LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051304.D
Acq On : 09 Oct 2022 16:51
Operator : JC/MD
Sample : N5013-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHA40

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\SFAMUTR100722WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU051304.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.375 | 310 | 322 | 339 | rBV | 1133306 | 1658500 | 2.87% | 1.012% |
| 2 | 3.989 | 805 | 824 | 852 | rVB | 1206530 | 3041075 | 5.25% | 1.855% |
| 3 | 4.665 | 1010 | 1034 | 1068 | rVB2 | 1219513 | 3170125 | 5.48% | 1.934% |
| 4 | 5.057 | 1142 | 1156 | 1189 | rVB2 | 275316 | 656318 | 1.13% | 0.400% |
| 5 | 5.774 | 1344 | 1379 | 1408 | rBV | 18296998 | 37364043 | 64.56% | 22.790% |
| 6 | 7.899 | 2022 | 2040 | 2048 | rBV | 335339 | 593480 | 1.03% | 0.362% |
| 7 | 7.970 | 2048 | 2062 | 2113 | rVB2 | 33625487 | 57872945 | 100.00% | 35.299% |
| 8 | 8.632 | 2256 | 2268 | 2299 | rBV2 | 505321 | 1017640 | 1.76% | 0.621% |
| 9 | 9.446 | 2499 | 2521 | 2546 | rBV | 4977863 | 8842195 | 15.28% | 5.393% |
| 10 | 9.568 | 2546 | 2559 | 2583 | rVB | 4722078 | 7495741 | 12.95% | 4.572% |
| 11 | 9.690 | 2583 | 2597 | 2614 | rBV | 12632837 | 20296697 | 35.07% | 12.380% |
| 12 | 10.099 | 2709 | 2724 | 2753 | rVB | 4114972 | 6421274 | 11.10% | 3.917% |
| 13 | 10.481 | 2826 | 2843 | 2857 | rBV | 1086378 | 1690256 | 2.92% | 1.031% |
| 14 | 10.902 | 2956 | 2974 | 2990 | rBV2 | 441197 | 892591 | 1.54% | 0.544% |
| 15 | 10.996 | 2990 | 3003 | 3009 | rBV2 | 577957 | 1011126 | 1.75% | 0.617% |
| 16 | 11.086 | 3022 | 3031 | 3046 | rVB2 | 390521 | 608785 | 1.05% | 0.371% |
| 17 | 11.288 | 3084 | 3094 | 3117 | rVB | 517209 | 831922 | 1.44% | 0.507% |
| 18 | 11.465 | 3138 | 3149 | 3163 | rVB | 1716556 | 2545969 | 4.40% | 1.553% |
| 19 | 11.809 | 3243 | 3256 | 3272 | rBV3 | 476333 | 1205381 | 2.08% | 0.735% |
| 20 | 11.893 | 3272 | 3282 | 3295 | rVB | 825899 | 1315951 | 2.27% | 0.803% |
| 21 | 12.092 | 3329 | 3344 | 3362 | rBV2 | 1358462 | 2208851 | 3.82% | 1.347% |
| 22 | 12.192 | 3363 | 3375 | 3398 | rVB4 | 584532 | 1479944 | 2.56% | 0.903% |
| 23 | 12.860 | 3575 | 3583 | 3597 | rVB2 | 388919 | 642936 | 1.11% | 0.392% |
| 24 | 14.086 | 3951 | 3964 | 3987 | rVB | 632215 | 1089046 | 1.88% | 0.664% |

