LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

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\SFAMUTR032423WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU053398.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.597 | 68 | 80 | 90 | rBV3 | 102839 | 142331 | 3.56% | 0.934% |
| 2 | 1.912 | 169 | 178 | 193 | rVB | 58667 | 80410 | 2.01% | 0.528% |
| 3 | 2.375 | 312 | 322 | 341 | rVB2 | 39064 | 68947 | 1.72% | 0.453% |
| 4 | 2.565 | 368 | 381 | 400 | rVB | 106284 | 174388 | 4.36% | 1.145% |
| 5 | 4.661 | 1011 | 1033 | 1079 | rBV3 | 34028 | 180297 | 4.51% | 1.184% |
| 6 | 5.057 | 1142 | 1156 | 1179 | rVB | 93743 | 212901 | 5.33% | 1.398% |
| 7 | 5.382 | 1242 | 1257 | 1271 | rBV4 | 21546 | 48040 | 1.20% | 0.315% |
| 8 | 5.719 | 1342 | 1362 | 1391 | rBV4 | 181050 | 489557 | 12.25% | 3.214% |
| 9 | 6.243 | 1511 | 1525 | 1547 | rBV | 155375 | 298260 | 7.46% | 1.958% |
| 10 | 6.687 | 1650 | 1663 | 1675 | rBV | 112511 | 219578 | 5.49% | 1.442% |
| 11 | 6.761 | 1676 | 1686 | 1696 | rVB4 | 20559 | 42446 | 1.06% | 0.279% |
| 12 | 7.562 | 1921 | 1935 | 1949 | rBV3 | 55167 | 99052 | 2.48% | 0.650% |
| 13 | 7.893 | 2026 | 2038 | 2054 | rVB | 235897 | 401874 | 10.05% | 2.638% |
| 14 | 8.173 | 2115 | 2125 | 2139 | rBV2 | 31950 | 54513 | 1.36% | 0.358% |
| 15 | 8.632 | 2254 | 2268 | 2299 | rBV2 | 205600 | 450146 | 11.26% | 2.955% |
| 16 | 9.443 | 2497 | 2520 | 2536 | rBV | 2244417 | 3997322 | 100.00% | 26.244% |
| 17 | 9.687 | 2583 | 2596 | 2611 | rBV7 | 26045 | 55735 | 1.39% | 0.366% |
| 18 | 10.478 | 2832 | 2842 | 2853 | rBV | 114914 | 179143 | 4.48% | 1.176% |
| 19 | 10.751 | 2917 | 2927 | 2937 | rBV | 90280 | 147101 | 3.68% | 0.966% |
| 20 | 11.291 | 3084 | 3095 | 3113 | rBV5 | 31501 | 66419 | 1.66% | 0.436% |
| 21 | 11.414 | 3123 | 3133 | 3141 | rBV | 30635 | 46854 | 1.17% | 0.308% |
| 22 | 11.603 | 3181 | 3192 | 3197 | rBV | 59058 | 93259 | 2.33% | 0.612% |
| 23 | 11.639 | 3197 | 3203 | 3213 | rVB | 86410 | 129709 | 3.24% | 0.852% |
| 24 | 11.809 | 3243 | 3256 | 3260 | rBV | 257699 | 435172 | 10.89% | 2.857% |
| 25 | 12.002 | 3308 | 3316 | 3330 | rVB2 | 49820 | 78688 | 1.97% | 0.517% |
| 26 | 12.092 | 3330 | 3344 | 3356 | rBV2 | 736342 | 1160911 | 29.04% | 7.622% |
| 27 | 12.189 | 3362 | 3374 | 3390 | rVB2 | 269851 | 524314 | 13.12% | 3.442% |
| 28 | 12.298 | 3395 | 3408 | 3417 | rBV2 | 78748 | 122936 | 3.08% | 0.807% |
| 29 | 12.565 | 3474 | 3491 | 3499 | rBV | 456837 | 693512 | 17.35% | 4.553% |
| 30 | 12.607 | 3499 | 3504 | 3516 | rVV | 105443 | 162957 | 4.08% | 1.070% |
| 31 | 12.680 | 3516 | 3527 | 3545 | rVB3 | 274373 | 653848 | 16.36% | 4.293% |
| 32 | 12.861 | 3568 | 3583 | 3596 | rVB | 48704 | 93873 | 2.35% | 0.616% |
| 33 | 12.967 | 3596 | 3616 | 3627 | rVV | 927357 | 1440417 | 36.03% | 9.457% |
| 34 | 13.024 | 3627 | 3634 | 3646 | rVV3 | 37313 | 67396 | 1.69% | 0.442% |
| 35 | 13.102 | 3647 | 3658 | 3672 | rVB3 | 80315 | 130958 | 3.28% | 0.860% |
| 36 | 13.195 | 3678 | 3687 | 3692 | rBV2 | 30111 | 46330 | 1.16% | 0.304% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : O2041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

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\SFAMUTR032423WMA.M
Title : TRACE VOA SFAM1.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.250 | 3693 | 3704 | 3707 | rVV5 | 40611 | 79557 | 1.99% | 0.522% |
| 38 | 13.288 | 3707 | 3716 | 3733 | rVB | 349648 | 544690 | 13.63% | 3.576% |
| 39 | 13.410 | 3743 | 3754 | 3757 | rBV2 | 48017 | 68440 | 1.71% | 0.449% |
| 40 | 13.449 | 3757 | 3766 | 3783 | rVB | 431027 | 707972 | 17.71% | 4.648% |
| 41 | 13.555 | 3791 | 3799 | 3812 | rVV2 | 58207 | 89854 | 2.25% | 0.590% |
| 42 | 13.777 | 3861 | 3868 | 3875 | rVV2 | 29306 | 42485 | 1.06% | 0.279% |
| 43 | 13.828 | 3875 | 3884 | 3895 | rVV3 | 111966 | 178767 | 4.47% | 1.174% |
| 44 | 13.957 | 3913 | 3924 | 3938 | rVB2 | 47568 | 108768 | 2.72% | 0.714% |
| 45 | 14.282 | 4003 | 4025 | 4034 | rBV10 | 22371 | 55937 | 1.40% | 0.367% |
| 46 | 17.092 | 4890 | 4899 | 4911 | rVB2 | 38947 | 65441 | 1.64% | 0.430% |

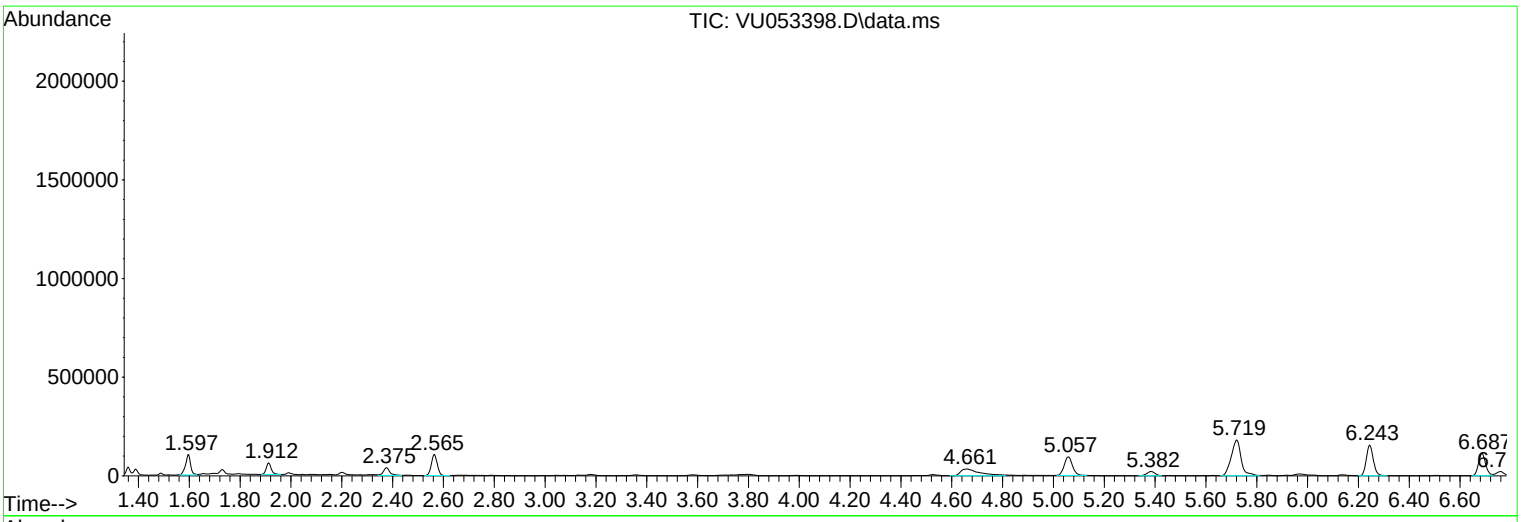
Sum of corrected areas: 15231505

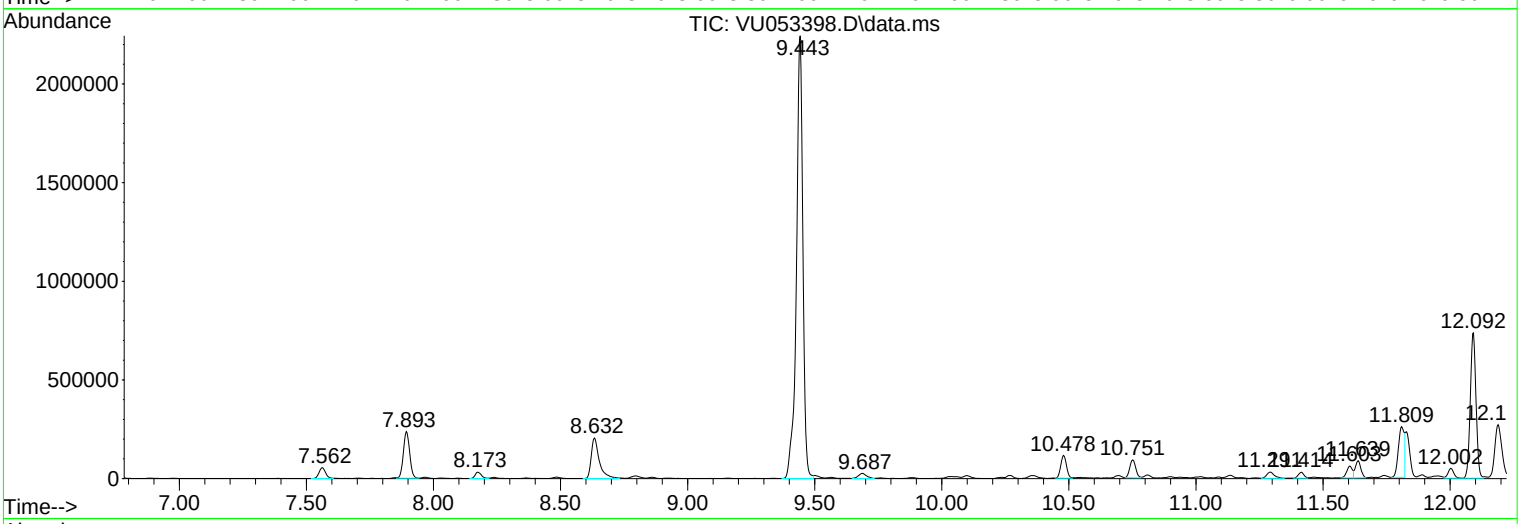
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

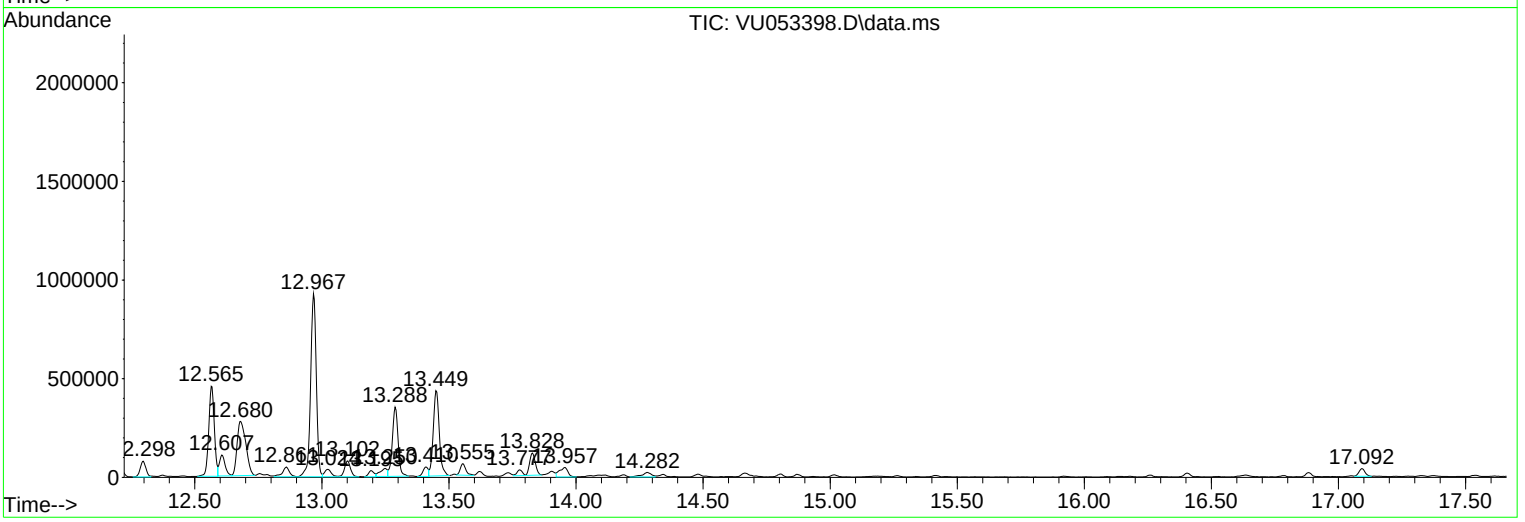
**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.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\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

