LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069918.D
Acq On : 9 Dec 2021 18:03
Operator : JC/MD
Sample : M4969-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-1A

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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_N\methods\82N120221W.M
Title : SW846 8260

Signal : TIC: VN069918.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.993 | 724 | 747 | 769 | rBV | 329456 | 903337 | 1.19% | 0.189% |
| 2 | 5.374 | 1238 | 1262 | 1303 | rVB2 | 799962 | 2786480 | 3.66% | 0.582% |
| 3 | 5.618 | 1325 | 1353 | 1393 | rVB2 | 1464362 | 5147605 | 6.75% | 1.076% |
| 4 | 6.468 | 1642 | 1670 | 1699 | rBV4 | 666758 | 2165352 | 2.84% | 0.452% |
| 5 | 6.608 | 1701 | 1722 | 1741 | rVV2 | 385659 | 1183817 | 1.55% | 0.247% |
| 6 | 6.903 | 1813 | 1832 | 1865 | rVB3 | 371095 | 1089835 | 1.43% | 0.228% |
| 7 | 7.147 | 1899 | 1923 | 1942 | rBV2 | 1906036 | 5616032 | 7.37% | 1.174% |
| 8 | 7.844 | 2168 | 2183 | 2204 | rVB | 796225 | 1941903 | 2.55% | 0.406% |
| 9 | 8.021 | 2227 | 2249 | 2260 | rBV | 990699 | 2458350 | 3.23% | 0.514% |
| 10 | 8.088 | 2261 | 2274 | 2293 | rVV3 | 2464492 | 6293837 | 8.26% | 1.315% |
| 11 | 8.177 | 2297 | 2307 | 2332 | rVB4 | 463412 | 1210138 | 1.59% | 0.253% |
| 12 | 8.461 | 2386 | 2413 | 2441 | rBV2 | 31431650 | 76209620 | 100.00% | 15.925% |
| 13 | 8.590 | 2448 | 2461 | 2473 | rBV2 | 944073 | 2204570 | 2.89% | 0.461% |
| 14 | 8.968 | 2581 | 2602 | 2630 | rBV3 | 3971717 | 9775884 | 12.83% | 2.043% |
| 15 | 9.244 | 2697 | 2705 | 2724 | rVB | 604041 | 1210459 | 1.59% | 0.253% |
| 16 | 9.459 | 2751 | 2785 | 2801 | rBV2 | 1255515 | 3976085 | 5.22% | 0.831% |
| 17 | 9.802 | 2898 | 2913 | 2917 | rBV3 | 491034 | 871859 | 1.14% | 0.182% |
| 18 | 9.883 | 2934 | 2943 | 2960 | rVB | 485807 | 957643 | 1.26% | 0.200% |
| 19 | 9.971 | 2961 | 2976 | 2986 | rBV | 1810487 | 3549375 | 4.66% | 0.742% |
| 20 | 10.202 | 3047 | 3062 | 3091 | rBV4 | 437970 | 1243660 | 1.63% | 0.260% |
| 21 | 10.322 | 3092 | 3107 | 3120 | rBV | 1319414 | 2457521 | 3.22% | 0.514% |
| 22 | 10.440 | 3135 | 3151 | 3166 | rBV | 4707995 | 8959812 | 11.76% | 1.872% |
| 23 | 10.636 | 3207 | 3224 | 3237 | rVB6 | 399987 | 832671 | 1.09% | 0.174% |
| 24 | 10.859 | 3293 | 3307 | 3327 | rVV5 | 860899 | 1875295 | 2.46% | 0.392% |
| 25 | 11.130 | 3396 | 3408 | 3420 | rBV | 940265 | 1557669 | 2.04% | 0.325% |
| 26 | 11.744 | 3621 | 3637 | 3650 | rBV | 5109090 | 9306677 | 12.21% | 1.945% |
| 27 | 11.843 | 3662 | 3674 | 3696 | rVB | 4603252 | 8160763 | 10.71% | 1.705% |
| 28 | 11.953 | 3700 | 3715 | 3740 | rVB | 1292903 | 2676156 | 3.51% | 0.559% |
| 29 | 12.090 | 3755 | 3766 | 3789 | rVB3 | 461632 | 896849 | 1.18% | 0.187% |
| 30 | 12.578 | 3933 | 3948 | 3965 | rBV | 11124199 | 18401589 | 24.15% | 3.845% |
| 31 | 12.731 | 3990 | 4005 | 4028 | rVB | 4167712 | 7417721 | 9.73% | 1.550% |
| 32 | 12.919 | 4060 | 4075 | 4092 | rBV2 | 29544227 | 50350317 | 66.07% | 10.521% |
| 33 | 13.058 | 4119 | 4127 | 4142 | rVB | 705477 | 1190697 | 1.56% | 0.249% |
| 34 | 13.219 | 4173 | 4187 | 4208 | rBV | 1922958 | 3290305 | 4.32% | 0.688% |
| 35 | 13.366 | 4230 | 4242 | 4258 | rVB | 1208925 | 2093256 | 2.75% | 0.437% |
| 36 | 13.495 | 4272 | 4290 | 4305 | rBV3 | 1773799 | 4248039 | 5.57% | 0.888% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069918.D
Acq On : 9 Dec 2021 18:03
Operator : JC/MD
Sample : M4969-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-1A

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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_N\methods\82N120221W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.672 | 4342 | 4356 | 4384 | rBV2 | 4882096 | 10747119 | 14.10% | 2.246% |
| 38 | 13.838 | 4403 | 4418 | 4422 | rBV | 10830078 | 15769702 | 20.69% | 3.295% |
| 39 | 13.876 | 4423 | 4432 | 4444 | rVB2 | 39759407 | 63956292 | 83.92% | 13.365% |
| 40 | 14.002 | 4468 | 4479 | 4492 | rVB | 1787137 | 2804370 | 3.68% | 0.586% |
| 41 | 14.131 | 4516 | 4527 | 4544 | rBV2 | 398079 | 813703 | 1.07% | 0.170% |
| 42 | 14.217 | 4544 | 4559 | 4572 | rBV | 19907102 | 31439430 | 41.25% | 6.570% |
| 43 | 14.278 | 4572 | 4582 | 4589 | rVV | 2690282 | 4367510 | 5.73% | 0.913% |
| 44 | 14.327 | 4589 | 4600 | 4617 | rVB2 | 10426618 | 17880282 | 23.46% | 3.736% |
| 45 | 14.538 | 4661 | 4679 | 4690 | rBV | 8996630 | 14686390 | 19.27% | 3.069% |
| 46 | 14.809 | 4767 | 4780 | 4792 | rBV | 7887357 | 12694468 | 16.66% | 2.653% |
| 47 | 14.930 | 4806 | 4825 | 4838 | rBV3 | 10840576 | 22420232 | 29.42% | 4.685% |
| 48 | 14.986 | 4839 | 4846 | 4863 | rVB4 | 658758 | 1361378 | 1.79% | 0.284% |
| 49 | 15.083 | 4870 | 4882 | 4898 | rBV2 | 950920 | 1723153 | 2.26% | 0.360% |
| 50 | 15.193 | 4900 | 4923 | 4934 | rBV6 | 1504461 | 3495900 | 4.59% | 0.731% |
| 51 | 15.308 | 4951 | 4966 | 4987 | rVB4 | 1307711 | 3146653 | 4.13% | 0.658% |
| 52 | 15.504 | 5011 | 5039 | 5056 | rBV | 7006614 | 13481952 | 17.69% | 2.817% |
| 53 | 15.804 | 5135 | 5151 | 5170 | rBV2 | 626051 | 1239567 | 1.63% | 0.259% |
| 54 | 16.614 | 5438 | 5453 | 5482 | rVB | 882035 | 2010012 | 2.64% | 0.420% |

