

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020725\  
 Data File : VX044862.D  
 Acq On : 07 Feb 2025 12:39  
 Operator : JC/MD  
 Sample : Q1316-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 001-WILLETS-PT-BLVD(FEB)

Integration Parameters: RTEINT3.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X011625W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX044862.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         | 1.538       | 71            | 74          | 76           | rBV      | 5539           | 6213          | 1.46%           | 0.287%        |
| 2         | 2.386       | 207           | 213         | 224          | rVB      | 21088          | 39940         | 9.39%           | 1.847%        |
| 3         | 2.563       | 237           | 242         | 251          | rVB      | 5233           | 12283         | 2.89%           | 0.568%        |
| 4         | 4.891       | 615           | 624         | 638          | rBV2     | 39943          | 124968        | 29.37%          | 5.780%        |
| 5         | 5.952       | 789           | 798         | 816          | rBV      | 52064          | 142642        | 33.52%          | 6.598%        |
| 6         | 6.757       | 920           | 930         | 944          | rBV2     | 91687          | 228238        | 53.64%          | 10.557%       |
| 7         | 8.580       | 1224          | 1229        | 1234         | rBV      | 4669           | 8397          | 1.97%           | 0.388%        |
| 8         | 8.647       | 1234          | 1240        | 1246         | rVV      | 230949         | 380189        | 89.35%          | 17.586%       |
