

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\  
 Data File : VN062023.D  
 Acq On : 23 Jun 2020 1:57  
 Operator : JC/MD  
 Sample : L3071-06  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TW-8

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON Filtering: 5  
 Sampling : 1 Min Area: 3 % of largest Peak  
 Start Thrs: 0.2 Max Peaks: 100  
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061620W.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         | 1.796       | 3             | 7           | 20           | rVB2     | 77595          | 92620         | 10.31%          | 1.946%        |
| 2         | 2.130       | 102           | 111         | 127          | rBV2     | 49554          | 99979         | 11.13%          | 2.100%        |
| 3         | 2.352       | 171           | 180         | 188          | rVV2     | 9230           | 13636         | 1.52%           | 0.286%        |
| 4         | 2.413       | 190           | 199         | 210          | rVV4     | 6962           | 12577         | 1.40%           | 0.264%        |
| 5         | 3.021       | 377           | 388         | 401          | rVB3     | 7343           | 15984         | 1.78%           | 0.336%        |
| 6         | 3.114       | 401           | 417         | 418          | rBV5     | 5582           | 9853          | 1.10%           | 0.207%        |
| 7         | 4.024       | 686           | 700         | 721          | rBV4     | 4752           | 14107         | 1.57%           | 0.296%        |
| 8         | 7.548       | 1778          | 1796        | 1808         | rBV      | 114840         | 289210        | 32.20%          | 6.076%        |
| 9         | 7.625       | 1808          | 1820        | 1840         | rVB      | 187352         | 437565        | 48.72%          | 9.193%        |
| 10        | 7.985       | 1915          | 1932        | 1959         | rBV      | 124503         | 294612        | 32.80%          | 6.189%        |
| 11        | 8.551       | 2089          | 2108        | 2139         | rBV      | 301489         | 629385        | 70.08%          | 13.222%       |
| 12        | 10.059      | 2562          | 2577        | 2595         | rBV      | 499611         | 898153        | 100.00%         | 18.869%       |
| 13        | 11.381      | 2974          | 2988        | 3015         | rBV      | 454533         | 796397        | 88.67%          | 16.731%       |
| 14        | 12.377      | 3286          | 3298        | 3318         | rBV      | 321666         | 537083        | 59.80%          | 11.283%       |
| 15        | 13.320      | 3578          | 3591        | 3612         | rBV      | 368197         | 618798        | 68.90%          | 13.000%       |