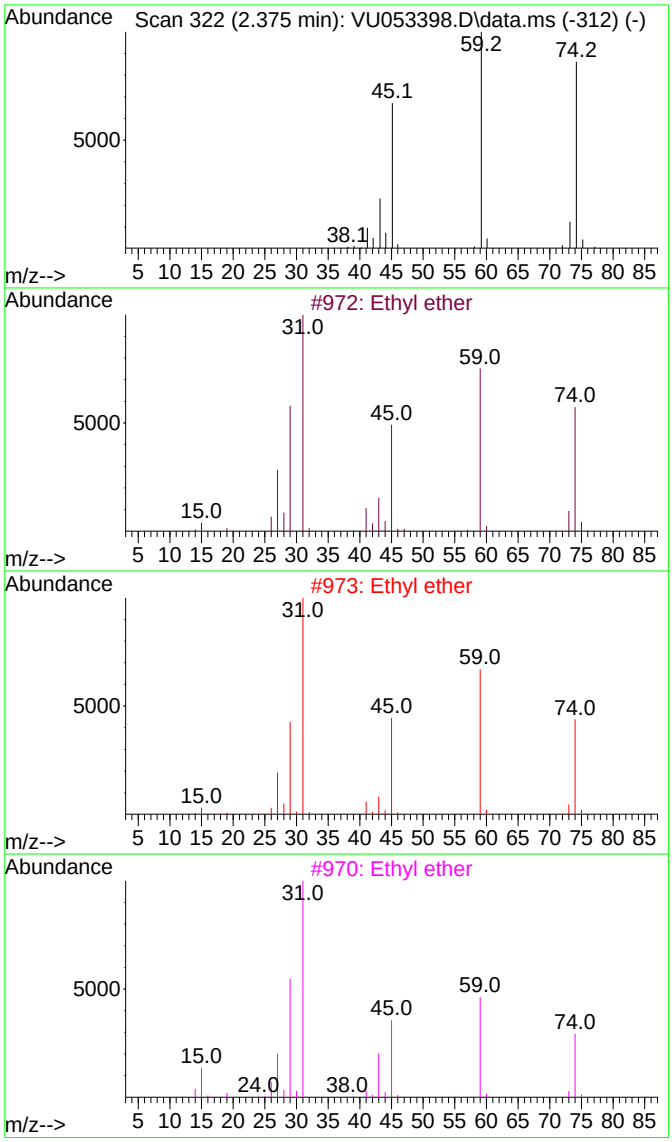
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

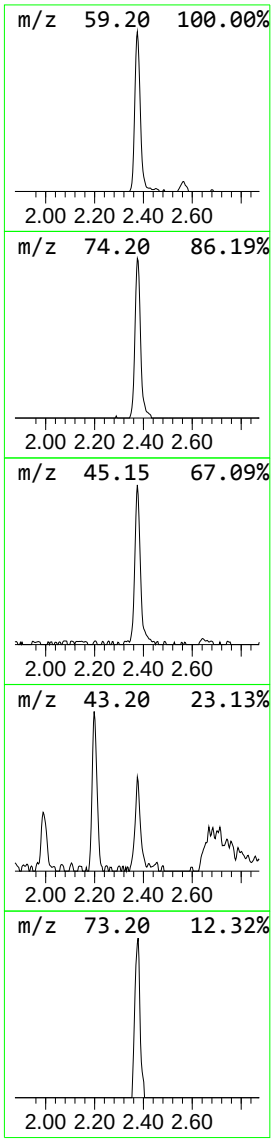
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Ethyl ether Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.375 | 1.16 ug/L | 68947 | 1,4-Difluorobenzene | 6.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethyl ether | 74 | C4H10O | 000060-29-7 | 90 |
| 2 | Ethyl ether | 74 | C4H10O | 000060-29-7 | 90 |
| 3 | Ethyl ether | 74 | C4H10O | 000060-29-7 | 83 |
| 4 | Ethane, 1,2-diethoxy- | 118 | C6H14O2 | 000629-14-1 | 72 |
| 5 | Ethyl ether | 74 | C4H10O | 000060-29-7 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

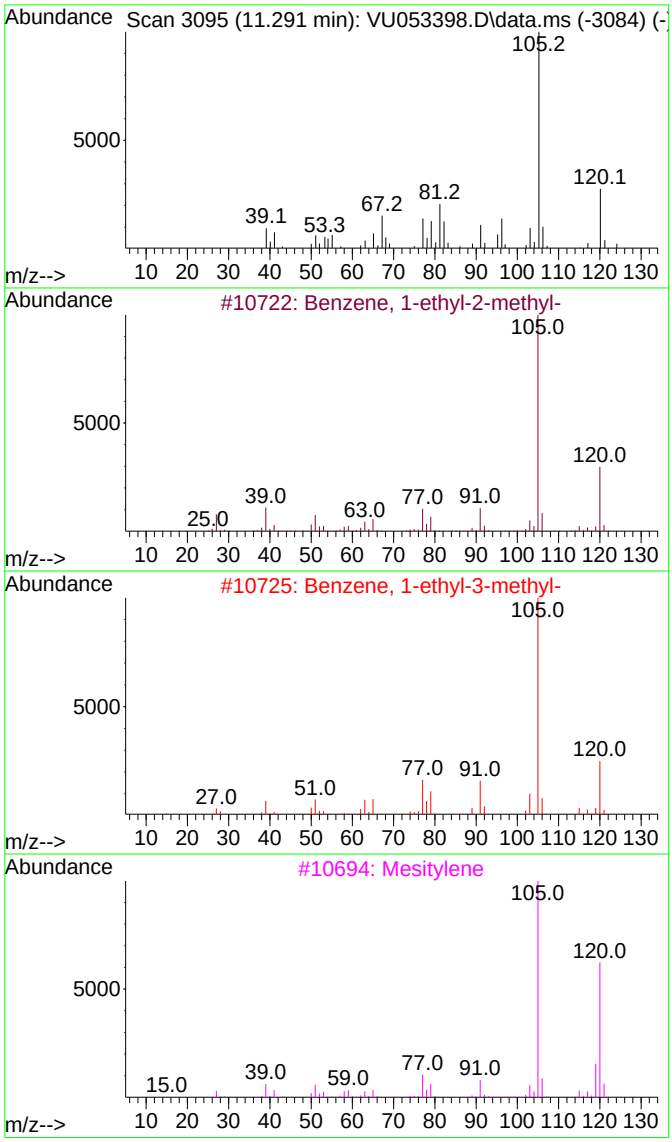
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

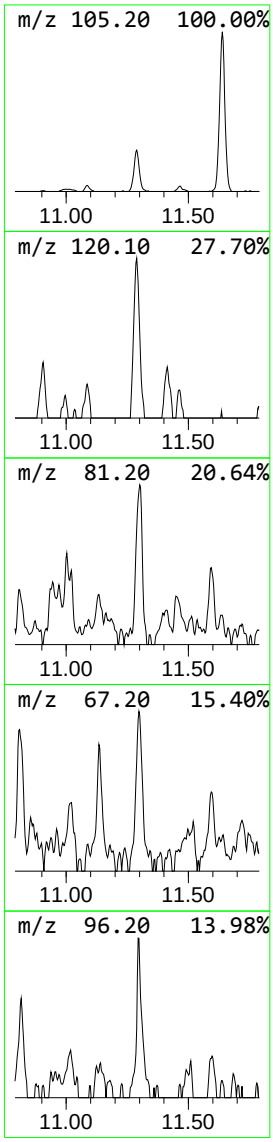
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.291 | 0.76 ug/L | 66419 | 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 | 93 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 76 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 76 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 76 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 76 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

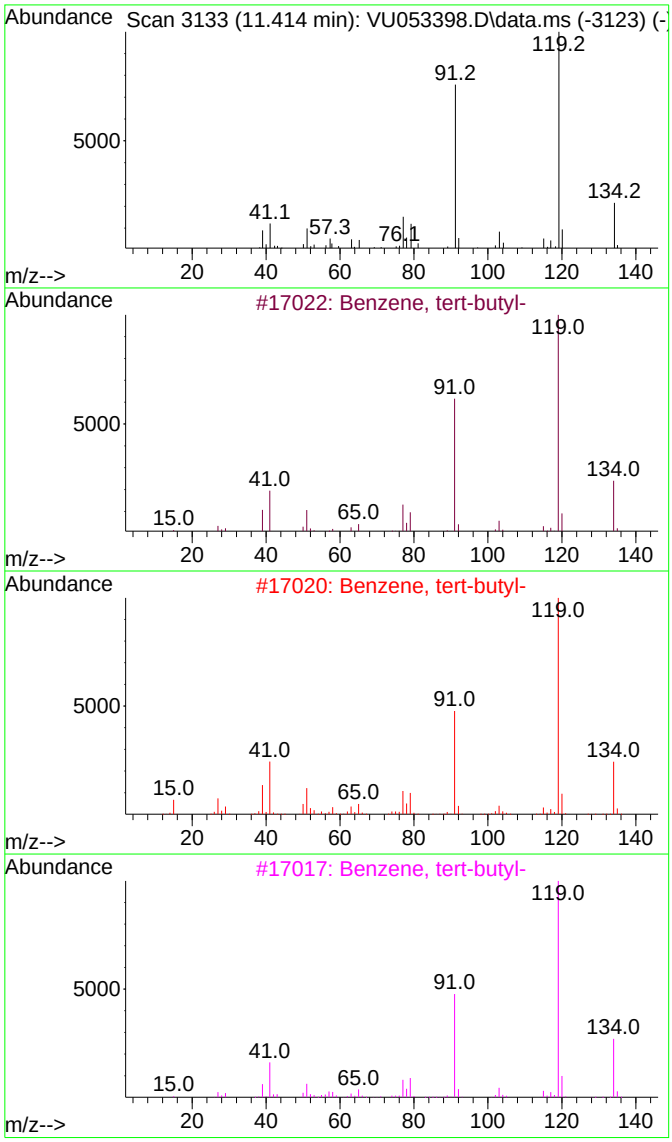
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

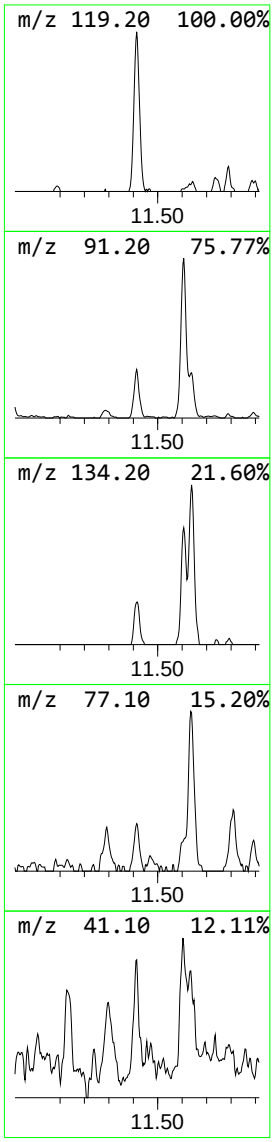
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Benzene, tert-butyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.414 | 0.54 ug/L | 46854 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, tert-butyl- | 134 | C10H14 | 000098-06-6 | 97 |
| 2 | Benzene, tert-butyl- | 134 | C10H14 | 000098-06-6 | 90 |
| 3 | Benzene, tert-butyl- | 134 | C10H14 | 000098-06-6 | 87 |
| 4 | Benzene, tert-butyl- | 134 | C10H14 | 000098-06-6 | 87 |
| 5 | 2,6-Dimethyl-1,3,5,7-octatetraen... | 134 | C10H14 | 000460-01-5 | 80 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

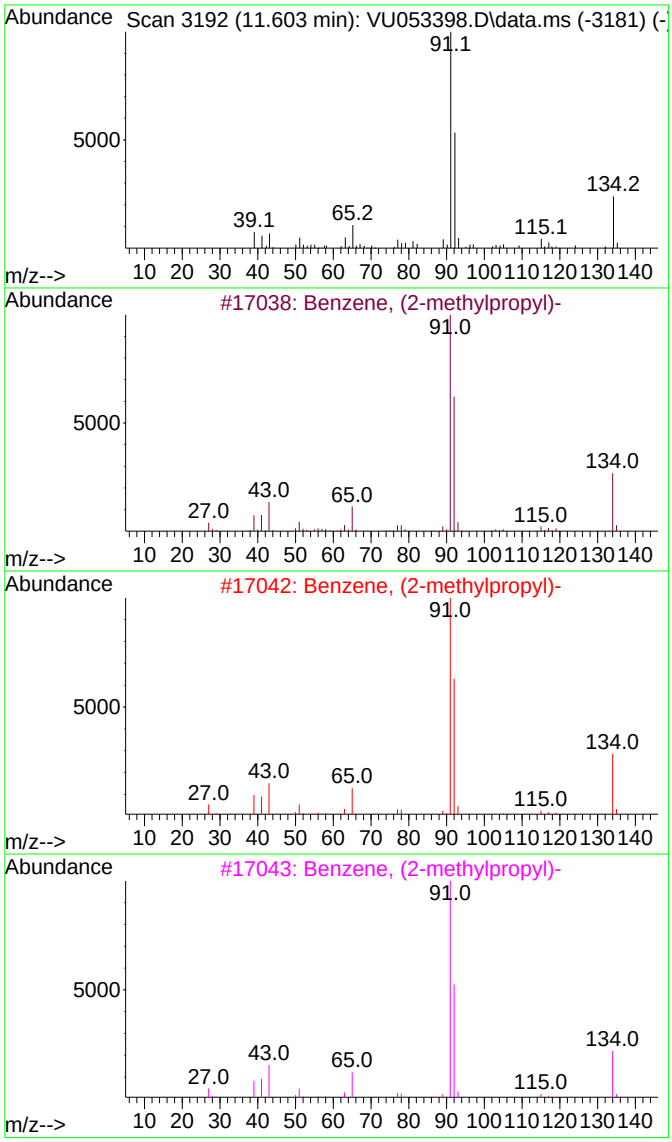
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