| 9         | 8.714       | 1246          | 1251        | 1269         | rVV      | 263082         | 425525        | 100.00%         | 19.683%       |
| 10        | 8.848       | 1269          | 1273        | 1280         | rVB      | 7598           | 12970         | 3.05%           | 0.600%        |
| 11        | 9.543       | 1380          | 1387        | 1393         | rBV4     | 2890           | 6544          | 1.54%           | 0.303%        |
| 12        | 10.049      | 1465          | 1470        | 1486         | rBV      | 191077         | 273798        | 64.34%          | 12.665%       |
| 13        | 11.079      | 1631          | 1639        | 1651         | rBV      | 207643         | 270001        | 63.45%          | 12.489%       |
| 14        | 11.335      | 1674          | 1681        | 1686         | rBV6     | 3007           | 5468          | 1.29%           | 0.253%        |
| 15        | 11.695      | 1736          | 1740        | 1746         | rVV      | 10720          | 15702         | 3.69%           | 0.726%        |
| 16        | 11.768      | 1746          | 1752        | 1761         | rVB4     | 14767          | 27770         | 6.53%           | 1.285%        |
| 17        | 11.847      | 1761          | 1765        | 1767         | rBV2     | 8111           | 10444         | 2.45%           | 0.483%        |
| 18        | 11.884      | 1767          | 1771        | 1783         | rVB3     | 23804          | 46969         | 11.04%          | 2.173%        |
| 19        | 12.006      | 1788          | 1791        | 1794         | rBV      | 18143          | 21906         | 5.15%           | 1.013%        |
