LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029572.D
Acq On : 18 Jun 2022 16:13
Operator : JC/MD
Sample : N3325-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-16

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_X\Method\82X061822W.M
Title : SW846 8260

Signal : TIC: VX029572.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.264 | 24 | 29 | 43 | rBV2 | 253651 | 657154 | 5.67% | 1.447% |
| 2 | 1.368 | 43 | 46 | 51 | rVB | 202897 | 207605 | 1.79% | 0.457% |
| 3 | 1.752 | 103 | 109 | 122 | rVB | 531981 | 749431 | 6.46% | 1.650% |
| 4 | 2.782 | 267 | 278 | 282 | rBV3 | 109196 | 300250 | 2.59% | 0.661% |
| 5 | 2.867 | 287 | 292 | 302 | rVB | 228044 | 476802 | 4.11% | 1.050% |
| 6 | 3.105 | 322 | 331 | 346 | rVB2 | 128784 | 308056 | 2.66% | 0.678% |
| 7 | 4.306 | 519 | 528 | 539 | rVB | 205351 | 580821 | 5.01% | 1.279% |
| 8 | 5.391 | 693 | 706 | 713 | rBV2 | 152039 | 447624 | 3.86% | 0.986% |
| 9 | 5.477 | 713 | 720 | 726 | rVV2 | 75056 | 200261 | 1.73% | 0.441% |
| 10 | 5.556 | 726 | 733 | 741 | rVV2 | 247146 | 634253 | 5.47% | 1.396% |
| 11 | 5.958 | 790 | 799 | 805 | rBV | 162504 | 427497 | 3.69% | 0.941% |
| 12 | 6.044 | 805 | 813 | 825 | rVV | 1014315 | 2657992 | 22.91% | 5.852% |
| 13 | 6.159 | 825 | 832 | 838 | rVV3 | 47495 | 157535 | 1.36% | 0.347% |
| 14 | 6.251 | 840 | 847 | 857 | rVV5 | 92603 | 314343 | 2.71% | 0.692% |
| 15 | 6.763 | 920 | 931 | 941 | rBV | 423660 | 1023399 | 8.82% | 2.253% |
| 16 | 7.379 | 1019 | 1032 | 1044 | rBV4 | 95254 | 272619 | 2.35% | 0.600% |
| 17 | 8.110 | 1143 | 1152 | 1155 | rBV | 118561 | 235847 | 2.03% | 0.519% |
| 18 | 8.147 | 1155 | 1158 | 1163 | rVB | 92617 | 143542 | 1.24% | 0.316% |
| 19 | 8.507 | 1210 | 1217 | 1226 | rVB2 | 80389 | 145064 | 1.25% | 0.319% |
| 20 | 8.653 | 1235 | 1241 | 1248 | rVB | 855304 | 1320124 | 11.38% | 2.906% |
| 21 | 9.165 | 1320 | 1325 | 1334 | rVB | 93697 | 143834 | 1.24% | 0.317% |
| 22 | 10.055 | 1461 | 1471 | 1476 | rBV | 853035 | 1177314 | 10.15% | 2.592% |
| 23 | 10.195 | 1490 | 1494 | 1499 | rBV | 375284 | 472296 | 4.07% | 1.040% |
| 24 | 10.305 | 1505 | 1512 | 1518 | rVB | 110742 | 167048 | 1.44% | 0.368% |
| 25 | 10.963 | 1614 | 1620 | 1627 | rBV | 580806 | 715498 | 6.17% | 1.575% |
| 26 | 11.085 | 1635 | 1640 | 1645 | rBV | 637481 | 832515 | 7.18% | 1.833% |
| 27 | 11.305 | 1667 | 1676 | 1682 | rBV | 1383814 | 1676565 | 14.45% | 3.691% |
| 28 | 11.616 | 1721 | 1727 | 1736 | rBV | 236532 | 298845 | 2.58% | 0.658% |
| 29 | 11.866 | 1763 | 1768 | 1770 | rBV | 88213 | 116887 | 1.01% | 0.257% |
| 30 | 11.890 | 1770 | 1772 | 1780 | rVB | 143113 | 172684 | 1.49% | 0.380% |
| 31 | 12.024 | 1789 | 1794 | 1801 | rVB | 901497 | 1086441 | 9.37% | 2.392% |
| 32 | 12.244 | 1825 | 1830 | 1837 | rBV | 9072198 | 11599569 | 100.00% | 25.539% |
| 33 | 12.317 | 1837 | 1842 | 1852 | rVB2 | 428786 | 647025 | 5.58% | 1.425% |
| 34 | 12.408 | 1852 | 1857 | 1862 | rBV2 | 327778 | 423859 | 3.65% | 0.933% |
| 35 | 12.616 | 1886 | 1891 | 1894 | rBV | 1290748 | 1580634 | 13.63% | 3.480% |
| 36 | 12.646 | 1894 | 1896 | 1900 | rVV | 798494 | 845192 | 7.29% | 1.861% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029572.D
Acq On : 18 Jun 2022 16:13
Operator : JC/MD
Sample : N3325-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-16

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_X\Method\82X061822W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.701 | 1900 | 1905 | 1912 | rVB | 2687687 | 3318776 | 28.61% | 7.307% |
| 38 | 12.920 | 1933 | 1941 | 1946 | rBV | 759675 | 970283 | 8.36% | 2.136% |
| 39 | 13.170 | 1978 | 1982 | 1992 | rVB | 1874712 | 2228828 | 19.21% | 4.907% |
| 40 | 13.292 | 1997 | 2002 | 2007 | rVV2 | 1972508 | 2592283 | 22.35% | 5.707% |
| 41 | 13.347 | 2007 | 2011 | 2017 | rVV3 | 169033 | 246434 | 2.12% | 0.543% |
| 42 | 13.426 | 2019 | 2024 | 2029 | rVB | 393396 | 493391 | 4.25% | 1.086% |
| 43 | 13.506 | 2032 | 2037 | 2040 | rVV2 | 83556 | 117639 | 1.01% | 0.259% |
| 44 | 13.542 | 2040 | 2043 | 2047 | rVV | 254123 | 363546 | 3.13% | 0.800% |
| 45 | 13.585 | 2047 | 2050 | 2054 | rVV3 | 144141 | 206538 | 1.78% | 0.455% |
| 46 | 13.646 | 2054 | 2060 | 2061 | rVV2 | 154269 | 237141 | 2.04% | 0.522% |
| 47 | 13.664 | 2061 | 2063 | 2073 | rVB | 261171 | 296968 | 2.56% | 0.654% |
| 48 | 13.865 | 2089 | 2096 | 2101 | rBV2 | 88729 | 140596 | 1.21% | 0.310% |
| 49 | 13.926 | 2101 | 2106 | 2110 | rBV2 | 96670 | 119519 | 1.03% | 0.263% |
| 50 | 14.079 | 2126 | 2131 | 2137 | rBV | 152001 | 194011 | 1.67% | 0.427% |
| 51 | 14.219 | 2149 | 2154 | 2159 | rBV | 107512 | 186138 | 1.60% | 0.410% |
| 52 | 14.371 | 2176 | 2179 | 2185 | rVB2 | 88381 | 123031 | 1.06% | 0.271% |
| 53 | 14.780 | 2241 | 2246 | 2254 | rBV2 | 269397 | 368210 | 3.17% | 0.811% |

