

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\  
 Data File : VV011313.D  
 Acq On : 08 Jun 2019 04:23  
 Operator : SY/MD  
 Sample : K3228-14  
 Misc : 25ML/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9P16

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\_V\METHOD\SOMVTR060419WMA.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         | 1.113       | 5             | 7           | 33           | rVB2     | 23752          | 43874         | 7.49%           | 0.888%        |
| 2         | 1.219       | 37            | 40          | 46           | rVB2     | 8922           | 9567          | 1.63%           | 0.194%        |
| 3         | 1.315       | 61            | 70          | 77           | rBV      | 78211          | 78132         | 13.33%          | 1.581%        |
| 4         | 1.421       | 98            | 103         | 108          | rBV      | 16094          | 16259         | 2.77%           | 0.329%        |
| 5         | 1.470       | 109           | 118         | 120          | rBV6     | 21896          | 31681         | 5.41%           | 0.641%        |
| 6         | 1.550       | 140           | 143         | 153          | rVB      | 62186          | 65635         | 11.20%          | 1.328%        |
| 7         | 2.116       | 310           | 319         | 330          | rVB      | 125716         | 175075        | 29.87%          | 3.542%        |
| 8         | 2.193       | 335           | 343         | 353          | rVB2     | 23126          | 35069         | 5.98%           | 0.709%        |
| 9         | 2.325       | 372           | 384         | 399          | rBV      | 93715          | 158092        | 26.98%          | 3.198%        |
| 10        | 2.646       | 473           | 484         | 504          | rVB      | 63278          | 132668        | 22.64%          | 2.684%        |
| 11        | 3.942       | 875           | 887         | 924          | rBV      | 90126          | 258995        | 44.19%          | 5.239%        |
| 12        | 4.396       | 1013          | 1028        | 1049         | rBV      | 91001          | 217152        | 37.05%          | 4.393%        |
| 13        | 5.087       | 1228          | 1243        | 1261         | rBV2     | 216460         | 512191        | 87.39%          | 10.361%       |
| 14        | 5.659       | 1407          | 1421        | 1448         | rBV      | 200861         | 400640        | 68.36%          | 8.104%        |
| 15        | 6.116       | 1547          | 1563        | 1581         | rBV      | 125557         | 256973        | 43.85%          | 5.198%        |
| 16        | 7.029       | 1836          | 1847        | 1862         | rBV2     | 51863          | 95968         | 16.37%          | 1.941%        |
| 17        | 7.357       | 1935          | 1949        | 1966         | rBV      | 244656         | 426331        | 72.74%          | 8.624%        |
| 18        | 7.662       | 2033          | 2044        | 2059         | rBV2     | 31160          | 54258         | 9.26%           | 1.098%        |
| 19        | 8.132       | 2178          | 2190        | 2218         | rBV      | 331996         | 586068        | 100.00%         | 11.855%       |
| 20        | 8.894       | 2414          | 2427        | 2451         | rBV      | 295051         | 487432        | 83.17%          | 9.860%        |
| 21        | 10.061      | 2782          | 2790        | 2801         | rBV10    | 3827           | 7040          | 1.20%           | 0.142%        |
| 22        | 10.260      | 2841          | 2852        | 2865         | rBV      | 94419          | 149426        | 25.50%          | 3.023%        |
| 23        | 11.292      | 3160          | 3173        | 3191         | rBV      | 233551         | 397970        | 67.91%          | 8.050%        |
| 24        | 11.672      | 3279          | 3291        | 3312         | rVB      | 208665         | 346992        | 59.21%          | 7.019%        |