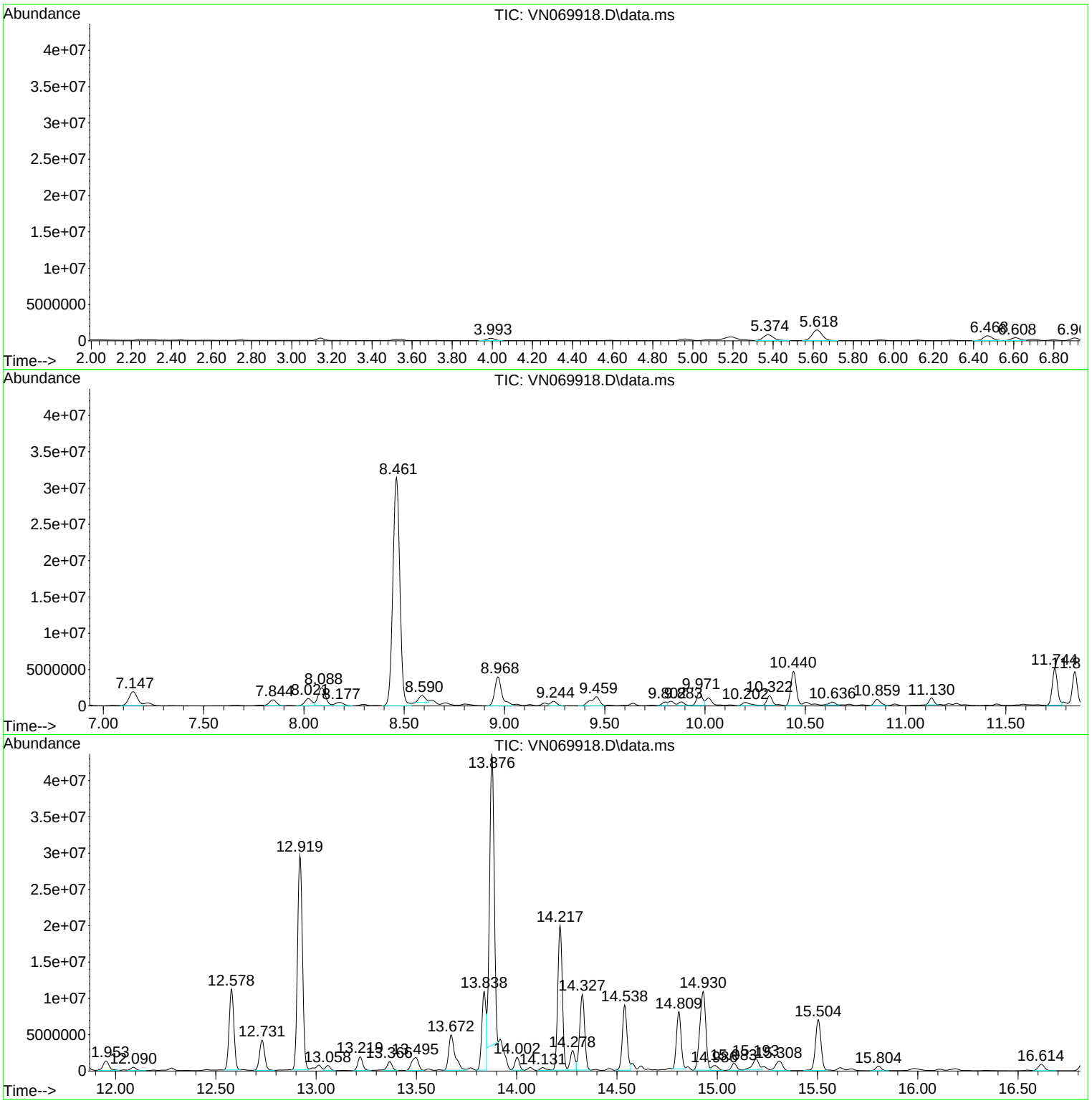
Sum of corrected areas: 478549291

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069918.D
Acq On : 9 Dec 2021 18:03
Operator : JC/MD
Sample : M4969-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-1A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069918.D
Acq On : 9 Dec 2021 18:03
Operator : JC/MD
Sample : M4969-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-1A

