LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
Data File : VX028487.D
Acq On : 02 May 2022 20:42
Operator : JC/MD
Sample : N2642-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
30989

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\82X041922W.M
Title : SW846 8260

Signal : TIC: VX028487.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.453 | 56 | 60 | 70 | rBV | 1547511 | 1954629 | 80.76% | 6.914% |
| 2 | 1.569 | 72 | 79 | 83 | rVB9 | 21200 | 58620 | 2.42% | 0.207% |
| 3 | 2.056 | 152 | 159 | 169 | rBV | 306480 | 471171 | 19.47% | 1.667% |
| 4 | 2.380 | 205 | 212 | 223 | rBV | 1206993 | 1985591 | 82.04% | 7.023% |
| 5 | 2.532 | 228 | 237 | 252 | rBV | 845928 | 1541774 | 63.70% | 5.453% |
| 6 | 2.953 | 297 | 306 | 316 | rVB3 | 20822 | 54376 | 2.25% | 0.192% |
| 7 | 4.233 | 507 | 516 | 529 | rBV2 | 24407 | 71731 | 2.96% | 0.254% |
| 8 | 4.556 | 558 | 569 | 585 | rBV | 272530 | 754671 | 31.18% | 2.669% |
| 9 | 5.007 | 631 | 643 | 668 | rBV | 340632 | 1065280 | 44.02% | 3.768% |
| 10 | 5.391 | 693 | 706 | 720 | rBV | 283452 | 824815 | 34.08% | 2.917% |
| 11 | 5.556 | 721 | 733 | 752 | rVB | 394935 | 1107658 | 45.77% | 3.918% |
| 12 | 5.830 | 770 | 778 | 789 | rBV2 | 39369 | 109042 | 4.51% | 0.386% |
| 13 | 5.958 | 789 | 799 | 810 | rBV | 280860 | 744918 | 30.78% | 2.635% |
| 14 | 6.647 | 900 | 912 | 919 | rBV2 | 9735 | 26889 | 1.11% | 0.095% |
| 15 | 6.763 | 921 | 931 | 945 | rVV | 616549 | 1478401 | 61.09% | 5.229% |
| 16 | 7.104 | 980 | 987 | 996 | rBV2 | 15839 | 37301 | 1.54% | 0.132% |
| 17 | 7.214 | 996 | 1005 | 1018 | rBV | 141672 | 323032 | 13.35% | 1.143% |
| 18 | 7.464 | 1039 | 1046 | 1055 | rVB2 | 24680 | 52646 | 2.18% | 0.186% |
| 19 | 8.574 | 1222 | 1228 | 1235 | rBV | 248447 | 404530 | 16.71% | 1.431% |
| 20 | 8.653 | 1235 | 1241 | 1247 | rVV | 1547832 | 2420208 | 100.00% | 8.561% |
| 21 | 8.720 | 1247 | 1252 | 1264 | rVB | 977667 | 1473661 | 60.89% | 5.212% |
| 22 | 9.195 | 1323 | 1330 | 1334 | rBV | 31635 | 48292 | 2.00% | 0.171% |
| 23 | 9.433 | 1365 | 1369 | 1376 | rBV2 | 21030 | 33025 | 1.36% | 0.117% |
| 24 | 10.055 | 1463 | 1471 | 1485 | rBV | 1451864 | 1939801 | 80.15% | 6.861% |
| 25 | 10.195 | 1489 | 1494 | 1499 | rBV | 28841 | 42629 | 1.76% | 0.151% |
| 26 | 10.299 | 1506 | 1511 | 1520 | rVB | 125466 | 182186 | 7.53% | 0.644% |
| 27 | 10.646 | 1562 | 1568 | 1572 | rBV | 144241 | 205316 | 8.48% | 0.726% |
| 28 | 10.683 | 1572 | 1574 | 1581 | rVB | 22876 | 27363 | 1.13% | 0.097% |
| 29 | 10.774 | 1585 | 1589 | 1598 | rVV | 36480 | 50803 | 2.10% | 0.180% |
| 30 | 11.085 | 1634 | 1640 | 1652 | rVB | 1402378 | 1816754 | 75.07% | 6.426% |
| 31 | 11.384 | 1684 | 1689 | 1691 | rBV | 36523 | 48921 | 2.02% | 0.173% |
| 32 | 11.482 | 1702 | 1705 | 1714 | rVB | 46715 | 69386 | 2.87% | 0.245% |
| 33 | 11.573 | 1715 | 1720 | 1724 | rBV | 336028 | 411426 | 17.00% | 1.455% |
| 34 | 11.634 | 1724 | 1730 | 1741 | rVB2 | 207261 | 325846 | 13.46% | 1.153% |
| 35 | 11.756 | 1745 | 1750 | 1758 | rVB | 163821 | 209635 | 8.66% | 0.742% |
| 36 | 11.835 | 1758 | 1763 | 1767 | rBV3 | 62738 | 108586 | 4.49% | 0.384% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
Data File : VX028487.D
Acq On : 02 May 2022 20:42
Operator : JC/MD
Sample : N2642-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
30989

