

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121420\  
 Data File : VU041622.D  
 Acq On : 14 Dec 2020 19:49  
 Operator : SY/MD  
 Sample : L5027-20  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GB1J9

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.1  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % 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\_U\METHOD\SOMUTR121220WMA.M  
 Title : TRACE VOA SOM01.0

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         | 1.478       | 35            | 43          | 52           | rBV      | 117478         | 112299        | 20.68%          | 2.853%        |
| 2         | 1.604       | 75            | 82          | 94           | rVB      | 43691          | 46638         | 8.59%           | 1.185%        |
| 3         | 1.922       | 171           | 181         | 193          | rBV      | 41392          | 52482         | 9.67%           | 1.333%        |
| 4         | 2.581       | 374           | 386         | 401          | rBV      | 85618          | 138319        | 25.47%          | 3.514%        |
| 5         | 4.661       | 1013          | 1033        | 1073         | rBV2     | 54309          | 242892        | 44.73%          | 6.171%        |
| 6         | 5.079       | 1147          | 1163        | 1188         | rBV      | 81449          | 177021        | 32.60%          | 4.497%        |
| 7         | 5.738       | 1347          | 1368        | 1392         | rBV2     | 158159         | 416077        | 76.63%          | 10.570%       |
| 8         | 6.259       | 1515          | 1530        | 1548         | rBV      | 140991         | 265271        | 48.85%          | 6.739%        |
| 9         | 6.703       | 1654          | 1668        | 1688         | rBV2     | 98030          | 191481        | 35.26%          | 4.865%        |
| 10        | 7.571       | 1927          | 1938        | 1952         | rBV2     | 49791          | 86872         | 16.00%          | 2.207%        |
| 11        | 7.906       | 2028          | 2042        | 2058         | rBV      | 184216         | 320619        | 59.05%          | 8.145%        |
| 12        | 8.185       | 2118          | 2129        | 2142         | rBV      | 33597          | 54767         | 10.09%          | 1.391%        |
| 13        | 8.558       | 2232          | 2245        | 2258         | rBV      | 139147         | 233570        | 43.02%          | 5.934%        |
| 14        | 8.642       | 2258          | 2271        | 2296         | rBV      | 289029         | 542980        | 100.00%         | 13.794%       |
| 15        | 9.420       | 2500          | 2513        | 2544         | rBV      | 196344         | 323348        | 59.55%          | 8.215%        |
| 16        | 10.754      | 2917          | 2928        | 2942         | rBV      | 96496          | 153871        | 28.34%          | 3.909%        |
| 17        | 11.806      | 3243          | 3255        | 3270         | rBV      | 177695         | 282658        | 52.06%          | 7.181%        |
| 18        | 12.188      | 3361          | 3374        | 3389         | rVB      | 185944         | 295126        | 54.35%          | 7.498%        |