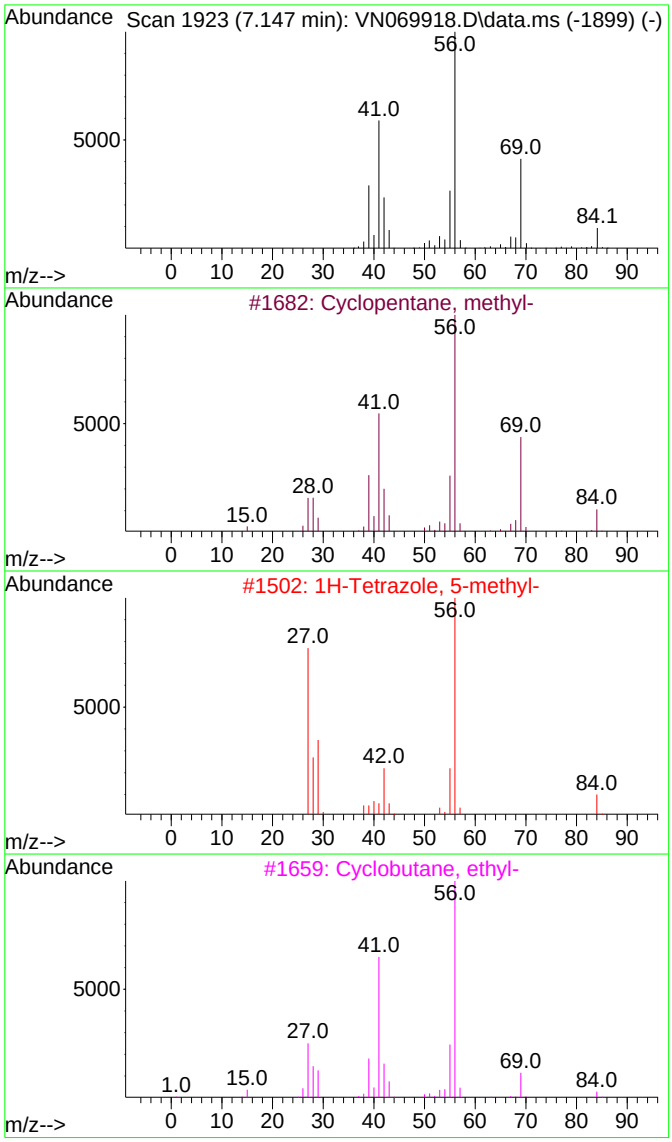
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

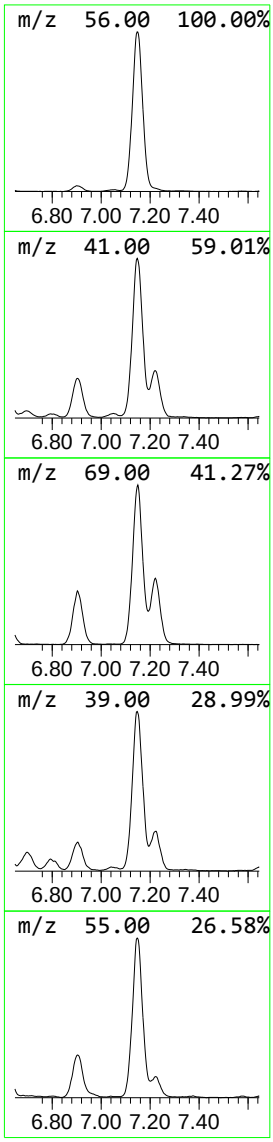
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Cyclopentane, methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.147 | 44.62 ug/l | 5616030 | Pentafluorobenzene | 8.088 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 94 |
| 2 | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4 | 004076-36-2 | 72 |
| 3 | Cyclobutane, ethyl- | 84 | C6H12 | 004806-61-5 | 64 |
| 4 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 64 |
| 5 | Cyclobutane | 56 | C4H8 | 000287-23-0 | 53 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069918.D
Acq On : 9 Dec 2021 18:03
Operator : JC/MD
Sample : M4969-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-1A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

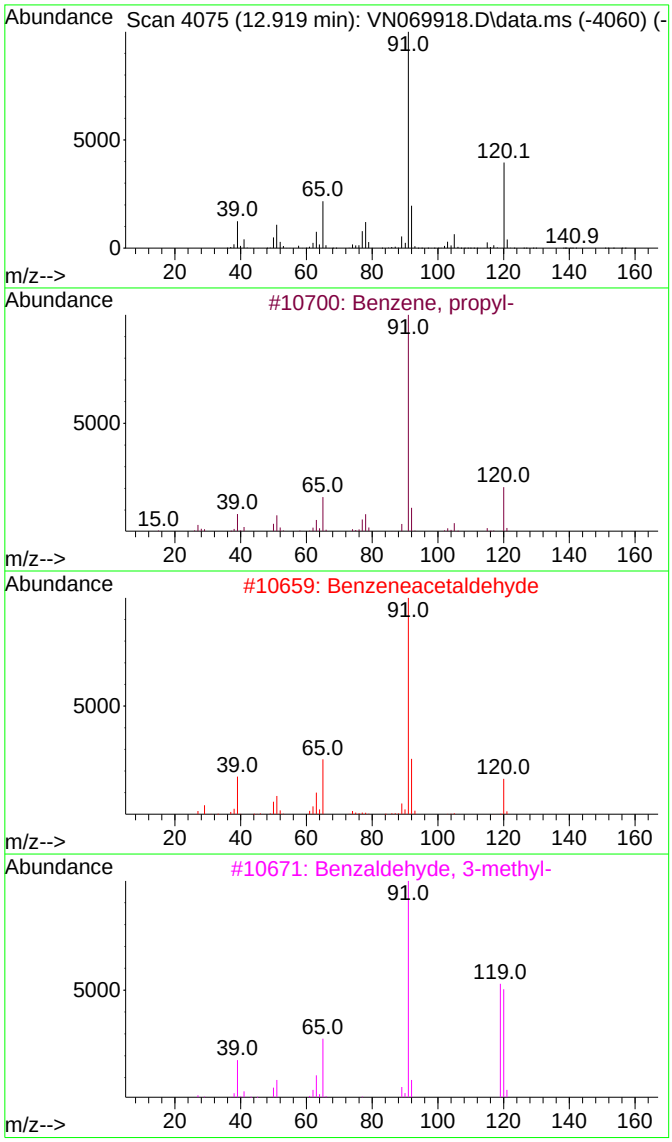
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

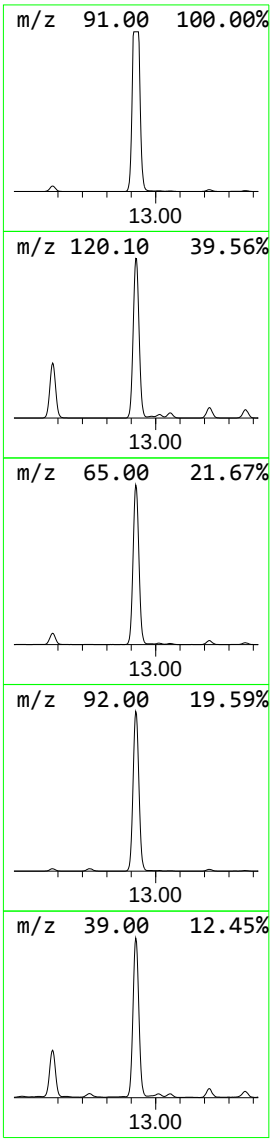
**********

Peak Number 2 Benzene, propyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.919 | 234.25 ug/l | 50350300 | 1,4-Dichlorobenzene-d4 | 13.672 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 90 |
| 2 | Benzeneacetaldehyde | 120 | C8H8O | 000122-78-1 | 87 |
| 3 | Benzaldehyde, 3-methyl- | 120 | C8H8O | 000620-23-5 | 76 |
| 4 | Propanenitrile, 3-[(phenylmethyl... | 160 | C10H12N2 | 000706-03-6 | 59 |
| 5 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 59 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069918.D
Acq On : 9 Dec 2021 18:03
Operator : JC/MD
Sample : M4969-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-1A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

