

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\  
 Data File : VX018800.D  
 Acq On : 06 Oct 2020 15:32  
 Operator : JC/SP  
 Sample : L4283-04  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BFZR8

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\_X\METHOD\SOMXTR100220WMA.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         | 1.313       | 33            | 37          | 42           | rBV      | 18143          | 20088         | 3.70%           | 0.439%        |
| 2         | 1.386       | 45            | 49          | 53           | rBV      | 57053          | 58091         | 10.71%          | 1.270%        |
| 3         | 1.697       | 94            | 100         | 107          | rVV      | 52770          | 68585         | 12.64%          | 1.500%        |
| 4         | 2.233       | 183           | 188         | 193          | rVB2     | 31023          | 51562         | 9.51%           | 1.127%        |
| 5         | 2.343       | 200           | 206         | 215          | rVV      | 106224         | 166476        | 30.69%          | 3.640%        |
| 6         | 2.453       | 218           | 224         | 235          | rVB      | 6487           | 21623         | 3.99%           | 0.473%        |
| 7         | 3.142       | 333           | 337         | 345          | rVB7     | 2966           | 8143          | 1.50%           | 0.178%        |
| 8         | 3.495       | 389           | 395         | 404          | rVB5     | 5316           | 12276         | 2.26%           | 0.268%        |
| 9         | 4.550       | 559           | 568         | 591          | rBV2     | 55386          | 217886        | 40.17%          | 4.764%        |
| 10        | 4.800       | 602           | 609         | 619          | rBV3     | 5711           | 18615         | 3.43%           | 0.407%        |
| 11        | 5.141       | 653           | 665         | 677          | rVB2     | 72559          | 223361        | 41.18%          | 4.884%        |
| 12        | 6.044       | 802           | 813         | 830          | rBV2     | 171948         | 499084        | 92.01%          | 10.913%       |
| 13        | 6.830       | 931           | 942         | 951          | rBV      | 133476         | 328835        | 60.62%          | 7.190%        |
| 14        | 6.982       | 959           | 967         | 968          | rBV6     | 3946           | 6623          | 1.22%           | 0.145%        |
| 15        | 7.366       | 1022          | 1030        | 1043         | rVB2     | 108521         | 238713        | 44.01%          | 5.219%        |
| 16        | 8.372       | 1188          | 1195        | 1202         | rBV      | 72868          | 115438        | 21.28%          | 2.524%        |
| 17        | 8.695       | 1240          | 1248        | 1256         | rBV      | 259785         | 411946        | 75.94%          | 9.007%        |
| 18        | 8.994       | 1291          | 1297        | 1304         | rBV      | 49738          | 72851         | 13.43%          | 1.593%        |
| 19        | 9.073       | 1304          | 1310        | 1314         | rVV2     | 6642           | 11918         | 2.20%           | 0.261%        |
| 20        | 9.116       | 1314          | 1317        | 1323         | rVB3     | 8313           | 13194         | 2.43%           | 0.288%        |
| 21        | 9.427       | 1362          | 1368        | 1380         | rBV      | 379396         | 542441        | 100.00%         | 11.861%       |
| 22        | 9.561       | 1386          | 1390        | 1397         | rVB8     | 3803           | 6922          | 1.28%           | 0.151%        |
| 23        | 10.098      | 1472          | 1478        | 1484         | rBV      | 287947         | 391513        | 72.18%          | 8.560%        |
| 24        | 11.232      | 1659          | 1664        | 1672         | rVB      | 121044         | 152374        | 28.09%          | 3.332%        |
| 25        | 12.061      | 1794          | 1800        | 1807         | rVB      | 277176         | 356143        | 65.66%          | 7.787%        |
| 26        | 12.140      | 1807          | 1813        | 1819         | rBV      | 5578           | 8598          | 1.59%           | 0.188%        |
| 27        | 12.256      | 1827          | 1832        | 1843         | rBV      | 38376          | 57547         | 10.61%          | 1.258%        |
| 28        | 12.359      | 1843          | 1849        | 1857         | rVB      | 298874         | 384857        | 70.95%          | 8.415%        |
| 29        | 12.481      | 1866          | 1869        | 1875         | rVB6     | 7230           | 11679         | 2.15%           | 0.255%        |
| 30        | 12.622      | 1888          | 1892        | 1899         | rVB9     | 4014           | 6483          | 1.20%           | 0.142%        |
| 31        | 12.805      | 1916          | 1922        | 1926         | rBV6     | 3106           | 5737          | 1.06%           | 0.125%        |
| 32        | 12.890      | 1933          | 1936        | 1942         | rVB3     | 11413          | 14171         | 2.61%           | 0.310%        |
| 33        | 13.286      | 1993          | 2001        | 2008         | rBV10    | 6561           | 11106         | 2.05%           | 0.243%        |
| 34        | 13.884      | 2096          | 2099        | 2104         | rBV      | 10332          | 15691         | 2.89%           | 0.343%        |

