

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070323\  
 Data File : VU054750.D  
 Acq On : 03 Jul 2023 15:39  
 Operator : MD/SY  
 Sample : 03495-14  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0FC3

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\SFAMUTR060723WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU054750.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         | 1.358       | 15            | 21          | 39           | rVB2     | 92627          | 117996        | 3.48%           | 0.855%        |
| 2         | 1.489       | 56            | 62          | 67           | rBV      | 53692          | 55713         | 1.64%           | 0.404%        |
| 3         | 1.596       | 86            | 95          | 107          | rVV3     | 120539         | 168405        | 4.96%           | 1.221%        |
| 4         | 1.907       | 185           | 192         | 205          | rVB      | 77096          | 115326        | 3.40%           | 0.836%        |
| 5         | 2.560       | 382           | 395         | 409          | rVB2     | 142528         | 237184        | 6.99%           | 1.719%        |
| 6         | 3.351       | 627           | 641         | 659          | rVB3     | 38074          | 77257         | 2.28%           | 0.560%        |
| 7         | 4.660       | 1026          | 1048        | 1079         | rBV2     | 956791         | 2515688       | 74.16%          | 18.237%       |
| 8         | 5.062       | 1152          | 1173        | 1197         | rBV      | 152248         | 368796        | 10.87%          | 2.674%        |
| 9         | 5.721       | 1358          | 1378        | 1407         | rBV2     | 287181         | 767899        | 22.64%          | 5.567%        |
| 10        | 6.245       | 1526          | 1541        | 1561         | rBV      | 332482         | 648895        | 19.13%          | 4.704%        |
| 11        | 6.537       | 1617          | 1632        | 1667         | rBV      | 1764159        | 3392273       | 100.00%         | 24.592%       |
| 12        | 6.689       | 1667          | 1679        | 1700         | rVB2     | 187443         | 373211        | 11.00%          | 2.706%        |
| 13        | 7.563       | 1940          | 1951        | 1969         | rBV      | 90655          | 165929        | 4.89%           | 1.203%        |
| 14        | 7.894       | 2042          | 2054        | 2070         | rBV      | 321513         | 565072        | 16.66%          | 4.096%        |
