

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101620\  
 Data File : VU040762.D  
 Acq On : 16 Oct 2020 21:19  
 Operator : SY/MD  
 Sample : L4423-01  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFSF7

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\SOMUTR100820WMA.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         | 1.527       | 51            | 58          | 66           | rBV      | 25690          | 29901         | 4.66%           | 0.725%        |
| 2         | 1.604       | 76            | 82          | 94           | rBV      | 52097          | 58145         | 9.07%           | 1.409%        |
| 3         | 1.922       | 173           | 181         | 196          | rVB      | 49161          | 67206         | 10.48%          | 1.628%        |
| 4         | 2.469       | 340           | 351         | 364          | rVB      | 26044          | 41737         | 6.51%           | 1.011%        |
| 5         | 2.581       | 374           | 386         | 399          | rBV      | 89967          | 149556        | 23.33%          | 3.624%        |
| 6         | 3.208       | 569           | 581         | 594          | rVB4     | 3093           | 7406          | 1.16%           | 0.179%        |
| 7         | 4.668       | 1016          | 1035        | 1084         | rBV2     | 62052          | 280755        | 43.80%          | 6.803%        |
| 8         | 5.083       | 1147          | 1164        | 1184         | rBV      | 92364          | 205730        | 32.09%          | 4.985%        |
| 9         | 5.742       | 1348          | 1369        | 1394         | rBV2     | 173670         | 456967        | 71.29%          | 11.072%       |
| 10        | 6.179       | 1493          | 1505        | 1517         | rBV2     | 3168           | 7112          | 1.11%           | 0.172%        |
| 11        | 6.263       | 1517          | 1531        | 1559         | rVB2     | 155056         | 293000        | 45.71%          | 7.099%        |
| 12        | 6.703       | 1653          | 1668        | 1689         | rVB      | 119799         | 230997        | 36.04%          | 5.597%        |
| 13        | 7.176       | 1804          | 1815        | 1831         | rBV5     | 8110           | 17856         | 2.79%           | 0.433%        |
| 14        | 7.575       | 1927          | 1939        | 1958         | rBV      | 52150          | 90875         | 14.18%          | 2.202%        |
| 15        | 7.723       | 1977          | 1985        | 1999         | rVB5     | 3807           | 6896          | 1.08%           | 0.167%        |
| 16        | 7.906       | 2028          | 2042        | 2060         | rBV      | 177663         | 306434        | 47.80%          | 7.425%        |
| 17        | 8.186       | 2118          | 2129        | 2144         | rBV      | 34747          | 58596         | 9.14%           | 1.420%        |
| 18        | 8.642       | 2257          | 2271        | 2302         | rBV      | 324695         | 641031        | 100.00%         | 15.532%       |
| 19        | 9.420       | 2499          | 2513        | 2540         | rBV      | 235589         | 395481        | 61.69%          | 9.583%        |
| 20        | 10.755      | 2916          | 2928        | 2945         | rBV      | 99510          | 161859        | 25.25%          | 3.922%        |
| 21        | 11.809      | 3243          | 3256        | 3271         | rVB      | 192301         | 312008        | 48.67%          | 7.560%        |
| 22        | 12.189      | 3360          | 3374        | 3390         | rBV      | 187691         | 307534        | 47.97%          | 7.452%        |