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\82X041922W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 11.975 | 1782 | 1786 | 1789 | rBV | 22744 | 26338 | 1.09% | 0.093% |
| 38 | 12.024 | 1789 | 1794 | 1800 | rVV | 1670014 | 2029199 | 83.84% | 7.177% |
| 39 | 12.091 | 1800 | 1805 | 1809 | rVB | 128786 | 159928 | 6.61% | 0.566% |
| 40 | 12.219 | 1821 | 1826 | 1839 | rBV | 565612 | 852056 | 35.21% | 3.014% |
| 41 | 12.323 | 1839 | 1843 | 1854 | rVB6 | 29591 | 63448 | 2.62% | 0.224% |
| 42 | 12.420 | 1854 | 1859 | 1862 | rBV3 | 23455 | 37362 | 1.54% | 0.132% |
| 43 | 12.463 | 1862 | 1866 | 1872 | rVB2 | 21431 | 34293 | 1.42% | 0.121% |
| 44 | 12.530 | 1872 | 1877 | 1879 | rBV2 | 23692 | 38042 | 1.57% | 0.135% |
| 45 | 12.719 | 1901 | 1908 | 1913 | rBV | 431352 | 567788 | 23.46% | 2.008% |
| 46 | 12.798 | 1917 | 1921 | 1927 | rVV | 276110 | 380474 | 15.72% | 1.346% |
| 47 | 12.847 | 1927 | 1929 | 1934 | rVB3 | 24658 | 29171 | 1.21% | 0.103% |
| 48 | 12.920 | 1937 | 1941 | 1943 | rBV | 28183 | 35412 | 1.46% | 0.125% |
| 49 | 12.957 | 1943 | 1947 | 1954 | rVB2 | 638330 | 797673 | 32.96% | 2.821% |
| 50 | 13.164 | 1977 | 1981 | 1987 | rBV2 | 28815 | 40416 | 1.67% | 0.143% |
| 51 | 13.292 | 1991 | 2002 | 2007 | rBV2 | 82223 | 132614 | 5.48% | 0.469% |
| 52 | 13.426 | 2019 | 2024 | 2029 | rBV | 45650 | 60670 | 2.51% | 0.215% |
| 53 | 13.603 | 2046 | 2053 | 2057 | rBV6 | 13119 | 33084 | 1.37% | 0.117% |
| 54 | 13.780 | 2075 | 2082 | 2088 | rBV | 229048 | 307911 | 12.72% | 1.089% |
| 55 | 14.640 | 2215 | 2223 | 2227 | rBV | 64289 | 83751 | 3.46% | 0.296% |
| 56 | 14.780 | 2239 | 2246 | 2251 | rBV | 60741 | 81185 | 3.35% | 0.287% |