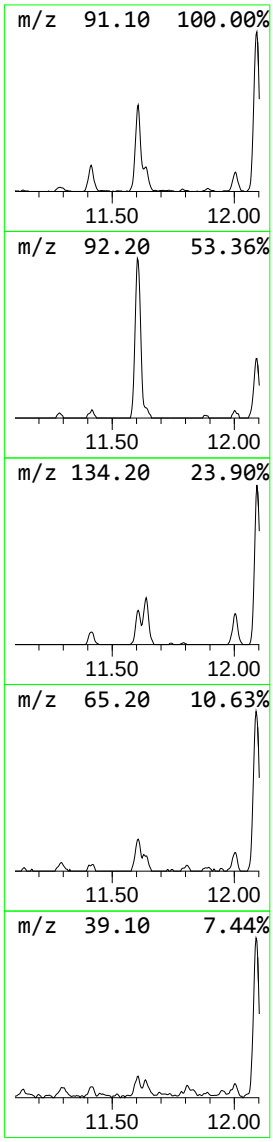
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, (2-methylpropyl)- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.603 | 1.07 ug/L | 93259 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2-methylpropyl)- | 134 | C10H14 | 000538-93-2 | 90 |
| 2 | Benzene, (2-methylpropyl)- | 134 | C10H14 | 000538-93-2 | 90 |
| 3 | Benzene, (2-methylpropyl)- | 134 | C10H14 | 000538-93-2 | 87 |
| 4 | Benzene, (2-methylpropyl)- | 134 | C10H14 | 000538-93-2 | 87 |
| 5 | Benzene, n-butyl- | 134 | C10H14 | 000104-51-8 | 80 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

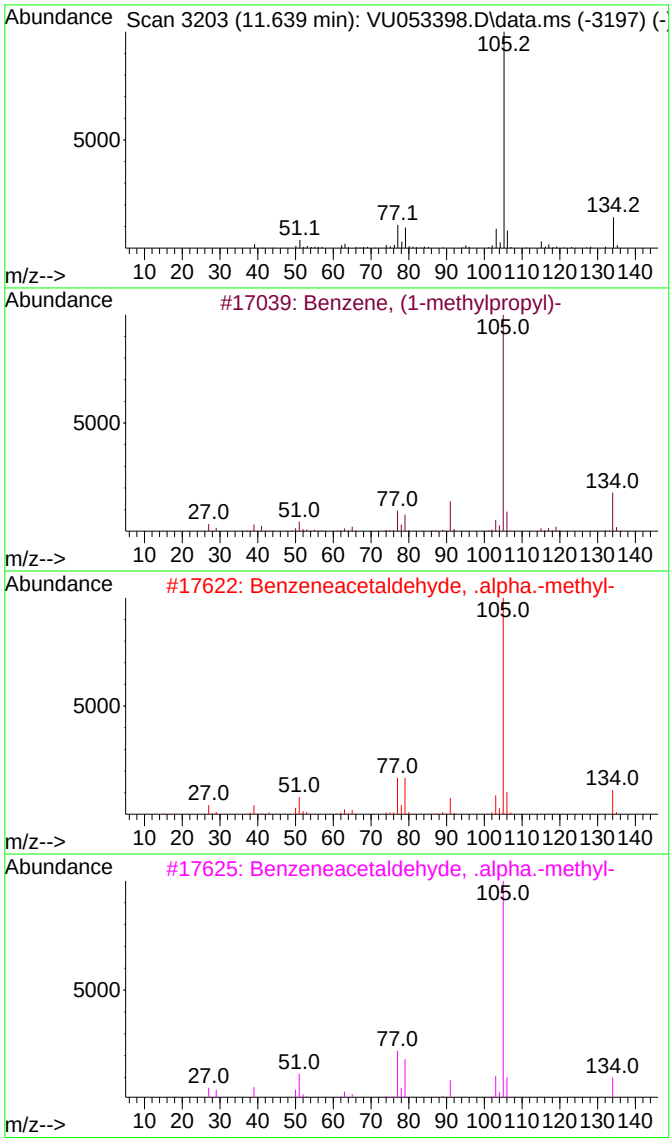
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

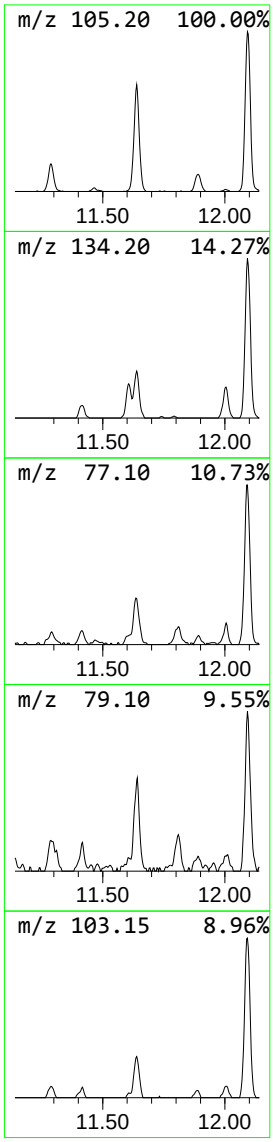
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, (1-methylpropyl)- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.639 | 1.49 ug/L | 129709 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 90 |
| 2 | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O | 000093-53-8 | 87 |
| 3 | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O | 000093-53-8 | 86 |
| 4 | Benzeneacetaldehyde, 4-methyl- | 134 | C9H10O | 000104-09-6 | 86 |
| 5 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

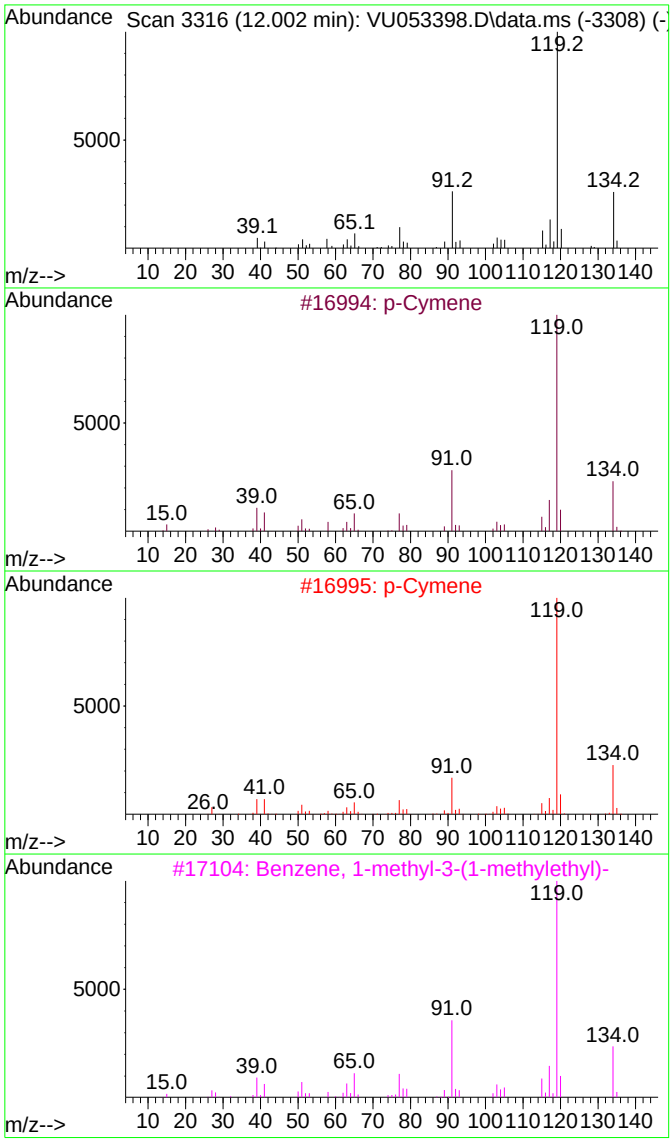
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

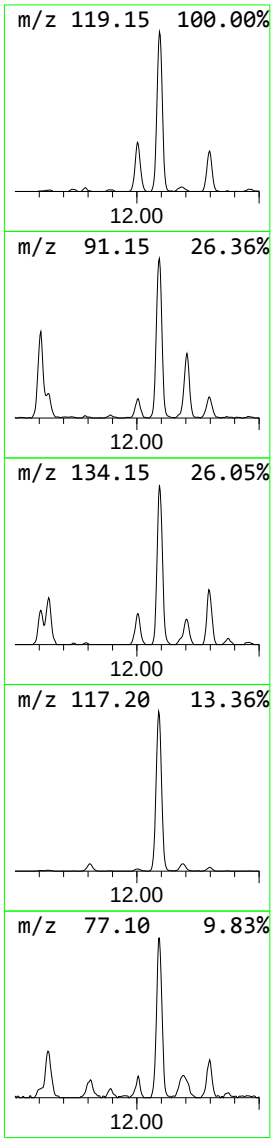
**********

Peak Number 7 p-Cymene Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.002 | 0.90 ug/L | 78688 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Cymene | 134 | C10H14 | 000099-87-6 | 97 |
| 2 | p-Cymene | 134 | C10H14 | 000099-87-6 | 94 |
| 3 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 94 |
| 4 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 94 |
| 5 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

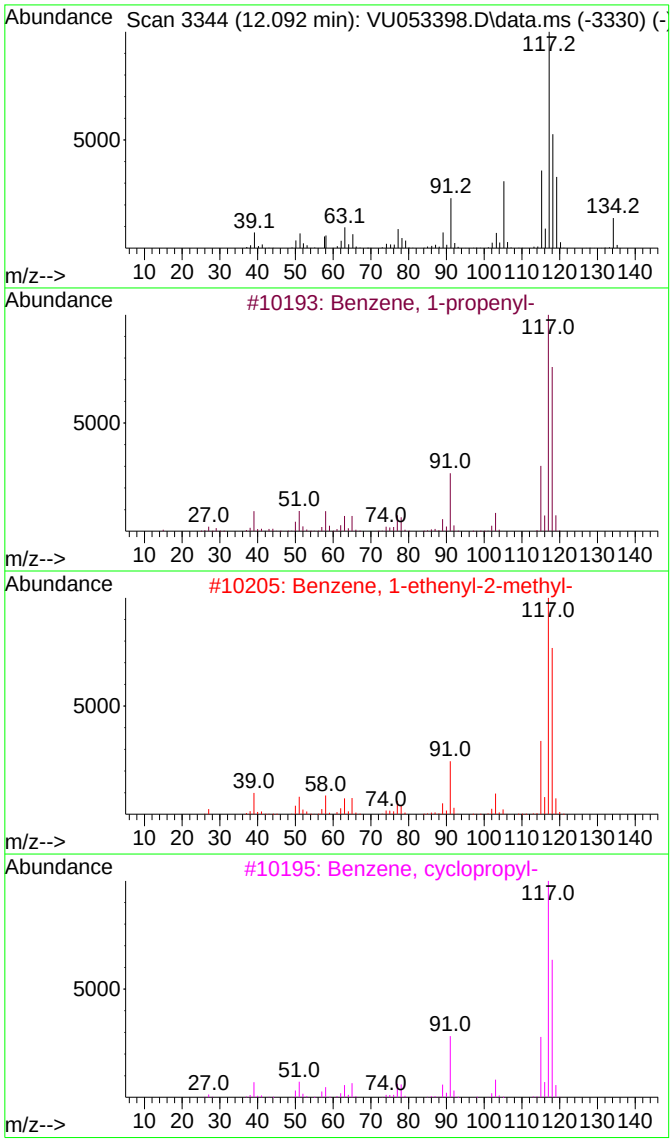
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

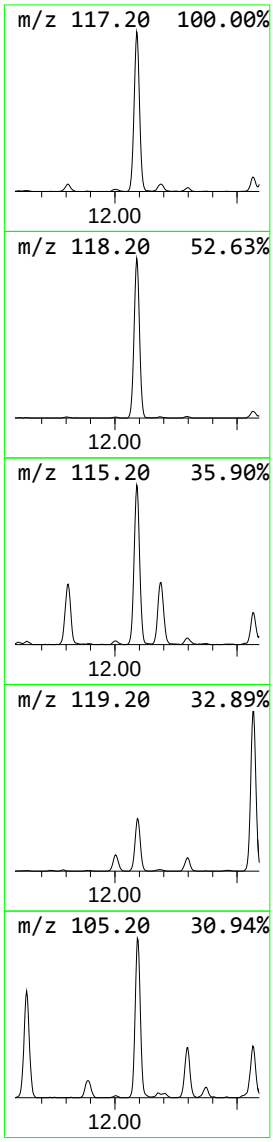
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1-propenyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.092 | 13.34 ug/L | 1160910 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-propenyl- | 118 | C9H10 | 000637-50-3 | 92 |
| 2 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 91 |
| 3 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 91 |
| 4 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 86 |
| 5 | Indane | 118 | C9H10 | 000496-11-7 | 70 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