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ClientSampleId :  
BFZR8

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\_X\METHOD\SOMXTR100220WMA.M  
Title : TRACE VOA SOM01.0

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 35 | 14.493 | 2194 | 2199 | 2204 | rVB4 | 9648  | 13377 | 2.47% | 0.292% |
| 36 | 15.402 | 2343 | 2348 | 2356 | rBV5 | 17744 | 29546 | 5.45% | 0.646% |

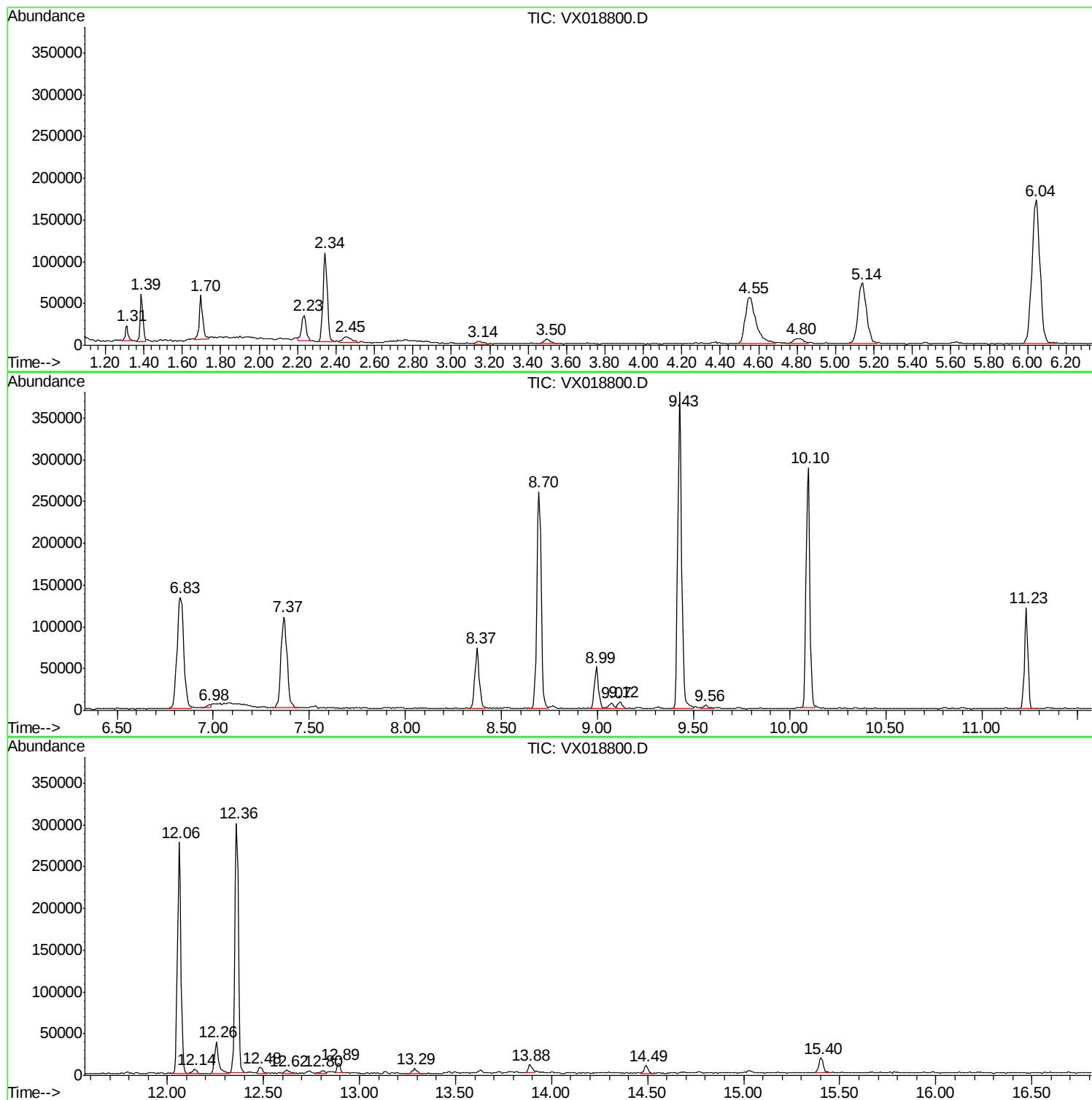
Sum of corrected areas: 4573493

