |

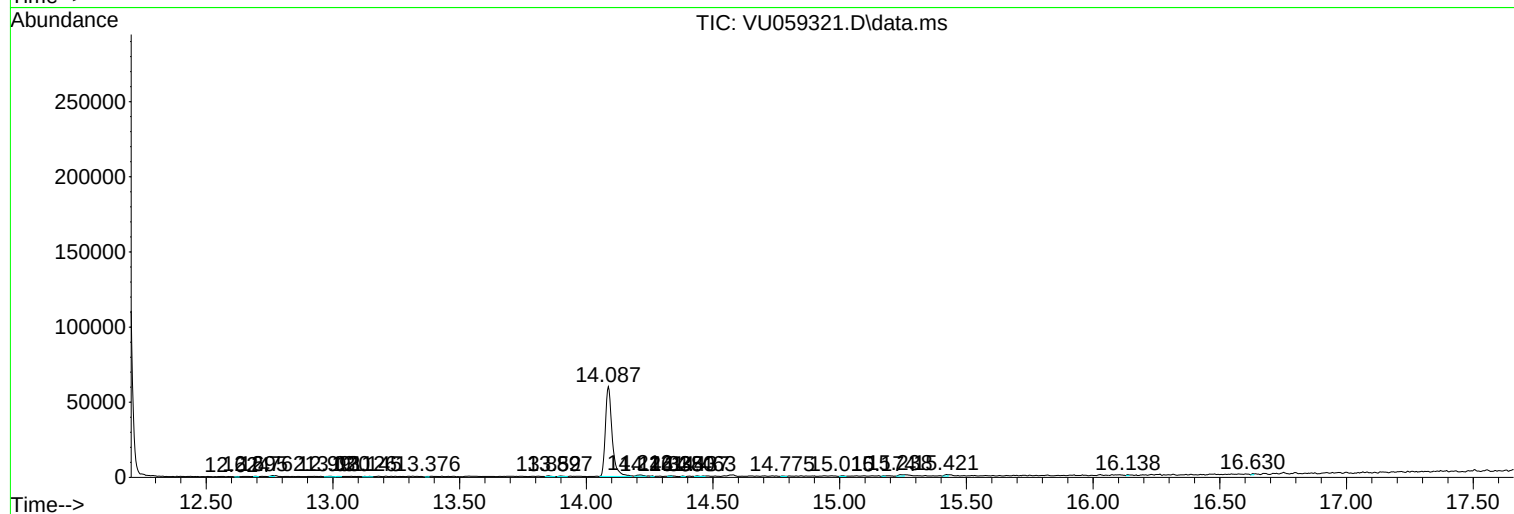
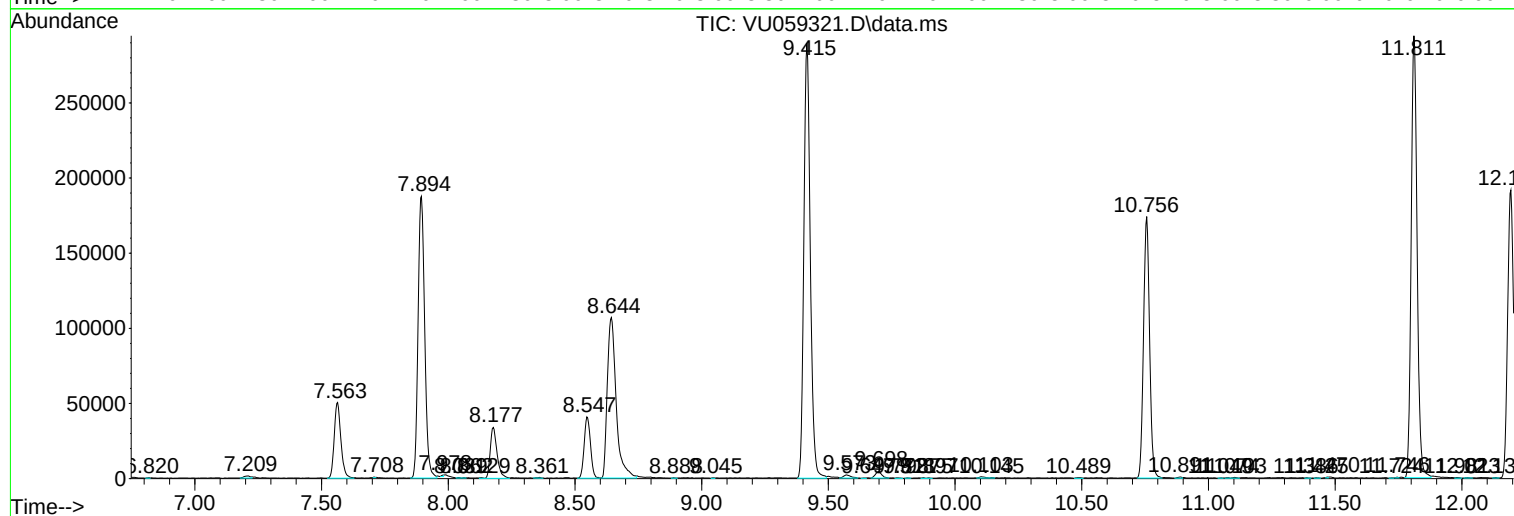
