

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071624\  
 Data File : VV036562.D  
 Acq On : 16 Jul 2024 12:52  
 Operator : SY/MD  
 Sample : P3238-07  
 Misc : 5.26g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4BF0

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\SFAMVLM071124SMA.M

Title : VOC Analysis

Signal : TIC: VV036562.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         | 1.269       | 65            | 71          | 88           | rVB      | 110565         | 124483        | 17.82%          | 2.728%        |
| 2         | 1.523       | 145           | 150         | 165          | rVB      | 103454         | 127186        | 18.21%          | 2.788%        |
| 3         | 2.047       | 304           | 313         | 331          | rVB      | 187929         | 279350        | 40.00%          | 6.123%        |
| 4         | 2.143       | 331           | 343         | 361          | rVV      | 24673          | 70759         | 10.13%          | 1.551%        |
| 5         | 2.230       | 362           | 370         | 389          | rVB      | 31359          | 52011         | 7.45%           | 1.140%        |
| 6         | 2.297       | 389           | 391         | 394          | rVB3     | 544            | 242           | 0.03%           | 0.005%        |
| 7         | 2.381       | 414           | 417         | 418          | rBV      | 367            | 202           | 0.03%           | 0.004%        |
| 8         | 2.436       | 423           | 434         | 457          | rVV2     | 90762          | 165565        | 23.71%          | 3.629%        |
| 9         | 2.619       | 488           | 491         | 494          | rBV      | 247            | 179           | 0.03%           | 0.004%        |
| 10        | 2.699       | 514           | 516         | 519          | rVB      | 374            | 183           | 0.03%           | 0.004%        |
| 11        | 2.896       | 573           | 577         | 583          | rVB4     | 634            | 650           | 0.09%           | 0.014%        |
| 12        | 2.960       | 583           | 597         | 611          | rBV6     | 5095           | 11089         | 1.59%           | 0.243%        |
| 13        | 3.085       | 633           | 636         | 640          | rVB2     | 238            | 173           | 0.02%           | 0.004%        |
| 14        | 3.268       | 690           | 693         | 695          | rBV2     | 262            | 181           | 0.03%           | 0.004%        |
| 15        | 3.326       | 705           | 711         | 717          | rBV2     | 351            | 352           | 0.05%           | 0.008%        |
| 16        | 3.426       | 736           | 742         | 745          | rBV2     | 358            | 335           | 0.05%           | 0.007%        |
| 17        | 3.516       | 766           | 770         | 773          | rVV2     | 186            | 171           | 0.02%           | 0.004%        |
| 18        | 3.535       | 773           | 776         | 780          | rVB2     | 343            | 235           | 0.03%           | 0.005%        |
| 19        | 3.719       | 827           | 833         | 838          | rVB      | 149            | 174           | 0.02%           | 0.004%        |
| 20        | 3.831       | 853           | 868         | 885          | rBV3     | 13987          | 48422         | 6.93%           | 1.061%        |
| 21        | 4.243       | 980           | 996         | 1034         | rBV      | 114015         | 307795        | 44.07%          | 6.746%        |
| 22        | 4.403       | 1045          | 1046        | 1050         | rVB      | 429            | 163           | 0.02%           | 0.004%        |
| 23        | 4.445       | 1055          | 1059        | 1062         | rVB2     | 503            | 349           | 0.05%           | 0.008%        |
| 24        | 4.461       | 1062          | 1064        | 1067         | rBV3     | 485            | 281           | 0.04%           | 0.006%        |
| 25        | 4.497       | 1069          | 1075        | 1077         | rBV3     | 450            | 437           | 0.06%           | 0.010%        |
| 26        | 4.542       | 1087          | 1089        | 1093         | rVB      | 531            | 271           | 0.04%           | 0.006%        |
| 27        | 4.571       | 1093          | 1098        | 1099         | rBV      | 236            | 172           | 0.02%           | 0.004%        |
| 28        | 4.603       | 1105          | 1108        | 1111         | rVB      | 406            | 295           | 0.04%           | 0.006%        |
| 29        | 4.622       | 1111          | 1114        | 1115         | rBV2     | 245            | 166           | 0.02%           | 0.004%        |
| 30        | 4.786       | 1163          | 1165        | 1168         | rVB2     | 334            | 177           | 0.03%           | 0.004%        |
| 31        | 4.818       | 1173          | 1175        | 1179         | rBV2     | 336            | 188           | 0.03%           | 0.004%        |
| 32        | 4.950       | 1201          | 1216        | 1249         | rBV2     | 265856         | 698438        | 100.00%         | 15.308%       |
| 33        | 5.278       | 1315          | 1318        | 1321         | rVB2     | 331            | 244           | 0.03%           | 0.005%        |
| 34        | 5.442       | 1366          | 1369        | 1372         | rVB2     | 317            | 186           | 0.03%           | 0.004%        |
| 35        | 5.532       | 1380          | 1397        | 1428         | rBV      | 236985         | 513631        | 73.54%          | 11.258%       |
| 36        | 5.709       | 1449          | 1452        | 1453         | rBV2     | 426            | 314           | 0.04%           | 0.007%        |

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Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4BF0