Sum of corrected areas: 163952791

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
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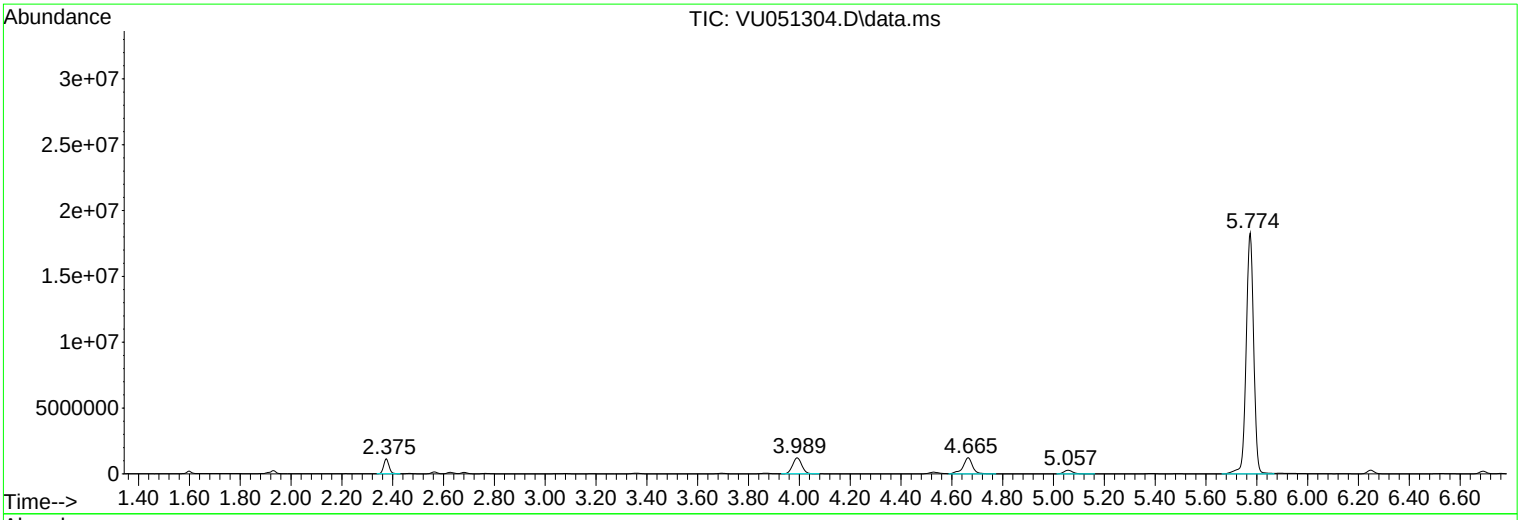
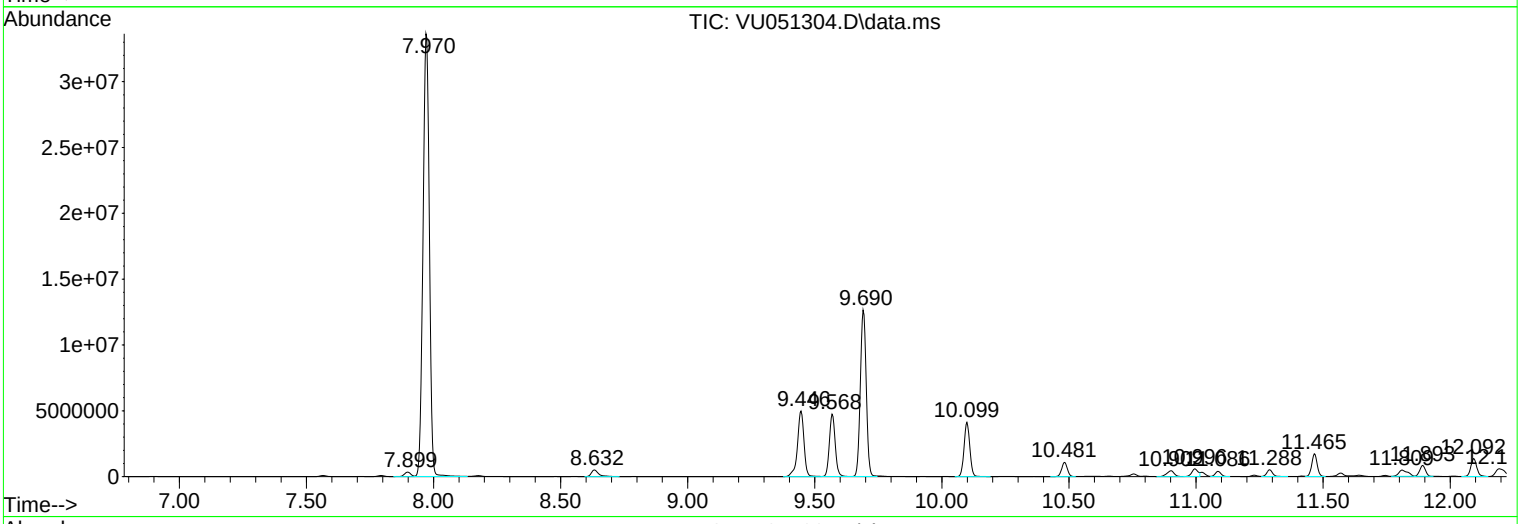
Operator : JC/MD
Sample : N5013-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