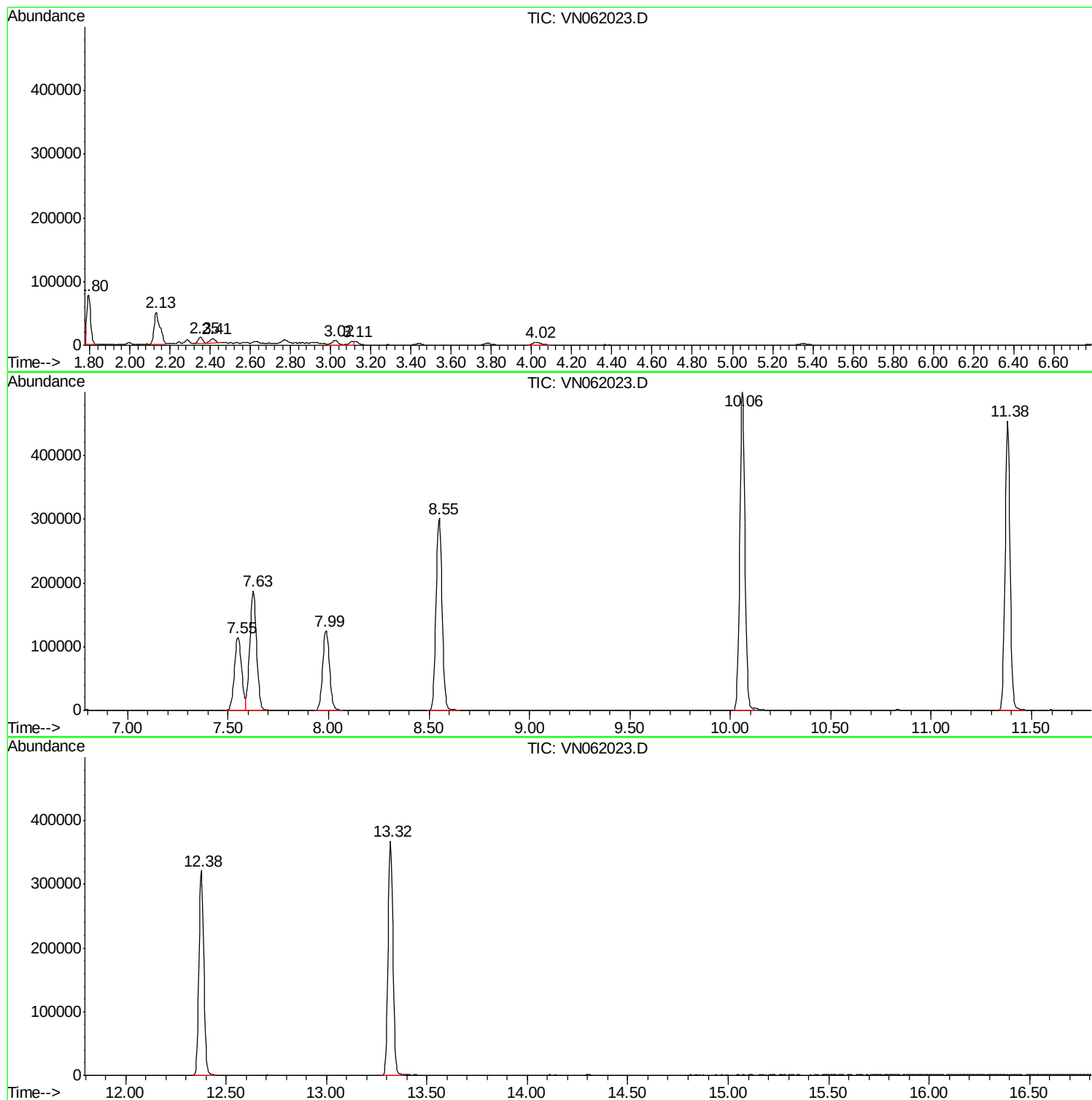
Sum of corrected areas: 4759959

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N061620W.M  
Quant Title : SW846 8260

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



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ALS Vial : 38 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampled :  
TW-8

