

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032423\  
 Data File : VU053410.D  
 Acq On : 24 Mar 2023 23:13  
 Operator : JC/MD  
 Sample : 02092-06  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 CB970

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\SFAMUTR032423WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU053410.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         | 1.597       | 71            | 80          | 92           | rBV      | 66827          | 78536         | 15.30%          | 1.761%        |
| 2         | 1.912       | 169           | 178         | 191          | rBV      | 59963          | 81529         | 15.88%          | 1.828%        |
| 3         | 2.565       | 369           | 381         | 395          | rBV      | 107556         | 173519        | 33.80%          | 3.892%        |
| 4         | 3.134       | 542           | 558         | 573          | rBV      | 63153          | 126377        | 24.62%          | 2.834%        |
| 5         | 4.636       | 1011          | 1025        | 1052         | rBV2     | 59346          | 197531        | 38.48%          | 4.430%        |
| 6         | 5.057       | 1140          | 1156        | 1188         | rVB      | 99199          | 231036        | 45.01%          | 5.181%        |
| 7         | 5.719       | 1342          | 1362        | 1386         | rBV2     | 196649         | 508236        | 99.01%          | 11.398%       |
| 8         | 6.244       | 1512          | 1525        | 1546         | rBV      | 174840         | 330403        | 64.37%          | 7.410%        |
| 9         | 6.687       | 1647          | 1663        | 1683         | rBV      | 119582         | 234467        | 45.68%          | 5.258%        |
| 10        | 7.562       | 1923          | 1935        | 1957         | rBV      | 58473          | 101575        | 19.79%          | 2.278%        |
| 11        | 7.893       | 2023          | 2038        | 2055         | rBV      | 249348         | 431840        | 84.13%          | 9.685%        |
| 12        | 8.176       | 2115          | 2126        | 2141         | rBV2     | 34992          | 58981         | 11.49%          | 1.323%        |
| 13        | 8.629       | 2256          | 2267        | 2304         | rBV2     | 249676         | 513310        | 100.00%         | 11.512%       |
| 14        | 8.784       | 2307          | 2315        | 2339         | rVB2     | 18196          | 33709         | 6.57%           | 0.756%        |
| 15        | 9.414       | 2498          | 2511        | 2528         | rBV      | 241051         | 405431        | 78.98%          | 9.093%        |
| 16        | 10.751      | 2912          | 2927        | 2945         | rBV2     | 98843          | 155459        | 30.29%          | 3.486%        |
| 17        | 11.687      | 3211          | 3218        | 3225         | rBV5     | 5286           | 7219          | 1.41%           | 0.162%        |
| 18        | 11.806      | 3244          | 3255        | 3274         | rBV      | 252240         | 402705        | 78.45%          | 9.031%        |
| 19        | 12.189      | 3359          | 3374        | 3392         | rBV      | 227400         | 371301        | 72.33%          | 8.327%        |
| 20        | 12.883      | 3579          | 3590        | 3606         | rBV5     | 9740           | 15743         | 3.07%           | 0.353%        |