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR100220WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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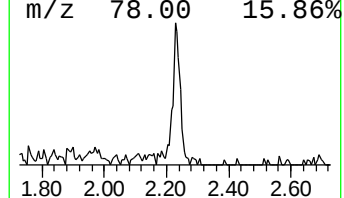
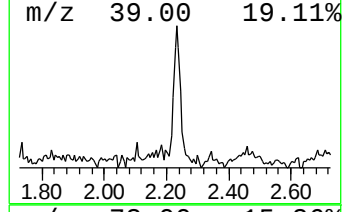
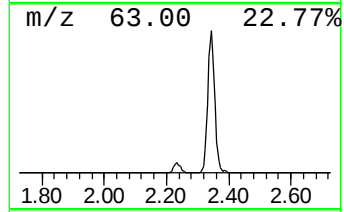
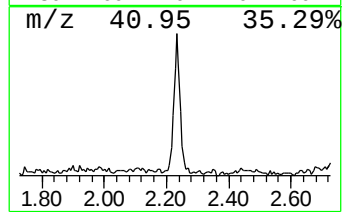
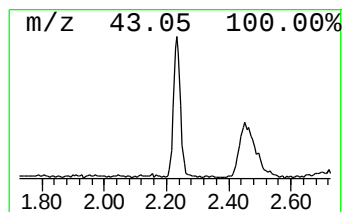
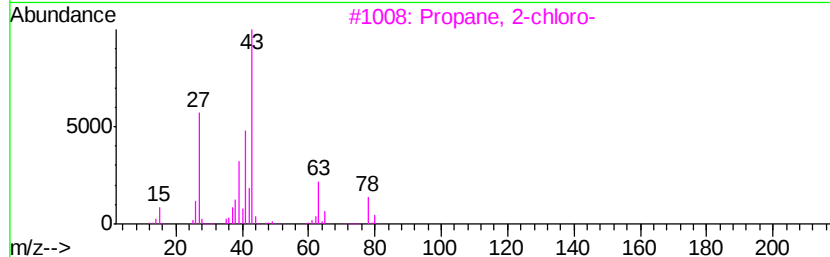
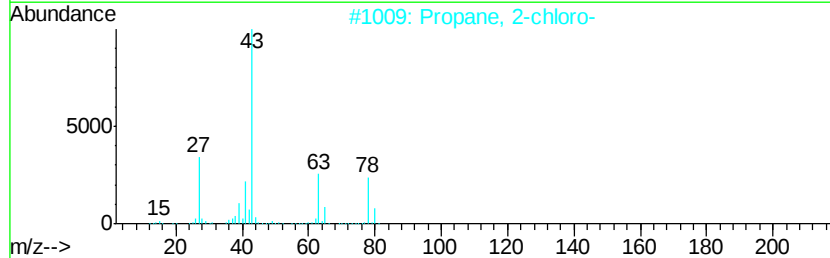
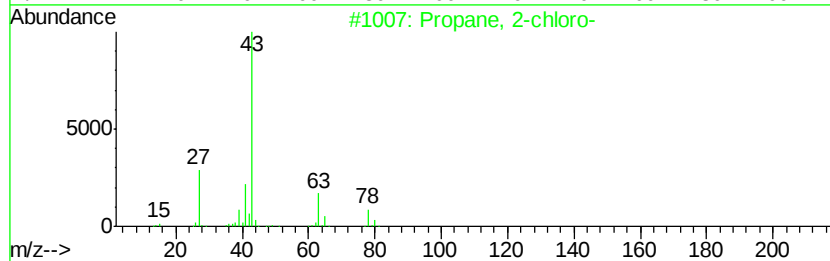
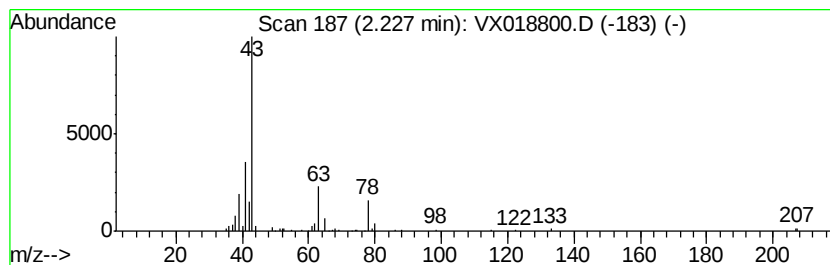
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR100220WMA.M  
Quant Title : TRACE VOA SOM01.0