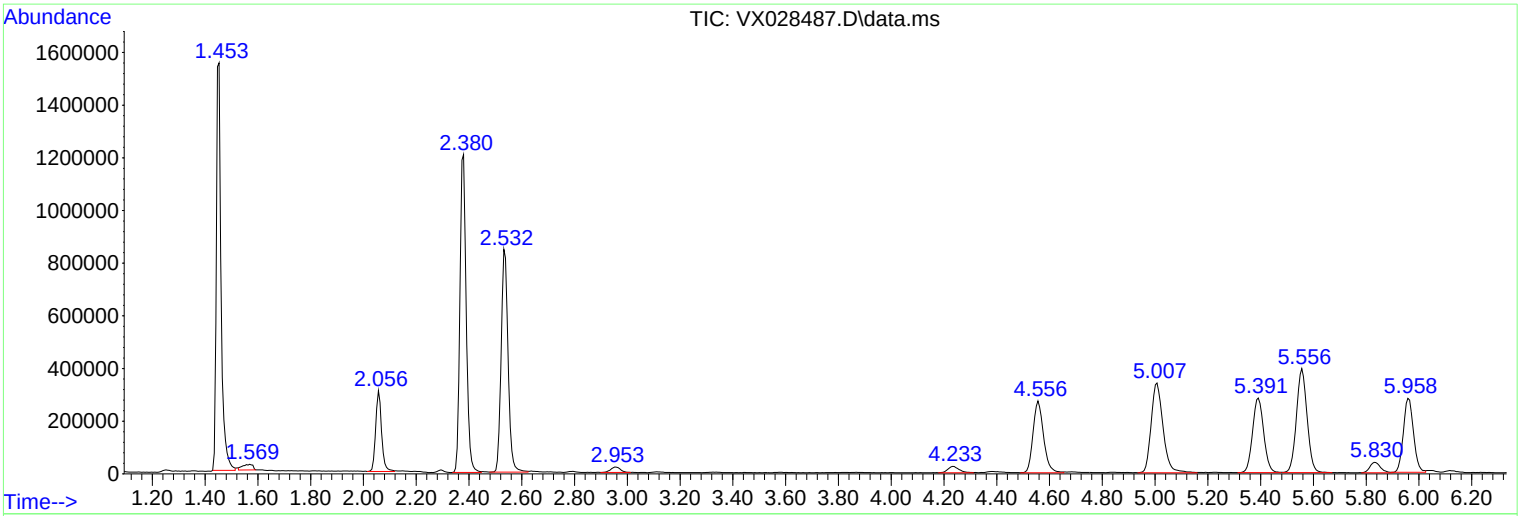
Sum of corrected areas: 28271728

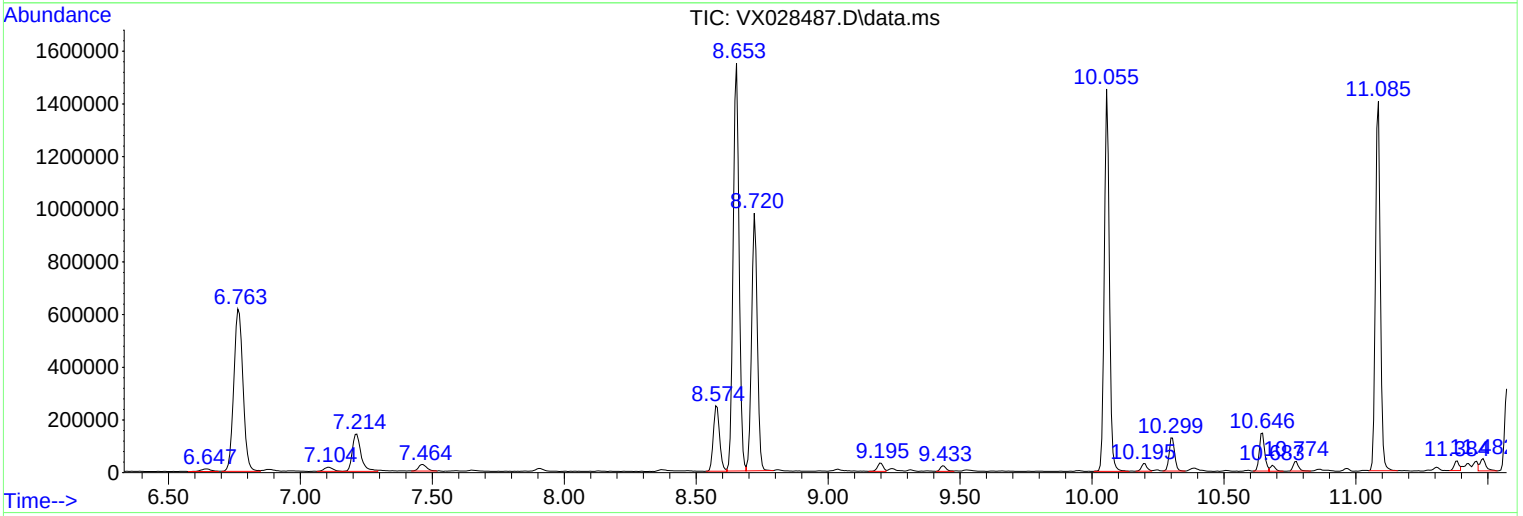
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
Data File : VX028487.D
Acq On : 02 May 2022 20:42
Operator : JC/MD
Sample : N2642-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

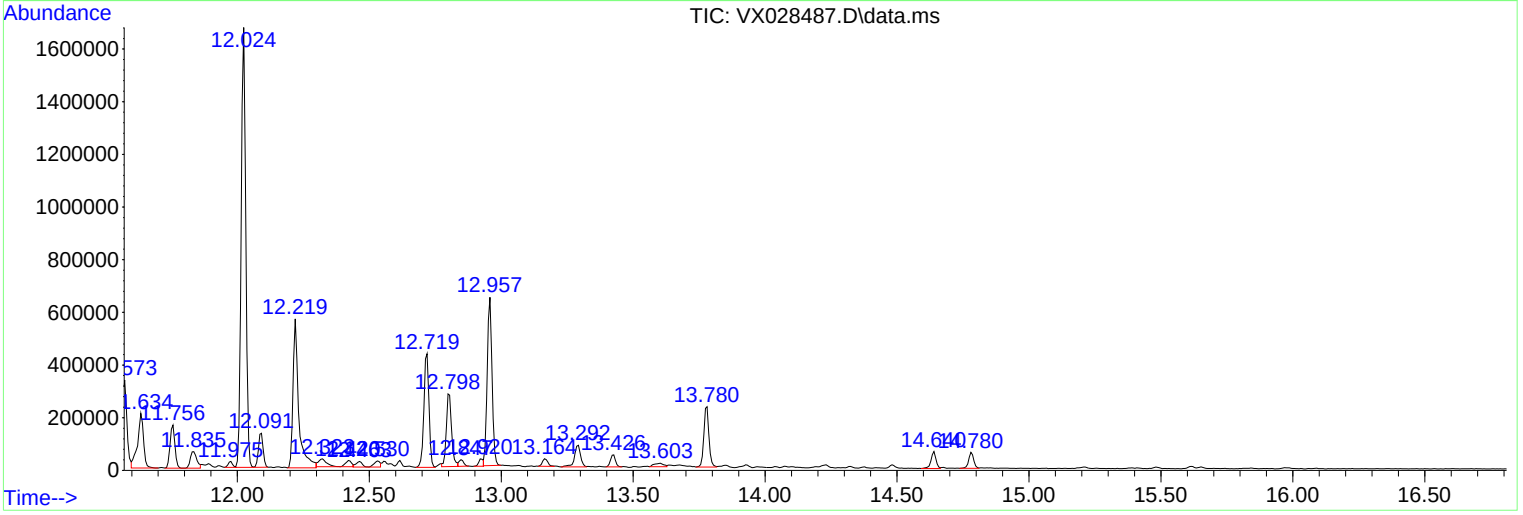
**Instrument :**
MSVOA_X
**ClientSampleId :**
30989

