

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\  
 Data File : VW010471.D  
 Acq On : 21 May 2019 02:21  
 Operator : SY/VA  
 Sample : K2951-03  
 Misc : 6.54G/5ML/MSVOA W/SOIL  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TP-12-S

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\_W\METHOD\82W052019S.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         | 1.959       | 4             | 9           | 20           | rVB      | 59582          | 87454         | 12.94%          | 2.528%        |
| 2         | 2.178       | 39            | 45          | 48           | rBV      | 9453           | 12300         | 1.82%           | 0.356%        |
| 3         | 2.349       | 67            | 73          | 80           | rVB      | 11290          | 17615         | 2.61%           | 0.509%        |
| 4         | 2.635       | 114           | 120         | 126          | rBV4     | 7086           | 13285         | 1.97%           | 0.384%        |
| 5         | 3.020       | 178           | 183         | 190          | rVB6     | 3761           | 8548          | 1.26%           | 0.247%        |
| 6         | 4.123       | 355           | 364         | 371          | rBV      | 3639           | 9544          | 1.41%           | 0.276%        |
| 7         | 4.379       | 396           | 406         | 418          | rBV      | 13729          | 38441         | 5.69%           | 1.111%        |
| 8         | 4.916       | 482           | 494         | 503          | rBV2     | 6477           | 21090         | 3.12%           | 0.610%        |
| 9         | 7.141       | 847           | 859         | 873          | rBV2     | 16059          | 46539         | 6.88%           | 1.345%        |
| 10        | 7.885       | 972           | 981         | 986          | rBV2     | 93593          | 221326        | 32.74%          | 6.398%        |
| 11        | 7.952       | 986           | 992         | 1003         | rVB      | 155355         | 346985        | 51.32%          | 10.031%       |
| 12        | 8.311       | 1037          | 1051        | 1061         | rBV      | 85019          | 191648        | 28.35%          | 5.540%        |
| 13        | 8.842       | 1130          | 1138        | 1147         | rBV      | 237636         | 473245        | 70.00%          | 13.681%       |
| 14        | 10.323      | 1373          | 1381        | 1390         | rBV      | 376709         | 676066        | 100.00%         | 19.544%       |
| 15        | 10.707      | 1440          | 1444        | 1449         | rVV      | 4181           | 6997          | 1.03%           | 0.202%        |
| 16        | 11.433      | 1554          | 1563        | 1572         | rVB8     | 2633           | 9176          | 1.36%           | 0.265%        |
| 17        | 11.634      | 1588          | 1596        | 1607         | rBV      | 281270         | 479478        | 70.92%          | 13.861%       |
| 18        | 11.841      | 1621          | 1630        | 1633         | rBV7     | 2367           | 6820          | 1.01%           | 0.197%        |
| 19        | 12.621      | 1751          | 1758        | 1765         | rBV      | 201055         | 332825        | 49.23%          | 9.621%        |
| 20        | 12.926      | 1801          | 1808        | 1818         | rVB8     | 4917           | 13958         | 2.06%           | 0.404%        |
| 21        | 13.560      | 1906          | 1912        | 1920         | rVB      | 196331         | 313576        | 46.38%          | 9.065%        |
| 22        | 13.877      | 1958          | 1964        | 1967         | rBV3     | 7143           | 10923         | 1.62%           | 0.316%        |
| 23        | 14.072      | 1992          | 1996        | 2004         | rVB      | 11516          | 22302         | 3.30%           | 0.645%        |
| 24        | 14.731      | 2100          | 2104        | 2109         | rVB3     | 7880           | 12920         | 1.91%           | 0.373%        |
| 25        | 14.804      | 2109          | 2116        | 2120         | rBV5     | 5586           | 12700         | 1.88%           | 0.367%        |
| 26        | 15.066      | 2154          | 2159        | 2164         | rBV6     | 4179           | 7870          | 1.16%           | 0.228%        |
| 27        | 15.176      | 2171          | 2177        | 2182         | rBV9     | 3668           | 7294          | 1.08%           | 0.211%        |
| 28        | 15.334      | 2197          | 2203        | 2206         | rBV4     | 4399           | 7670          | 1.13%           | 0.222%        |
| 29        | 16.103      | 2322          | 2329        | 2338         | rBV2     | 26468          | 50598         | 7.48%           | 1.463%        |