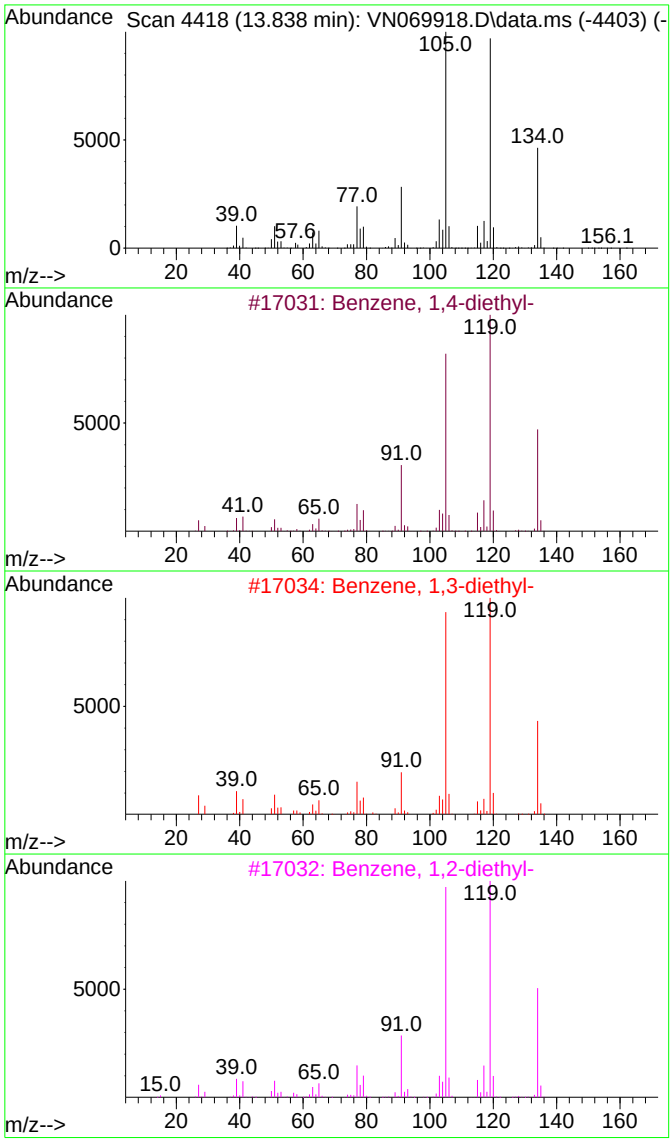
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

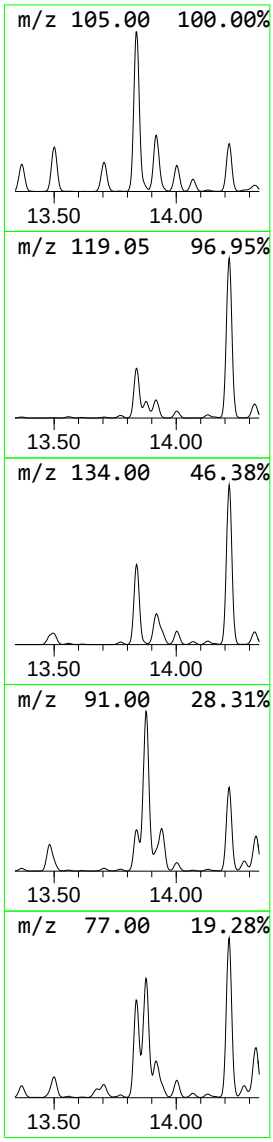
**********

Peak Number 3 Benzene, 1,4-diethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.839 | 73.37 ug/l | 15769700 | 1,4-Dichlorobenzene-d4 | 13.672 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 97 |
| 2 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 96 |
| 3 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 96 |
| 4 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 87 |
| 5 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 81 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069918.D
Acq On : 9 Dec 2021 18:03
Operator : JC/MD
Sample : M4969-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-1A

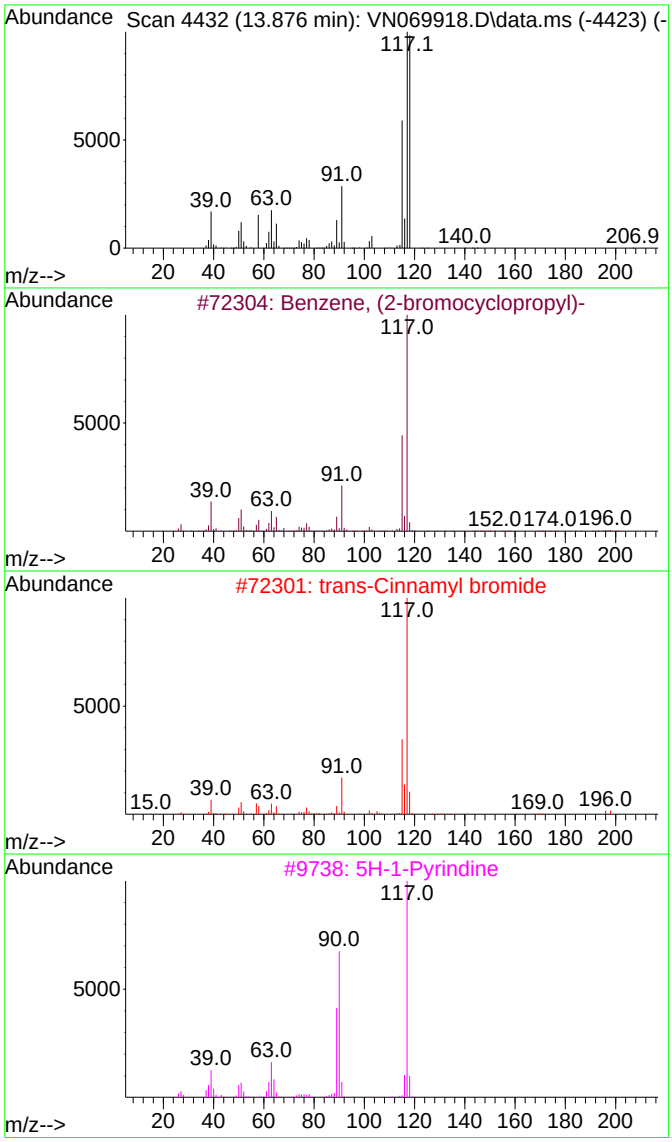
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

