

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041819\  
 Data File : VU031277.D  
 Acq On : 17 Apr 2019 23:55  
 Operator : JC/SP  
 Sample : K2410-06  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0X40

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\SOMUTR041819WMA.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         | 1.180       | 22            | 28          | 36           | rBV      | 22422          | 23594         | 2.05%           | 0.303%        |
| 2         | 1.395       | 88            | 95          | 107          | rVB      | 177295         | 193132        | 16.75%          | 2.479%        |
| 3         | 1.678       | 176           | 183         | 195          | rBV      | 138655         | 170331        | 14.77%          | 2.187%        |
| 4         | 2.267       | 356           | 366         | 378          | rBV      | 296326         | 449011        | 38.94%          | 5.764%        |
| 5         | 2.833       | 537           | 542         | 554          | rVB2     | 11721          | 21365         | 1.85%           | 0.274%        |
| 6         | 4.215       | 954           | 972         | 1010         | rBV2     | 123494         | 467662        | 40.55%          | 6.004%        |
| 7         | 4.643       | 1089          | 1105        | 1125         | rBV2     | 158144         | 365778        | 31.72%          | 4.696%        |
| 8         | 5.334       | 1297          | 1320        | 1345         | rBV3     | 327623         | 925453        | 80.25%          | 11.881%       |
| 9         | 5.884       | 1477          | 1491        | 1520         | rBV      | 263920         | 558212        | 48.41%          | 7.166%        |
| 10        | 6.328       | 1615          | 1629        | 1649         | rBV2     | 208455         | 433160        | 37.56%          | 5.561%        |
| 11        | 7.228       | 1897          | 1909        | 1945         | rBV      | 87211          | 172935        | 15.00%          | 2.220%        |
| 12        | 7.562       | 2000          | 2013        | 2032         | rBV      | 385296         | 705718        | 61.20%          | 9.060%        |
| 13        | 7.852       | 2093          | 2103        | 2122         | rBV2     | 51977          | 98625         | 8.55%           | 1.266%        |
| 14        | 8.318       | 2233          | 2248        | 2281         | rBV      | 572627         | 1153192       | 100.00%         | 14.804%       |
| 15        | 9.086       | 2475          | 2487        | 2519         | rBV      | 360136         | 646352        | 56.05%          | 8.298%        |
| 16        | 10.430      | 2893          | 2905        | 2921         | rBV      | 167816         | 278098        | 24.12%          | 3.570%        |
| 17        | 11.482      | 3219          | 3232        | 3254         | rBV      | 323517         | 540869        | 46.90%          | 6.943%        |
| 18        | 11.858      | 3336          | 3349        | 3373         | rBV      | 343210         | 586137        | 50.83%          | 7.525%        |

