

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV011822\  
 Data File : VV024391.D  
 Acq On : 18 Jan 2022 14:10  
 Operator : SY/MD  
 Sample : N1168-01ME  
 Misc : 5.76g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BGLW7ME

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\_V\Method\SFAMVLM123121WMA.M  
 Title : VOC Analysis

Signal : TIC: VV024391.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         | 1.214       | 48            | 54          | 59           | rBV2     | 13415          | 12901         | 0.81%           | 0.107%        |
| 2         | 1.307       | 74            | 83          | 100          | rBV      | 158093         | 192295        | 12.12%          | 1.597%        |
| 3         | 1.568       | 156           | 164         | 181          | rBV      | 105492         | 164271        | 10.35%          | 1.364%        |
| 4         | 2.089       | 316           | 326         | 338          | rBV      | 350471         | 486745        | 30.67%          | 4.042%        |
| 5         | 2.288       | 386           | 388         | 395          | rVB4     | 791            | 691           | 0.04%           | 0.006%        |
| 6         | 2.323       | 396           | 399         | 404          | rVB2     | 537            | 465           | 0.03%           | 0.004%        |
| 7         | 2.439       | 428           | 435         | 444          | rBV6     | 851            | 1588          | 0.10%           | 0.013%        |
| 8         | 2.500       | 446           | 454         | 464          | rVB5     | 2577           | 4684          | 0.30%           | 0.039%        |
| 9         | 2.555       | 469           | 471         | 474          | rVB2     | 615            | 336           | 0.02%           | 0.003%        |
| 10        | 2.609       | 480           | 488         | 495          | rBV4     | 2143           | 3676          | 0.23%           | 0.031%        |
| 11        | 2.748       | 529           | 531         | 534          | rVB      | 509            | 285           | 0.02%           | 0.002%        |
| 12        | 2.944       | 583           | 592         | 599          | rBV6     | 2184           | 3971          | 0.25%           | 0.033%        |
