

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\V080122\  
 Data File : V027150.D  
 Acq On : 02 Aug 2022 01:22  
 Operator : SY/MD  
 Sample : N3956-09DL 40X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXF06DL

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\SFAMVLM080122WMA.M

Title : VOC Analysis

Signal : TIC: V027150.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         | 1.105       | 13            | 20          | 49           | rBV      | 4978515        | 5173562       | 100.00%         | 20.169%       |
| 2         | 1.304       | 75            | 82          | 116          | rVB      | 368204         | 446220        | 8.63%           | 1.740%        |
| 3         | 1.558       | 154           | 161         | 173          | rBV      | 192725         | 215514        | 4.17%           | 0.840%        |
| 4         | 2.098       | 319           | 329         | 342          | rBV      | 681291         | 960763        | 18.57%          | 3.746%        |
| 5         | 2.285       | 381           | 387         | 390          | rBV3     | 2147           | 2638          | 0.05%           | 0.010%        |
| 6         | 2.500       | 448           | 454         | 465          | rVB2     | 13570          | 20927         | 0.40%           | 0.082%        |
| 7         | 2.568       | 466           | 475         | 483          | rBV2     | 26892          | 44823         | 0.87%           | 0.175%        |
| 8         | 2.616       | 484           | 490         | 497          | rVV      | 7808           | 11348         | 0.22%           | 0.044%        |
| 9         | 2.825       | 546           | 555         | 557          | rBV5     | 2124           | 2465          | 0.05%           | 0.010%        |
| 10        | 2.863       | 565           | 567         | 571          | rVB3     | 828            | 383           | 0.01%           | 0.001%        |
| 11        | 2.947       | 592           | 593         | 602          | rVB5     | 682            | 686           | 0.01%           | 0.003%        |
| 12        | 2.986       | 602           | 605         | 611          | rVB3     | 551            | 611           | 0.01%           | 0.002%        |
| 13        | 3.031       | 611           | 619         | 629          | rBV6     | 1589           | 3388          | 0.07%           | 0.013%        |
| 14        | 3.179       | 662           | 665         | 668          | rBV3     | 767            | 533           | 0.01%           | 0.002%        |
| 15        | 3.304       | 700           | 704         | 707          | rBV3     | 471            | 471           | 0.01%           | 0.002%        |
| 16        | 3.323       | 707           | 710         | 714          | rVB4     | 534            | 391           | 0.01%           | 0.002%        |
| 17        | 3.738       | 830           | 839         | 840          | rBV2     | 837            | 842           | 0.02%           | 0.003%        |
| 18        | 3.802       | 855           | 859         | 860          | rBV3     | 1565           | 1014          | 0.02%           | 0.004%        |
| 19        | 3.876       | 872           | 882         | 933          | rBV      | 182136         | 570035        | 11.02%          | 2.222%        |
| 20        | 4.339       | 1009          | 1026        | 1061         | rBV      | 414611         | 1035042       | 20.01%          | 4.035%        |
| 21        | 4.622       | 1112          | 1114        | 1118         | rBV4     | 510            | 481           | 0.01%           | 0.002%        |
| 22        | 4.838       | 1175          | 1181        | 1184         | rVB3     | 425            | 487           | 0.01%           | 0.002%        |
| 23        | 4.953       | 1213          | 1217        | 1220         | rBV2     | 552            | 471           | 0.01%           | 0.002%        |
| 24        | 5.040       | 1220          | 1244        | 1253         | rBV2     | 1031761        | 2570770       | 49.69%          | 10.022%       |
| 25        | 5.336       | 1329          | 1336        | 1342         | rBV7     | 2201           | 3798          | 0.07%           | 0.015%        |
| 26        | 5.474       | 1376          | 1379        | 1382         | rBV3     | 548            | 447           | 0.01%           | 0.002%        |
| 27        | 5.613       | 1410          | 1422        | 1462         | rVV      | 706497         | 1441650       | 27.87%          | 5.620%        |
| 28        | 5.854       | 1492          | 1497        | 1502         | rBV4     | 727            | 981           | 0.02%           | 0.004%        |
| 29        | 5.905       | 1504          | 1513        | 1530         | rBV7     | 15540          | 36887         | 0.71%           | 0.144%        |
| 30        | 6.063       | 1549          | 1562        | 1591         | rBV      | 562875         | 1171695       | 22.65%          | 4.568%        |
| 31        | 6.375       | 1648          | 1659        | 1672         | rBV2     | 11408          | 24549         | 0.47%           | 0.096%        |
| 32        | 6.641       | 1736          | 1742        | 1748         | rBV6     | 1205           | 2062          | 0.04%           | 0.008%        |
| 33        | 6.722       | 1760          | 1767        | 1768         | rBV4     | 853            | 806           | 0.02%           | 0.003%        |
| 34        | 6.770       | 1779          | 1782        | 1786         | rVV3     | 756            | 532           | 0.01%           | 0.002%        |
| 35        | 6.899       | 1810          | 1822        | 1837         | rBV      | 120820         | 235620        | 4.55%           | 0.919%        |
| 36        | 6.982       | 1838          | 1848        | 1877         | rVB      | 295270         | 537556        | 10.39%          | 2.096%        |

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 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXF06DL

