

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX050820\  
 Data File : VX016117.D  
 Acq On : 08 May 2020 13:47  
 Operator : JC/SP  
 Sample : L2511-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

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

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\624X043020W.M  
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

| 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         | 2.416       | 211           | 218         | 235          | rBV      | 3301274        | 5337292       | 100.00%         | 49.133%       |
| 2         | 2.575       | 237           | 244         | 260          | rBV      | 620050         | 1114067       | 20.87%          | 10.256%       |
| 3         | 4.641       | 573           | 583         | 594          | rBV2     | 21612          | 70524         | 1.32%           | 0.649%        |
| 4         | 4.983       | 625           | 639         | 652          | rBV      | 114368         | 347445        | 6.51%           | 3.198%        |
| 5         | 6.037       | 799           | 812         | 826          | rBV      | 117893         | 314511        | 5.89%           | 2.895%        |
| 6         | 6.836       | 933           | 943         | 954          | rBV      | 275288         | 648488        | 12.15%          | 5.970%        |
| 7         | 8.622       | 1230          | 1236        | 1242         | rBV      | 40050          | 63677         | 1.19%           | 0.586%        |
| 8         | 8.695       | 1242          | 1248        | 1254         | rVV      | 567493         | 883236        | 16.55%          | 8.131%        |
| 9         | 8.769       | 1254          | 1260        | 1271         | rVB      | 249380         | 391429        | 7.33%           | 3.603%        |
| 10        | 10.098      | 1472          | 1478        | 1491         | rVB      | 571805         | 759985        | 14.24%          | 6.996%        |
| 11        | 10.342      | 1511          | 1518        | 1524         | rVB      | 41197          | 57072         | 1.07%           | 0.525%        |
| 12        | 10.579      | 1552          | 1557        | 1562         | rVB      | 162976         | 207705        | 3.89%           | 1.912%        |
| 13        | 11.122      | 1638          | 1646        | 1652         | rBV      | 451187         | 582091        | 10.91%          | 5.358%        |
| 14        | 12.262      | 1828          | 1833        | 1845         | rBV      | 37682          | 85512         | 1.60%           | 0.787%        |