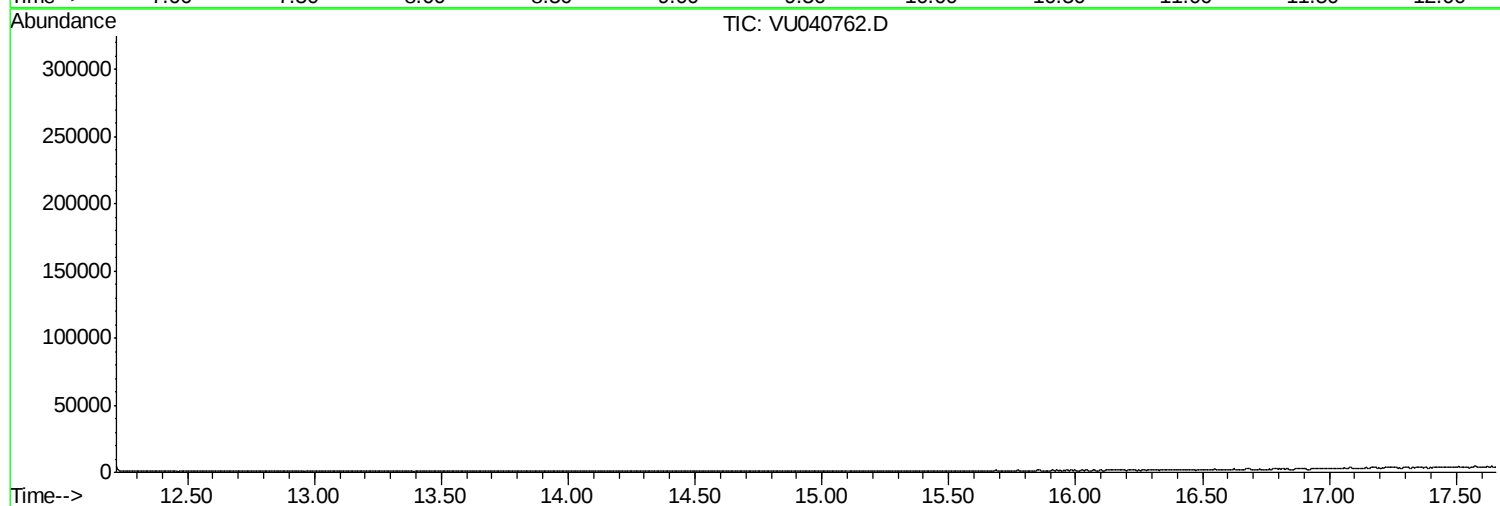
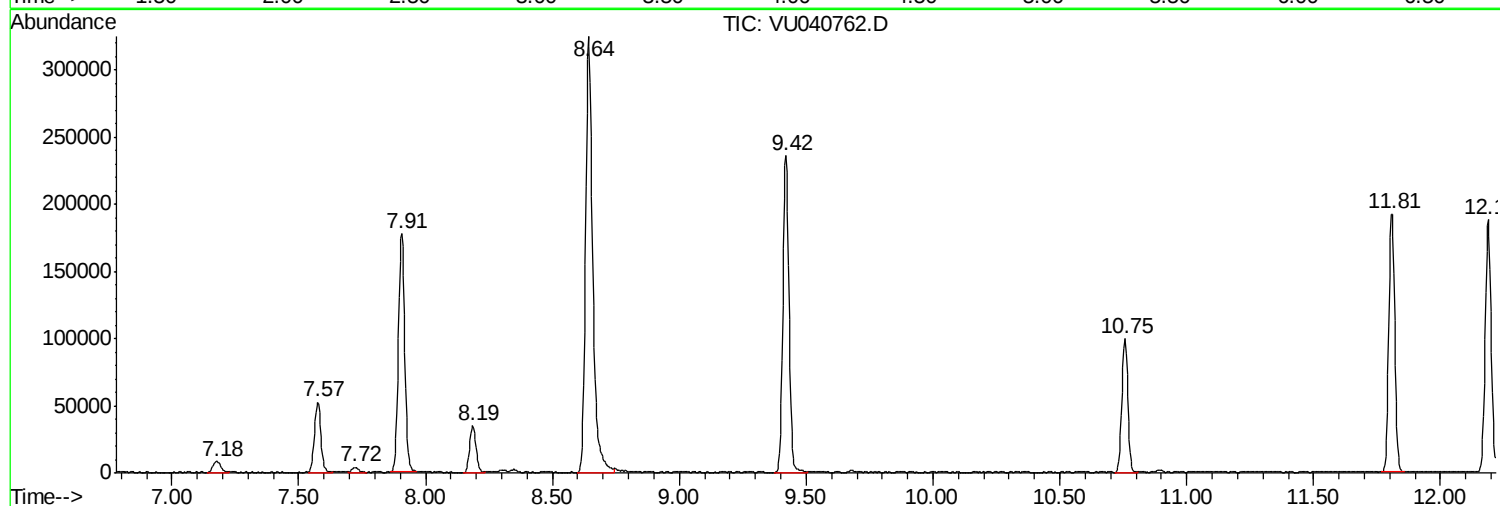