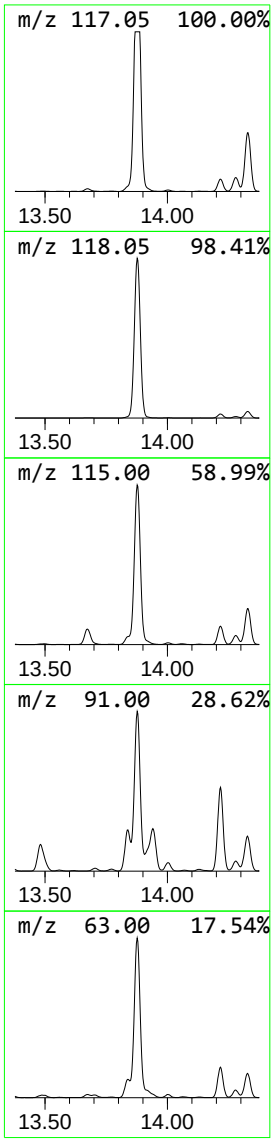
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Benzene, (2-bromocyclopropyl)- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.876 | 297.55 ug/l | 63956300 | 1,4-Dichlorobenzene-d4 | 13.672 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2-bromocyclopropyl)- | 196 | C9H9Br | 036617-02-4 | 52 |
| 2 | trans-Cinnamyl bromide | 196 | C9H9Br | 026146-77-0 | 47 |
| 3 | 5H-1-Pyridine | 117 | C8H7N | 000270-91-7 | 38 |
| 4 | Indolizine | 117 | C8H7N | 000274-40-8 | 35 |
| 5 | Indole | 117 | C8H7N | 000120-72-9 | 35 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069918.D
Acq On : 9 Dec 2021 18:03
Operator : JC/MD
Sample : M4969-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-1A

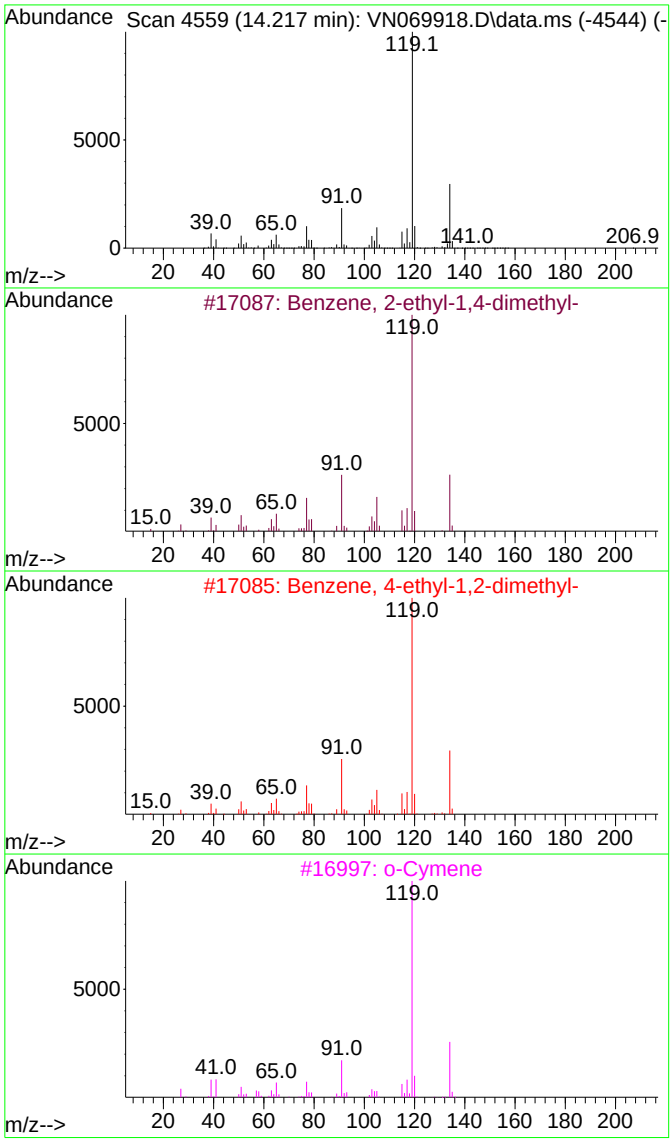
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

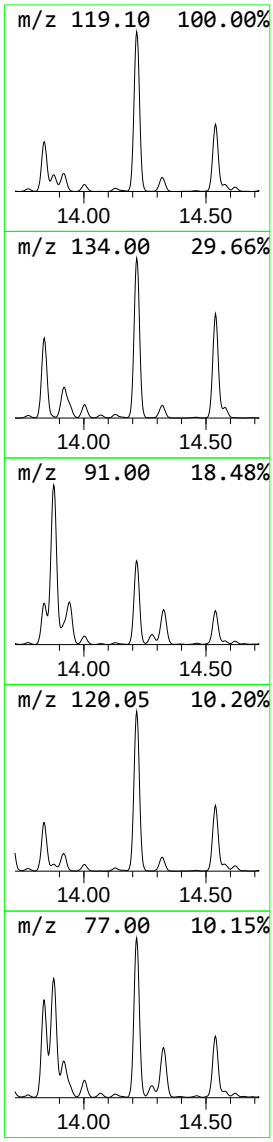
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.217 | 146.27 ug/l | 31439400 | 1,4-Dichlorobenzene-d4 | 13.672 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 96 |
| 2 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 96 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069918.D
Acq On : 9 Dec 2021 18:03
Operator : JC/MD
Sample : M4969-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-1A

