

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\  
 Data File : VU031319.D  
 Acq On : 18 Apr 2019 20:09  
 Operator : JC/SP  
 Sample : K2451-07  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 YAMX7

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\_U\METHOD\SOMUTR041919WMA.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         | 1.177       | 21            | 27          | 32           | rBV2     | 35090          | 33704         | 3.50%           | 0.487%        |
| 2         | 1.395       | 87            | 95          | 107          | rVB      | 142888         | 160134        | 16.65%          | 2.313%        |
| 3         | 1.678       | 176           | 183         | 195          | rVB      | 122544         | 154003        | 16.01%          | 2.224%        |
| 4         | 2.270       | 355           | 367         | 380          | rBV      | 255478         | 397068        | 41.28%          | 5.734%        |
| 5         | 2.347       | 382           | 391         | 401          | rVB5     | 9911           | 23760         | 2.47%           | 0.343%        |
| 6         | 4.209       | 956           | 970         | 1013         | rBV      | 137986         | 497177        | 51.68%          | 7.180%        |
| 7         | 4.395       | 1018          | 1028        | 1050         | rVB3     | 33014          | 87829         | 9.13%           | 1.268%        |
| 8         | 4.643       | 1086          | 1105        | 1124         | rBV      | 180630         | 422169        | 43.89%          | 6.097%        |
| 9         | 5.334       | 1296          | 1320        | 1350         | rBV3     | 331379         | 961955        | 100.00%         | 13.892%       |
| 10        | 5.884       | 1477          | 1491        | 1528         | rBV      | 214179         | 447709        | 46.54%          | 6.465%        |
| 11        | 6.328       | 1613          | 1629        | 1653         | rBV      | 167262         | 343941        | 35.75%          | 4.967%        |
| 12        | 7.228       | 1896          | 1909        | 1922         | rBV      | 76710          | 141906        | 14.75%          | 2.049%        |
| 13        | 7.562       | 2001          | 2013        | 2032         | rBV      | 283169         | 528111        | 54.90%          | 7.627%        |
| 14        | 7.852       | 2092          | 2103        | 2118         | rBV2     | 47561          | 86286         | 8.97%           | 1.246%        |
| 15        | 8.177       | 2195          | 2204        | 2210         | rBV3     | 7429           | 11779         | 1.22%           | 0.170%        |
| 16        | 8.225       | 2210          | 2219        | 2233         | rVB2     | 36357          | 62543         | 6.50%           | 0.903%        |
| 17        | 8.315       | 2234          | 2247        | 2284         | rBV      | 427613         | 833662        | 86.66%          | 12.039%       |
| 18        | 9.086       | 2476          | 2487        | 2509         | rBV      | 314302         | 556119        | 57.81%          | 8.031%        |
| 19        | 10.430      | 2893          | 2905        | 2920         | rBV2     | 135101         | 220578        | 22.93%          | 3.185%        |
| 20        | 10.601      | 2951          | 2958        | 2969         | rVB5     | 8670           | 14573         | 1.51%           | 0.210%        |
| 21        | 11.482      | 3218          | 3232        | 3254         | rBV2     | 253997         | 429921        | 44.69%          | 6.209%        |
| 22        | 11.749      | 3304          | 3315        | 3329         | rBV      | 24881          | 51781         | 5.38%           | 0.748%        |
| 23        | 11.858      | 3337          | 3349        | 3373         | rBV      | 265916         | 457881        | 47.60%          | 6.612%        |

