

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072622\  
 Data File : VU049943.D  
 Acq On : 27 Jul 2022 04:37  
 Operator : SY/MD  
 Sample : N3879-15  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBUH9

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\_U\Method\SFAMUTR072222WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU049943.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         | 1.359       | 3             | 6           | 22           | rVB      | 379331         | 343837        | 4.99%           | 3.233%        |
| 2         | 1.597       | 68            | 80          | 93           | rBV3     | 151874         | 251151        | 3.64%           | 2.362%        |
| 3         | 2.153       | 240           | 253         | 261          | rBV2     | 43833          | 72795         | 1.06%           | 0.685%        |
| 4         | 2.565       | 369           | 381         | 396          | rBV      | 47734          | 77181         | 1.12%           | 0.726%        |
| 5         | 3.366       | 611           | 630         | 649          | rBV      | 50559          | 114117        | 1.65%           | 1.073%        |
| 6         | 4.636       | 1011          | 1025        | 1069         | rBV      | 76799          | 243594        | 3.53%           | 2.291%        |
| 7         | 5.067       | 1137          | 1159        | 1177         | rBV      | 65931          | 156804        | 2.27%           | 1.475%        |
| 8         | 5.726       | 1344          | 1364        | 1377         | rBV2     | 112343         | 309322        | 4.49%           | 2.909%        |
| 9         | 6.250       | 1513          | 1527        | 1548         | rBV2     | 92763          | 177831        | 2.58%           | 1.672%        |
| 10        | 6.690       | 1651          | 1664        | 1681         | rBV3     | 81555          | 161899        | 2.35%           | 1.522%        |
| 11        | 7.899       | 2026          | 2040        | 2051         | rBV      | 115693         | 198483        | 2.88%           | 1.867%        |
| 12        | 7.970       | 2051          | 2062        | 2080         | rVB      | 147876         | 253795        | 3.68%           | 2.387%        |
| 13        | 8.552       | 2228          | 2243        | 2259         | rBV      | 4056436        | 6895908       | 100.00%         | 64.848%       |
