

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012219\  
 Data File : VX007187.D  
 Acq On : 22 Jan 2019 17:42  
 Operator : JC/SP  
 Sample : K1214-10  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SA-TW525-4246

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 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\_X\METHOD\82X010819W.M  
 Title : SW846 8260

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         | 1.282       | 17            | 21          | 22           | rBV      | 24380          | 27815         | 1.15%           | 0.204%        |
| 2         | 1.300       | 22            | 24          | 29           | rVB2     | 30105          | 30220         | 1.25%           | 0.221%        |
| 3         | 1.398       | 36            | 40          | 49           | rBV2     | 114755         | 195475        | 8.05%           | 1.431%        |
| 4         | 1.623       | 68            | 77          | 82           | rVB3     | 30191          | 76289         | 3.14%           | 0.558%        |
| 5         | 1.788       | 99            | 104         | 110          | rBV      | 22608          | 36069         | 1.49%           | 0.264%        |
| 6         | 1.952       | 127           | 131         | 135          | rBV      | 34183          | 42101         | 1.73%           | 0.308%        |
| 7         | 2.001       | 135           | 139         | 150          | rVB3     | 31055          | 63377         | 2.61%           | 0.464%        |
| 8         | 3.410       | 363           | 370         | 376          | rBV6     | 12482          | 30277         | 1.25%           | 0.222%        |
| 9         | 3.519       | 384           | 388         | 397          | rVB6     | 10979          | 29858         | 1.23%           | 0.219%        |
| 10        | 5.501       | 702           | 713         | 725          | rBV      | 285166         | 812011        | 33.46%          | 5.943%        |
| 11        | 5.665       | 728           | 740         | 756          | rVV      | 480328         | 1363815       | 56.19%          | 9.982%        |
| 12        | 6.068       | 797           | 806         | 818          | rBV      | 297293         | 767002        | 31.60%          | 5.614%        |
| 13        | 6.860       | 927           | 936         | 953          | rBV      | 740825         | 1725655       | 71.10%          | 12.631%       |
| 14        | 8.713       | 1231          | 1240        | 1248         | rBV      | 1556218        | 2427111       | 100.00%         | 17.765%       |
| 15        | 8.780       | 1248          | 1251        | 1260         | rVB      | 19451          | 37553         | 1.55%           | 0.275%        |
| 16        | 10.110      | 1463          | 1469        | 1478         | rBV      | 1539519        | 2122247       | 87.44%          | 15.534%       |
| 17        | 11.134      | 1632          | 1637        | 1645         | rBV      | 1337341        | 1708465       | 70.39%          | 12.505%       |
| 18        | 12.079      | 1786          | 1792        | 1799         | rBV      | 1738782        | 2138451       | 88.11%          | 15.652%       |
| 19        | 12.914      | 1923          | 1929        | 1934         | rBV4     | 19196          | 28582         | 1.18%           | 0.209%        |