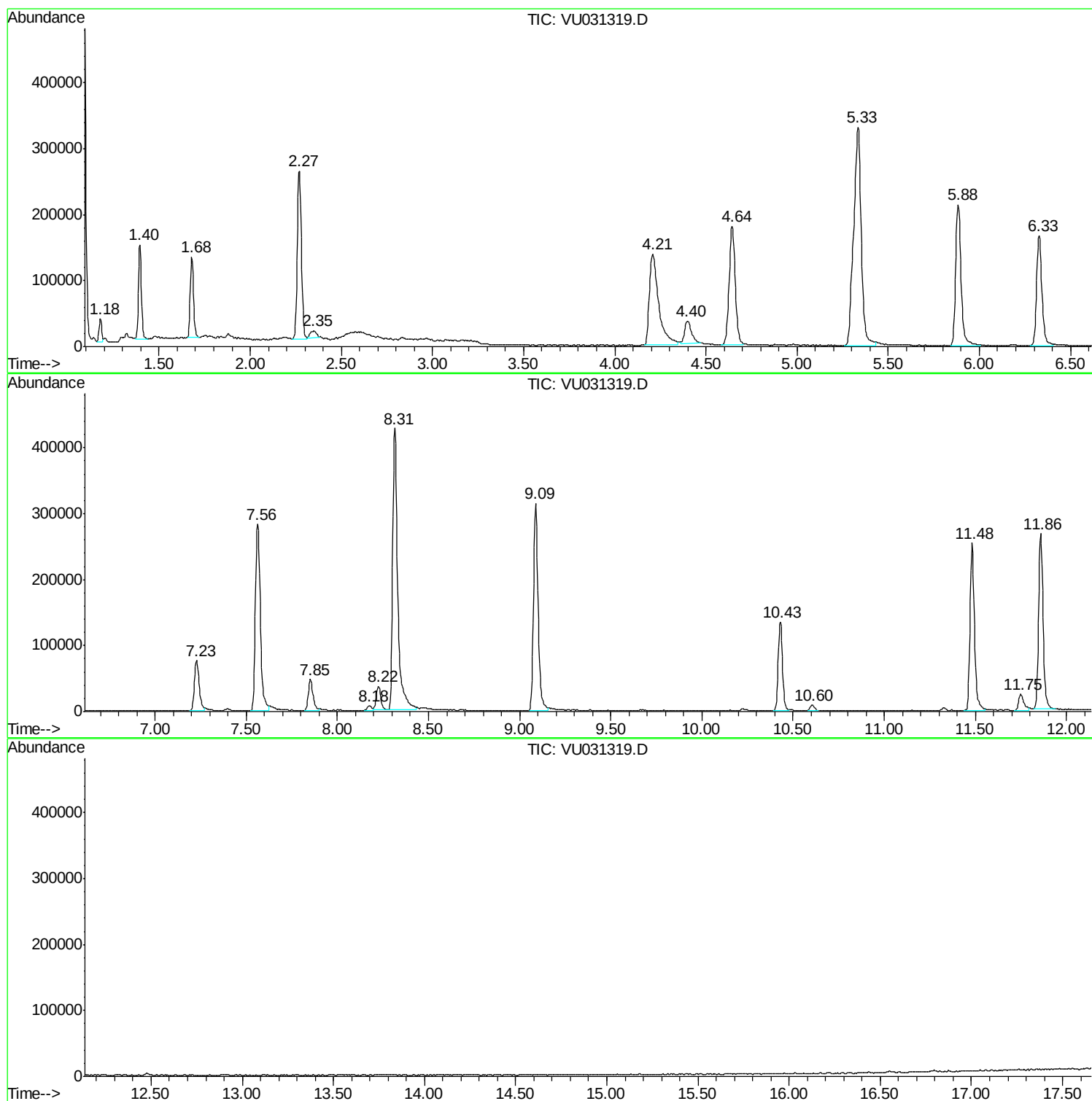
Sum of corrected areas: 6924589

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041919\  
Data File : VU031319.D  
Acq On : 18 Apr 2019 20:09  
Operator : JC/SP  
Sample : K2451-07  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampled :  
YAMX7

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR041919WMA.M  
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\  
Data File : VU031319.D  
Acq On : 18 Apr 2019 20:09  
Operator : JC/SP  
Sample : K2451-07  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 25 Sample Multiplier: 1

