

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021919\  
 Data File : VU029548.D  
 Acq On : 19 Feb 2019 12:30  
 Operator : JC/SP  
 Sample : K1489-08  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ESXG8

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\SOMUTR021219WMA.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         | 1.180       | 23            | 28          | 37           | rBV      | 22071          | 21860         | 2.96%           | 0.327%        |
| 2         | 1.395       | 88            | 95          | 107          | rBV      | 90404          | 96009         | 12.99%          | 1.438%        |
| 3         | 1.543       | 136           | 141         | 148          | rBV4     | 8162           | 10541         | 1.43%           | 0.158%        |
| 4         | 1.682       | 176           | 184         | 196          | rVB      | 77628          | 98641         | 13.34%          | 1.477%        |
| 5         | 2.273       | 357           | 368         | 378          | rBV      | 170349         | 258151        | 34.92%          | 3.866%        |
| 6         | 2.321       | 378           | 383         | 396          | rVB      | 14037          | 24348         | 3.29%           | 0.365%        |
| 7         | 2.444       | 413           | 421         | 440          | rVB      | 29397          | 55464         | 7.50%           | 0.831%        |
| 8         | 2.701       | 493           | 501         | 509          | rBV7     | 4971           | 8023          | 1.09%           | 0.120%        |
| 9         | 4.189       | 947           | 964         | 991          | rBV      | 95973          | 268313        | 36.30%          | 4.018%        |
| 10        | 4.646       | 1088          | 1106        | 1131         | rBV3     | 103904         | 265304        | 35.89%          | 3.973%        |
| 11        | 5.334       | 1298          | 1320        | 1336         | rBV3     | 216983         | 606998        | 82.12%          | 9.090%        |
| 12        | 5.405       | 1337          | 1342        | 1361         | rVB2     | 16520          | 31403         | 4.25%           | 0.470%        |
| 13        | 5.884       | 1476          | 1491        | 1513         | rBV      | 233083         | 455095        | 61.57%          | 6.815%        |
| 14        | 6.328       | 1615          | 1629        | 1648         | rBV      | 143409         | 289644        | 39.19%          | 4.337%        |
| 15        | 7.228       | 1896          | 1909        | 1925         | rBV      | 77530          | 142006        | 19.21%          | 2.127%        |
| 16        | 7.398       | 1950          | 1962        | 1975         | rVB4     | 9726           | 18980         | 2.57%           | 0.284%        |
| 17        | 7.562       | 1999          | 2013        | 2030         | rBV      | 305705         | 544337        | 73.64%          | 8.152%        |
| 18        | 7.636       | 2032          | 2036        | 2046         | rVB2     | 5023           | 7652          | 1.04%           | 0.115%        |
| 19        | 7.848       | 2091          | 2102        | 2123         | rBV      | 46433          | 84291         | 11.40%          | 1.262%        |
| 20        | 8.176       | 2188          | 2204        | 2216         | rBV      | 36786          | 67987         | 9.20%           | 1.018%        |
| 21        | 8.311       | 2235          | 2246        | 2280         | rBV      | 408202         | 739167        | 100.00%         | 11.069%       |
| 22        | 8.469       | 2288          | 2295        | 2307         | rVB6     | 5678           | 11272         | 1.52%           | 0.169%        |
| 23        | 9.086       | 2475          | 2487        | 2512         | rBV      | 339118         | 577758        | 78.16%          | 8.652%        |
| 24        | 9.250       | 2528          | 2538        | 2546         | rBV2     | 12217          | 19283         | 2.61%           | 0.289%        |
| 25        | 9.373       | 2565          | 2576        | 2590         | rBV      | 55850          | 95066         | 12.86%          | 1.424%        |
| 26        | 9.778       | 2692          | 2702        | 2716         | rBV      | 31896          | 54067         | 7.31%           | 0.810%        |
| 27        | 10.430      | 2889          | 2905        | 2922         | rBV      | 128576         | 207486        | 28.07%          | 3.107%        |
| 28        | 10.604      | 2947          | 2959        | 2979         | rVB      | 62728          | 106809        | 14.45%          | 1.599%        |
| 29        | 11.482      | 3220          | 3232        | 3258         | rBV      | 368874         | 611834        | 82.77%          | 9.162%        |
| 30        | 11.745      | 3303          | 3314        | 3331         | rBV2     | 39300          | 81800         | 11.07%          | 1.225%        |
| 31        | 11.858      | 3337          | 3349        | 3372         | rVB      | 331582         | 550963        | 74.54%          | 8.251%        |
| 32        | 12.215      | 3451          | 3460        | 3471         | rBV4     | 6198           | 10239         | 1.39%           | 0.153%        |
| 33        | 12.479      | 3529          | 3542        | 3554         | rBV2     | 32291          | 59596         | 8.06%           | 0.892%        |
| 34        | 12.575      | 3562          | 3572        | 3586         | rBV7     | 13761          | 29182         | 3.95%           | 0.437%        |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021919\  
Data File : VU029548.D  
Acq On : 19 Feb 2019 12:30  
Operator : JC/SP  
Sample : K1489-08  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
ESXG8