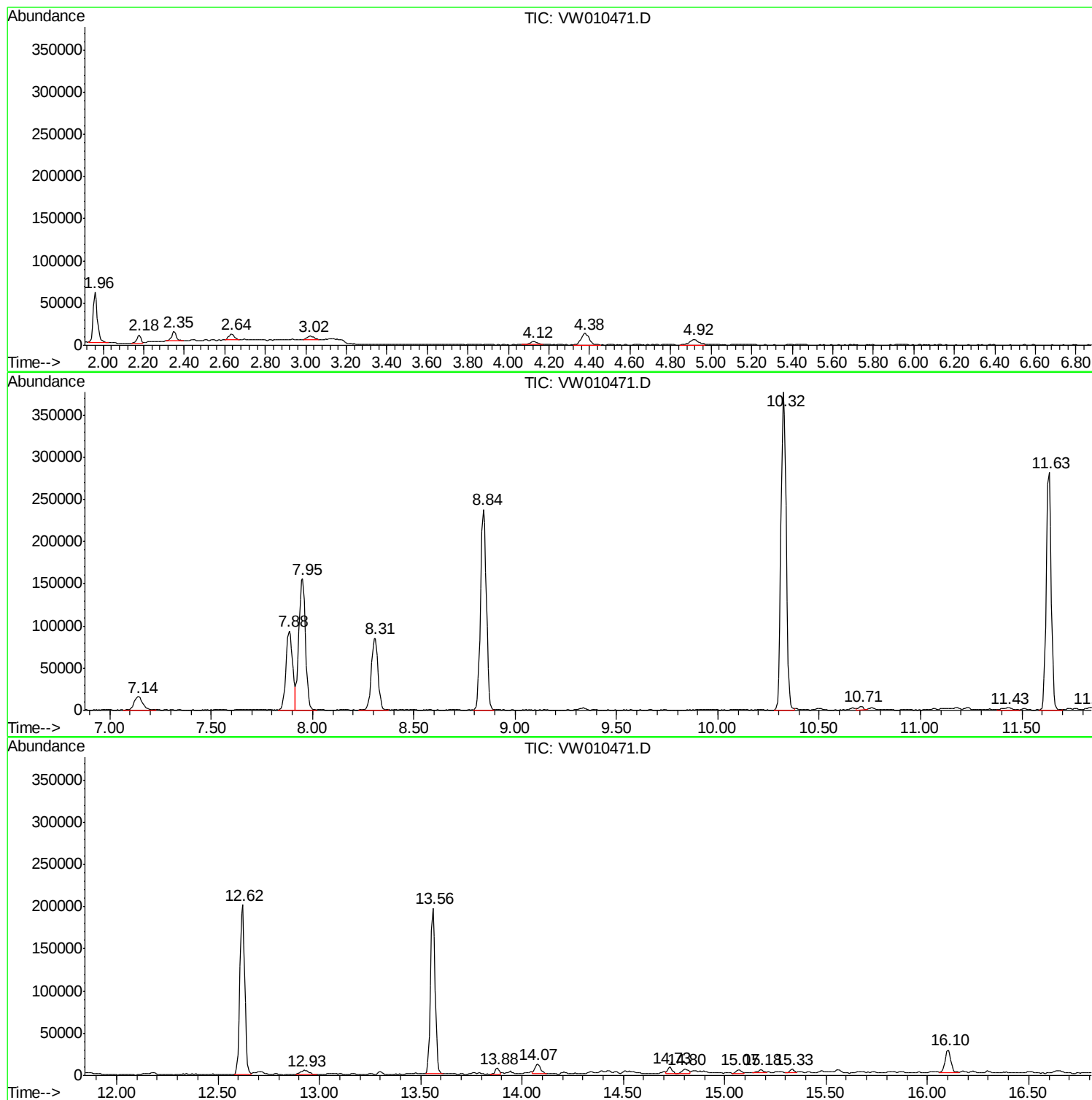
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ClientSampleId :  
TP-12-S

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
Quant Title : SW846 8260

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



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Instrument :  
MSVOA\_W  
ClientSampled :  
TP-12-S