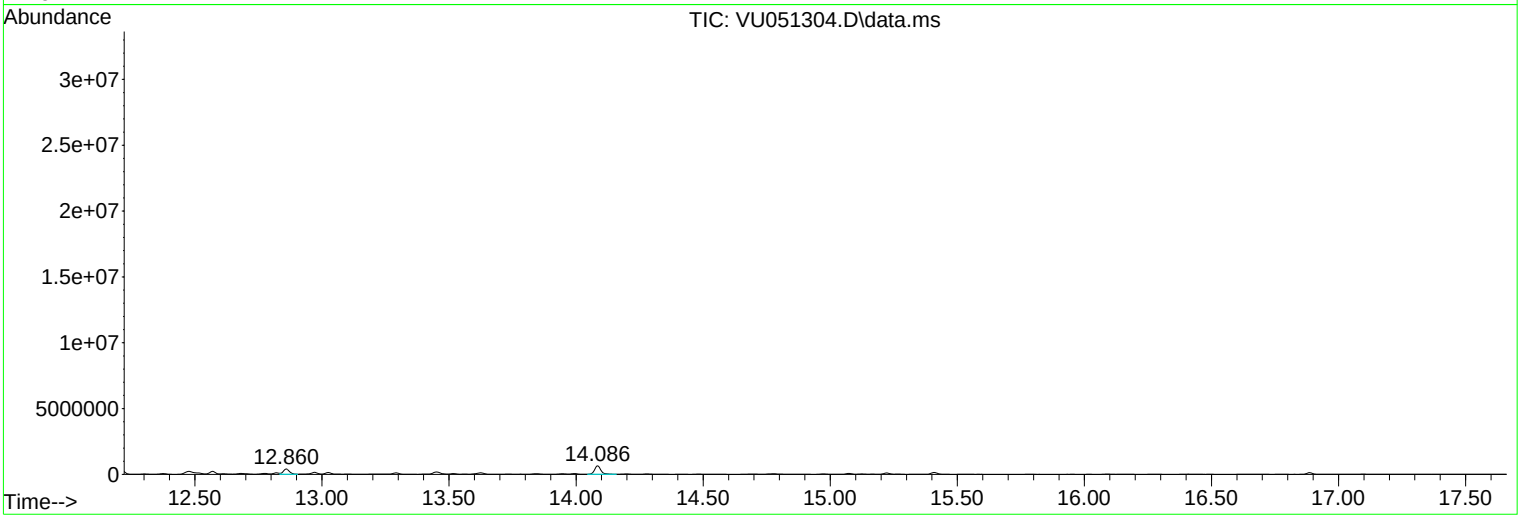
**Instrument :**
MSVOA_U
**ClientSampleId :**
BHA40

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051304.D
Acq On : 09 Oct 2022 16:51
Operator : JC/MD
Sample : N5013-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHA40

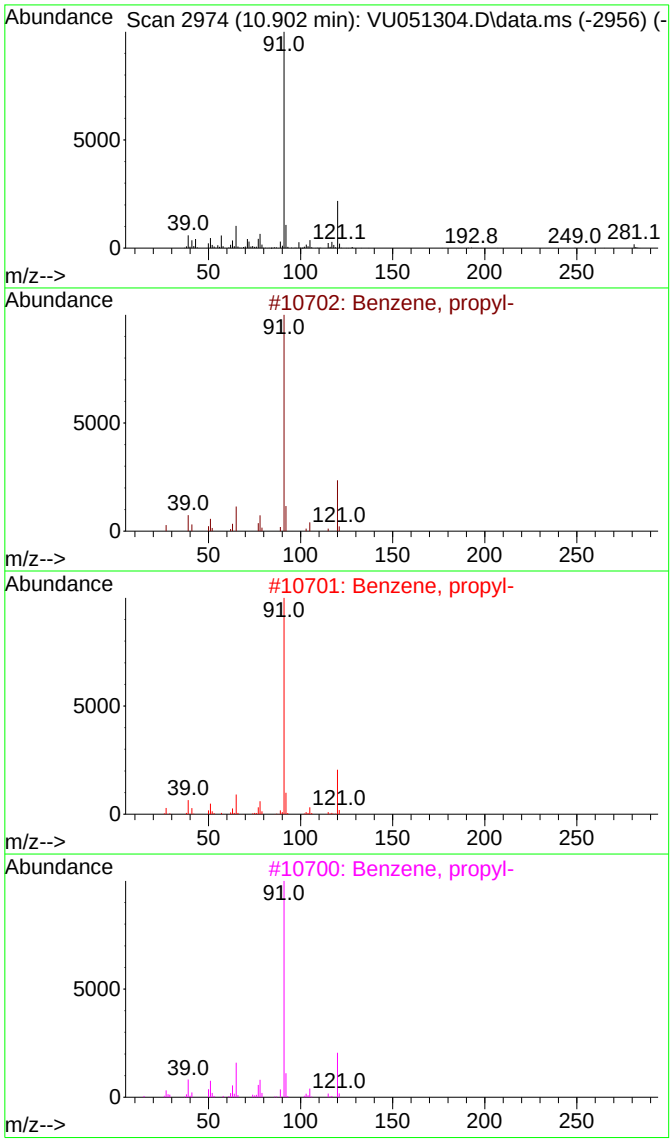
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

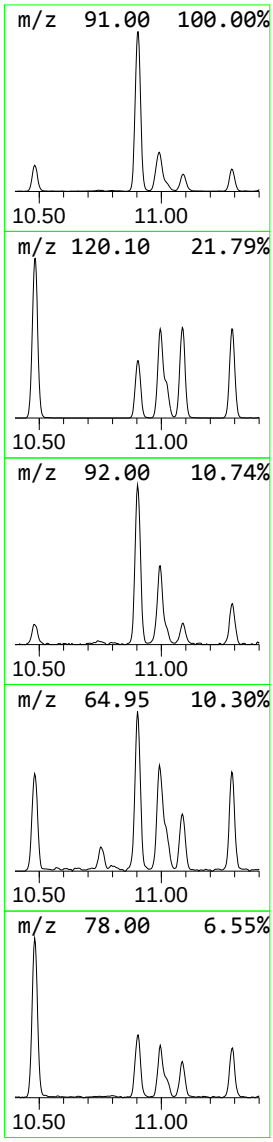
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Benzene, propyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.902 | 3.70 ug/L | 892591 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 93 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 87 |
| 3 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 87 |
| 4 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 80 |
| 5 | Ethanol, 2-[(phenylmethyl)amino]- | 151 | C9H13NO | 000104-63-2 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051304.D
Acq On : 09 Oct 2022 16:51
Operator : JC/MD
Sample : N5013-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHA40