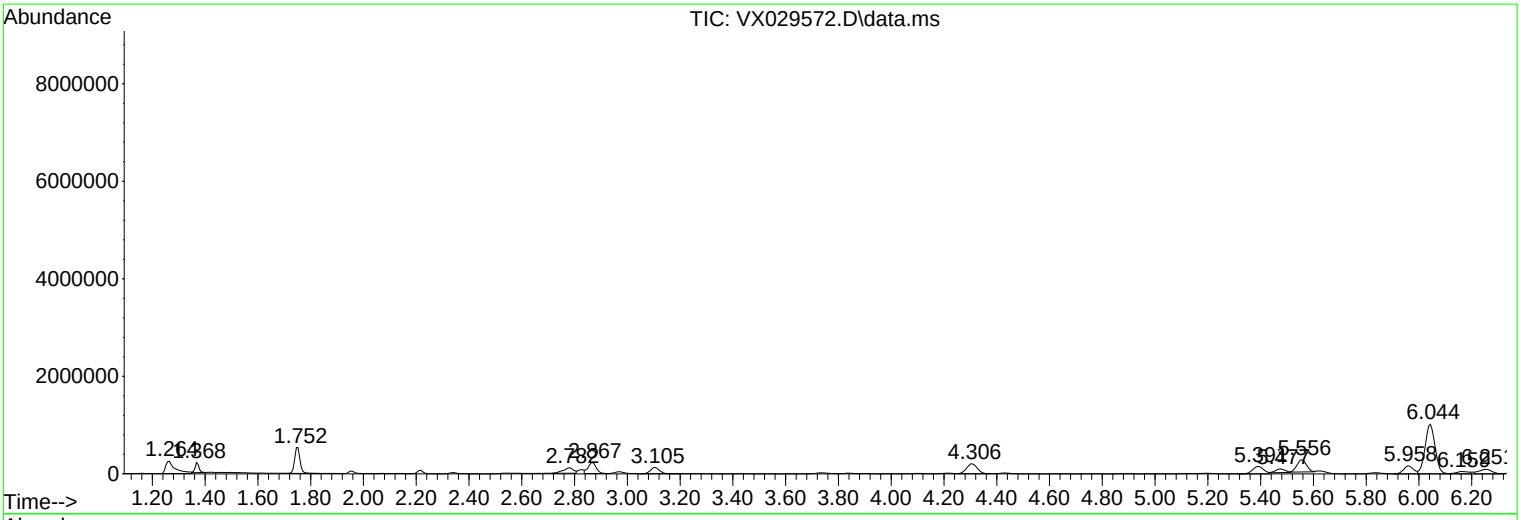
Sum of corrected areas: 45419757

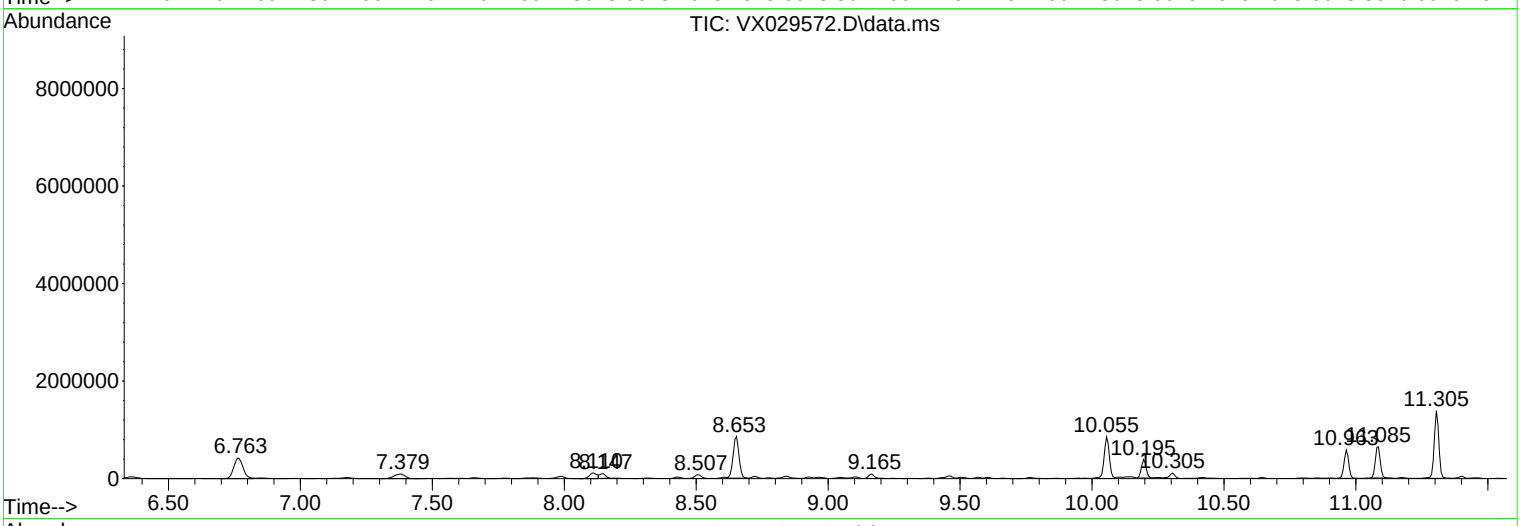
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029572.D
Acq On : 18 Jun 2022 16:13
Operator : JC/MD
Sample : N3325-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

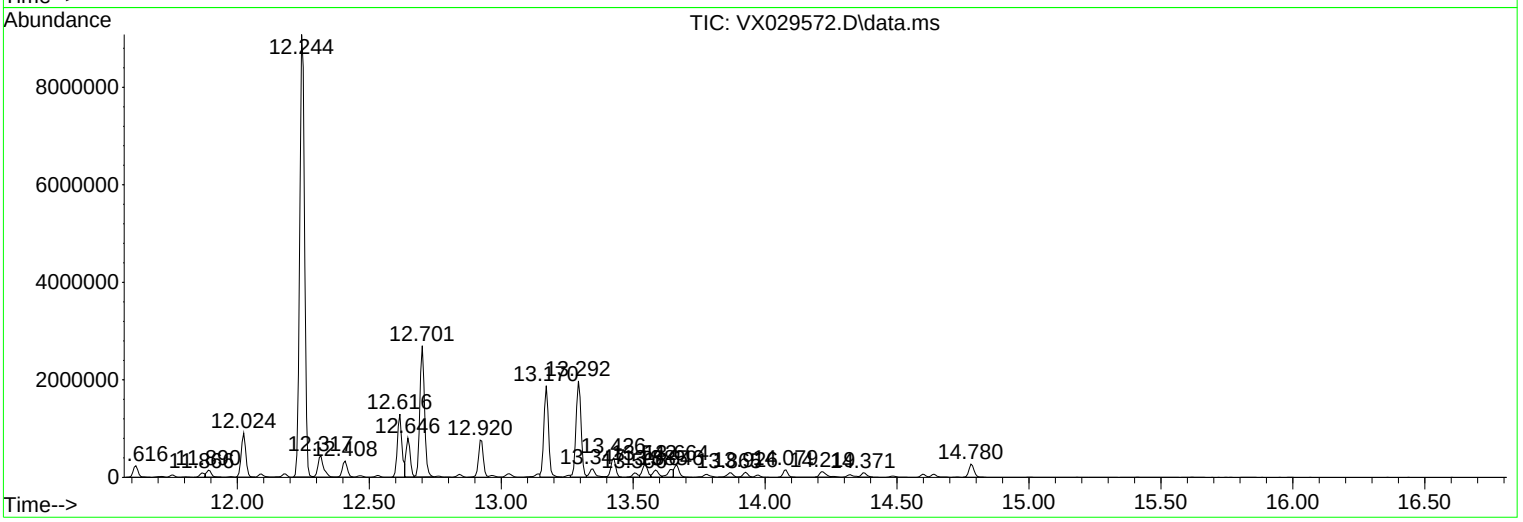
**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-16

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029572.D
Acq On : 18 Jun 2022 16:13
Operator : JC/MD
Sample : N3325-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-16

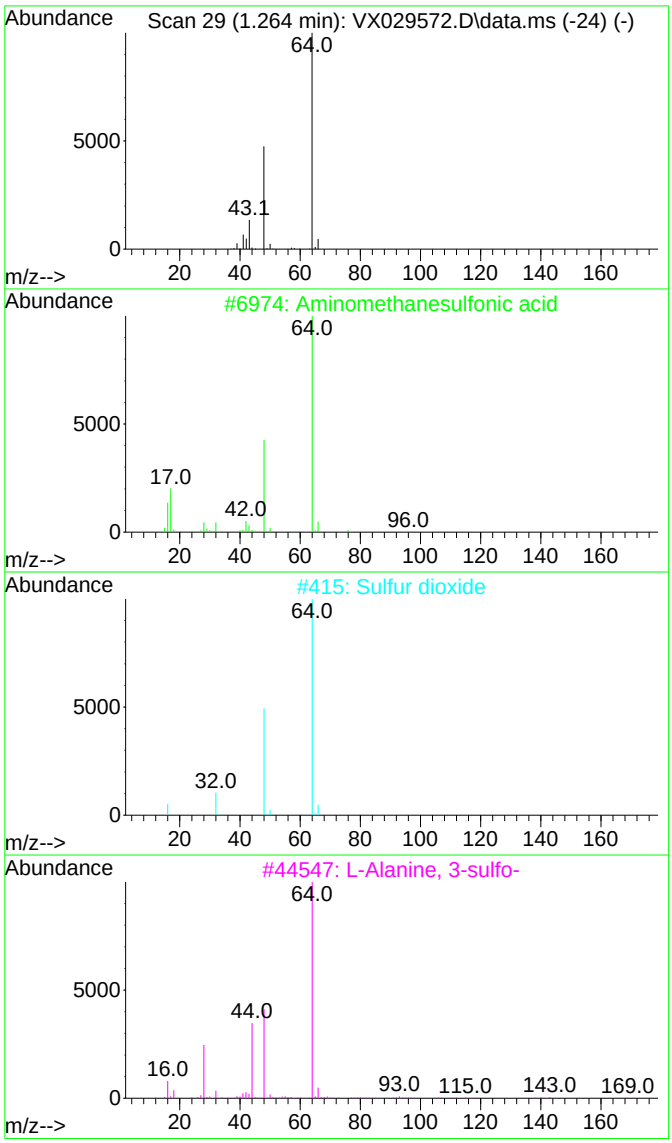
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

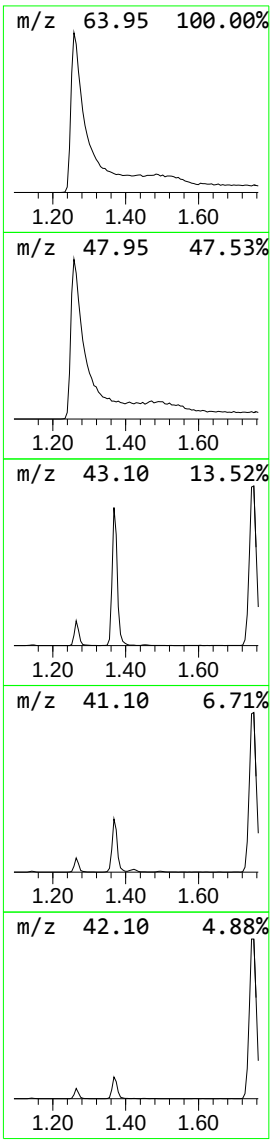
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Aminomethanesulfonic acid Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.264 | 51.81 ug/l | 657154 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Aminomethanesulfonic acid | 111 | CH5NO3S | 013881-91-9 | 83 |
| 2 | Sulfur dioxide | 64 | O2S | 007446-09-5 | 83 |
| 3 | L-Alanine, 3-sulfo- | 169 | C3H7NO5S | 000498-40-8 | 64 |
| 4 | Ethene, 1,1-difluoro- | 64 | C2H2F2 | 000075-38-7 | 4 |
| 5 | Ethyl Chloride | 64 | C2H5Cl | 000075-00-3 | 3 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029572.D
Acq On : 18 Jun 2022 16:13
Operator : JC/MD
Sample : N3325-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-16

