

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV032422\  
 Data File : VV025153.D  
 Acq On : 24 Mar 2022 16:33  
 Operator : SY/MD  
 Sample : N2083-13  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW611

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\SFAMVTR031522WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV025153.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         | 1.217       | 48            | 55          | 73           | rVV      | 190792         | 169477        | 28.10%          | 3.455%        |
| 2         | 1.307       | 73            | 83          | 97           | rVB      | 113171         | 130324        | 21.61%          | 2.657%        |
| 3         | 1.568       | 155           | 164         | 176          | rBV      | 82450          | 94177         | 15.62%          | 1.920%        |
| 4         | 2.108       | 322           | 332         | 347          | rBV      | 166205         | 240298        | 39.85%          | 4.899%        |
| 5         | 2.506       | 448           | 456         | 470          | rVB      | 4346           | 7067          | 1.17%           | 0.144%        |
| 6         | 3.889       | 876           | 886         | 923          | rBV      | 49119          | 160291        | 26.58%          | 3.268%        |
| 7         | 4.346       | 1011          | 1028        | 1058         | rBV      | 104113         | 269579        | 44.70%          | 5.496%        |
| 8         | 5.043       | 1229          | 1245        | 1276         | rBV2     | 242271         | 603061        | 100.00%         | 12.296%       |
| 9         | 5.612       | 1410          | 1422        | 1453         | rBV      | 169810         | 346785        | 57.50%          | 7.071%        |
| 10        | 5.908       | 1504          | 1514        | 1531         | rVB5     | 4384           | 9651          | 1.60%           | 0.197%        |
| 11        | 6.066       | 1548          | 1563        | 1592         | rBV      | 130729         | 270298        | 44.82%          | 5.511%        |
| 12        | 6.985       | 1838          | 1849        | 1880         | rBV      | 56386          | 109280        | 18.12%          | 2.228%        |
| 13        | 7.310       | 1939          | 1950        | 1967         | rBV      | 299868         | 527259        | 87.43%          | 10.750%       |
| 14        | 7.391       | 1968          | 1975        | 2003         | rVB      | 13993          | 30343         | 5.03%           | 0.619%        |
| 15        | 7.622       | 2038          | 2047        | 2069         | rBV      | 31900          | 56513         | 9.37%           | 1.152%        |
| 16        | 7.934       | 2134          | 2144        | 2154         | rBV3     | 11196          | 20098         | 3.33%           | 0.410%        |