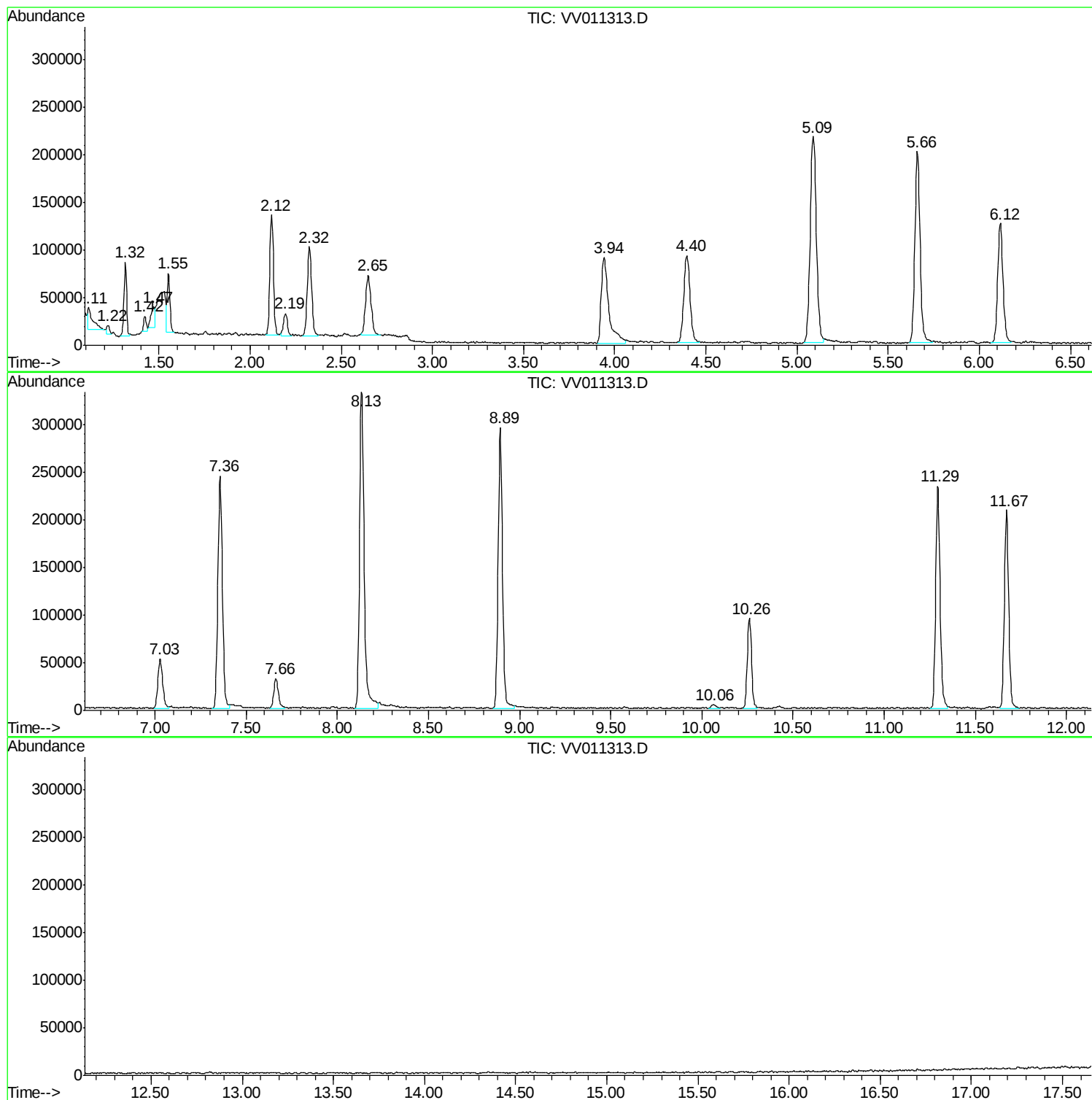
Sum of corrected areas: 4943488

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060619\  
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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
F9P16

