

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU103020\  
 Data File : VU041025.D  
 Acq On : 29 Oct 2020 19:50  
 Operator : SY/MD  
 Sample : L4558-07  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0BQ0

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\SOMUTR102620WMA.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       | 36            | 43          | 55           | rVB      | 35880          | 34770         | 11.76%          | 1.970%        |
| 2         | 1.607       | 74            | 83          | 94           | rVB      | 22604          | 25744         | 8.71%           | 1.459%        |
| 3         | 1.922       | 174           | 181         | 192          | rVB      | 19964          | 24708         | 8.36%           | 1.400%        |
| 4         | 2.581       | 372           | 386         | 402          | rBV      | 37300          | 60597         | 20.50%          | 3.434%        |
| 5         | 3.205       | 566           | 580         | 595          | rVB2     | 5500           | 12334         | 4.17%           | 0.699%        |
| 6         | 4.665       | 1016          | 1034        | 1079         | rBV3     | 35794          | 154743        | 52.35%          | 8.769%        |
| 7         | 5.083       | 1149          | 1164        | 1180         | rBV      | 37778          | 81382         | 27.53%          | 4.612%        |
| 8         | 5.739       | 1347          | 1368        | 1385         | rBV2     | 69675          | 184912        | 62.56%          | 10.479%       |
| 9         | 6.263       | 1518          | 1531        | 1549         | rBV      | 67495          | 123621        | 41.82%          | 7.005%        |
| 10        | 6.703       | 1655          | 1668        | 1684         | rVB2     | 49164          | 93583         | 31.66%          | 5.303%        |
| 11        | 7.575       | 1927          | 1939        | 1953         | rBV      | 22419          | 39029         | 13.20%          | 2.212%        |
| 12        | 7.906       | 2030          | 2042        | 2061         | rVB      | 72041          | 123063        | 41.64%          | 6.974%        |
| 13        | 8.186       | 2119          | 2129        | 2143         | rBV      | 15027          | 24244         | 8.20%           | 1.374%        |
| 14        | 8.642       | 2257          | 2271        | 2306         | rBV      | 158387         | 295573        | 100.00%         | 16.750%       |
| 15        | 9.420       | 2500          | 2513        | 2528         | rBV      | 100947         | 163588        | 55.35%          | 9.270%        |
| 16        | 10.755      | 2917          | 2928        | 2945         | rVB2     | 41260          | 65736         | 22.24%          | 3.725%        |
| 17        | 11.806      | 3245          | 3255        | 3269         | rBV      | 85742          | 134888        | 45.64%          | 7.644%        |
| 18        | 12.189      | 3362          | 3374        | 3387         | rBV      | 77166          | 122115        | 41.31%          | 6.920%        |

