

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV011624\  
 Data File : VV033669.D  
 Acq On : 16 Jan 2024 14:35  
 Operator : SY/MD  
 Sample : P1062-15  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH268

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

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\_V\Method\SFAMVTR011224WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV033669.D\data.ms

| 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       | 67            | 75          | 83           | rBV      | 36240          | 37558         | 11.09%          | 1.273%        |
| 2         | 1.536       | 147           | 154         | 163          | rBV      | 36776          | 43338         | 12.80%          | 1.469%        |
| 3         | 2.063       | 308           | 318         | 334          | rVB      | 63620          | 96027         | 28.35%          | 3.255%        |
| 4         | 2.519       | 447           | 460         | 476          | rBV      | 53436          | 98186         | 28.99%          | 3.328%        |
| 5         | 3.818       | 854           | 864         | 902          | rBV      | 26405          | 106563        | 31.46%          | 3.612%        |
| 6         | 4.253       | 984           | 999         | 1024         | rBV2     | 53758          | 141638        | 41.82%          | 4.801%        |
| 7         | 4.960       | 1205          | 1219        | 1249         | rBV2     | 123166         | 314850        | 92.96%          | 10.672%       |
| 8         | 5.535       | 1388          | 1398        | 1423         | rBV      | 134370         | 280218        | 82.74%          | 9.498%        |
| 9         | 5.992       | 1527          | 1540        | 1567         | rBV      | 71820          | 155444        | 45.90%          | 5.269%        |
| 10        | 6.918       | 1816          | 1828        | 1853         | rBV      | 31972          | 64889         | 19.16%          | 2.199%        |
| 11        | 7.246       | 1919          | 1930        | 1952         | rBV      | 146034         | 263765        | 77.88%          | 8.941%        |
| 12        | 7.564       | 2020          | 2029        | 2045         | rBV      | 17255          | 34377         | 10.15%          | 1.165%        |
| 13        | 7.876       | 2115          | 2126        | 2138         | rBV2     | 3183           | 5693          | 1.68%           | 0.193%        |
| 14        | 8.031       | 2165          | 2174        | 2209         | rBV      | 138500         | 310457        | 91.67%          | 10.523%       |
| 15        | 8.786       | 2398          | 2409        | 2438         | rBV      | 198969         | 338681        | 100.00%         | 11.480%       |
| 16        | 10.156      | 2825          | 2835        | 2850         | rBV      | 46813          | 74853         | 22.10%          | 2.537%        |
| 17        | 10.326      | 2878          | 2888        | 2900         | rBV2     | 9010           | 14275         | 4.21%           | 0.484%        |
| 18        | 11.185      | 3145          | 3155        | 3178         | rBV      | 210702         | 336192        | 99.27%          | 11.396%       |
| 19        | 11.561      | 3262          | 3272        | 3289         | rVB      | 144080         | 233173        | 68.85%          | 7.904%        |