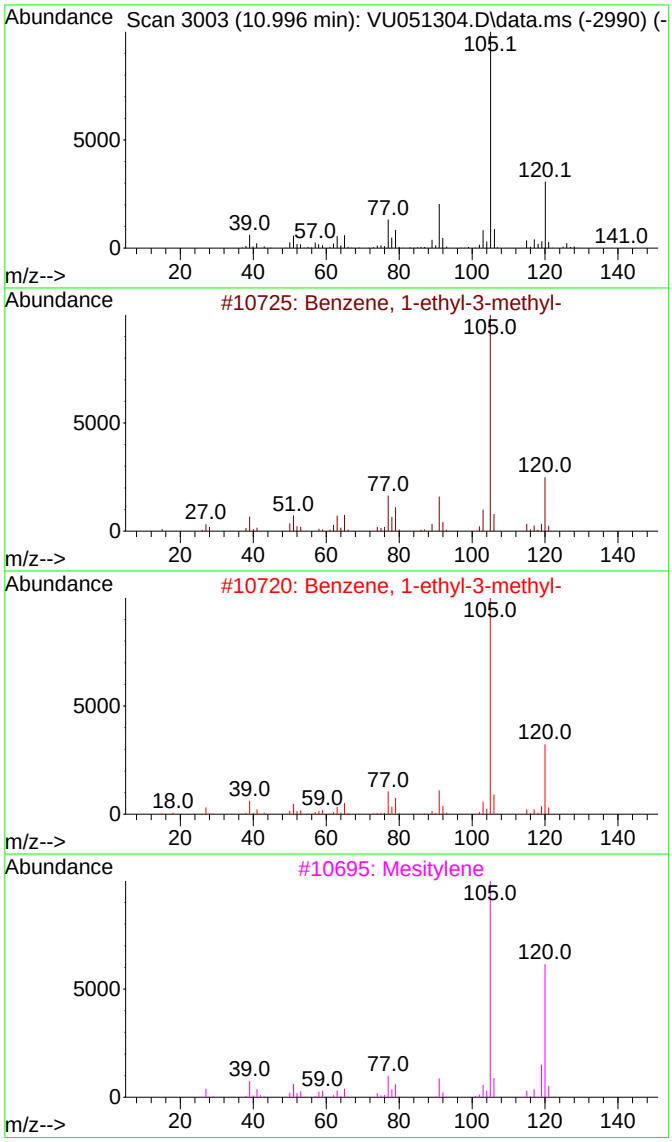
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

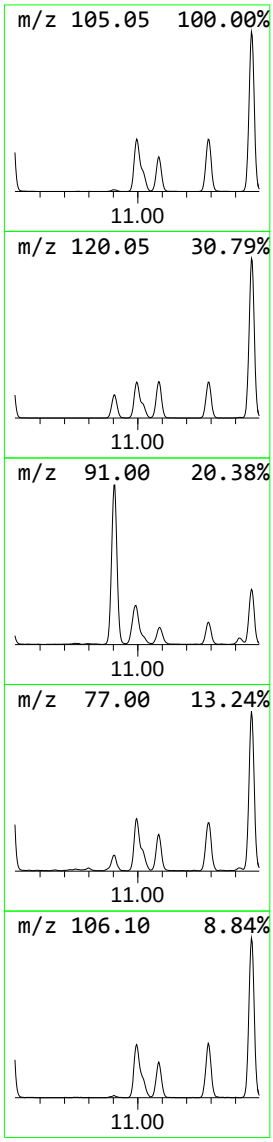
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.996 | 4.19 ug/L | 1011130 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 90 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 90 |
| 4 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 90 |
| 5 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051304.D
Acq On : 09 Oct 2022 16:51
Operator : JC/MD
Sample : N5013-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHA40