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
Data File : VX028487.D
Acq On : 02 May 2022 20:42
Operator : JC/MD
Sample : N2642-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
30989

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

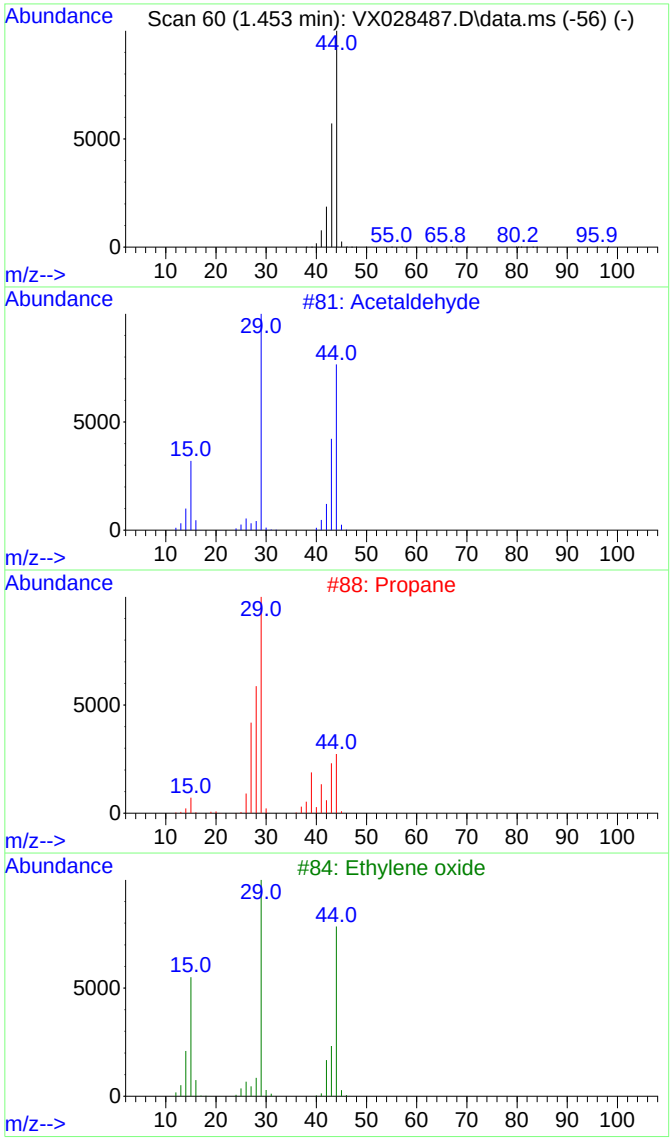
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

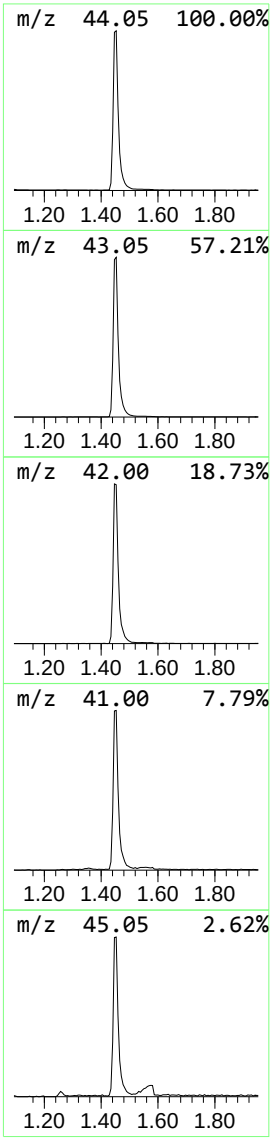
**********

Peak Number 1 Acetaldehyde Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.453 | 88.23 ug/l | 1954630 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetaldehyde | 44 | C2H4O | 000075-07-0 | 64 |
| 2 | Propane | 44 | C3H8 | 000074-98-6 | 5 |
| 3 | Ethylene oxide | 44 | C2H4O | 000075-21-8 | 5 |
| 4 | Alanine | 89 | C3H7NO2 | 000056-41-7 | 4 |
| 5 | Carbon dioxide | 44 | CO2 | 000124-38-9 | 3 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
Data File : VX028487.D
Acq On : 02 May 2022 20:42
Operator : JC/MD
Sample : N2642-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
30989