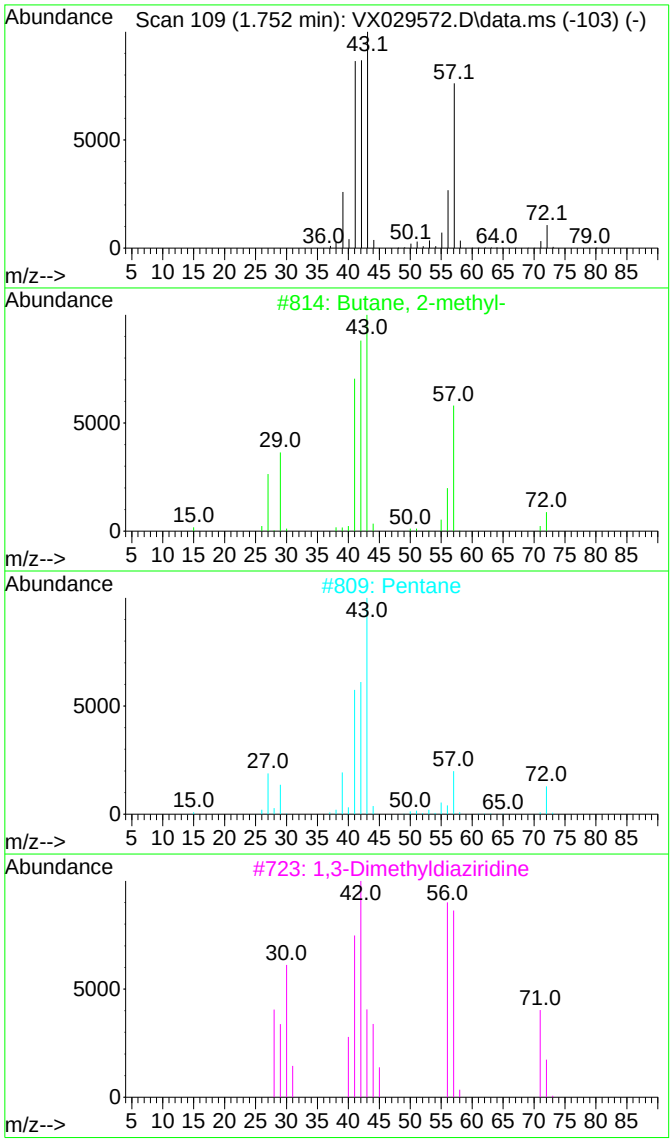
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

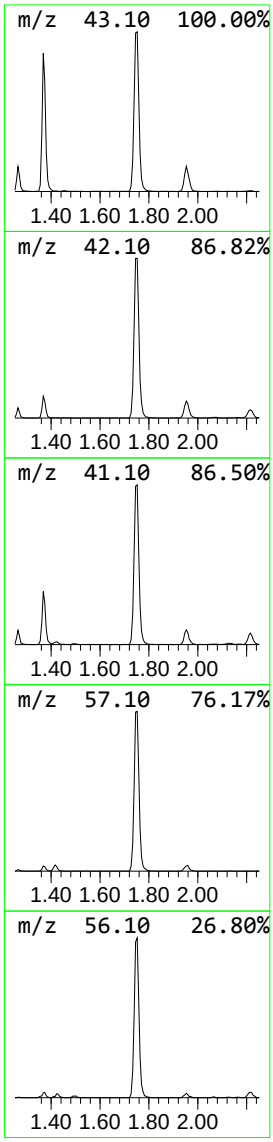
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Butane, 2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.752 | 59.08 ug/l | 749431 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 87 |
| 2 | Pentane | 72 | C5H12 | 000109-66-0 | 43 |
| 3 | 1,3-Dimethyldiaziridine | 72 | C3H8N2 | 026177-36-6 | 36 |
| 4 | Pentane, 2,2,4,4-tetramethyl- | 128 | C9H20 | 001070-87-7 | 10 |
| 5 | Butane, 1-chloro-2-methyl- | 106 | C5H11Cl | 000616-13-7 | 10 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029572.D
Acq On : 18 Jun 2022 16:13
Operator : JC/MD
Sample : N3325-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-16

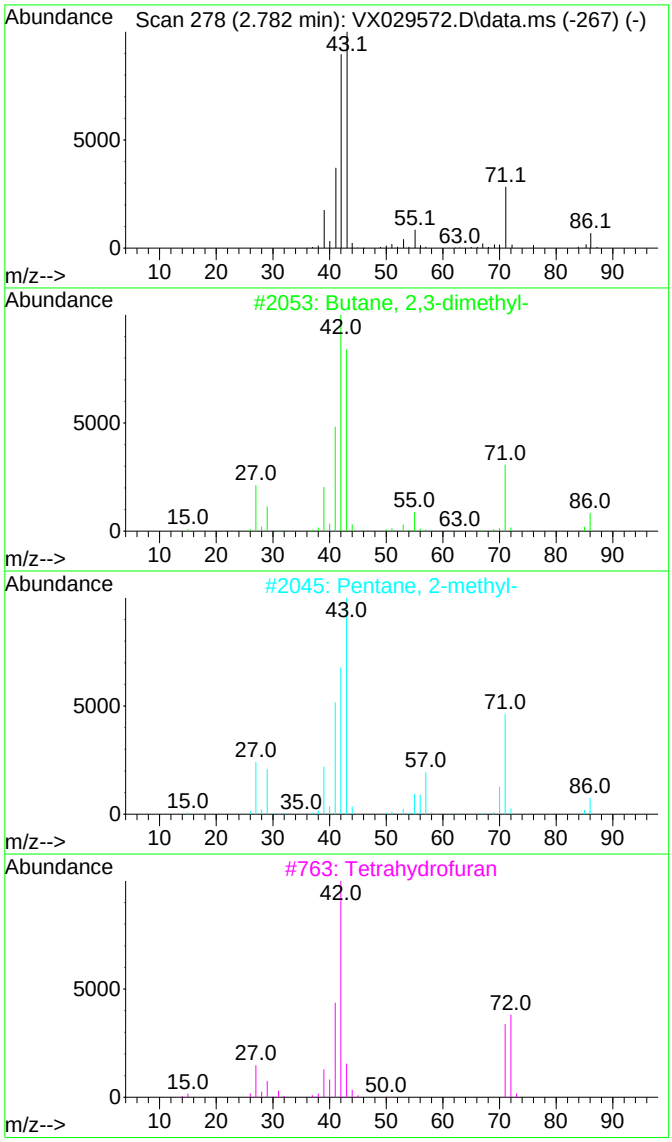
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

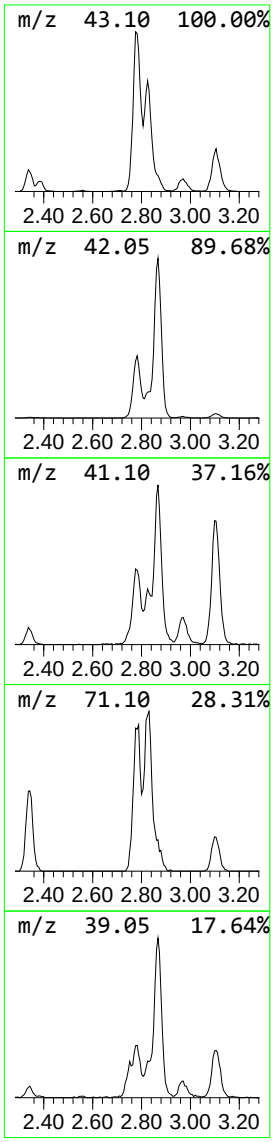
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Butane, 2,3-dimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.782 | 23.67 ug/l | 300250 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2,3-dimethyl- | 86 | C6H14 | 000079-29-8 | 90 |
| 2 | Pentane, 2-methyl- | 86 | C6H14 | 000107-83-5 | 47 |
| 3 | Tetrahydrofuran | 72 | C4H8O | 000109-99-9 | 36 |
| 4 | Hydroxylamine, O-(3-methylbutyl)- | 103 | C5H13NO | 019411-65-5 | 12 |
| 5 | Propanoyl chloride, 2-methyl- | 106 | C4H7ClO | 000079-30-1 | 10 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029572.D
Acq On : 18 Jun 2022 16:13
Operator : JC/MD
Sample : N3325-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-16