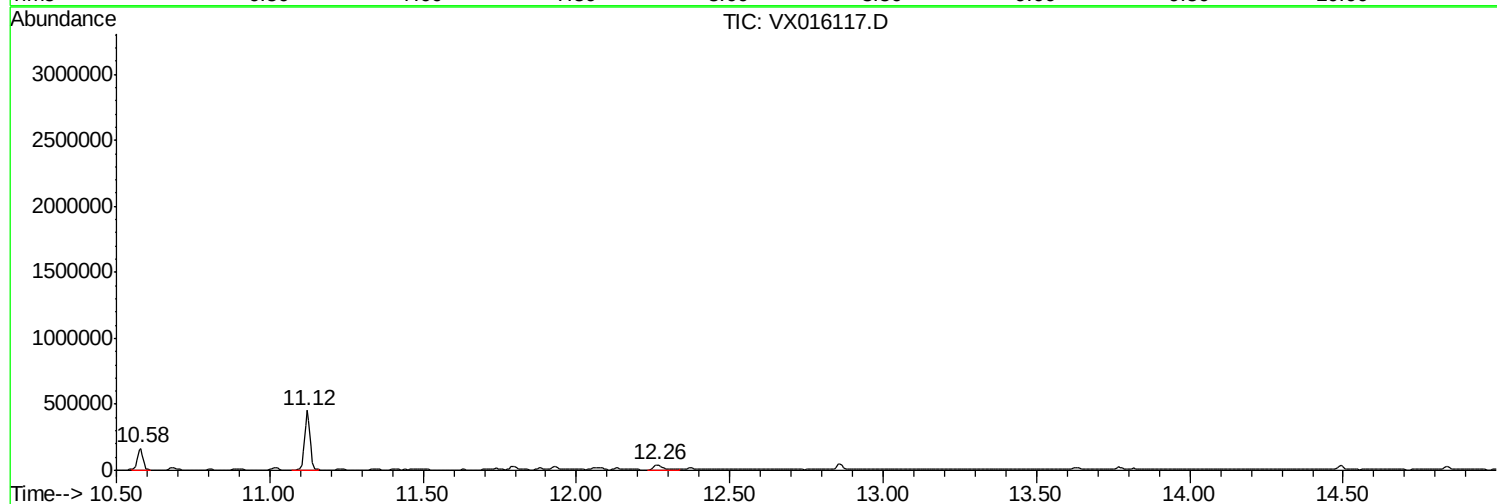
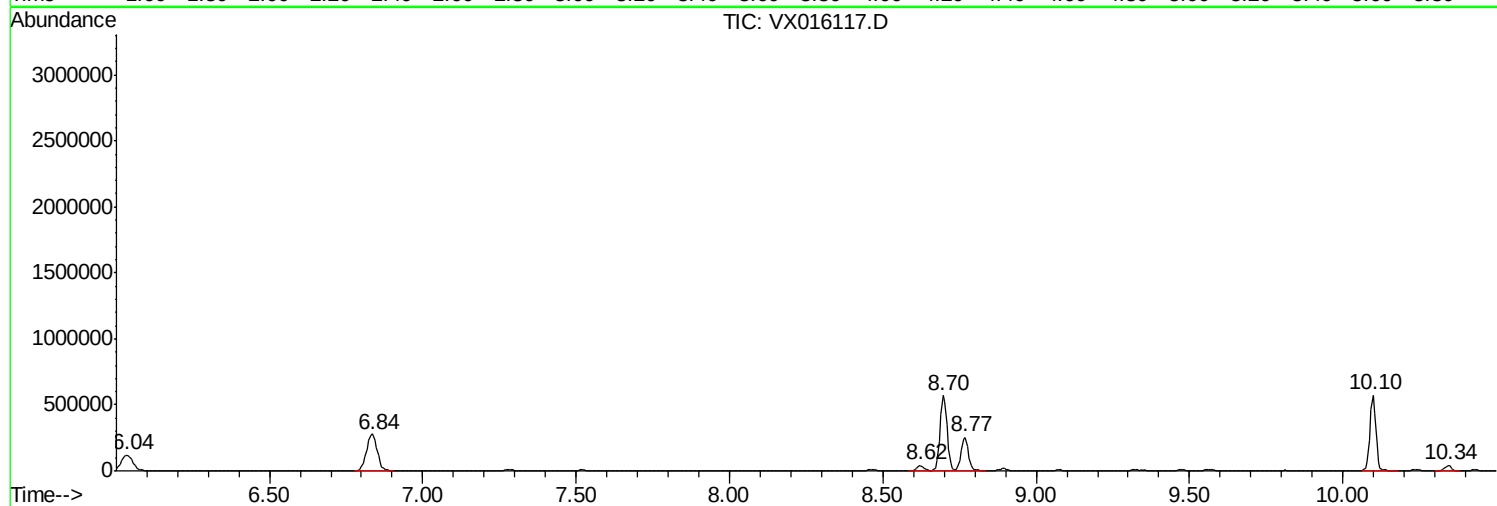
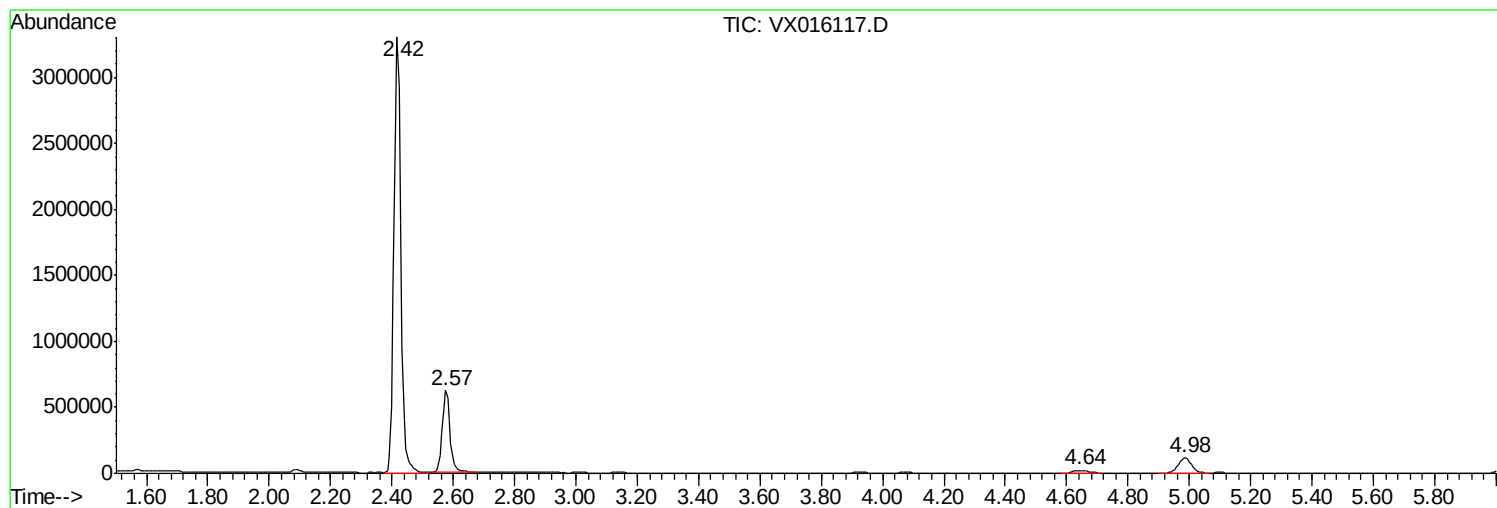
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Instrument :  
MSVOA\_X  
ClientSampleId :  
001-WILLETS-PT-BLVD-(MAY)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050820\  
Data File : VX016117.D  
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Operator : JC/SP  
Sample : L2511-01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :  
001-WILLETS-PT-BLVD-(MAY)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