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\SFAMVLM071124SMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |        |
|----|-------|------|------|------|------|--------|--------|--------|--------|
| 37 | 5.831 | 1480 | 1490 | 1509 | rVB4 | 9018   | 20990  | 3.01%  | 0.460% |
| 38 | 5.985 | 1523 | 1538 | 1572 | rVV  | 163682 | 347621 | 49.77% | 7.619% |
| 39 | 6.172 | 1593 | 1596 | 1597 | rBV2 | 363    | 165    | 0.02%  | 0.004% |
| 40 | 6.182 | 1597 | 1599 | 1605 | rVB4 | 294    | 207    | 0.03%  | 0.005% |
| 41 | 6.227 | 1611 | 1613 | 1616 | rVB3 | 468    | 211    | 0.03%  | 0.005% |
| 42 | 6.310 | 1636 | 1639 | 1644 | rBV3 | 362    | 206    | 0.03%  | 0.005% |
| 43 | 6.352 | 1649 | 1652 | 1656 | rVB3 | 329    | 226    | 0.03%  | 0.005% |
| 44 | 6.506 | 1695 | 1700 | 1702 | rBV2 | 229    | 192    | 0.03%  | 0.004% |
| 45 | 6.538 | 1702 | 1710 | 1713 | rBV2 | 251    | 203    | 0.03%  | 0.004% |
| 46 | 6.593 | 1724 | 1727 | 1729 | rVB  | 389    | 240    | 0.03%  | 0.005% |
| 47 | 6.651 | 1739 | 1745 | 1748 | rVB  | 303    | 221    | 0.03%  | 0.005% |
| 48 | 6.683 | 1748 | 1755 | 1761 | rBV  | 358    | 489    | 0.07%  | 0.011% |
| 49 | 6.924 | 1821 | 1830 | 1849 | rBV3 | 15094  | 33349  | 4.77%  | 0.731% |
| 50 | 7.111 | 1882 | 1888 | 1891 | rBV2 | 329    | 246    | 0.04%  | 0.005% |
| 51 | 7.143 | 1895 | 1898 | 1907 | rVB2 | 187    | 234    | 0.03%  | 0.005% |
| 52 | 7.188 | 1907 | 1912 | 1914 | rBV2 | 443    | 417    | 0.06%  | 0.009% |
| 53 | 7.243 | 1919 | 1929 | 1950 | rBV  | 173331 | 317962 | 45.52% | 6.969% |
| 54 | 7.506 | 2009 | 2011 | 2016 | rVB3 | 325    | 251    | 0.04%  | 0.006% |
| 55 | 7.567 | 2022 | 2030 | 2046 | rBV3 | 8108   | 17420  | 2.49%  | 0.382% |
| 56 | 7.702 | 2068 | 2072 | 2075 | rBV2 | 254    | 179    | 0.03%  | 0.004% |
| 57 | 7.725 | 2075 | 2079 | 2082 | rBV3 | 513    | 306    | 0.04%  | 0.007% |
| 58 | 7.754 | 2082 | 2088 | 2092 | rVV4 | 1284   | 1660   | 0.24%  | 0.036% |
| 59 | 7.773 | 2092 | 2094 | 2099 | rVB3 | 1013   | 679    | 0.10%  | 0.015% |
| 60 | 7.870 | 2116 | 2124 | 2132 | rBV5 | 3059   | 5704   | 0.82%  | 0.125% |
| 61 | 7.976 | 2155 | 2157 | 2160 | rVB  | 384    | 198    | 0.03%  | 0.004% |
| 62 | 8.034 | 2167 | 2175 | 2207 | rBV2 | 43228  | 103132 | 14.77% | 2.260% |
| 63 | 8.281 | 2250 | 2252 | 2256 | rBV2 | 249    | 212    | 0.03%  | 0.005% |
| 64 | 8.304 | 2257 | 2259 | 2261 | rVV2 | 345    | 165    | 0.02%  | 0.004% |
| 65 | 8.416 | 2292 | 2294 | 2296 | rBV2 | 276    | 175    | 0.03%  | 0.004% |
| 66 | 8.471 | 2308 | 2311 | 2315 | rBV2 | 336    | 273    | 0.04%  | 0.006% |
| 67 | 8.506 | 2319 | 2322 | 2324 | rBV3 | 727    | 458    | 0.07%  | 0.010% |
| 68 | 8.542 | 2331 | 2333 | 2334 | rBV  | 526    | 196    | 0.03%  | 0.004% |
| 69 | 8.567 | 2337 | 2341 | 2345 | rVB3 | 478    | 406    | 0.06%  | 0.009% |
| 70 | 8.596 | 2345 | 2350 | 2352 | rBV2 | 648    | 666    | 0.10%  | 0.015% |
| 71 | 8.657 | 2365 | 2369 | 2371 | rBV2 | 341    | 224    | 0.03%  | 0.005% |
| 72 | 8.712 | 2381 | 2386 | 2387 | rBV2 | 486    | 354    | 0.05%  | 0.008% |
| 73 | 8.728 | 2387 | 2391 | 2392 | rBV3 | 630    | 418    | 0.06%  | 0.009% |
| 74 | 8.786 | 2398 | 2409 | 2433 | rBV  | 226400 | 394750 | 56.52% | 8.652% |
| 75 | 8.940 | 2454 | 2457 | 2458 | rBV2 | 496    | 257    | 0.04%  | 0.006% |
| 76 | 9.040 | 2482 | 2488 | 2489 | rBV3 | 920    | 854    | 0.12%  | 0.019% |

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4BF0

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\SFAMVLM071124SMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 9.095  | 2501 | 2505 | 2509 | rBV3 | 916    | 765    | 0.11%  | 0.017% |
| 78  | 9.246  | 2549 | 2552 | 2553 | rBV  | 470    | 251    | 0.04%  | 0.006% |
| 79  | 9.300  | 2562 | 2569 | 2573 | rBV3 | 247    | 252    | 0.04%  | 0.006% |
| 80  | 9.333  | 2575 | 2579 | 2580 | rBV3 | 363    | 221    | 0.03%  | 0.005% |
| 81  | 9.342  | 2580 | 2582 | 2583 | rBV2 | 670    | 314    | 0.04%  | 0.007% |
| 82  | 9.355  | 2584 | 2586 | 2588 | rBV3 | 518    | 328    | 0.05%  | 0.007% |
| 83  | 9.490  | 2621 | 2628 | 2629 | rBV4 | 855    | 889    | 0.13%  | 0.019% |
| 84  | 9.513  | 2629 | 2635 | 2641 | rVV7 | 2272   | 3512   | 0.50%  | 0.077% |
| 85  | 9.648  | 2659 | 2677 | 2685 | rBV8 | 5514   | 9898   | 1.42%  | 0.217% |
| 86  | 9.824  | 2730 | 2732 | 2733 | rBV2 | 654    | 277    | 0.04%  | 0.006% |
| 87  | 9.911  | 2751 | 2759 | 2764 | rBV6 | 2577   | 3694   | 0.53%  | 0.081% |
| 88  | 9.953  | 2764 | 2772 | 2784 | rVV9 | 6239   | 11654  | 1.67%  | 0.255% |
| 89  | 10.062 | 2799 | 2806 | 2813 | rVB6 | 6415   | 9977   | 1.43%  | 0.219% |
| 90  | 10.098 | 2813 | 2817 | 2818 | rBV2 | 831    | 534    | 0.08%  | 0.012% |
| 91  | 10.152 | 2821 | 2834 | 2852 | rBV  | 109195 | 194013 | 27.78% | 4.252% |
| 92  | 10.326 | 2879 | 2888 | 2896 | rBV7 | 6366   | 10736  | 1.54%  | 0.235% |
| 93  | 10.448 | 2915 | 2926 | 2934 | rBV7 | 8238   | 15533  | 2.22%  | 0.340% |
| 94  | 10.818 | 3033 | 3041 | 3048 | rBV6 | 22006  | 38098  | 5.45%  | 0.835% |
| 95  | 10.972 | 3082 | 3089 | 3095 | rBV5 | 12768  | 20763  | 2.97%  | 0.455% |
| 96  | 11.085 | 3119 | 3124 | 3132 | rVB5 | 25261  | 33626  | 4.81%  | 0.737% |
| 97  | 11.188 | 3147 | 3156 | 3176 | rBV  | 119184 | 225454 | 32.28% | 4.941% |
| 98  | 11.561 | 3264 | 3272 | 3288 | rVB  | 95308  | 175635 | 25.15% | 3.849% |
| 99  | 12.310 | 3497 | 3505 | 3515 | rBV5 | 34847  | 79047  | 11.32% | 1.733% |
| 100 | 12.403 | 3528 | 3534 | 3542 | rBV5 | 45362  | 69907  | 10.01% | 1.532% |

