

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV090122\  
 Data File : VV027708.D  
 Acq On : 02 Sep 2022 08:44  
 Operator : SY/MD  
 Sample : N4404-12  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBVB3

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\SFAMVTR083122WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV027708.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         | 1.311       | 73            | 84          | 104          | rBV2     | 122627         | 154628        | 3.86%           | 1.630%        |
| 2         | 1.568       | 156           | 164         | 176          | rBV      | 79998          | 91941         | 2.29%           | 0.969%        |
| 3         | 2.108       | 321           | 332         | 347          | rVB      | 169765         | 250908        | 6.26%           | 2.645%        |
| 4         | 2.761       | 526           | 535         | 558          | rVB      | 37677          | 70055         | 1.75%           | 0.738%        |
| 5         | 3.905       | 874           | 891         | 935          | rBV      | 1637064        | 4006475       | 100.00%         | 42.234%       |
| 6         | 4.346       | 1012          | 1028        | 1052         | rVB      | 114690         | 284528        | 7.10%           | 2.999%        |
| 7         | 5.047       | 1225          | 1246        | 1275         | rBV2     | 245782         | 627462        | 15.66%          | 6.614%        |
| 8         | 5.616       | 1410          | 1423        | 1451         | rBV      | 148353         | 316183        | 7.89%           | 3.333%        |
| 9         | 5.912       | 1503          | 1515        | 1538         | rBV      | 160197         | 330952        | 8.26%           | 3.489%        |
| 10        | 6.066       | 1550          | 1563        | 1583         | rBV      | 138625         | 291199        | 7.27%           | 3.070%        |
| 11        | 6.986       | 1838          | 1849        | 1875         | rBV      | 53597          | 105600        | 2.64%           | 1.113%        |
| 12        | 7.314       | 1940          | 1951        | 1969         | rBV      | 261803         | 471781        | 11.78%          | 4.973%        |
| 13        | 7.625       | 2036          | 2048        | 2070         | rBV      | 29847          | 57924         | 1.45%           | 0.611%        |
| 14        | 7.976       | 2144          | 2157        | 2173         | rBV      | 53667          | 90667         | 2.26%           | 0.956%        |
| 15        | 8.092       | 2181          | 2193        | 2212         | rBV      | 177113         | 442149        | 11.04%          | 4.661%        |
| 16        | 8.185       | 2213          | 2222        | 2239         | rVB2     | 152821         | 281642        | 7.03%           | 2.969%        |
| 17        | 8.317       | 2249          | 2263        | 2287         | rVB2     | 152266         | 294703        | 7.36%           | 3.107%        |
| 18        | 8.850       | 2417          | 2429        | 2456         | rBV      | 232941         | 396233        | 9.89%           | 4.177%        |
| 19        | 10.214      | 2842          | 2853        | 2870         | rBV      | 88689          | 145777        | 3.64%           | 1.537%        |
| 20        | 11.246      | 3161          | 3174        | 3197         | rBV      | 208384         | 348623        | 8.70%           | 3.675%        |
| 21        | 11.529      | 3253          | 3262        | 3280         | rBV3     | 30787          | 55872         | 1.39%           | 0.589%        |
| 22        | 11.622      | 3280          | 3291        | 3310         | rVV      | 230904         | 371052        | 9.26%           | 3.911%        |