| 13        | 3.063       | 627           | 629         | 635          | rVB2     | 385            | 434           | 0.03%           | 0.004%        |
| 14        | 3.121       | 642           | 647         | 651          | rBV2     | 224            | 331           | 0.02%           | 0.003%        |
| 15        | 3.458       | 748           | 752         | 756          | rBV2     | 332            | 314           | 0.02%           | 0.003%        |
| 16        | 3.619       | 796           | 802         | 804          | rVV2     | 627            | 463           | 0.03%           | 0.004%        |
| 17        | 3.841       | 867           | 871         | 873          | rBV2     | 396            | 305           | 0.02%           | 0.003%        |
| 18        | 3.902       | 878           | 890         | 912          | rBV2     | 63488          | 235207        | 14.82%          | 1.953%        |
| 19        | 4.346       | 1011          | 1028        | 1057         | rBV      | 249884         | 644143        | 40.59%          | 5.349%        |
| 20        | 4.645       | 1119          | 1121        | 1124         | rBV2     | 469            | 358           | 0.02%           | 0.003%        |
| 21        | 4.789       | 1162          | 1166        | 1171         | rVB2     | 522            | 436           | 0.03%           | 0.004%        |
| 22        | 5.040       | 1226          | 1244        | 1272         | rBV2     | 638852         | 1587125       | 100.00%         | 13.179%       |
| 23        | 5.252       | 1306          | 1310        | 1312         | rBV3     | 608            | 437           | 0.03%           | 0.004%        |
| 24        | 5.333       | 1325          | 1335        | 1353         | rBV6     | 5236           | 16358         | 1.03%           | 0.136%        |
| 25        | 5.468       | 1375          | 1377        | 1386         | rVB6     | 746            | 645           | 0.04%           | 0.005%        |
| 26        | 5.522       | 1390          | 1394        | 1396         | rBV4     | 599            | 473           | 0.03%           | 0.004%        |
| 27        | 5.613       | 1409          | 1422        | 1448         | rBV      | 489957         | 1023248       | 64.47%          | 8.497%        |
| 28        | 5.905       | 1501          | 1513        | 1531         | rBV3     | 22764          | 53124         | 3.35%           | 0.441%        |