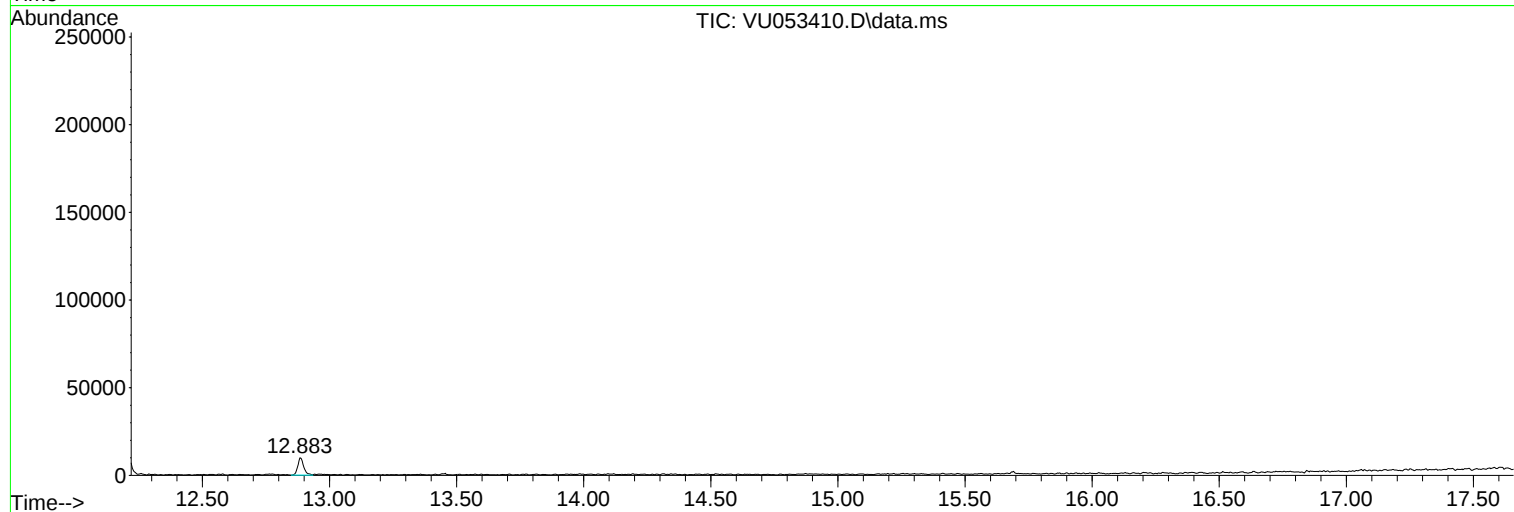
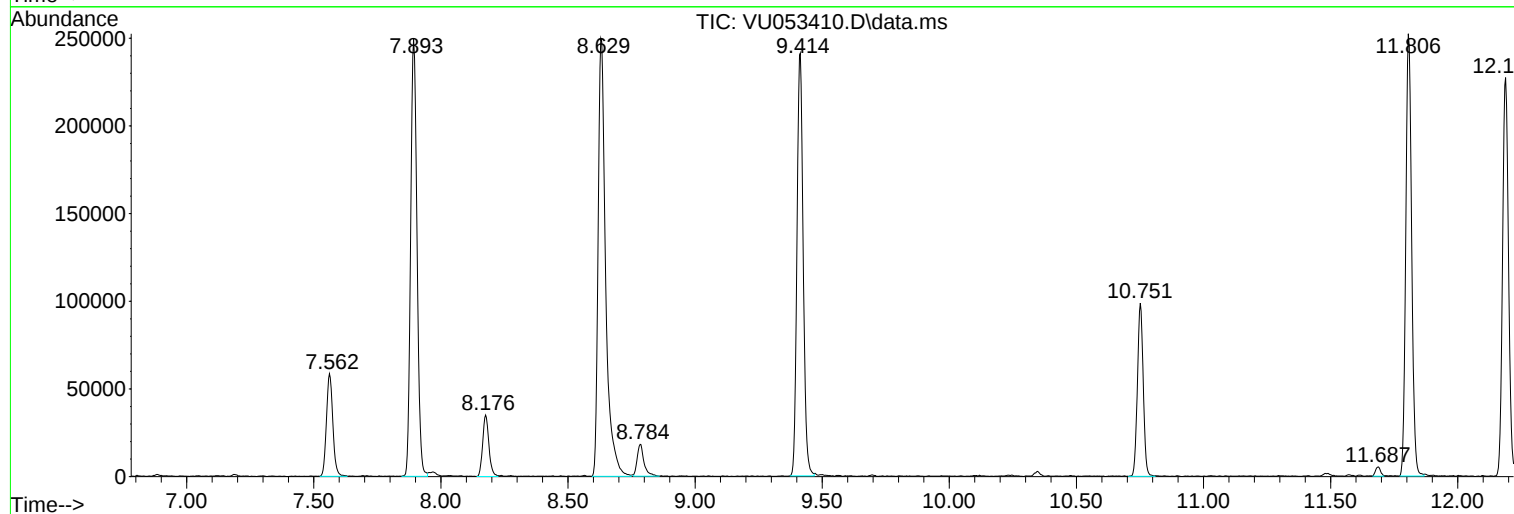