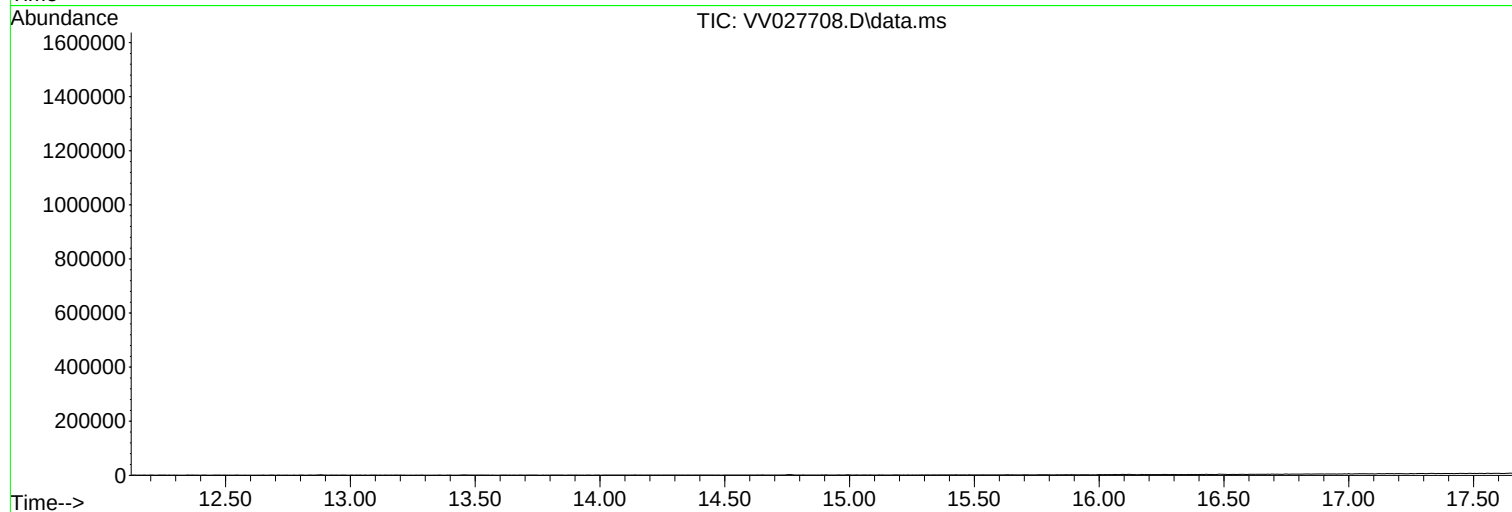
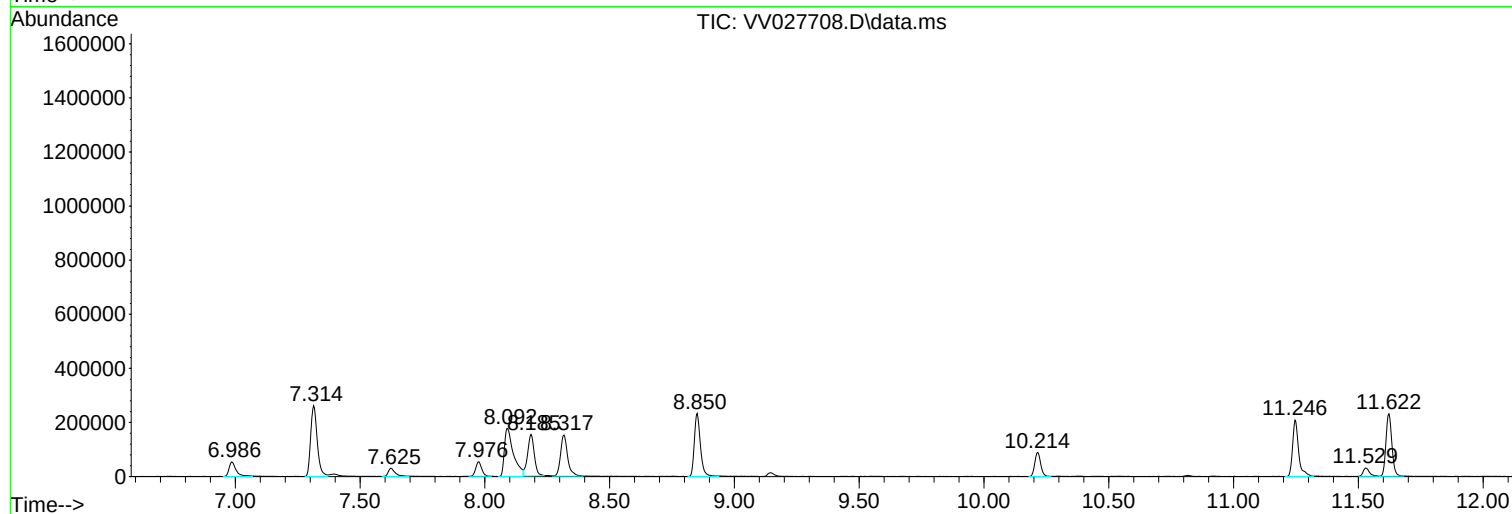
