

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV021822\  
 Data File : VV024748.D  
 Acq On : 18 Feb 2022 13:08  
 Operator : SY/MD  
 Sample : N1510-10  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4M35

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\SFAMVTR021722WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV024748.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         | 1.307       | 76            | 83          | 94           | rVB      | 105063         | 101894        | 18.16%          | 1.812%        |
| 2         | 1.568       | 156           | 164         | 176          | rBV      | 84524          | 94167         | 16.78%          | 1.675%        |
| 3         | 2.108       | 320           | 332         | 346          | rBV      | 164275         | 236928        | 42.23%          | 4.214%        |
| 4         | 2.770       | 523           | 538         | 553          | rBV2     | 5953           | 12061         | 2.15%           | 0.215%        |
| 5         | 3.886       | 871           | 885         | 913          | rBV2     | 59298          | 207162        | 36.93%          | 3.685%        |
| 6         | 4.346       | 1012          | 1028        | 1058         | rBV      | 95722          | 241002        | 42.96%          | 4.287%        |
| 7         | 5.043       | 1229          | 1245        | 1274         | rBV2     | 226320         | 561020        | 100.00%         | 9.979%        |
| 8         | 5.612       | 1410          | 1422        | 1450         | rBV      | 222661         | 452232        | 80.61%          | 8.044%        |
| 9         | 5.915       | 1504          | 1516        | 1539         | rVB6     | 20609          | 46595         | 8.31%           | 0.829%        |
| 10        | 6.066       | 1550          | 1563        | 1589         | rBV      | 129077         | 258529        | 46.08%          | 4.599%        |
| 11        | 6.985       | 1837          | 1849        | 1872         | rBV      | 56288          | 106056        | 18.90%          | 1.887%        |
| 12        | 7.313       | 1937          | 1951        | 1971         | rBV      | 284774         | 491656        | 87.64%          | 8.746%        |
| 13        | 7.622       | 2038          | 2047        | 2070         | rBV      | 31741          | 57633         | 10.27%          | 1.025%        |
| 14        | 7.972       | 2137          | 2156        | 2177         | rBV      | 160023         | 272366        | 48.55%          | 4.845%        |
| 15        | 8.085       | 2181          | 2191        | 2231         | rBV      | 225125         | 434026        | 77.36%          | 7.720%        |
| 16        | 8.242       | 2231          | 2240        | 2253         | rBV2     | 19763          | 34318         | 6.12%           | 0.610%        |
| 17        | 8.850       | 2418          | 2429        | 2452         | rBV      | 334626         | 541135        | 96.46%          | 9.626%        |
| 18        | 9.808       | 2718          | 2727        | 2743         | rBV3     | 21620          | 36223         | 6.46%           | 0.644%        |
| 19        | 10.213      | 2842          | 2853        | 2874         | rVB      | 71927          | 114165        | 20.35%          | 2.031%        |
| 20        | 11.146      | 3130          | 3143        | 3163         | rBV      | 102673         | 163601        | 29.16%          | 2.910%        |
| 21        | 11.246      | 3163          | 3174        | 3199         | rVB      | 333682         | 515441        | 91.88%          | 9.169%        |
| 22        | 11.622      | 3280          | 3291        | 3315         | rBV      | 239726         | 375275        | 66.89%          | 6.675%        |
| 23        | 12.342      | 3505          | 3515        | 3540         | rBV      | 144177         | 224387        | 40.00%          | 3.991%        |
| 24        | 13.432      | 3844          | 3854        | 3871         | rBV4     | 28133          | 43888         | 7.82%           | 0.781%        |