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\_U\METHOD\SOMUTR021219WMA.M  
Title : TRACE VOA SOM01.0

|    |        |      |      |      |       |       |       |       |        |
|----|--------|------|------|------|-------|-------|-------|-------|--------|
| 35 | 12.938 | 3678 | 3685 | 3704 | rVB7  | 10917 | 28202 | 3.82% | 0.422% |
| 36 | 13.054 | 3711 | 3721 | 3731 | rBV8  | 4830  | 9725  | 1.32% | 0.146% |
| 37 | 13.517 | 3858 | 3865 | 3874 | rBV10 | 4984  | 8551  | 1.16% | 0.128% |
| 38 | 14.276 | 4091 | 4101 | 4113 | rVB2  | 26509 | 42485 | 5.75% | 0.636% |
| 39 | 14.900 | 4285 | 4295 | 4304 | rBV5  | 9019  | 15584 | 2.11% | 0.233% |
| 40 | 15.642 | 4517 | 4526 | 4541 | rBV5  | 10978 | 22604 | 3.06% | 0.338% |
| 41 | 15.774 | 4560 | 4567 | 4576 | rVB4  | 13236 | 19589 | 2.65% | 0.293% |
| 42 | 15.877 | 4590 | 4599 | 4610 | rVB2  | 12917 | 21416 | 2.90% | 0.321% |