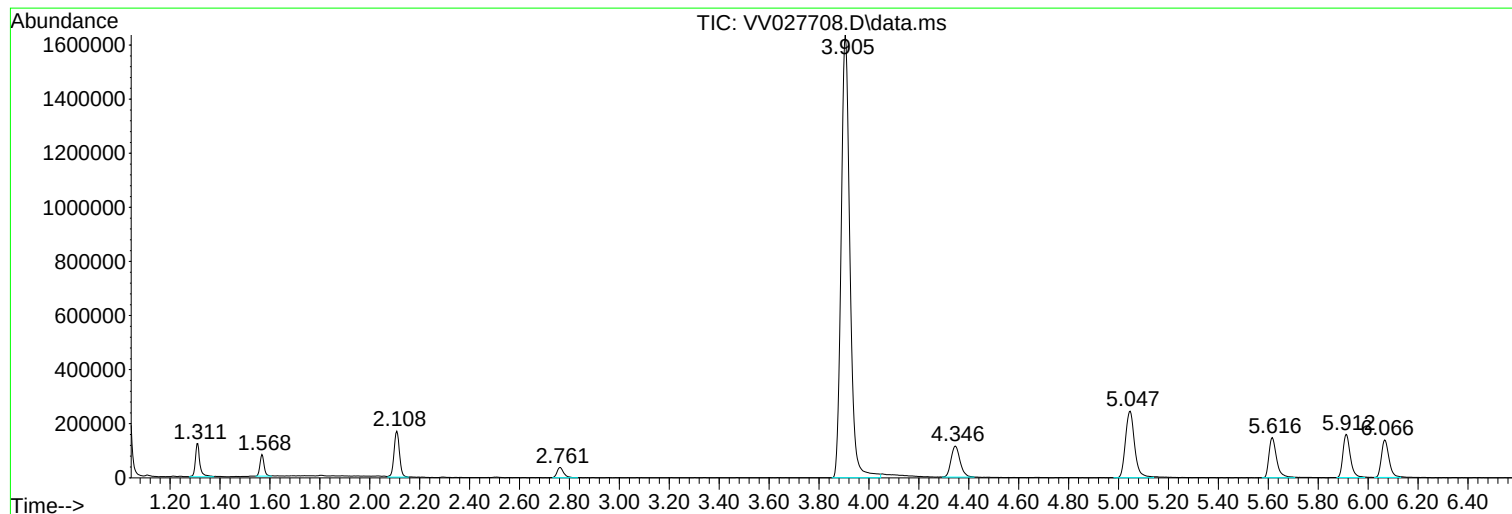
Sum of corrected areas: 9486354