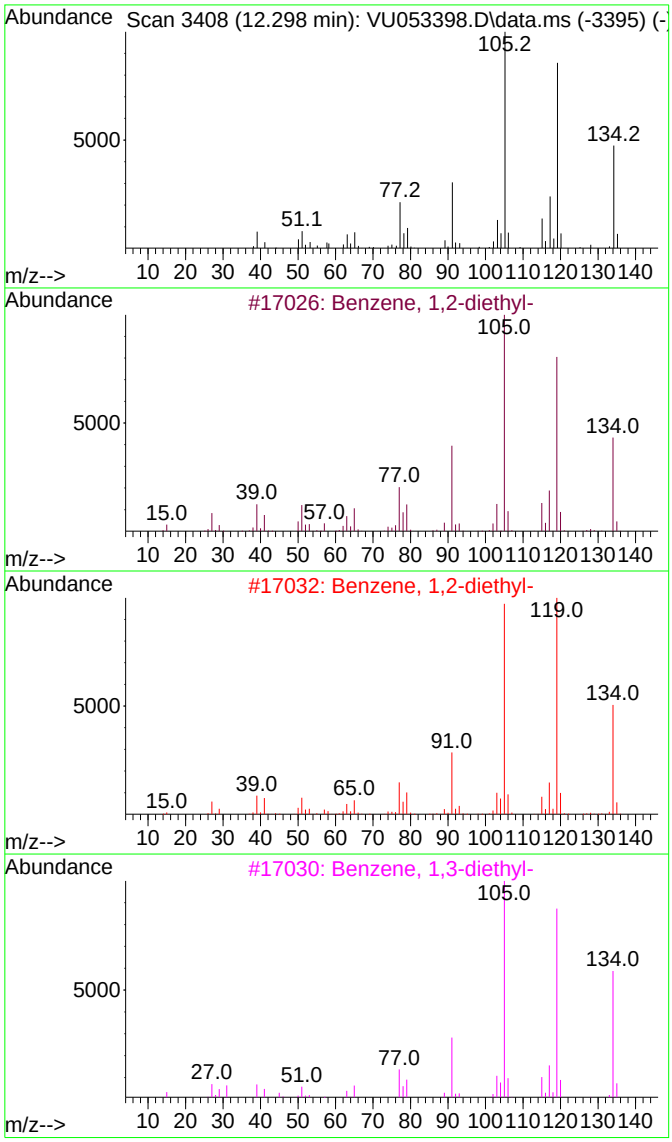
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

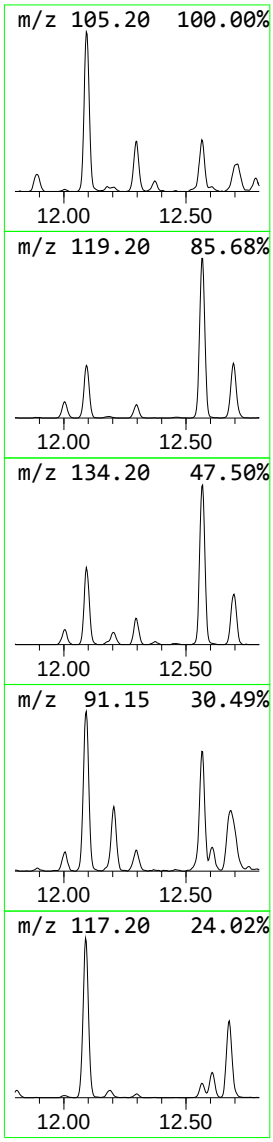
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.298 | 1.41 ug/L | 122936 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 96 |
| 2 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 90 |
| 3 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 87 |
| 4 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 86 |
| 5 | 2,6-Dimethyl-1,3,5,7-octatetraen... | 134 | C10H14 | 000460-01-5 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

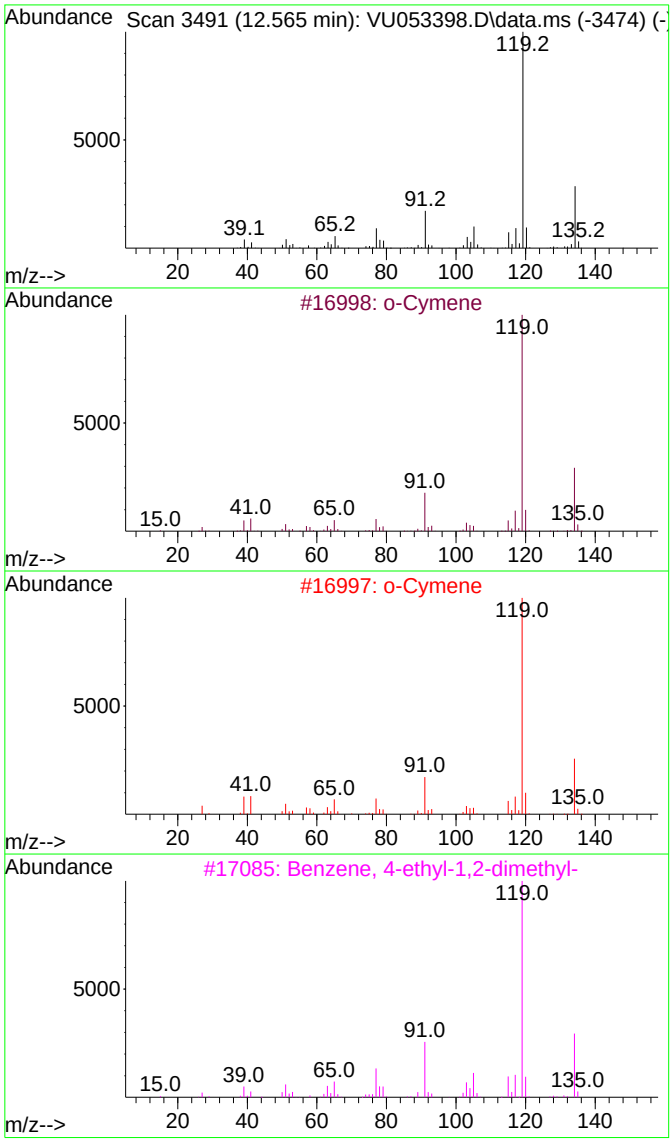
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

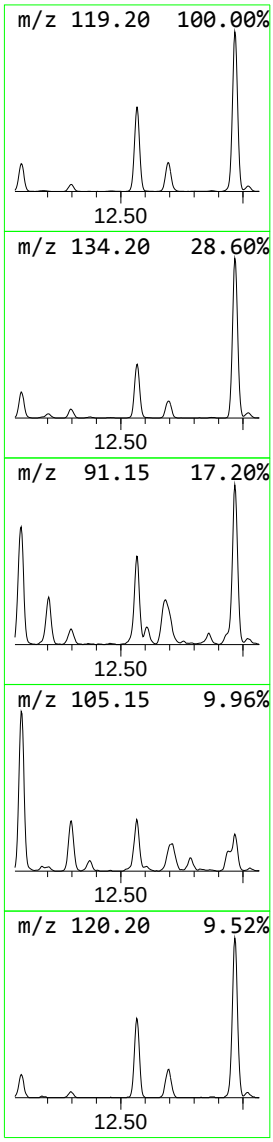
**********

Peak Number 10 o-Cymene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.565 | 7.97 ug/L | 693512 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 3 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 95 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 95 |
| 5 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

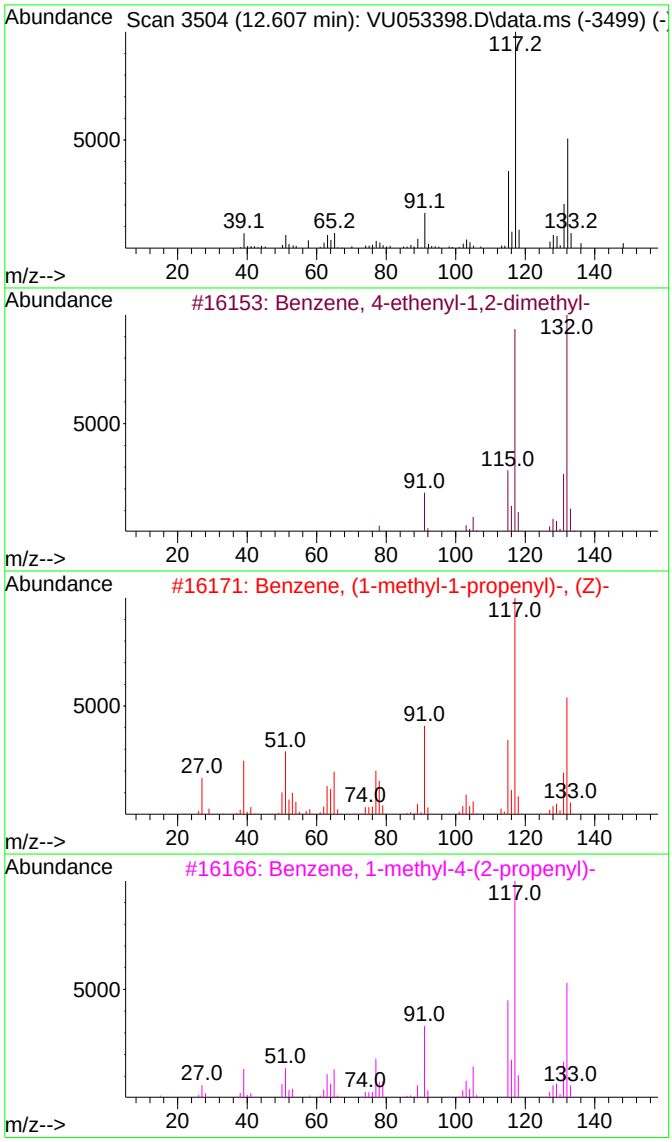
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

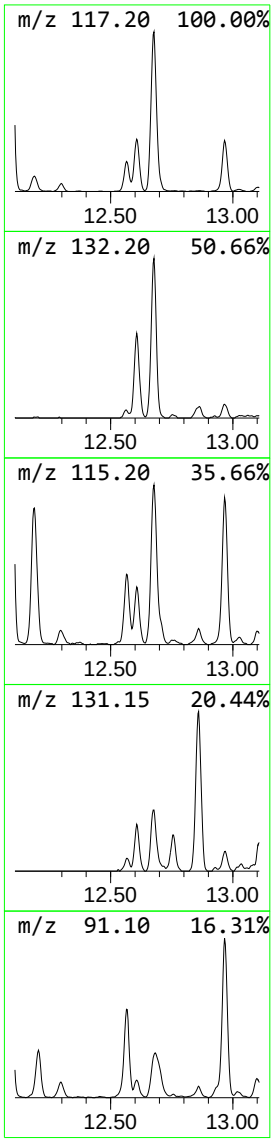
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.607 | 1.87 ug/L | 162957 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethenyl-1,2-dimethyl- | 132 | C10H12 | 027831-13-6 | 94 |
| 2 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000767-99-7 | 91 |
| 3 | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12 | 003333-13-9 | 90 |
| 4 | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12 | 002039-90-9 | 90 |
| 5 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

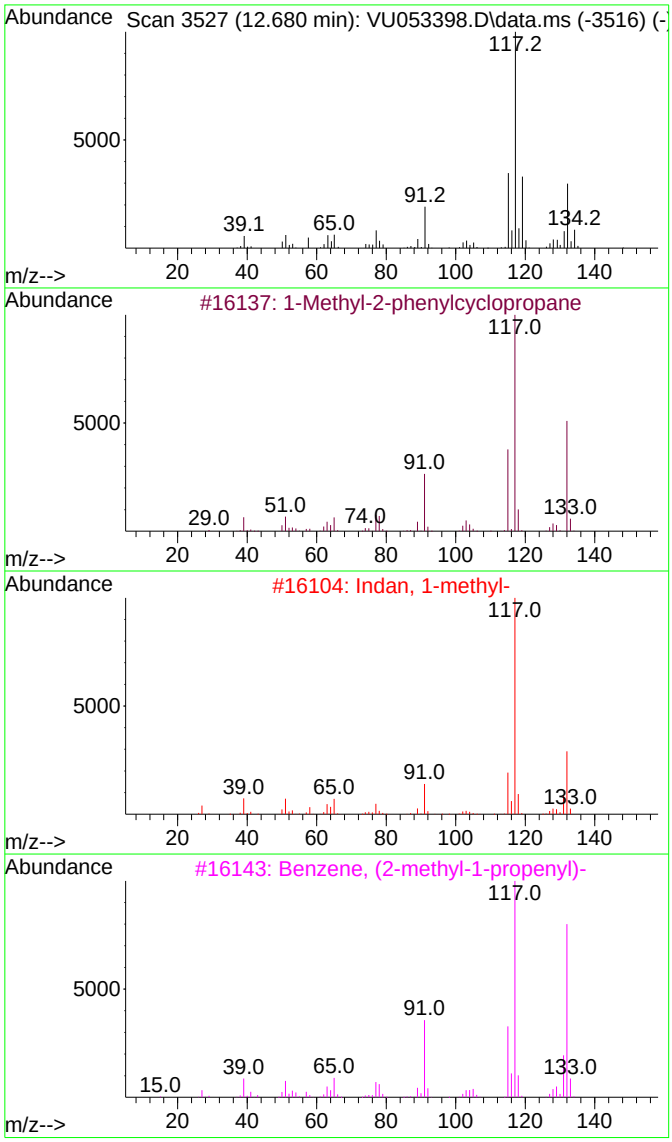
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

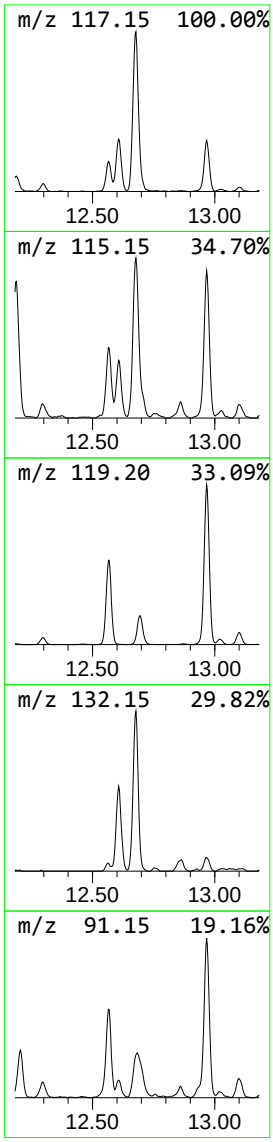
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 1-Methyl-2-phenylcyclopropane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.681 | 7.51 ug/L | 653848 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 76 |
| 2 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 76 |
| 3 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 74 |
| 4 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 70 |
| 5 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 70 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