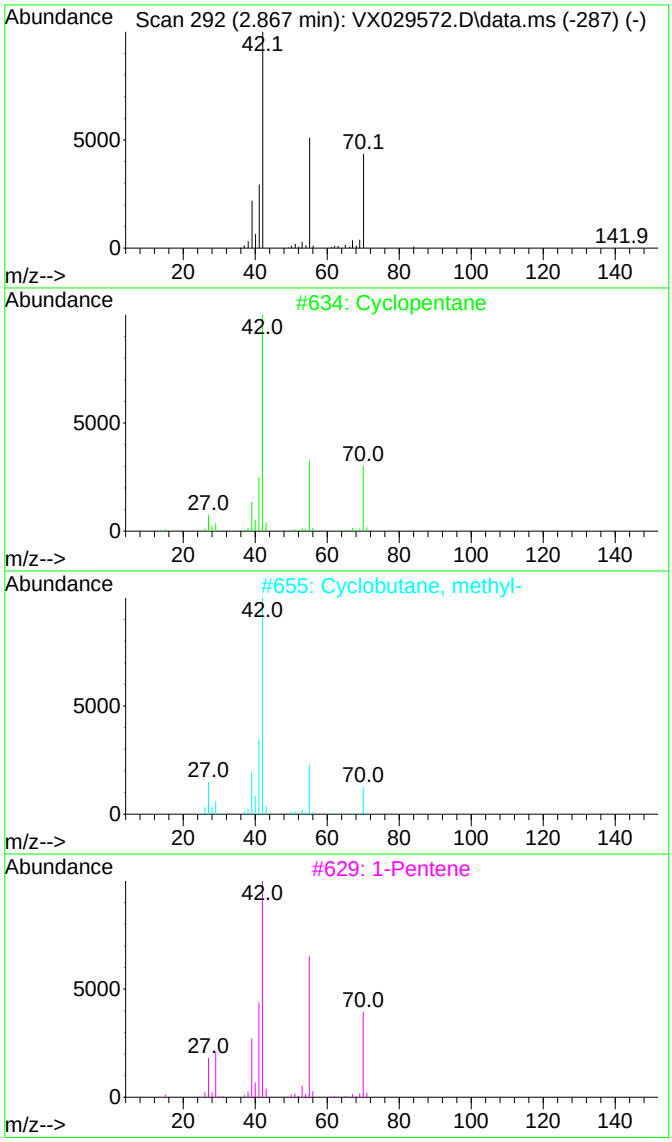
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

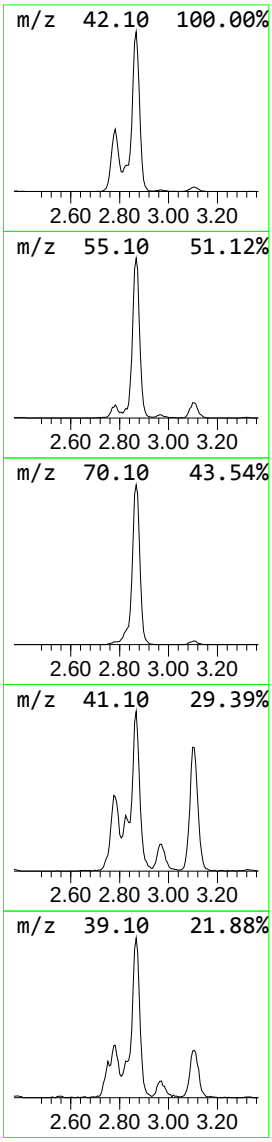
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Cyclopentane Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.867 | 37.59 ug/l | 476802 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane | 70 | C5H10 | 000287-92-3 | 86 |
| 2 | Cyclobutane, methyl- | 70 | C5H10 | 000598-61-8 | 72 |
| 3 | 1-Pentene | 70 | C5H10 | 000109-67-1 | 50 |
| 4 | 2-Pentene | 70 | C5H10 | 000109-68-2 | 38 |
| 5 | Cyclopropane, 1,1-dimethyl- | 70 | C5H10 | 001630-94-0 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029572.D
Acq On : 18 Jun 2022 16:13
Operator : JC/MD
Sample : N3325-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-16

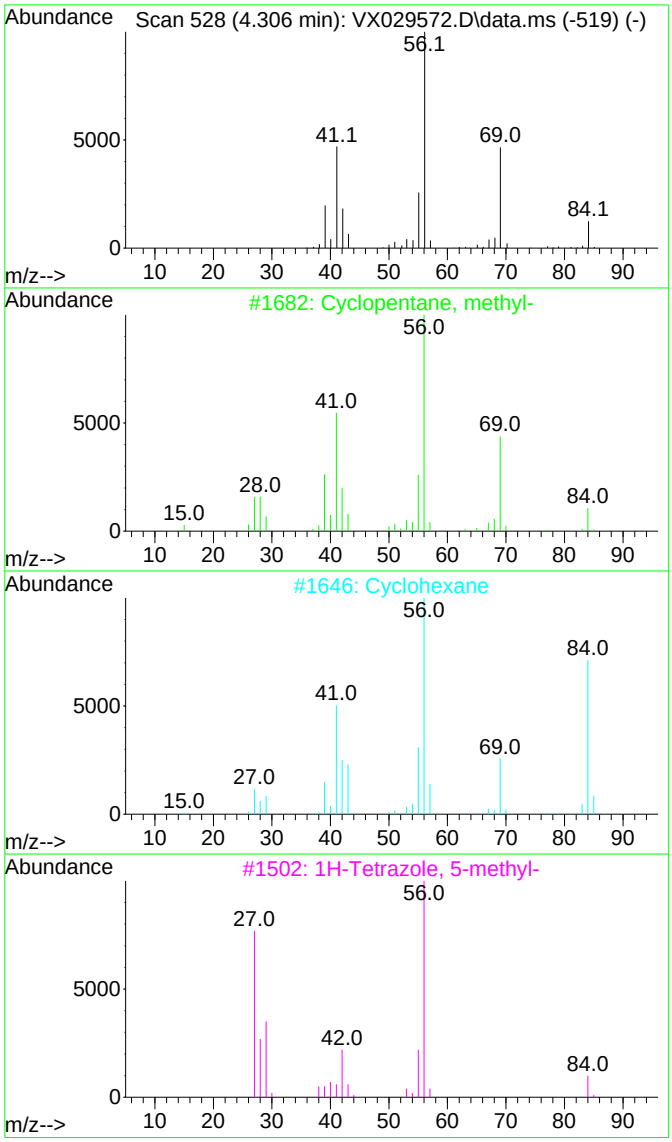
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

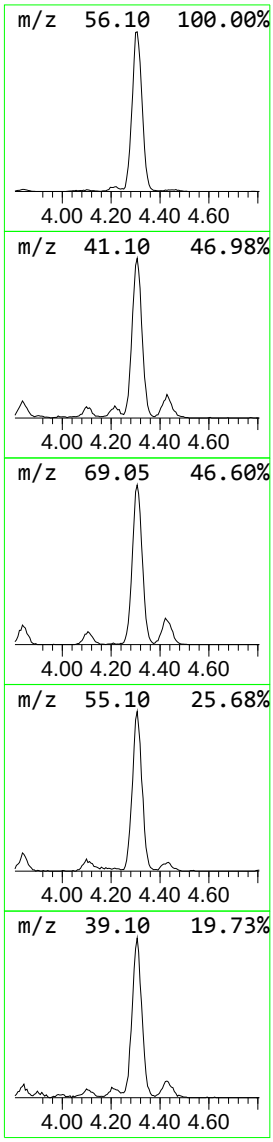
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Cyclopentane, methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.306 | 45.79 ug/l | 580821 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 94 |
| 2 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 78 |
| 3 | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4 | 004076-36-2 | 72 |
| 4 | Cyclobutane, ethyl- | 84 | C6H12 | 004806-61-5 | 72 |
| 5 | Cyclopentane, 1,1-dimethyl- | 98 | C7H14 | 001638-26-2 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029572.D
Acq On : 18 Jun 2022 16:13
Operator : JC/MD
Sample : N3325-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-16

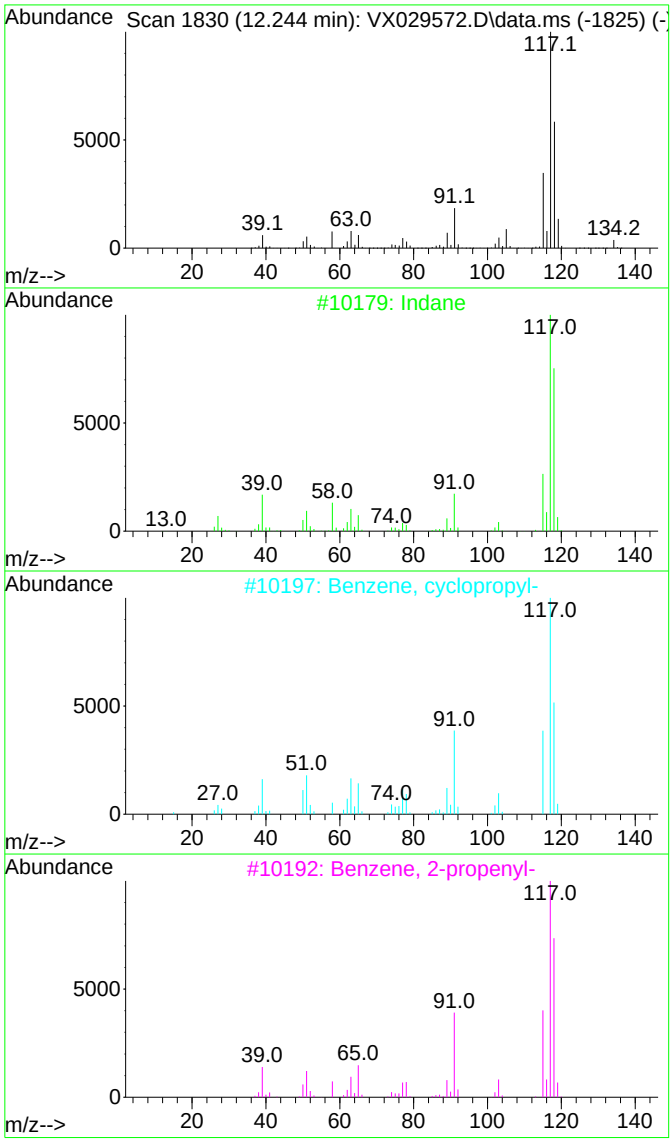
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