| 20        | 12.043      | 1794          | 1797        | 1801         | rVB      | 6395           | 7614          | 1.79%           | 0.352%        |
| 21        | 12.091      | 1801          | 1805        | 1808         | rBV2     | 12531          | 18274         | 4.29%           | 0.845%        |
| 22        | 12.219      | 1822          | 1826        | 1836         | rBV10    | 4163           | 11281         | 2.65%           | 0.522%        |
| 23        | 12.579      | 1879          | 1885        | 1889         | rBV6     | 3491           | 6195          | 1.46%           | 0.287%        |
| 24        | 12.768      | 1911          | 1916        | 1920         | rBV3     | 2971           | 4691          | 1.10%           | 0.217%        |
| 25        | 12.853      | 1926          | 1930        | 1935         | rBV5     | 4811           | 6792          | 1.60%           | 0.314%        |
| 26        | 13.292      | 1993          | 2002        | 2005         | rBV6     | 4211           | 7698          | 1.81%           | 0.356%        |
| 27        | 13.335      | 2005          | 2009        | 2014         | rBV2     | 9117           | 11608         | 2.73%           | 0.537%        |
| 28        | 13.420      | 2020          | 2023        | 2029         | rVB6     | 4280           | 6178          | 1.45%           | 0.286%        |
| 29        | 13.585      | 2046          | 2050        | 2057         | rBV5     | 8940           | 15609         | 3.67%           | 0.722%        |
| 30        | 14.225      | 2150          | 2155        | 2159         | rBV5     | 3536           | 6023          | 1.42%           | 0.279%        |