| 29        | 6.066       | 1549          | 1563        | 1596         | rVB      | 325150         | 699115        | 44.05%          | 5.805%        |
| 30        | 6.207       | 1603          | 1607        | 1609         | rBV5     | 1037           | 710           | 0.04%           | 0.006%        |
| 31        | 6.317       | 1635          | 1641        | 1642         | rBV3     | 1038           | 804           | 0.05%           | 0.007%        |
| 32        | 6.641       | 1733          | 1742        | 1743         | rBV4     | 2443           | 2607          | 0.16%           | 0.022%        |
| 33        | 6.760       | 1778          | 1779        | 1783         | rVB2     | 442            | 314           | 0.02%           | 0.003%        |
| 34        | 6.815       | 1793          | 1796        | 1800         | rBV3     | 373            | 287           | 0.02%           | 0.002%        |
| 35        | 6.985       | 1837          | 1849        | 1879         | rBV      | 186160         | 382218        | 24.08%          | 3.174%        |
| 36        | 7.166       | 1901          | 1905        | 1909         | rBV4     | 565            | 464           | 0.03%           | 0.004%        |

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Instrument :  
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 ClientSampleId :  
 BGLW7ME

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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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\_V\Method\SFAMVLM123121WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 37 | 7.201  | 1913 | 1916 | 1921 | rVV5 | 983    | 730     | 0.05%  | 0.006%  |
| 38 | 7.313  | 1938 | 1951 | 1970 | rBV  | 733632 | 1338458 | 84.33% | 11.114% |
| 39 | 7.538  | 2019 | 2021 | 2025 | rVB3 | 939    | 596     | 0.04%  | 0.005%  |
| 40 | 7.622  | 2037 | 2047 | 2077 | rBV  | 117834 | 259049  | 16.32% | 2.151%  |
| 41 | 7.792  | 2092 | 2100 | 2107 | rBV7 | 1192   | 2127    | 0.13%  | 0.018%  |
| 42 | 7.879  | 2124 | 2127 | 2130 | rBV2 | 456    | 319     | 0.02%  | 0.003%  |
| 43 | 7.976  | 2145 | 2157 | 2172 | rBV  | 136104 | 230205  | 14.50% | 1.912%  |
| 44 | 8.059  | 2180 | 2183 | 2185 | rBV2 | 503    | 317     | 0.02%  | 0.003%  |
