

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\  
 Data File : VU040801.D  
 Acq On : 19 Oct 2020 13:46  
 Operator : SY/MD  
 Sample : L4419-06  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AH3

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         | 1.559       | 52            | 68          | 71           | rBV3     | 9200           | 23935         | 3.57%           | 0.566%        |
| 2         | 1.604       | 72            | 82          | 94           | rVB2     | 56305          | 86782         | 12.94%          | 2.052%        |
| 3         | 1.922       | 174           | 181         | 194          | rVB      | 48391          | 63394         | 9.46%           | 1.499%        |
| 4         | 2.581       | 370           | 386         | 398          | rBV      | 87156          | 144983        | 21.62%          | 3.428%        |
| 5         | 2.671       | 403           | 414         | 421          | rBV3     | 4522           | 9767          | 1.46%           | 0.231%        |
| 6         | 4.459       | 954           | 970         | 994          | rVB2     | 19172          | 49079         | 7.32%           | 1.160%        |
| 7         | 4.662       | 1015          | 1033        | 1079         | rBV2     | 74811          | 316144        | 47.15%          | 7.475%        |
| 8         | 5.083       | 1147          | 1164        | 1184         | rBV      | 95073          | 211236        | 31.51%          | 4.994%        |
| 9         | 5.742       | 1345          | 1369        | 1397         | rBV2     | 169908         | 455396        | 67.92%          | 10.767%       |
| 10        | 6.263       | 1516          | 1531        | 1547         | rBV      | 158582         | 298786        | 44.56%          | 7.064%        |
| 11        | 6.703       | 1652          | 1668        | 1688         | rBV      | 117426         | 228839        | 34.13%          | 5.410%        |
| 12        | 7.141       | 1783          | 1804        | 1816         | rBV4     | 12579          | 29151         | 4.35%           | 0.689%        |
| 13        | 7.575       | 1925          | 1939        | 1958         | rBV      | 53557          | 94859         | 14.15%          | 2.243%        |
| 14        | 7.906       | 2028          | 2042        | 2056         | rBV      | 171058         | 295013        | 44.00%          | 6.975%        |
| 15        | 8.186       | 2115          | 2129        | 2144         | rBV2     | 35805          | 61382         | 9.16%           | 1.451%        |
| 16        | 8.642       | 2257          | 2271        | 2312         | rBV      | 340442         | 670475        | 100.00%         | 15.852%       |
| 17        | 9.420       | 2500          | 2513        | 2531         | rBV      | 236199         | 391884        | 58.45%          | 9.265%        |
| 18        | 10.755      | 2915          | 2928        | 2943         | rVB      | 100755         | 162881        | 24.29%          | 3.851%        |
| 19        | 11.806      | 3244          | 3255        | 3272         | rVB      | 202638         | 328203        | 48.95%          | 7.760%        |
| 20        | 12.189      | 3361          | 3374        | 3391         | rBV      | 190090         | 307393        | 45.85%          | 7.268%        |

