

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032224\  
 Data File : VX040780.D  
 Acq On : 22 Mar 2024 15:06  
 Operator : JC/MD  
 Sample : P1836-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 240308028-05

Integration Parameters: RTEINT3.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\_X\Method\624X030524W.M  
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX040780.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         | 4.898       | 612           | 625         | 640          | rBV3     | 38972          | 116895        | 30.70%          | 6.679%        |
| 2         | 5.958       | 788           | 799         | 809          | rBV      | 44395          | 120780        | 31.72%          | 6.901%        |
| 3         | 6.763       | 922           | 931         | 944          | rBV      | 89509          | 215322        | 56.55%          | 12.302%       |
| 4         | 8.647       | 1231          | 1240        | 1251         | rBV      | 176078         | 280085        | 73.56%          | 16.002%       |
| 5         | 10.055      | 1465          | 1471        | 1472         | rBV      | 190969         | 247428        | 64.99%          | 14.136%       |
| 6         | 10.080      | 1472          | 1475        | 1487         | rVB      | 275475         | 380740        | 100.00%         | 21.753%       |
| 7         | 11.079      | 1634          | 1639        | 1652         | rVB      | 153139         | 197954        | 51.99%          | 11.310%       |
| 8         | 11.890      | 1769          | 1772        | 1776         | rVB2     | 3355           | 4296          | 1.13%           | 0.245%        |
| 9         | 12.043      | 1790          | 1797        | 1808         | rBV      | 30412          | 44570         | 11.71%          | 2.546%        |
| 10        | 12.244      | 1824          | 1830        | 1839         | rVV2     | 27370          | 36332         | 9.54%           | 2.076%        |
| 11        | 12.335      | 1841          | 1845        | 1848         | rVV4     | 3704           | 4909          | 1.29%           | 0.280%        |
| 12        | 12.402      | 1852          | 1856        | 1860         | rBV2     | 5073           | 6161          | 1.62%           | 0.352%        |
| 13        | 12.646      | 1893          | 1896        | 1901         | rVB2     | 5501           | 6253          | 1.64%           | 0.357%        |
| 14        | 12.701      | 1901          | 1905        | 1912         | rVB4     | 5029           | 9793          | 2.57%           | 0.560%        |
| 15        | 12.920      | 1935          | 1941        | 1946         | rVB4     | 3075           | 4760          | 1.25%           | 0.272%        |
| 16        | 13.170      | 1979          | 1982        | 1989         | rVB3     | 9813           | 12304         | 3.23%           | 0.703%        |