| 45 | 8.095  | 2185 | 2194 | 2198 | rBV  | 95963  | 150274  | 9.47%  | 1.248%  |
| 46 | 8.374  | 2279 | 2281 | 2283 | rBV3 | 512    | 297     | 0.02%  | 0.002%  |
| 47 | 8.661  | 2367 | 2370 | 2374 | rVB2 | 502    | 333     | 0.02%  | 0.003%  |
| 48 | 8.686  | 2374 | 2378 | 2381 | rBV  | 491    | 379     | 0.02%  | 0.003%  |
| 49 | 8.854  | 2415 | 2430 | 2465 | rBV  | 599147 | 1242410 | 78.28% | 10.317% |
| 50 | 9.027  | 2478 | 2484 | 2492 | rVB7 | 1068   | 1697    | 0.11%  | 0.014%  |
| 51 | 9.114  | 2507 | 2511 | 2514 | rVB  | 634    | 378     | 0.02%  | 0.003%  |
| 52 | 9.156  | 2514 | 2524 | 2534 | rBV7 | 3226   | 6980    | 0.44%  | 0.058%  |
| 53 | 9.217  | 2539 | 2543 | 2546 | rVV3 | 442    | 363     | 0.02%  | 0.003%  |
| 54 | 9.355  | 2583 | 2586 | 2592 | rBV3 | 347    | 405     | 0.03%  | 0.003%  |
| 55 | 9.548  | 2643 | 2646 | 2648 | rBV  | 463    | 311     | 0.02%  | 0.003%  |
| 56 | 9.667  | 2681 | 2683 | 2685 | rVV3 | 529    | 290     | 0.02%  | 0.002%  |
| 57 | 9.683  | 2686 | 2688 | 2691 | rVB2 | 611    | 378     | 0.02%  | 0.003%  |
| 58 | 9.754  | 2705 | 2710 | 2715 | rBV3 | 603    | 467     | 0.03%  | 0.004%  |
| 59 | 9.847  | 2732 | 2739 | 2741 | rBV3 | 1115   | 1250    | 0.08%  | 0.010%  |
| 60 | 9.937  | 2765 | 2767 | 2773 | rVB2 | 460    | 456     | 0.03%  | 0.004%  |
| 61 | 9.989  | 2777 | 2783 | 2786 | rBV2 | 382    | 377     | 0.02%  | 0.003%  |
| 62 | 10.017 | 2786 | 2792 | 2795 | rVB4 | 760    | 684     | 0.04%  | 0.006%  |
| 63 | 10.059 | 2802 | 2805 | 2810 | rVB2 | 488    | 307     | 0.02%  | 0.003%  |
| 64 | 10.127 | 2819 | 2826 | 2837 | rVB4 | 6472   | 10197   | 0.64%  | 0.085%  |
| 65 | 10.226 | 2842 | 2857 | 2874 | rBV  | 372272 | 702191  | 44.24% | 5.831%  |
| 66 | 10.345 | 2892 | 2894 | 2896 | rBV2 | 665    | 399     | 0.03%  | 0.003%  |
| 67 | 10.458 | 2926 | 2929 | 2932 | rVV3 | 861    | 648     | 0.04%  | 0.005%  |
| 68 | 10.474 | 2932 | 2934 | 2937 | rVV2 | 674    | 422     | 0.03%  | 0.004%  |
| 69 | 10.577 | 2956 | 2966 | 2980 | rVB5 | 6475   | 12707   | 0.80%  | 0.106%  |
| 70 | 10.763 | 3022 | 3024 | 3027 | rBV3 | 555    | 307     | 0.02%  | 0.003%  |
| 71 | 10.834 | 3044 | 3046 | 3049 | rVV2 | 581    | 318     | 0.02%  | 0.003%  |
| 72 | 10.879 | 3054 | 3060 | 3063 | rVV5 | 1159   | 1384    | 0.09%  | 0.011%  |