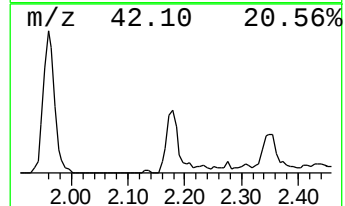
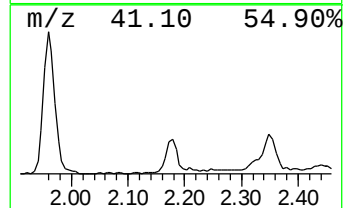
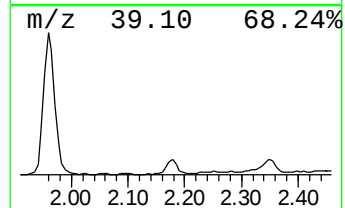
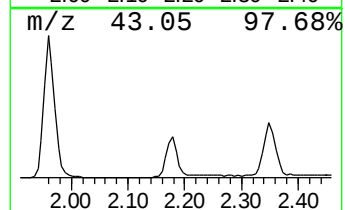
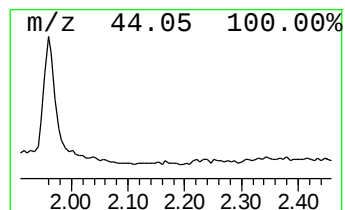
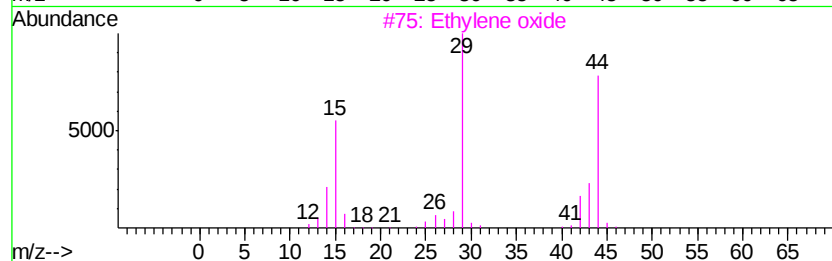
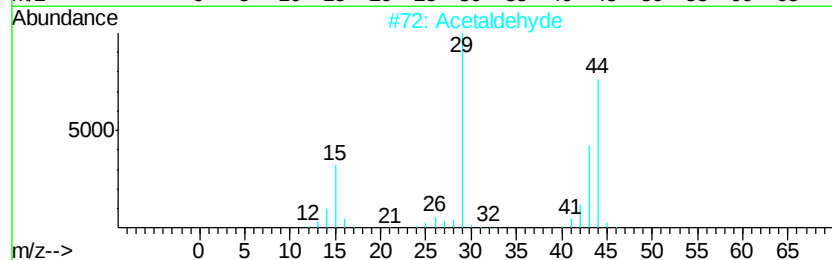
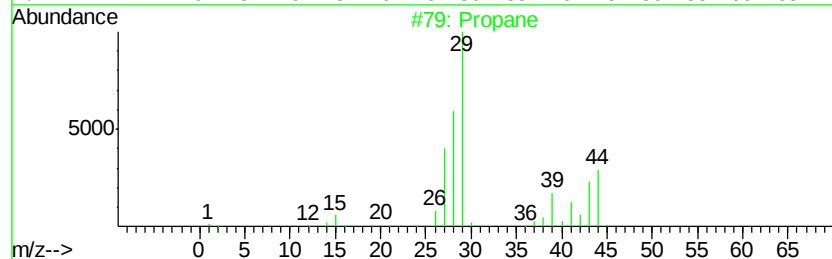
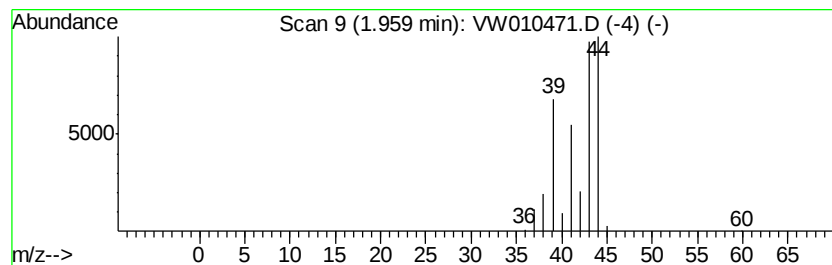
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
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Peak Number 1 Propane Concentration Rank 1

| R.T. | EstConc    | Area  | Relative to ISTD   | R.T. |
|------|------------|-------|--------------------|------|
| 1.96 | 12.60 ug/l | 87454 | Pentafluorobenzene | 7.95 |

| Hit# | of              | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|-----------------|---|--------------|----|---------|-------------|------|
| 1    | Propane         |   |              | 44 | C3H8    | 000074-98-6 | 83   |
| 2    | Acetaldehyde    |   |              | 44 | C2H4O   | 000075-07-0 | 5    |
| 3    | Ethylene oxide  |   |              | 44 | C2H4O   | 000075-21-8 | 5    |
| 4    | Propene         |   |              | 42 | C3H6    | 000115-07-1 | 4    |
| 5    | Ethyne, fluoro- |   |              | 44 | C2HF    | 002713-09-9 | 3    |