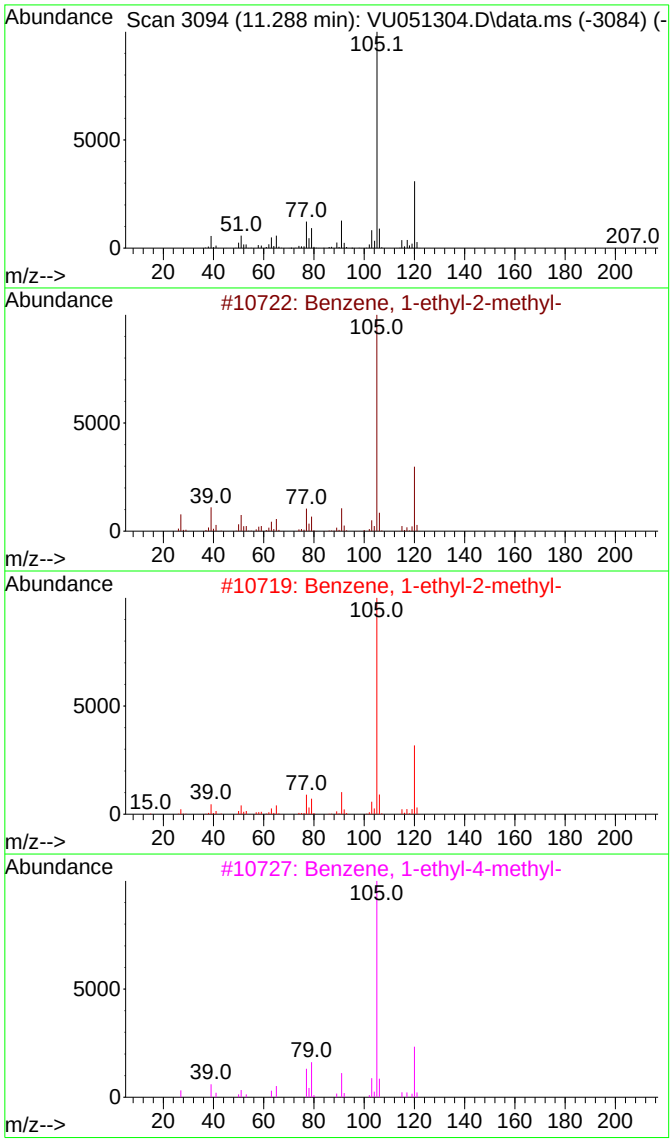
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

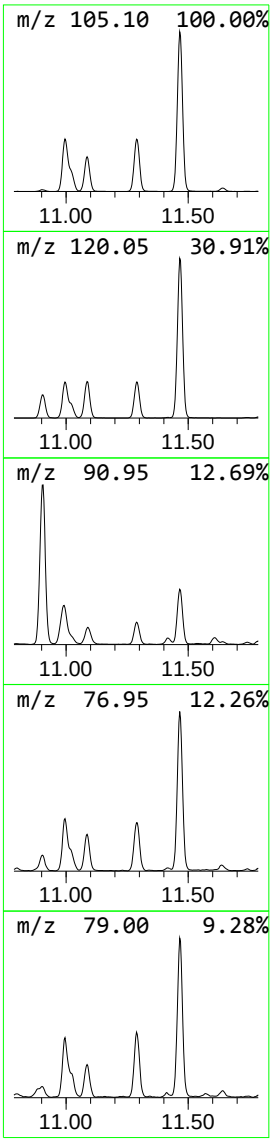
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.288 | 3.45 ug/L | 831922 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 2 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 3 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 93 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051304.D
Acq On : 09 Oct 2022 16:51
Operator : JC/MD
Sample : N5013-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHA40

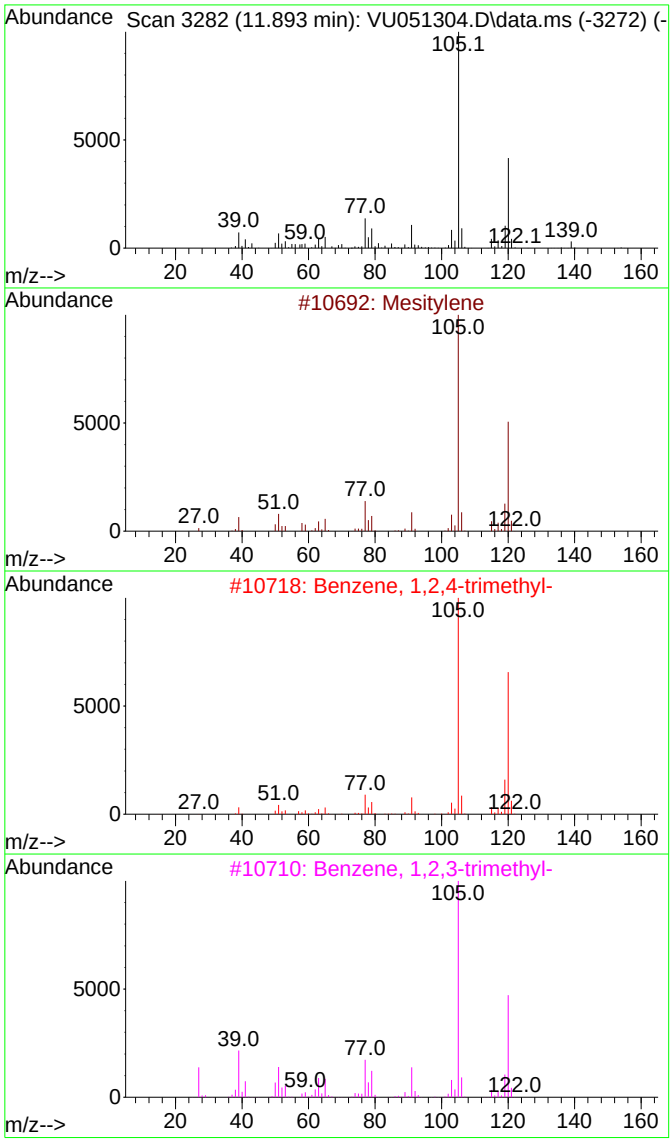
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