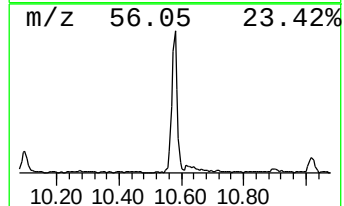
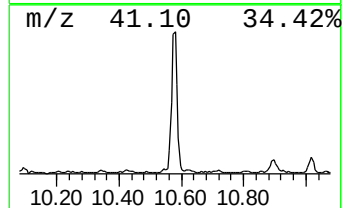
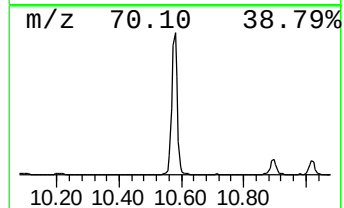
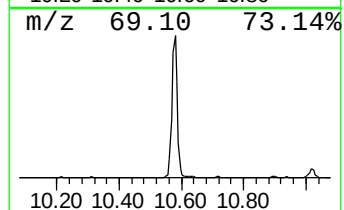
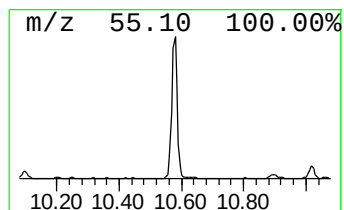
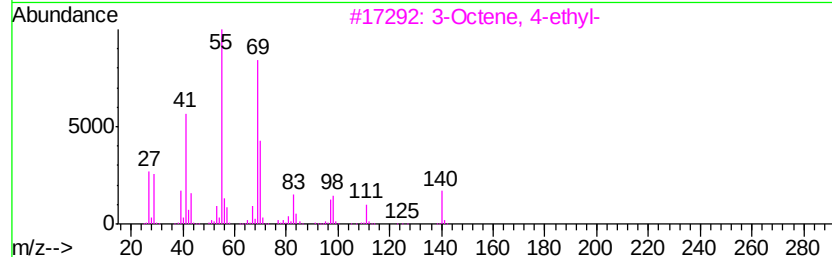
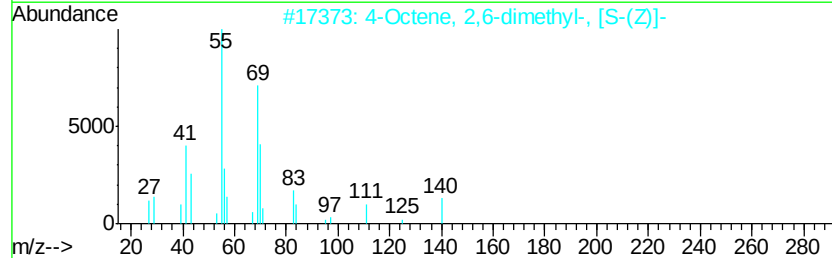
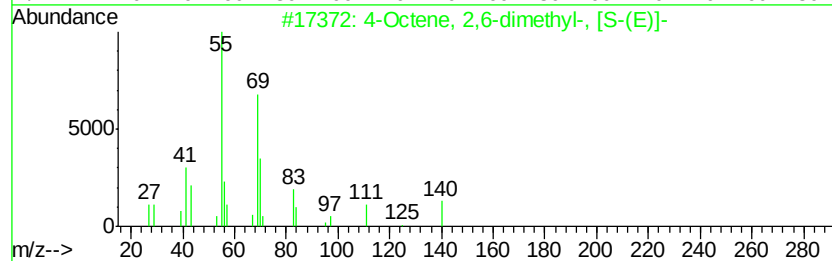
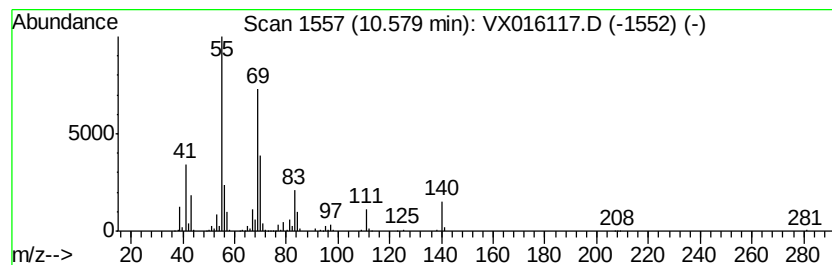
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 10.58 | 8.20 ug/l | 207705 | Chlorobenzene-d5 | 10.10 |