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\SFAMVLM080122WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 7.249  | 1918 | 1931 | 1932 | rBV6 | 2928    | 4430    | 0.09%  | 0.017% |
| 38 | 7.313  | 1939 | 1951 | 1965 | rBV  | 1192007 | 2064144 | 39.90% | 8.047% |
| 39 | 7.400  | 1966 | 1978 | 1998 | rVB2 | 171344  | 482722  | 9.33%  | 1.882% |
| 40 | 7.619  | 2032 | 2046 | 2069 | rBV  | 205787  | 363228  | 7.02%  | 1.416% |
| 41 | 7.789  | 2088 | 2099 | 2119 | rBV3 | 66060   | 126023  | 2.44%  | 0.491% |
| 42 | 8.011  | 2156 | 2168 | 2182 | rVV  | 74024   | 133720  | 2.58%  | 0.521% |
| 43 | 8.088  | 2182 | 2192 | 2225 | rVV  | 633880  | 1225471 | 23.69% | 4.778% |
| 44 | 8.448  | 2294 | 2304 | 2323 | rVB3 | 30308   | 58096   | 1.12%  | 0.226% |
| 45 | 8.616  | 2349 | 2356 | 2358 | rBV5 | 911     | 1047    | 0.02%  | 0.004% |
| 46 | 8.635  | 2359 | 2362 | 2366 | rBV4 | 1241    | 1111    | 0.02%  | 0.004% |
| 47 | 8.677  | 2373 | 2375 | 2378 | rBV3 | 672     | 394     | 0.01%  | 0.002% |
| 48 | 8.850  | 2409 | 2429 | 2431 | rBV  | 1187907 | 1470277 | 28.42% | 5.732% |
| 49 | 9.075  | 2496 | 2499 | 2504 | rVB7 | 2114    | 2079    | 0.04%  | 0.008% |
| 50 | 9.207  | 2538 | 2540 | 2544 | rVB4 | 867     | 518     | 0.01%  | 0.002% |
| 51 | 9.281  | 2559 | 2563 | 2564 | rBV3 | 1265    | 827     | 0.02%  | 0.003% |
| 52 | 9.448  | 2612 | 2615 | 2618 | rBV3 | 504     | 412     | 0.01%  | 0.002% |
| 53 | 9.548  | 2639 | 2646 | 2660 | rBV4 | 6114    | 11042   | 0.21%  | 0.043% |
| 54 | 9.924  | 2759 | 2763 | 2765 | rBV3 | 734     | 608     | 0.01%  | 0.002% |
| 55 | 10.082 | 2798 | 2812 | 2824 | rBV2 | 20099   | 32438   | 0.63%  | 0.126% |
| 56 | 10.214 | 2840 | 2853 | 2873 | rBV  | 836456  | 1320154 | 25.52% | 5.147% |
| 57 | 10.355 | 2890 | 2897 | 2904 | rVV7 | 3045    | 4149    | 0.08%  | 0.016% |
| 58 | 10.423 | 2904 | 2918 | 2932 | rVV3 | 21153   | 47835   | 0.92%  | 0.186% |
| 59 | 10.542 | 2945 | 2955 | 2965 | rBV2 | 14426   | 23862   | 0.46%  | 0.093% |
| 60 | 10.683 | 2992 | 2999 | 3009 | rVB7 | 5646    | 8400    | 0.16%  | 0.033% |
| 61 | 10.741 | 3009 | 3017 | 3024 | rBV5 | 2475    | 3578    | 0.07%  | 0.014% |
| 62 | 10.834 | 3039 | 3046 | 3049 | rBV3 | 2107    | 2146    | 0.04%  | 0.008% |
| 63 | 10.921 | 3065 | 3073 | 3080 | rVV3 | 2295    | 3205    | 0.06%  | 0.012% |
| 64 | 11.027 | 3099 | 3106 | 3116 | rBV5 | 4236    | 6645    | 0.13%  | 0.026% |
| 65 | 11.098 | 3125 | 3128 | 3131 | rVB2 | 587     | 409     | 0.01%  | 0.002% |
| 66 | 11.181 | 3147 | 3154 | 3158 | rBV6 | 2207    | 2583    | 0.05%  | 0.010% |
| 67 | 11.246 | 3163 | 3174 | 3187 | rBV  | 1010307 | 1567220 | 30.29% | 6.110% |
| 68 | 11.387 | 3216 | 3218 | 3220 | rBV3 | 972     | 604     | 0.01%  | 0.002% |
| 69 | 11.622 | 3277 | 3291 | 3319 | rBV  | 1146262 | 1888315 | 36.50% | 7.362% |
| 70 | 11.911 | 3377 | 3381 | 3382 | rBV2 | 807     | 540     | 0.01%  | 0.002% |
| 71 | 12.014 | 3411 | 3413 | 3415 | rBV3 | 1000    | 413     | 0.01%  | 0.002% |
| 72 | 12.107 | 3436 | 3442 | 3444 | rBV5 | 1027    | 1121    | 0.02%  | 0.004% |
| 73 | 12.204 | 3465 | 3472 | 3475 | rBV3 | 544     | 620     | 0.01%  | 0.002% |
| 74 | 12.403 | 3521 | 3534 | 3544 | rVB3 | 3321    | 6811    | 0.13%  | 0.027% |
| 75 | 12.445 | 3544 | 3547 | 3549 | rBV  | 542     | 368     | 0.01%  | 0.001% |
| 76 | 12.464 | 3549 | 3553 | 3559 | rVB5 | 1358    | 1493    | 0.03%  | 0.006% |

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 Sample : N3956-09DL 40X  
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 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXF06DL