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR060419WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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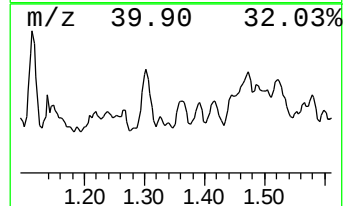
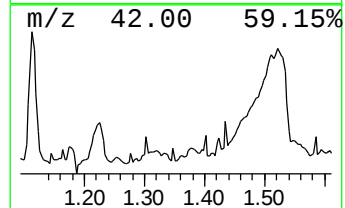
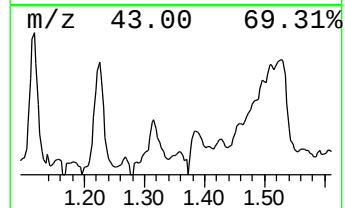
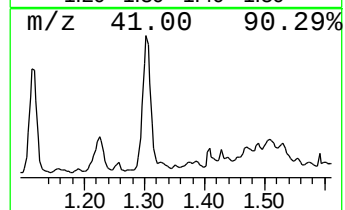
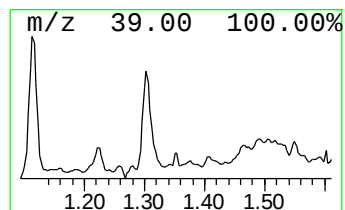
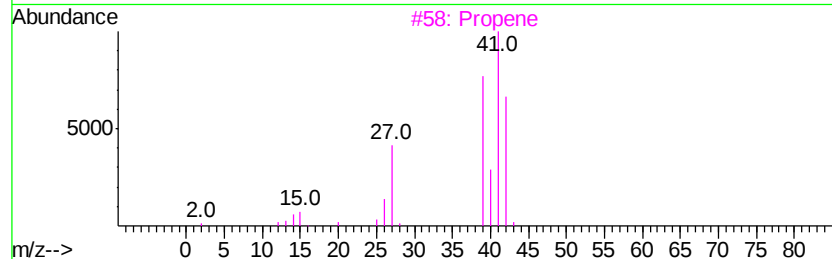
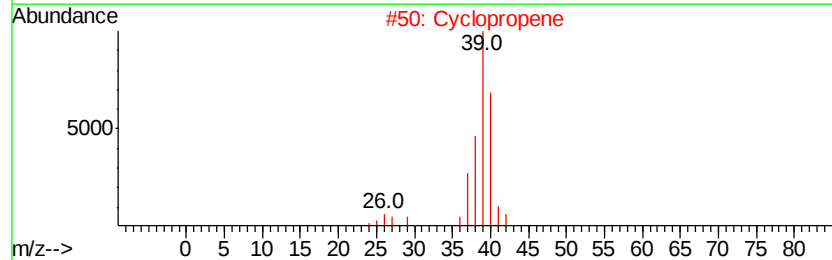
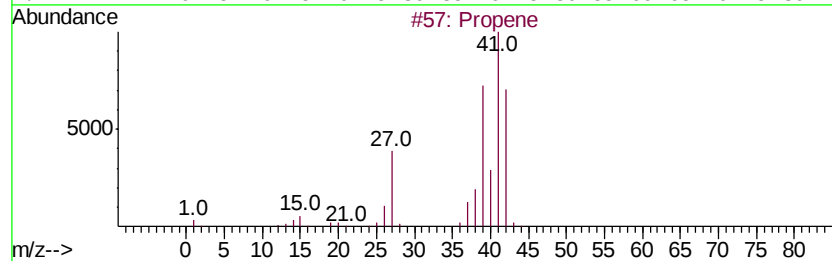
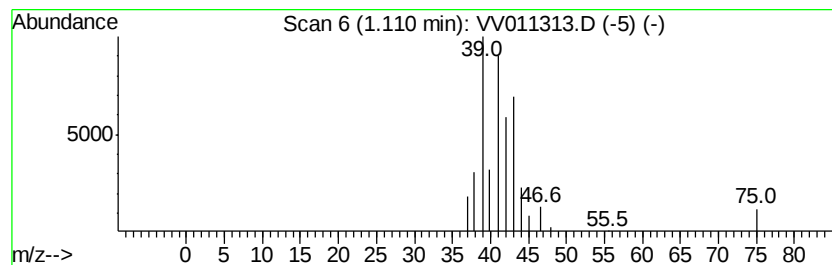
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Cyclic1.11 Concentration Rank 4

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 1.11 | 0.55 ug/L | 43874 | 1,4-Difluorobenzene | 5.66 |

| Hit# | of | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|----|--------------|----|---------|-------------|------|
| 1    | 5  | Propene      | 42 | C3H6    | 000115-07-1 | 9    |
| 2    |    | Cyclopropene | 40 | C3H4    | 002781-85-3 | 4    |
| 3    |    | Propene      | 42 | C3H6    | 000115-07-1 | 4    |
| 4    |    | Cyclopropane | 42 | C3H6    | 000075-19-4 | 4    |
| 5    |    | Cyclopropane | 42 | C3H6    | 000075-19-4 | 2    |



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MSVOA\_V  
ClientSampleId :  
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR060419WMA.M  
Quant Title : TRACE VOA SOM01.0