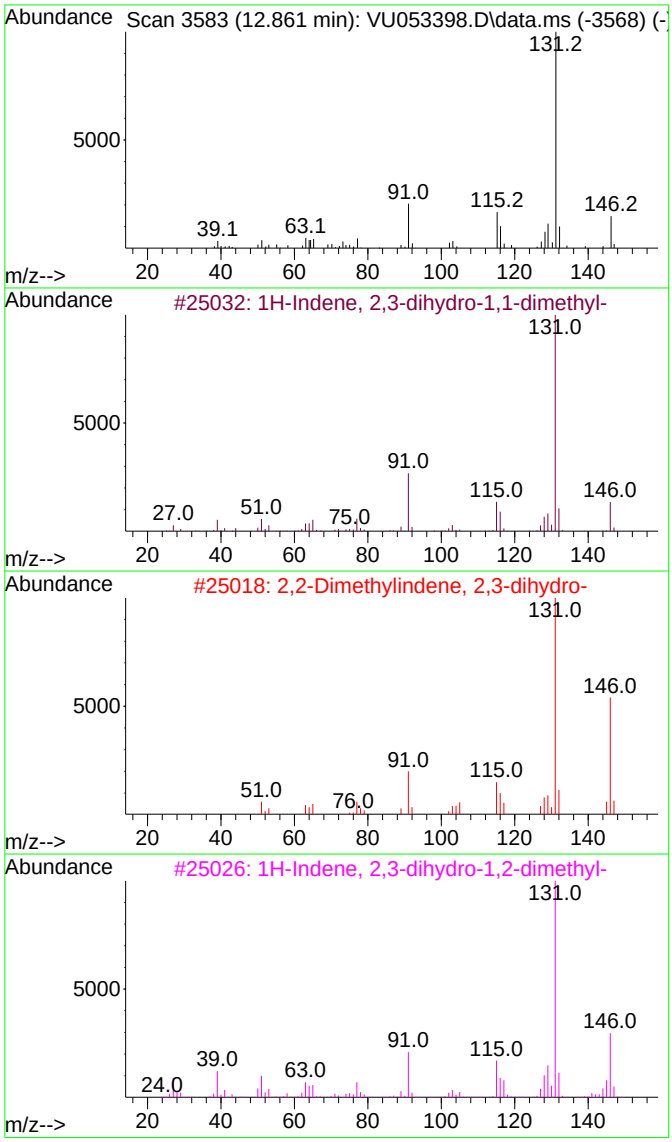
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

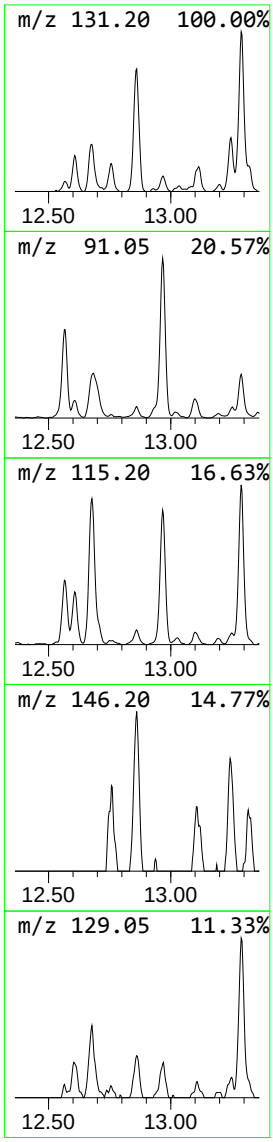
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.861 | 1.08 ug/L | 93873 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-1,1-dimet... | 146 | C11H14 | 004912-92-9 | 95 |
| 2 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 91 |
| 3 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 91 |
| 4 | 1H-Indene, 2,3-dihydro-1,1-dimet... | 146 | C11H14 | 004912-92-9 | 90 |
| 5 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

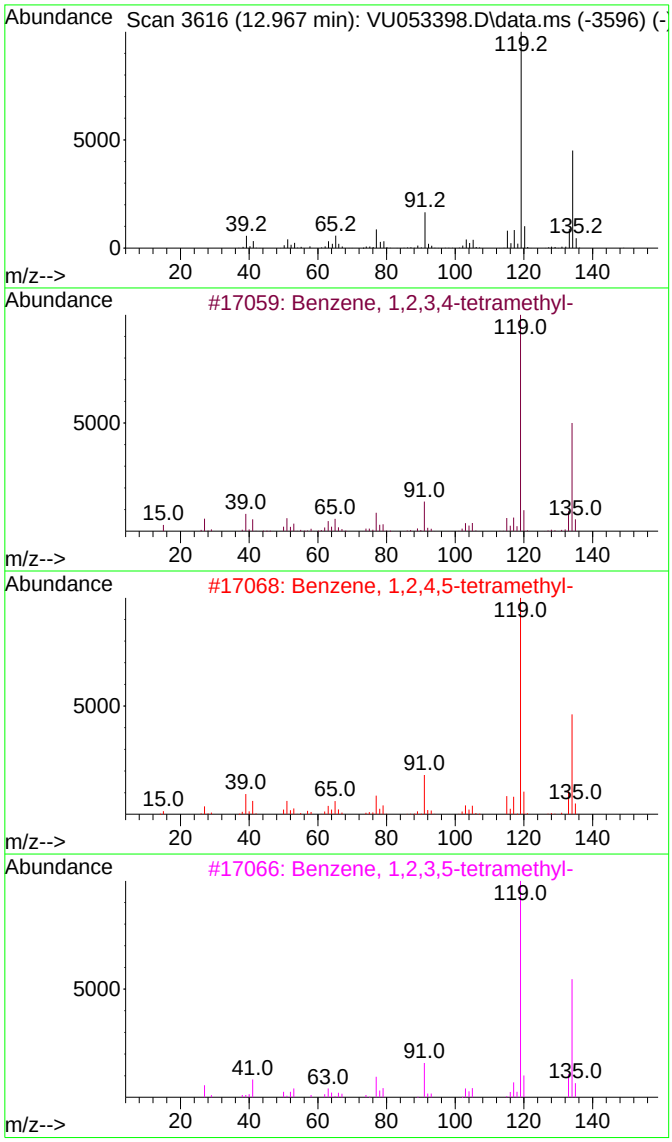
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

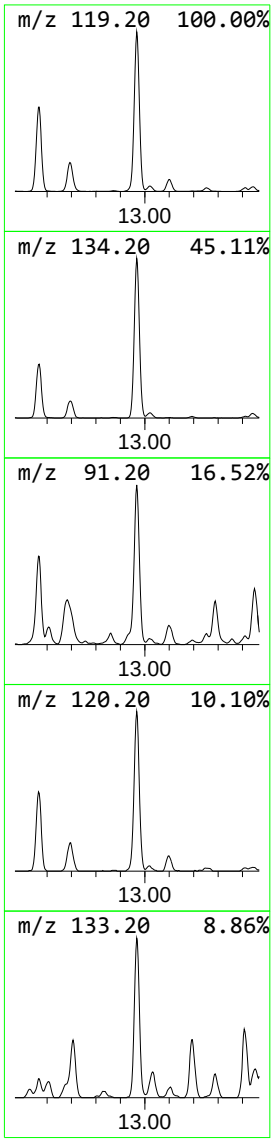
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.967 | 16.55 ug/L | 1440420 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 3 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 96 |
| 4 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |
| 5 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

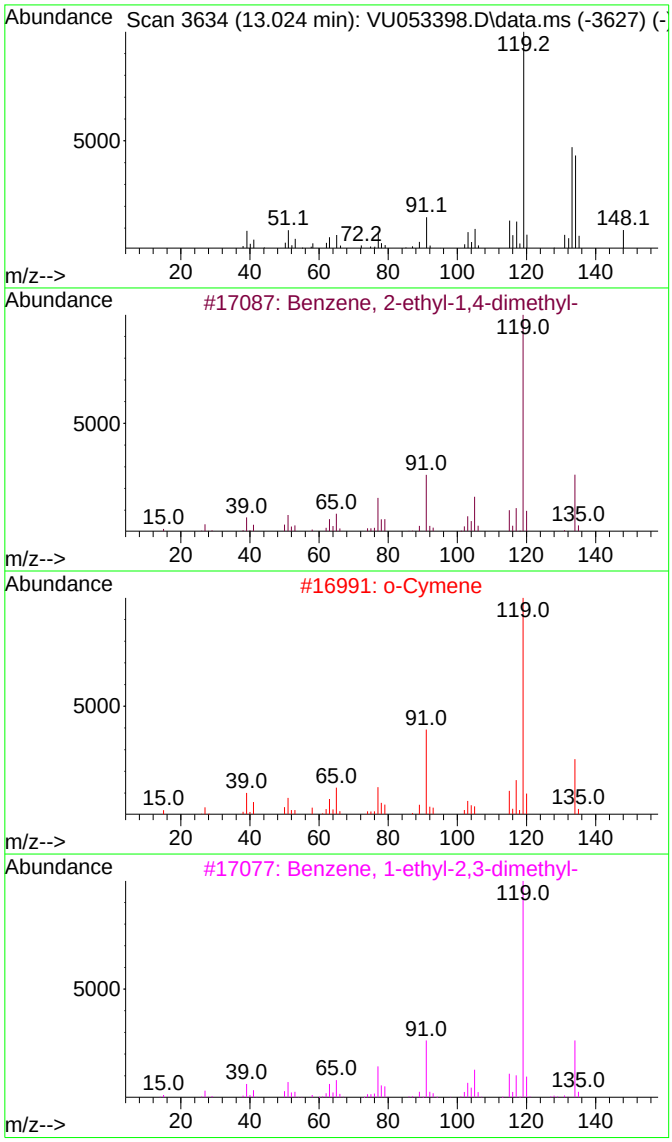
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

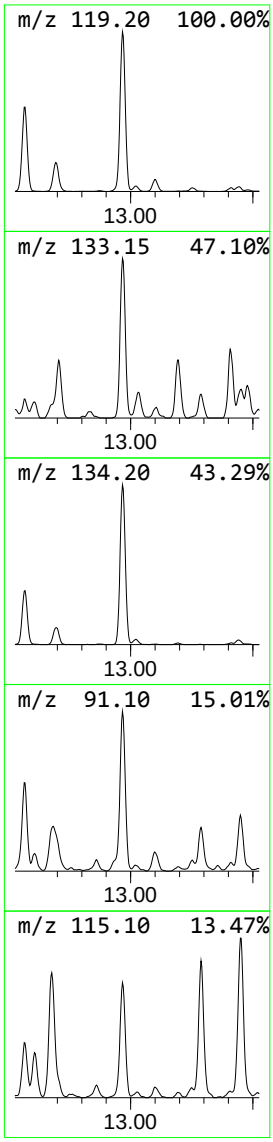
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.025 | 0.77 ug/L | 67396 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 83 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 70 |
| 3 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 64 |
| 4 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 64 |
| 5 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

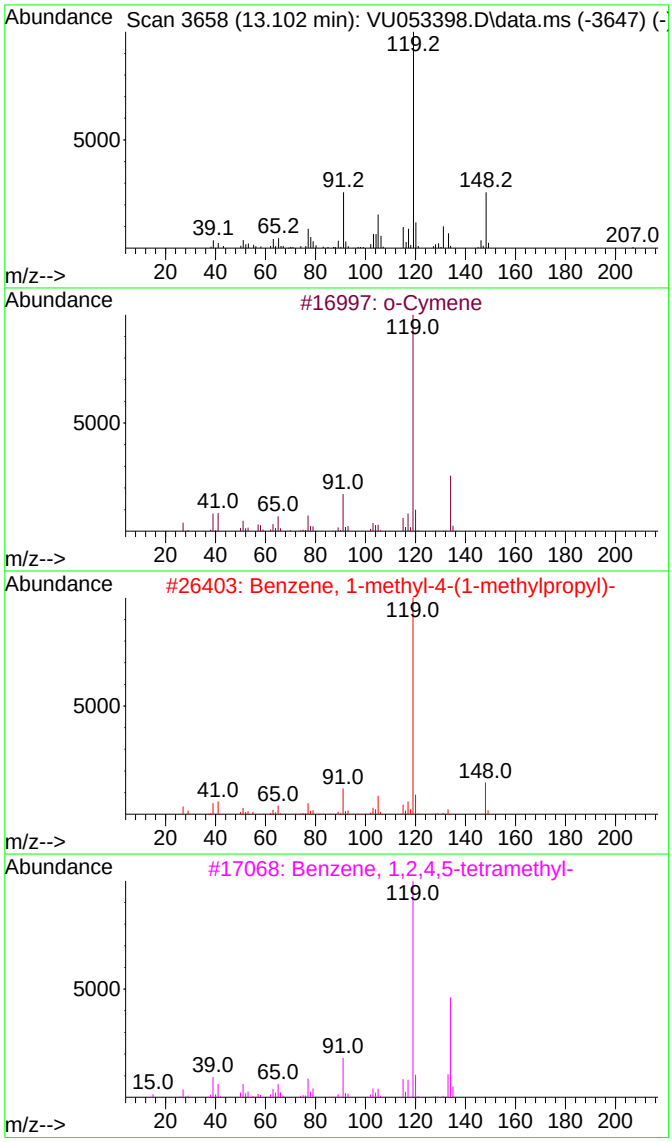
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

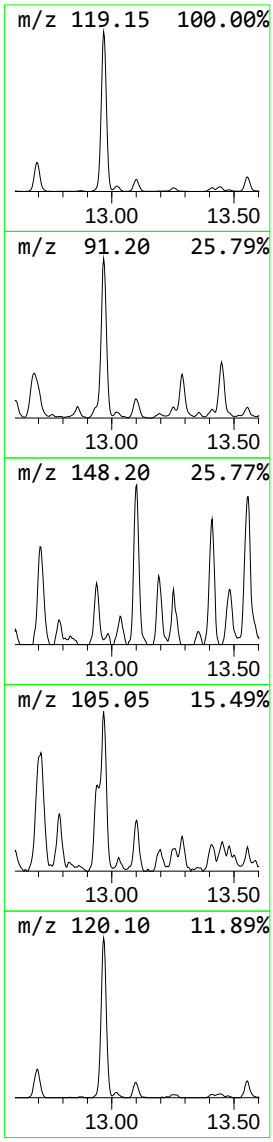
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.102 | 1.50 ug/L | 130958 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 91 |
| 2 | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16 | 001595-16-0 | 81 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 70 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 64 |
| 5 | Benzene, (1,1-dimethylpropyl)- | 148 | C11H16 | 002049-95-8 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