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\SFAMVLM080122WMA.M

Title : VOC Analysis

|     |        |      |      |      |      |       |        |       |        |
|-----|--------|------|------|------|------|-------|--------|-------|--------|
| 77  | 12.651 | 3607 | 3611 | 3615 | rBV3 | 852   | 677    | 0.01% | 0.003% |
| 78  | 12.786 | 3649 | 3653 | 3654 | rVV3 | 596   | 424    | 0.01% | 0.002% |
| 79  | 12.818 | 3654 | 3663 | 3676 | rVV3 | 16479 | 26165  | 0.51% | 0.102% |
| 80  | 12.886 | 3676 | 3684 | 3689 | rVV4 | 2890  | 3567   | 0.07% | 0.014% |
| 81  | 12.918 | 3689 | 3694 | 3699 | rVB2 | 392   | 397    | 0.01% | 0.002% |
| 82  | 13.050 | 3731 | 3735 | 3744 | rVB4 | 1128  | 1247   | 0.02% | 0.005% |
| 83  | 13.204 | 3778 | 3783 | 3784 | rBV4 | 1169  | 1008   | 0.02% | 0.004% |
| 84  | 13.271 | 3798 | 3804 | 3809 | rVB4 | 1288  | 1027   | 0.02% | 0.004% |
| 85  | 13.448 | 3856 | 3859 | 3861 | rBV3 | 508   | 366    | 0.01% | 0.001% |
| 86  | 13.474 | 3864 | 3867 | 3871 | rBV3 | 721   | 606    | 0.01% | 0.002% |
| 87  | 13.509 | 3873 | 3878 | 3886 | rVV4 | 3168  | 4012   | 0.08% | 0.016% |
| 88  | 13.538 | 3886 | 3887 | 3891 | rVB2 | 1105  | 457    | 0.01% | 0.002% |
| 89  | 13.580 | 3897 | 3900 | 3905 | rBV3 | 577   | 597    | 0.01% | 0.002% |
| 90  | 13.709 | 3936 | 3940 | 3942 | rBV3 | 539   | 455    | 0.01% | 0.002% |
| 91  | 13.747 | 3949 | 3952 | 3954 | rBV2 | 746   | 438    | 0.01% | 0.002% |
| 92  | 13.857 | 3980 | 3986 | 3991 | rBV5 | 4479  | 5060   | 0.10% | 0.020% |
| 93  | 13.905 | 3991 | 4001 | 4015 | rVB2 | 71270 | 113170 | 2.19% | 0.441% |
| 94  | 14.085 | 4053 | 4057 | 4060 | rBV4 | 559   | 567    | 0.01% | 0.002% |
| 95  | 14.230 | 4098 | 4102 | 4111 | rVB6 | 1276  | 1634   | 0.03% | 0.006% |
| 96  | 14.323 | 4127 | 4131 | 4134 | rVB2 | 683   | 503    | 0.01% | 0.002% |
| 97  | 14.818 | 4278 | 4285 | 4294 | rBV3 | 3371  | 5070   | 0.10% | 0.020% |
| 98  | 14.966 | 4321 | 4331 | 4343 | rBV2 | 60228 | 92674  | 1.79% | 0.361% |
| 99  | 15.397 | 4463 | 4465 | 4468 | rVB2 | 976   | 420    | 0.01% | 0.002% |
| 100 | 15.648 | 4539 | 4543 | 4545 | rBV4 | 1040  | 831    | 0.02% | 0.003% |

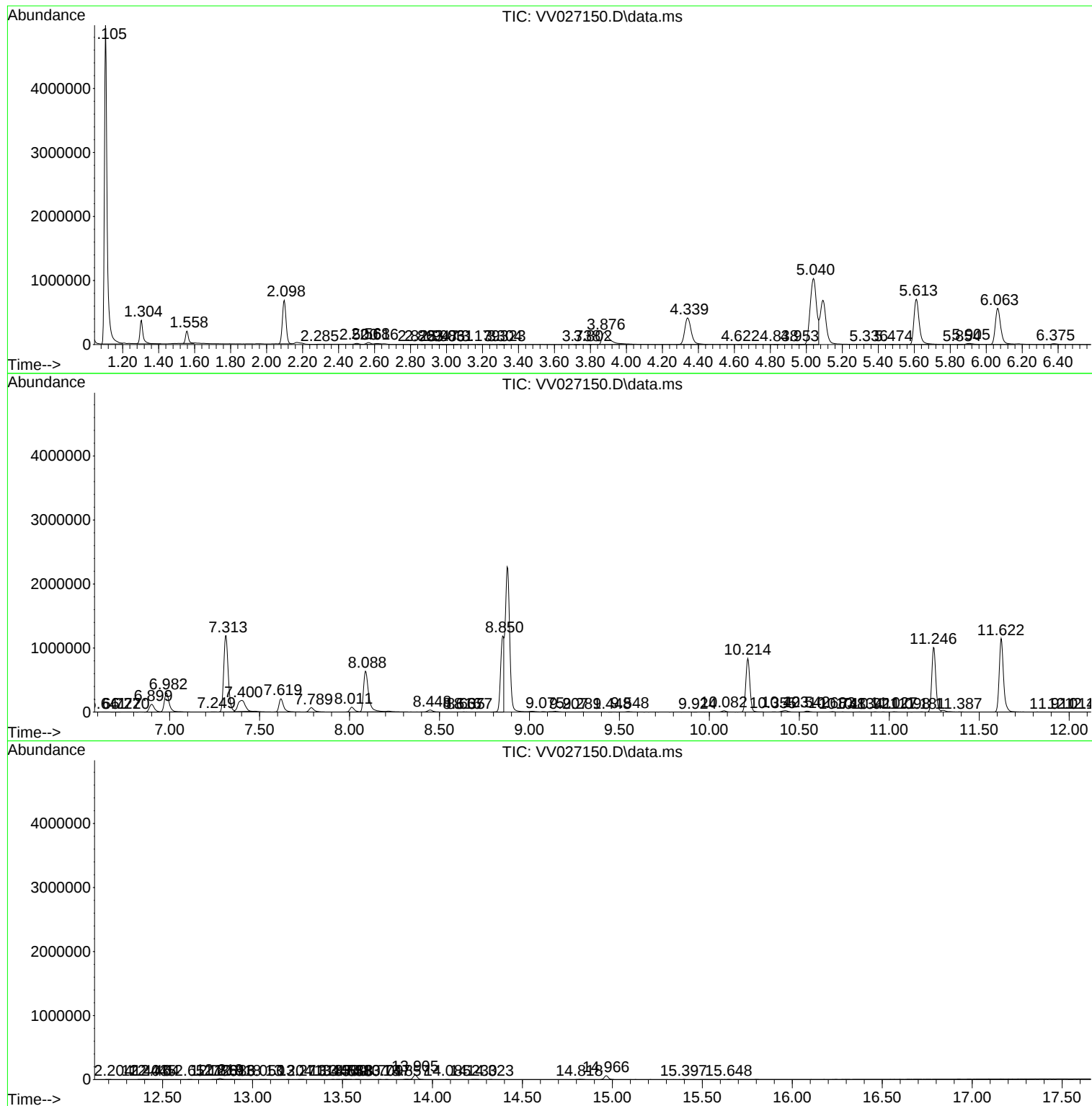
Sum of corrected areas: 25650878

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080122\  
Data File : VV027150.D  
Acq On : 02 Aug 2022 01:22  
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Sample : N3956-09DL 40X  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EXF06DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080122WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080122\  
Data File : VV027150.D  
Acq On : 02 Aug 2022 01:22  
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ClientSampleId :  
EXF06DL