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Instrument :  
MSVOA\_V  
ClientSampleId :  
DBVB3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR083122WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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Instrument :  
MSVOA\_V  
ClientSampleId :  
DBVB3

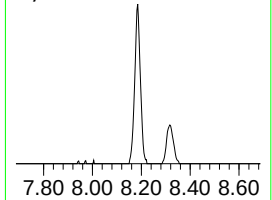
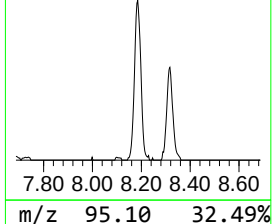
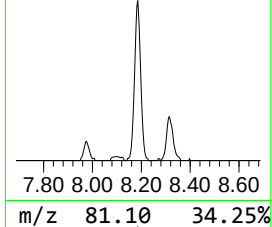
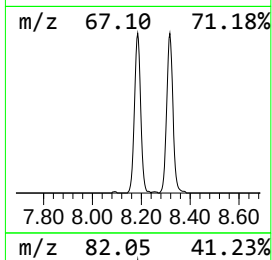
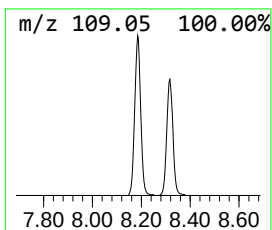
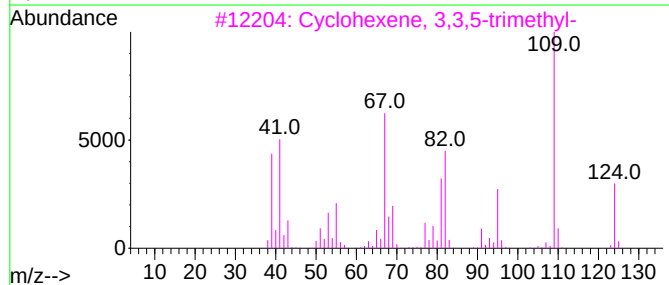
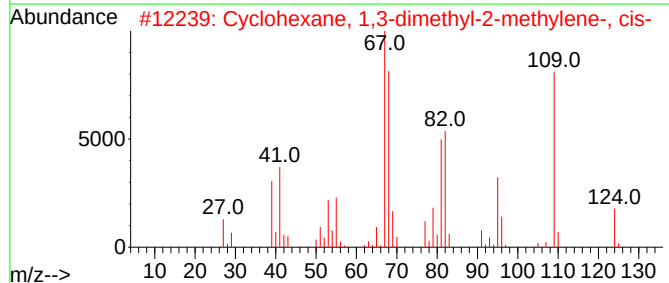
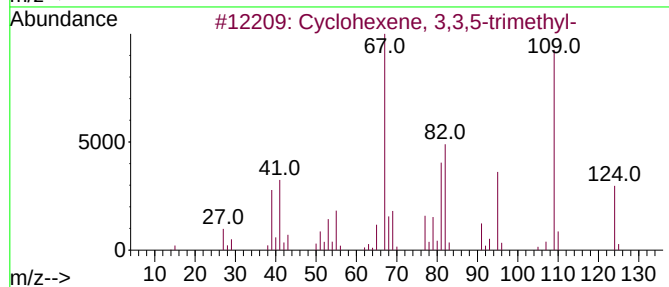
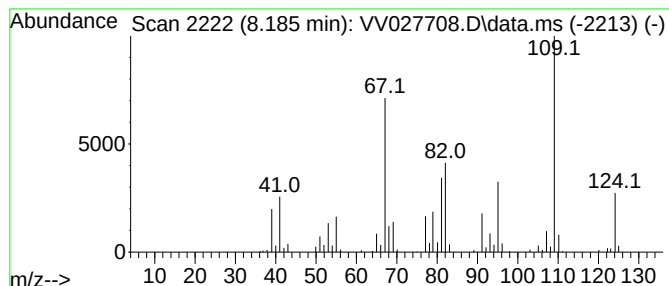
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR083122WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 2 Cyclohexene, 3,3,5-trimethyl- Concentration Rank 2

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 8.185     | 3.55 ug/L                           | 281642 | Chlorobenzene-d5 | 8.850       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Cyclohexene, 3,3,5-trimethyl-       | 124    | C9H16            | 000503-45-7 | 94   |
| 2         | Cyclohexane, 1,3-dimethyl-2-meth... | 124    | C9H16            | 019781-47-6 | 93   |
| 3         | Cyclohexene, 3,3,5-trimethyl-       | 124    | C9H16            | 000503-45-7 | 93   |
| 4         | Cyclohexane, 1,3-dimethyl-2-meth... | 124    | C9H16            | 020348-74-7 | 93   |
| 5         | Cyclohexene, 3,5,5-trimethyl-       | 124    | C9H16            | 000933-12-0 | 87   |



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Instrument :  
MSVOA\_V  
ClientSampleId :  
DBVB3