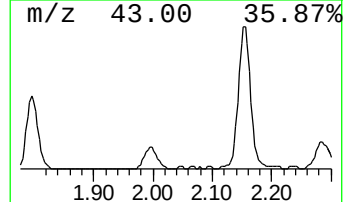
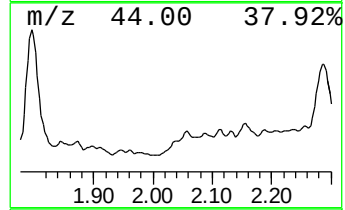
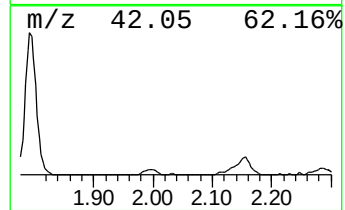
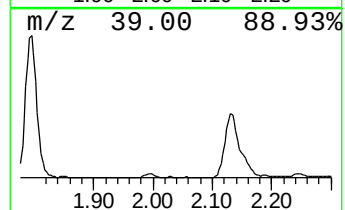
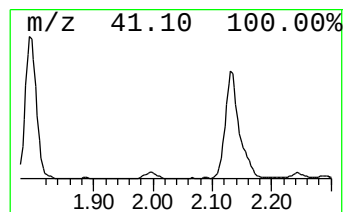
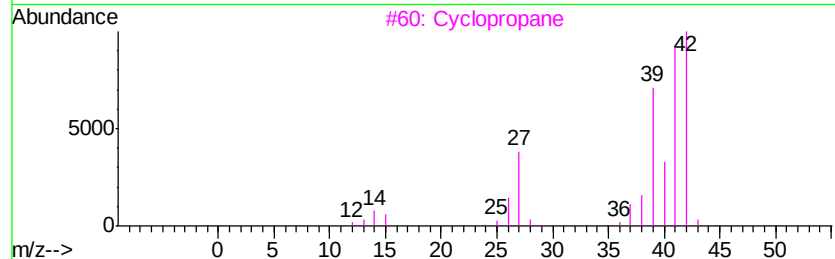
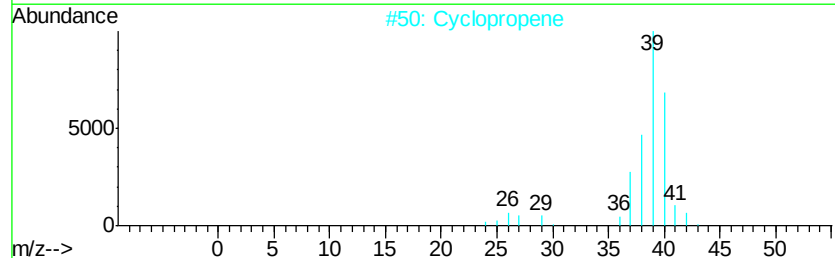
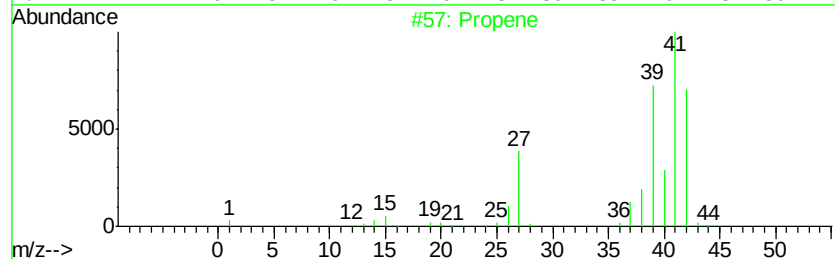
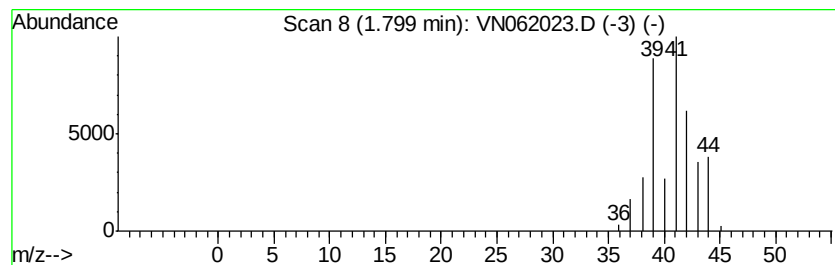
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N061620W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Propene Concentration Rank 2

| R.T. | EstConc    | Area  | Relative to ISTD   | R.T. |
|------|------------|-------|--------------------|------|
| 1.80 | 10.58 ug/l | 92620 | Pentafluorobenzene | 7.63 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#         | Qual |
|------|----|---|----------------------------|-----|---------|--------------|------|
| 1    |    |   | Propene                    | 42  | C3H6    | 000115-07-1  | 72   |
| 2    |    |   | Cyclopropene               | 40  | C3H4    | 002781-85-3  | 9    |
| 3    |    |   | Cyclopropane               | 42  | C3H6    | 000075-19-4  | 5    |
| 4    |    |   | 2-Oxetanone, 4-methyl-     | 86  | C4H6O2  | 003068-88-0  | 2    |
| 5    |    |   | Oxalic acid, diallyl ester | 170 | C8H10O4 | 1000309-22-9 | 2    |