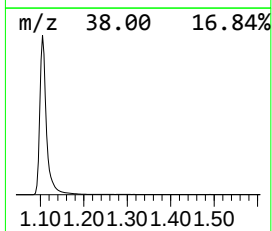
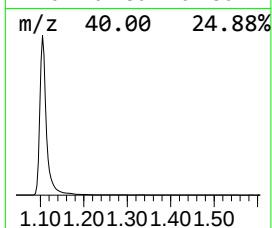
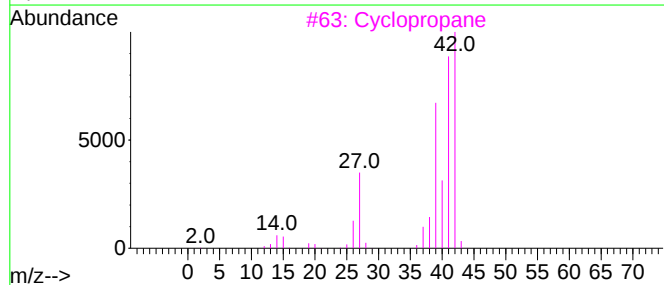
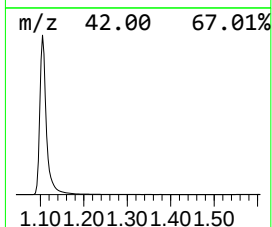
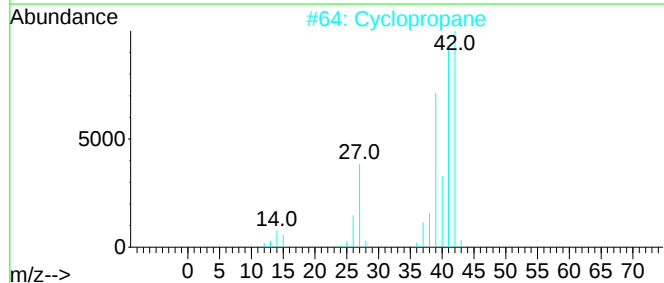
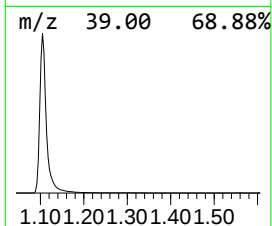
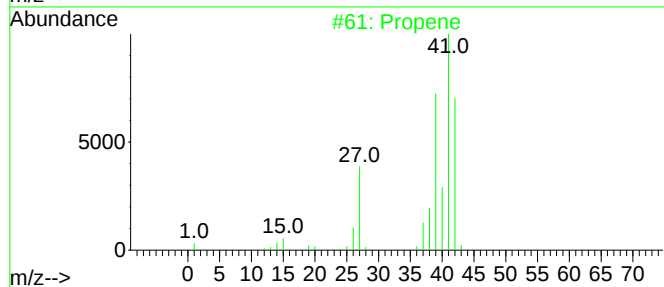
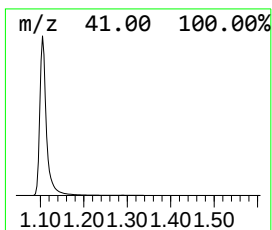
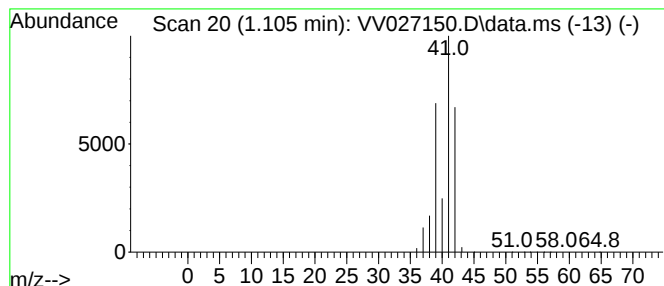
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080122WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD    | R.T.  |
|-------|-------------|---------|---------------------|-------|
| 1.105 | 179.43 ug/L | 5173560 | 1,4-Difluorobenzene | 5.613 |

| Hit# | of | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------|----|---------|-------------|------|
| 1    |    |   | Propene      | 42 | C3H6    | 000115-07-1 | 86   |
| 2    |    |   | Cyclopropane | 42 | C3H6    | 000075-19-4 | 80   |
| 3    |    |   | Cyclopropane | 42 | C3H6    | 000075-19-4 | 72   |
| 4    |    |   | Propene      | 42 | C3H6    | 000115-07-1 | 47   |
| 5    |    |   | Cyclopropene | 40 | C3H4    | 002781-85-3 | 16   |