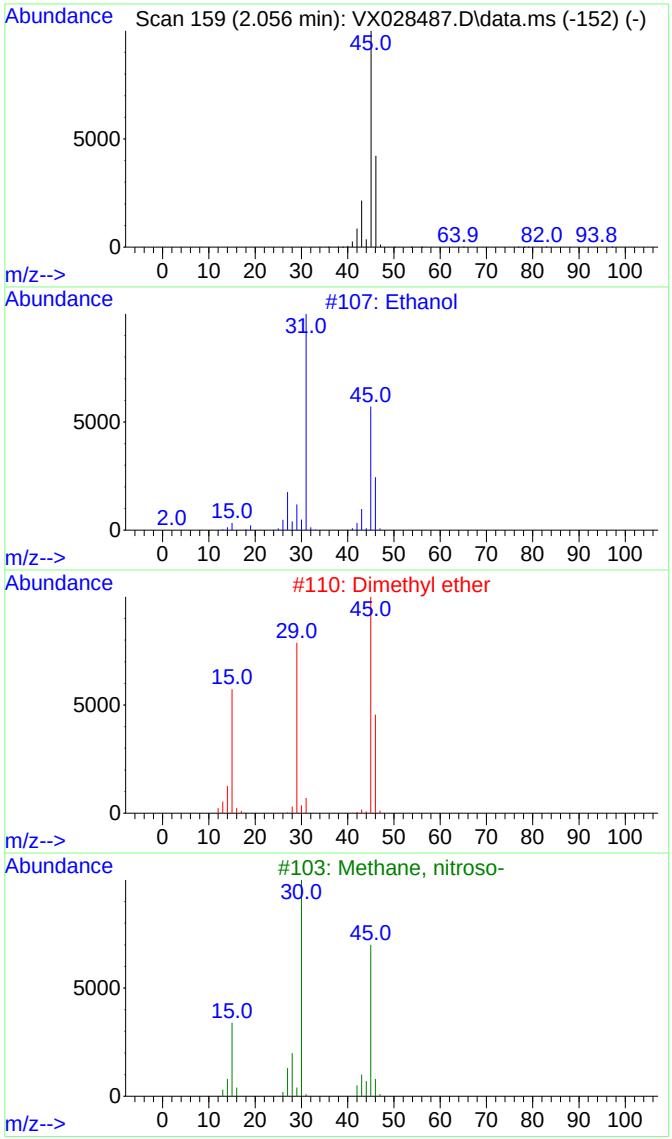
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

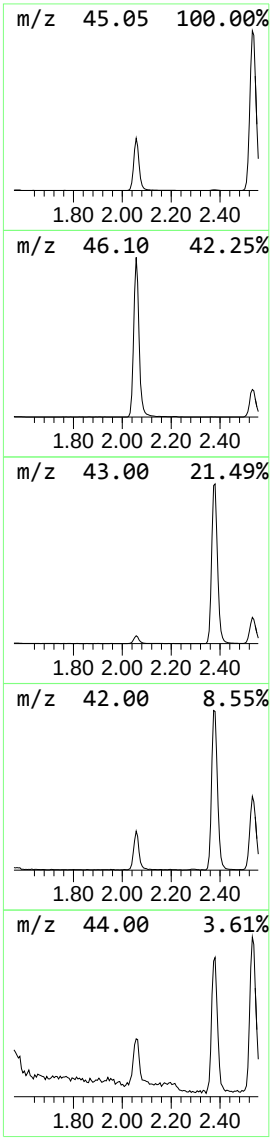
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Ethanol Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.056 | 21.27 ug/l | 471171 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol | 46 | C2H6O | 000064-17-5 | 64 |
| 2 | Dimethyl ether | 46 | C2H6O | 000115-10-6 | 9 |
| 3 | Methane, nitroso- | 45 | CH3NO | 000865-40-7 | 4 |
| 4 | Formic acid | 46 | CH2O2 | 000064-18-6 | 4 |
| 5 | Oxalic acid | 90 | C2H2O4 | 000144-62-7 | 4 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
Data File : VX028487.D
Acq On : 02 May 2022 20:42
Operator : JC/MD
Sample : N2642-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
30989