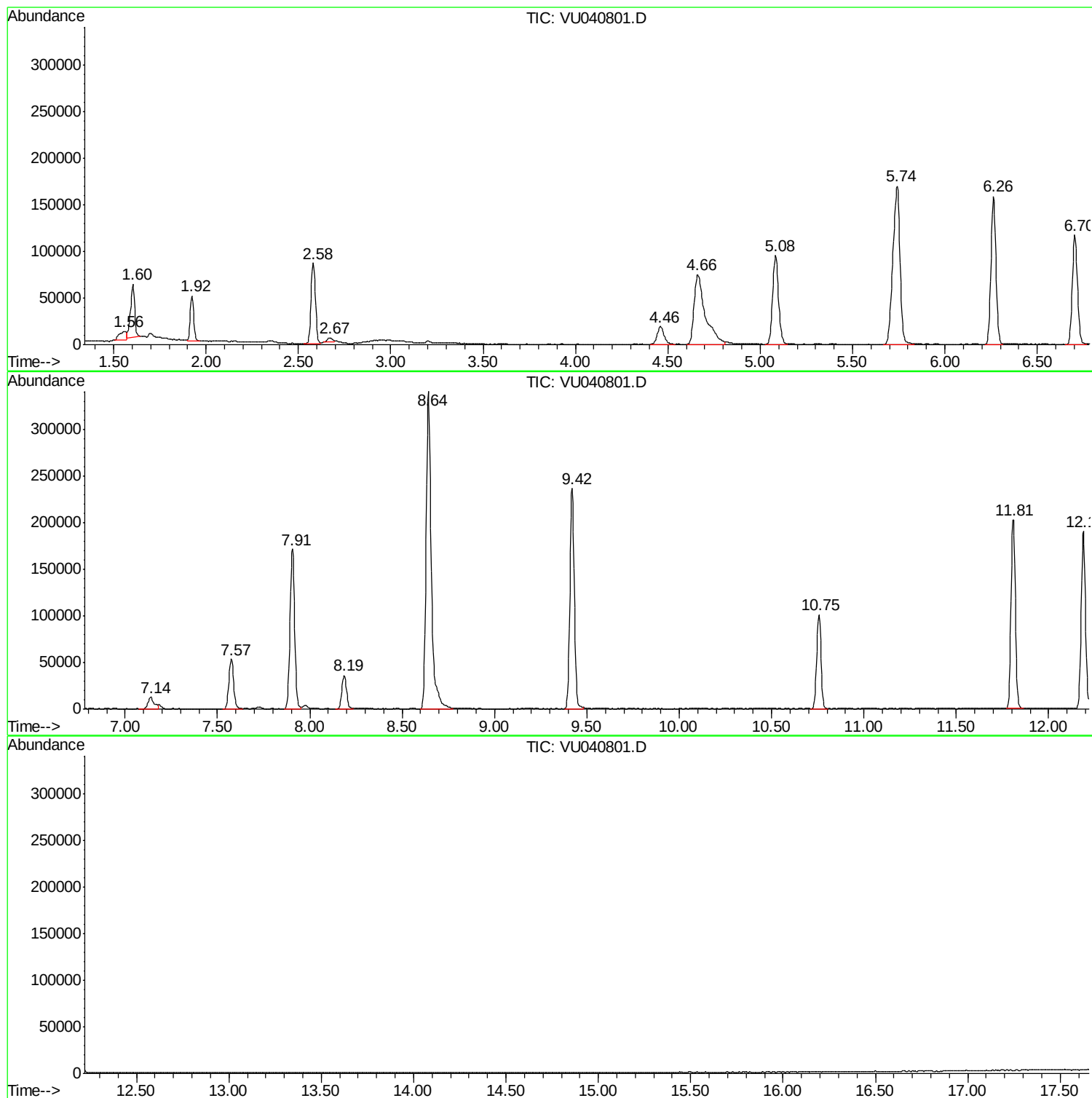
Sum of corrected areas: 4229582

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101920\  
Data File : VU040801.D  
Acq On : 19 Oct 2020 13:46  
Operator : SY/MD  
Sample : L4419-06  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0AH3

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101920\  
Data File : VU040801.D  
Acq On : 19 Oct 2020 13:46  
Operator : SY/MD  
Sample : L4419-06  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0AH3