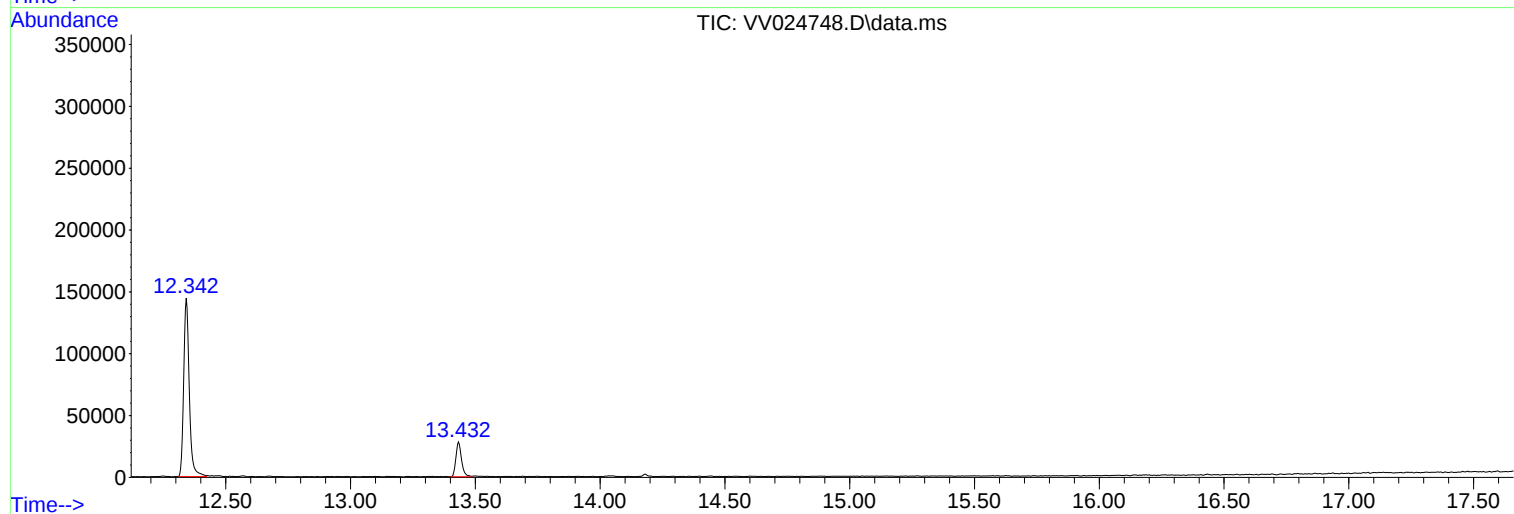
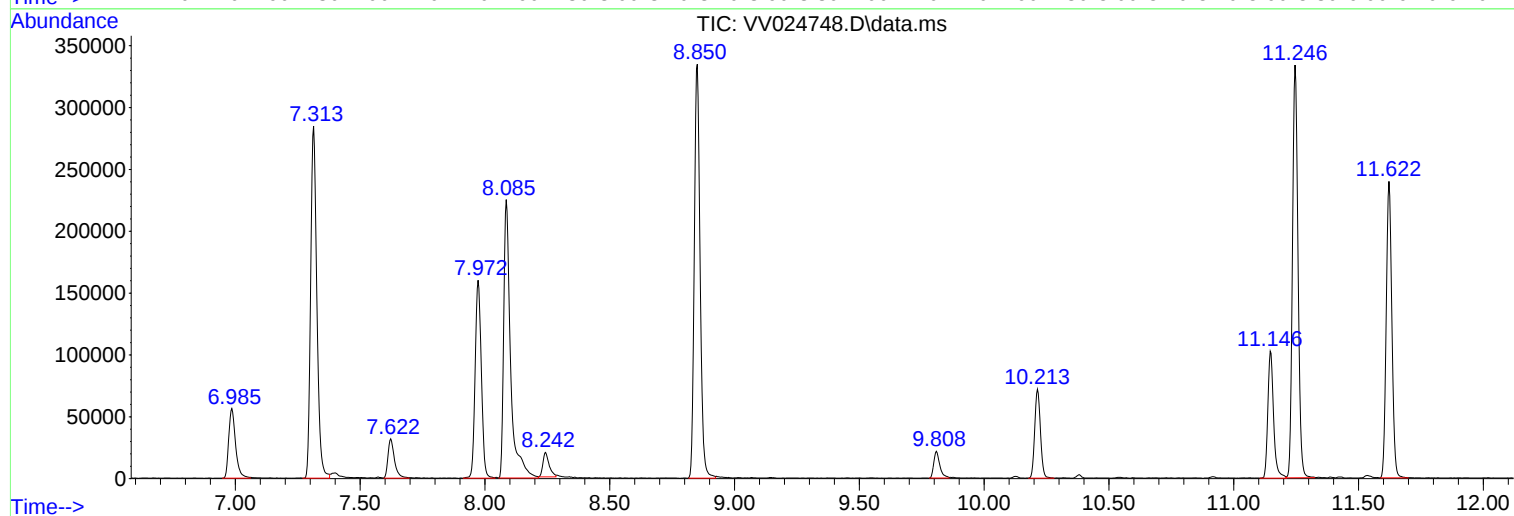