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

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Peak Number 1 Propane, 2-chloro- Concentration Rank 3

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 2.23 | 0.78 ug/L | 51562 | 1,4-Difluorobenzene | 6.83 |

| Hit# | of | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------------|-----|----------|-------------|------|
| 1    | 5  | Propane, 2-chloro-        | 78  | C3H7Cl   | 000075-29-6 | 78   |
| 2    |    | Propane, 2-chloro-        | 78  | C3H7Cl   | 000075-29-6 | 78   |
| 3    |    | Propane, 2-chloro-        | 78  | C3H7Cl   | 000075-29-6 | 53   |
| 4    |    | Isobutyl chloroformate    | 136 | C5H9ClO2 | 000543-27-1 | 9    |
| 5    |    | Benzene, 1-azido-4-nitro- | 164 | C6H4N4O2 | 001516-60-5 | 9    |



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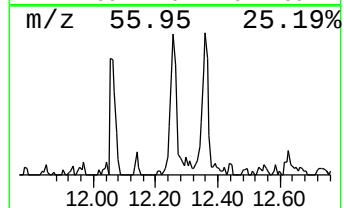
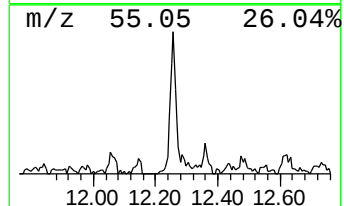
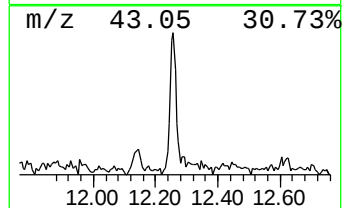
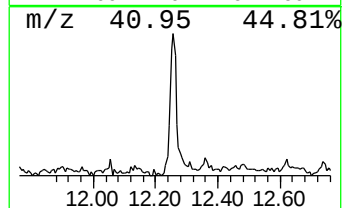
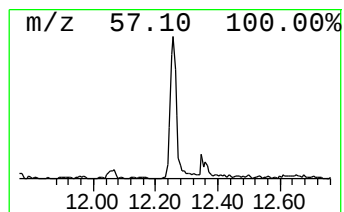
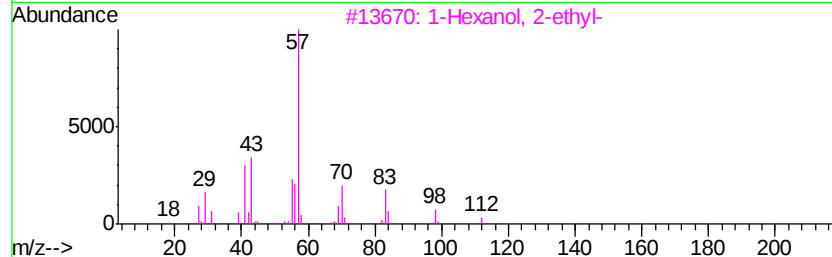
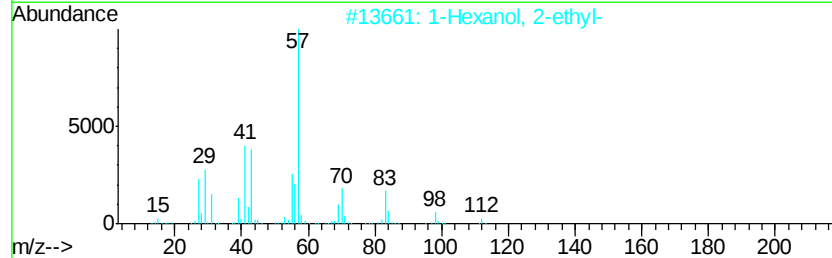
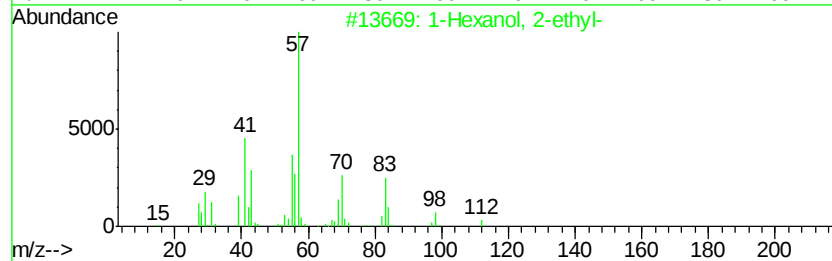
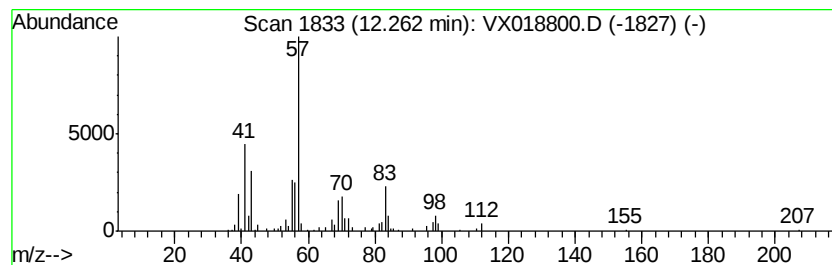
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

| R.T.      | EstConc             | Area  | Relative to ISTD       | R.T.        |      |