| 17        | 13.292      | 1997          | 2002        | 2007         | rVB2     | 19565          | 24903         | 6.54%           | 1.423%        |
| 18        | 13.658      | 2059          | 2062        | 2073         | rVB3     | 5067           | 8466          | 2.22%           | 0.484%        |
| 19        | 13.926      | 2102          | 2106        | 2110         | rBV3     | 6035           | 7489          | 1.97%           | 0.428%        |
| 20        | 14.073      | 2125          | 2130        | 2133         | rBV2     | 4592           | 5282          | 1.39%           | 0.302%        |
| 21        | 14.213      | 2149          | 2153        | 2159         | rVB2     | 3310           | 5381          | 1.41%           | 0.307%        |
| 22        | 14.371      | 2176          | 2179        | 2184         | rVB3     | 3625           | 4988          | 1.31%           | 0.285%        |
| 23        | 14.481      | 2193          | 2197        | 2201         | rVB4     | 3987           | 5216          | 1.37%           | 0.298%        |

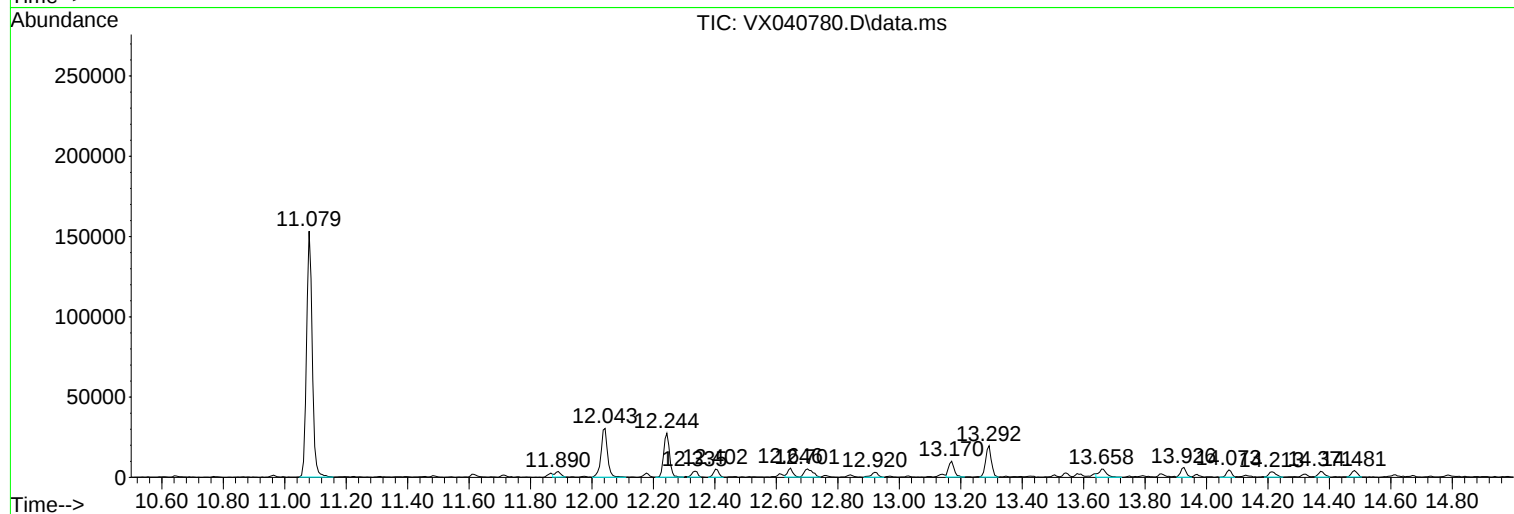
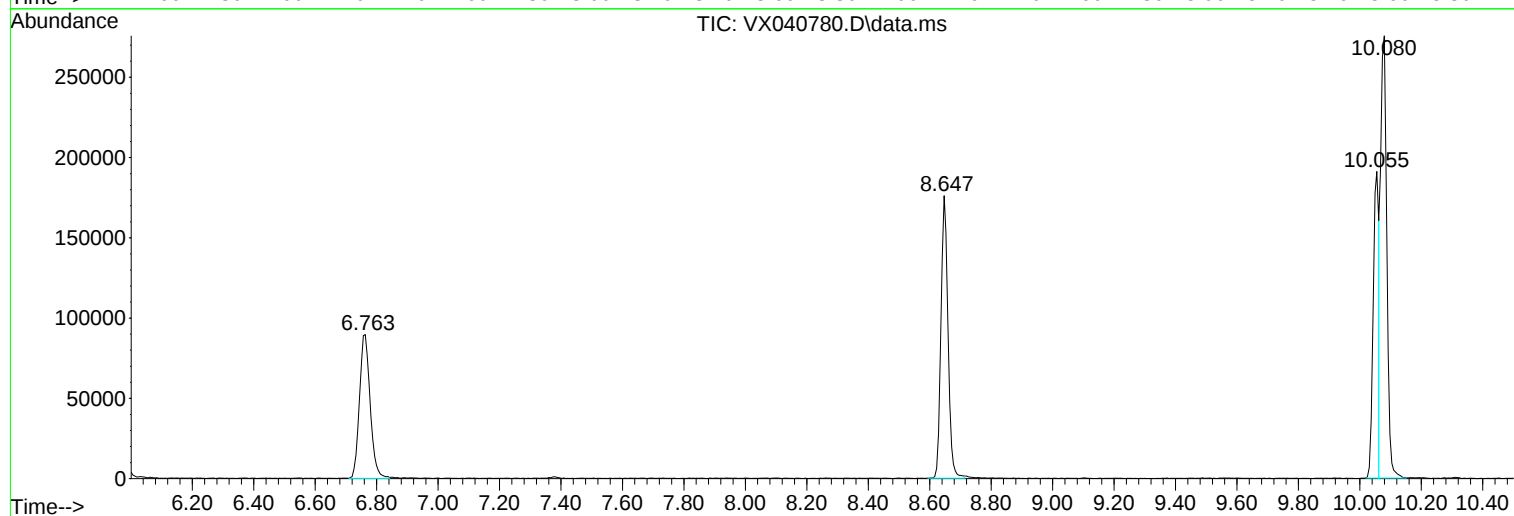
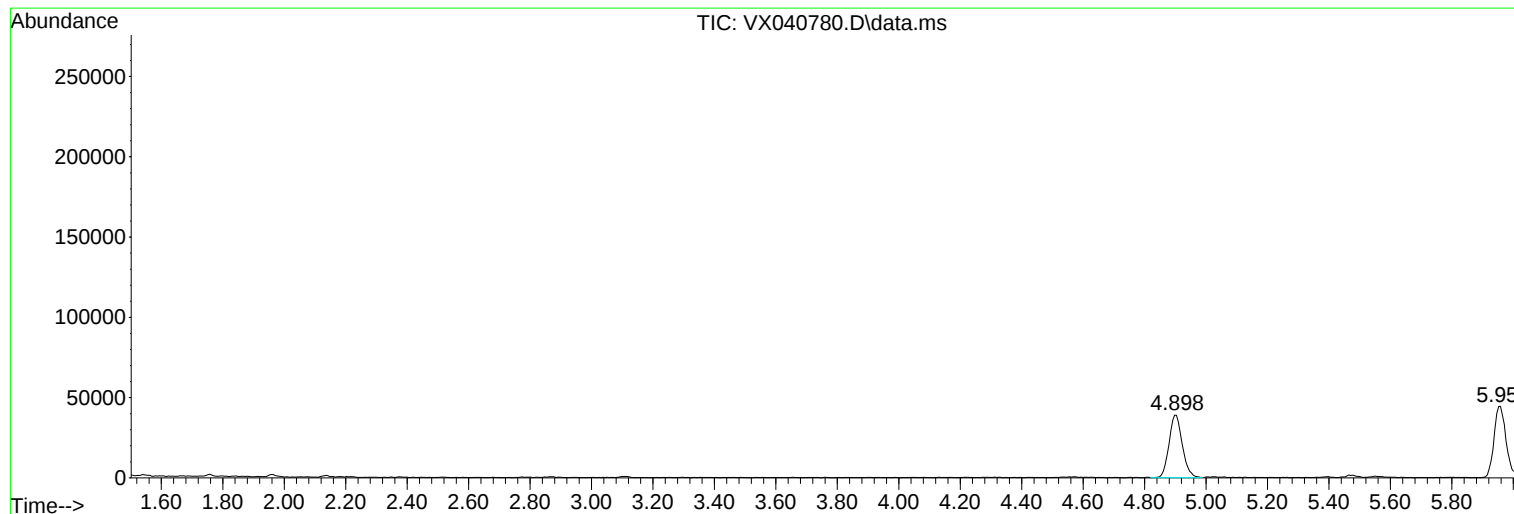
Sum of corrected areas: 1750307

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Instrument :  
MSVOA\_X  
ClientSampleId :  
240308028-05