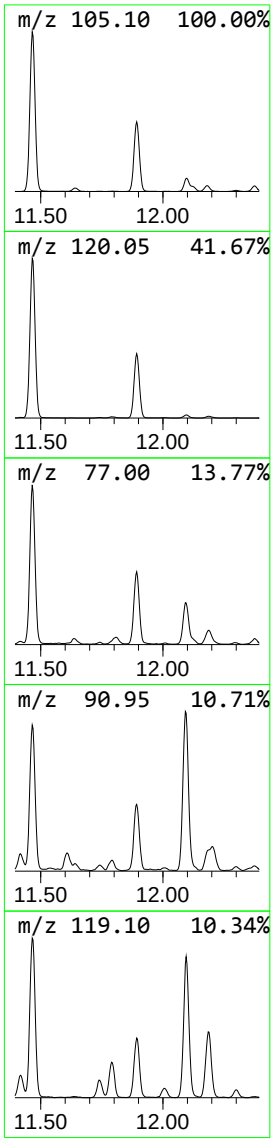
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.893 | 5.46 ug/L | 1315950 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 2 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051304.D
Acq On : 09 Oct 2022 16:51
Operator : JC/MD
Sample : N5013-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHA40

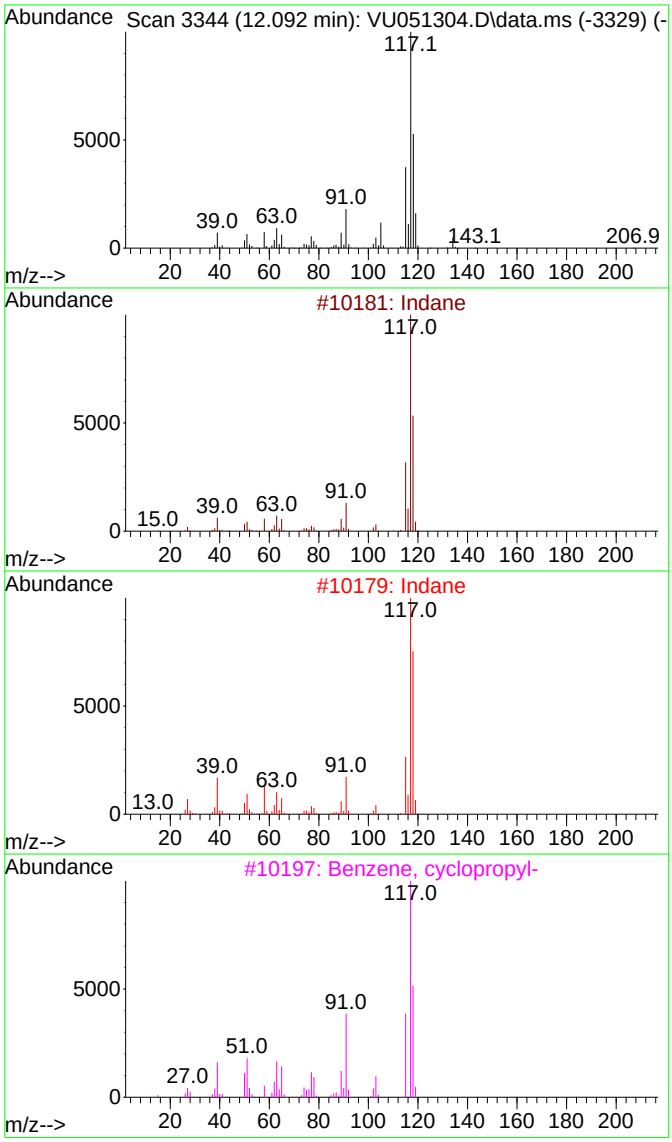
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

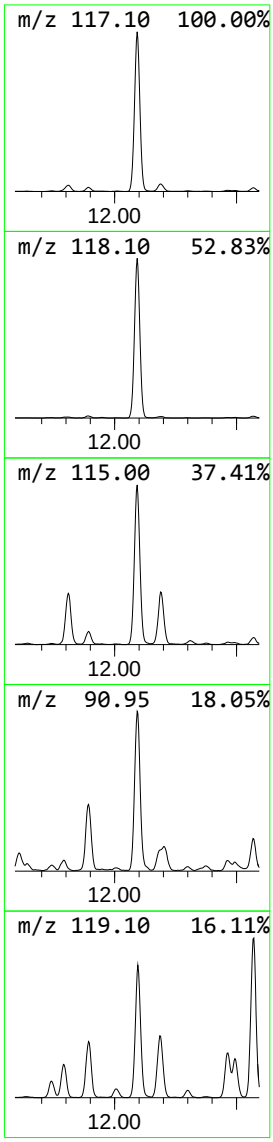
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Indane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.092 | 9.16 ug/L | 2208850 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 94 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 81 |
| 3 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 76 |
| 4 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 68 |
| 5 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051304.D
Acq On : 09 Oct 2022 16:51
Operator : JC/MD
Sample : N5013-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHA40