| 17        | 8.085       | 2181          | 2191        | 2230         | rBV      | 199421         | 396168        | 65.69%          | 8.077%        |
| 18        | 8.850       | 2418          | 2429        | 2455         | rBV      | 253991         | 417908        | 69.30%          | 8.521%        |
| 19        | 10.214      | 2842          | 2853        | 2867         | rBV2     | 79783          | 125897        | 20.88%          | 2.567%        |
| 20        | 10.381      | 2892          | 2905        | 2917         | rBV      | 38045          | 62070         | 10.29%          | 1.266%        |
| 21        | 11.246      | 3163          | 3174        | 3196         | rBV      | 260048         | 400284        | 66.38%          | 8.161%        |
| 22        | 11.622      | 3279          | 3291        | 3312         | rBV      | 257971         | 409422        | 67.89%          | 8.348%        |
| 23        | 12.249      | 3474          | 3486        | 3497         | rVB2     | 15905          | 25672         | 4.26%           | 0.523%        |
| 24        | 12.342      | 3507          | 3515        | 3528         | rVB6     | 8536           | 13351         | 2.21%           | 0.272%        |
| 25        | 14.037      | 4032          | 4042        | 4052         | rBV      | 6036           | 9344          | 1.55%           | 0.191%        |

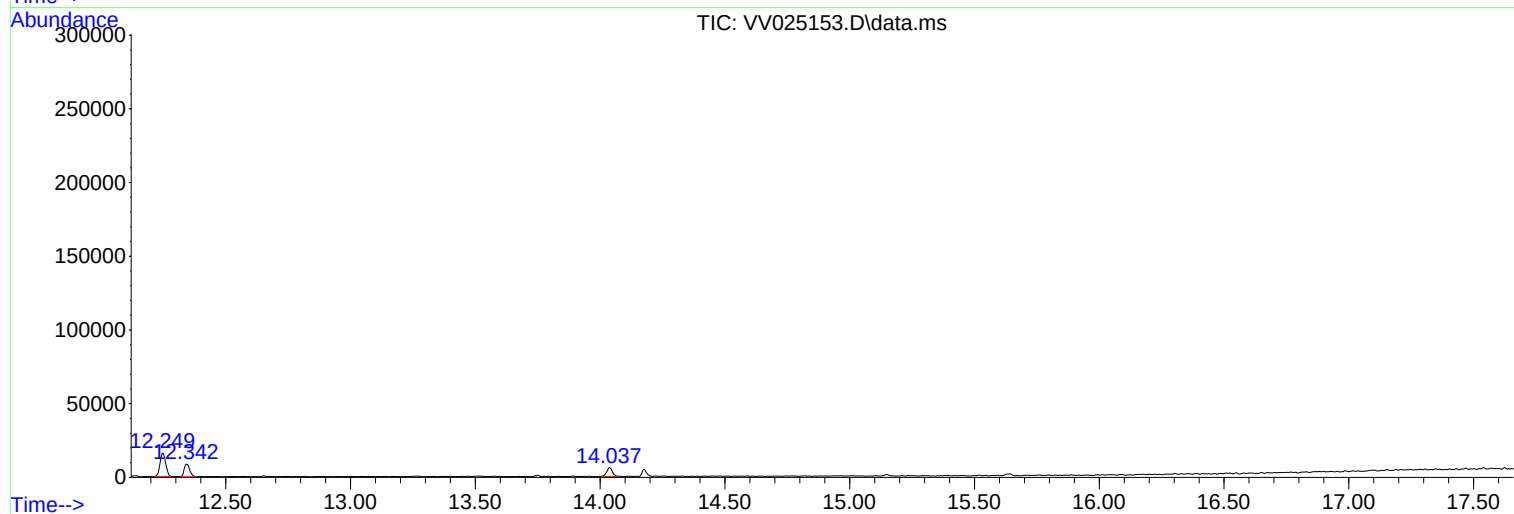
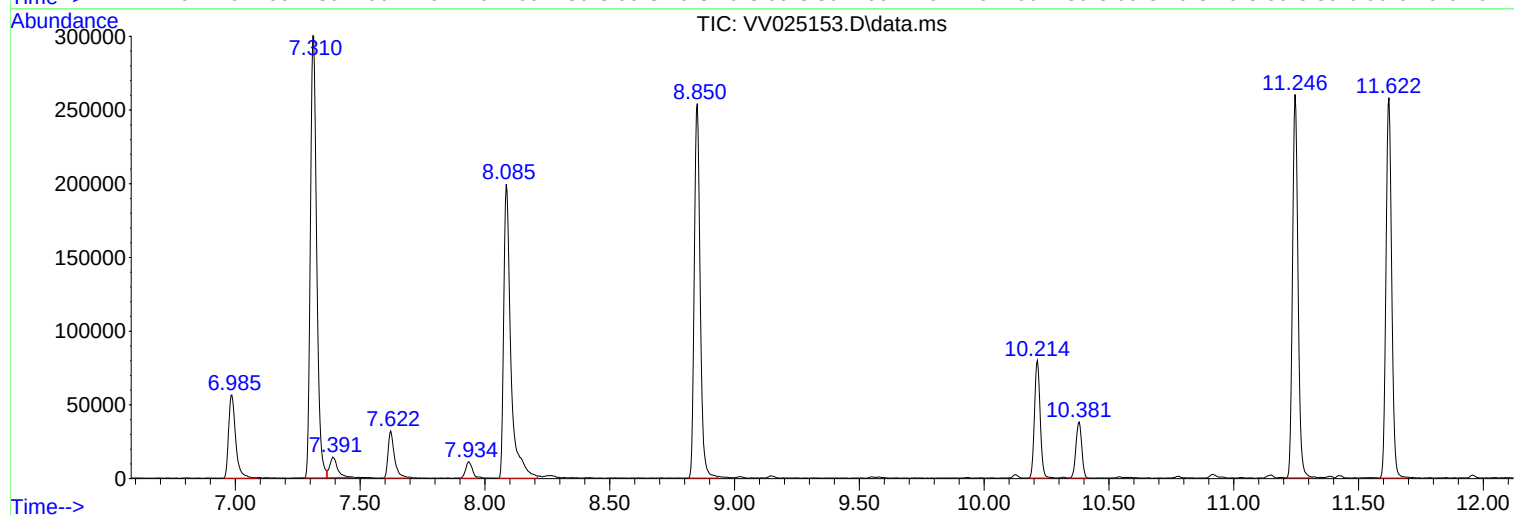