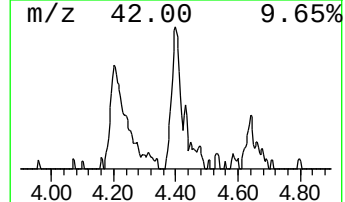
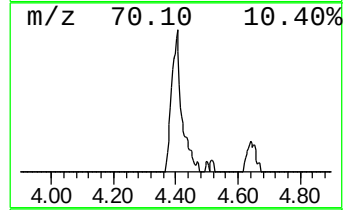
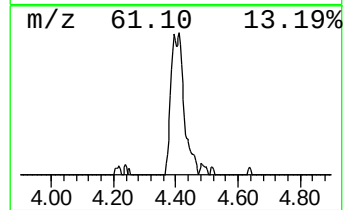
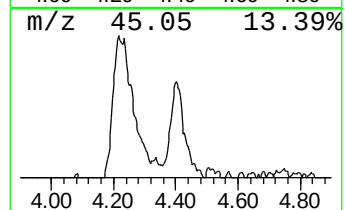
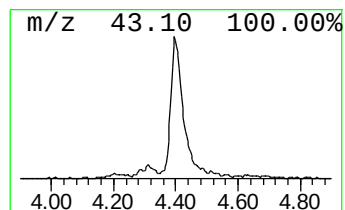
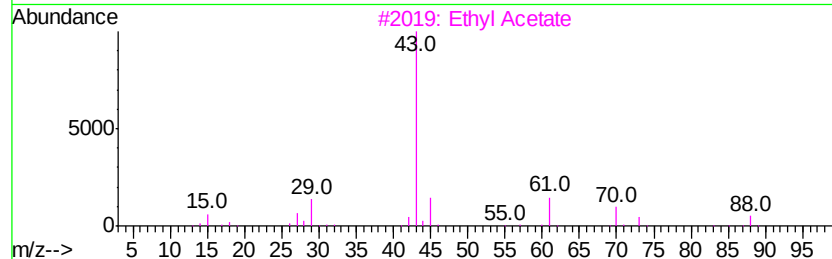
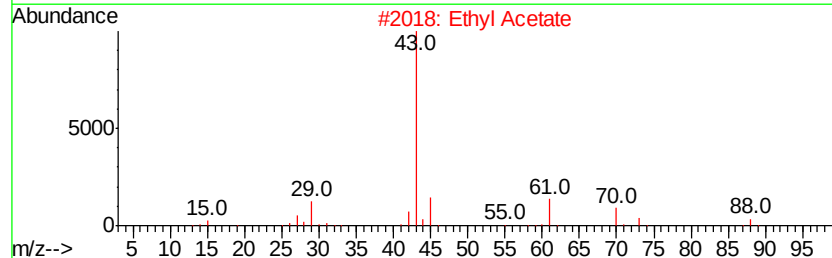
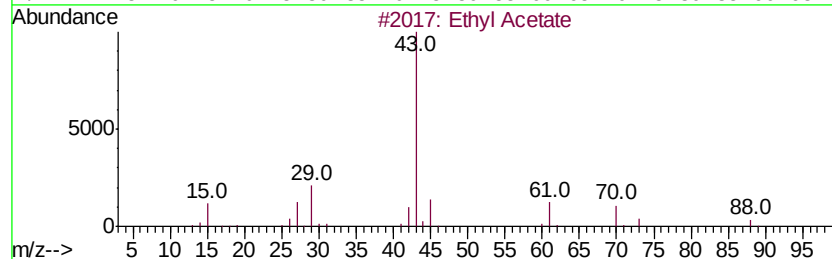
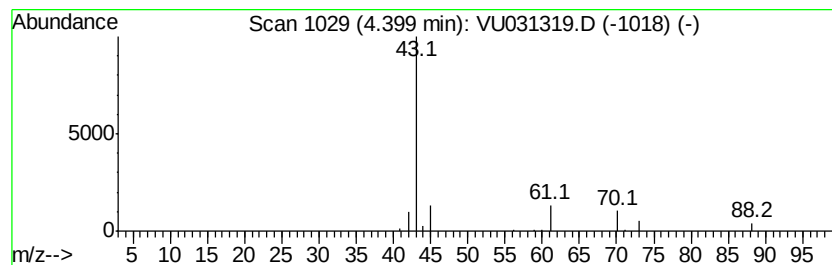
Instrument :  
MSVOA\_U  
ClientSampled :  
YAMX7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR041919WMA.M  
Quant Title : TRACE VOA SOM01.0