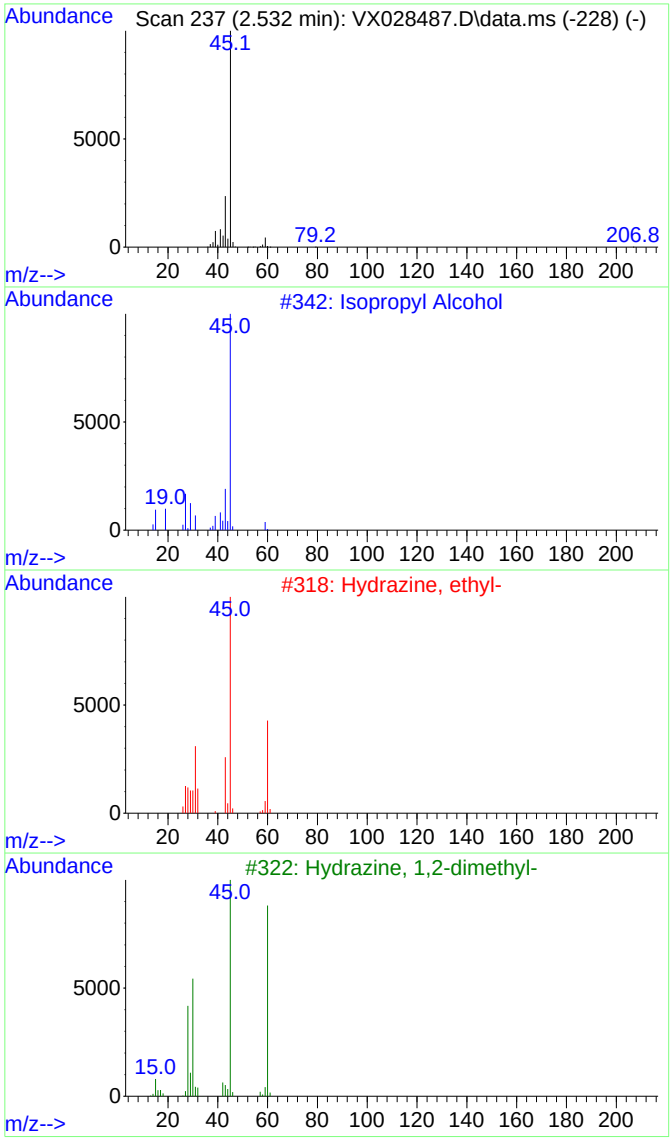
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

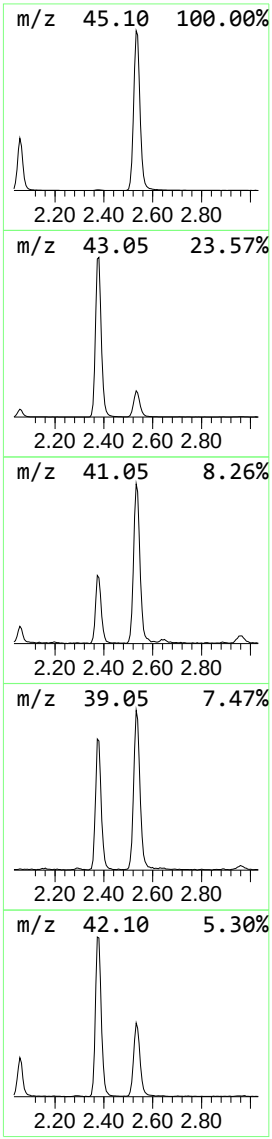
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Isopropyl Alcohol Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.532 | 69.60 ug/l | 1541770 | Pentafluorobenzene | 5.556 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 83 |
| 2 | Hydrazine, ethyl- | 60 | C2H8N2 | 000624-80-6 | 40 |
| 3 | Hydrazine, 1,2-dimethyl- | 60 | C2H8N2 | 000540-73-8 | 9 |
| 4 | 2-Propanone, 1-methoxy- | 88 | C4H8O2 | 005878-19-3 | 4 |
| 5 | Oxirane, (methoxymethyl)- | 88 | C4H8O2 | 000930-37-0 | 4 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
Data File : VX028487.D
Acq On : 02 May 2022 20:42
Operator : JC/MD
Sample : N2642-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
30989