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X030524W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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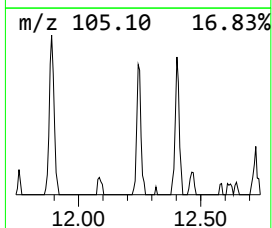
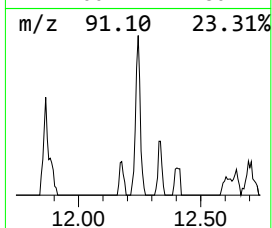
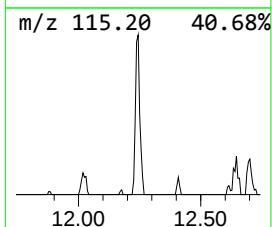
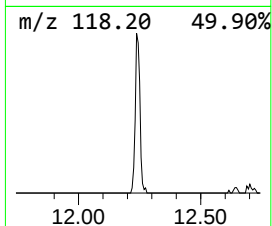
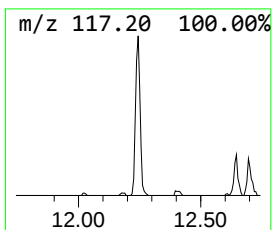
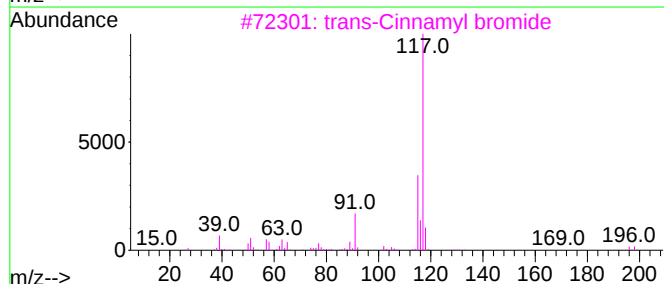
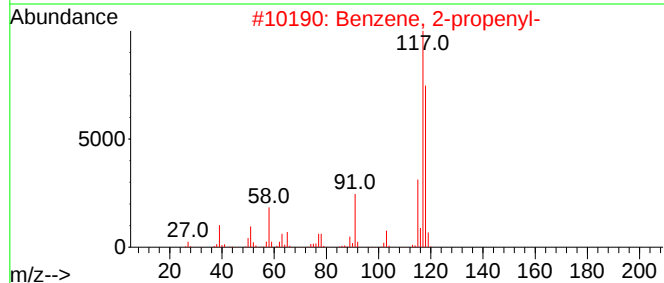
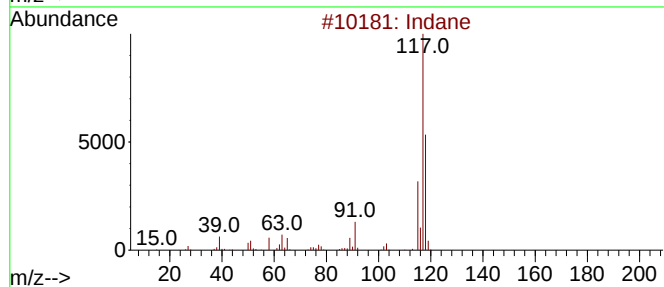
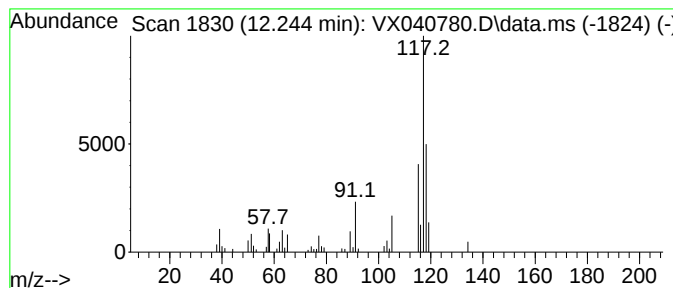
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X030524W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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Peak Number 1 Indane Concentration Rank 1

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 12.244 | 4.41 ug/l | 36332 | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Indane                              | 118 | C9H10   | 000496-11-7  | 64   |
| 2    |    |   | Benzene, 2-propenyl-                | 118 | C9H10   | 000300-57-2  | 58   |
| 3    |    |   | trans-Cinnamyl bromide              | 196 | C9H9Br  | 026146-77-0  | 50   |
| 4    |    |   | Benzene, (2-bromocyclopropyl)-      | 196 | C9H9Br  | 036617-02-4  | 49   |
| 5    |    |   | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10   | 1000191-13-7 | 49   |



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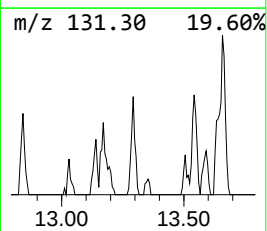
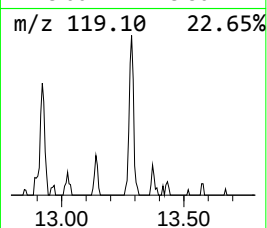
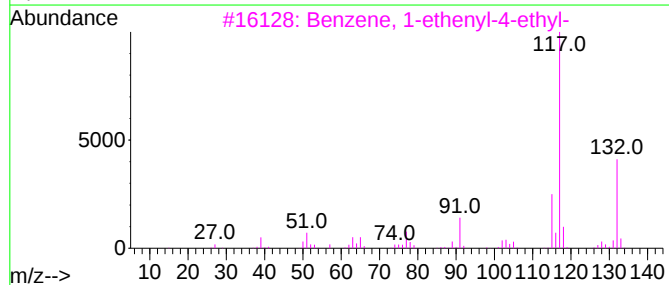