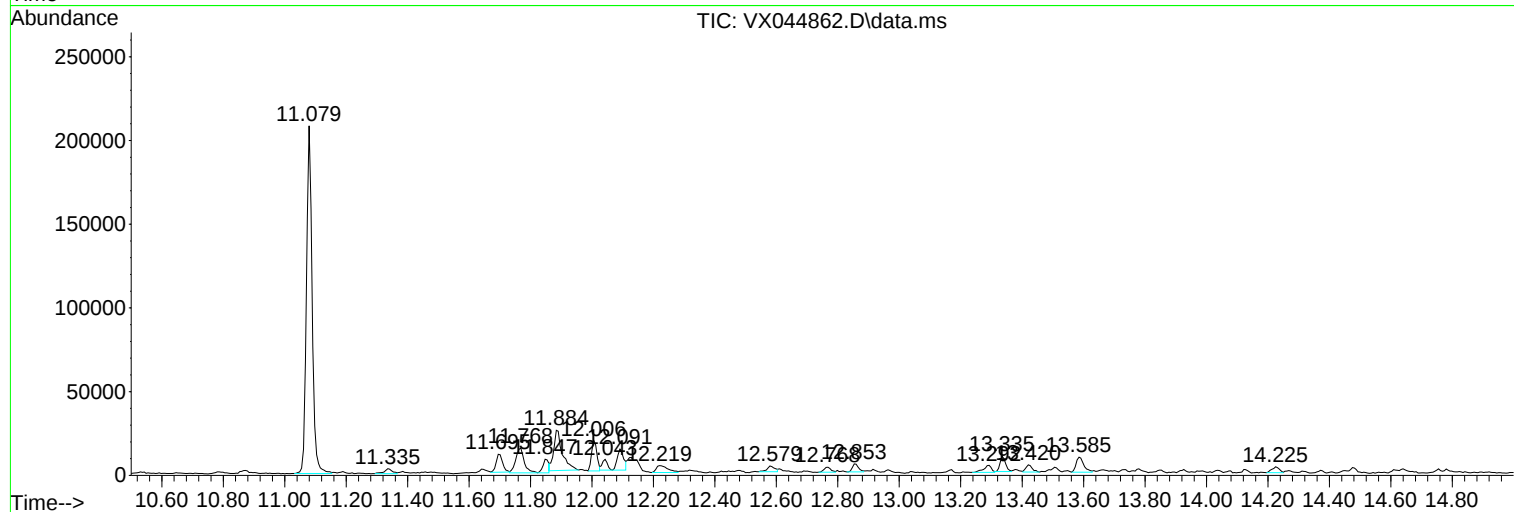
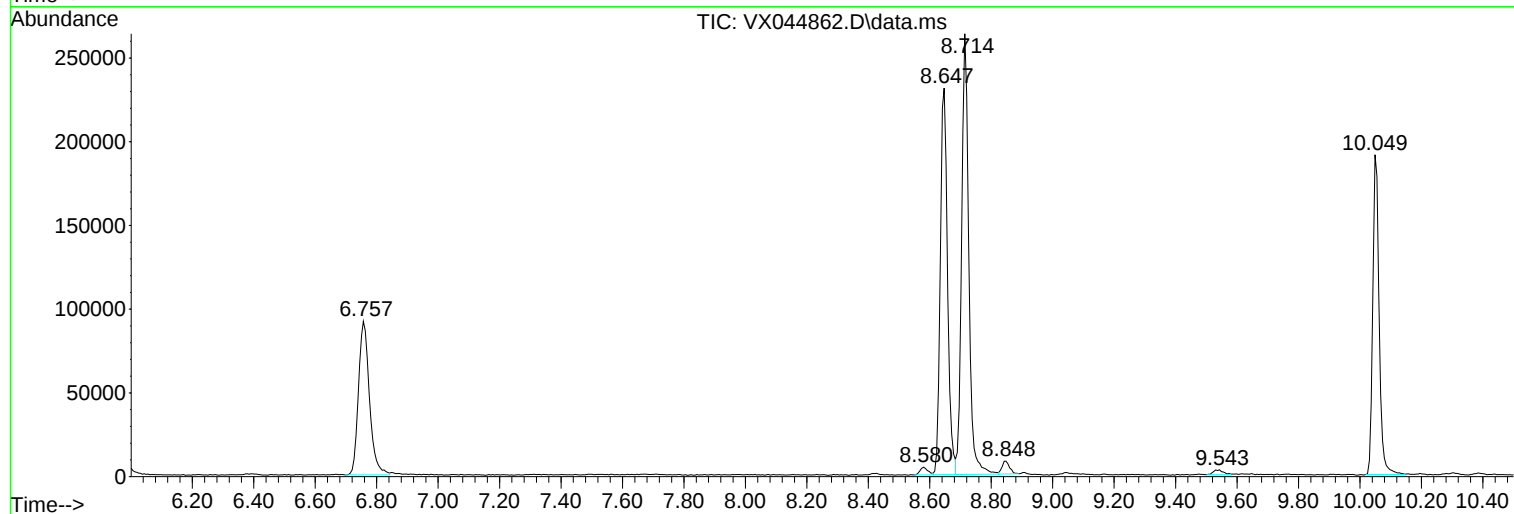
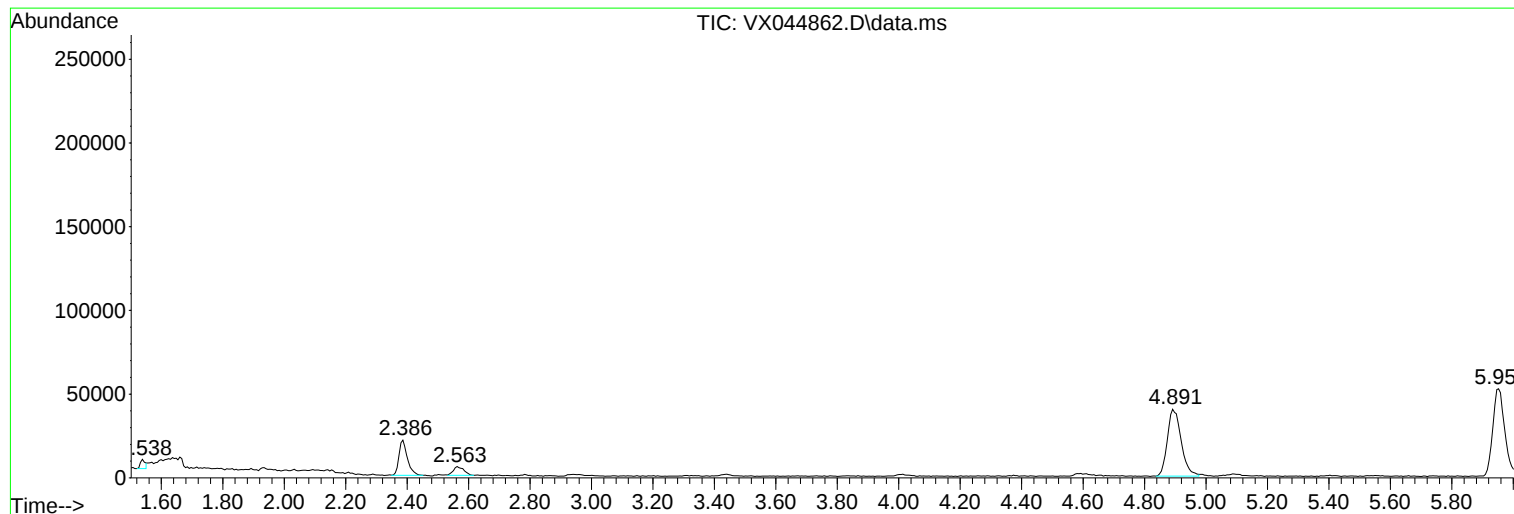
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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
001-WILLETS-PT-BLVD(FEB)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X011625W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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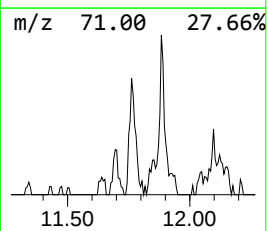
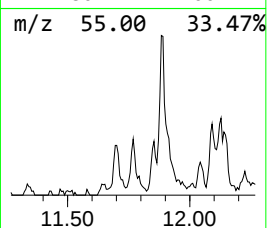
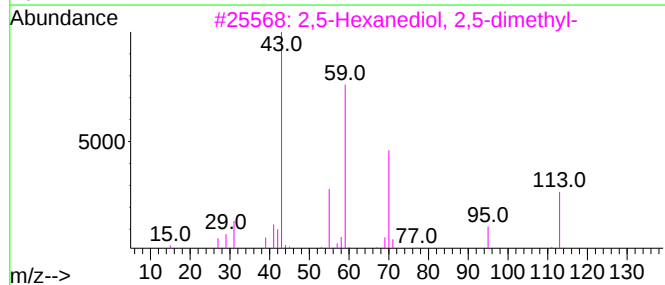
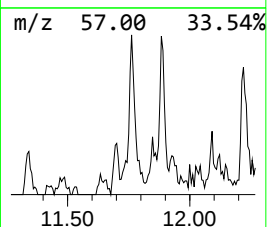
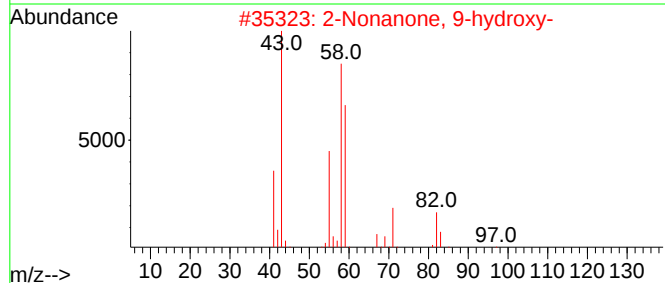
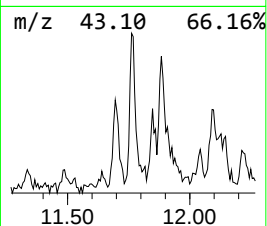
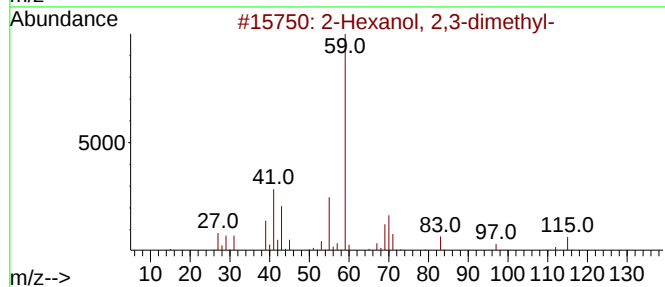
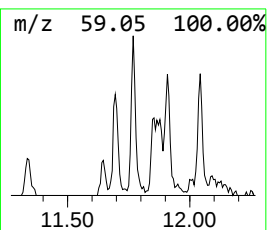
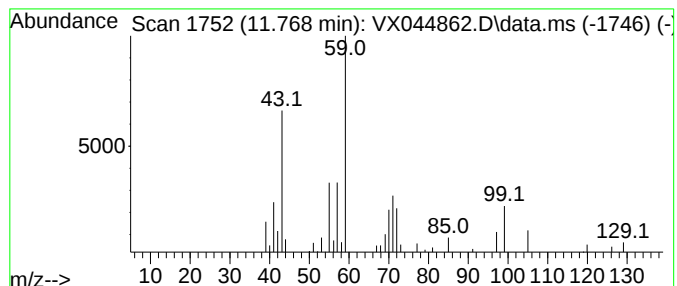
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown11.768 Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 11.768 | 3.04 ug/l | 27770 | Chlorobenzene-d5 | 10.049 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 2-Hexanol, 2,3-dimethyl-            |   |              | 130 | C8H18O  | 019550-03-9 | 25   |
| 2    | 2-Nonanone, 9-hydroxy-              |   |              | 158 | C9H18O2 | 025368-56-3 | 23   |
| 3    | 2,5-Hexanediol, 2,5-dimethyl-       |   |              | 146 | C8H18O2 | 000110-03-2 | 16   |
| 4    | Cyclopentanemethanol, .alpha.,.a... |   |              | 128 | C8H16O  | 001462-06-2 | 16   |
| 5    | 4-Pentene-2-ol, 2-methyl            |   |              | 100 | C6H12O  | 000624-97-5 | 12   |



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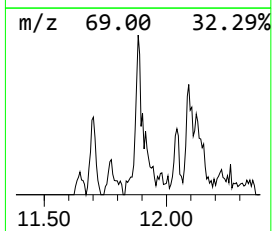