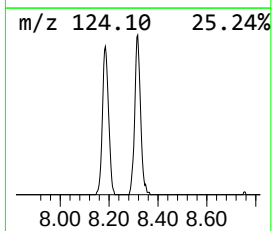
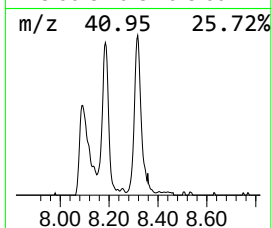
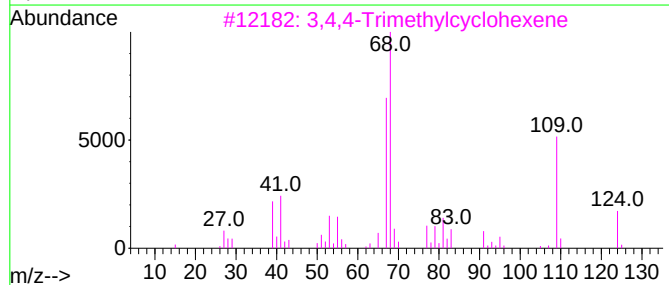
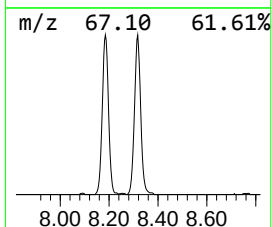
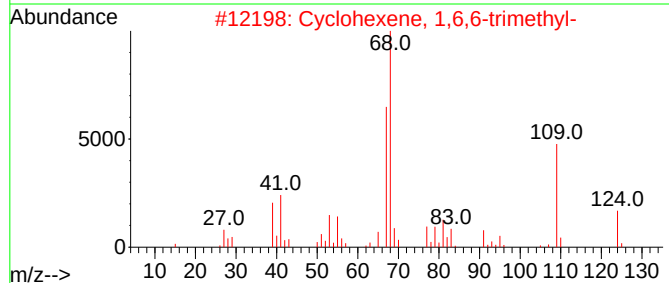
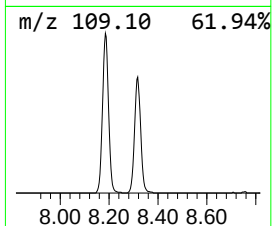
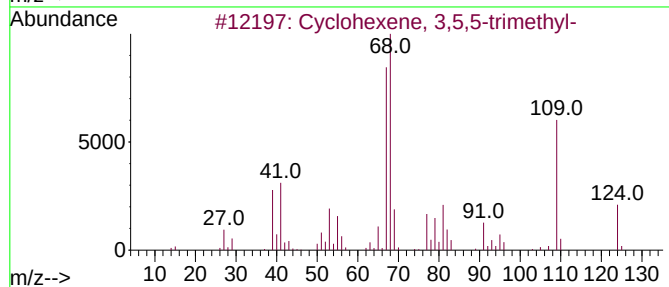
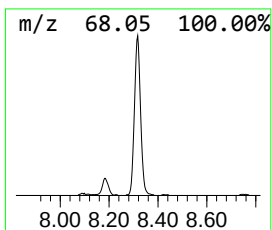
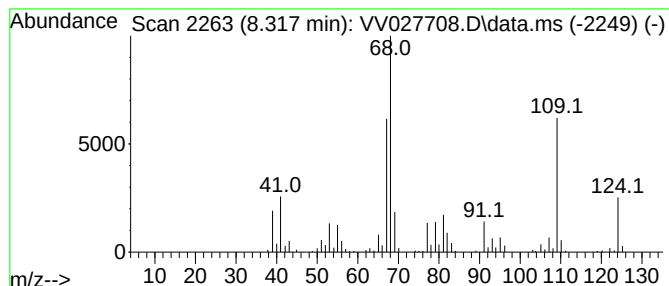
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR083122WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 3 Cyclohexene, 3,5,5-trimethyl- Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 8.317 | 3.72 ug/L | 294703 | Chlorobenzene-d5 | 8.850 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------|-----|---------|--------------|------|
| 1    |    |   | Cyclohexene, 3,5,5-trimethyl- | 124 | C9H16   | 000933-12-0  | 95   |
| 2    |    |   | Cyclohexene, 1,6,6-trimethyl- | 124 | C9H16   | 069745-49-9  | 95   |
| 3    |    |   | 3,4,4-Trimethylcyclohexene    | 124 | C9H16   | 1000113-50-1 | 93   |
| 4    |    |   | Cyclohexene, 3,5,5-trimethyl- | 124 | C9H16   | 000933-12-0  | 87   |
| 5    |    |   | 2,4-Heptadiene, 2,6-dimethyl- | 124 | C9H16   | 004634-87-1  | 60   |