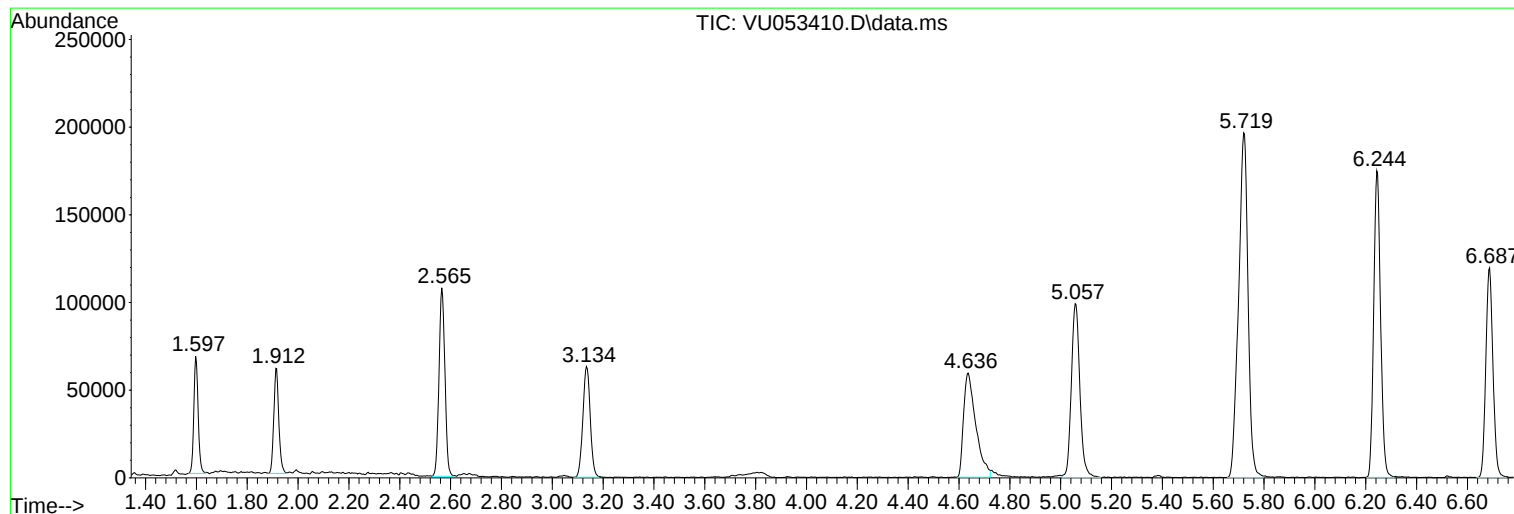
Sum of corrected areas: 4458907

