

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101520\  
 Data File : VU040735.D  
 Acq On : 15 Oct 2020 20:56  
 Operator : SY/MD  
 Sample : L4354-08  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETZ18

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\_U\METHOD\SOMUTR100820WMA.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         | 1.363       | 3             | 7           | 24           | rVB      | 680618         | 654498        | 13.31%          | 6.432%        |
| 2         | 1.495       | 37            | 48          | 74           | rBV3     | 88093          | 212618        | 4.32%           | 2.090%        |
| 3         | 1.607       | 75            | 83          | 95           | rVB2     | 545655         | 624744        | 12.70%          | 6.140%        |
| 4         | 1.919       | 174           | 180         | 193          | rVB      | 54040          | 69932         | 1.42%           | 0.687%        |
| 5         | 2.578       | 373           | 385         | 405          | rBV2     | 102590         | 178528        | 3.63%           | 1.755%        |
| 6         | 4.688       | 1015          | 1041        | 1073         | rBV      | 2125137        | 4918597       | 100.00%         | 48.339%       |
| 7         | 5.083       | 1148          | 1164        | 1182         | rVB2     | 95564          | 206898        | 4.21%           | 2.033%        |
| 8         | 5.742       | 1346          | 1369        | 1392         | rBV2     | 180126         | 477958        | 9.72%           | 4.697%        |
| 9         | 6.263       | 1516          | 1531        | 1550         | rBV      | 150047         | 283201        | 5.76%           | 2.783%        |
| 10        | 6.704       | 1654          | 1668        | 1685         | rBV3     | 120501         | 231499        | 4.71%           | 2.275%        |
| 11        | 7.575       | 1926          | 1939        | 1954         | rBV2     | 55518          | 95725         | 1.95%           | 0.941%        |
| 12        | 7.906       | 2026          | 2042        | 2059         | rBV      | 192551         | 330210        | 6.71%           | 3.245%        |
| 13        | 8.186       | 2115          | 2129        | 2145         | rBV      | 36995          | 63122         | 1.28%           | 0.620%        |