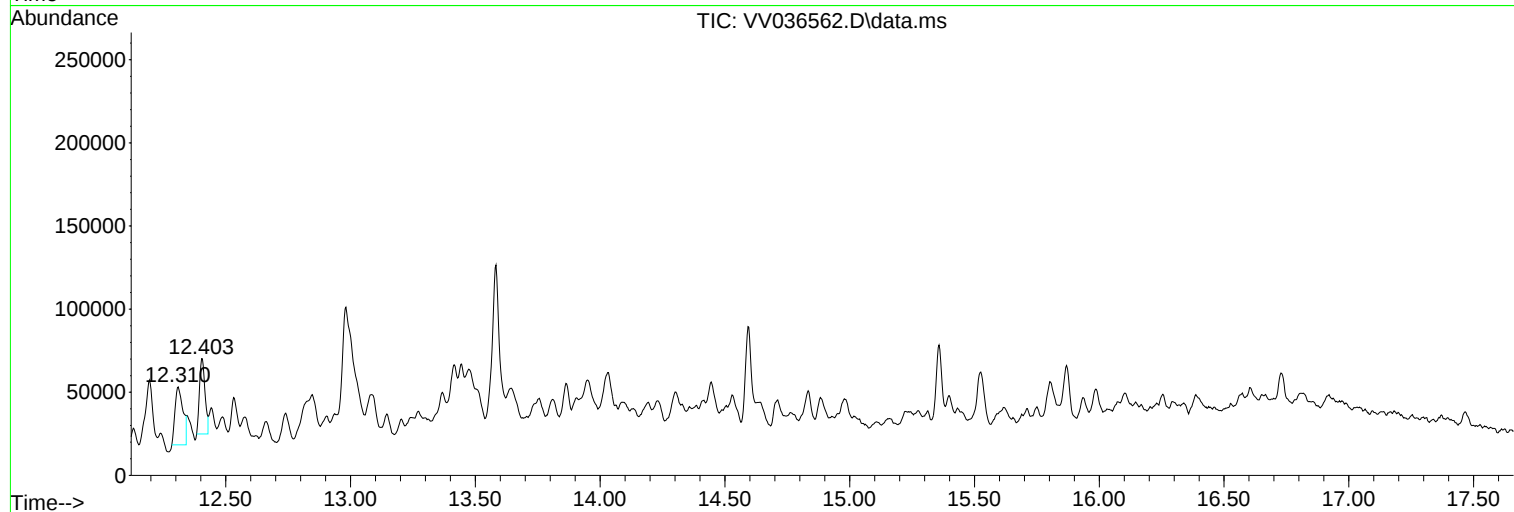
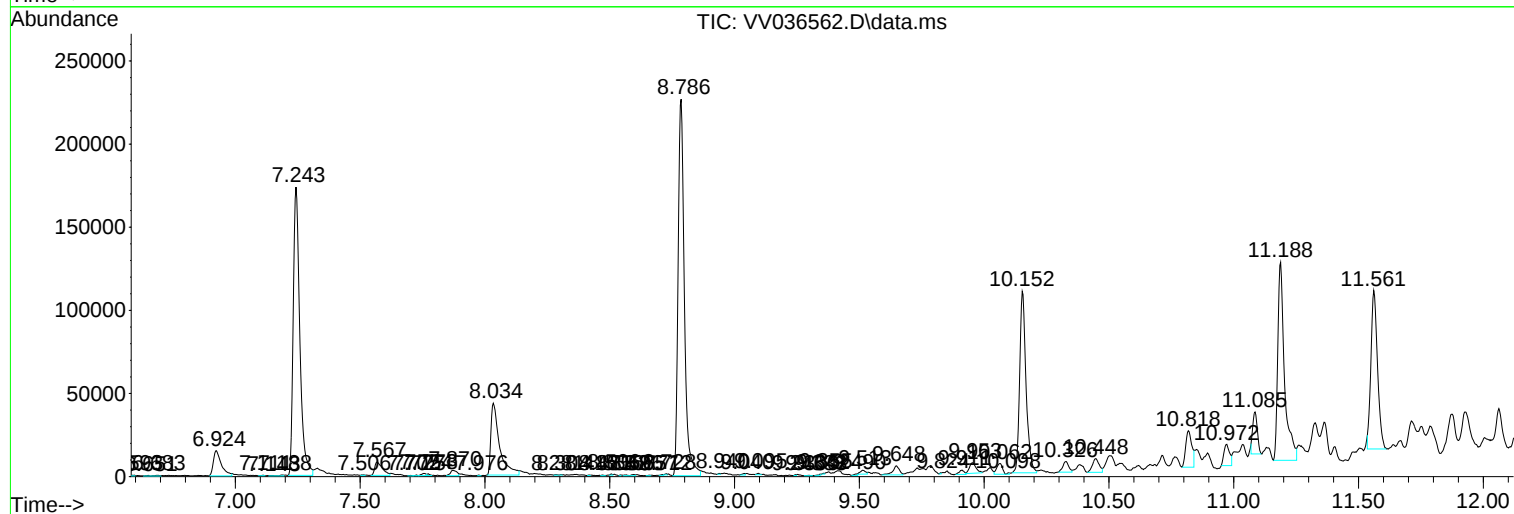
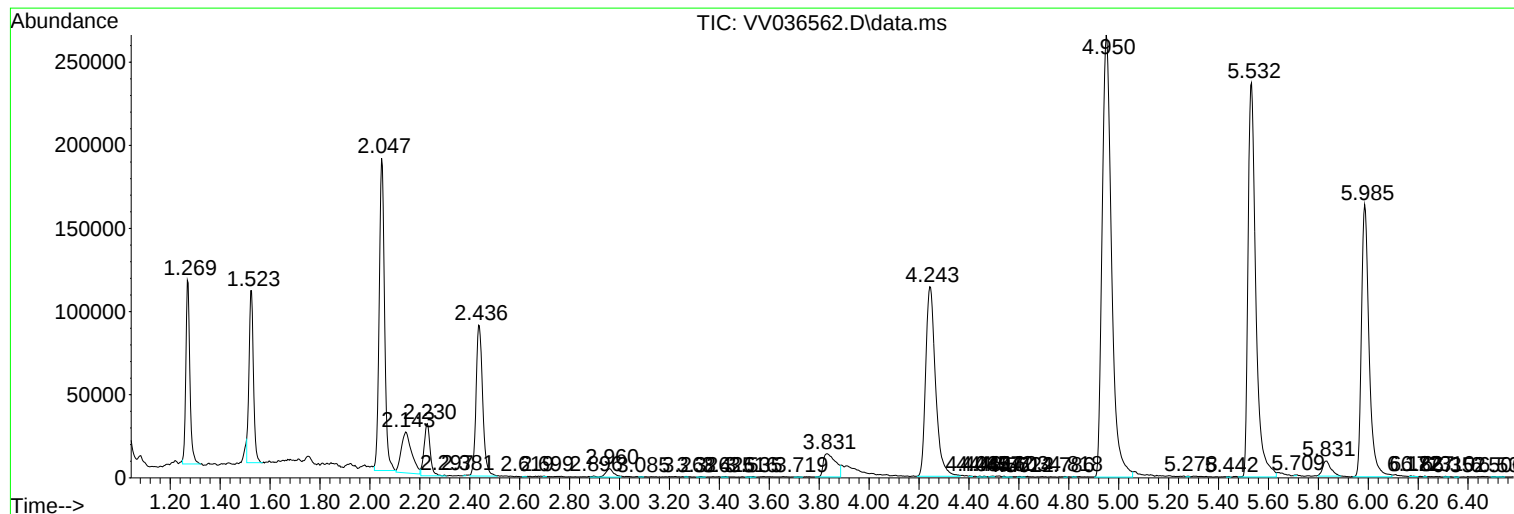
Sum of corrected areas: 4562543