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032423\  
Data File : VU053410.D  
Acq On : 24 Mar 2023 23:13  
Operator : JC/MD  
Sample : 02092-06  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
CB970

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR032423WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032423\  
Data File : VU053410.D  
Acq On : 24 Mar 2023 23:13  
Operator : JC/MD  
Sample : 02092-06  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
CB970

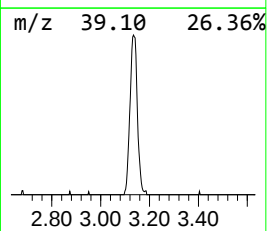
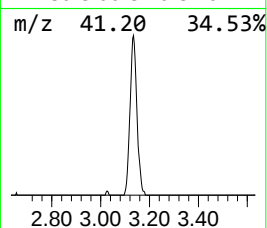
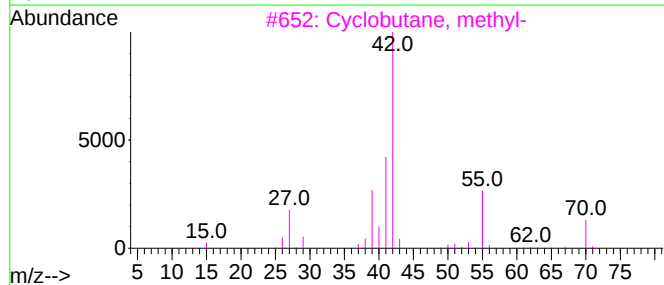
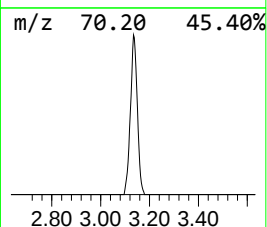
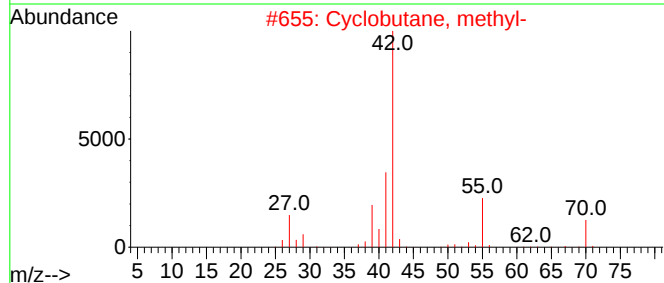
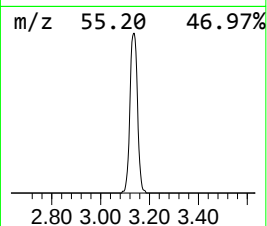
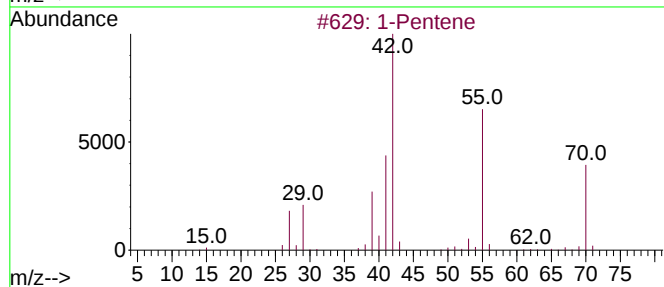
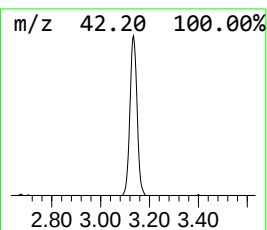
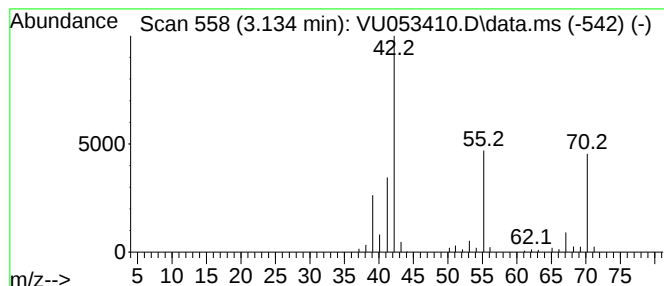
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR032423WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 3.134 | 1.91 ug/L | 126377 | 1,4-Difluorobenzene | 6.247 |

| Hit# | of | 5 | Tentative ID         | MW | MolForm | CAS#        | Qual |
|------|----|---|----------------------|----|---------|-------------|------|
| 1    |    |   | 1-Pentene            | 70 | C5H10   | 000109-67-1 | 80   |
| 2    |    |   | Cyclobutane, methyl- | 70 | C5H10   | 000598-61-8 | 80   |
| 3    |    |   | Cyclobutane, methyl- | 70 | C5H10   | 000598-61-8 | 80   |
| 4    |    |   | Cyclopentane         | 70 | C5H10   | 000287-92-3 | 78   |
| 5    |    |   | Cyclopentane         | 70 | C5H10   | 000287-92-3 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032423\  
Data File : VU053410.D  
Acq On : 24 Mar 2023 23:13  
Operator : JC/MD  
Sample : 02092-06  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
CB970

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR032423WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: S... | 3.134 | 1.9     | ug/L  | 126377   | 1                     | 6.247 | 330403 | 5.0  |