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

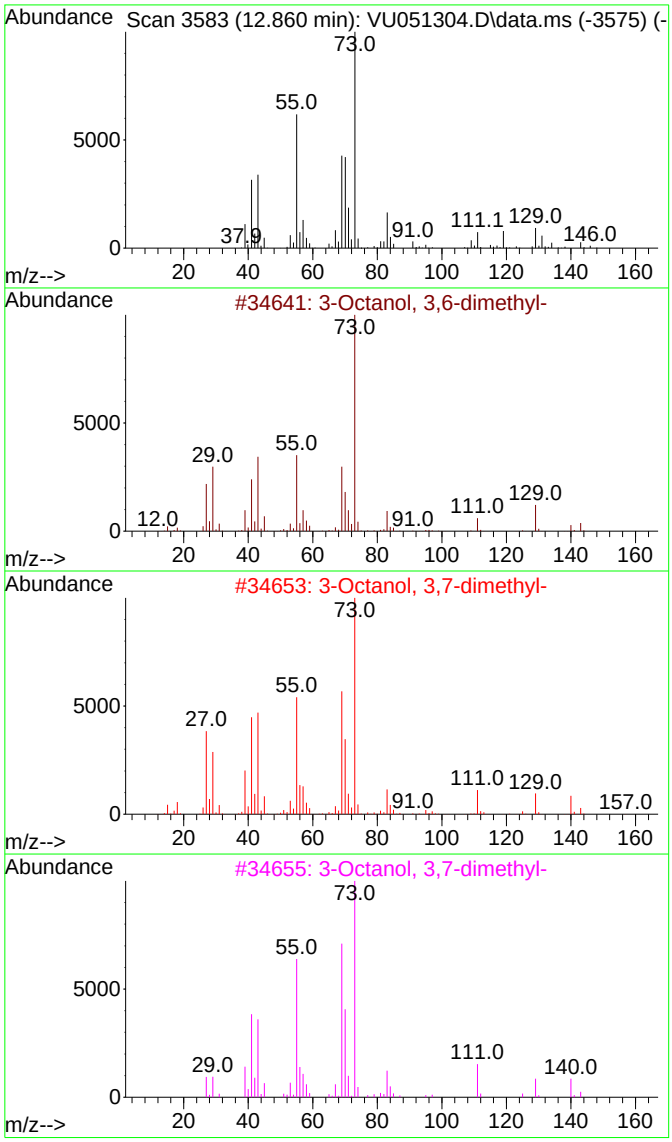
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

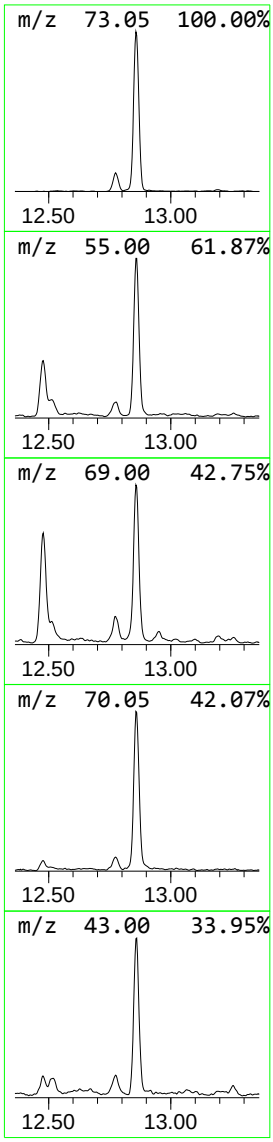
**********

Peak Number 6 unknown-01 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.861 | 2.67 ug/L | 642936 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Octanol, 3,6-dimethyl- | 158 | C10H22O | 000151-19-9 | 43 |
| 2 | 3-Octanol, 3,7-dimethyl- | 158 | C10H22O | 000078-69-3 | 42 |
| 3 | 3-Octanol, 3,7-dimethyl- | 158 | C10H22O | 000078-69-3 | 38 |
| 4 | 3-Octanol, 3,7-dimethyl- | 158 | C10H22O | 000078-69-3 | 35 |
| 5 | Cyclohexane, 1,2,3-trimethyl- | 126 | C9H18 | 001678-97-3 | 32 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051304.D
Acq On : 09 Oct 2022 16:51
Operator : JC/MD
Sample : N5013-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHA40