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Instrument :  
MSVOA\_V  
ClientSampleId :  
A4BF0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071624\  
Data File : VV036562.D  
Acq On : 16 Jul 2024 12:52  
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Instrument :  
MSVOA\_V  
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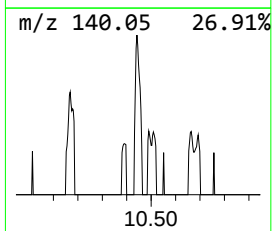
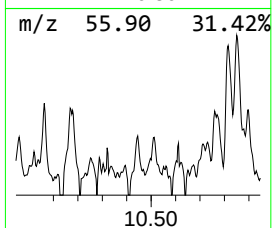
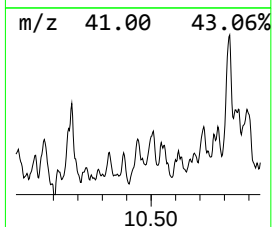
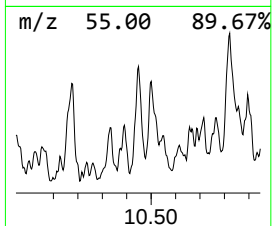
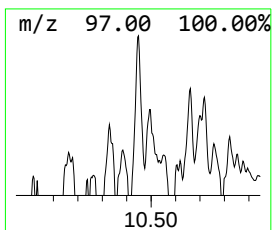
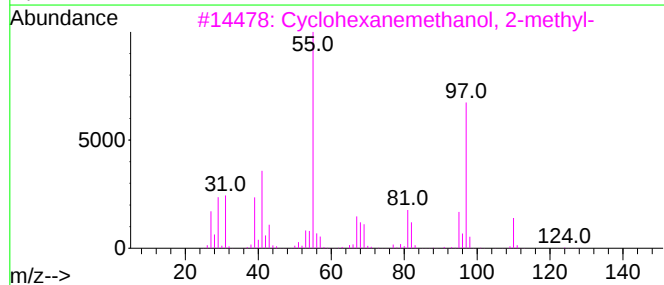
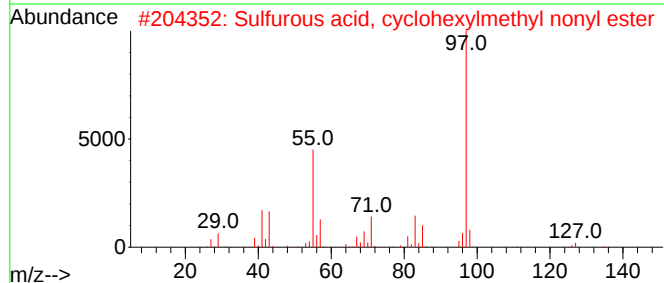
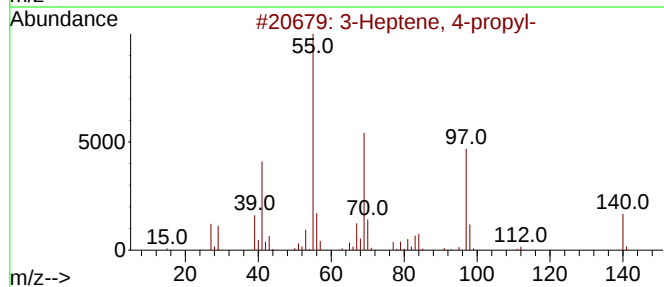
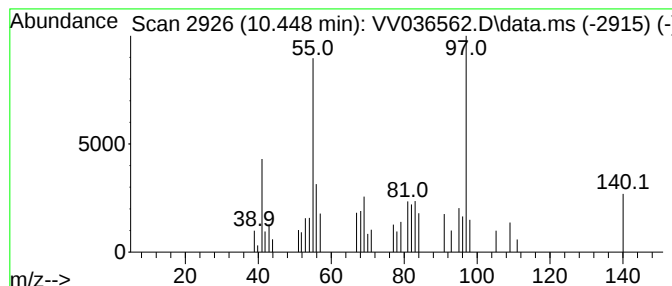
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 10.448 | 1.72 ug/L | 15533 | 1,4-Dichlorobenzene-d4 | 11.188 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | 3-Heptene, 4-propyl-                | 140 | C10H20    | 004485-13-6  | 50   |
| 2    |      | Sulfurous acid, cyclohexylmethyl... | 304 | C16H32O3S | 1000309-21-8 | 47   |
| 3    |      | Cyclohexanemethanol, 2-methyl-      | 128 | C8H16O    | 002105-40-0  | 43   |
| 4    |      | m-Menthane, (1S,3R)-(+)-            | 140 | C10H20    | 013837-66-6  | 43   |
| 5    |      | Cyclohexane, 1,3-dimethyl-, trans-  | 112 | C8H16     | 002207-03-6  | 43   |