| 14        | 8.642       | 2258          | 2271        | 2305         | rBV      | 336587         | 635410        | 12.92%          | 6.245%        |
| 15        | 9.420       | 2500          | 2513        | 2531         | rBV      | 226375         | 373310        | 7.59%           | 3.669%        |
| 16        | 10.755      | 2912          | 2928        | 2943         | rBV      | 103982         | 163086        | 3.32%           | 1.603%        |
| 17        | 11.809      | 3244          | 3256        | 3270         | rBV      | 196870         | 318111        | 6.47%           | 3.126%        |
| 18        | 12.189      | 3360          | 3374        | 3389         | rBV      | 211140         | 337769        | 6.87%           | 3.320%        |

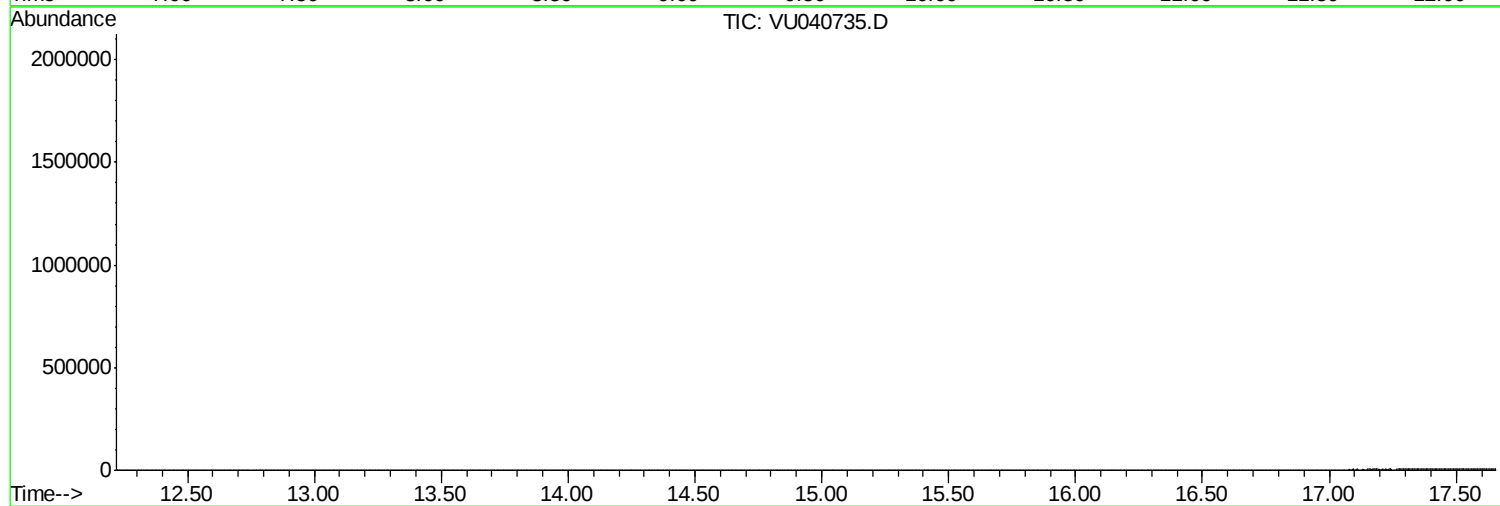
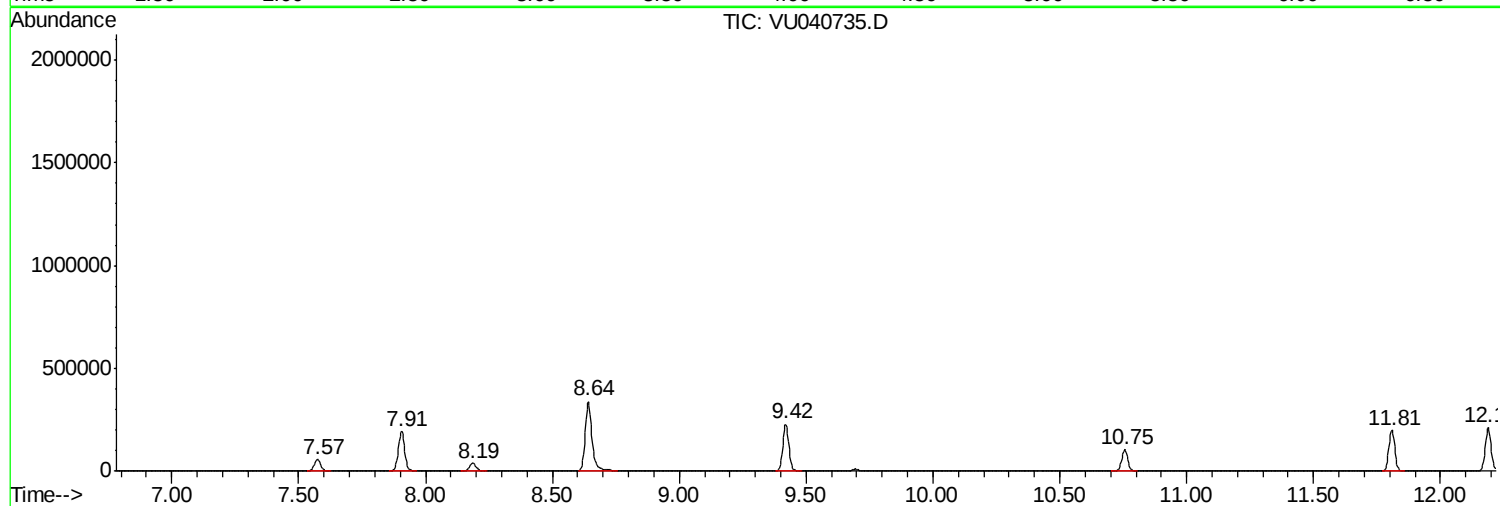
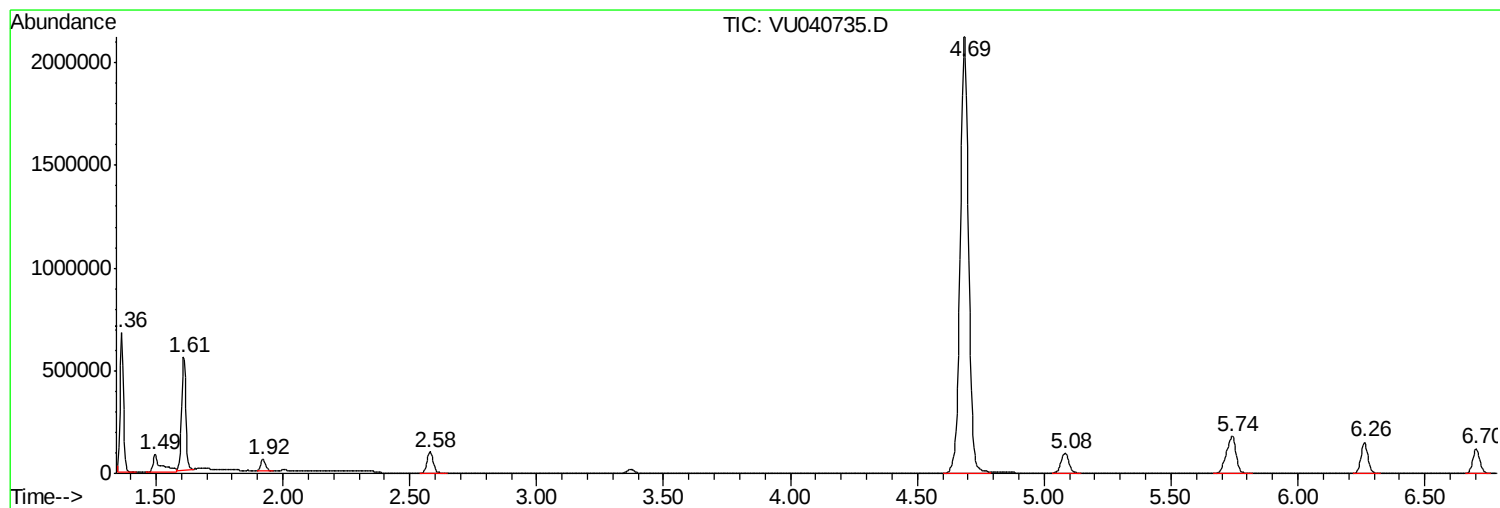
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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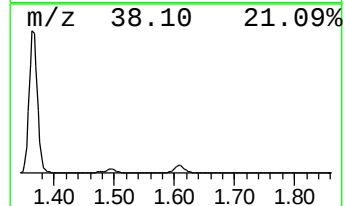
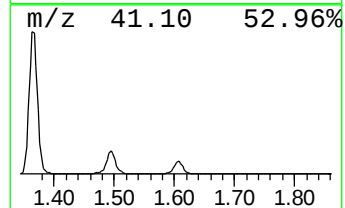
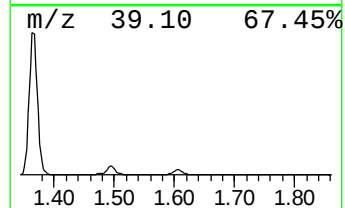
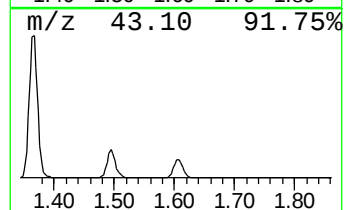
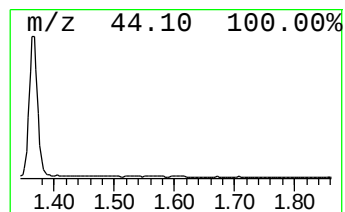