| Hit# | of | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------------|-----|---------|-------------|------|
| 1    | 5  | 4-Octene, 2,6-dimethyl-, [S-(E)]- | 140 | C10H20  | 062960-76-3 | 94   |
| 2    |    | 4-Octene, 2,6-dimethyl-, [S-(Z)]- | 140 | C10H20  | 062960-77-4 | 87   |
| 3    |    | 3-Octene, 4-ethyl-                | 140 | C10H20  | 053966-51-1 | 83   |
| 4    |    | trans-4-Decene                    | 140 | C10H20  | 019398-89-1 | 80   |
| 5    |    | 2-Octene, 4-ethyl-, (E)-          | 140 | C10H20  | 074630-09-4 | 80   |



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MSVOA\_X  
ClientSampled :  
001-WILLETS-PT-BLVD-(MAY)

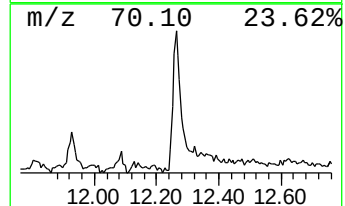
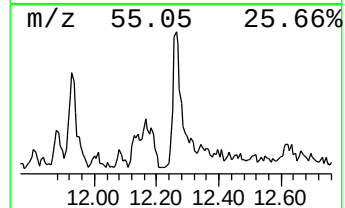
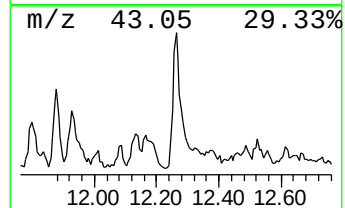
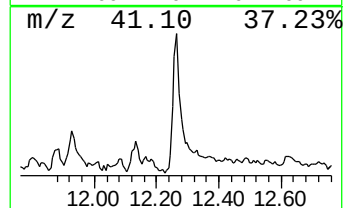
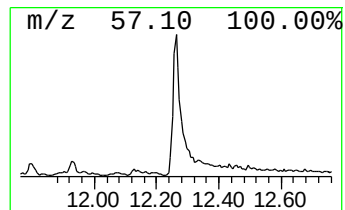
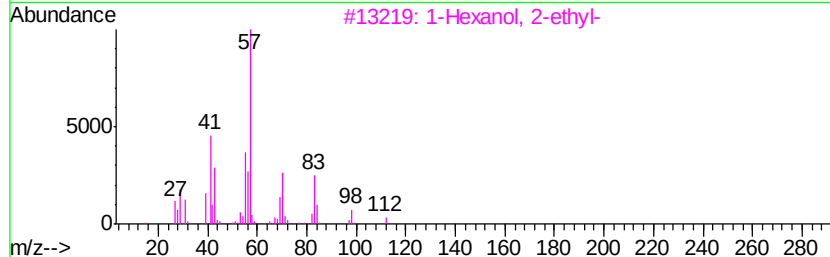
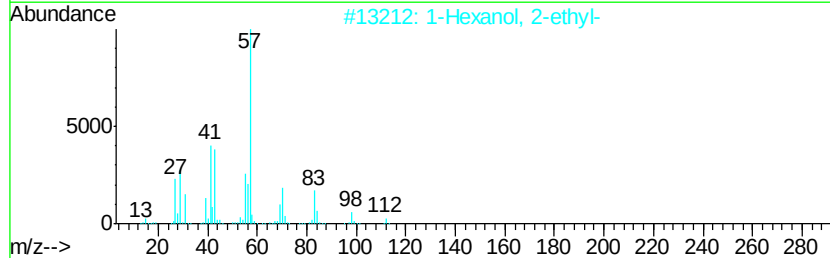
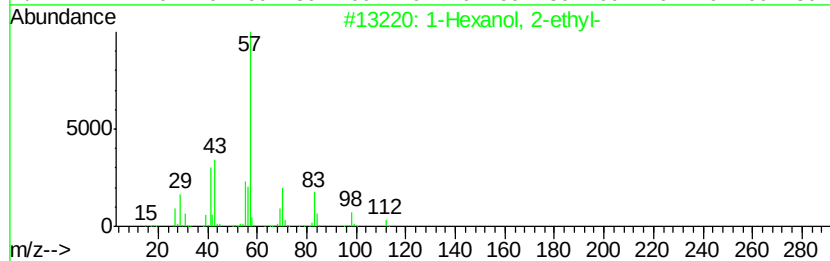
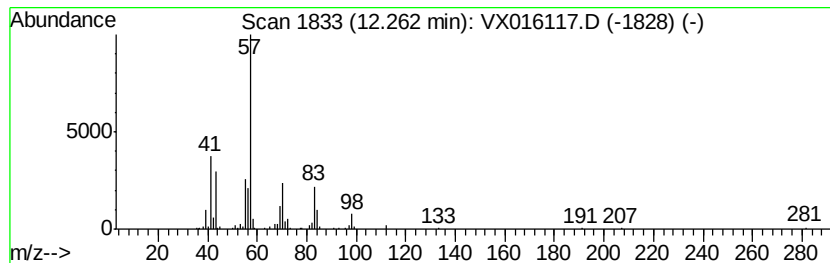
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD | R.T.  |
|-------|-----------|-------|------------------|-------|
| 12.26 | 3.38 ug/l | 85512 | Chlorobenzene-d5 | 10.10 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 78   |
| 2    |    | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 64   |
| 3    |    | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 59   |
| 4    |    | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 53   |
| 5    |    | 1-Pentanol, 2-ethyl-4-methyl- | 130 | C8H18O  | 000106-67-2 | 50   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 4-Octene, 2,6-dim... | 10.58 | 8.2     | ug/l  | 207705   | 3                     | 10.10 | 759985 | 30.0 |
| 1-Hexanol, 2-ethyl-  | 12.26 | 3.4     | ug/l  | 85512    | 3                     | 10.10 | 759985 | 30.0 |