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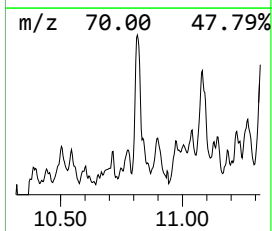
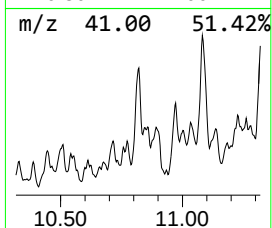
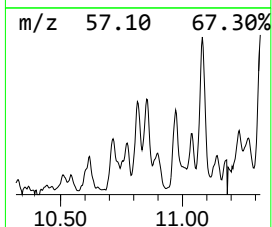
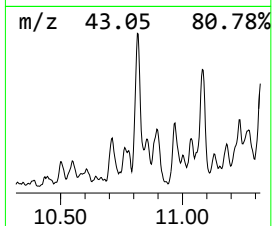
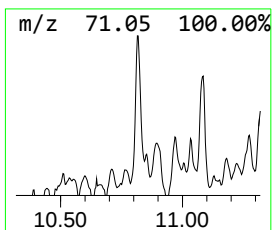
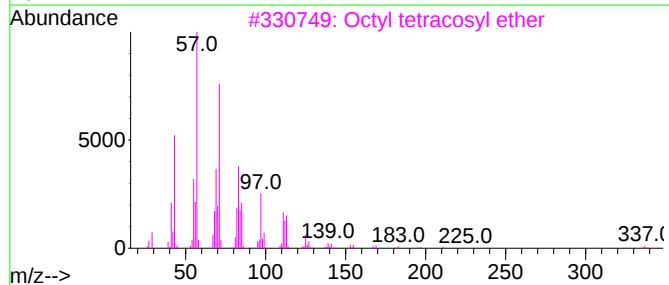
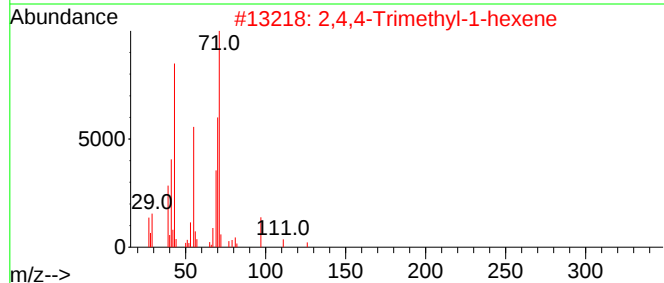
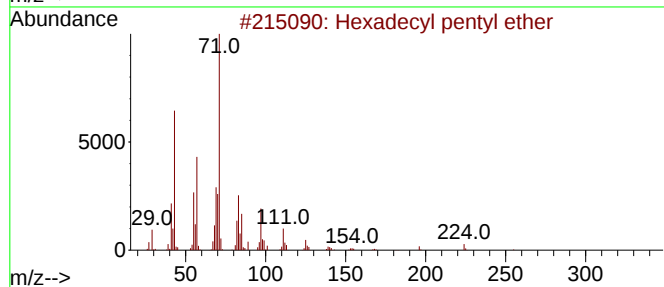
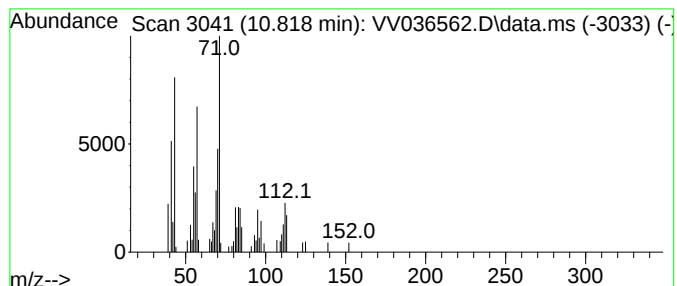
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 3 unknown-01 Concentration Rank 3

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 10.818 | 4.22 ug/L | 38098 | 1,4-Dichlorobenzene-d4 | 11.188 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#         | Qual |
|------|----|---|---------------------------|-----|---------|--------------|------|
| 1    |    |   | Hexadecyl pentyl ether    | 312 | C21H44O | 1000406-41-8 | 49   |
| 2    |    |   | 2,4,4-Trimethyl-1-hexene  | 126 | C9H18   | 051174-12-0  | 43   |
| 3    |    |   | Octyl tetracosyl ether    | 467 | C32H66O | 1000406-39-0 | 43   |
| 4    |    |   | Pentyl dotriacontyl ether | 537 | C37H76O | 1000406-42-6 | 43   |
| 5    |    |   | Octacosyl pentyl ether    | 481 | C33H68O | 1000406-42-4 | 38   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071624\  
Data File : VV036562.D  
Acq On : 16 Jul 2024 12:52  
Operator : SY/MD  
Sample : P3238-07  
Misc : 5.26g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4BF0