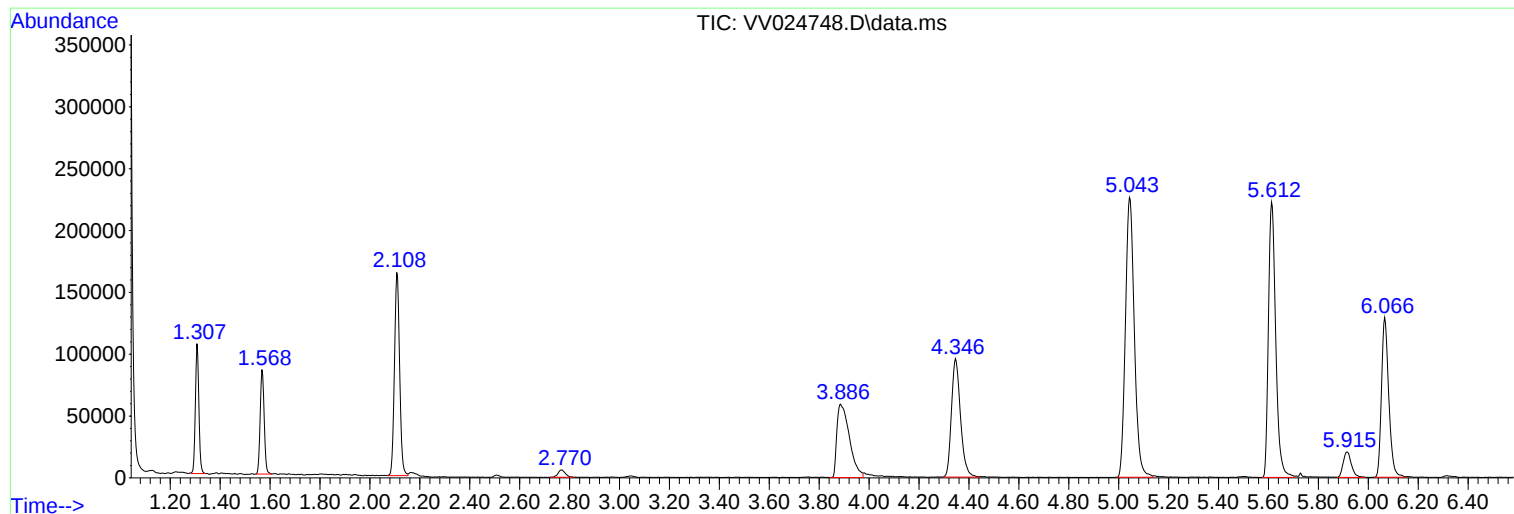
Sum of corrected areas: 5621760