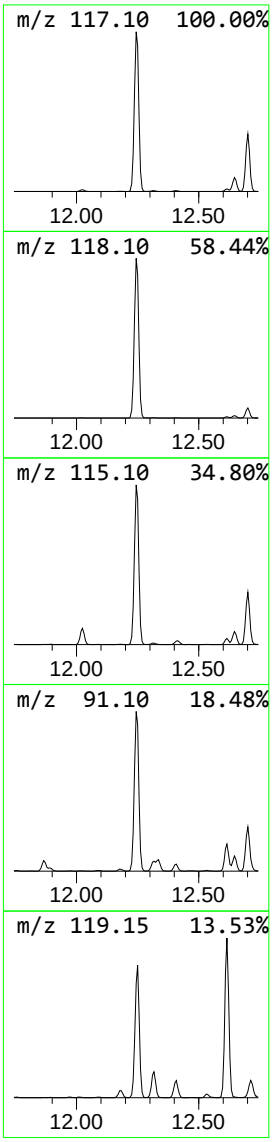
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Indane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.244 | 533.83 ug/l | 11599600 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 81 |
| 2 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 81 |
| 3 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 81 |
| 4 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 64 |
| 5 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 60 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029572.D
Acq On : 18 Jun 2022 16:13
Operator : JC/MD
Sample : N3325-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-16

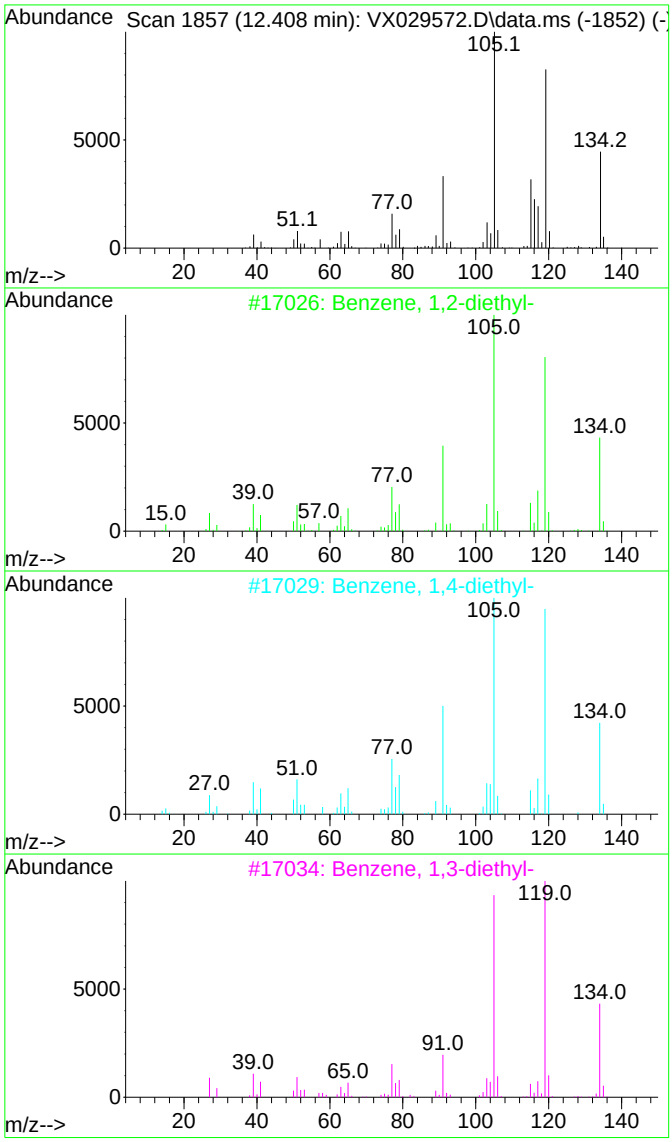
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

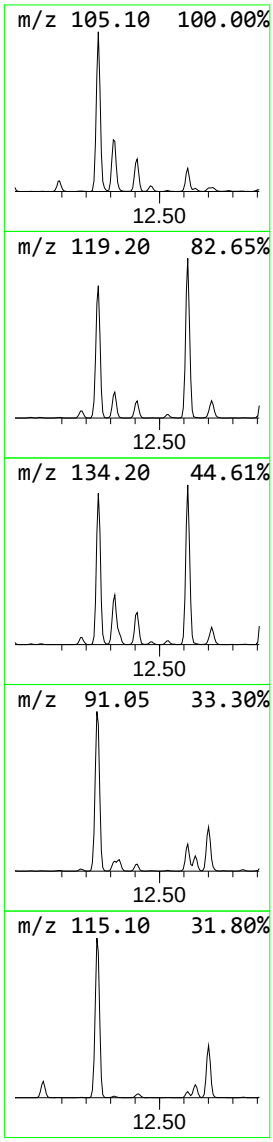
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, 1,2-diethyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.408 | 19.51 ug/l | 423859 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 96 |
| 2 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 81 |
| 3 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 76 |
| 4 | 2,6-Dimethyl-1,3,5,7-octatetraen... | 134 | C10H14 | 000460-01-5 | 68 |
| 5 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 62 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029572.D
Acq On : 18 Jun 2022 16:13
Operator : JC/MD
Sample : N3325-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-16

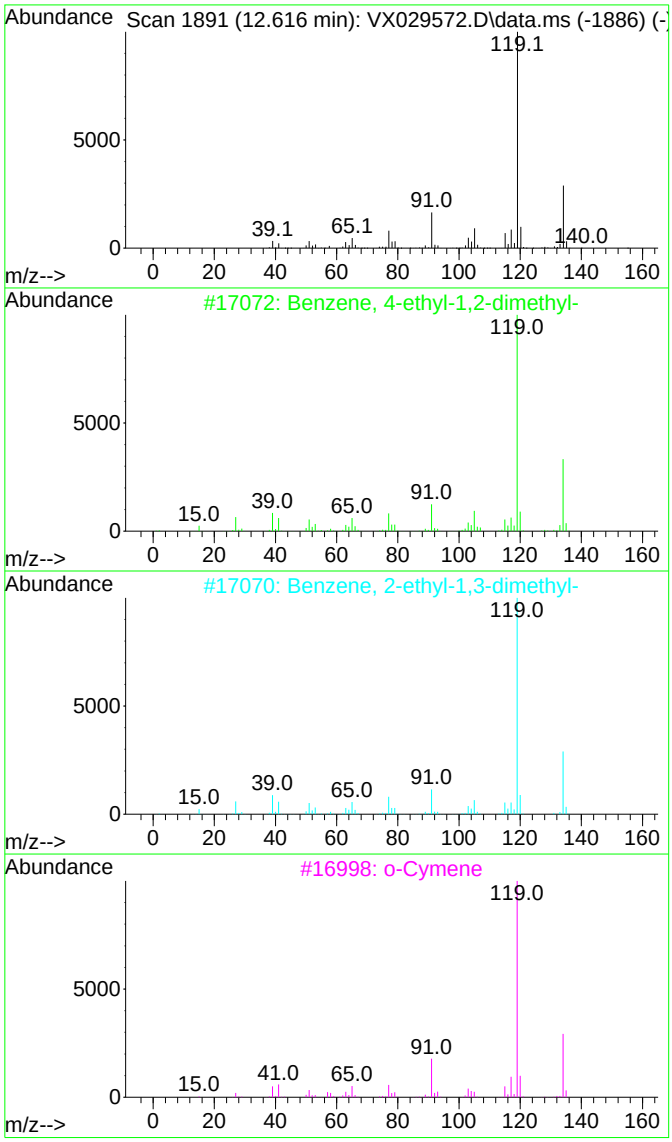
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

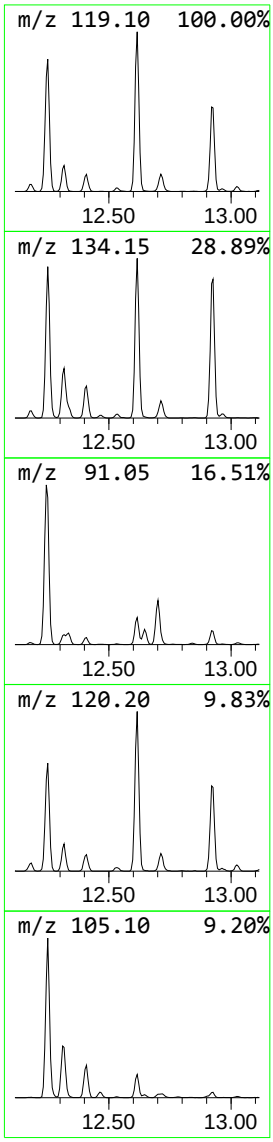
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.616 | 72.74 ug/l | 1580630 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 95 |
| 2 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 95 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 94 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029572.D
Acq On : 18 Jun 2022 16:13
Operator : JC/MD
Sample : N3325-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-16