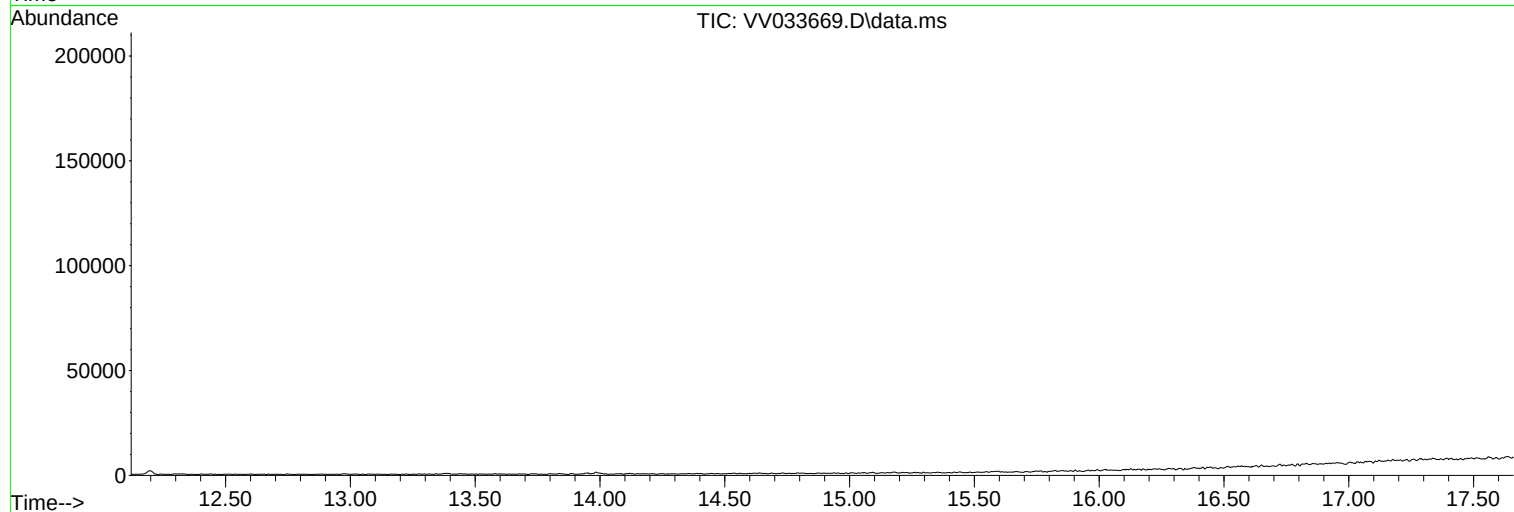
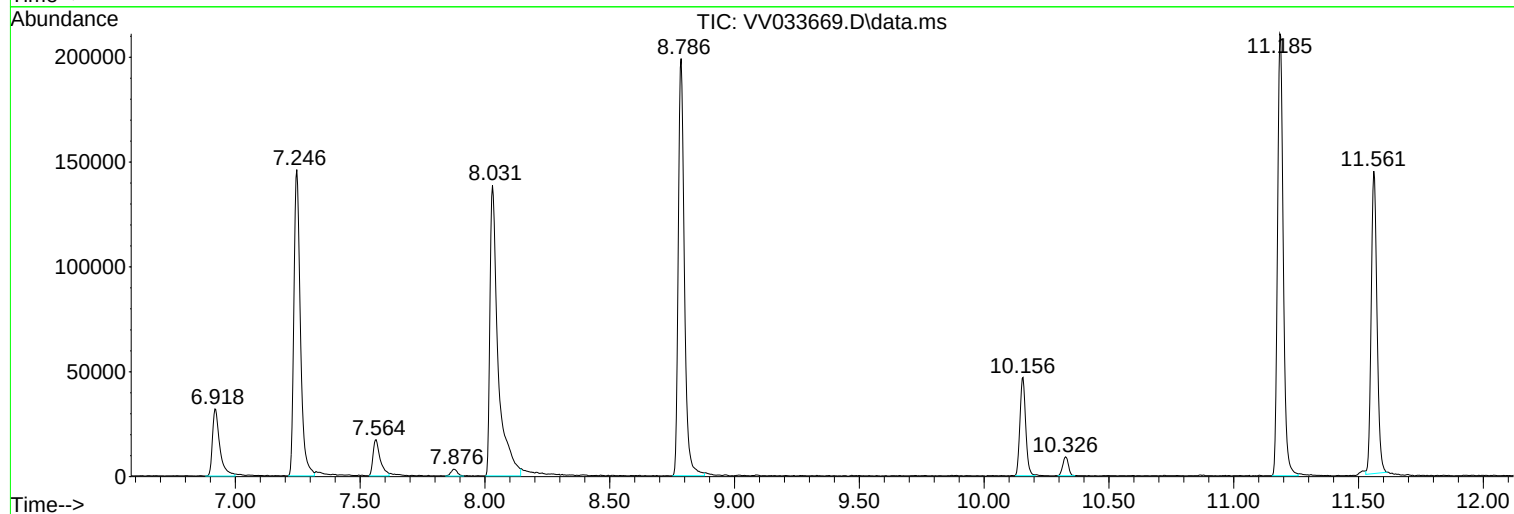