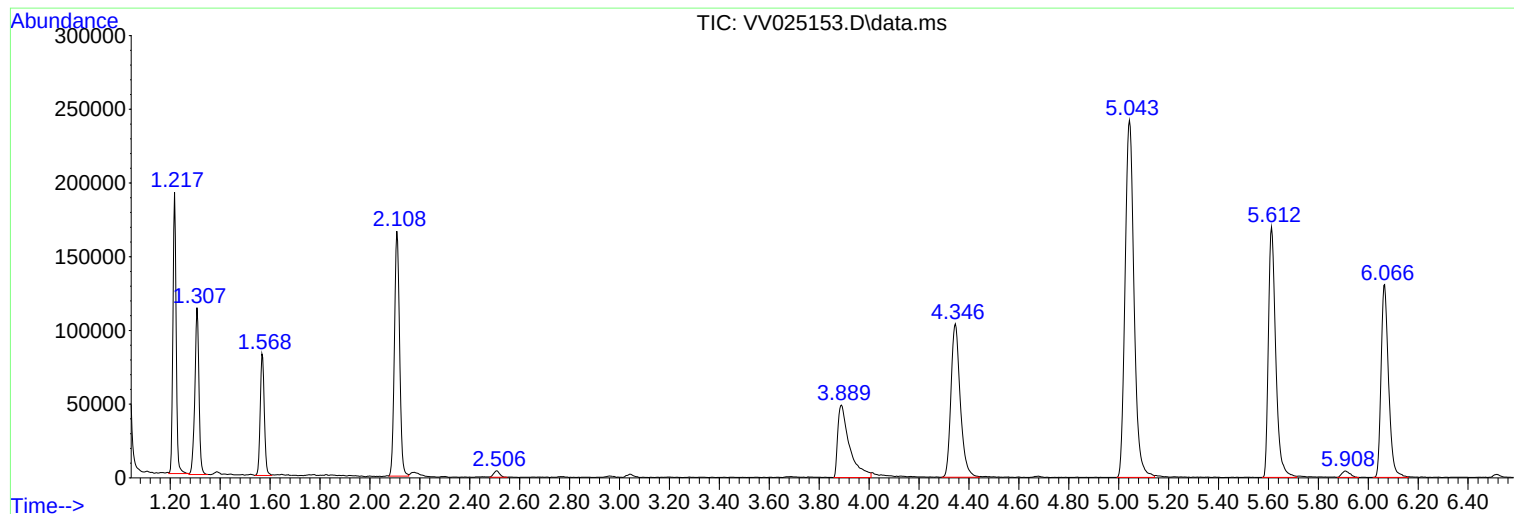
Sum of corrected areas: 4904617

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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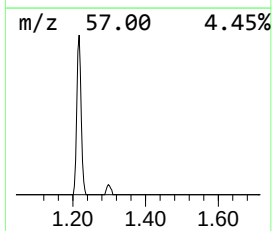
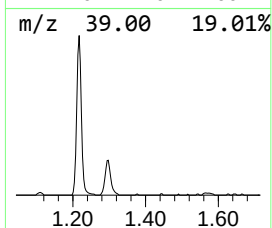
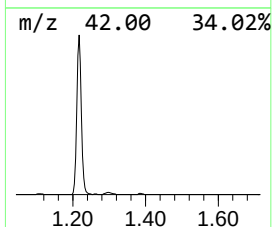
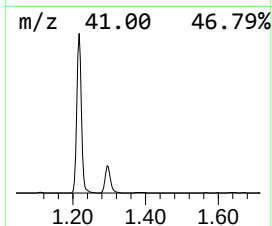
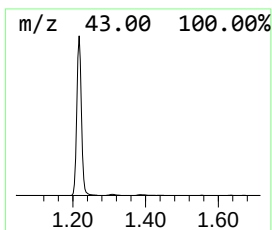
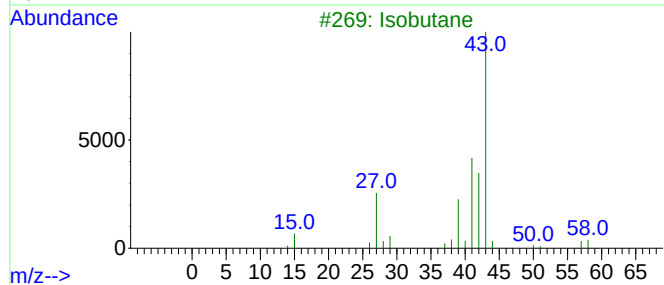
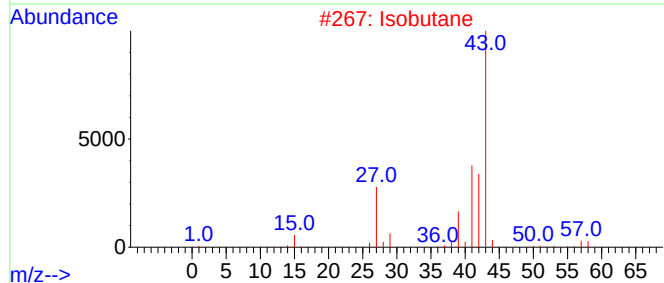
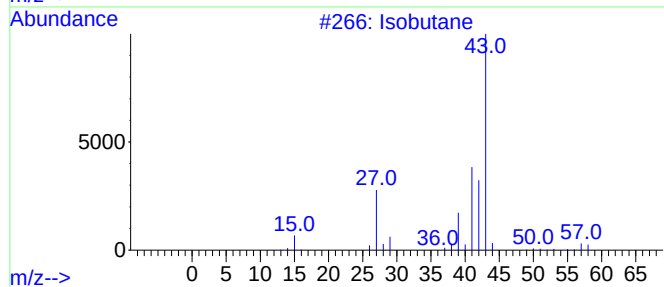
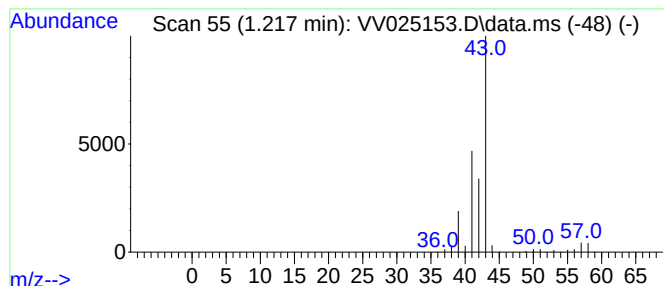
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
Quant Title : TRACE VOA SFAM1.0

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.  |
|-------|-----------|--------|---------------------|-------|
| 1.217 | 2.44 ug/L | 169477 | 1,4-Difluorobenzene | 5.612 |

| Hit# | of 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|------|--------------|----|---------|-------------|------|
| 1    |      | Isobutane    | 58 | C4H10   | 000075-28-5 | 80   |
| 2    |      | Isobutane    | 58 | C4H10   | 000075-28-5 | 72   |
| 3    |      | Isobutane    | 58 | C4H10   | 000075-28-5 | 64   |
| 4    |      | Isobutane    | 58 | C4H10   | 000075-28-5 | 64   |
| 5    |      | Isobutane    | 58 | C4H10   | 000075-28-5 | 64   |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: S... | 1.217 | 2.4     | ug/L  | 169477   | 1                     | 5.612 | 346785 | 5.0  |