| 15        | 7.968       | 2070          | 2077        | 2090         | rVB2     | 23526          | 42625         | 1.26%           | 0.309%        |
| 16        | 8.177       | 2132          | 2142        | 2157         | rBV      | 57890          | 100075        | 2.95%           | 0.725%        |
| 17        | 8.550       | 2243          | 2258        | 2272         | rBV2     | 483576         | 823908        | 24.29%          | 5.973%        |
| 18        | 8.631       | 2273          | 2283        | 2316         | rVB      | 499371         | 956585        | 28.20%          | 6.935%        |
| 19        | 9.415       | 2514          | 2527        | 2556         | rBV      | 473158         | 794199        | 23.41%          | 5.758%        |
| 20        | 10.753      | 2932          | 2943        | 2958         | rBV      | 155456         | 250221        | 7.38%           | 1.814%        |
| 21        | 11.811      | 3259          | 3272        | 3286         | rBV      | 451174         | 729970        | 21.52%          | 5.292%        |
| 22        | 12.190      | 3378          | 3390        | 3412         | rBV      | 319590         | 526890        | 15.53%          | 3.820%        |

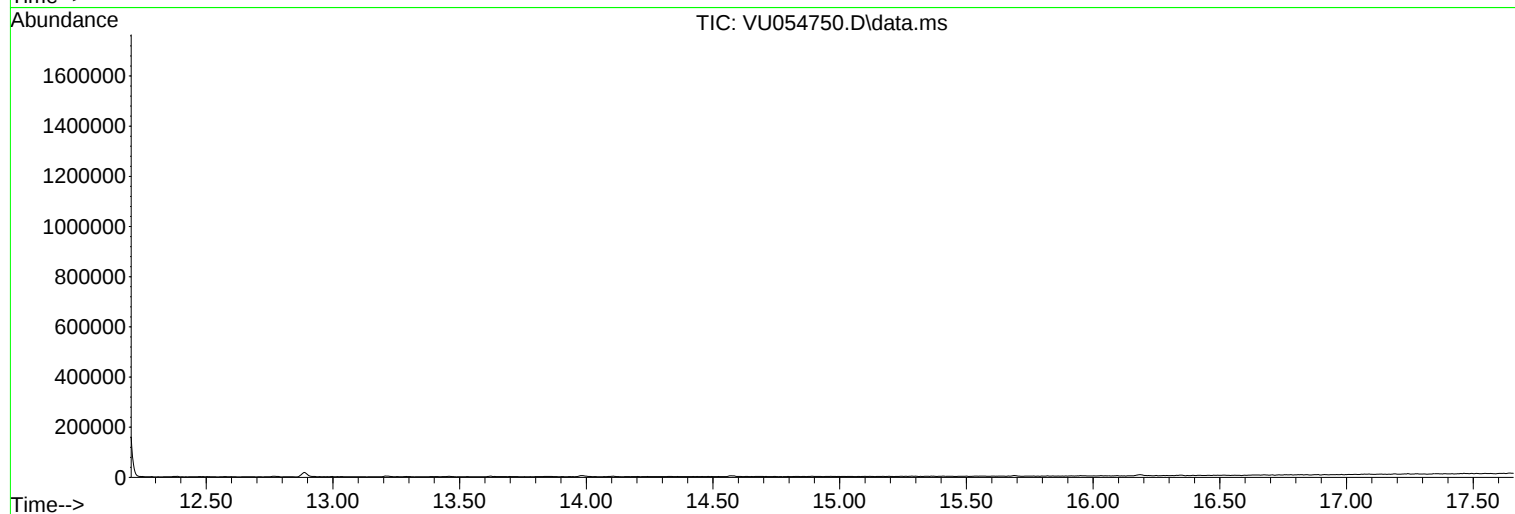
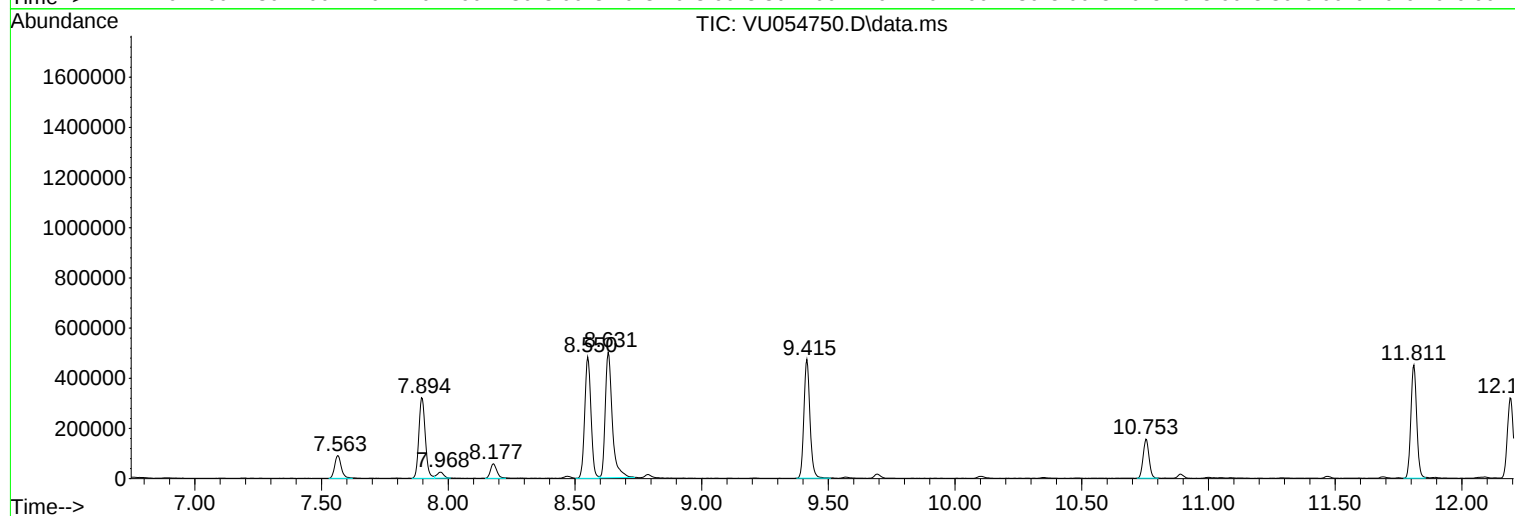