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EXF06DL

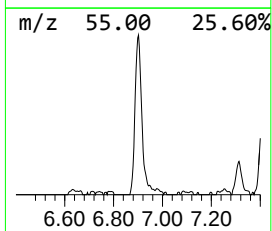
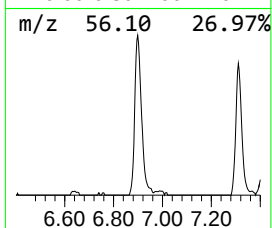
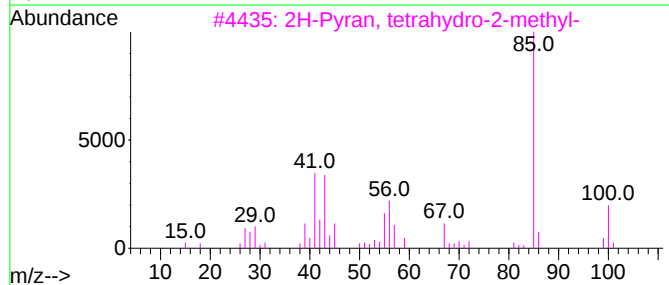
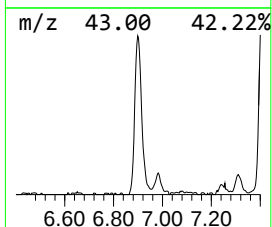
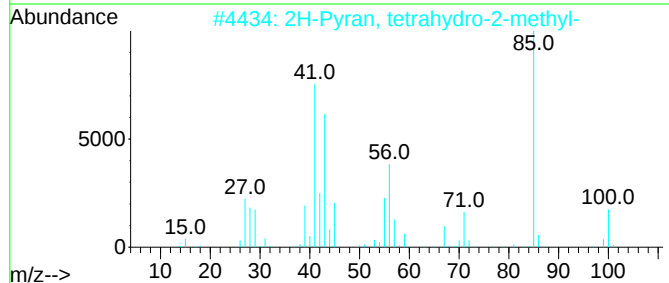
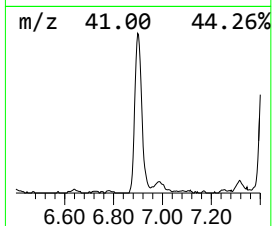
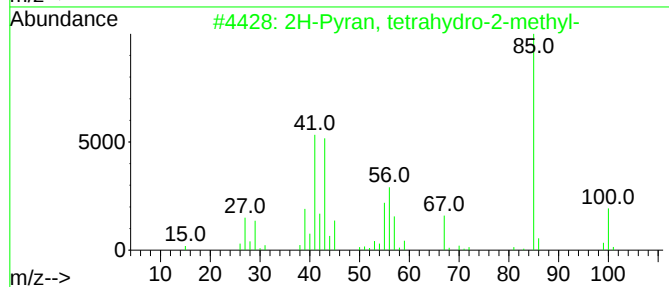
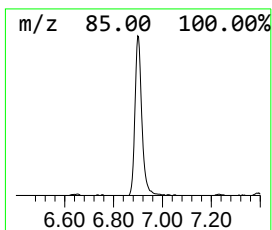
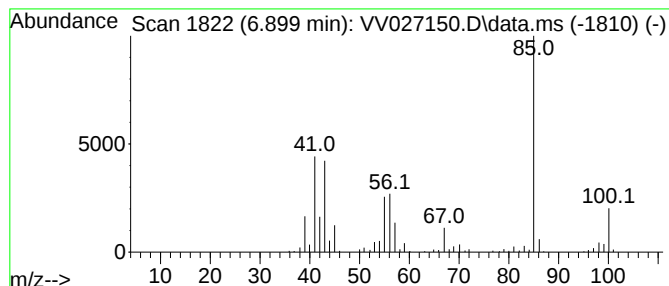
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080122WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 2 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 3

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 6.899 | 8.17 ug/L | 235620 | 1,4-Difluorobenzene | 5.613 |

| Hit# | of                                | 5 | Tentative ID | MW  | MolForm | CAS#         | Qual |
|------|-----------------------------------|---|--------------|-----|---------|--------------|------|
| 1    | 2H-Pyran, tetrahydro-2-methyl-    |   |              | 100 | C6H12O  | 010141-72-7  | 95   |
| 2    | 2H-Pyran, tetrahydro-2-methyl-    |   |              | 100 | C6H12O  | 010141-72-7  | 91   |
| 3    | 2H-Pyran, tetrahydro-2-methyl-    |   |              | 100 | C6H12O  | 010141-72-7  | 90   |
| 4    | 2H-Pyran, tetrahydro-2-methyl-    |   |              | 100 | C6H12O  | 010141-72-7  | 78   |
| 5    | trans-1-Methoxy-3-methyl-1-butene |   |              | 100 | C6H12O  | 1000139-44-0 | 53   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080122\  
Data File : VV027150.D  
Acq On : 02 Aug 2022 01:22  
Operator : SY/MD  
Sample : N3956-09DL 40X  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EXF06DL

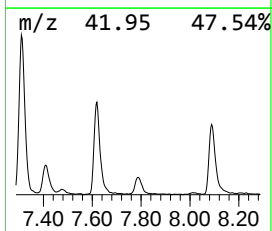
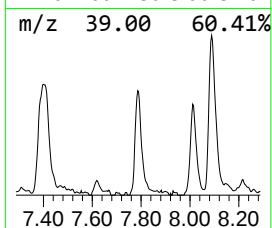
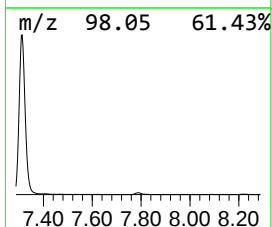
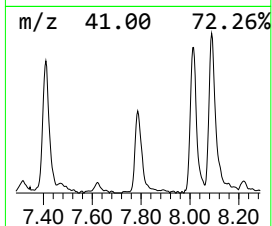
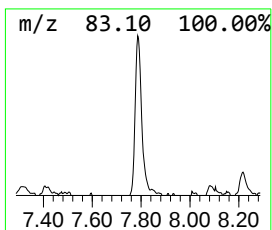
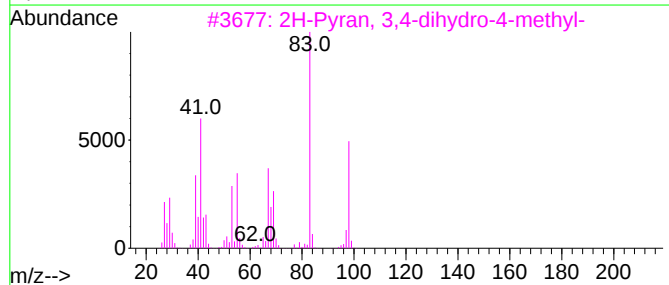
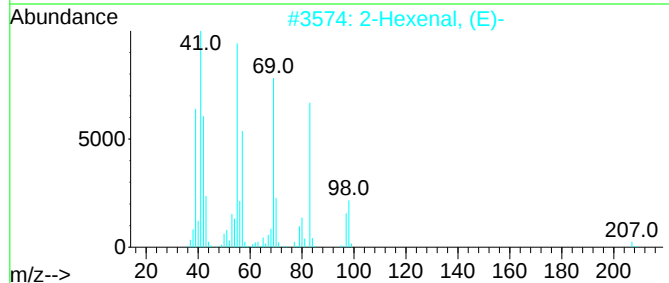
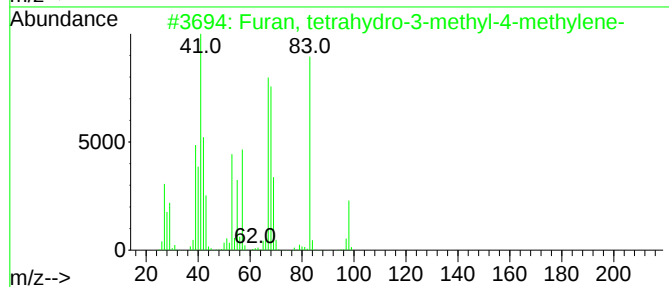
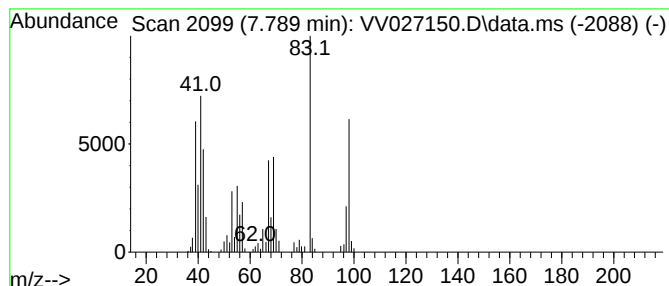
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 4 Furan, tetrahydro-3-methyl-... Concentration Rank 5