| 14        | 8.636       | 2260          | 2269        | 2306         | rVB4     | 226629         | 579321        | 8.40%           | 5.448%        |
| 15        | 9.417       | 2500          | 2512        | 2533         | rBV      | 136624         | 232656        | 3.37%           | 2.188%        |
| 16        | 10.758      | 2917          | 2929        | 2942         | rBV      | 81497          | 136902        | 1.99%           | 1.287%        |
| 17        | 11.812      | 3245          | 3257        | 3276         | rBV      | 129536         | 212721        | 3.08%           | 2.000%        |
| 18        | 12.192      | 3363          | 3375        | 3397         | rVB      | 129728         | 215572        | 3.13%           | 2.027%        |

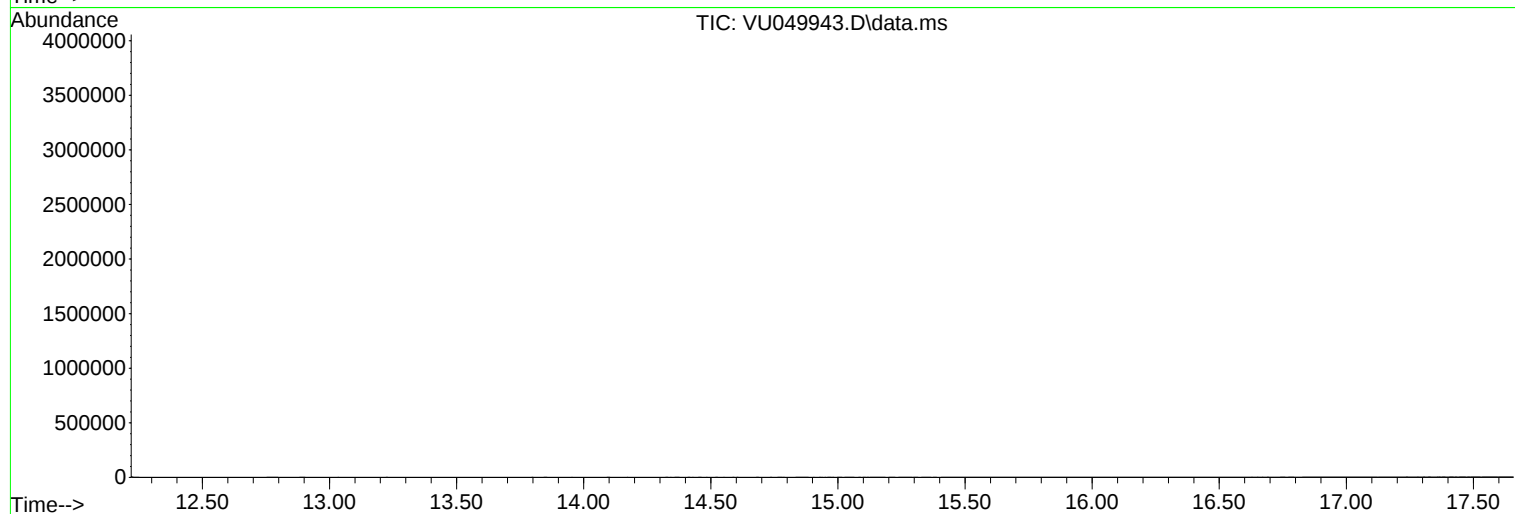
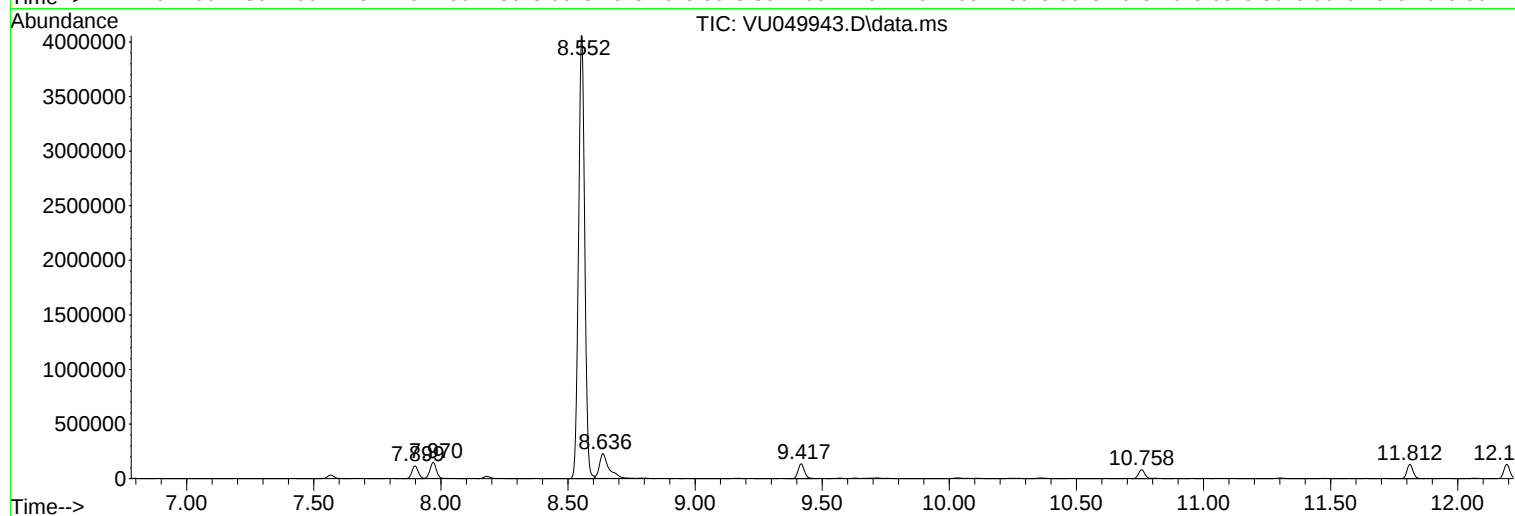
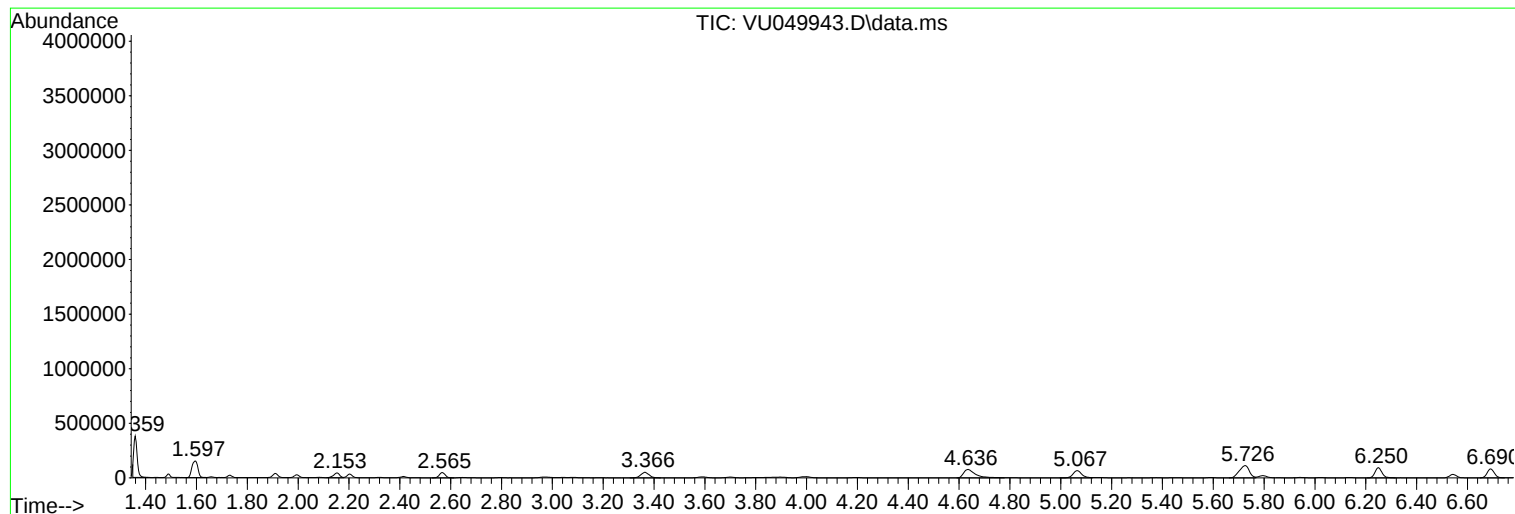
Sum of corrected areas: 10633889

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Instrument :  
MSVOA\_U  
ClientSampleId :  
DBUH9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR072222WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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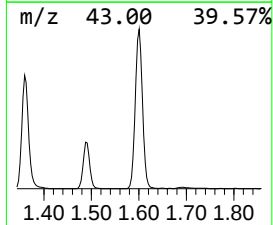