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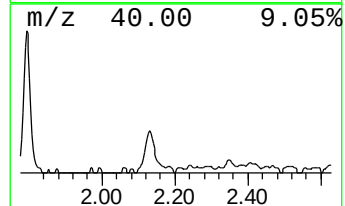
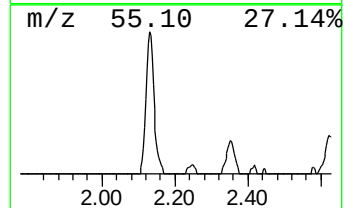
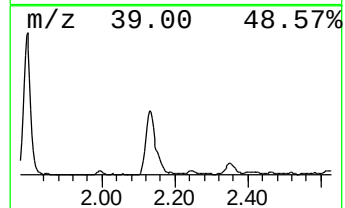
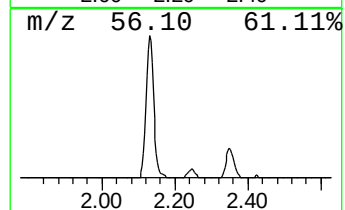
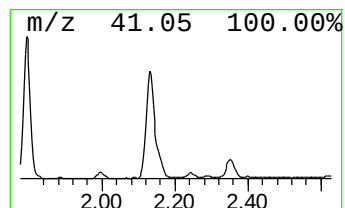
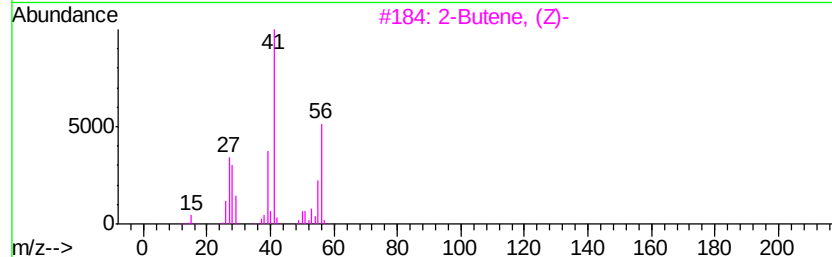
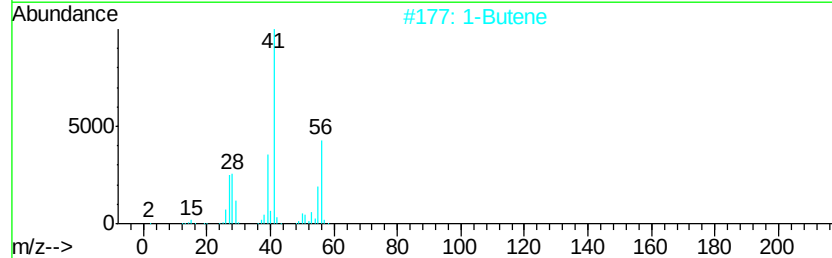
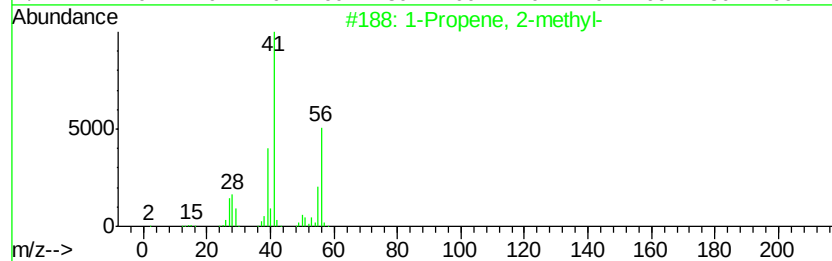
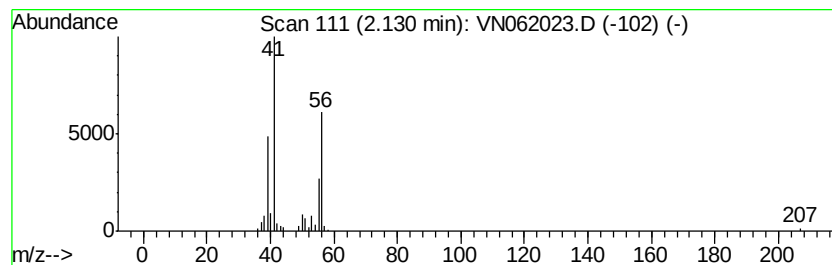
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Peak Number 2 1-Propene, 2-methyl- Concentration Rank 1

| R.T. | EstConc    | Area  | Relative to ISTD   | R.T. |
|------|------------|-------|--------------------|------|
| 2.13 | 11.42 ug/l | 99979 | Pentafluorobenzene | 7.63 |

| Hit# | of | Tentative ID         | MW | MolForm | CAS#        | Qual |
|------|----|----------------------|----|---------|-------------|------|
| 1    | 5  | 1-Propene, 2-methyl- | 56 | C4H8    | 000115-11-7 | 91   |
| 2    |    | 1-Butene             | 56 | C4H8    | 000106-98-9 | 91   |
| 3    |    | 2-Butene, (Z)-       | 56 | C4H8    | 000590-18-1 | 87   |
| 4    |    | 2-Butene, (E)-       | 56 | C4H8    | 000624-64-6 | 86   |
| 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 |
| Propene              | 1.80 | 10.6    | ug/l  | 92620    | 1                     | 7.63 | 437565 | 50.0 |
| 1-Propene, 2-methyl- | 2.13 | 11.4    | ug/l  | 99979    | 1                     | 7.63 | 437565 | 50.0 |