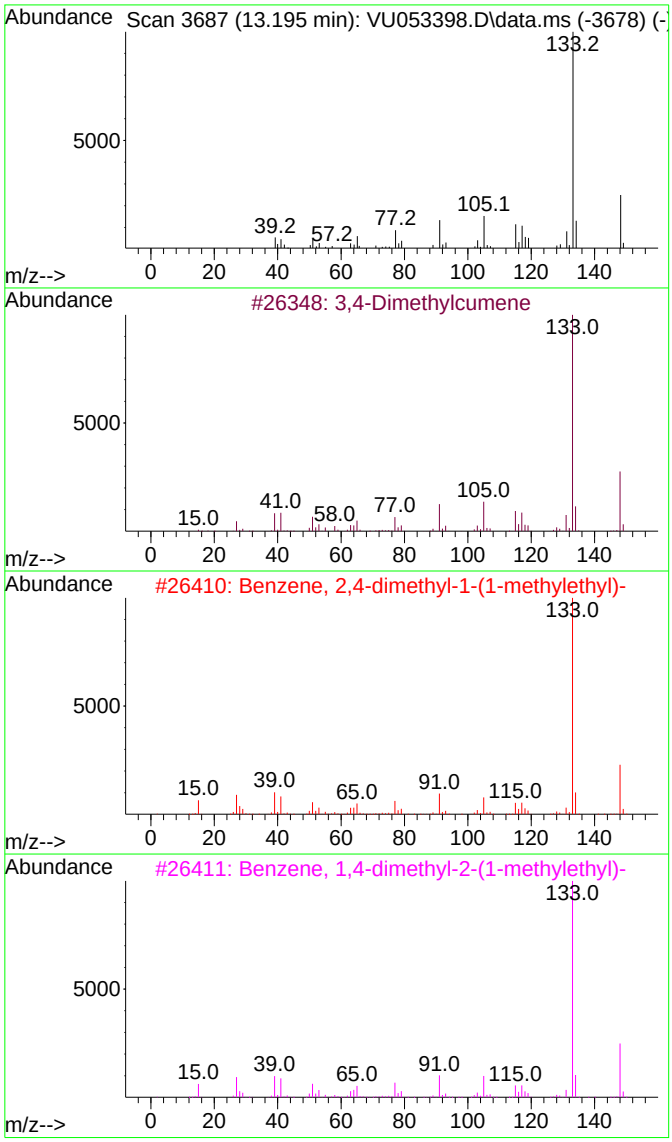
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

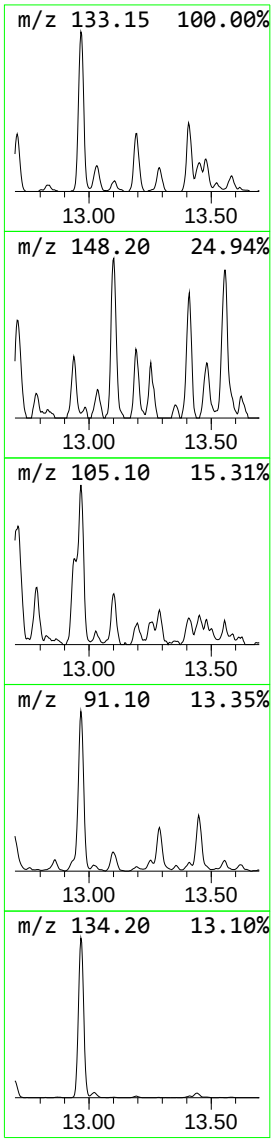
**********

Peak Number 17 3,4-Dimethylcumene Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.195 | 0.53 ug/L | 46330 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,4-Dimethylcumene | 148 | C11H16 | 1000370-34-1 | 95 |
| 2 | Benzene, 2,4-dimethyl-1-(1-methy... | 148 | C11H16 | 004706-89-2 | 94 |
| 3 | Benzene, 1,4-dimethyl-2-(1-methy... | 148 | C11H16 | 004132-72-3 | 91 |
| 4 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 91 |
| 5 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

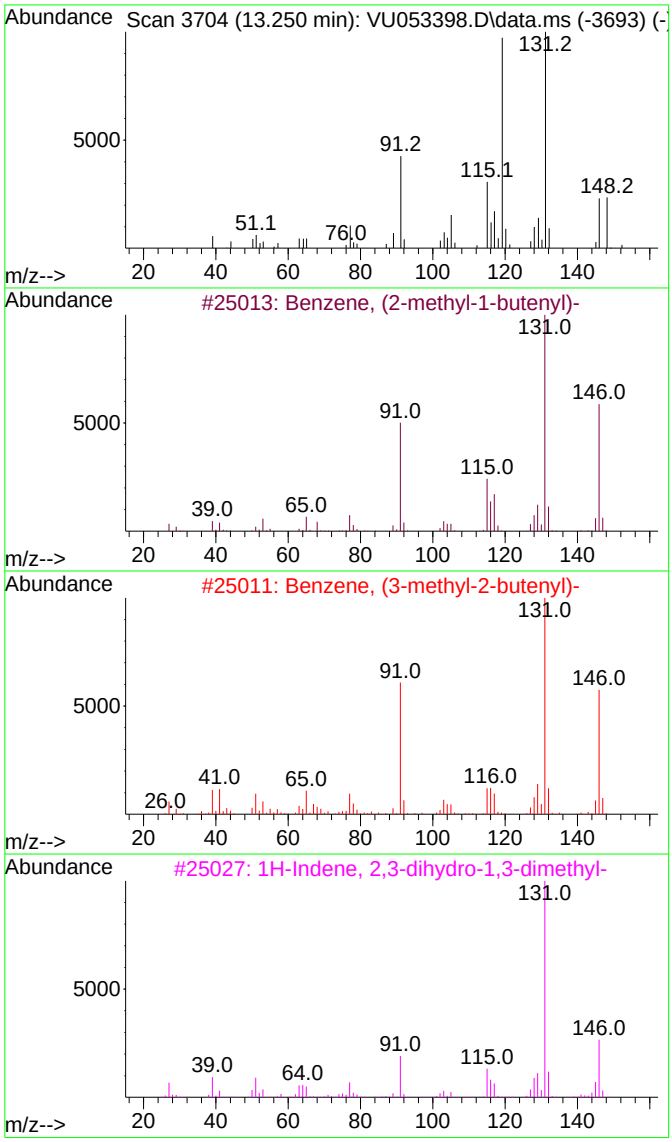
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

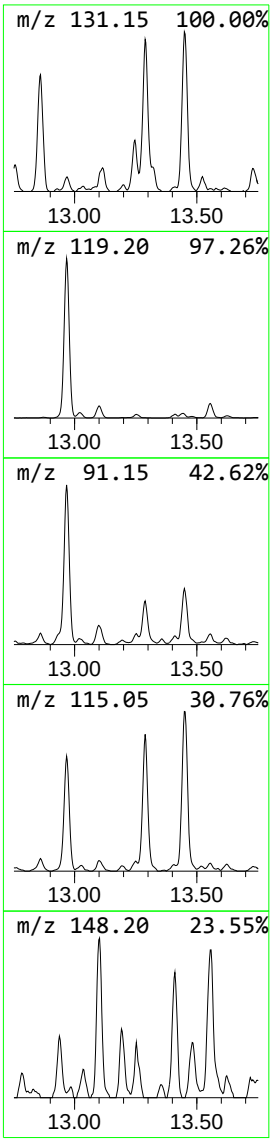
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Benzene, (2-methyl-1-butenyl)- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.250 | 0.91 ug/L | 79557 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 89 |
| 2 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 70 |
| 3 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 55 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 55 |
| 5 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 146 | C11H14 | 027087-54-3 | 55 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

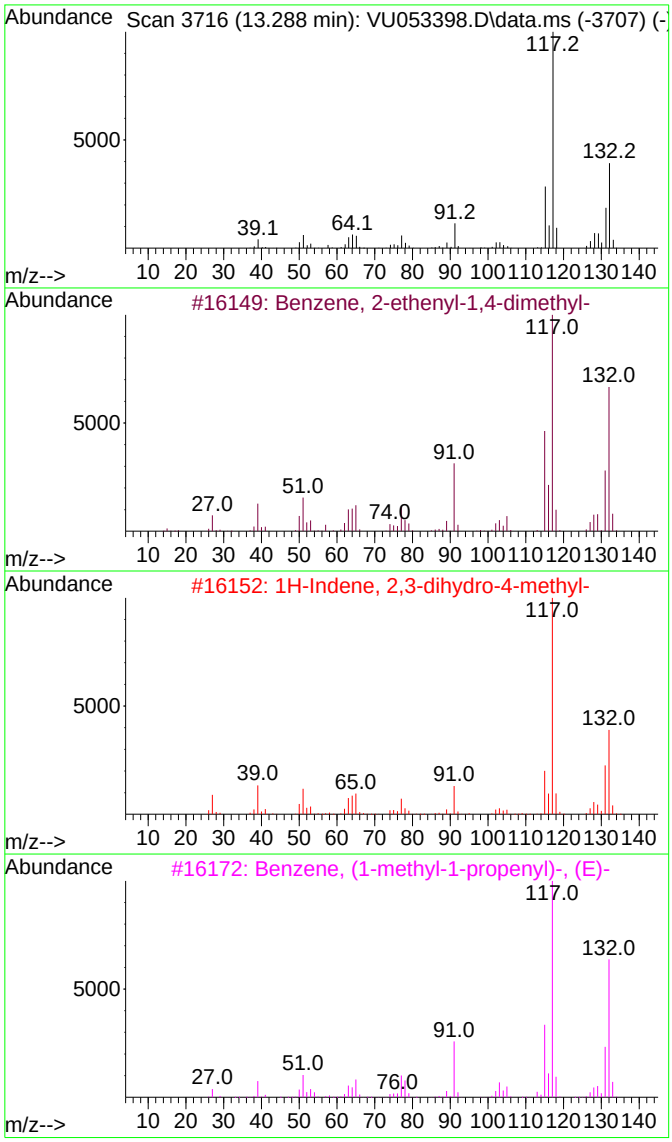
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

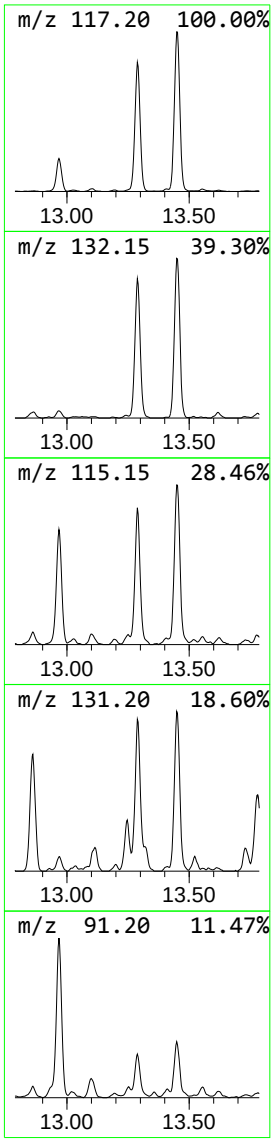
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.288 | 6.26 ug/L | 544690 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 92 |
| 2 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 90 |
| 3 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 90 |
| 4 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 87 |
| 5 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

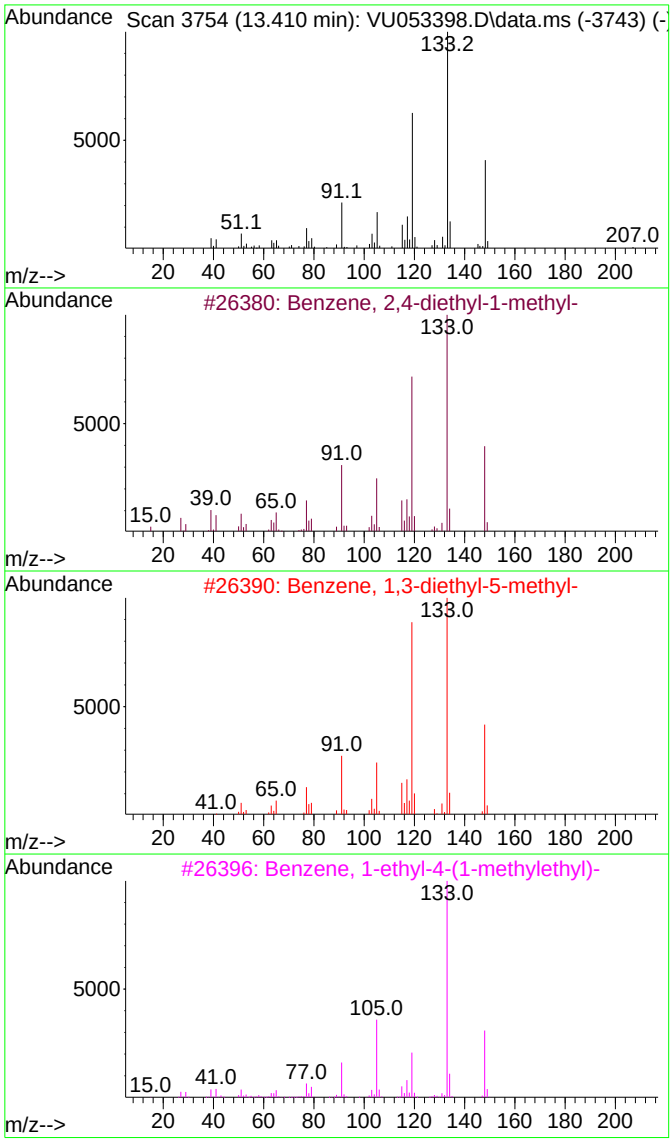
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