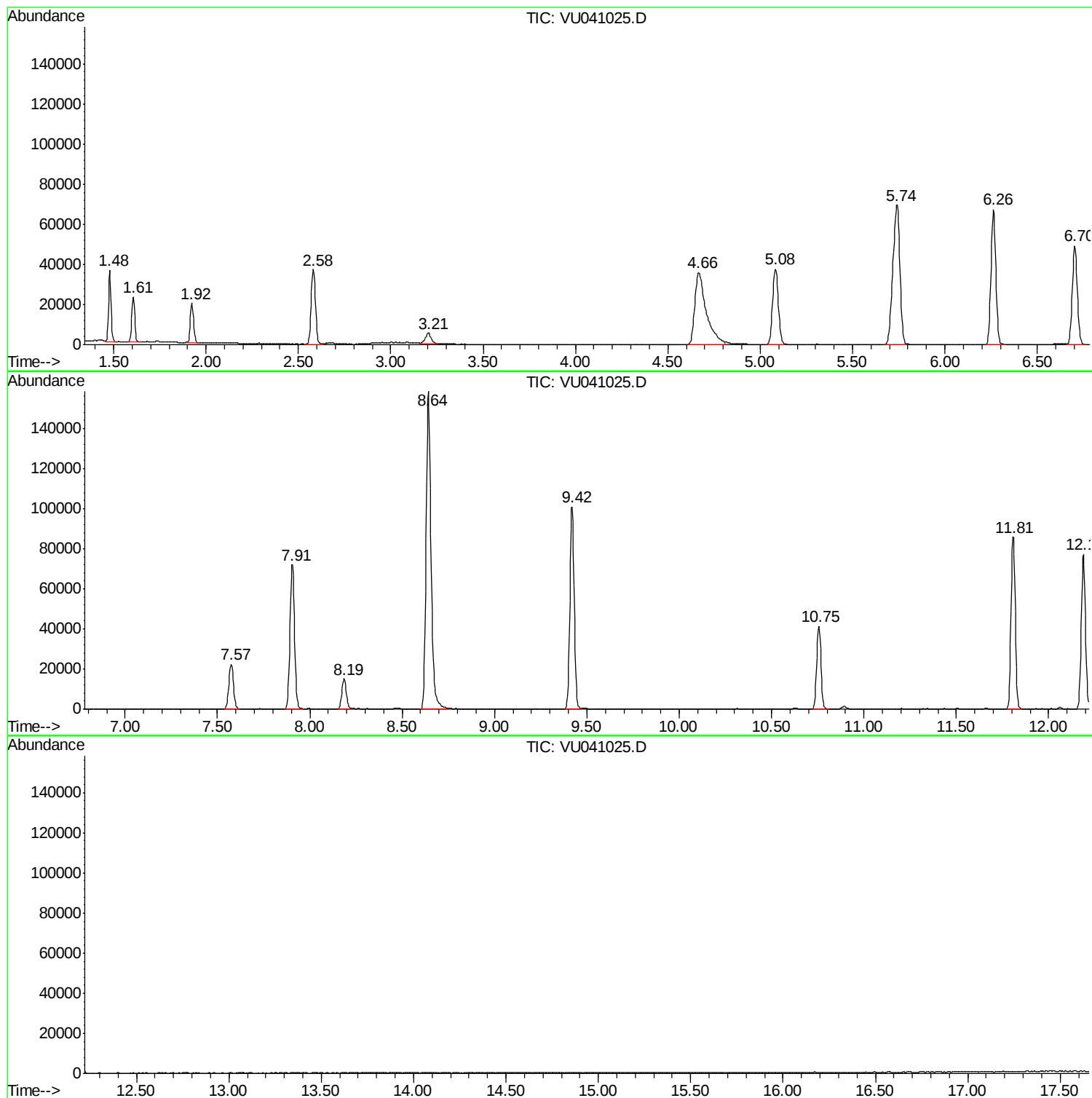
Sum of corrected areas: 1764630

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102620WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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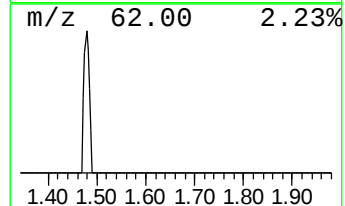
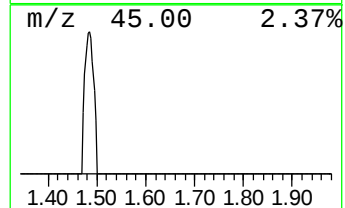
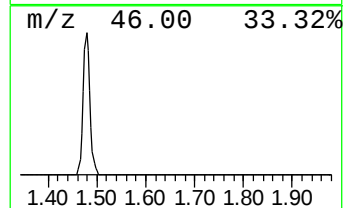
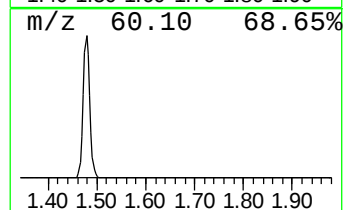
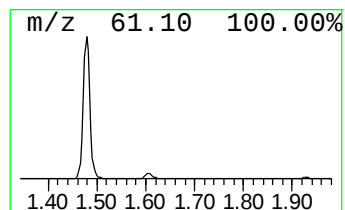
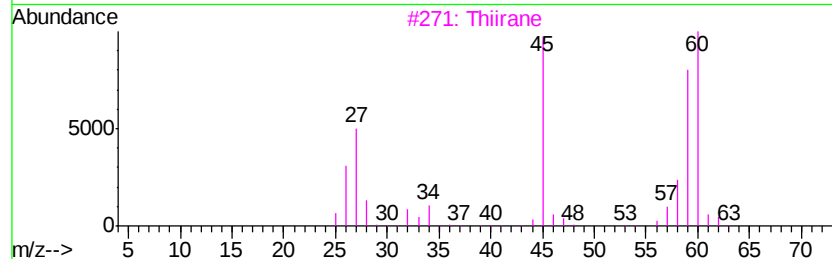
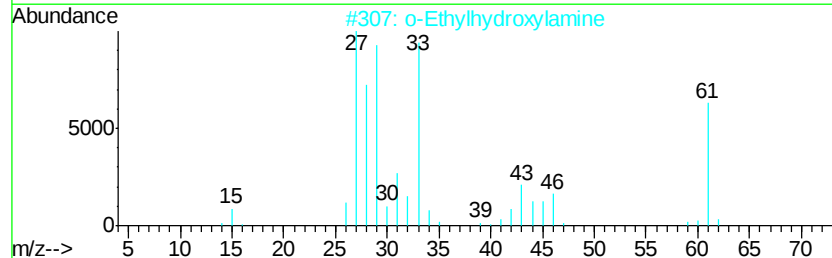
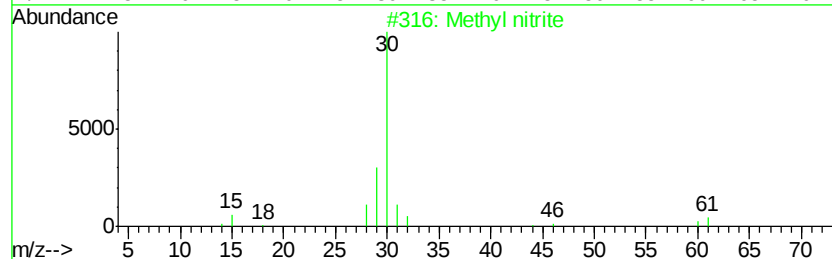
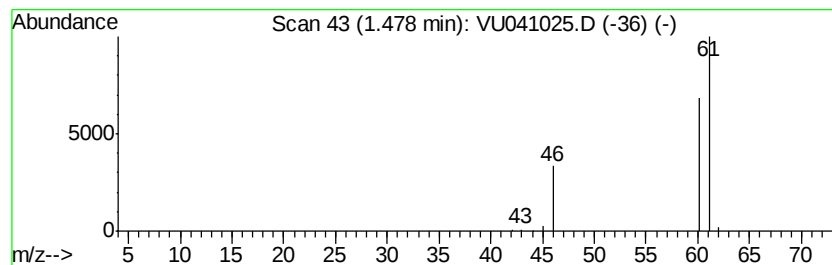
Instrument :  
MSVOA\_U  
ClientSampleId :  
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102620WMA.M  
Quant Title : TRACE VOA SOM01.0

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

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Peak Number 1 unknown-01 Concentration Rank 2

| R.T.      | EstConc              | Area  | Relative to ISTD    | R.T.         |      |
|-----------|----------------------|-------|---------------------|--------------|------|
| 1.48      | 1.41 ug/L            | 34770 | 1,4-Difluorobenzene | 6.26         |      |
| Hit# of 5 | Tentative ID         | MW    | MolForm             | CAS#         | Qual |
| 1         | Methyl nitrite       | 61    | CH3NO2              | 000624-91-9  | 5    |
| 2         | o-Ethylhydroxylamine | 61    | C2H7NO              | 1000322-42-5 | 4    |
| 3         | Thiirane             | 60    | C2H4S               | 000420-12-2  | 4    |
| 4         | Carbonyl sulfide     | 60    | COS                 | 000463-58-1  | 4    |
| 5         | Trifluoroguanidine   | 113   | CH2F3N3             | 037950-72-4  | 4    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown-01       | 1.48 | 1.4     | ug/L  | 34770    | 1                     | 6.26 | 123621 | 5.0  |