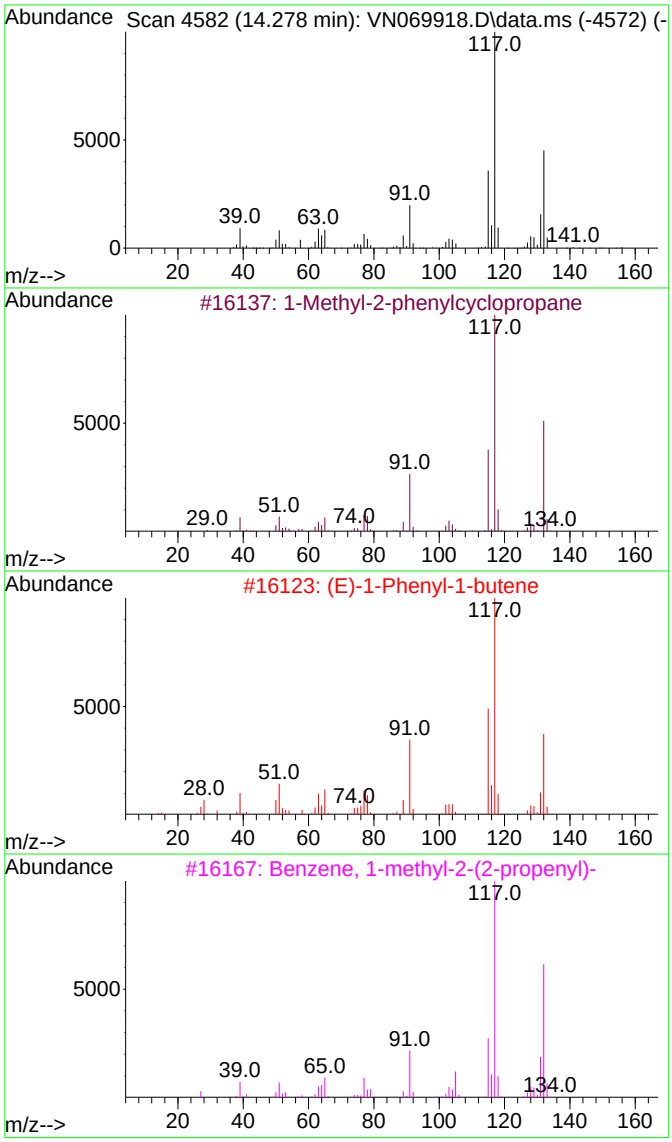
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

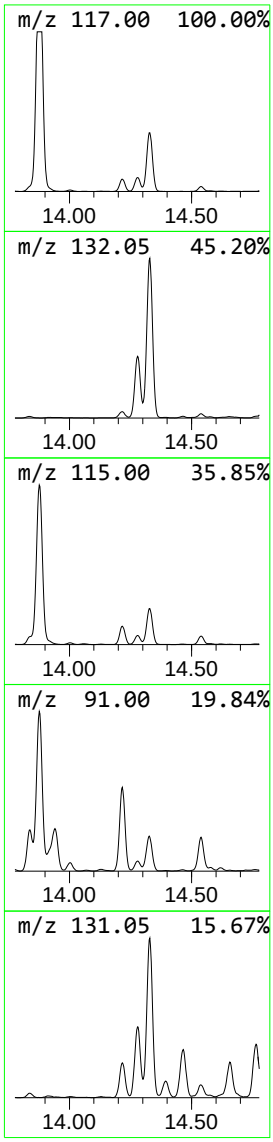
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 1-Methyl-2-phenylcyclopropane Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.278 | 20.32 ug/l | 4367510 | 1,4-Dichlorobenzene-d4 | 13.672 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 95 |
| 2 | (E)-1-Phenyl-1-butene | 132 | C10H12 | 001005-64-7 | 95 |
| 3 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 94 |
| 4 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 94 |
| 5 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069918.D
Acq On : 9 Dec 2021 18:03
Operator : JC/MD
Sample : M4969-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-1A

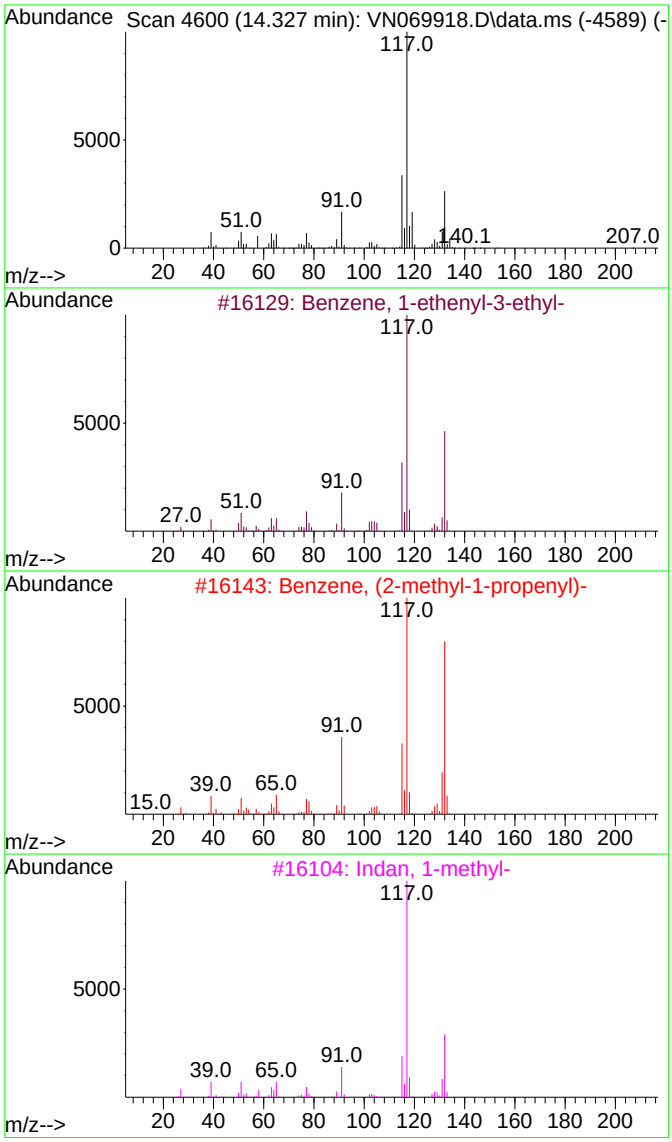
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

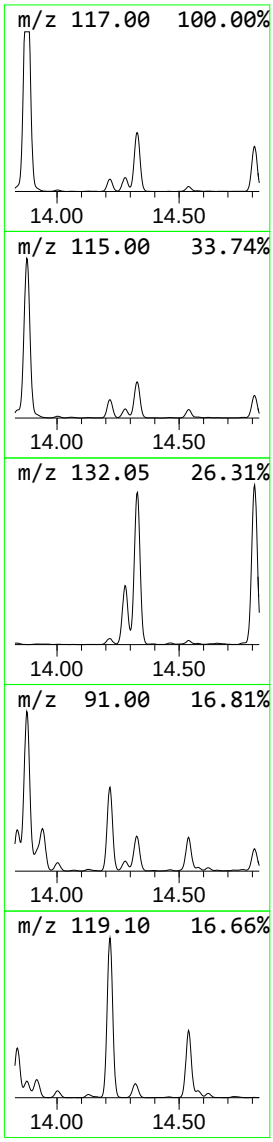
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.327 | 83.19 ug/l | 17880300 | 1,4-Dichlorobenzene-d4 | 13.672 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 87 |
| 2 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 83 |
| 3 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 81 |
| 4 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 81 |
| 5 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 81 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069918.D
Acq On : 9 Dec 2021 18:03
Operator : JC/MD
Sample : M4969-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-1A