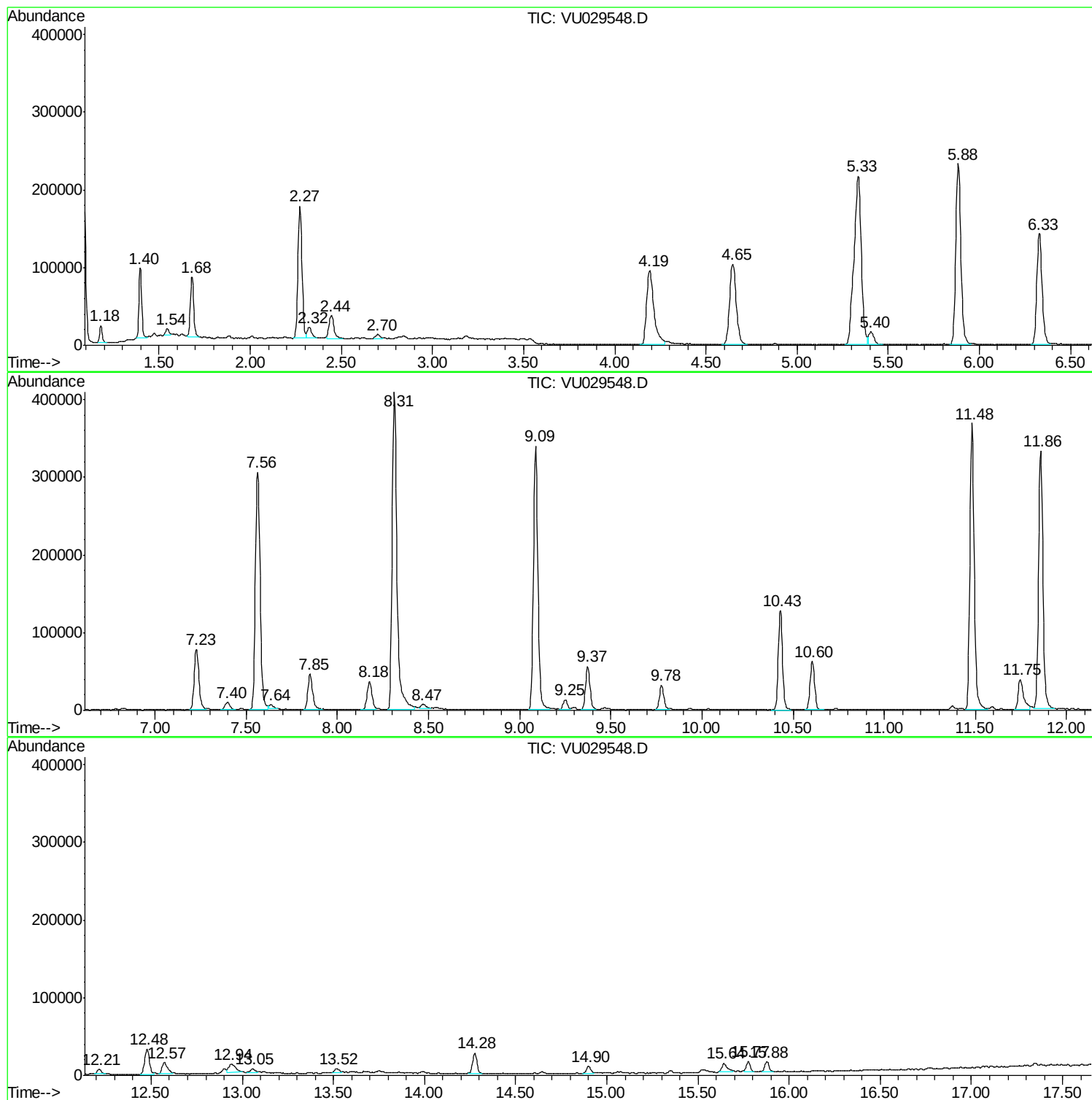
Sum of corrected areas: 6677725

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU021919\  
Data File : VU029548.D  
Acq On : 19 Feb 2019 12:30  
Operator : JC/SP  
Sample : K1489-08  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampled :  
ESXG8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR021219WMA.M  
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU021919\  
Data File : VU029548.D  
Acq On : 19 Feb 2019 12:30  
Operator : JC/SP  
Sample : K1489-08  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
ESXG8