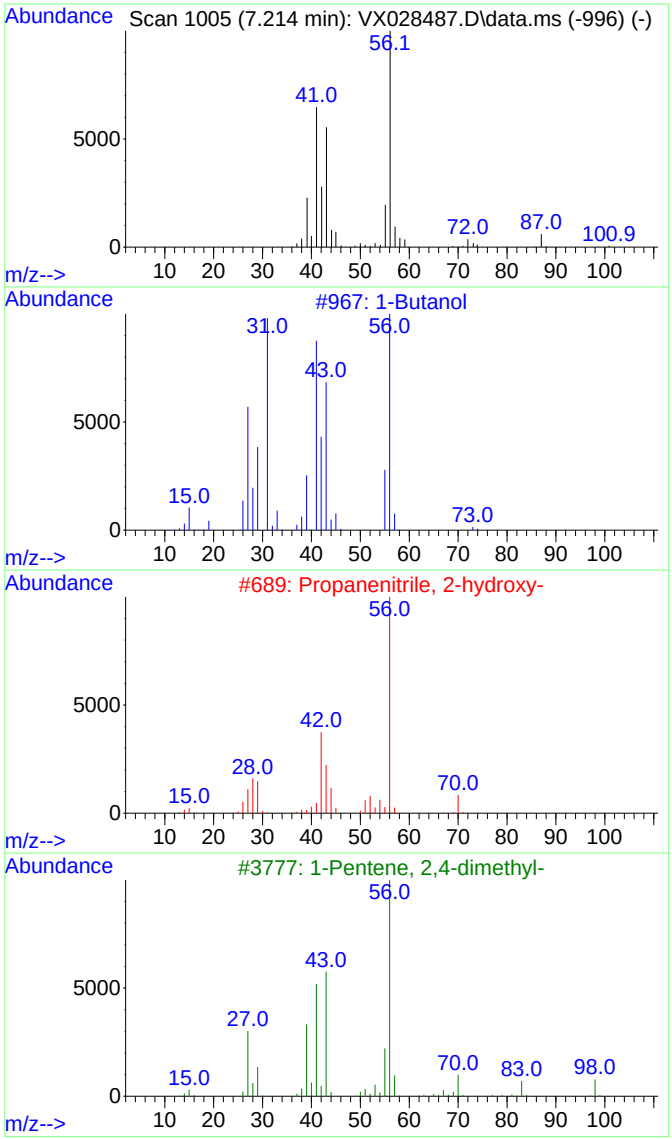
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

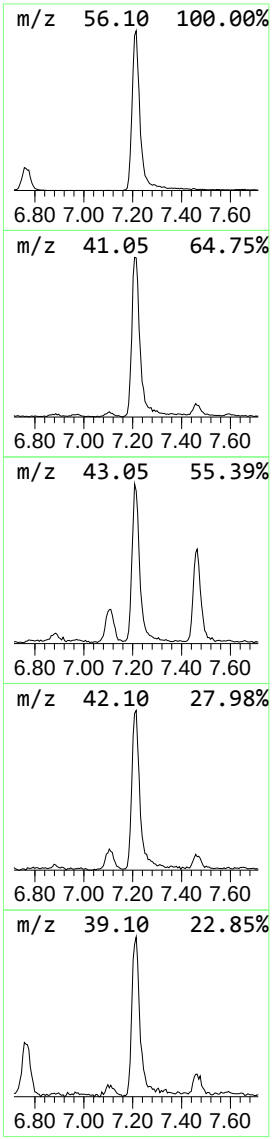
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 1-Butanol Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.214 | 10.93 ug/l | 323032 | 1,4-Difluorobenzene | 6.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Butanol | 74 | C4H10O | 000071-36-3 | 72 |
| 2 | Propanenitrile, 2-hydroxy- | 71 | C3H5NO | 000078-97-7 | 45 |
| 3 | 1-Pentene, 2,4-dimethyl- | 98 | C7H14 | 002213-32-3 | 42 |
| 4 | 3-Butenoic acid, 2-amino- | 101 | C4H7NO2 | 056512-51-7 | 42 |
| 5 | 2,3-Dimethylsuccinic acid | 146 | C6H10O4 | 013545-04-5 | 40 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
Data File : VX028487.D
Acq On : 02 May 2022 20:42
Operator : JC/MD
Sample : N2642-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
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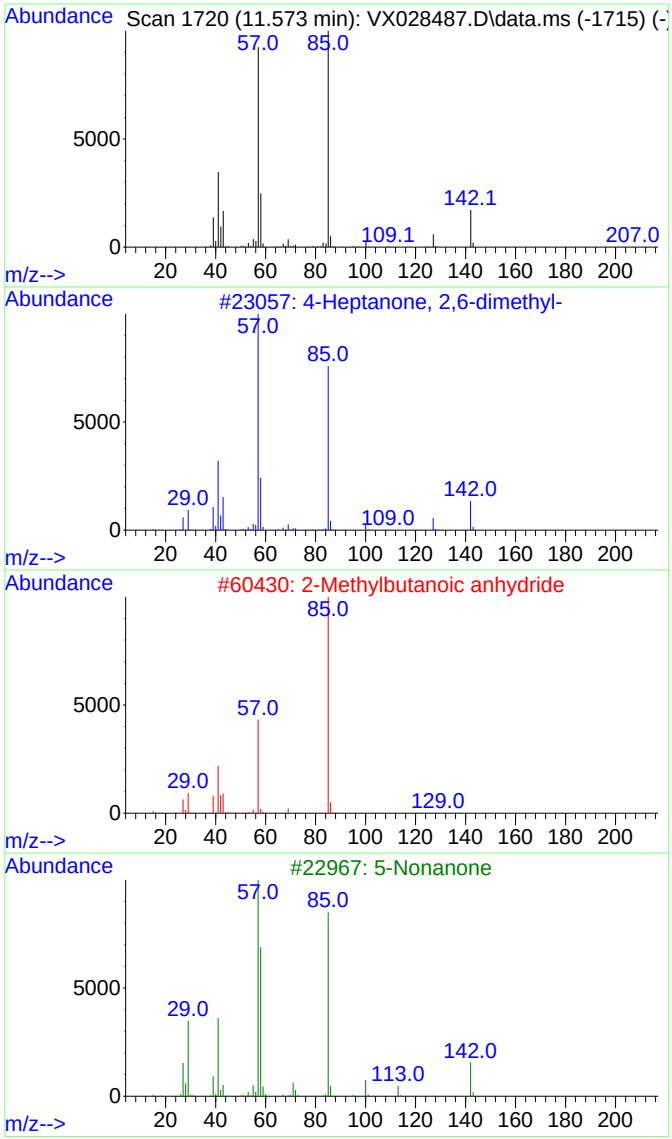
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