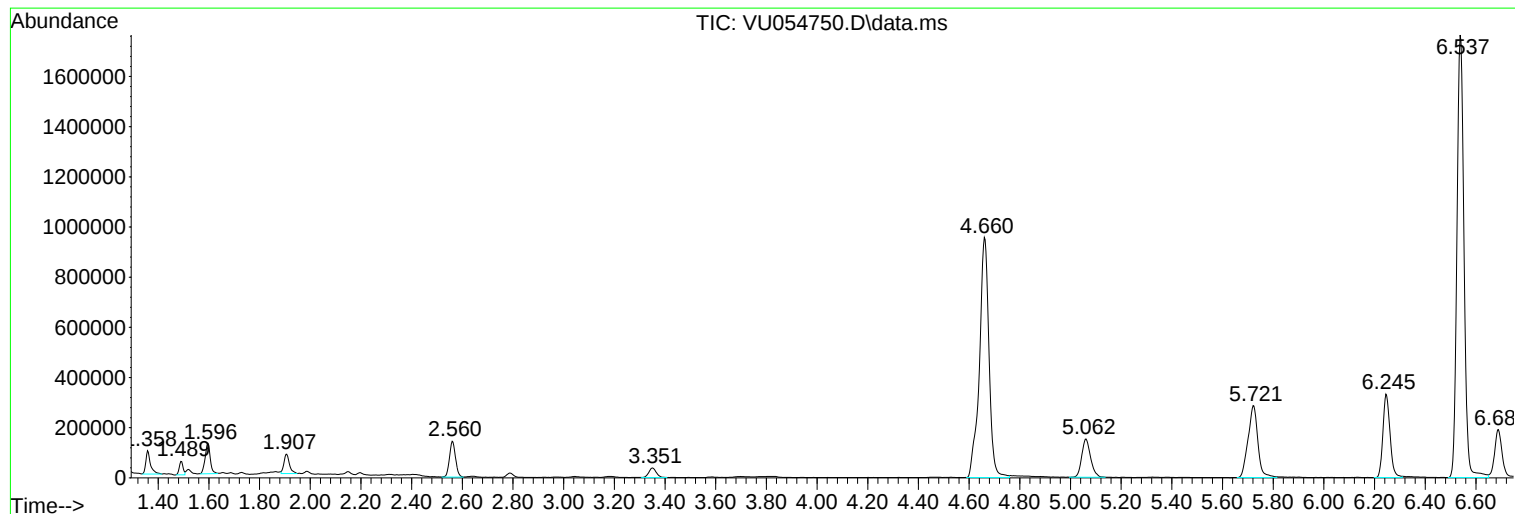
Sum of corrected areas: 13794117

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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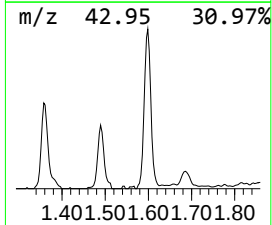
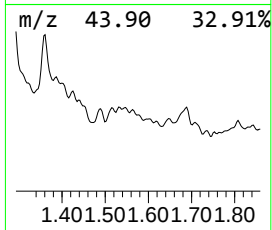
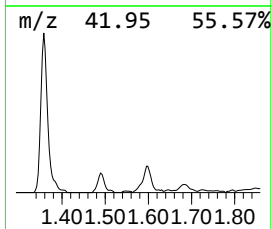
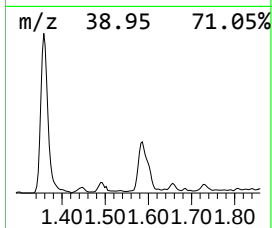
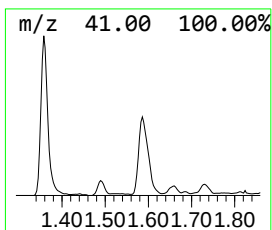
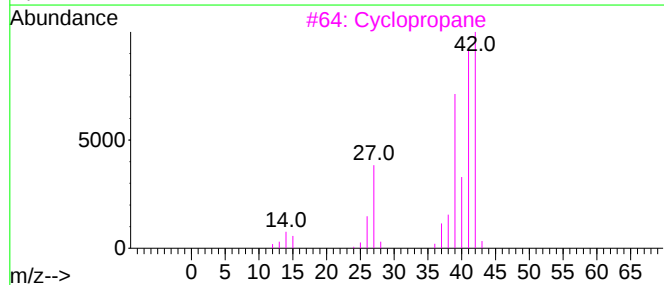
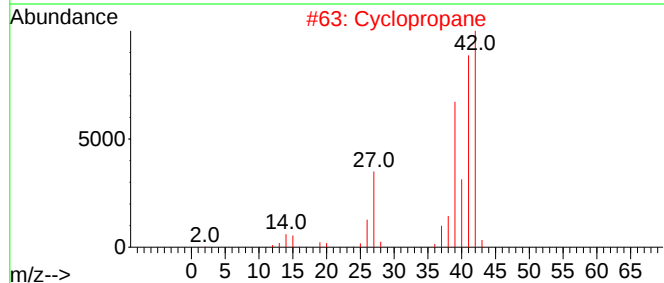
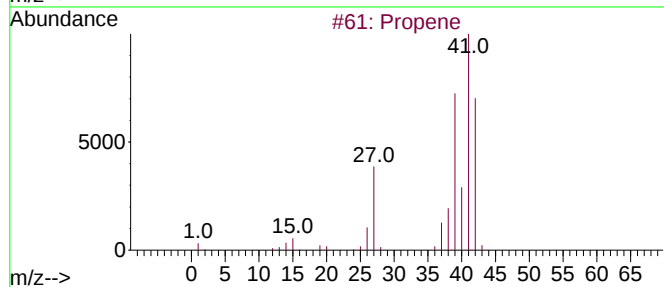
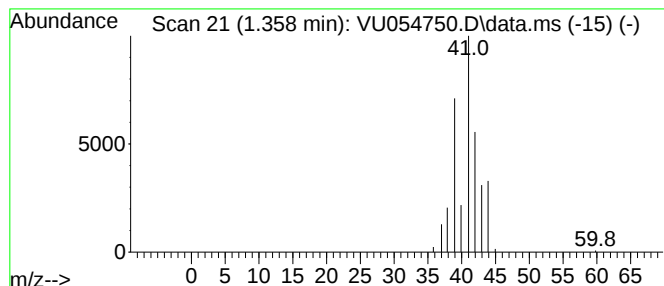
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 1.358 | 0.91 ug/L | 117996 | 1,4-Difluorobenzene | 6.245 |

| Hit# | of | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------|----|---------|-------------|------|
| 1    |    |   | Propene      | 42 | C3H6    | 000115-07-1 | 86   |
| 2    |    |   | Cyclopropane | 42 | C3H6    | 000075-19-4 | 38   |
| 3    |    |   | Cyclopropane | 42 | C3H6    | 000075-19-4 | 37   |
| 4    |    |   | Cyclopropene | 40 | C3H4    | 002781-85-3 | 32   |
| 5    |    |   | Propene      | 42 | C3H6    | 000115-07-1 | 16   |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: S... | 1.358 | 0.9     | ug/L  | 117996   | 1                     | 6.245 | 648895 | 5.0  |