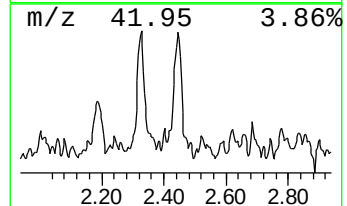
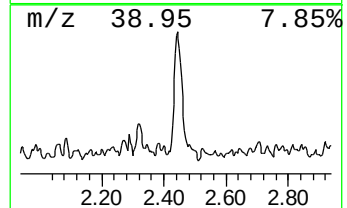
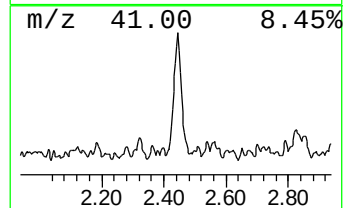
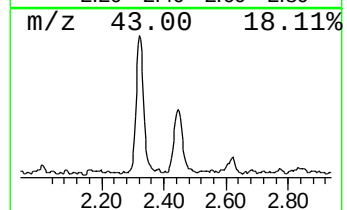
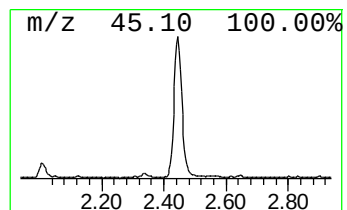
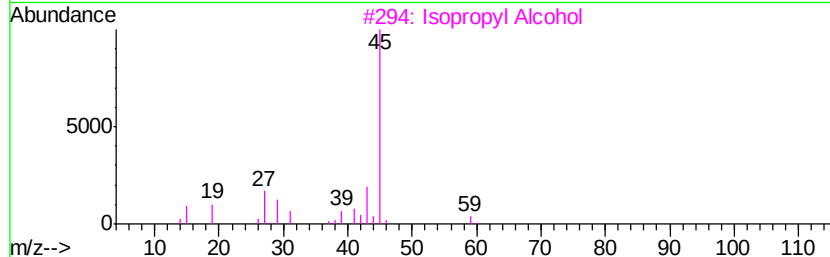
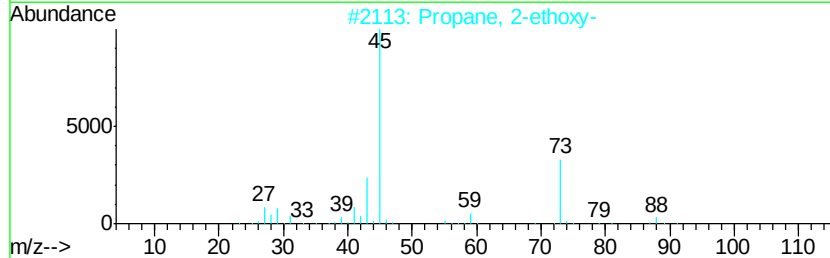
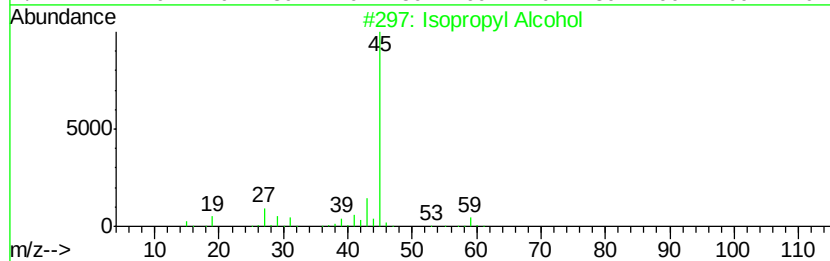
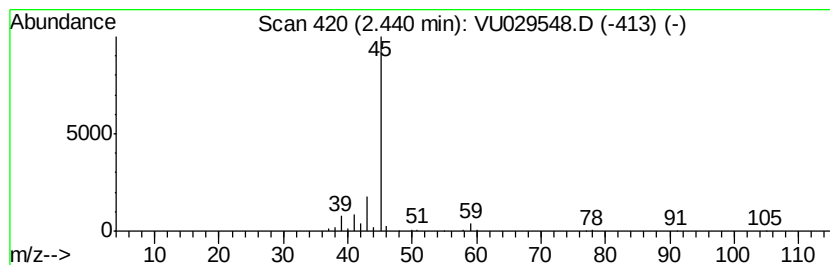
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR021219WMA.M  
Quant Title : TRACE VOA SOM01.0

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

\*\*\*\*\*  
Peak Number 1 Isopropyl Alcohol Concentration Rank 4

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 2.44 | 0.61 ug/L | 55464 | 1,4-Difluorobenzene | 5.88 |

| Hit# | of | Tentative ID       | MW | MolForm | CAS#        | Qual |
|------|----|--------------------|----|---------|-------------|------|
| 1    | 5  | Isopropyl Alcohol  | 60 | C3H8O   | 000067-63-0 | 56   |
| 2    |    | Propane, 2-ethoxy- | 88 | C5H12O  | 000625-54-7 | 40   |
| 3    |    | Isopropyl Alcohol  | 60 | C3H8O   | 000067-63-0 | 40   |
| 4    |    | 2-Pentanol         | 88 | C5H12O  | 006032-29-7 | 9    |
| 5    |    | Propane, 2-ethoxy- | 88 | C5H12O  | 000625-54-7 | 9    |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU021919\  
Data File : VU029548.D  
Acq On : 19 Feb 2019 12:30  
Operator : JC/SP  
Sample : K1489-08  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
ESXG8