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

\*\*\*\*\*  
Peak Number 1 Ethyl Acetate Concentration Rank 2

| R.T.      | EstConc                         | Area  | Relative to ISTD    | R.T.         |      |
|-----------|---------------------------------|-------|---------------------|--------------|------|
| 4.40      | 0.98 ug/L                       | 87829 | 1,4-Difluorobenzene | 5.88         |      |
| Hit# of 5 | Tentative ID                    | MW    | MolForm             | CAS#         | Qual |
| 1         | Ethyl Acetate                   | 88    | C4H8O2              | 000141-78-6  | 86   |
| 2         | Ethyl Acetate                   | 88    | C4H8O2              | 000141-78-6  | 78   |
| 3         | Ethyl Acetate                   | 88    | C4H8O2              | 000141-78-6  | 53   |
| 4         | Ethyl Acetate                   | 88    | C4H8O2              | 000141-78-6  | 42   |
| 5         | (3-Methyl-oxiran-2-yl)-methanol | 88    | C4H8O2              | 1000194-22-9 | 9    |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\  
Data File : VU031319.D  
Acq On : 18 Apr 2019 20:09  
Operator : JC/SP  
Sample : K2451-07  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 25 Sample Multiplier: 1

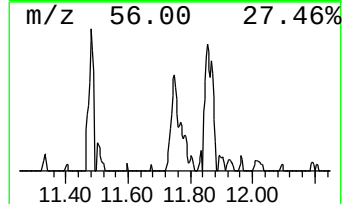
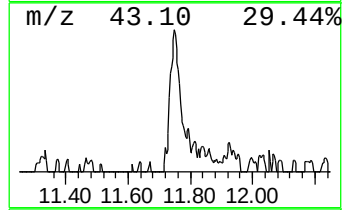
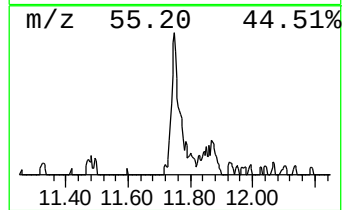
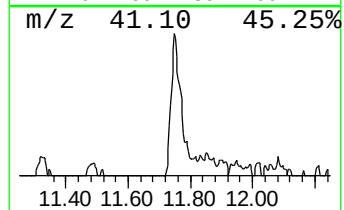
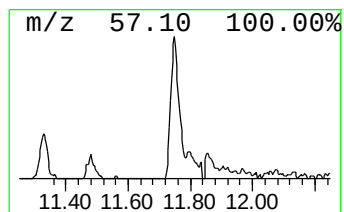
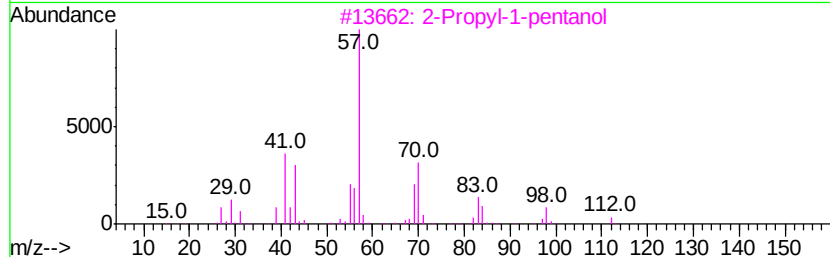
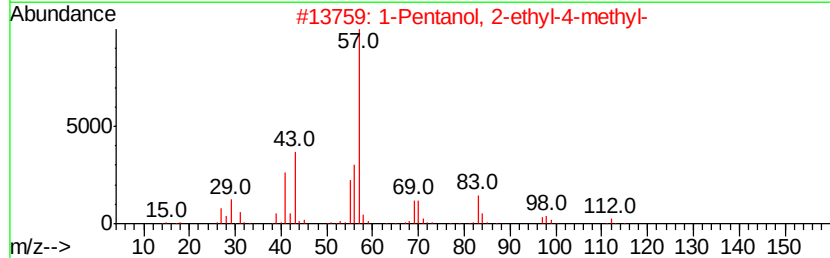
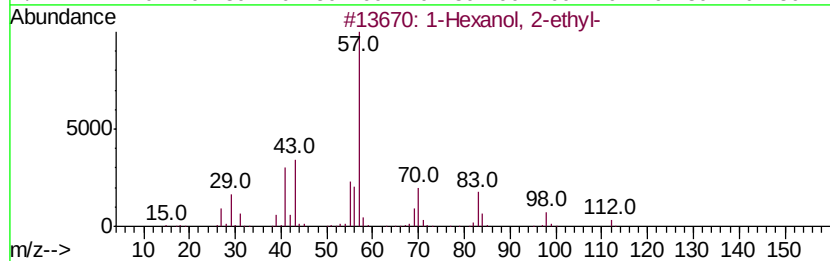
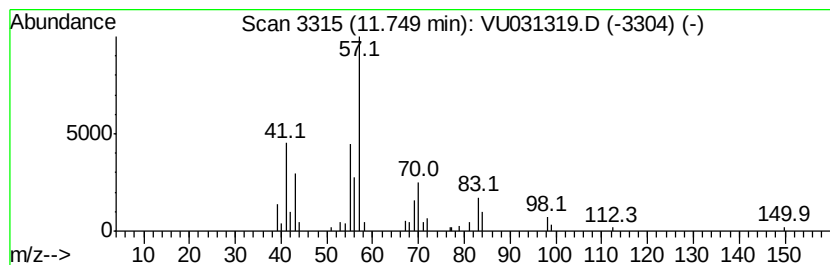
Instrument :  
MSVOA\_U  