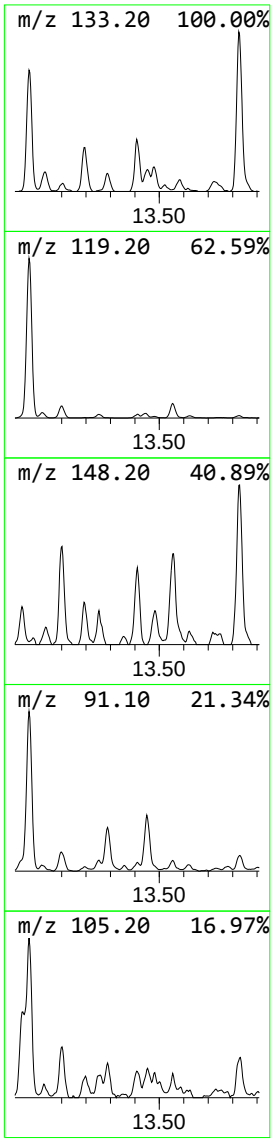
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.410 | 0.79 ug/L | 68440 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2,4-diethyl-1-methyl- | 148 | C11H16 | 001758-85-6 | 95 |
| 2 | Benzene, 1,3-diethyl-5-methyl- | 148 | C11H16 | 002050-24-0 | 89 |
| 3 | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 | C11H16 | 004218-48-8 | 83 |
| 4 | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 | C11H16 | 004218-48-8 | 80 |
| 5 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 76 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

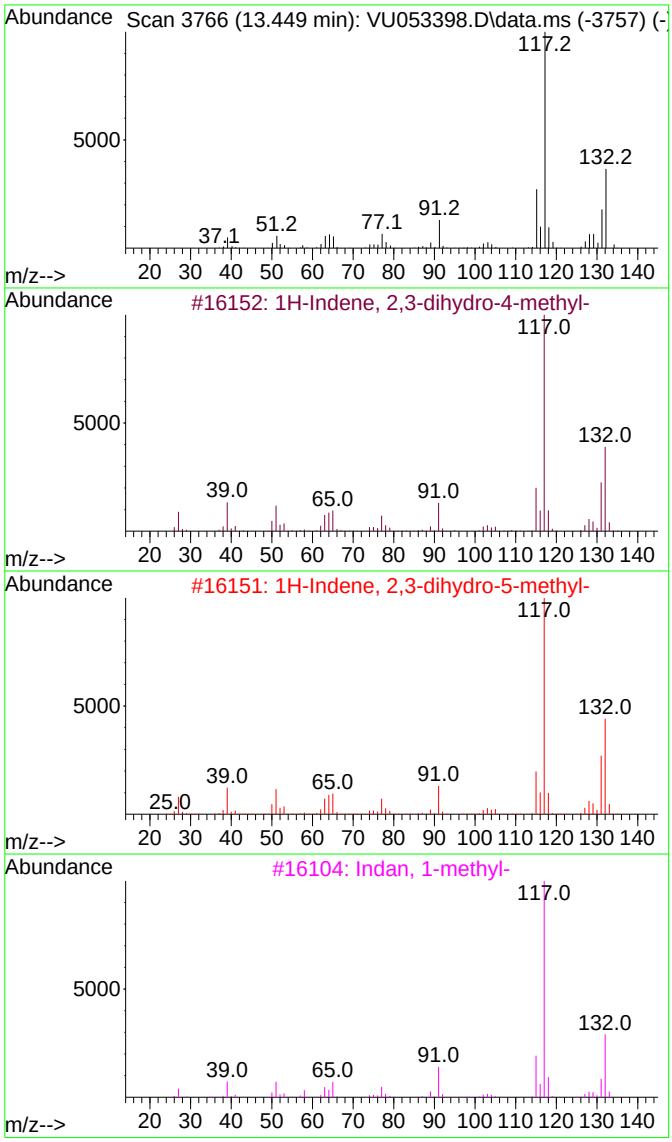
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

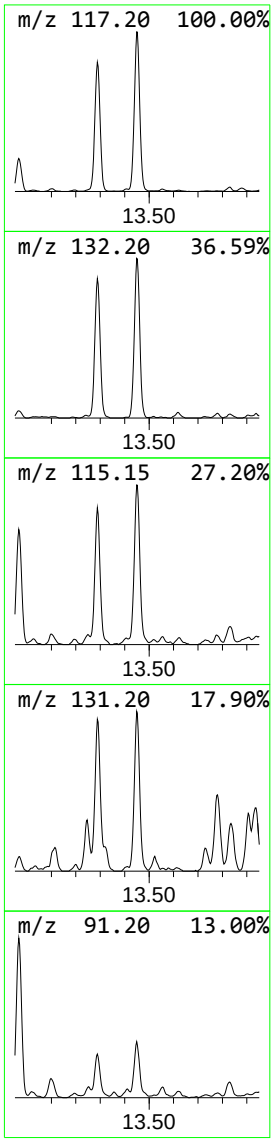
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.449 | 8.13 ug/L | 707972 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 90 |
| 2 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 90 |
| 3 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 90 |
| 4 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 83 |
| 5 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

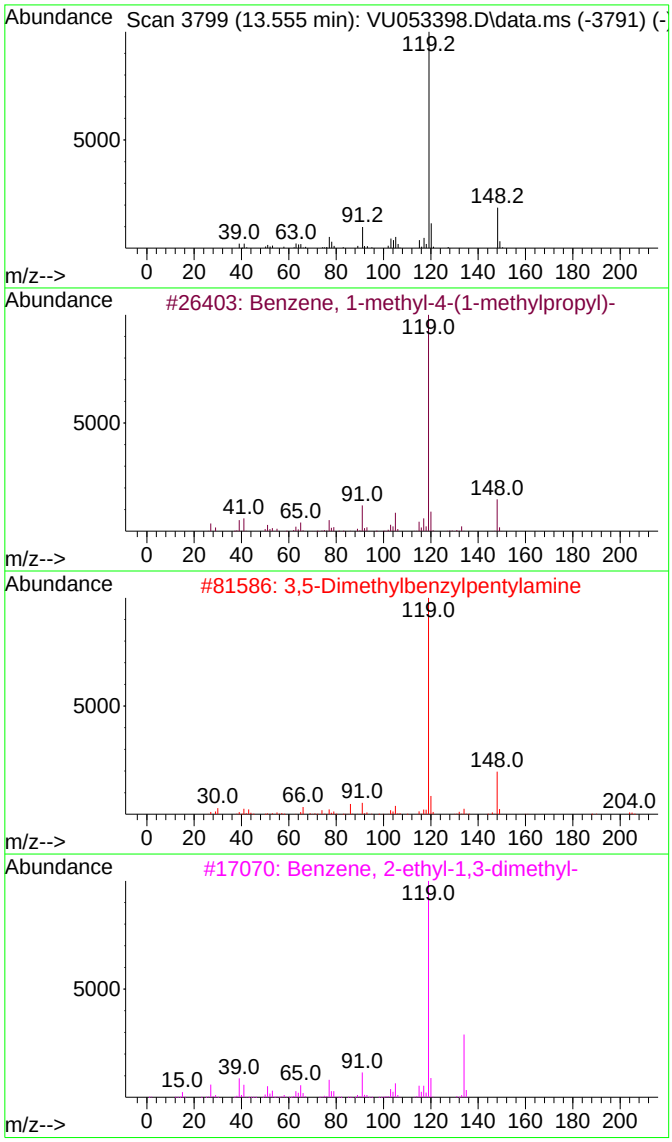
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

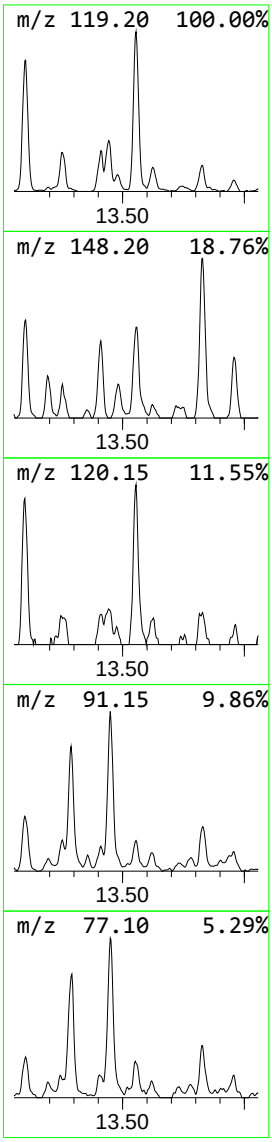
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 Benzene, 1-methyl-4-(1-meth... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.555 | 1.03 ug/L | 89854 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16 | 001595-16-0 | 91 |
| 2 | 3,5-Dimethylbenzylpentylamine | 205 | C14H23N | 1000491-60-8 | 78 |
| 3 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 78 |
| 4 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 78 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 78 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

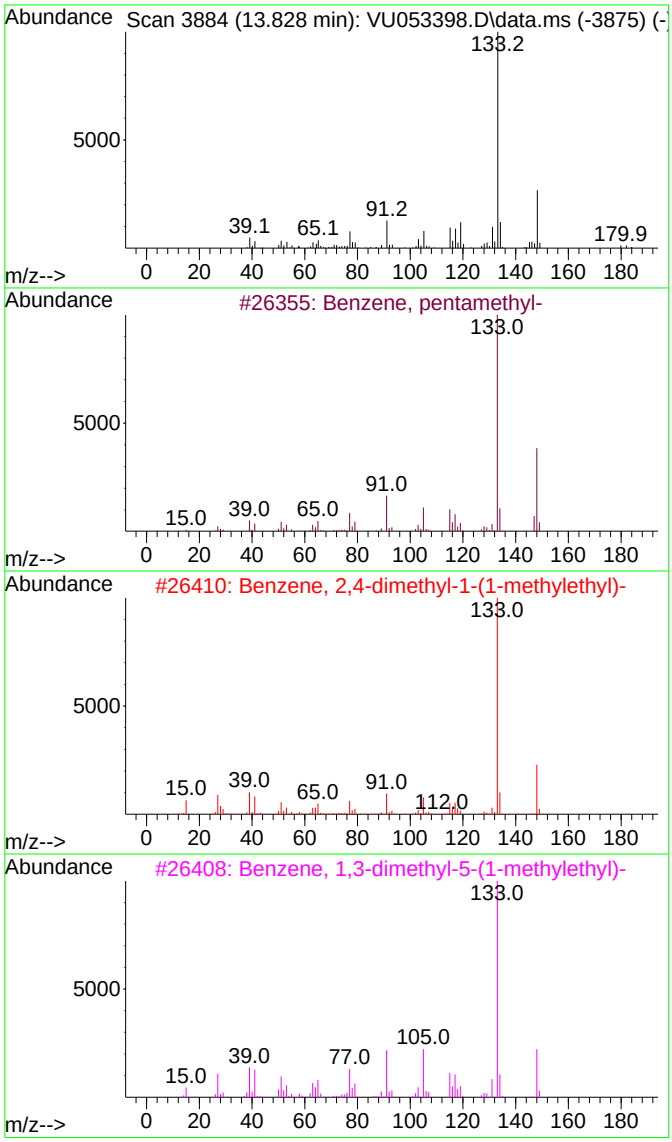
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

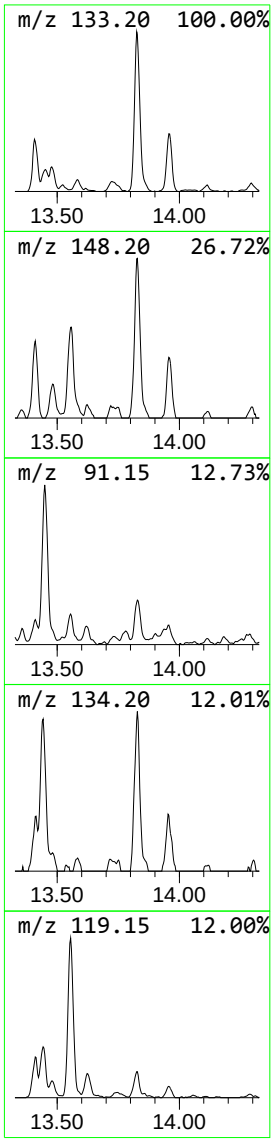
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 Benzene, pentamethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.828 | 2.05 ug/L | 178767 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 87 |
| 2 | Benzene, 2,4-dimethyl-1-(1-methy... | 148 | C11H16 | 004706-89-2 | 87 |
| 3 | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16 | 004706-90-5 | 87 |
| 4 | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16 | 004706-90-5 | 87 |
| 5 | 4-tert-Butyltoluene | 148 | C11H16 | 000098-51-1 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

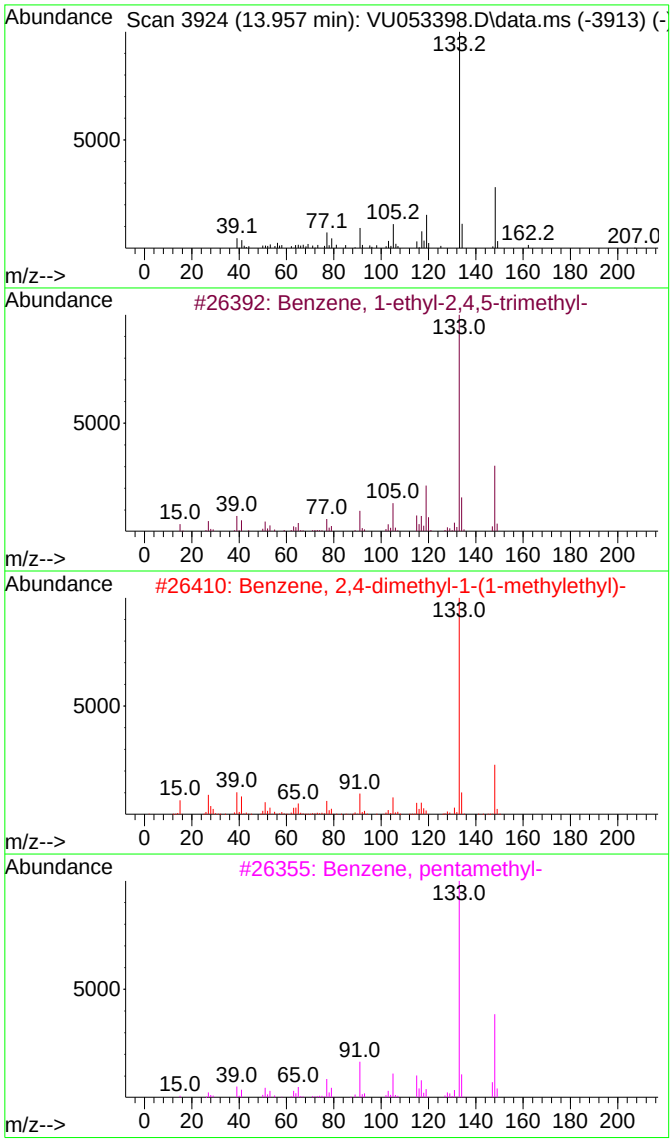
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