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 7.789 | 4.29 ug/L | 126023 | Chlorobenzene-d5 | 8.850 |

| Hit# | of | 5 | Tentative ID                        | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|----|---------|-------------|------|
| 1    |    |   | Furan, tetrahydro-3-methyl-4-met... | 98 | C6H10O  | 061142-01-6 | 81   |
| 2    |    |   | 2-Hexenal, (E)-                     | 98 | C6H10O  | 006728-26-3 | 62   |
| 3    |    |   | 2H-Pyran, 3,4-dihydro-4-methyl-     | 98 | C6H10O  | 002270-61-3 | 58   |
| 4    |    |   | Furan, 2,5-dihydro-2,5-dimethyl-    | 98 | C6H10O  | 059242-27-2 | 50   |
| 5    |    |   | 1H-Pyrazole, 3-ethyl-4,5-dihydro-   | 98 | C5H10N2 | 005920-29-6 | 49   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080122\  
Data File : VV027150.D  
Acq On : 02 Aug 2022 01:22  
Operator : SY/MD  
Sample : N3956-09DL 40X  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EXF06DL

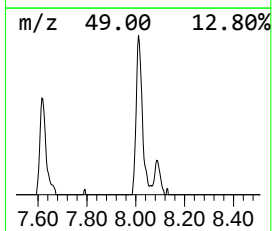
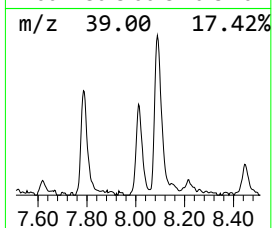
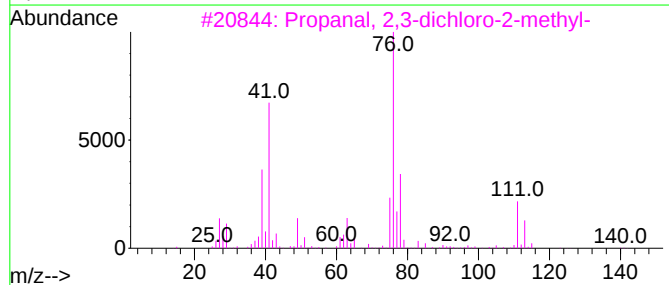
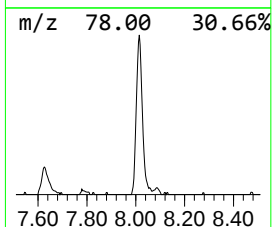
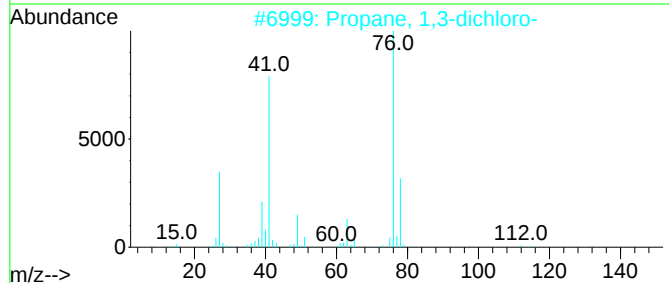
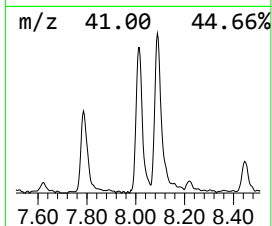
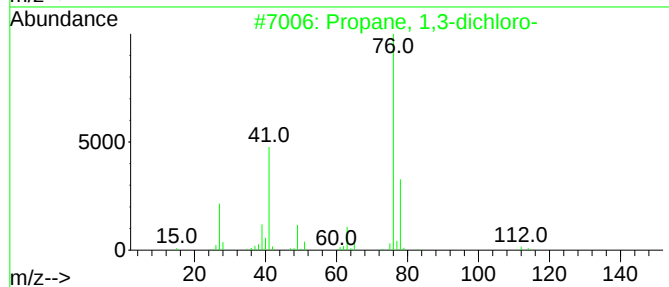
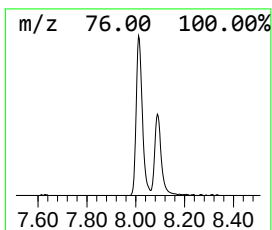
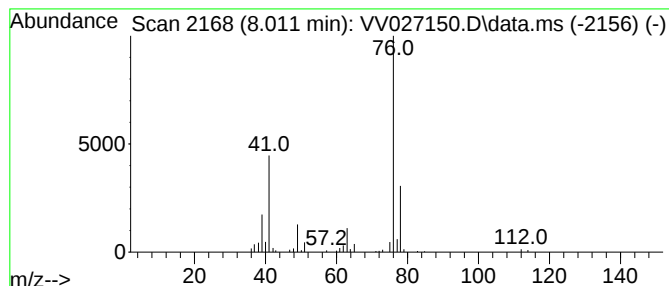
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 5 Propane, 1,3-dichloro- Concentration Rank 4