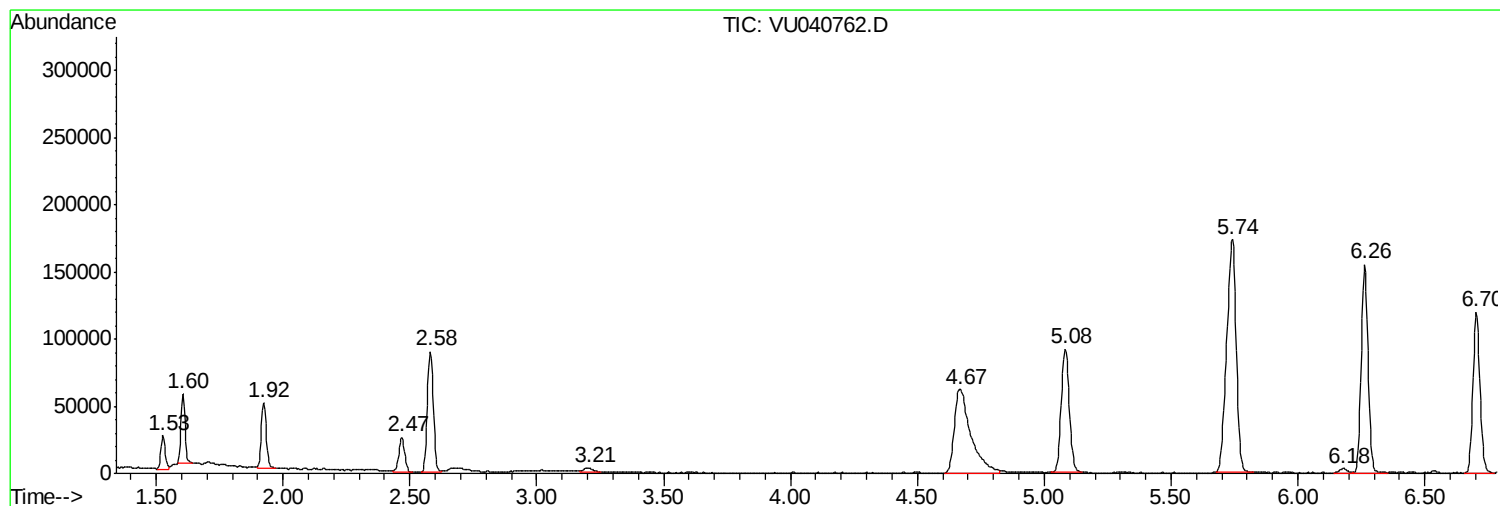
Sum of corrected areas: 4127082