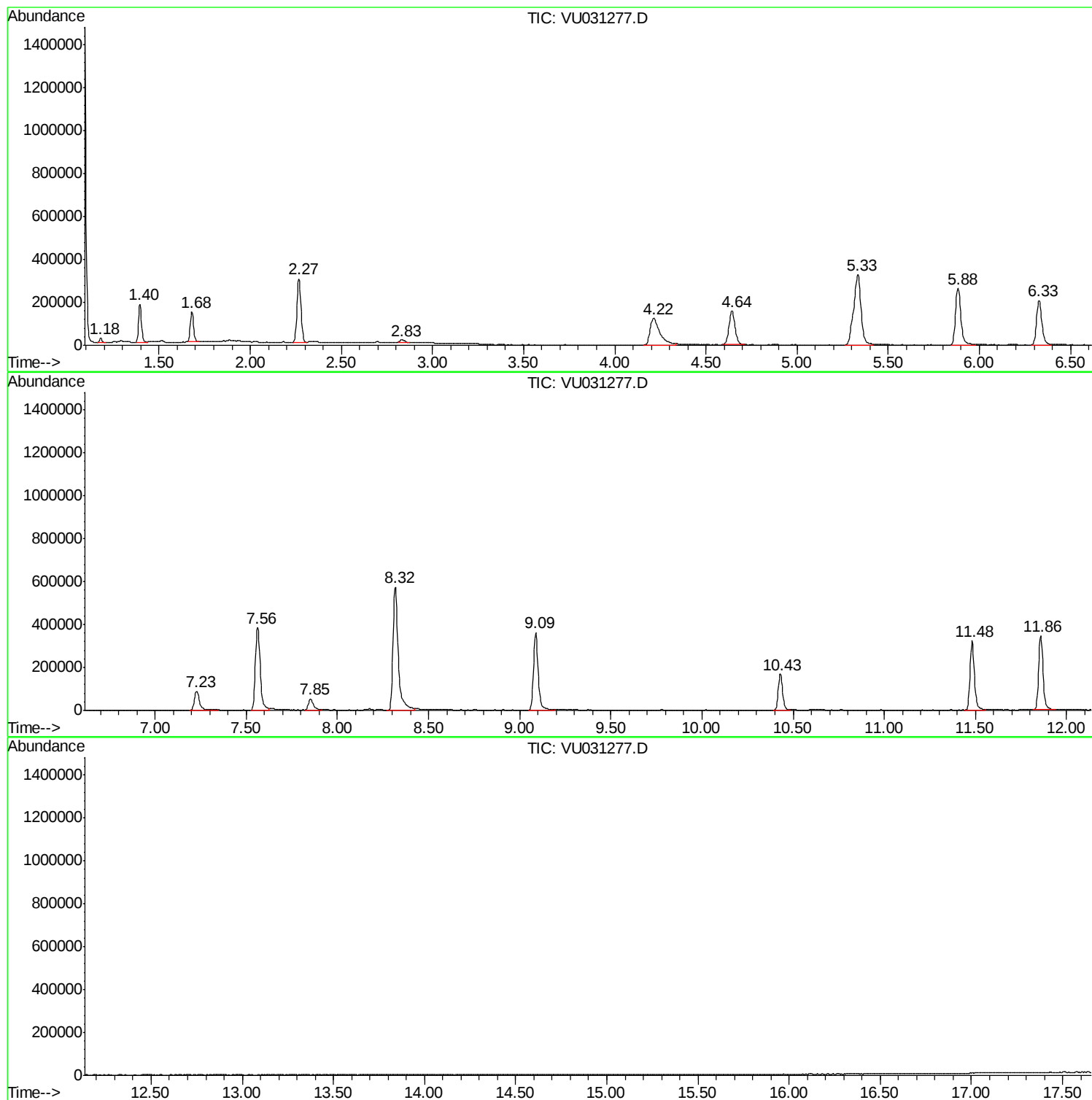
Sum of corrected areas: 7789624

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041819\  
Data File : VU031277.D  
Acq On : 17 Apr 2019 23:55  
Operator : JC/SP  
Sample : K2410-06  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0X40

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR041819WMA.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\VU041819\  
Data File : VU031277.D  
Acq On : 17 Apr 2019 23:55  
Operator : JC/SP  
Sample : K2410-06  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0X40