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 8.011 | 4.55 ug/L | 133720 | Chlorobenzene-d5 | 8.850 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------------|-----|----------|-------------|------|
| 1    |    |   | Propane, 1,3-dichloro-           | 112 | C3H6Cl2  | 000142-28-9 | 91   |
| 2    |    |   | Propane, 1,3-dichloro-           | 112 | C3H6Cl2  | 000142-28-9 | 91   |
| 3    |    |   | Propanal, 2,3-dichloro-2-methyl- | 140 | C4H6Cl2O | 010141-22-7 | 64   |
| 4    |    |   | 3-Chloropropyl formate           | 122 | C4H7ClO2 | 001487-44-1 | 43   |
| 5    |    |   | Propane, 1,3-dichloro-           | 112 | C3H6Cl2  | 000142-28-9 | 11   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080122\  
Data File : VV027150.D  
Acq On : 02 Aug 2022 01:22  
Operator : SY/MD  
Sample : N3956-09DL 40X  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EXF06DL

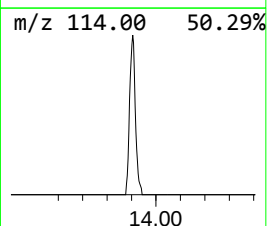
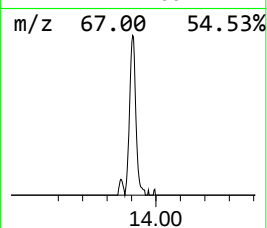
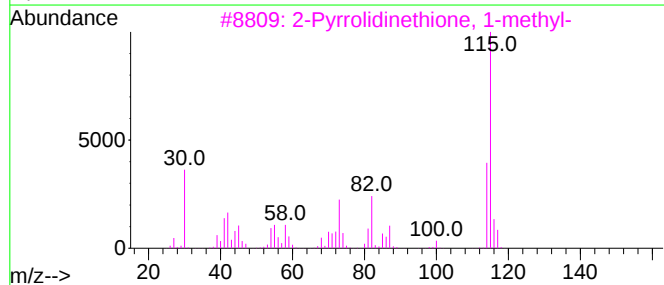
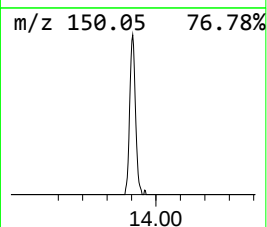
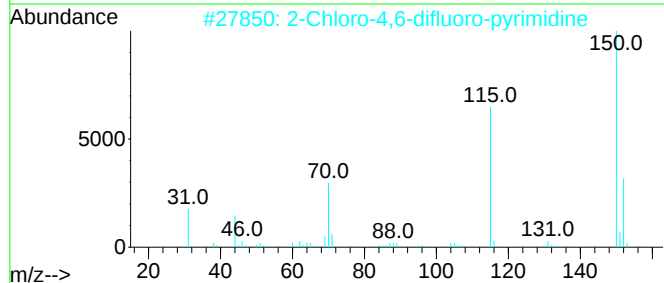
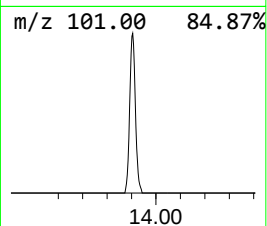
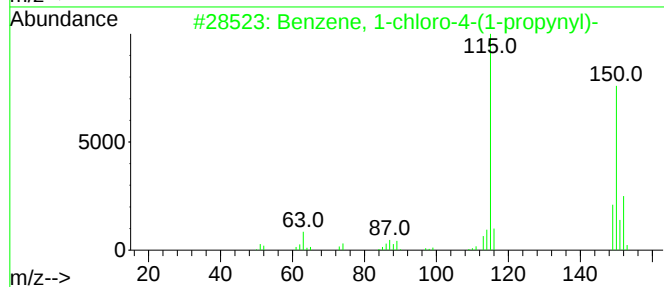
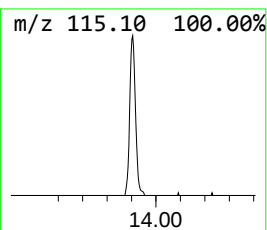
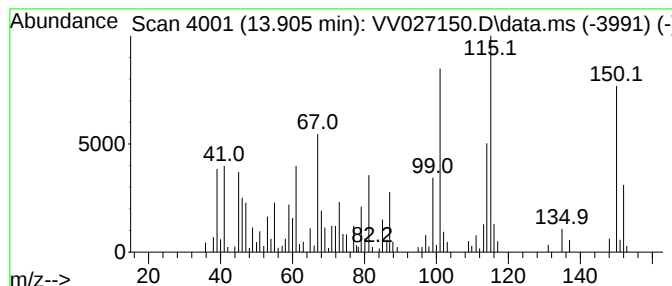
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 6 unknown-01 Concentration Rank 6

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.905 | 3.61 ug/L | 113170 | 1,4-Dichlorobenzene-d4 | 11.246 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Benzene, 1-chloro-4-(1-propynyl)- | 150 | C9H7Cl    | 002809-65-6 | 43   |
| 2    |    |   | 2-Chloro-4,6-difluoro-pyrimidine  | 150 | C4HClF2N2 | 038953-30-9 | 27   |
| 3    |    |   | 2-Pyrrolidinethione, 1-methyl-    | 115 | C5H9NS    | 010441-57-3 | 18   |
| 4    |    |   | 3-Ethylthiane                     | 130 | C7H14S    | 061568-48-7 | 14   |
| 5    |    |   | Isopropyl isothiocyanate          | 101 | C4H7NS    | 002253-73-8 | 11   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080122\  
Data File : VV027150.D  
Acq On : 02 Aug 2022 01:22  
Operator : SY/MD  
Sample : N3956-09DL 40X  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EXF06DL