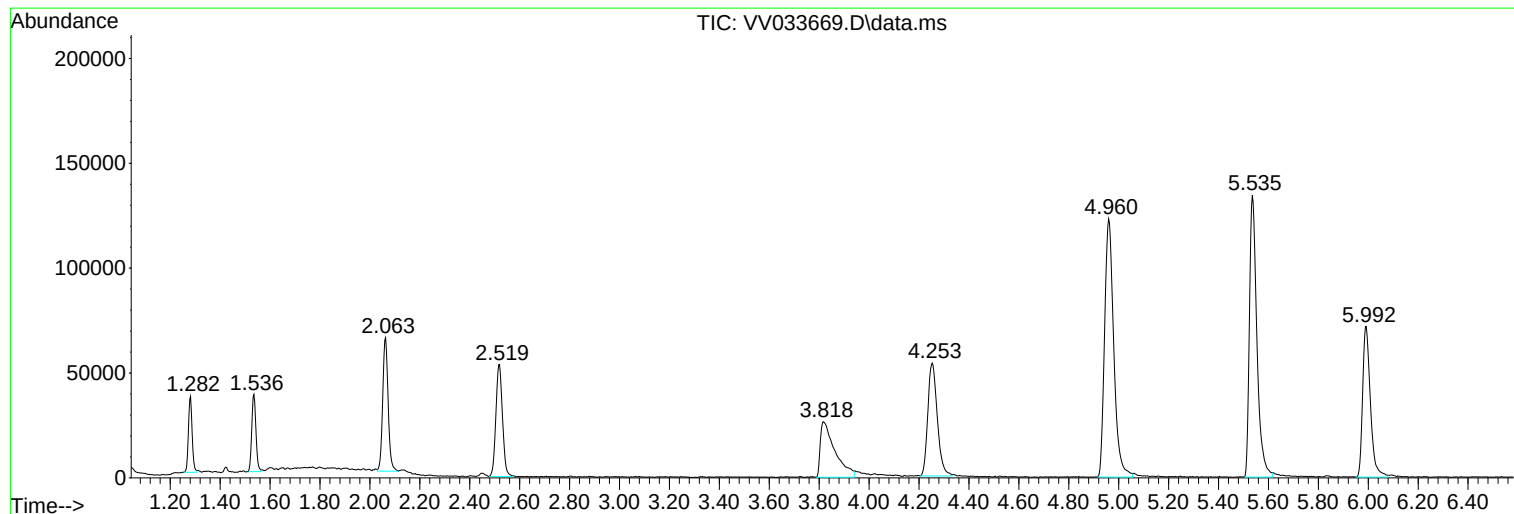
Sum of corrected areas: 2950177