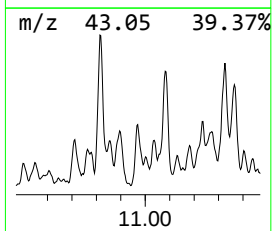
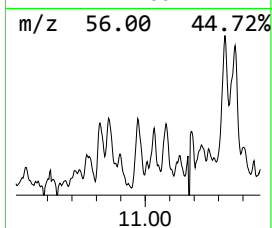
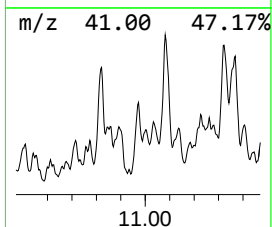
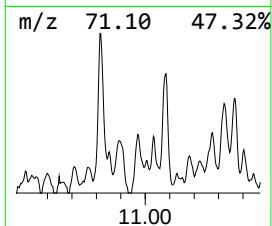
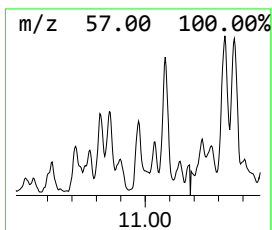
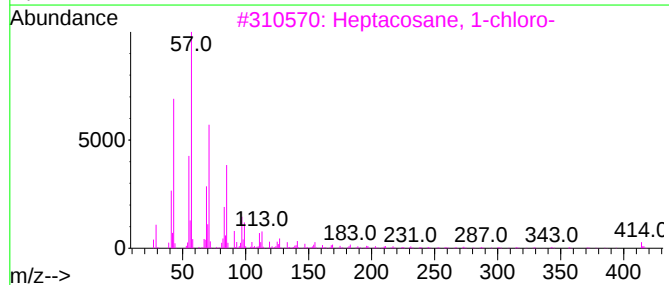
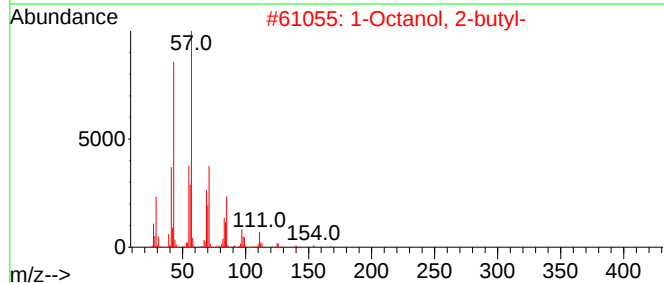
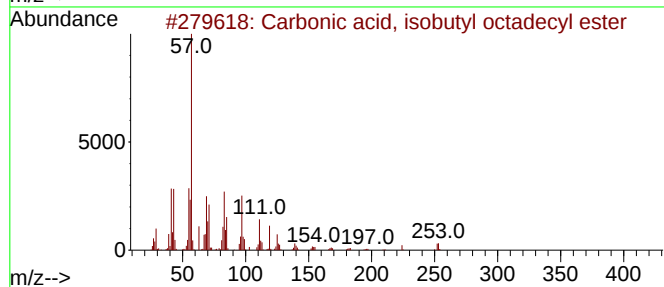
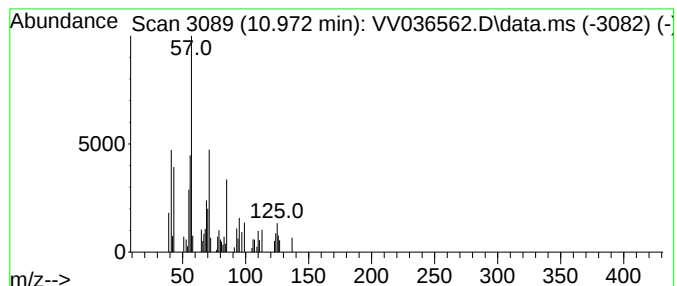
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 4 Carbonic acid, isobutyl oct... Concentration Rank 5

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 10.972 | 2.30 ug/L | 20763 | 1,4-Dichlorobenzene-d4 | 11.188 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Carbonic acid, isobutyl octadecy... | 370 | C23H46O3 | 1000314-61-5 | 50   |
| 2    |    |   | 1-Octanol, 2-butyl-                 | 186 | C12H26O  | 003913-02-8  | 47   |
| 3    |    |   | Heptacosane, 1-chloro-              | 414 | C27H55Cl | 062016-79-9  | 43   |
| 4    |    |   | Dodecane, 2,6,10-trimethyl-         | 212 | C15H32   | 003891-98-3  | 43   |
| 5    |    |   | Octane, 3,5-dimethyl-               | 142 | C10H22   | 015869-93-9  | 43   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071624\  
Data File : VV036562.D  
Acq On : 16 Jul 2024 12:52  
Operator : SY/MD  
Sample : P3238-07  
Misc : 5.26g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4BF0

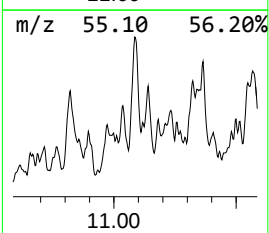
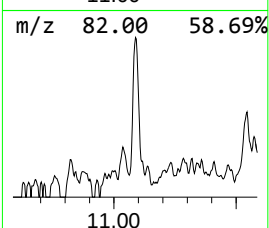
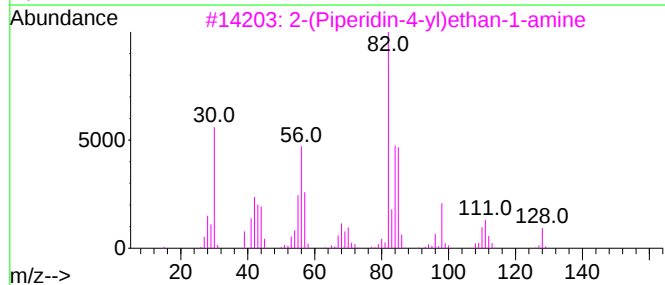
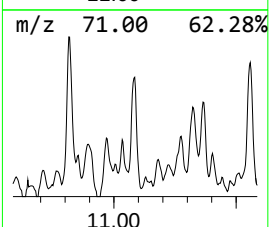
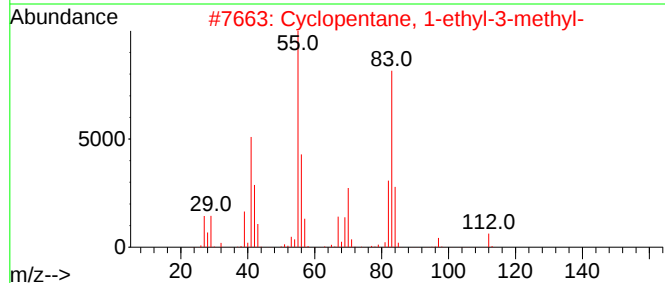
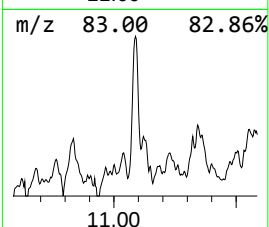
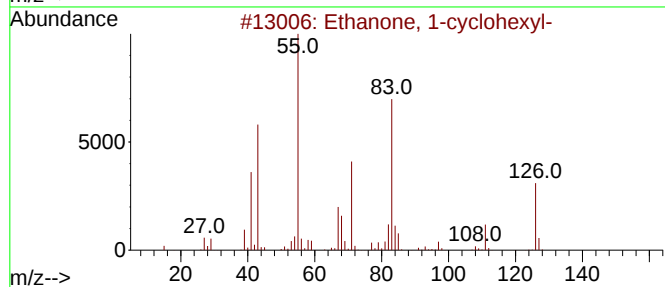
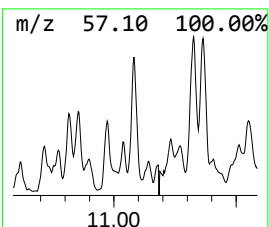
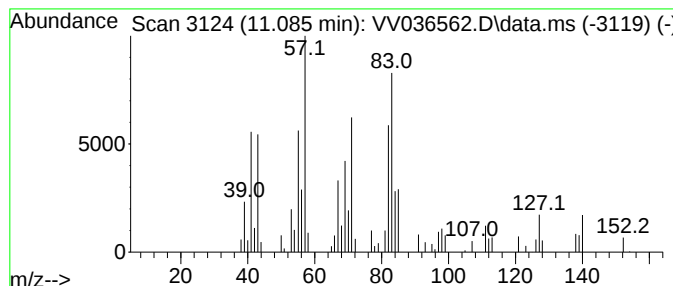
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 5 unknown-02 Concentration Rank 4