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Instrument :  
MSVOA\_V  
ClientSampleId :  
F4M35

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR021722WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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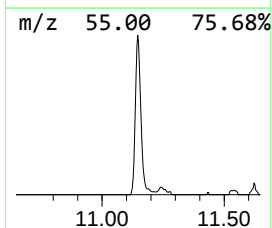
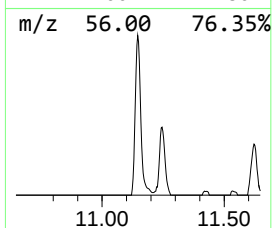
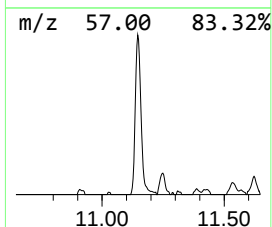
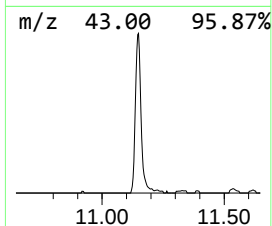
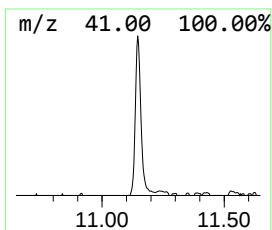
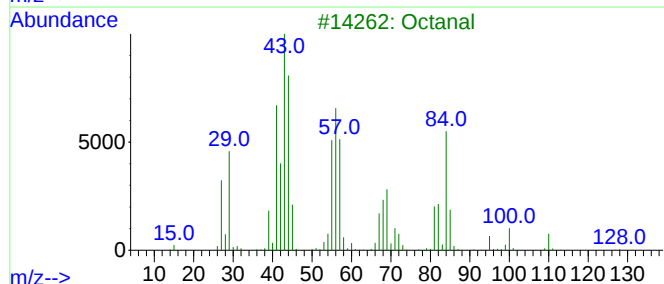
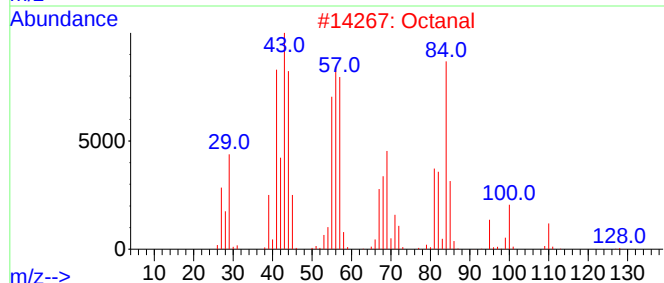
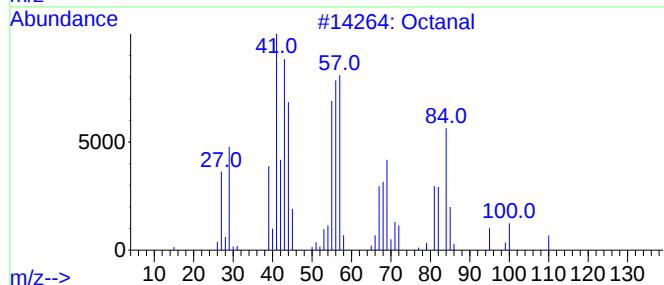
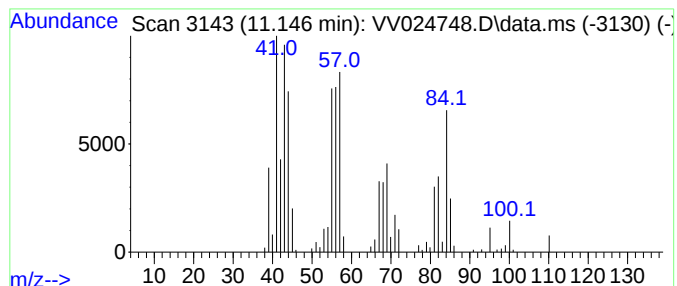
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR021722WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 2 Octanal Concentration Rank 2

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 11.146 | 1.59 ug/L | 163601 | 1,4-Dichlorobenzene-d4 | 11.246 |

| Hit# | of      | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------|---|--------------|-----|---------|-------------|------|
| 1    | Octanal |   |              | 128 | C8H16O  | 000124-13-0 | 91   |
| 2    | Octanal |   |              | 128 | C8H16O  | 000124-13-0 | 90   |
| 3    | Octanal |   |              | 128 | C8H16O  | 000124-13-0 | 90   |
| 4    | Octanal |   |              | 128 | C8H16O  | 000124-13-0 | 90   |
| 5    | Octanal |   |              | 128 | C8H16O  | 000124-13-0 | 86   |



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Instrument :  
MSVOA\_V  
ClientSampleId :  
F4M35