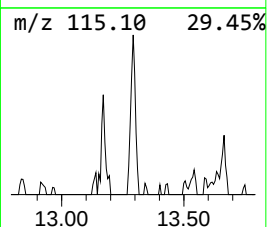
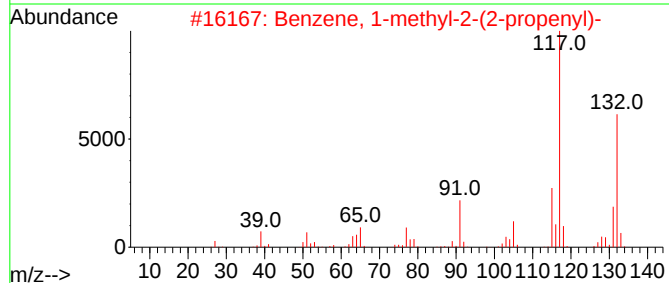
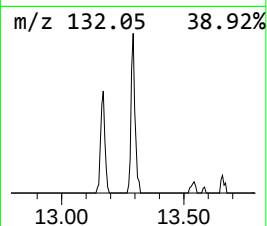
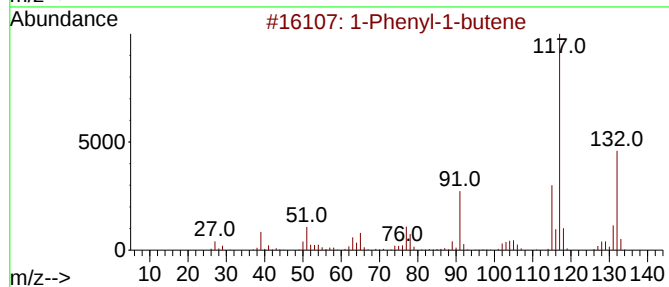
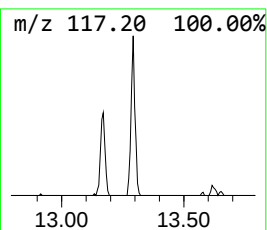
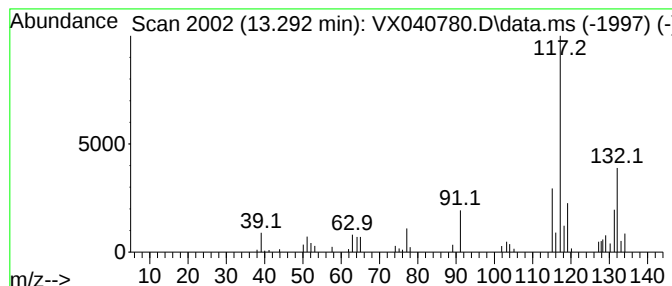
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 1-Phenyl-1-butene Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 13.292 | 3.02 ug/l | 24903 | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Phenyl-1-butene                 | 132 | C10H12  | 000824-90-8 | 76   |
| 2    |    |   | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12  | 001587-04-8 | 76   |
| 3    |    |   | Benzene, 1-ethenyl-4-ethyl-       | 132 | C10H12  | 003454-07-7 | 76   |
| 4    |    |   | 1H-Indene, 2,3-dihydro-5-methyl-  | 132 | C10H12  | 000874-35-1 | 76   |
| 5    |    |   | 3-Phenylbut-1-ene                 | 132 | C10H12  | 000934-10-1 | 74   |



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| TIC Top Hit name  | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|-------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                   |        |         |       |          | #                     | RT     | Resp   | Conc |
| Indane            | 12.244 | 4.4     | ug/l  | 36332    | 3                     | 10.055 | 247428 | 30.0 |
| 1-Phenyl-1-butene | 13.292 | 3.0     | ug/l  | 24903    | 3                     | 10.055 | 247428 | 30.0 |