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 11.085 | 3.73 ug/L | 33626 | 1,4-Dichlorobenzene-d4 | 11.188 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Ethanone, 1-cyclohexyl-             | 126 | C8H14O     | 000823-76-7  | 46   |
| 2    |    |   | Cyclopentane, 1-ethyl-3-methyl-     | 112 | C8H16      | 003726-47-4  | 38   |
| 3    |    |   | 2-(Piperidin-4-yl)ethan-1-amine     | 128 | C7H16N2    | 076025-62-2  | 38   |
| 4    |    |   | Cyclopentane, 1-ethyl-3-methyl-,... | 112 | C8H16      | 002613-66-3  | 38   |
| 5    |    |   | Octacosyl trifluoroacetate          | 506 | C30H57F3O2 | 1000351-74-9 | 38   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071624\  
Data File : VV036562.D  
Acq On : 16 Jul 2024 12:52  
Operator : SY/MD  
Sample : P3238-07  
Misc : 5.26g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4BF0

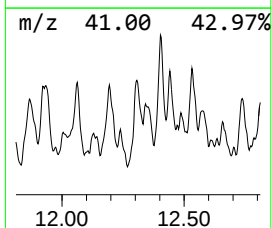
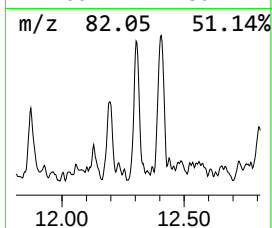
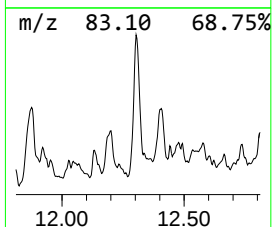
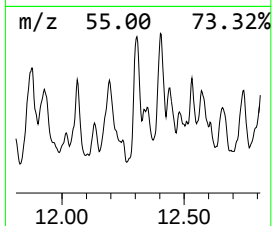
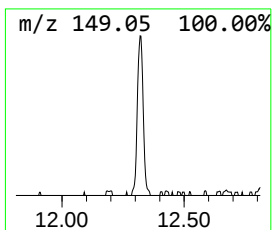
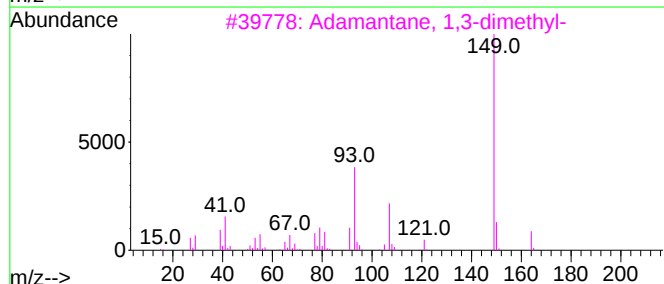
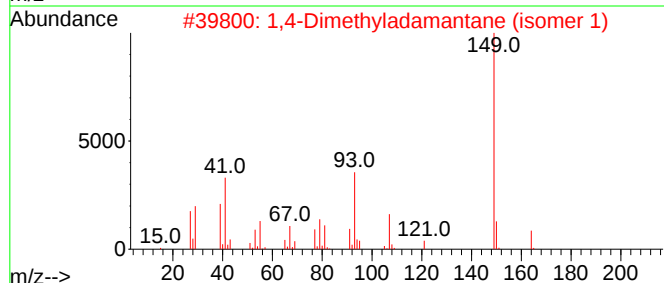
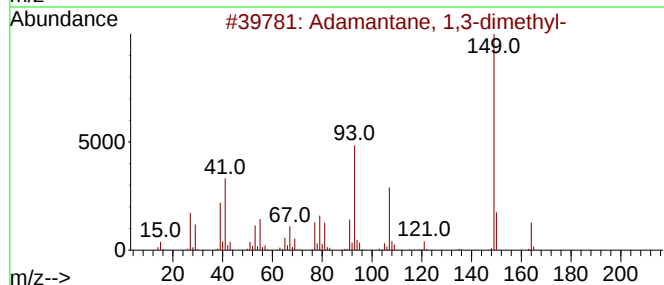
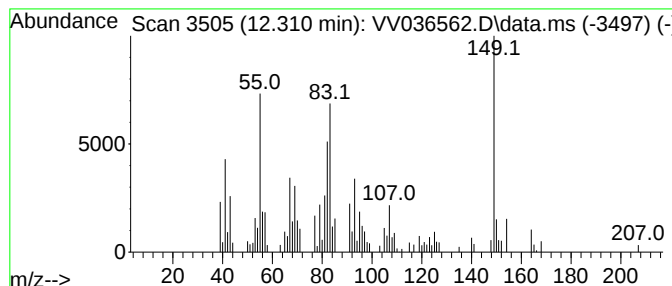
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Quant Title : VOC Analysis

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

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Peak Number 6 unknown-03 Concentration Rank 1