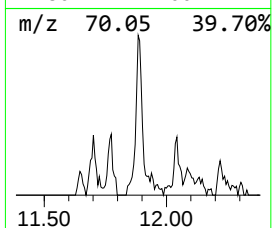
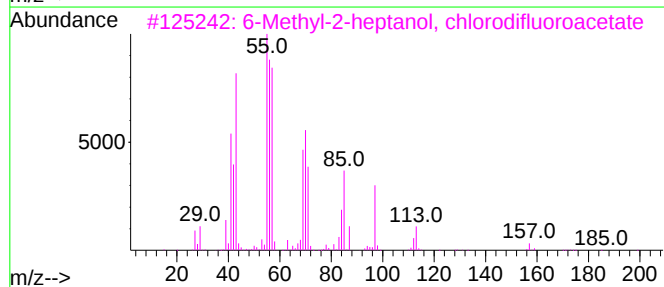
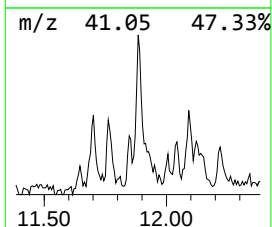
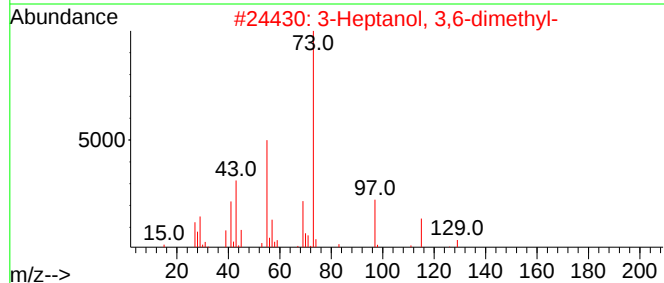
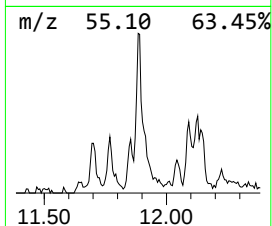
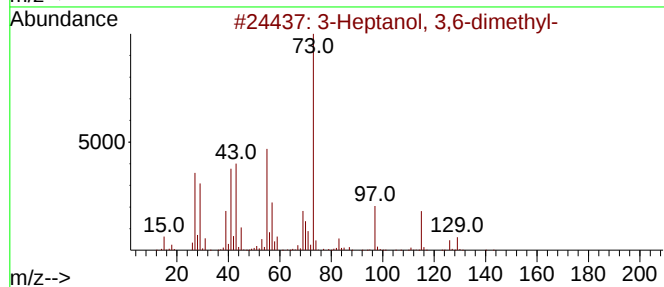
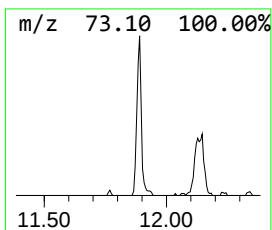
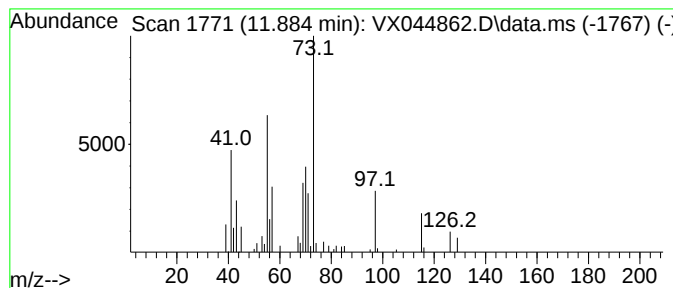
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown11.884 Concentration Rank 1

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 11.884 | 5.15 ug/l | 46969 | Chlorobenzene-d5 | 10.049 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm      | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|--------------|--------------|------|
| 1    |    |   | 3-Heptanol, 3,6-dimethyl-            | 144 | C9H20O       | 001573-28-0  | 47   |
| 2    |    |   | 3-Heptanol, 3,6-dimethyl-            | 144 | C9H20O       | 001573-28-0  | 38   |
| 3    |    |   | 6-Methyl-2-heptanol, chlorodiflu...  | 242 | C10H17ClF2O2 | 1000447-27-5 | 37   |
| 4    |    |   | Cyclohexane, 1,2,3-trimethyl-        | 126 | C9H18        | 001678-97-3  | 32   |
| 5    |    |   | Cyclohexane, 1,2,3-trimethyl-, (...) | 126 | C9H18        | 007667-55-2  | 27   |



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| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                  |        |         |       |          | #                     | RT     | Resp   | Conc |
| unknown11.768    | 11.768 | 3.0     | ug/l  | 27770    | 3                     | 10.049 | 273798 | 30.0 |
| unknown11.884    | 11.884 | 5.2     | ug/l  | 46969    | 3                     | 10.049 | 273798 | 30.0 |