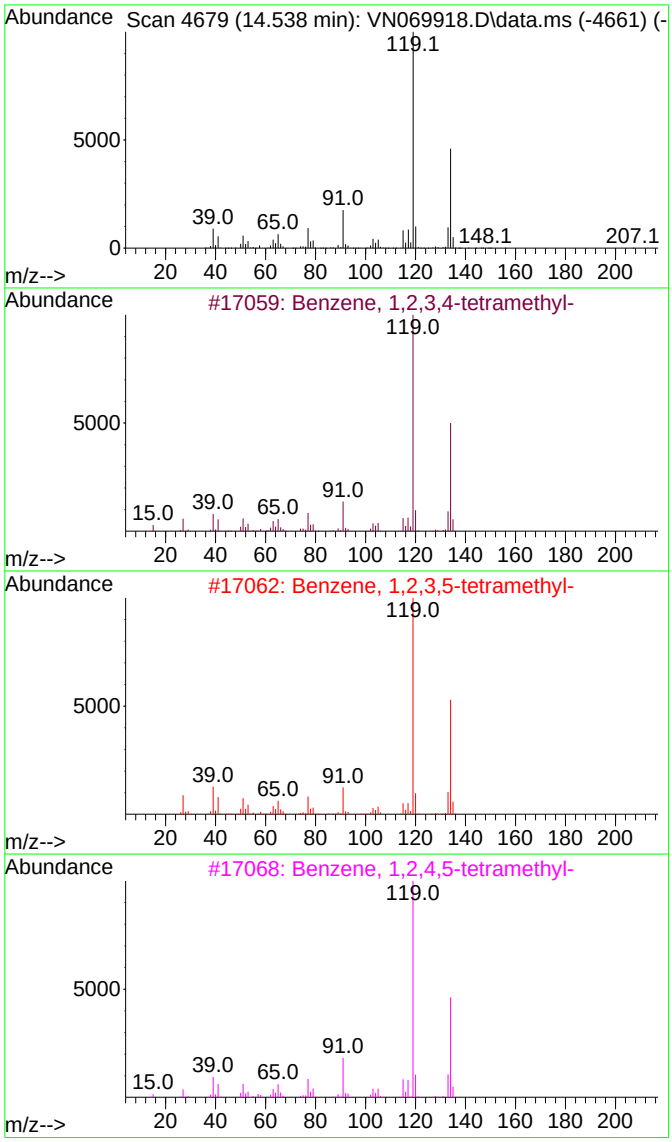
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

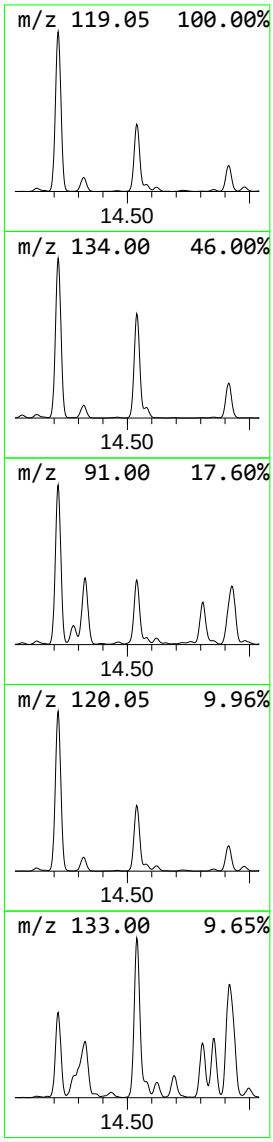
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.539 | 68.33 ug/l | 14686400 | 1,4-Dichlorobenzene-d4 | 13.672 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 2 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 96 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 96 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 5 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069918.D
Acq On : 9 Dec 2021 18:03
Operator : JC/MD
Sample : M4969-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-1A

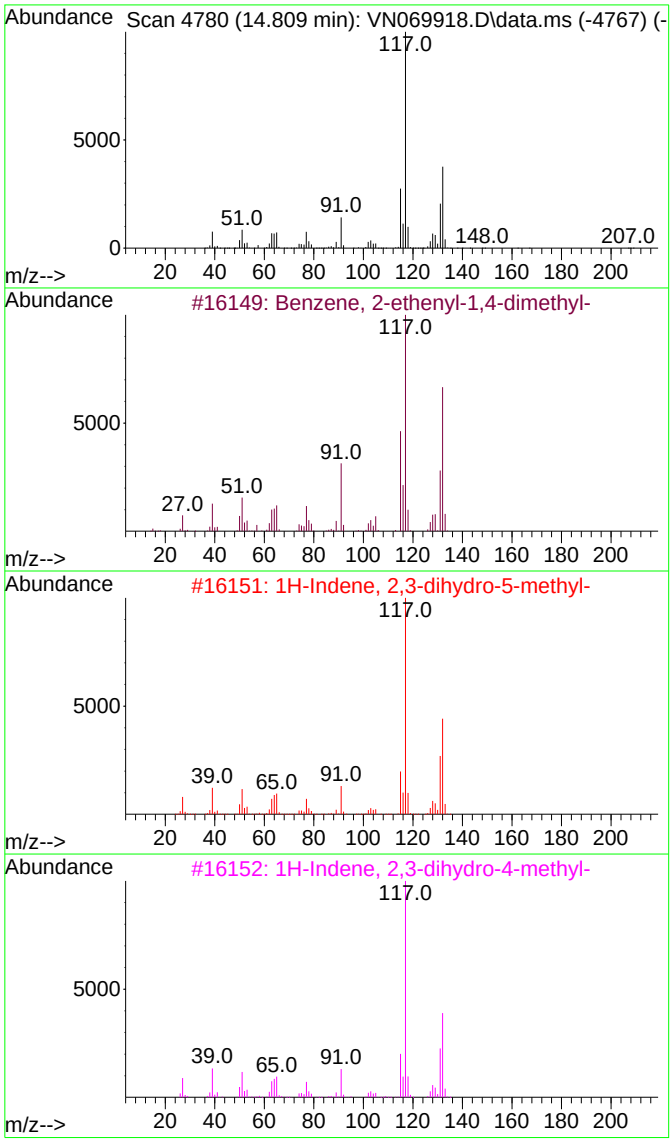
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