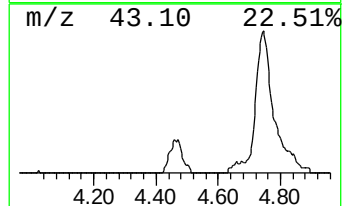
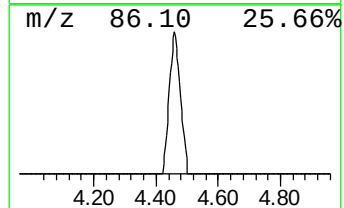
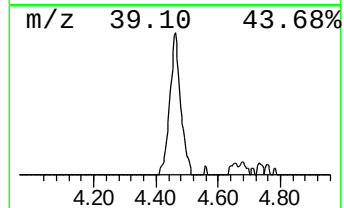
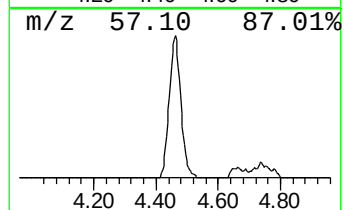
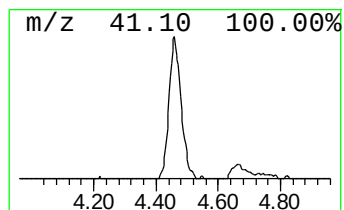
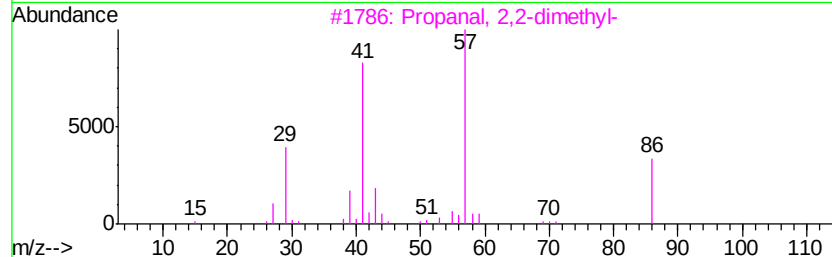
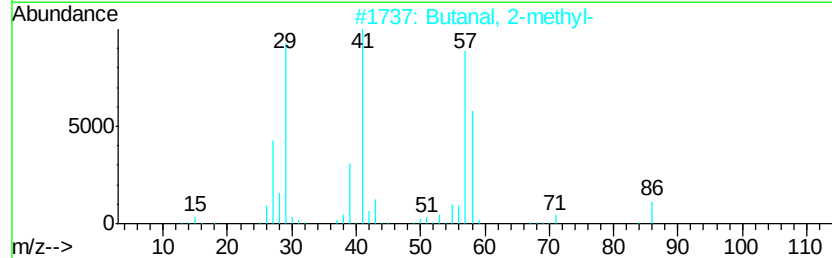
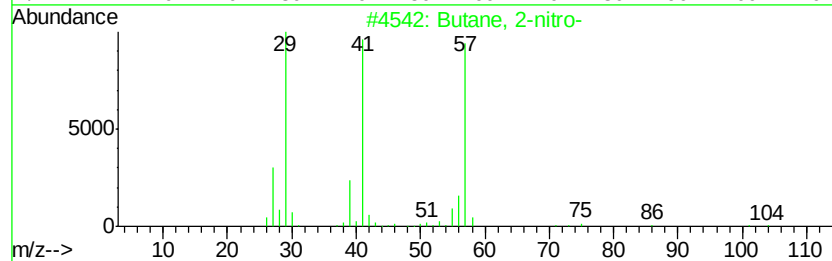
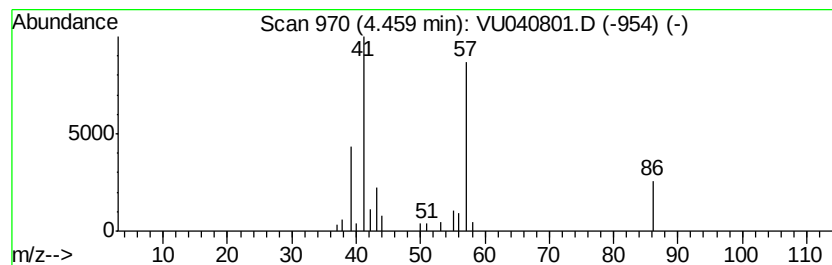
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
Quant Title : TRACE VOA SOM01.0

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

\*\*\*\*\*  
Peak Number 1 unknown-01 Concentration Rank 2

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 4.46 | 0.82 ug/L | 49079 | 1,4-Difluorobenzene | 6.26 |

| Hit# | of | Tentative ID                    | MW  | MolForm  | CAS#         | Qual |
|------|----|---------------------------------|-----|----------|--------------|------|
| 1    | 5  | Butane, 2-nitro-                | 103 | C4H9NO2  | 000600-24-8  | 32   |
| 2    |    | Butanal, 2-methyl-              | 86  | C5H10O   | 000096-17-3  | 32   |
| 3    |    | Propanal, 2,2-dimethyl-         | 86  | C5H10O   | 000630-19-3  | 25   |
| 4    |    | Oxalic acid, allyl heptyl ester | 228 | C12H20O4 | 1000309-23-5 | 17   |
| 5    |    | Propane, 2-methyl-2-nitro-      | 103 | C4H9NO2  | 000594-70-7  | 16   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU101920\  
Data File : VU040801.D  
Acq On : 19 Oct 2020 13:46  
Operator : SY/MD  
Sample : L4419-06  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0AH3

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

| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown-01       | 4.46 | 0.8     | ug/L  | 49079    | 1                     | 6.26 | 298786 | 5.0  |