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ClientSampleId :  
BH268

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011224WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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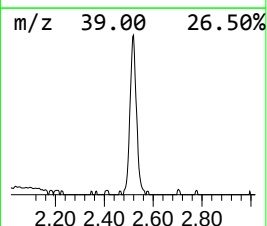
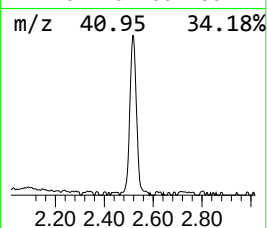
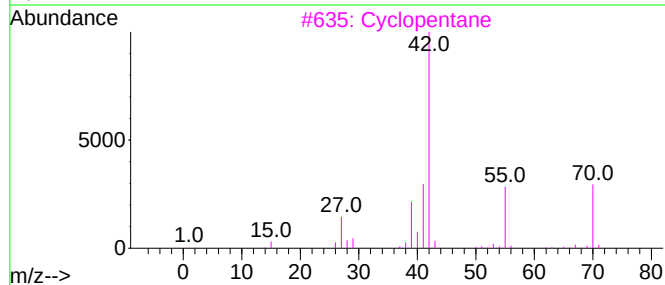
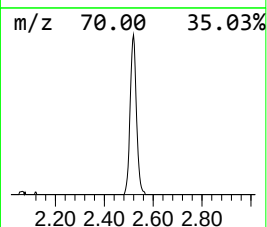
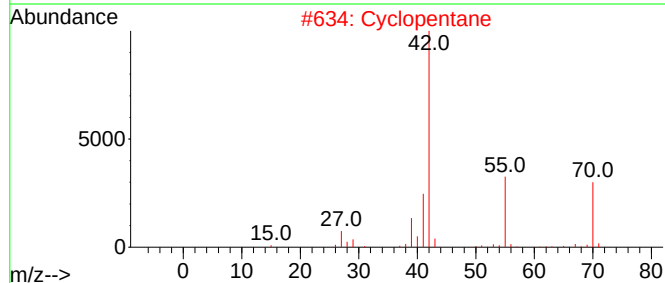
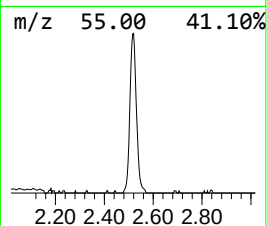
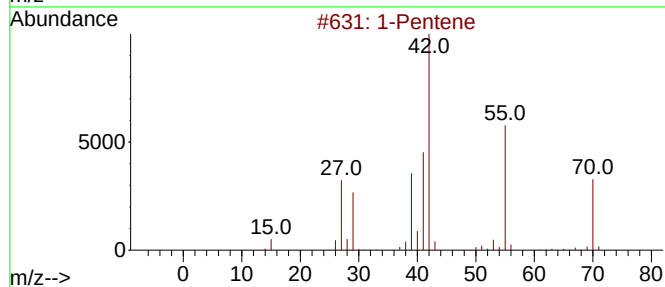
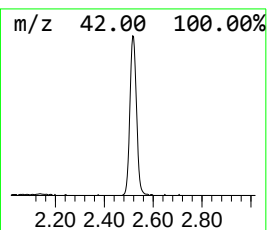
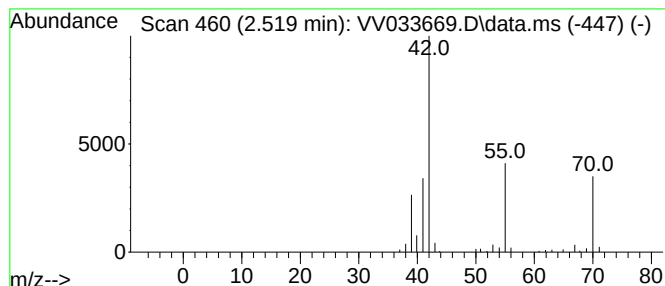
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011224WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 2.519 | 1.75 ug/L | 98186 | 1,4-Difluorobenzene | 5.535 |

| Hit# | of 5 | Tentative ID         | MW | MolForm | CAS#        | Qual |
|------|------|----------------------|----|---------|-------------|------|
| 1    |      | 1-Pentene            | 70 | C5H10   | 000109-67-1 | 91   |
| 2    |      | Cyclopentane         | 70 | C5H10   | 000287-92-3 | 90   |
| 3    |      | Cyclopentane         | 70 | C5H10   | 000287-92-3 | 90   |
| 4    |      | Cyclobutane, methyl- | 70 | C5H10   | 000598-61-8 | 86   |
| 5    |      | Cyclopentane         | 70 | C5H10   | 000287-92-3 | 72   |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: S... | 2.519 | 1.8     | ug/L  | 98186    | 1                     | 5.535 | 280218 | 5.0  |