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DBVB3

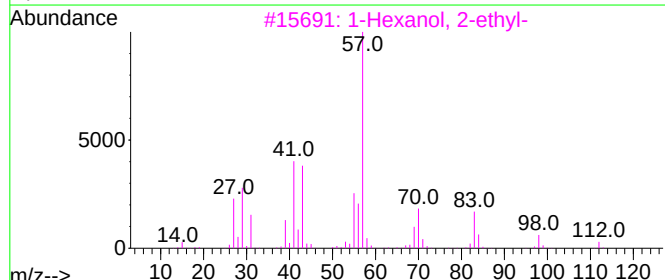
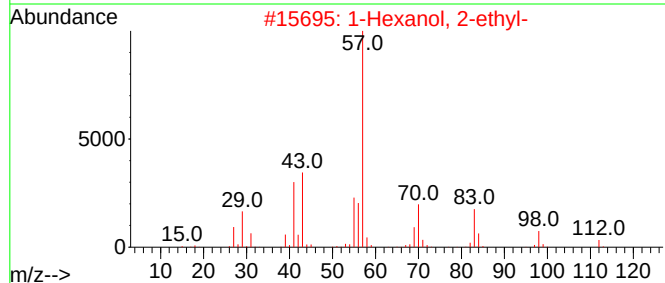
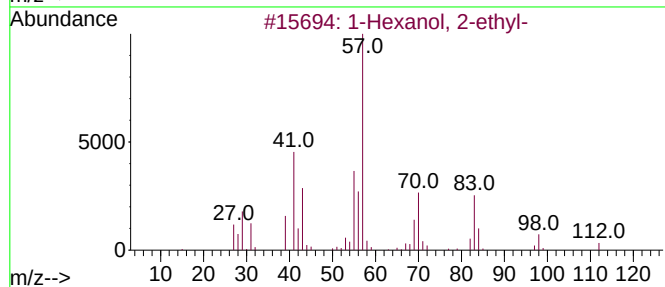
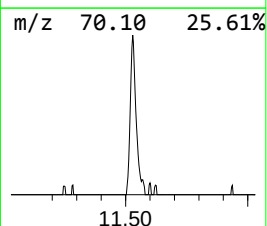
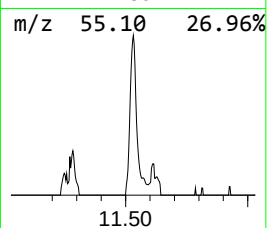
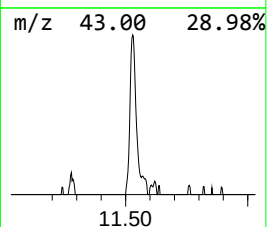
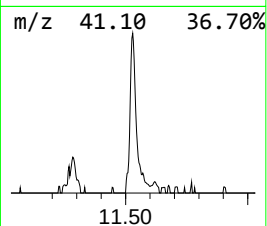
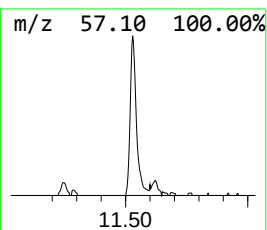
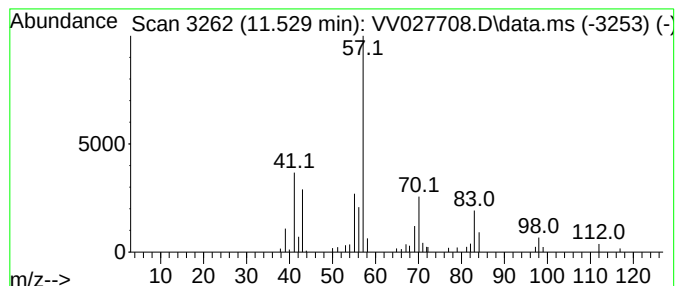
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR083122WMA.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 4

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 11.529 | 0.80 ug/L | 55872 | 1,4-Dichlorobenzene-d4 | 11.246 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Hexanol, 2-ethyl-   | 130 | C8H18O  | 000104-76-7 | 90   |
| 2    |    |   | 1-Hexanol, 2-ethyl-   | 130 | C8H18O  | 000104-76-7 | 86   |
| 3    |    |   | 1-Hexanol, 2-ethyl-   | 130 | C8H18O  | 000104-76-7 | 78   |
| 4    |    |   | 1-Hexanol, 2-ethyl-   | 130 | C8H18O  | 000104-76-7 | 78   |
| 5    |    |   | Decane, 5,6-dipropyl- | 226 | C16H34  | 119209-20-0 | 64   |



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MSVOA\_V  
ClientSampleId :  
DBVB3

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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 |
| Cyclohexene, 3,... | 8.185  | 3.5     | ug/L  | 281642   | 2                     | 8.850  | 396233 | 5.0  |
| Cyclohexene, 3,... | 8.317  | 3.7     | ug/L  | 294703   | 2                     | 8.850  | 396233 | 5.0  |
| 1-Hexanol, 2-et... | 11.529 | 0.8     | ug/L  | 55872    | 3                     | 11.246 | 348623 | 5.0  |