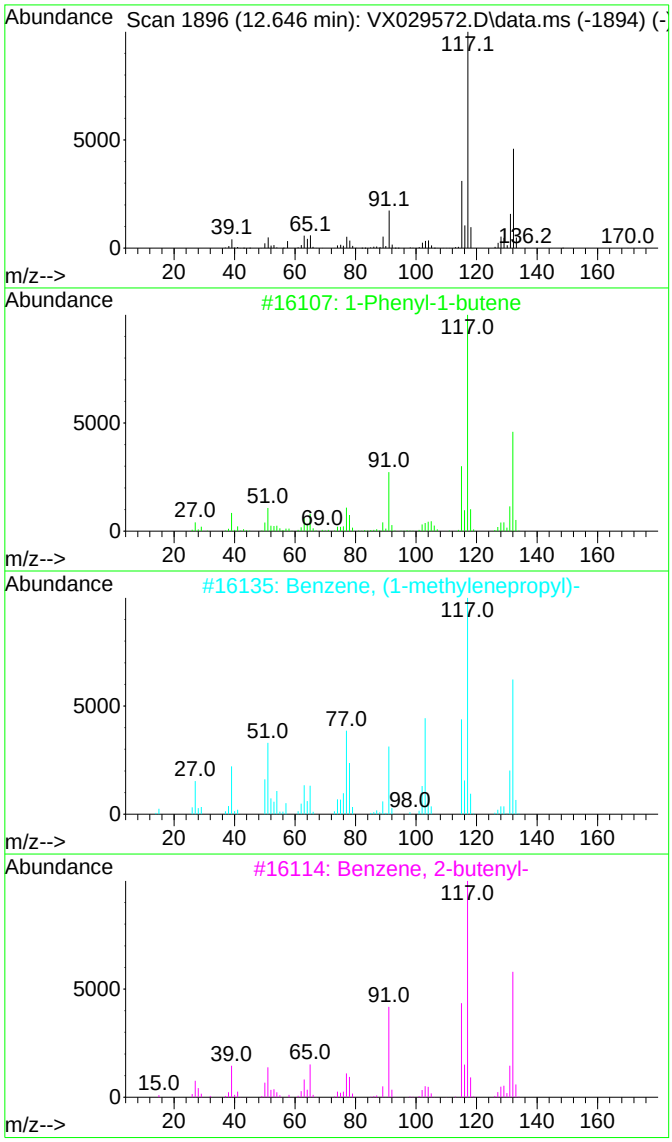
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

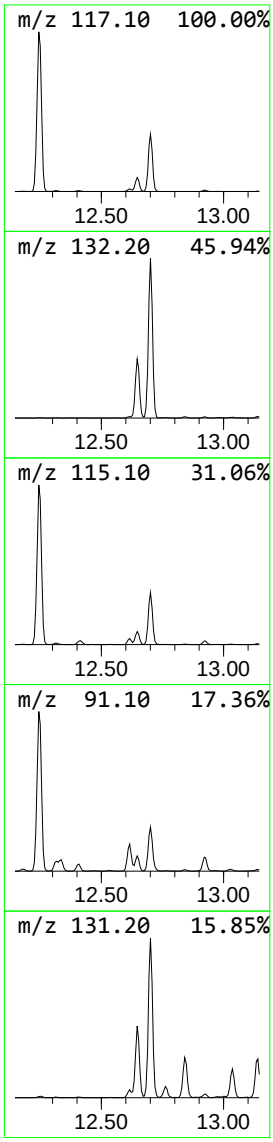
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 1-Phenyl-1-butene Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.646 | 38.90 ug/l | 845192 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 94 |
| 2 | Benzene, (1-methylenepropyl)- | 132 | C10H12 | 002039-93-2 | 91 |
| 3 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 91 |
| 4 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 91 |
| 5 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000767-99-7 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029572.D
Acq On : 18 Jun 2022 16:13
Operator : JC/MD
Sample : N3325-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-16

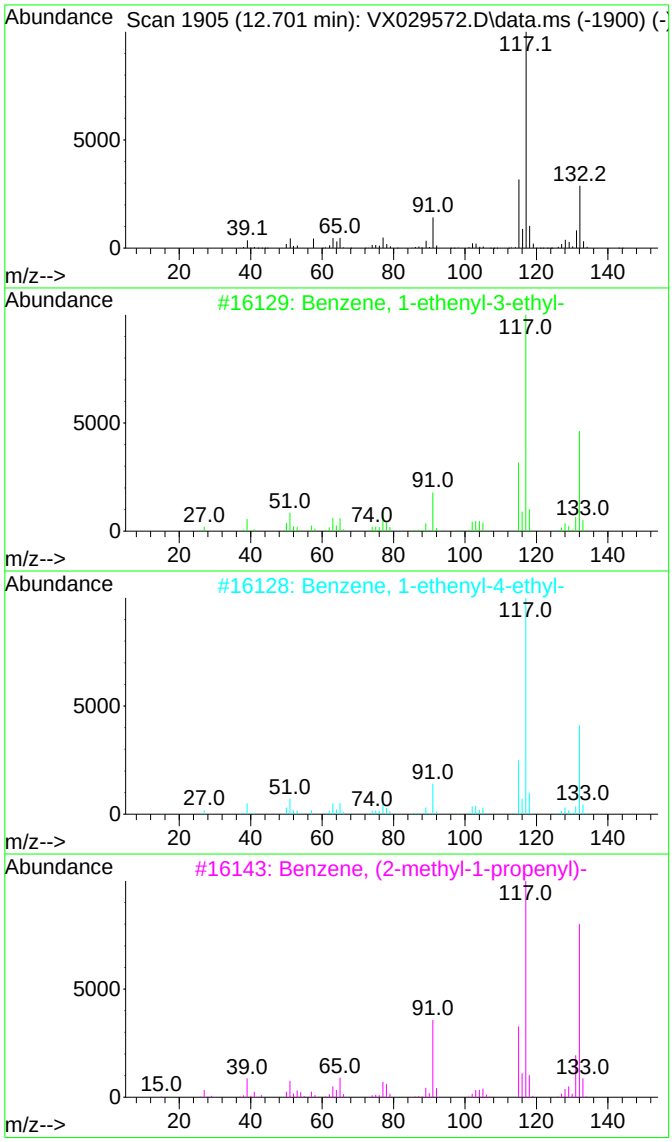
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

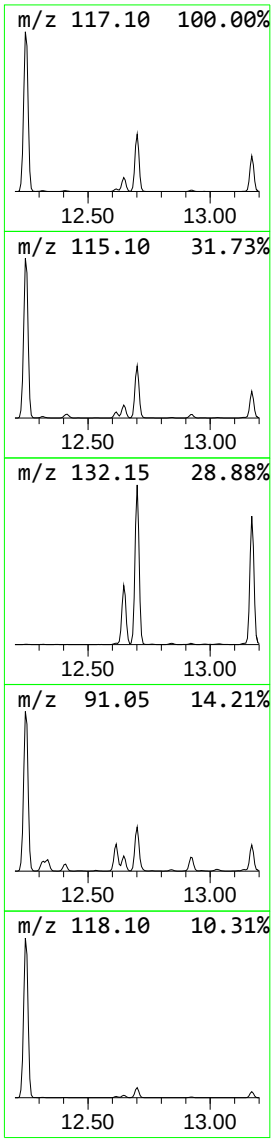
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.701 | 152.74 ug/l | 3318780 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 91 |
| 2 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 91 |
| 3 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 90 |
| 4 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 90 |
| 5 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029572.D
Acq On : 18 Jun 2022 16:13
Operator : JC/MD
Sample : N3325-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-16

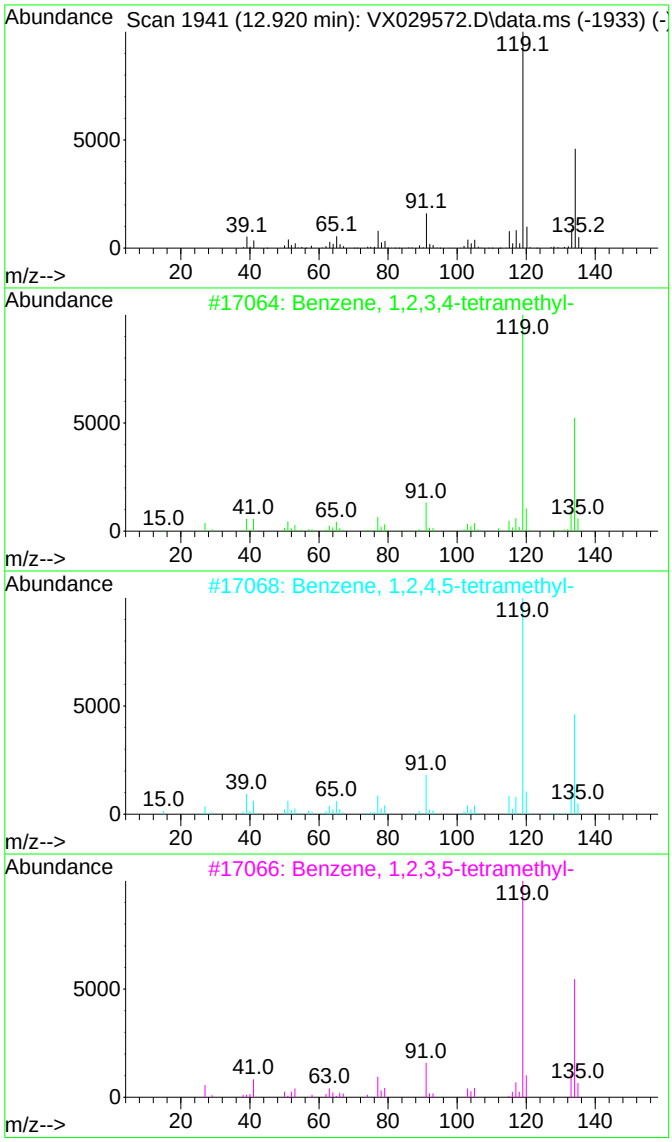
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