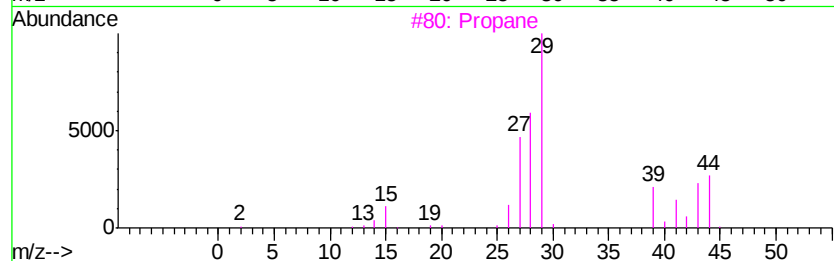
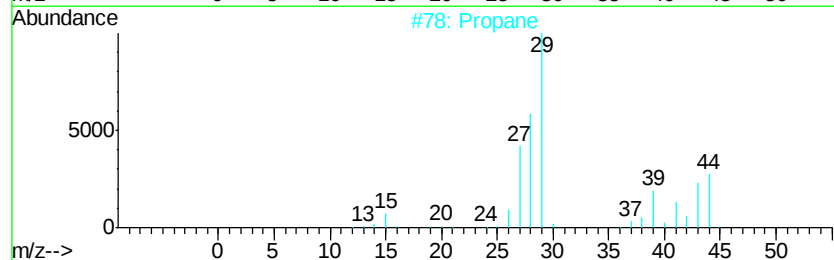
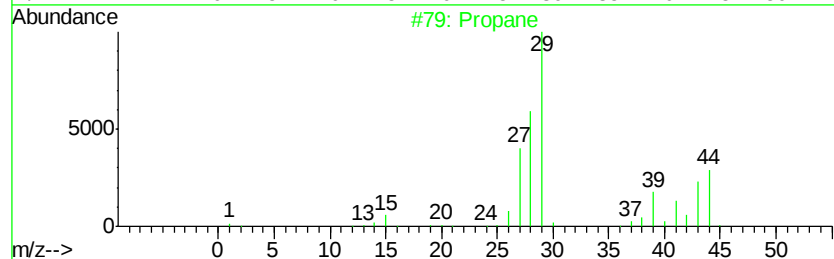
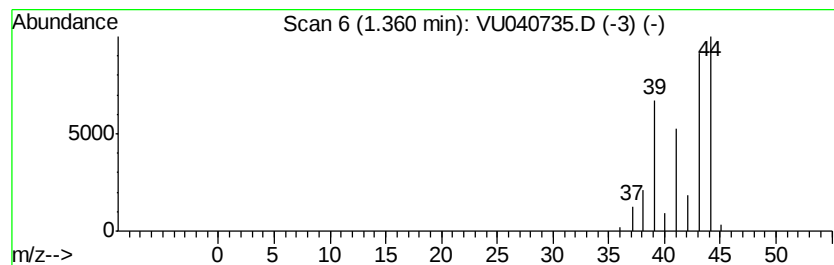
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc    | Area   | Relative to ISTD    | R.T. |
|------|------------|--------|---------------------|------|
| 1.36 | 11.56 ug/L | 654498 | 1,4-Difluorobenzene | 6.26 |

| Hit# | of           | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|--------------|---|--------------|----|---------|-------------|------|
| 1    | Propane      |   |              | 44 | C3H8    | 000074-98-6 | 83   |
| 2    | Propane      |   |              | 44 | C3H8    | 000074-98-6 | 83   |
| 3    | Propane      |   |              | 44 | C3H8    | 000074-98-6 | 9    |
| 4    | Propene      |   |              | 42 | C3H6    | 000115-07-1 | 9    |
| 5    | Acetaldehyde |   |              | 44 | C2H4O   | 000075-07-0 | 5    |



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Quant Title : TRACE VOA SOM01.0

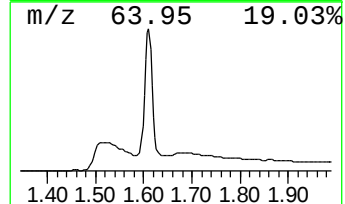
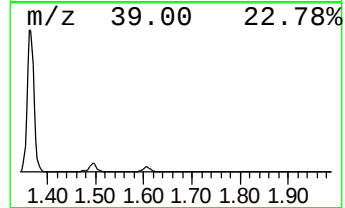
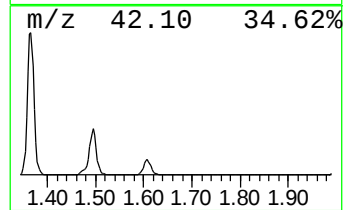
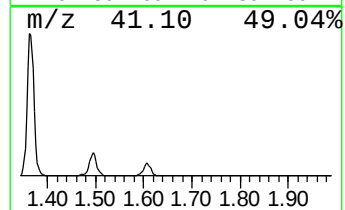