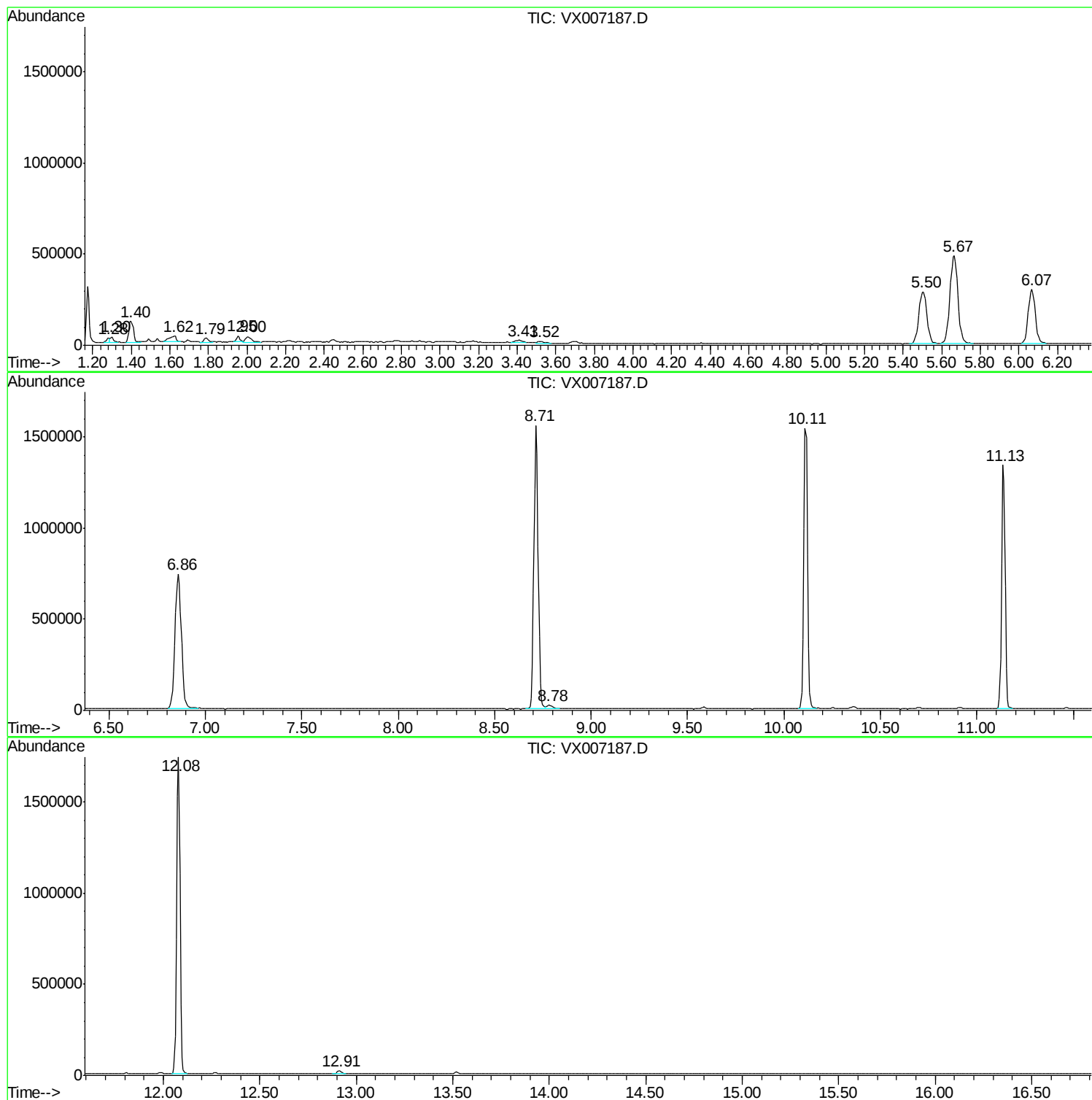
Sum of corrected areas: 13662373

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260

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



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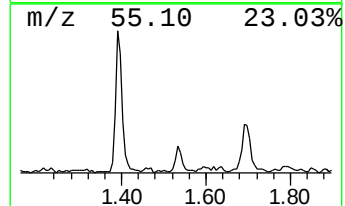
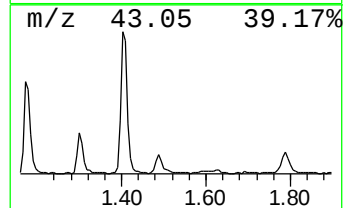
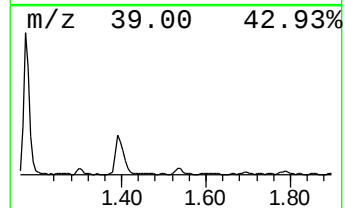
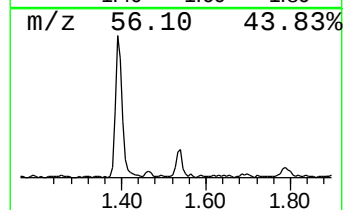
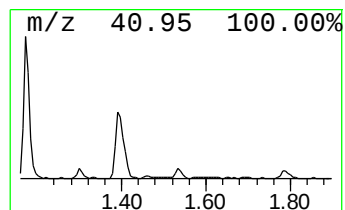
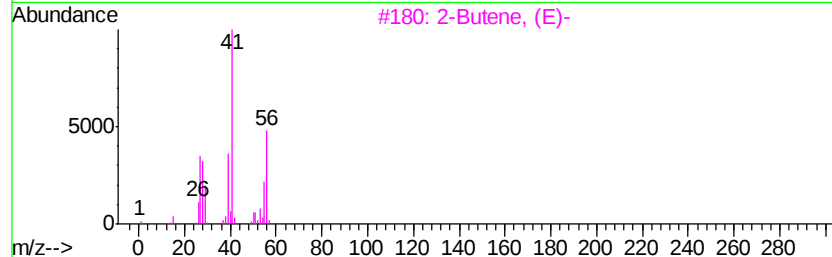
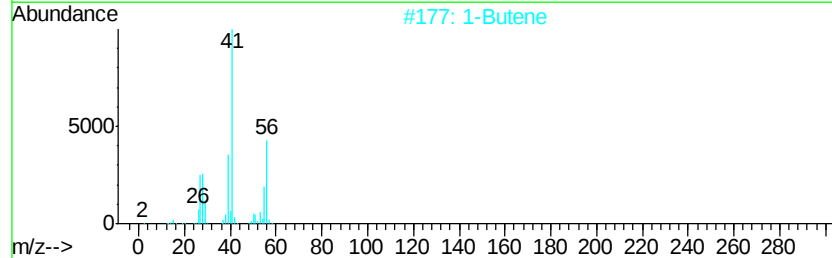
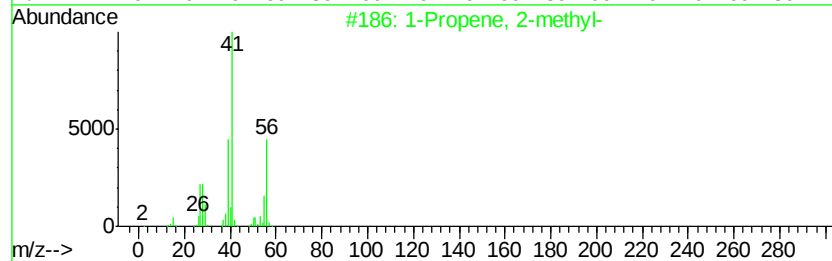
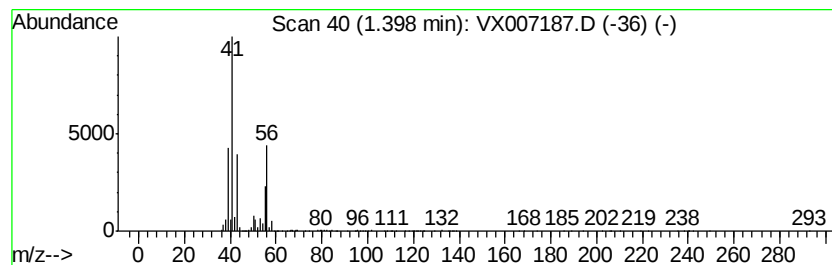
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 1-Propene, 2-methyl- Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD   | R.T. |
|------|-----------|--------|--------------------|------|
| 1.40 | 7.17 ug/l | 195475 | Pentafluorobenzene | 5.67 |

| Hit# | of | Tentative ID         | MW | MolForm | CAS#        | Qual |
|------|----|----------------------|----|---------|-------------|------|
| 1    | 5  | 1-Propene, 2-methyl- | 56 | C4H8    | 000115-11-7 | 90   |
| 2    |    | 1-Butene             | 56 | C4H8    | 000106-98-9 | 87   |
| 3    |    | 2-Butene, (E)-       | 56 | C4H8    | 000624-64-6 | 83   |
| 4    |    | 2-Butene, (Z)-       | 56 | C4H8    | 000590-18-1 | 83   |
| 5    |    | 2-Butene             | 56 | C4H8    | 000107-01-7 | 80   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| 1-Propene, 2-methyl- | 1.40 | 7.2     | ug/l  | 195475   | 1                     | 5.67 | 1363820 | 50.0 |