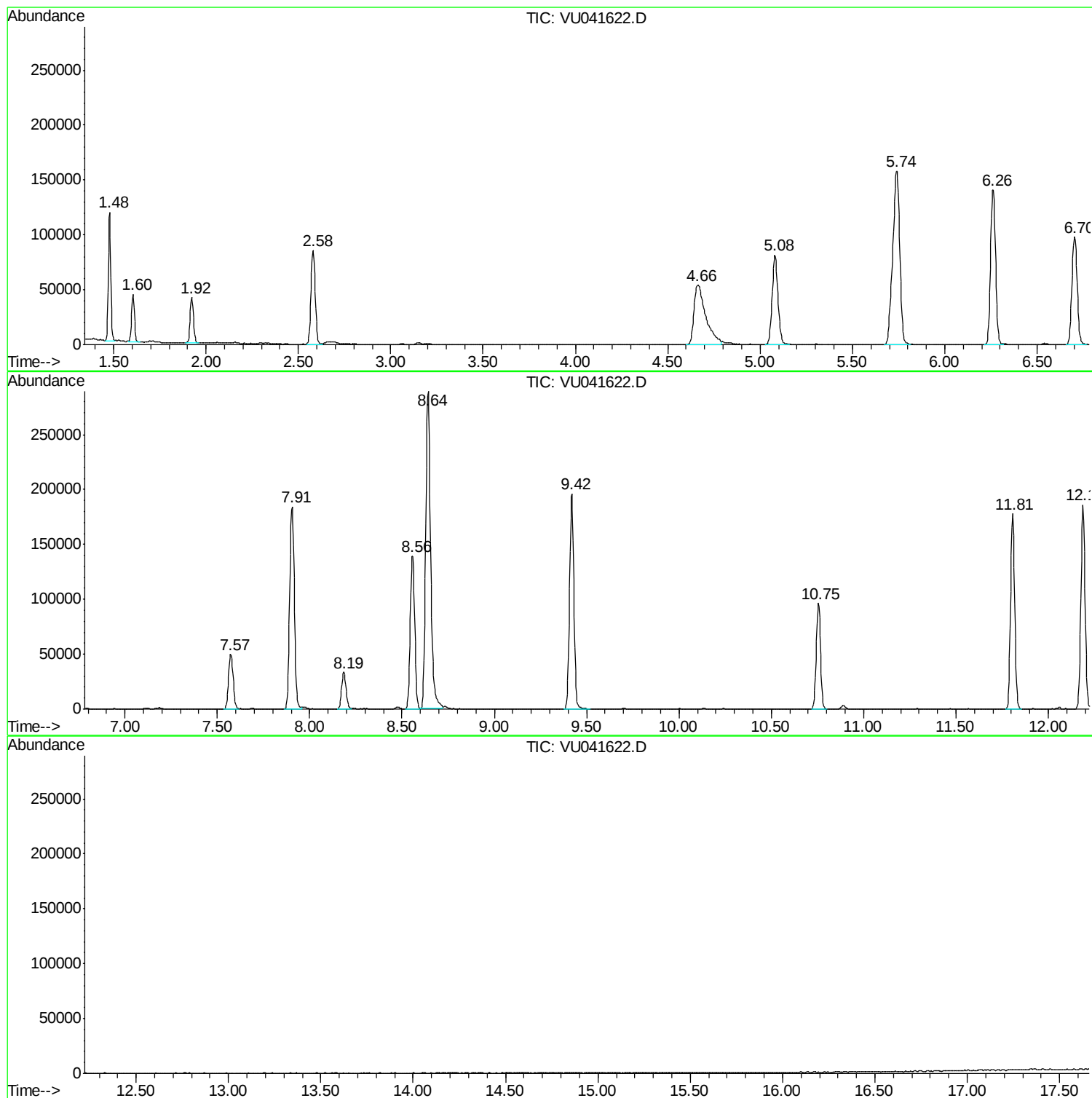
Sum of corrected areas: 3936291

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ClientSampleId :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121220WMA.M  
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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ClientSampleId :  
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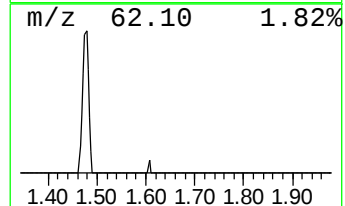
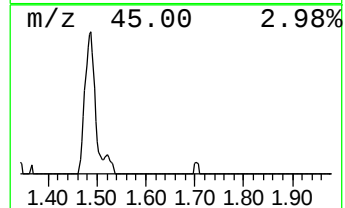
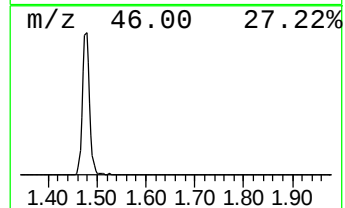
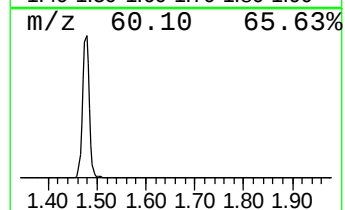
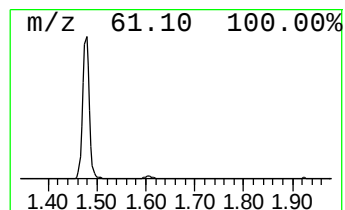
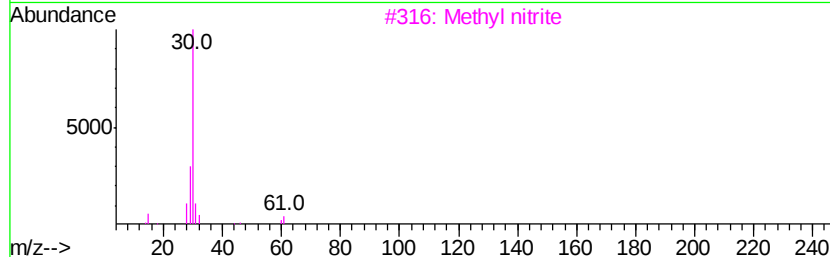
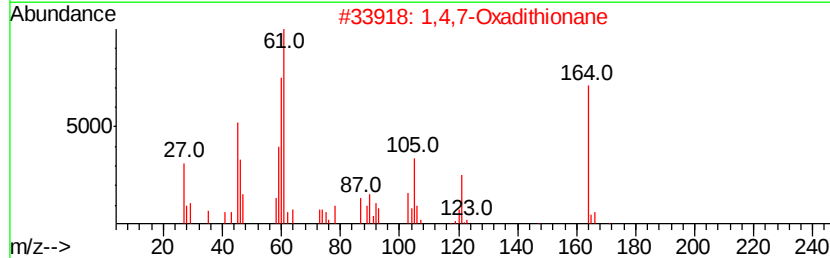
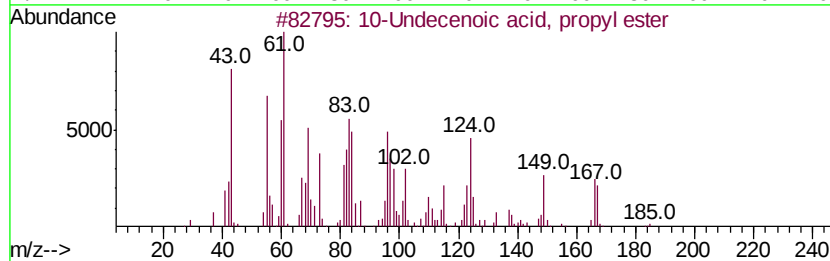
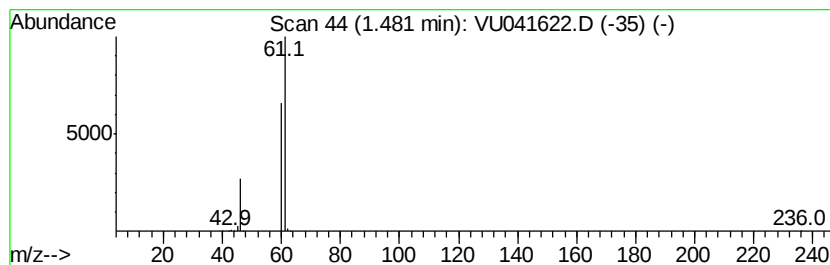
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121220WMA.M  
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown-01 Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 1.48 | 2.12 ug/L | 112299 | 1,4-Difluorobenzene | 6.26 |

| Hit# | of | Tentative ID                     | MW  | MolForm  | CAS#         | Qual |
|------|----|----------------------------------|-----|----------|--------------|------|
| 1    | 5  | 10-Undecenoic acid, propyl ester | 226 | C14H26O2 | 094230-80-5  | 9    |
| 2    |    | 1,4,7-Oxadithionane              | 164 | C6H12OS2 | 040474-73-5  | 9    |
| 3    |    | Methyl nitrite                   | 61  | CH3NO2   | 000624-91-9  | 5    |
| 4    |    | o-Ethylhydroxylamine             | 61  | C2H7NO   | 1000322-42-5 | 4    |
| 5    |    | Cyanogen chloride                | 61  | CClN     | 000506-77-4  | 4    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown-01       | 1.48 | 2.1     | ug/L  | 112299   | 1                     | 6.26 | 265271 | 5.0  |