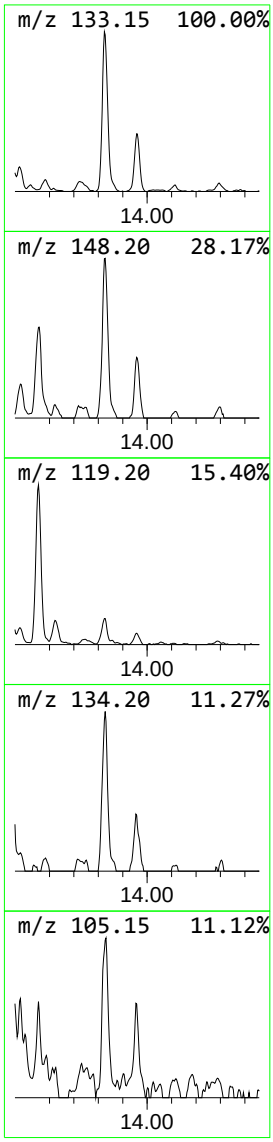
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.957 | 1.25 ug/L | 108768 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,4,5-trimethyl- | 148 | C11H16 | 017851-27-3 | 91 |
| 2 | Benzene, 2,4-dimethyl-1-(1-methy... | 148 | C11H16 | 004706-89-2 | 90 |
| 3 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 90 |
| 4 | 3,4-Dimethylcumene | 148 | C11H16 | 1000370-34-1 | 87 |
| 5 | Benzene, 1-ethyl-3-(1-methylethyl)- | 148 | C11H16 | 004920-99-4 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

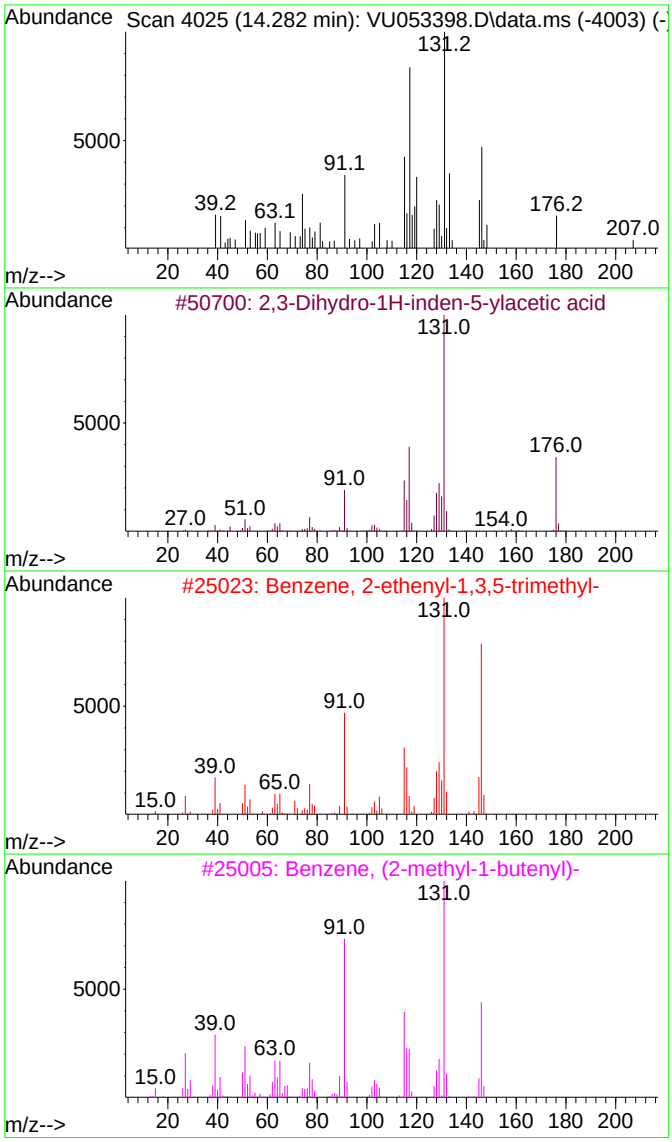
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

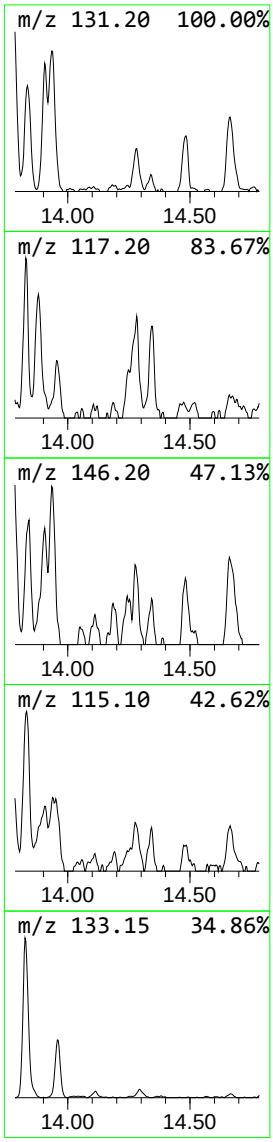
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 unknown-01 Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.282 | 0.64 ug/L | 55937 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,3-Dihydro-1H-inden-5-ylacetic ... | 176 | C11H12O2 | 005453-98-5 | 49 |
| 2 | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 | C11H14 | 000769-25-5 | 47 |
| 3 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 46 |
| 4 | Benzene, (1-ethyl-1-propenyl)- | 146 | C11H14 | 004701-36-4 | 45 |
| 5 | Benzene, (1-ethyl-1-propenyl)- | 146 | C11H14 | 004701-36-4 | 45 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

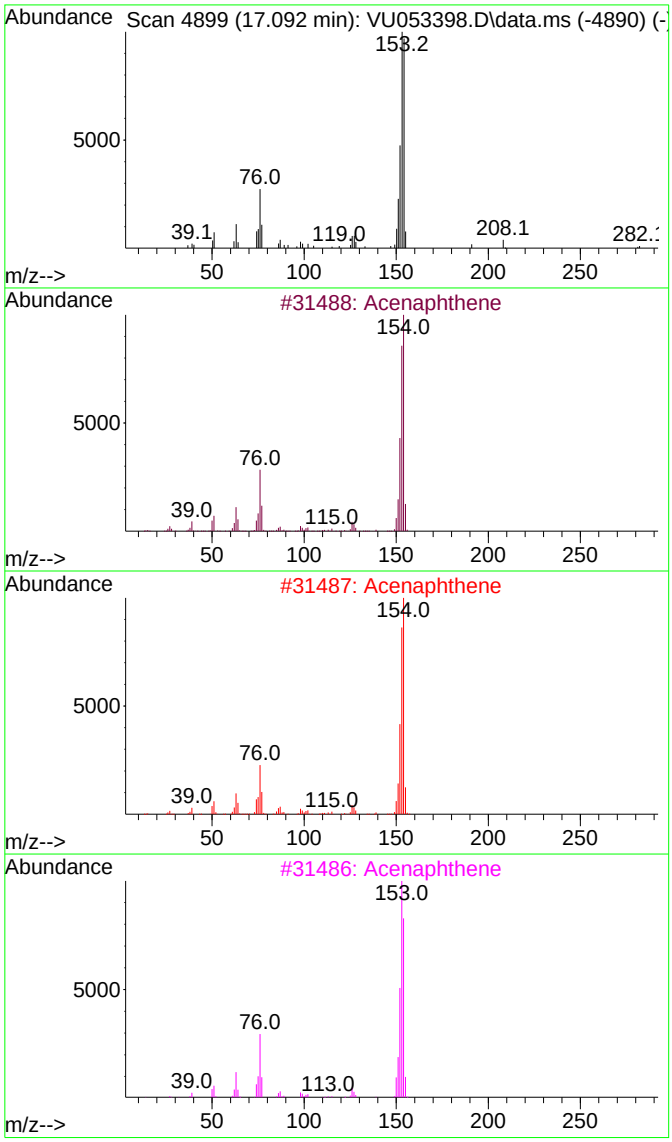
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0

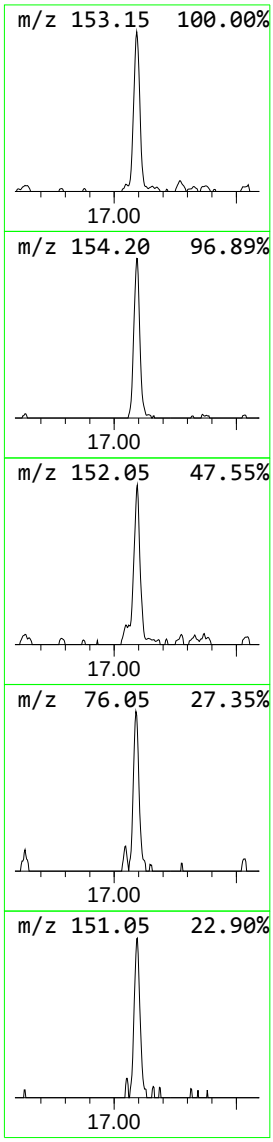
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.092 | 0.75 ug/L | 65441 | 1,4-Dichlorobenzene-d4 | 11.809 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acenaphthene | 154 | C12H10 | 000083-32-9 | 76 |
| 2 | Acenaphthene | 154 | C12H10 | 000083-32-9 | 76 |
| 3 | Acenaphthene | 154 | C12H10 | 000083-32-9 | 70 |
| 4 | Acenaphthene | 154 | C12H10 | 000083-32-9 | 60 |
| 5 | Hexa-2,4-diyn-1-ylbenzene | 154 | C12H10 | 000520-74-1 | 53 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053398.D
Acq On : 24 Mar 2023 18:24
Operator : JC/MD
Sample : 02041-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
CB954

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.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 |
| Ethyl ether | 2.375 | 1.2 | ug/L | 68947 | 1 | 6.243 | 298260 | 5.0 |
| Benzene, 1-ethy... | 11.291 | 0.8 | ug/L | 66419 | 3 | 11.809 | 435172 | 5.0 |
| Benzene, tert-b... | 11.414 | 0.5 | ug/L | 46854 | 3 | 11.809 | 435172 | 5.0 |
| Benzene, (2-met... | 11.603 | 1.1 | ug/L | 93259 | 3 | 11.809 | 435172 | 5.0 |
| Benzene, (1-met... | 11.639 | 1.5 | ug/L | 129709 | 3 | 11.809 | 435172 | 5.0 |
| p-Cymene | 12.002 | 0.9 | ug/L | 78688 | 3 | 11.809 | 435172 | 5.0 |
| Benzene, 1-prop... | 12.092 | 13.3 | ug/L | 1160910 | 3 | 11.809 | 435172 | 5.0 |
| Benzene, 1,2-di... | 12.298 | 1.4 | ug/L | 122936 | 3 | 11.809 | 435172 | 5.0 |
| o-Cymene | 12.565 | 8.0 | ug/L | 693512 | 3 | 11.809 | 435172 | 5.0 |
| Benzene, 4-ethe... | 12.607 | 1.9 | ug/L | 162957 | 3 | 11.809 | 435172 | 5.0 |
| 1-Methyl-2-phen... | 12.681 | 7.5 | ug/L | 653848 | 3 | 11.809 | 435172 | 5.0 |
| 1H-Indene, 2,3-... | 12.861 | 1.1 | ug/L | 93873 | 3 | 11.809 | 435172 | 5.0 |
| Benzene, 1,2,3,... | 12.967 | 16.6 | ug/L | 1440420 | 3 | 11.809 | 435172 | 5.0 |
| Benzene, 2-ethy... | 13.025 | 0.8 | ug/L | 67396 | 3 | 11.809 | 435172 | 5.0 |
| Benzene, 1,2,4,... | 13.102 | 1.5 | ug/L | 130958 | 3 | 11.809 | 435172 | 5.0 |
| 3,4-Dimethylcumene | 13.195 | 0.5 | ug/L | 46330 | 3 | 11.809 | 435172 | 5.0 |
| Benzene, (2-met... | 13.250 | 0.9 | ug/L | 79557 | 3 | 11.809 | 435172 | 5.0 |
| Benzene, 2-ethe... | 13.288 | 6.3 | ug/L | 544690 | 3 | 11.809 | 435172 | 5.0 |
| Benzene, 2,4-di... | 13.410 | 0.8 | ug/L | 68440 | 3 | 11.809 | 435172 | 5.0 |
| 1H-Indene, 2,3-... | 13.449 | 8.1 | ug/L | 707972 | 3 | 11.809 | 435172 | 5.0 |
| Benzene, 1-meth... | 13.555 | 1.0 | ug/L | 89854 | 3 | 11.809 | 435172 | 5.0 |
| Benzene, pentam... | 13.828 | 2.0 | ug/L | 178767 | 3 | 11.809 | 435172 | 5.0 |
| Benzene, 1-ethy... | 13.957 | 1.3 | ug/L | 108768 | 3 | 11.809 | 435172 | 5.0 |
| unknown-01 | 14.282 | 0.6 | ug/L | 55937 | 3 | 11.809 | 435172 | 5.0 |
| Hexa-2,4-diyn-1... | 17.092 | 0.8 | ug/L | 65441 | 3 | 11.809 | 435172 | 5.0 |