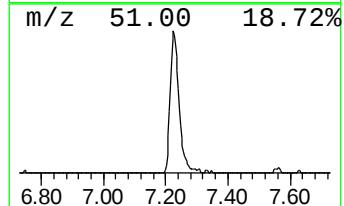
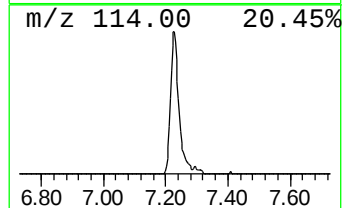
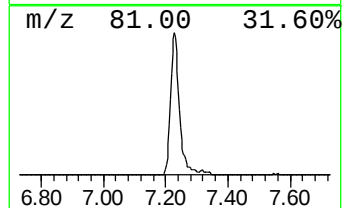
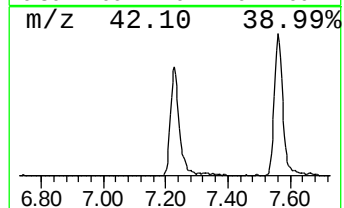
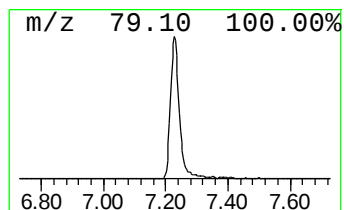
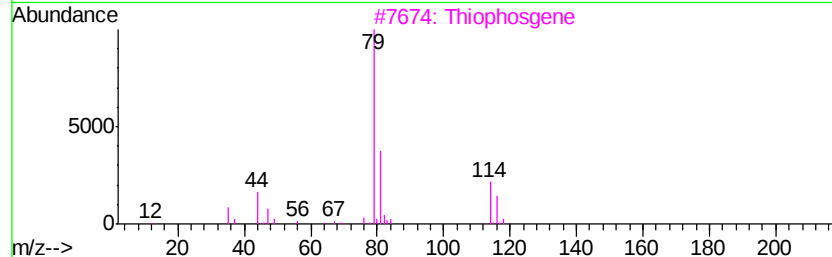
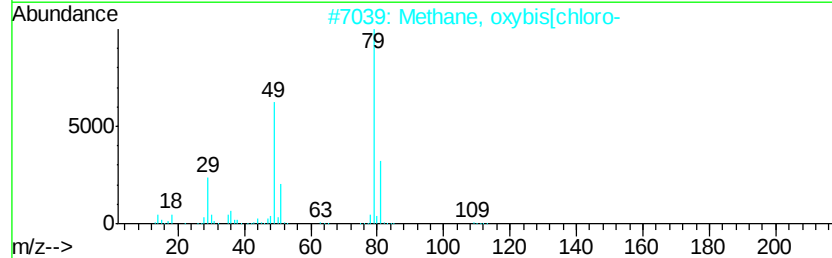
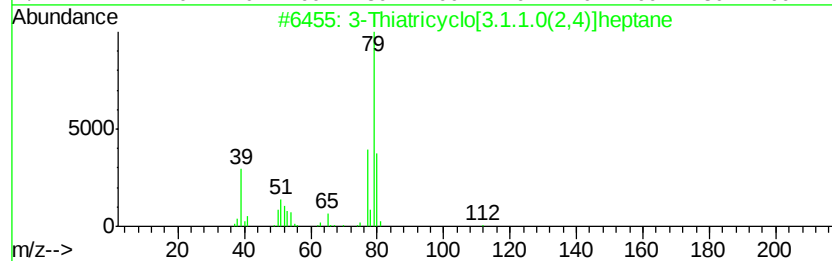
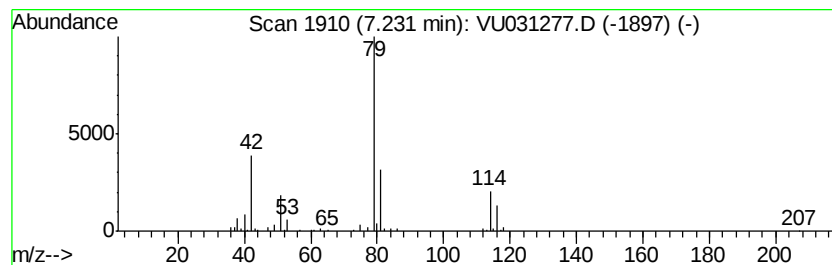
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR041819WMA.M  
Quant Title : TRACE VOA SOM01.0

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

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

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 7.23 | 1.55 ug/L | 172935 | 1,4-Difluorobenzene | 5.88 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 3-Thiatricvclo[3.1.1.0(2,4)]heptane | 112 | C6H8S    | 1000221-37-0 | 37   |
| 2    |    |   | Methane, oxybis[chloro-             | 114 | C2H4Cl2O | 000542-88-1  | 37   |
| 3    |    |   | Thiophosgene                        | 114 | CCl2S    | 000463-71-8  | 27   |
| 4    |    |   | Methane, oxybis[chloro-             | 114 | C2H4Cl2O | 000542-88-1  | 25   |
| 5    |    |   | 1,3-Cyclohexadiene                  | 80  | C6H8     | 000592-57-4  | 25   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU041819\  
Data File : VU031277.D  
Acq On : 17 Apr 2019 23:55  
Operator : JC/SP  
Sample : K2410-06  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0X40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR041819WMA.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       | 7.23 | 1.6     | ug/L  | 172935   | 1                     | 5.88 | 558212 | 5.0  |