| 73 | 10.921 | 3066 | 3073 | 3081 | rVB7 | 4319   | 6337    | 0.40%  | 0.053%  |
| 74 | 11.037 | 3102 | 3109 | 3114 | rBV5 | 1090   | 1443    | 0.09%  | 0.012%  |
| 75 | 11.101 | 3127 | 3129 | 3132 | rVB  | 706    | 352     | 0.02%  | 0.003%  |
| 76 | 11.146 | 3136 | 3143 | 3150 | rBV5 | 2650   | 4253    | 0.27%  | 0.035%  |

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BGLW7ME

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\_V\Method\SFAMVLM123121WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 77  | 11.198 | 3157 | 3159 | 3164 | rVB4 | 619    | 487     | 0.03%  | 0.004%  |
| 78  | 11.252 | 3164 | 3176 | 3195 | rBV  | 774640 | 1240945 | 78.19% | 10.304% |
| 79  | 11.545 | 3264 | 3267 | 3270 | rBV3 | 889    | 885     | 0.06%  | 0.007%  |
| 80  | 11.628 | 3280 | 3293 | 3317 | rBV  | 783249 | 1249409 | 78.72% | 10.375% |
|     |        |      |      |      |      |        |         |        |         |
| 81  | 11.789 | 3333 | 3343 | 3354 | rBV5 | 6287   | 10772   | 0.68%  | 0.089%  |
| 82  | 11.837 | 3354 | 3358 | 3360 | rBV3 | 788    | 697     | 0.04%  | 0.006%  |
| 83  | 11.911 | 3378 | 3381 | 3384 | rBV5 | 477    | 393     | 0.02%  | 0.003%  |
| 84  | 11.985 | 3402 | 3404 | 3407 | rBV4 | 568    | 298     | 0.02%  | 0.002%  |
| 85  | 12.120 | 3439 | 3446 | 3448 | rBV6 | 1263   | 1479    | 0.09%  | 0.012%  |
|     |        |      |      |      |      |        |         |        |         |
| 86  | 12.249 | 3482 | 3486 | 3488 | rBV3 | 569    | 349     | 0.02%  | 0.003%  |
| 87  | 12.358 | 3511 | 3520 | 3524 | rBV7 | 2736   | 4137    | 0.26%  | 0.034%  |
| 88  | 12.410 | 3532 | 3536 | 3544 | rVB7 | 1089   | 1322    | 0.08%  | 0.011%  |
| 89  | 12.503 | 3560 | 3565 | 3574 | rVB6 | 1827   | 2624    | 0.17%  | 0.022%  |
| 90  | 12.542 | 3574 | 3577 | 3578 | rBV2 | 815    | 427     | 0.03%  | 0.004%  |
|     |        |      |      |      |      |        |         |        |         |
| 91  | 12.587 | 3587 | 3591 | 3592 | rBV3 | 1330   | 831     | 0.05%  | 0.007%  |
| 92  | 12.651 | 3608 | 3611 | 3616 | rVB5 | 834    | 548     | 0.03%  | 0.005%  |
| 93  | 12.718 | 3626 | 3632 | 3638 | rBV6 | 1100   | 1655    | 0.10%  | 0.014%  |
| 94  | 12.889 | 3676 | 3685 | 3692 | rVV7 | 7060   | 11743   | 0.74%  | 0.098%  |