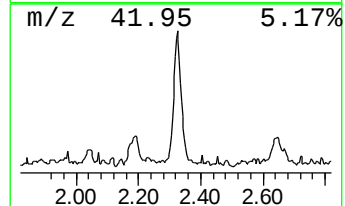
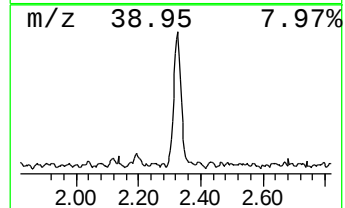
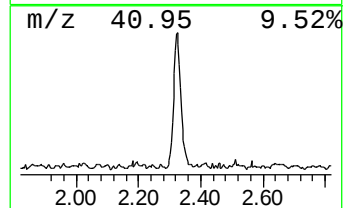
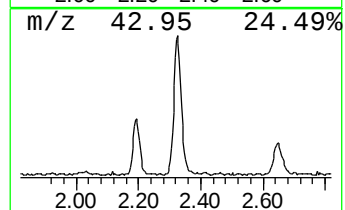
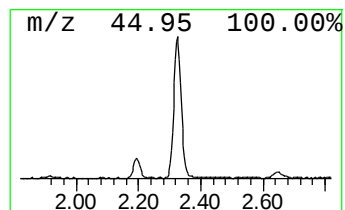
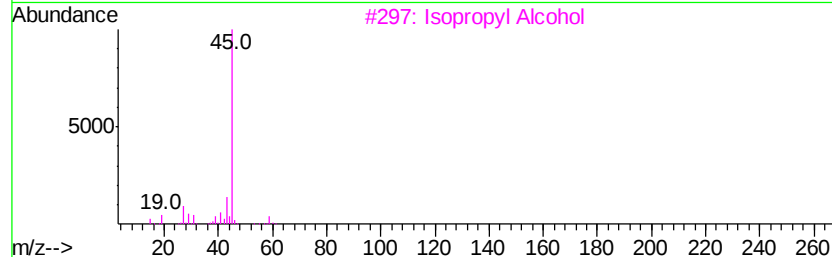
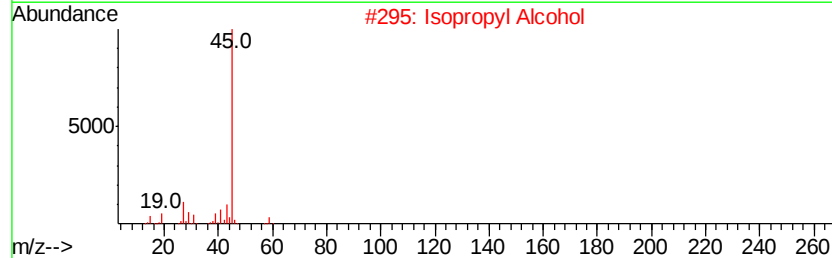
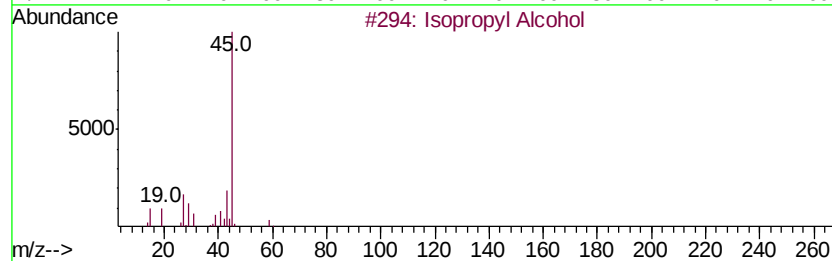
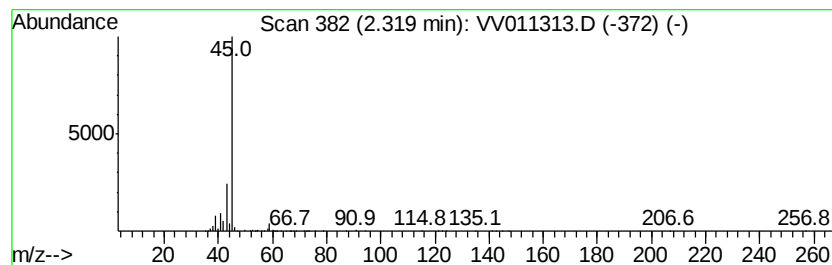
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Isopropyl Alcohol Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 2.32 | 1.97 ug/L | 158092 | 1,4-Difluorobenzene | 5.66 |

| Hit# | of | Tentative ID                     | MW | MolForm | CAS#        | Qual |
|------|----|----------------------------------|----|---------|-------------|------|
| 1    | 5  | Isopropyl Alcohol                | 60 | C3H8O   | 000067-63-0 | 78   |
| 2    |    | Isopropyl Alcohol                | 60 | C3H8O   | 000067-63-0 | 78   |
| 3    |    | Isopropyl Alcohol                | 60 | C3H8O   | 000067-63-0 | 78   |
| 4    |    | Formic acid, 1-methylethyl ester | 88 | C4H8O2  | 000625-55-8 | 40   |
| 5    |    | 2-Pentanol                       | 88 | C5H12O  | 006032-29-7 | 9    |



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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 |
| (DEL) Alkane: Cyc... | 1.11 | 0.6     | ug/L  | 43874    | 1                     | 5.66 | 400640 | 5.0  |
| Isopropyl Alcohol    | 2.32 | 2.0     | ug/L  | 158092   | 1                     | 5.66 | 400640 | 5.0  |