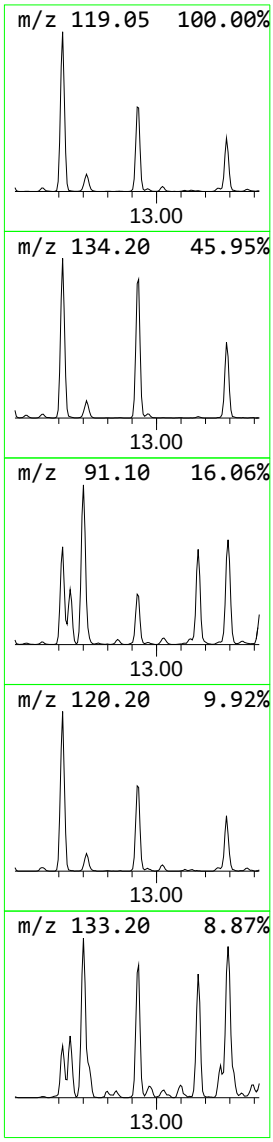
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.920 | 44.65 ug/l | 970283 | 1,4-Dichlorobenzene-d4 | 12.024 |

| 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 | 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_X\Data\VX061822\
Data File : VX029572.D
Acq On : 18 Jun 2022 16:13
Operator : JC/MD
Sample : N3325-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-16

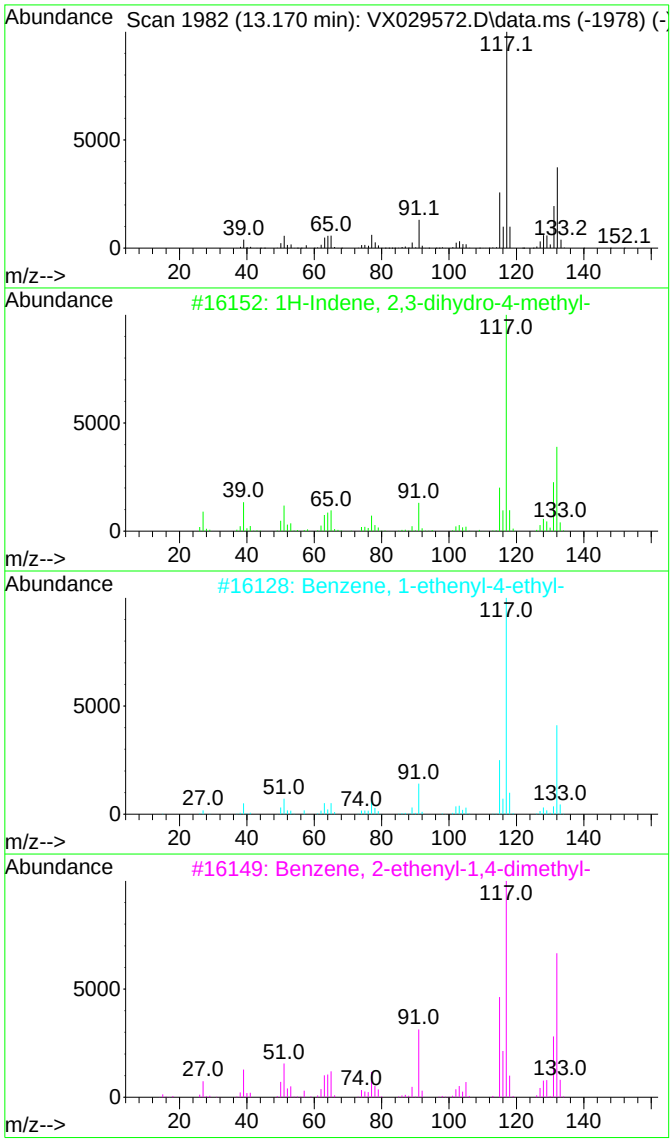
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

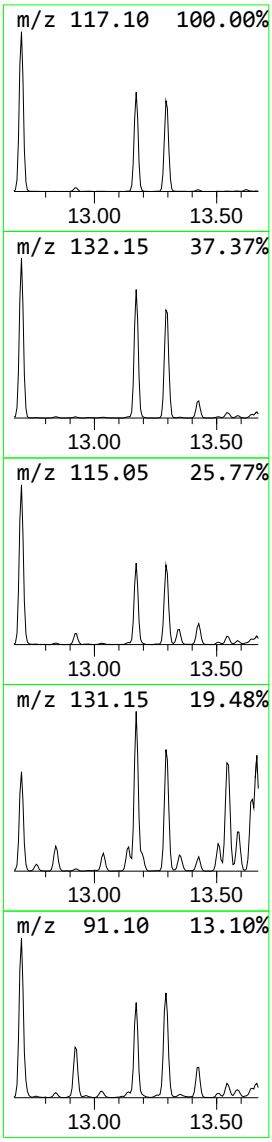
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.170 | 102.58 ug/l | 2228830 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 95 |
| 2 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 94 |
| 3 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 92 |
| 4 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 90 |
| 5 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029572.D
Acq On : 18 Jun 2022 16:13
Operator : JC/MD
Sample : N3325-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-16

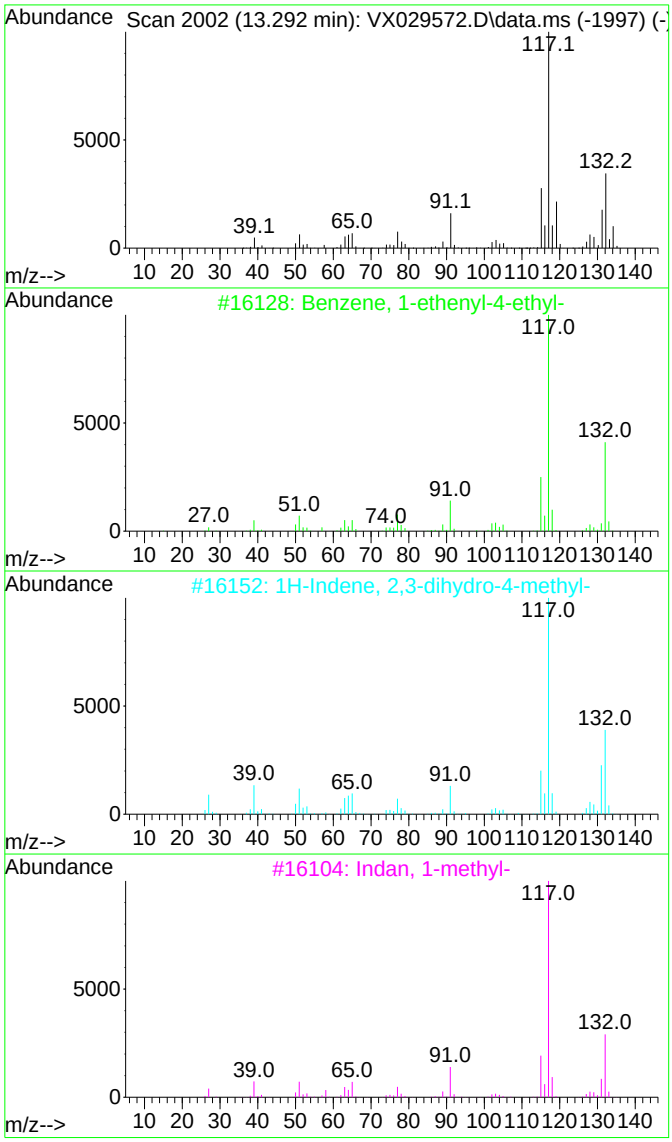
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

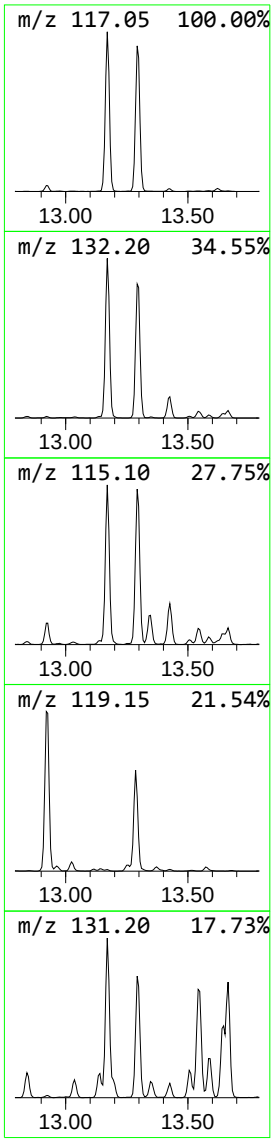
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.292 | 119.30 ug/l | 2592280 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 94 |
| 2 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 93 |
| 3 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 93 |
| 4 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 90 |
| 5 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 89 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029572.D
Acq On : 18 Jun 2022 16:13
Operator : JC/MD
Sample : N3325-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-16