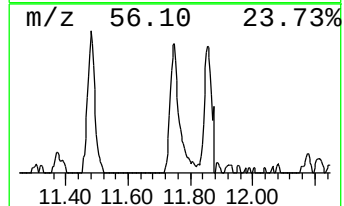
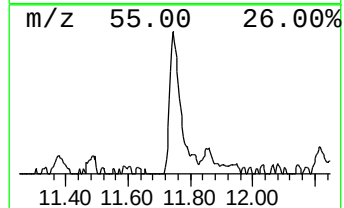
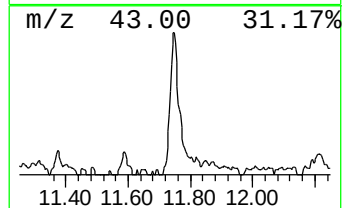
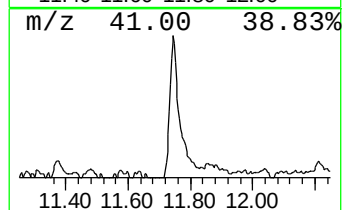
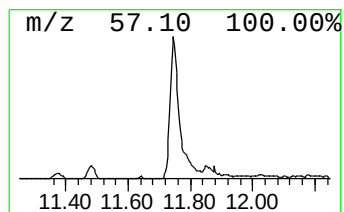
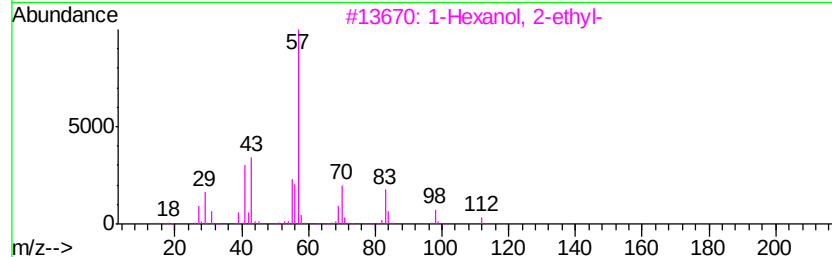
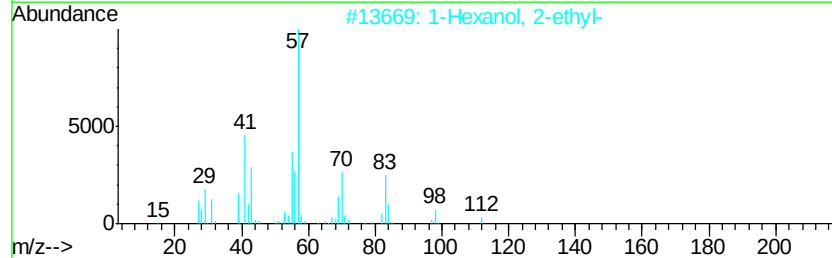
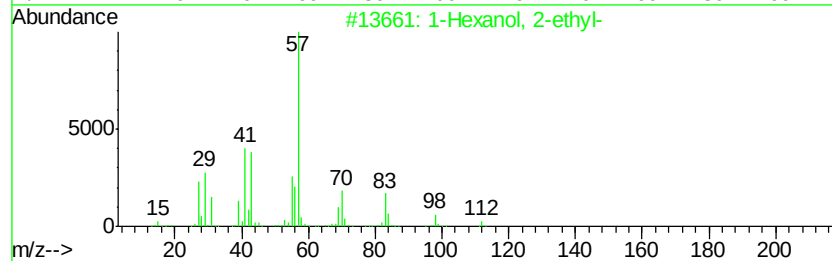
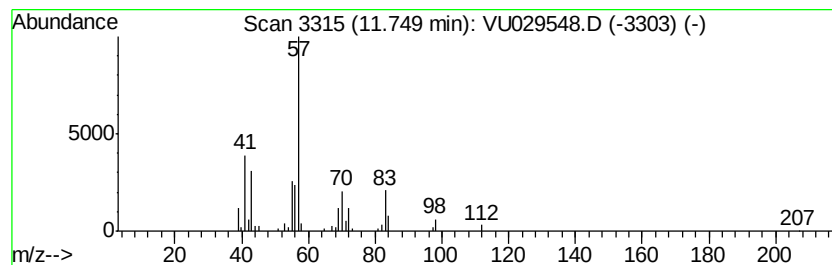
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR021219WMA.M  
Quant Title : TRACE VOA SOM01.0

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

\*\*\*\*\*  
Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 11.75 | 0.67 ug/L | 81800 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 72   |
| 2    |    | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 72   |
| 3    |    | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 59   |
| 4    |    | 1-Pentanol, 2-ethyl-4-methyl- | 130 | C8H18O  | 000106-67-2 | 59   |
| 5    |    | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 56   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU021919\  
Data File : VU029548.D  
Acq On : 19 Feb 2019 12:30  
Operator : JC/SP  
Sample : K1489-08  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
ESXG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR021219WMA.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 |
| Isopropyl Alcohol   | 2.44  | 0.6     | ug/L  | 55464    | 1                     | 5.88  | 455095 | 5.0  |
| 1-Hexanol, 2-ethyl- | 11.75 | 0.7     | ug/L  | 81800    | 3                     | 11.48 | 611834 | 5.0  |