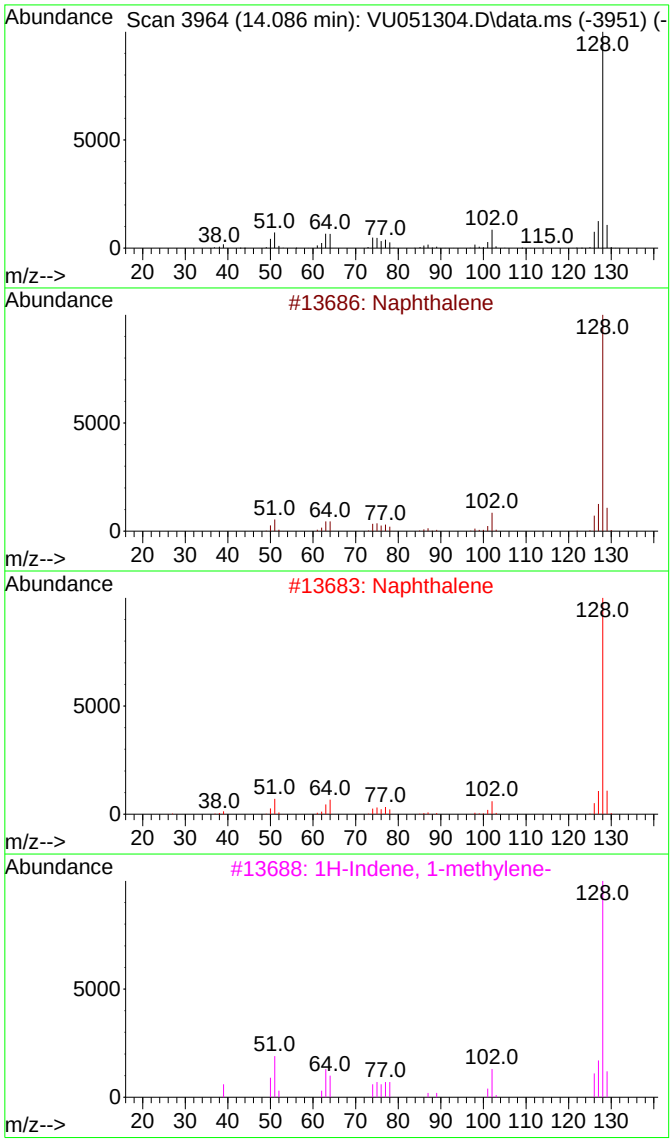
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

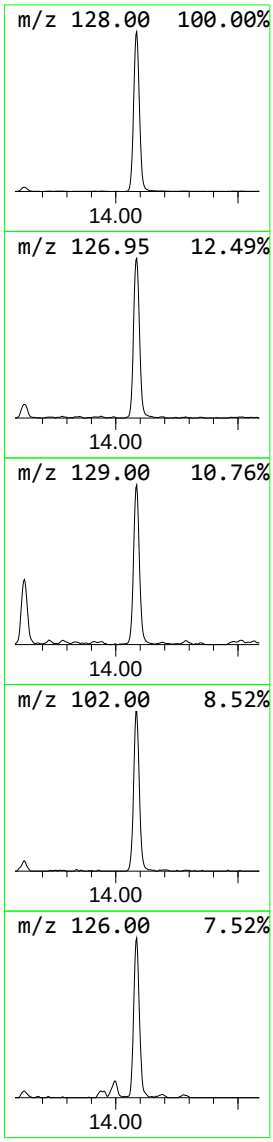
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 1H-Indene, 1-methylene- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.086 | 4.52 ug/L | 1089050 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene | 128 | C10H8 | 000091-20-3 | 95 |
| 2 | Naphthalene | 128 | C10H8 | 000091-20-3 | 94 |
| 3 | 1H-Indene, 1-methylene- | 128 | C10H8 | 002471-84-3 | 91 |
| 4 | Azulene | 128 | C10H8 | 000275-51-4 | 91 |
| 5 | Azulene | 128 | C10H8 | 000275-51-4 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051304.D
Acq On : 09 Oct 2022 16:51
Operator : JC/MD
Sample : N5013-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHA40

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzene, propyl- | 10.902 | 3.7 | ug/L | 892591 | 3 | 11.809 | 1205380 | 5.0 |
| Benzene, 1-ethy... | 10.996 | 4.2 | ug/L | 1011130 | 3 | 11.809 | 1205380 | 5.0 |
| Benzene, 1-ethy... | 11.288 | 3.5 | ug/L | 831922 | 3 | 11.809 | 1205380 | 5.0 |
| Benzene, 1,2,4-... | 11.893 | 5.5 | ug/L | 1315950 | 3 | 11.809 | 1205380 | 5.0 |
| Indane | 12.092 | 9.2 | ug/L | 2208850 | 3 | 11.809 | 1205380 | 5.0 |
| unknown-01 | 12.861 | 2.7 | ug/L | 642936 | 3 | 11.809 | 1205380 | 5.0 |
| 1H-Indene, 1-me... | 14.086 | 4.5 | ug/L | 1089050 | 3 | 11.809 | 1205380 | 5.0 |