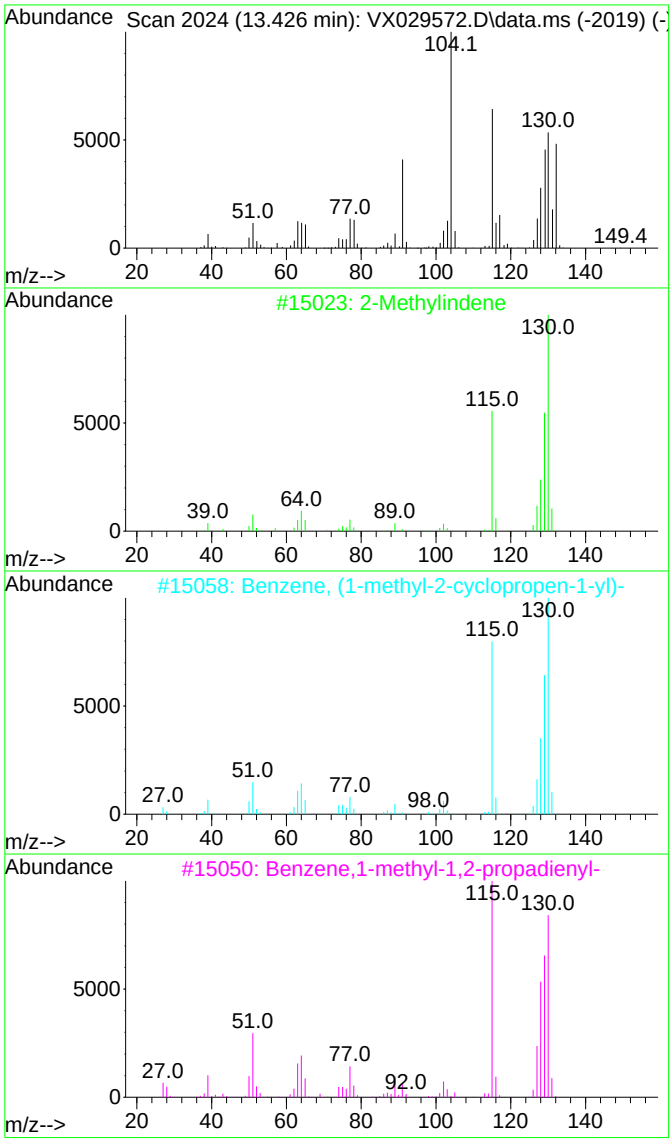
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

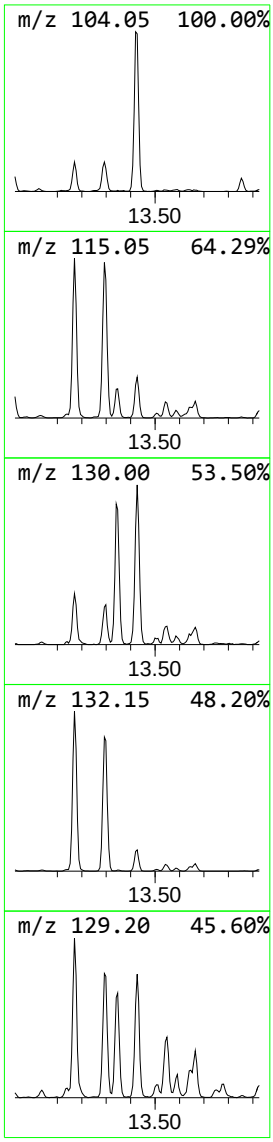
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 2-Methylindene Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.426 | 22.71 ug/l | 493391 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Methylindene | 130 | C10H10 | 002177-47-1 | 84 |
| 2 | Benzene, (1-methyl-2-cyclopropen... | 130 | C10H10 | 065051-83-4 | 84 |
| 3 | Benzene,1-methyl-1,2-propadienyl- | 130 | C10H10 | 022433-39-2 | 66 |
| 4 | 1H-Indene, 1-methyl- | 130 | C10H10 | 000767-59-9 | 52 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029572.D
Acq On : 18 Jun 2022 16:13
Operator : JC/MD
Sample : N3325-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-16

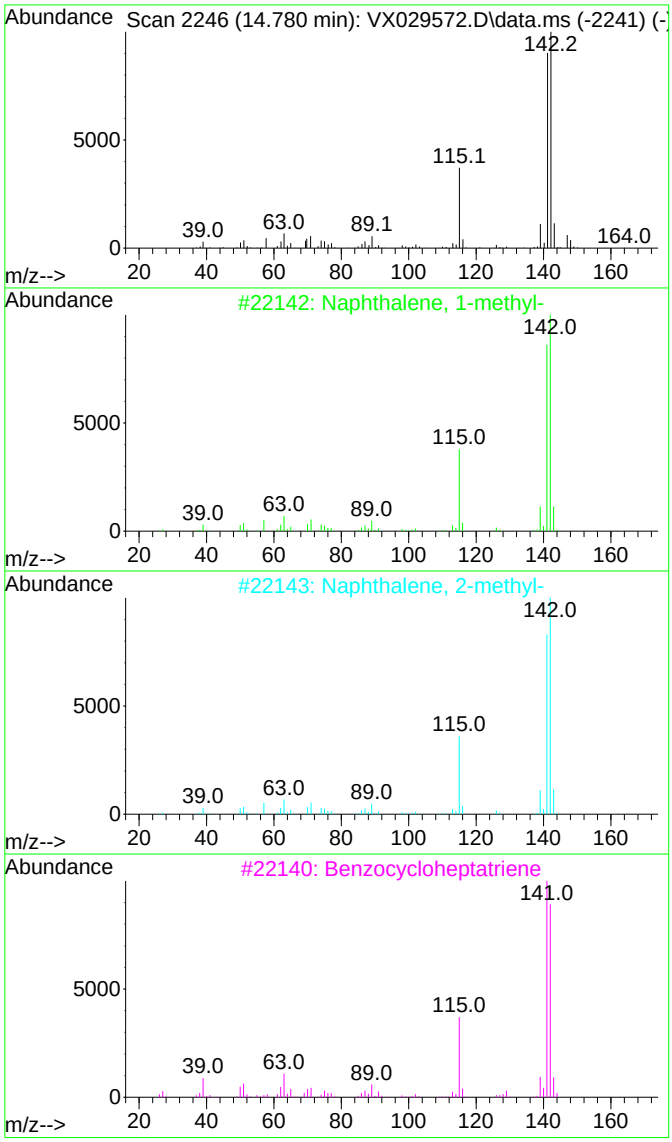
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260

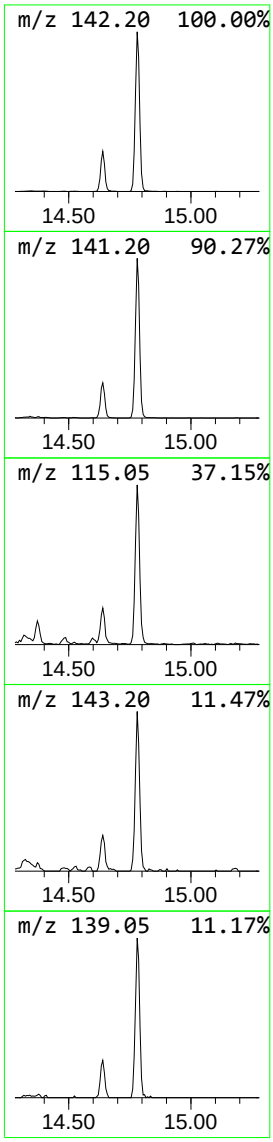
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.780 | 16.95 ug/l | 368210 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 96 |
| 2 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 3 | Benzocycloheptatriene | 142 | C11H10 | 000264-09-5 | 91 |
| 4 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 90 |
| 5 | 1H-Indene, 1-ethylidene- | 142 | C11H10 | 002471-83-2 | 59 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029572.D
Acq On : 18 Jun 2022 16:13
Operator : JC/MD
Sample : N3325-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-16

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.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 |
| Aminomethanesul... | 1.264 | 51.8 | ug/l | 657154 | 1 | 5.556 | 634253 | 50.0 |
| Butane, 2-methyl- | 1.752 | 59.1 | ug/l | 749431 | 1 | 5.556 | 634253 | 50.0 |
| Butane, 2,3-dim... | 2.782 | 23.7 | ug/l | 300250 | 1 | 5.556 | 634253 | 50.0 |
| Cyclopentane | 2.867 | 37.6 | ug/l | 476802 | 1 | 5.556 | 634253 | 50.0 |
| Cyclopentane, m... | 4.306 | 45.8 | ug/l | 580821 | 1 | 5.556 | 634253 | 50.0 |
| Indane | 12.244 | 533.8 | ug/l | 11599600 | 4 | 12.024 | 1086440 | 50.0 |
| Benzene, 1,2-di... | 12.408 | 19.5 | ug/l | 423859 | 4 | 12.024 | 1086440 | 50.0 |
| Benzene, 4-ethy... | 12.616 | 72.7 | ug/l | 1580630 | 4 | 12.024 | 1086440 | 50.0 |
| 1-Phenyl-1-butene | 12.646 | 38.9 | ug/l | 845192 | 4 | 12.024 | 1086440 | 50.0 |
| Benzene, 1-ethe... | 12.701 | 152.7 | ug/l | 3318780 | 4 | 12.024 | 1086440 | 50.0 |
| Benzene, 1,2,3,... | 12.920 | 44.6 | ug/l | 970283 | 4 | 12.024 | 1086440 | 50.0 |
| 1H-Indene, 2,3-... | 13.170 | 102.6 | ug/l | 2228830 | 4 | 12.024 | 1086440 | 50.0 |
| Benzene, 1-ethe... | 13.292 | 119.3 | ug/l | 2592280 | 4 | 12.024 | 1086440 | 50.0 |
| 2-Methylindene | 13.426 | 22.7 | ug/l | 493391 | 4 | 12.024 | 1086440 | 50.0 |
| Naphthalene, 1-... | 14.780 | 16.9 | ug/l | 368210 | 4 | 12.024 | 1086440 | 50.0 |