|-----------|---------------------|-------|------------------------|-------------|------|
| 12.26     | 0.81 ug/L           | 57547 | 1,4-Dichlorobenzene-d4 | 12.06       |      |
| Hit# of 5 | Tentative ID        | MW    | MolForm                | CAS#        | Qual |
| 1         | 1-Hexanol, 2-ethyl- | 130   | C8H18O                 | 000104-76-7 | 78   |
| 2         | 1-Hexanol, 2-ethyl- | 130   | C8H18O                 | 000104-76-7 | 64   |
| 3         | 1-Hexanol, 2-ethyl- | 130   | C8H18O                 | 000104-76-7 | 59   |
| 4         | 2-Propyl-1-pentanol | 130   | C8H18O                 | 058175-57-8 | 59   |
| 5         | 1-Hexanol, 2-ethyl- | 130   | C8H18O                 | 000104-76-7 | 56   |



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Quant Title : TRACE VOA SOM01.0

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

| TIC Top Hit name    | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|---------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                     |       |         |       |          | #                     | RT    | Resp   | Conc |
| Propane, 2-chloro-  | 2.23  | 0.8     | ug/L  | 51562    | 1                     | 6.83  | 328835 | 5.0  |
| 1-Hexanol, 2-ethyl- | 12.26 | 0.8     | ug/L  | 57547    | 3                     | 12.06 | 356143 | 5.0  |