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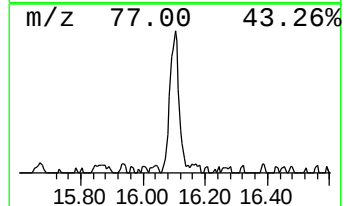
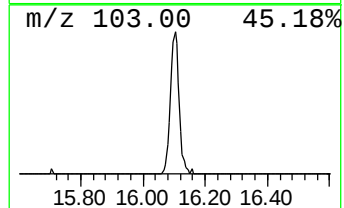
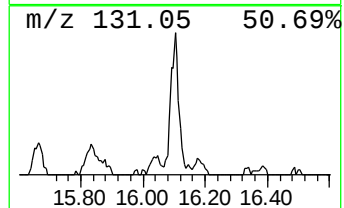
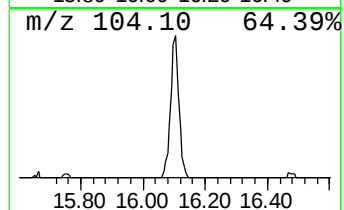
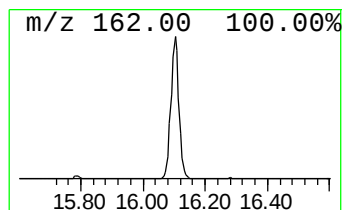
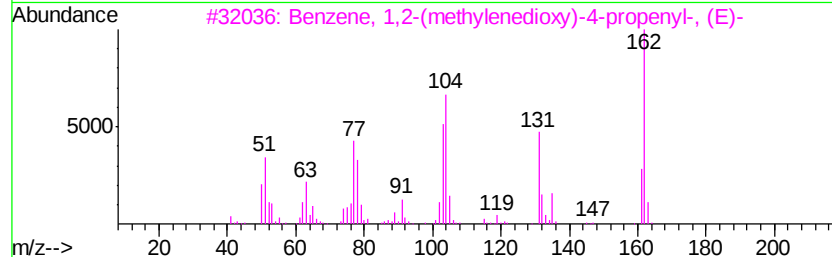
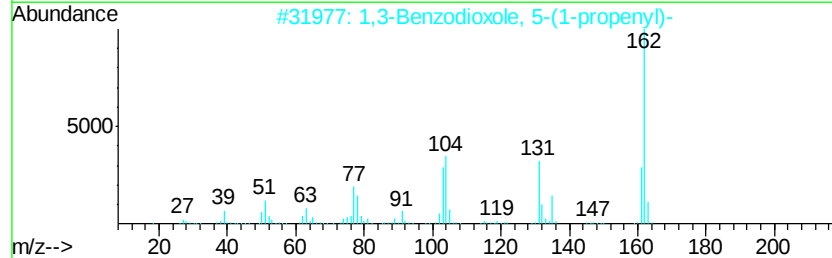
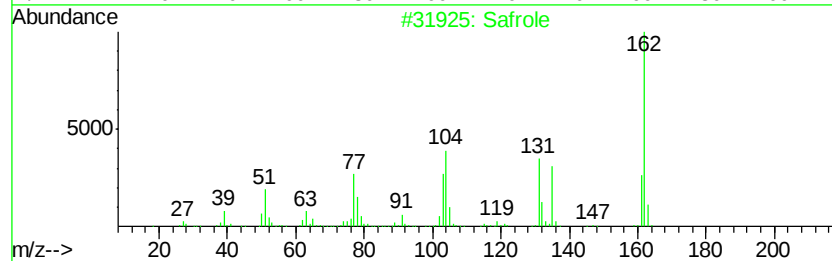
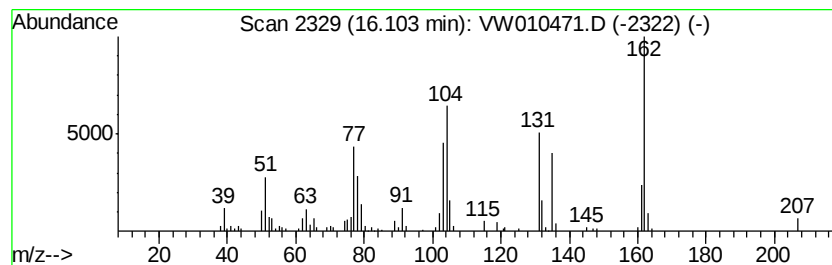
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Peak Number 3 Safrole Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 16.10 | 8.07 ug/l | 50598 | 1,4-Dichlorobenzene-d4 | 13.56 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm  | CAS#         | Qual |
|---------|-------------------------------------|--------------|-----|----------|--------------|------|
| 1       | Safrole                             |              | 162 | C10H10O2 | 000094-59-7  | 96   |
| 2       | 1,3-Benzodioxole, 5-(1-propenyl)-   |              | 162 | C10H10O2 | 000120-58-1  | 96   |
| 3       | Benzene, 1,2-(methylenedioxy)-4-... |              | 162 | C10H10O2 | 004043-71-4  | 93   |
| 4       | 1,3-Benzodioxole, 5-(1-propenyl)... |              | 162 | C10H10O2 | 017627-76-8  | 93   |
| 5       | p-Vinylbenzohydrazide               |              | 162 | C9H10N2O | 1000244-74-9 | 53   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Propane          | 1.96  | 12.6    | ug/l  | 87454    | 1                     | 7.95  | 346985 | 50.0 |
| Safrrole         | 16.10 | 8.1     | ug/l  | 50598    | 4                     | 13.56 | 313576 | 50.0 |