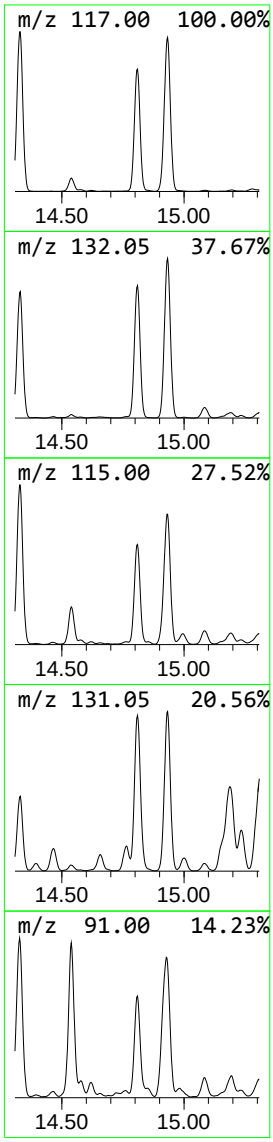
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.809 | 59.06 ug/l | 12694500 | 1,4-Dichlorobenzene-d4 | 13.672 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 96 |
| 2 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 96 |
| 3 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 95 |
| 4 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 94 |
| 5 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069918.D
Acq On : 9 Dec 2021 18:03
Operator : JC/MD
Sample : M4969-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-1A

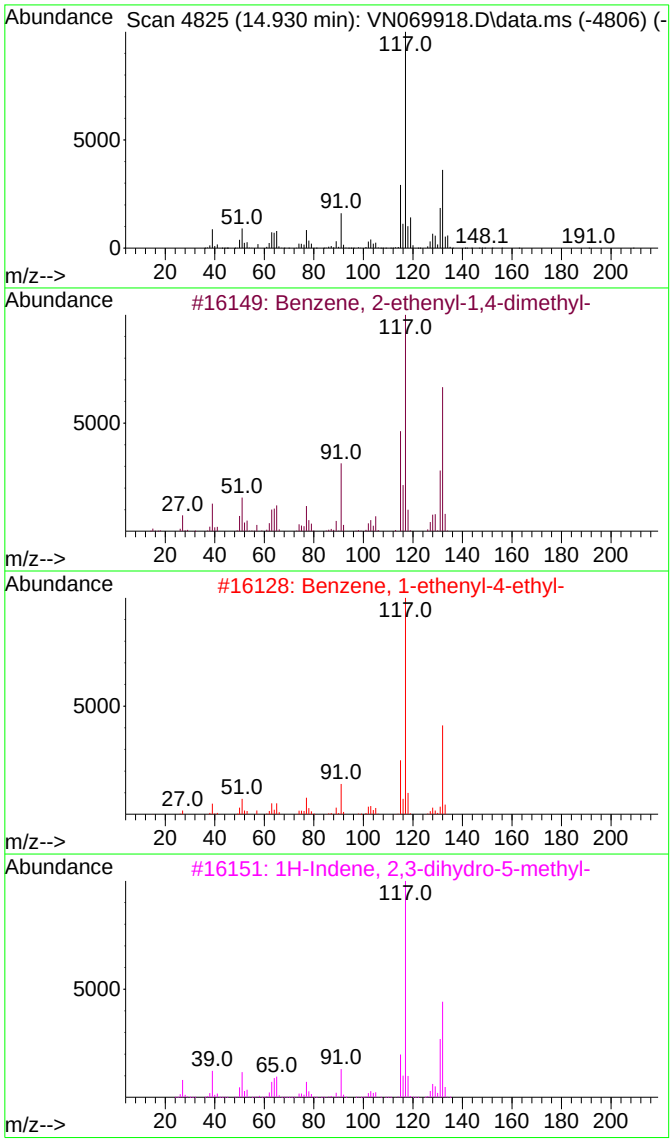
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

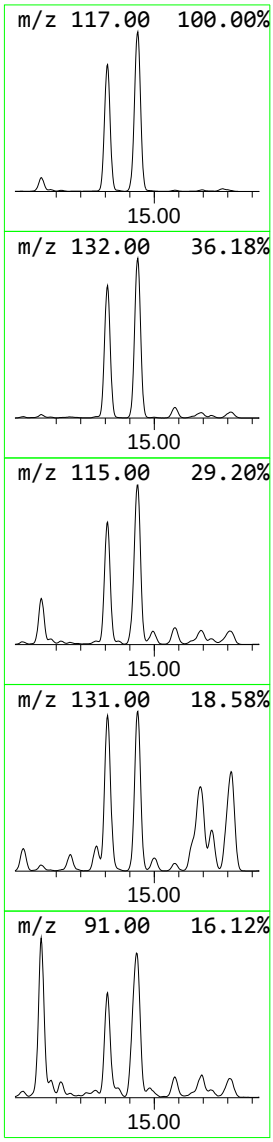
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.930 | 104.31 ug/l | 22420200 | 1,4-Dichlorobenzene-d4 | 13.672 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 96 |
| 2 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 94 |
| 3 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 94 |
| 4 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 93 |
| 5 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 93 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069918.D
Acq On : 9 Dec 2021 18:03
Operator : JC/MD
Sample : M4969-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-1A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Cyclopentane, m... | 7.147 | 44.6 | ug/l | 5616030 | 1 | 8.088 | 6293840 | 50.0 |
| Benzene, propyl- | 12.919 | 234.3 | ug/l | 50350300 | 4 | 13.672 | 10747100 | 50.0 |
| Benzene, 1,4-di... | 13.839 | 73.4 | ug/l | 15769700 | 4 | 13.672 | 10747100 | 50.0 |
| Benzene, (2-bro... | 13.876 | 297.6 | ug/l | 63956300 | 4 | 13.672 | 10747100 | 50.0 |
| Benzene, 2-ethy... | 14.217 | 146.3 | ug/l | 31439400 | 4 | 13.672 | 10747100 | 50.0 |
| 1-Methyl-2-phen... | 14.278 | 20.3 | ug/l | 4367510 | 4 | 13.672 | 10747100 | 50.0 |
| Benzene, 1-ethe... | 14.327 | 83.2 | ug/l | 17880300 | 4 | 13.672 | 10747100 | 50.0 |
| Benzene, 1,2,3,... | 14.539 | 68.3 | ug/l | 14686400 | 4 | 13.672 | 10747100 | 50.0 |
| Benzene, 2-ethe... | 14.809 | 59.1 | ug/l | 12694500 | 4 | 13.672 | 10747100 | 50.0 |
| Benzene, 1-ethe... | 14.930 | 104.3 | ug/l | 22420200 | 4 | 13.672 | 10747100 | 50.0 |