| 95  | 12.998 | 3714 | 3719 | 3721 | rBV4 | 1107   | 827     | 0.05%  | 0.007%  |
|     |        |      |      |      |      |        |         |        |         |
| 96  | 13.043 | 3727 | 3733 | 3736 | rBV6 | 1894   | 2208    | 0.14%  | 0.018%  |
| 97  | 13.246 | 3793 | 3796 | 3797 | rBV2 | 865    | 473     | 0.03%  | 0.004%  |
| 98  | 13.394 | 3833 | 3842 | 3844 | rBV7 | 1624   | 2408    | 0.15%  | 0.020%  |
| 99  | 13.480 | 3864 | 3869 | 3874 | rBV7 | 2378   | 2937    | 0.19%  | 0.024%  |
| 100 | 13.705 | 3935 | 3939 | 3944 | rVB6 | 2684   | 2368    | 0.15%  | 0.020%  |

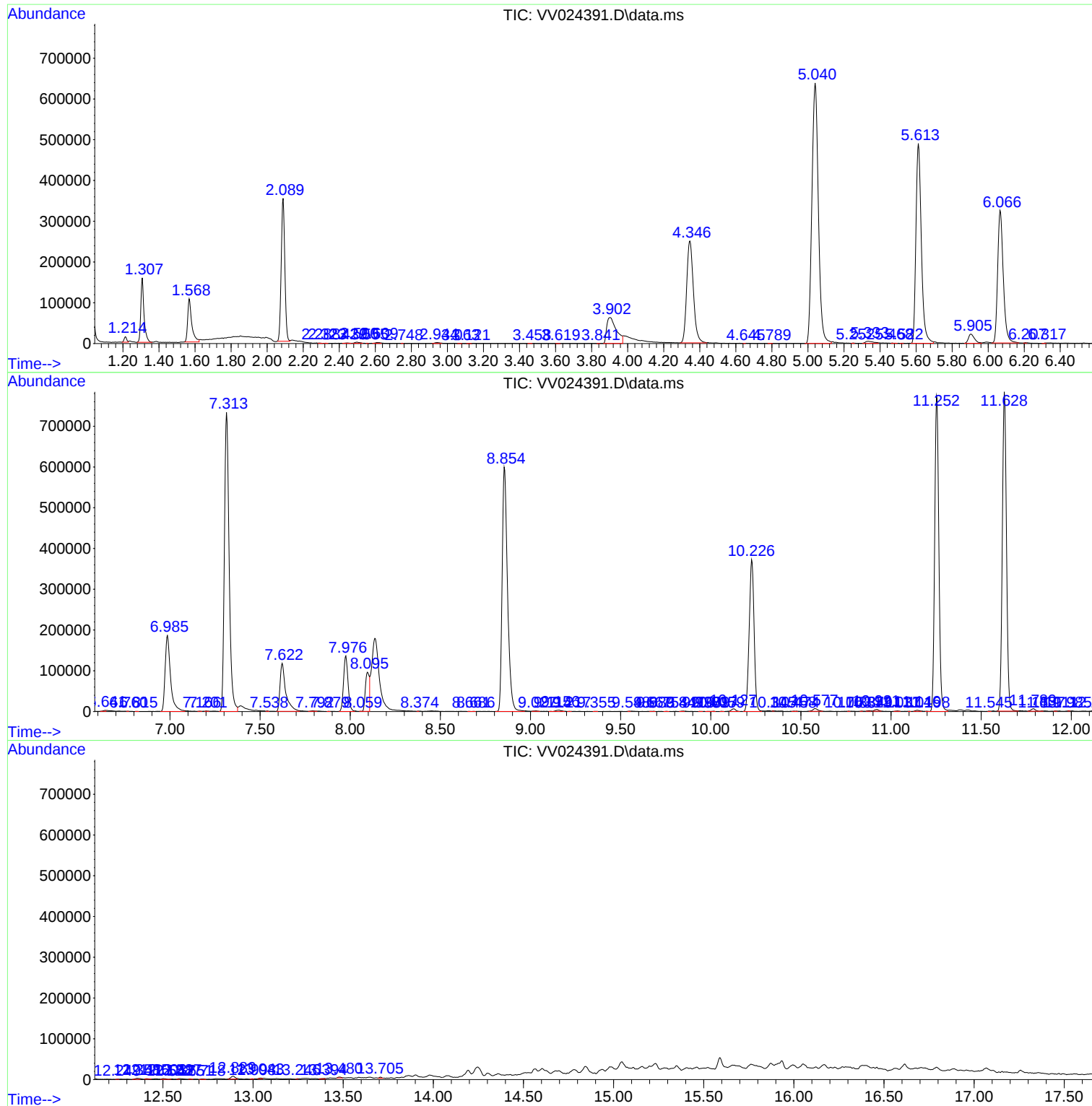
Sum of corrected areas: 12042845

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Instrument :  
MSVOA\_V  
ClientSampleId :  
BGLW7ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM123121WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV011822\  
Data File : VV024391.D  
Acq On : 18 Jan 2022 14:10  
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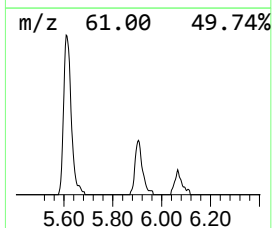
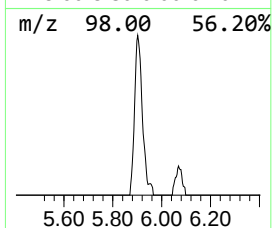
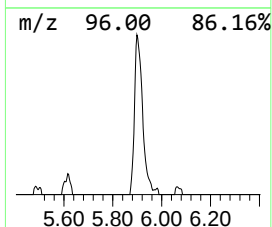
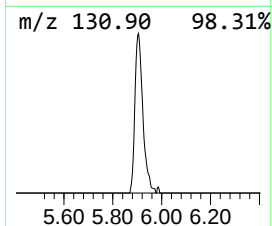
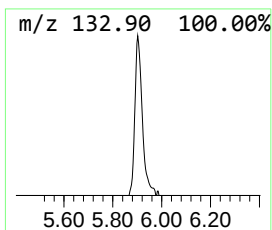
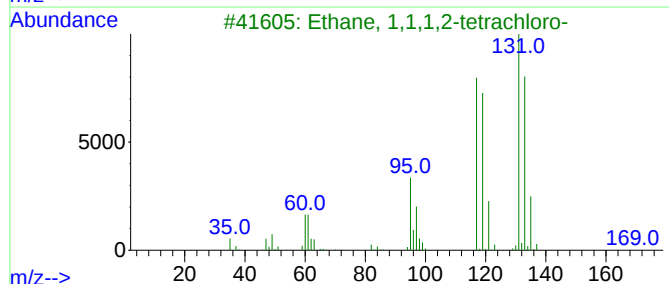
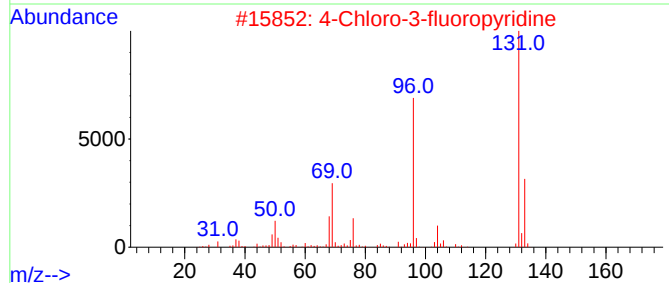
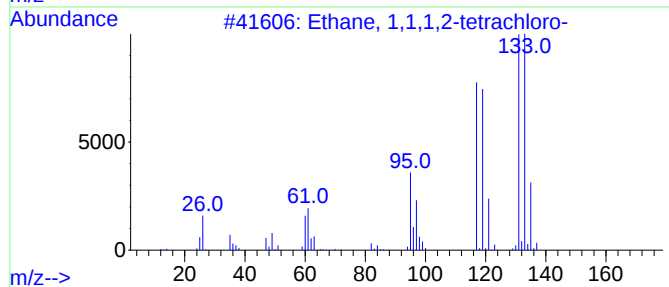
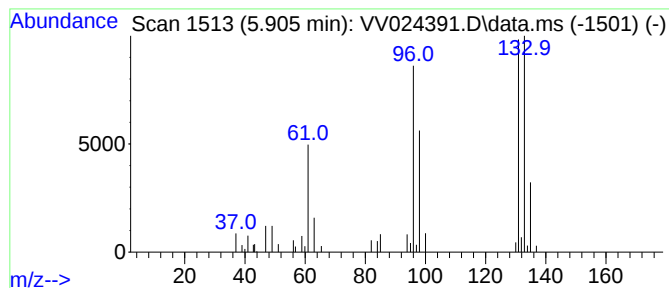
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM123121WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 1 unknown-01 Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 5.905 | 2.60 ug/L | 53124 | 1,4-Difluorobenzene | 5.613 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethane, 1,1,1,2-tetrachloro-  | 166 | C2H2Cl4  | 000630-20-6 | 38   |
| 2    |    |   | 4-Chloro-3-fluoropyridine     | 131 | C5H3ClFN | 002546-56-7 | 38   |
| 3    |    |   | Ethane, 1,1,1,2-tetrachloro-  | 166 | C2H2Cl4  | 000630-20-6 | 37   |
| 4    |    |   | Ethane, 1,1,1,2-tetrachloro-  | 166 | C2H2Cl4  | 000630-20-6 | 37   |
| 5    |    |   | Ethylene, 1,2-dichloro-, (Z)- | 96  | C2H2Cl2  | 000156-59-2 | 35   |



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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 |
| unknown-01       | 5.905 | 2.6     | ug/L  | 53124    | 1                     | 5.613 | 1023250 | 50.0 |