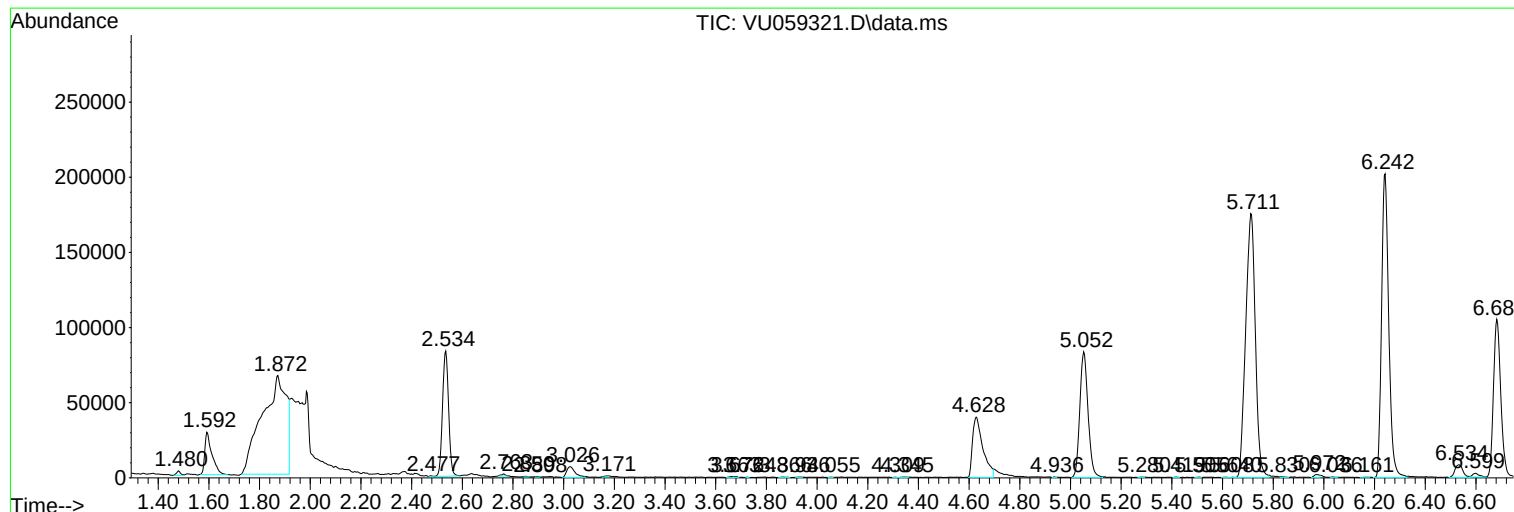
Sum of corrected areas: 4636273