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.310 | 8.77 ug/L | 79047 | 1,4-Dichlorobenzene-d4 | 11.188 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Adamantane, 1,3-dimethyl-           | 164 | C12H20  | 000702-79-4  | 45   |
| 2    |    |   | 1,4-Dimethyladamantane (isomer 1)   | 164 | C12H20  | 1000460-67-0 | 43   |
| 3    |    |   | Adamantane, 1,3-dimethyl-           | 164 | C12H20  | 000702-79-4  | 43   |
| 4    |    |   | 4-Amino-2-methyl-5,6-trimethylen... | 149 | C8H11N3 | 076881-49-7  | 30   |
| 5    |    |   | 7H-Purin-6-amine, 7-methyl-         | 149 | C6H7N5  | 000935-69-3  | 30   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071624\  
Data File : VV036562.D  
Acq On : 16 Jul 2024 12:52  
Operator : SY/MD  
Sample : P3238-07  
Misc : 5.26g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4BF0

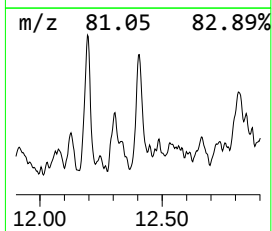
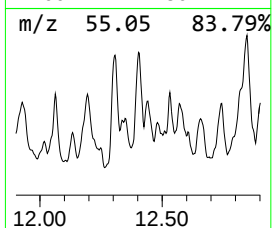
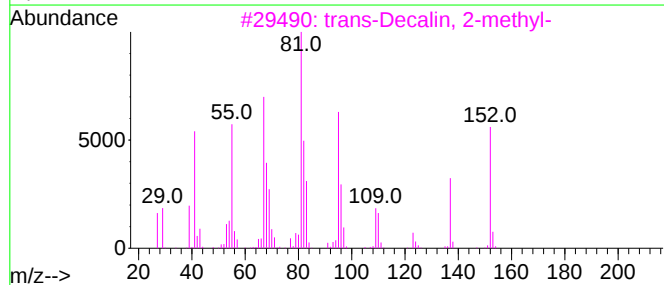
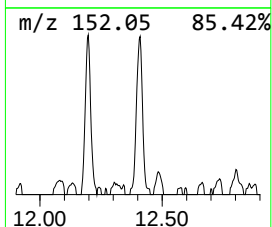
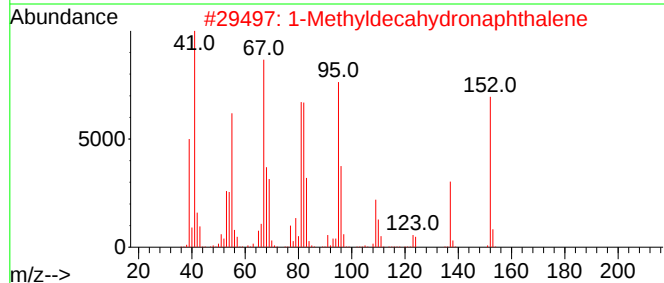
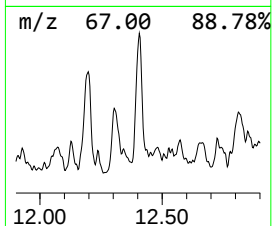
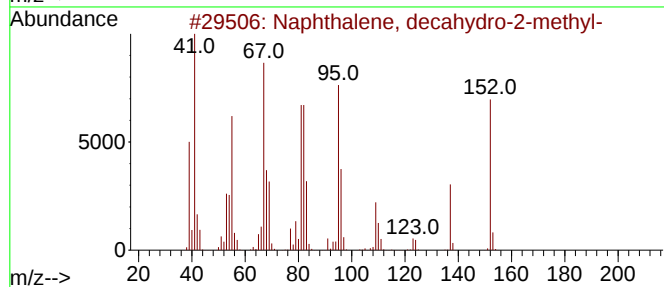
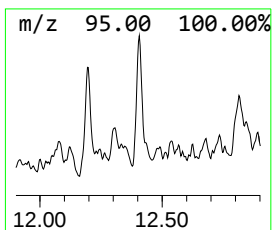
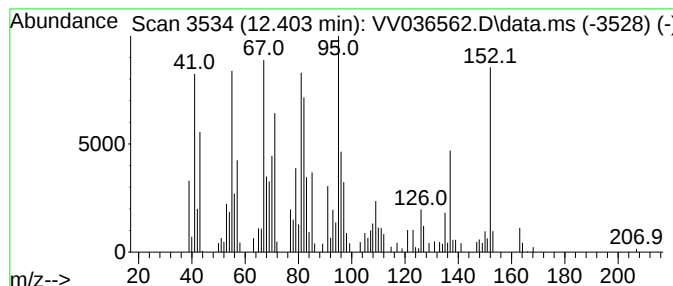
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Quant Title : VOC Analysis

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

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Peak Number 7 Naphthalene, decahydro-2-me... Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.403 | 7.75 ug/L | 69907 | 1,4-Dichlorobenzene-d4 | 11.188 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#         | Qual |
|------|----|---|----------------------------------|-----|---------|--------------|------|
| 1    |    |   | Naphthalene, decahydro-2-methyl- | 152 | C11H20  | 002958-76-1  | 90   |
| 2    |    |   | 1-Methyldecahydronaphthalene     | 152 | C11H20  | 002958-75-0  | 90   |
| 3    |    |   | trans-Decalin, 2-methyl-         | 152 | C11H20  | 1000152-47-3 | 86   |
| 4    |    |   | Naphthalene, decahydro-2-methyl- | 152 | C11H20  | 002958-76-1  | 74   |
| 5    |    |   | cis-Decalin, 2-syn-methyl-       | 152 | C11H20  | 1000155-85-6 | 74   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071624\  
Data File : VV036562.D  
Acq On : 16 Jul 2024 12:52  
Operator : SY/MD  
Sample : P3238-07  
Misc : 5.26g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4BF0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.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... | 10.448 | 1.7     | ug/L  | 15533    | 3                     | 11.188 | 225454 | 25.0 |
| unknown-01         | 10.818 | 4.2     | ug/L  | 38098    | 3                     | 11.188 | 225454 | 25.0 |
| Carbonic acid, ... | 10.972 | 2.3     | ug/L  | 20763    | 3                     | 11.188 | 225454 | 25.0 |
| unknown-02         | 11.085 | 3.7     | ug/L  | 33626    | 3                     | 11.188 | 225454 | 25.0 |
| unknown-03         | 12.310 | 8.8     | ug/L  | 79047    | 3                     | 11.188 | 225454 | 25.0 |
| Naphthalene, de... | 12.403 | 7.8     | ug/L  | 69907    | 3                     | 11.188 | 225454 | 25.0 |