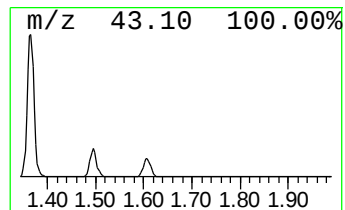
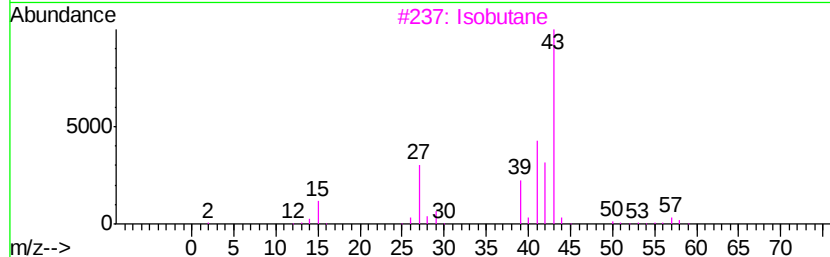
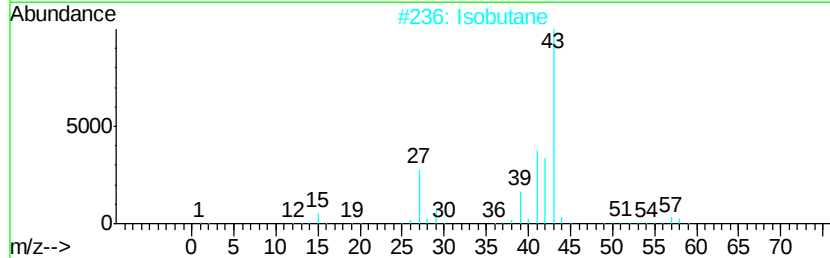
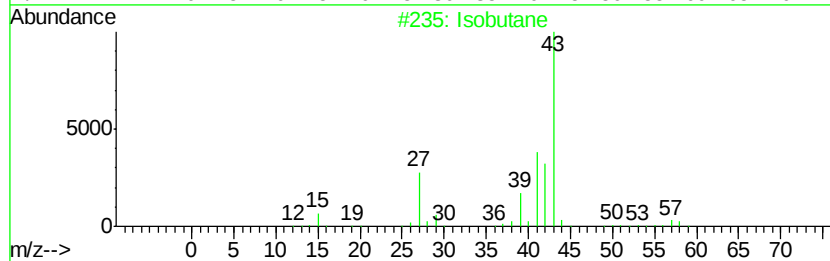
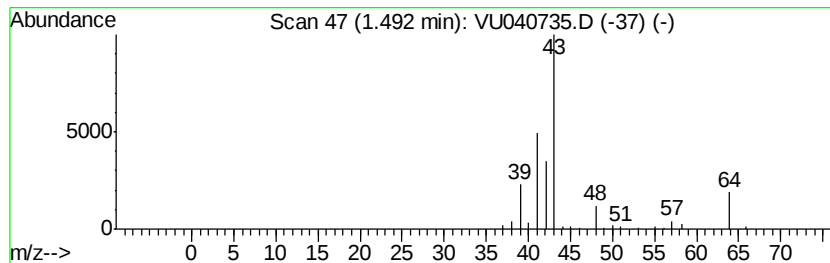
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TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 1.49 | 3.75 ug/L | 212618 | 1,4-Difluorobenzene | 6.26 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------|-----|---------|-------------|------|
| 1    |    |   | Isobutane        | 58  | C4H10   | 000075-28-5 | 43   |
| 2    |    |   | Isobutane        | 58  | C4H10   | 000075-28-5 | 43   |
| 3    |    |   | Isobutane        | 58  | C4H10   | 000075-28-5 | 37   |
| 4    |    |   | Isobutane        | 58  | C4H10   | 000075-28-5 | 32   |
| 5    |    |   | Isobutyl nitrite | 103 | C4H9NO2 | 000542-56-3 | 9    |



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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: Str... | 1.36 | 11.6    | ug/L  | 654498   | 1                     | 6.26 | 283201 | 5.0  |
| (DEL) Alkane: Str... | 1.49 | 3.8     | ug/L  | 212618   | 1                     | 6.26 | 283201 | 5.0  |