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Instrument :  
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C0SH5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM052924WMA.M  
Quant Title : VOC Analysis

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



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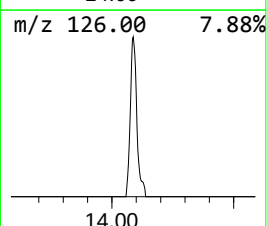
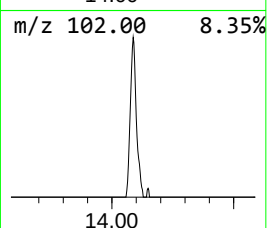
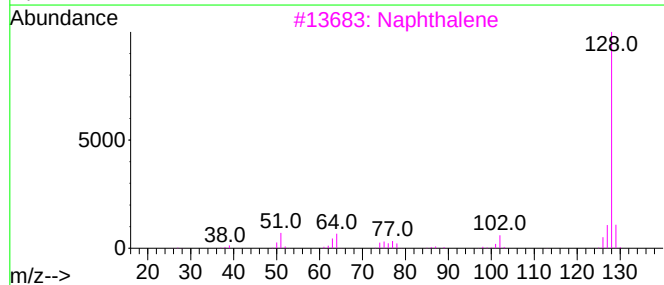
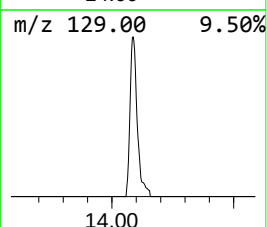
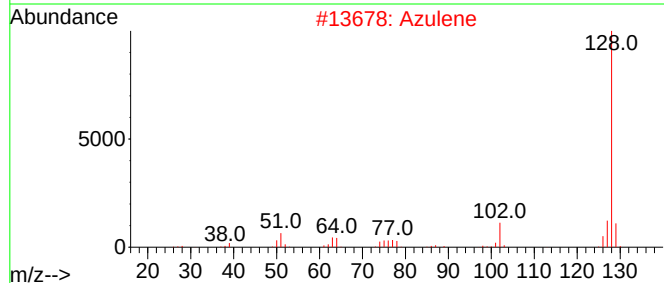
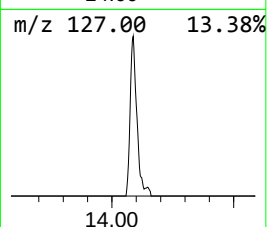
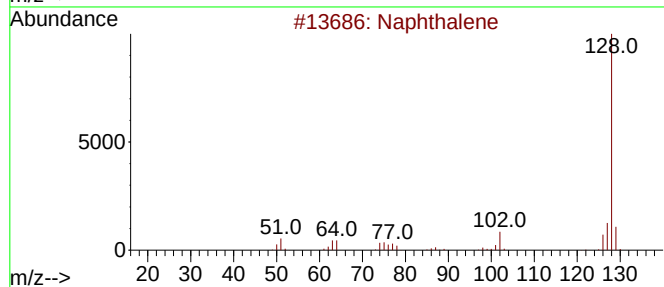
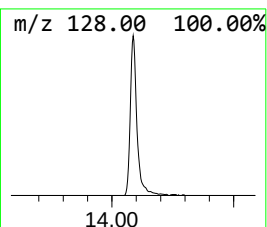
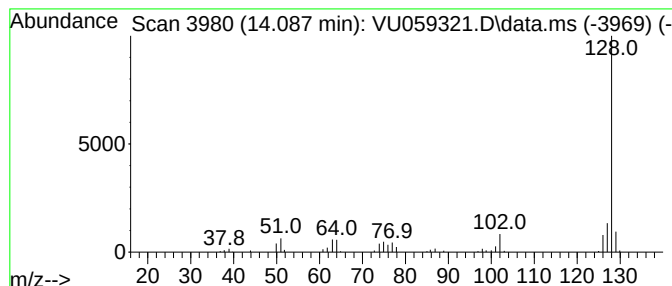
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM052924WMA.M  
Quant Title : VOC Analysis

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

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Peak Number 2 Azulene Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.087 | 11.39 ug/L | 110120 | 1,4-Dichlorobenzene-d4 | 11.811 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 95   |
| 2    |    |   | Azulene      | 128 | C10H8   | 000275-51-4 | 94   |
| 3    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 94   |
| 4    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 91   |
| 5    |    |   | Azulene      | 128 | C10H8   | 000275-51-4 | 91   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                  |        |         |       |          | #                     | RT     | Resp   | Conc |
| Azulene          | 14.087 | 11.4    | ug/L  | 110120   | 3                     | 11.811 | 483582 | 50.0 |