ClientSampled :  
YAMX7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR041919WMA.M  
Quant Title : TRACE VOA SOM01.0

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

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

| R.T.    | EstConc                       | Area         | Relative to ISTD       | R.T.      |
|---------|-------------------------------|--------------|------------------------|-----------|
| 11.75   | 0.60 ug/L                     | 51781        | 1,4-Dichlorobenzene-d4 | 11.48     |
| Hit# of | 5                             | Tentative ID | MW MolForm             | CAS# Qual |
| 1       | 1-Hexanol, 2-ethyl-           | 130 C8H18O   | 000104-76-7            | 78        |
| 2       | 1-Pentanol, 2-ethyl-4-methyl- | 130 C8H18O   | 000106-67-2            | 64        |
| 3       | 2-Propyl-1-pentanol           | 130 C8H18O   | 058175-57-8            | 64        |
| 4       | 2-Propyl-1-pentanol           | 130 C8H18O   | 058175-57-8            | 64        |
| 5       | 1-Hexanol, 2-ethyl-           | 130 C8H18O   | 000104-76-7            | 56        |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU041919\  
Data File : VU031319.D  
Acq On : 18 Apr 2019 20:09  
Operator : JC/SP  
Sample : K2451-07  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
YAMX7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR041919WMA.M  
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 |
| Ethyl Acetate       | 4.40  | 1.0     | ug/L  | 87829    | 1                     | 5.88  | 447709 | 5.0  |
| 1-Hexanol, 2-ethyl- | 11.75 | 0.6     | ug/L  | 51781    | 3                     | 11.48 | 429921 | 5.0  |