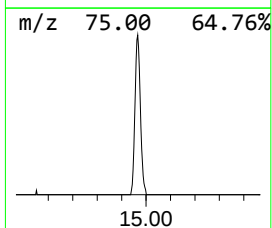
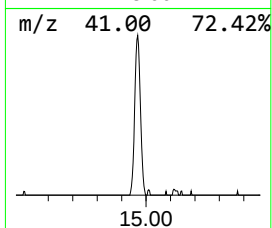
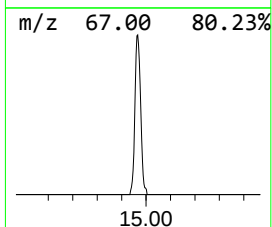
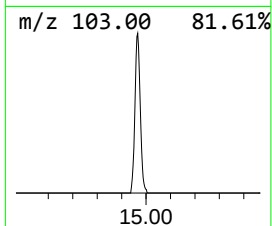
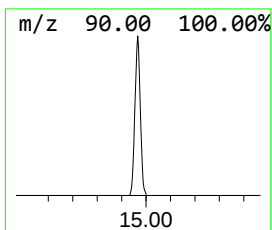
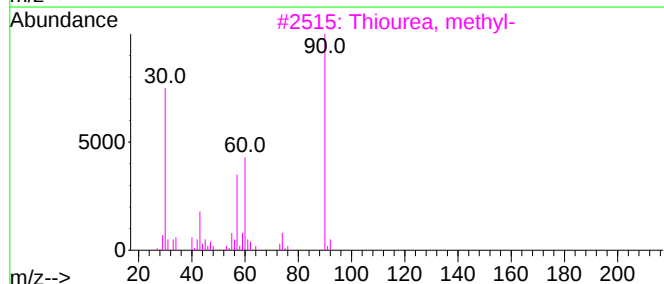
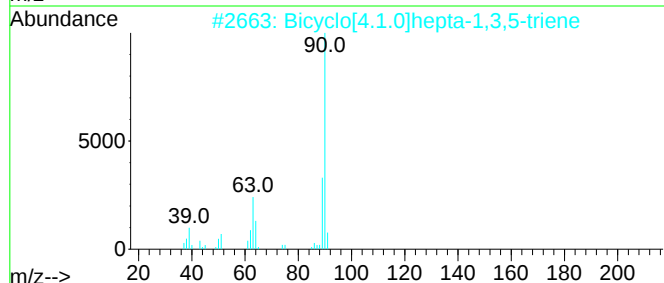
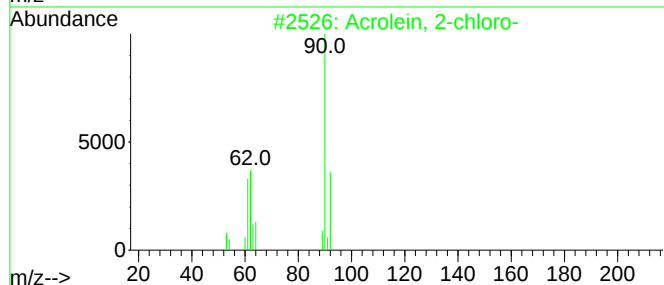
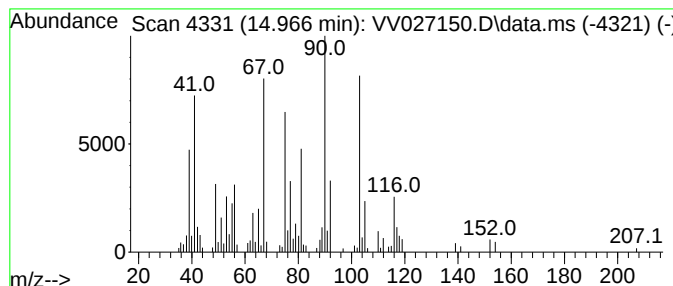
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080122WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 7 unknown-02 Concentration Rank 7

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.966 | 2.96 ug/L | 92674 | 1,4-Dichlorobenzene-d4 | 11.246 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Acrolein, 2-chloro-                 | 90  | C3H3ClO  | 000683-51-2  | 43   |
| 2    |    |   | Bicyclo[4.1.0]hepta-1,3,5-triene    | 90  | C7H6     | 004646-69-9  | 35   |
| 3    |    |   | Thiourea, methyl-                   | 90  | C2H6N2S  | 000598-52-7  | 35   |
| 4    |    |   | 1,3,5-Trichloro-4-methyl-2-penta... | 202 | C6H9Cl3O | 1000140-03-8 | 28   |
| 5    |    |   | benzaldehyde, 2-(4-amino-4H-1,2,... | 202 | C9H10N6  | 1000400-43-7 | 25   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080122\  
Data File : VV027150.D  
Acq On : 02 Aug 2022 01:22  
Operator : SY/MD  
Sample : N3956-09DL 40X  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EXF06DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080122WMA.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 |
| (DEL) Alkane: S... | 1.105  | 179.4   | ug/L  | 5173560  | 1                     | 5.613  | 1441650 | 50.0 |
| 2H-Pyran, tetra... | 6.899  | 8.2     | ug/L  | 235620   | 1                     | 5.613  | 1441650 | 50.0 |
| Furan, tetrahyd... | 7.789  | 4.3     | ug/L  | 126023   | 2                     | 8.850  | 1470280 | 50.0 |
| Propane, 1,3-di... | 8.011  | 4.5     | ug/L  | 133720   | 2                     | 8.850  | 1470280 | 50.0 |
| unknown-01         | 13.905 | 3.6     | ug/L  | 113170   | 3                     | 11.246 | 1567220 | 50.0 |
| unknown-02         | 14.966 | 3.0     | ug/L  | 92674    | 3                     | 11.246 | 1567220 | 50.0 |