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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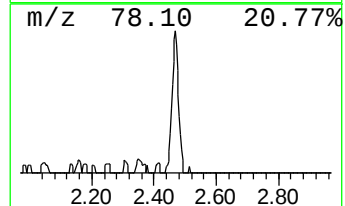
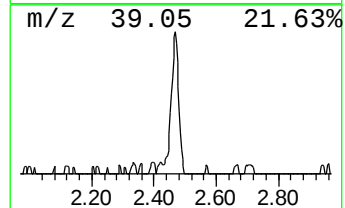
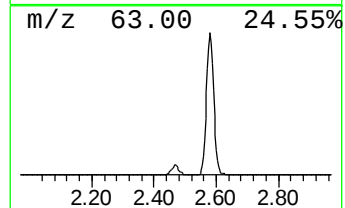
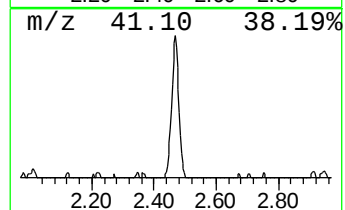
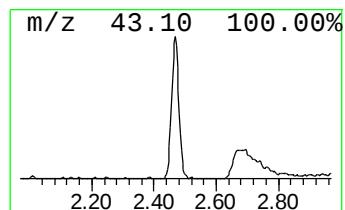
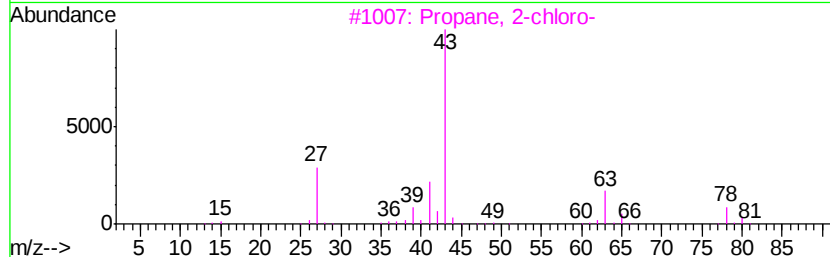
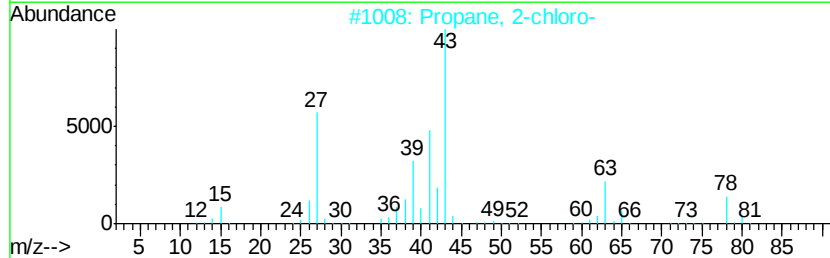
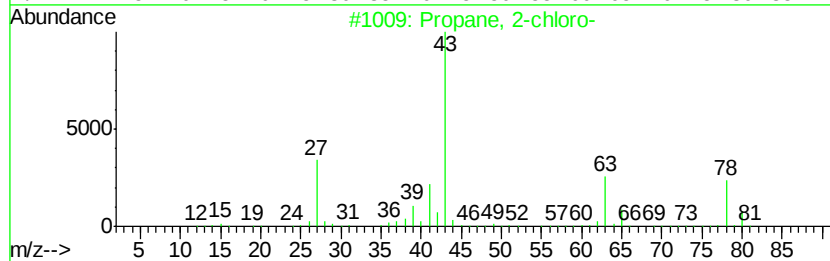
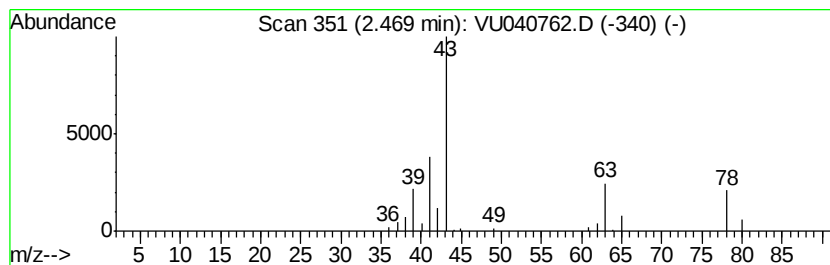
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
Quant Title : TRACE VOA SOM01.0

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

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Peak Number 1 Propane, 2-chloro- Concentration Rank 2

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 2.47 | 0.71 ug/L | 41737 | 1,4-Difluorobenzene | 6.26 |

| Hit# | of | Tentative ID       | MW | MolForm | CAS#        | Qual |
|------|----|--------------------|----|---------|-------------|------|
| 1    | 5  | Propane, 2-chloro- | 78 | C3H7Cl  | 000075-29-6 | 90   |
| 2    |    | Propane, 2-chloro- | 78 | C3H7Cl  | 000075-29-6 | 45   |
| 3    |    | Propane, 2-chloro- | 78 | C3H7Cl  | 000075-29-6 | 38   |
| 4    |    | 2-Chloroethanol    | 80 | C2H5ClO | 000107-07-3 | 4    |
| 5    |    | Propane, 2-nitro-  | 89 | C3H7NO2 | 000079-46-9 | 4    |



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| TIC Top Hit name   | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|--------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                    |      |         |       |          | #                     | RT   | Resp   | Conc |
| Propane, 2-chloro- | 2.47 | 0.7     | ug/L  | 41737    | 1                     | 6.26 | 293000 | 5.0  |