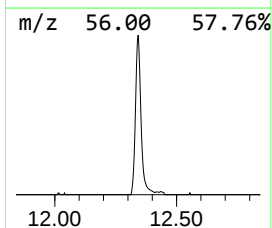
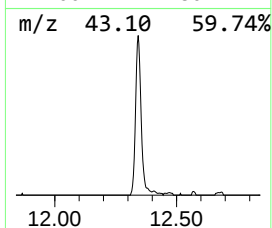
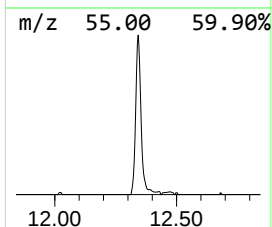
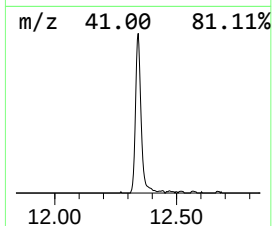
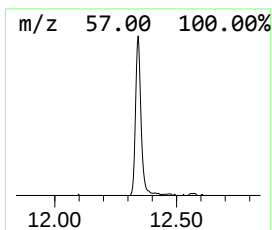
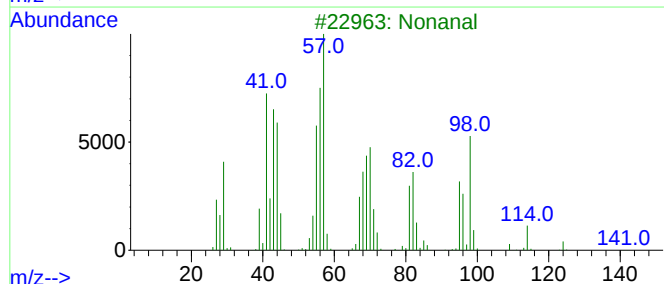
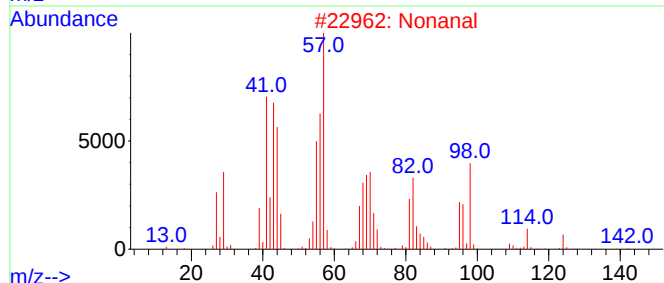
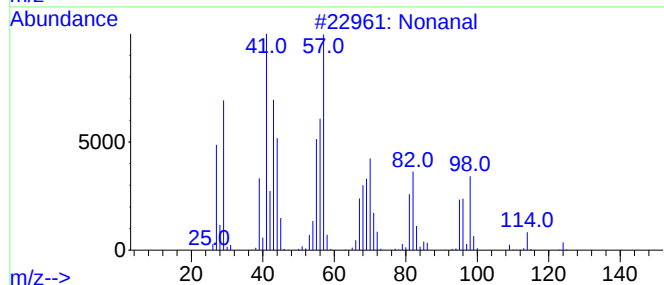
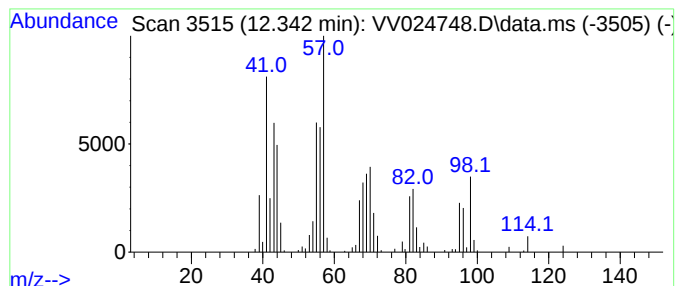
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Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 3 Nonanal Concentration Rank 1

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.342 | 2.18 ug/L | 224387 | 1,4-Dichlorobenzene-d4 | 11.246 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Nonanal              | 142 | C9H18O  | 000124-19-6 | 91   |
| 2    |    |   | Nonanal              | 142 | C9H18O  | 000124-19-6 | 91   |
| 3    |    |   | Nonanal              | 142 | C9H18O  | 000124-19-6 | 90   |
| 4    |    |   | Nonanal              | 142 | C9H18O  | 000124-19-6 | 90   |
| 5    |    |   | Cyclohexane, methyl- | 98  | C7H14   | 000108-87-2 | 46   |



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR021722WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                  |        |         |       |          | #                     | RT     | Resp   | Conc |
| Octanal          | 11.146 | 1.6     | ug/L  | 163601   | 3                     | 11.246 | 515441 | 5.0  |
| Nonanal          | 12.342 | 2.2     | ug/L  | 224387   | 3                     | 11.246 | 515441 | 5.0  |