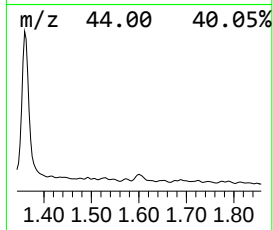
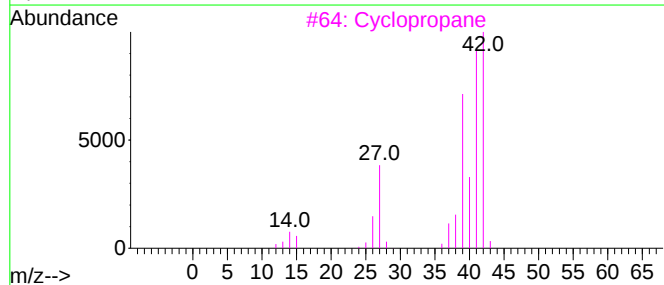
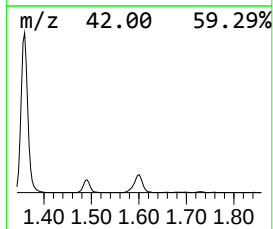
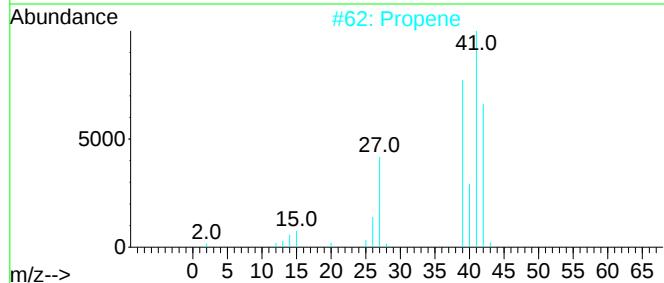
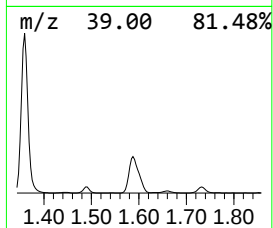
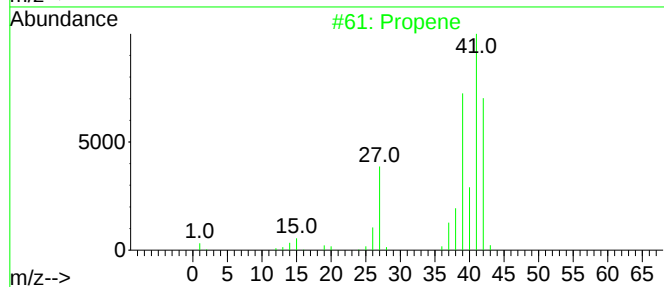
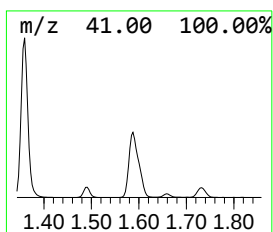
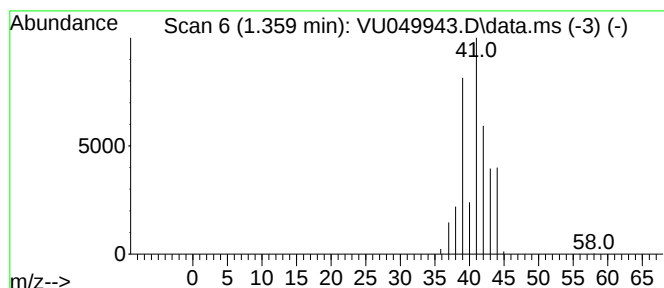
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR072222WMA.M  
Quant Title : TRACE VOA SFAM1.0

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.  |
|-------|-----------|--------|---------------------|-------|
| 1.359 | 9.67 ug/L | 343837 | 1,4-Difluorobenzene | 6.250 |

| Hit# | of | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------|----|---------|-------------|------|
| 1    |    |   | Propene      | 42 | C3H6    | 000115-07-1 | 86   |
| 2    |    |   | Propene      | 42 | C3H6    | 000115-07-1 | 42   |
| 3    |    |   | Cyclopropane | 42 | C3H6    | 000075-19-4 | 9    |
| 4    |    |   | Cyclopropane | 42 | C3H6    | 000075-19-4 | 7    |
| 5    |    |   | Cyclopropene | 40 | C3H4    | 002781-85-3 | 5    |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: S... | 1.359 | 9.7     | ug/L  | 343837   | 1                     | 6.250 | 177831 | 5.0  |