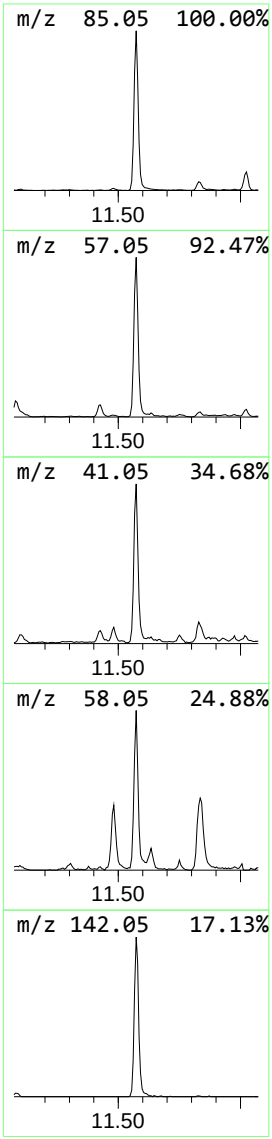
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 4-Heptanone, 2,6-dimethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.573 | 10.14 ug/l | 411426 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Heptanone, 2,6-dimethyl- | 142 | C9H18O | 000108-83-8 | 94 |
| 2 | 2-Methylbutanoic anhydride | 186 | C10H18O3 | 001468-39-9 | 59 |
| 3 | 5-Nonanone | 142 | C9H18O | 000502-56-7 | 59 |
| 4 | 4-Heptanone, 2-methyl- | 128 | C8H16O | 000626-33-5 | 50 |
| 5 | 2(3H)-Furanone, dihydro-5-propyl- | 128 | C7H12O2 | 000105-21-5 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
Data File : VX028487.D
Acq On : 02 May 2022 20:42
Operator : JC/MD
Sample : N2642-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
30989

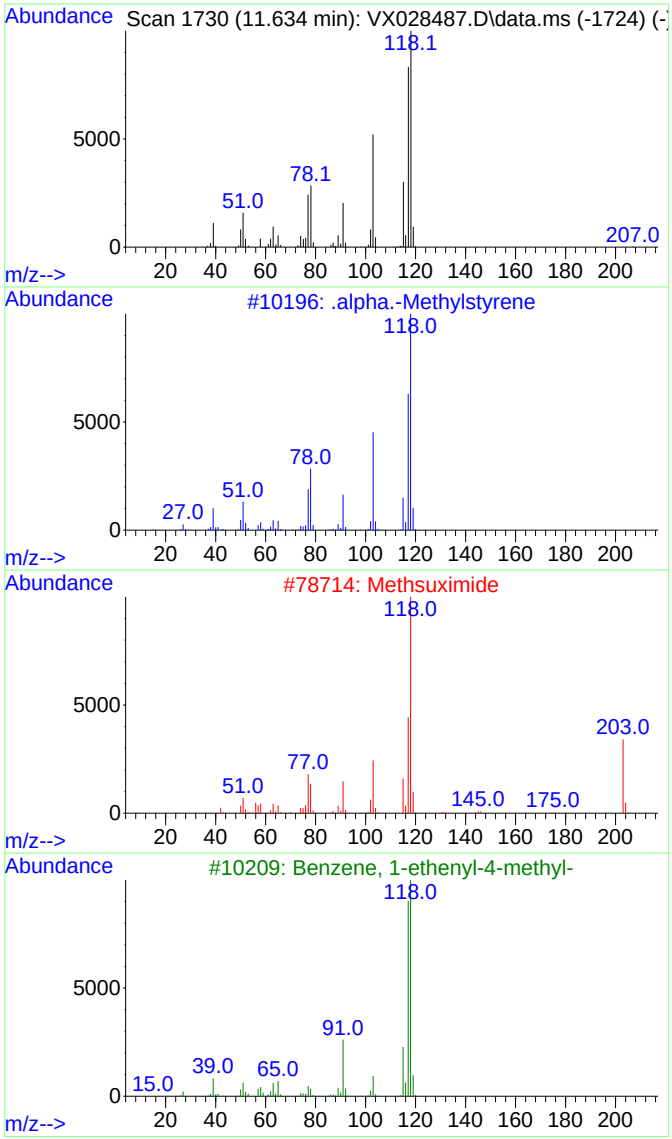
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

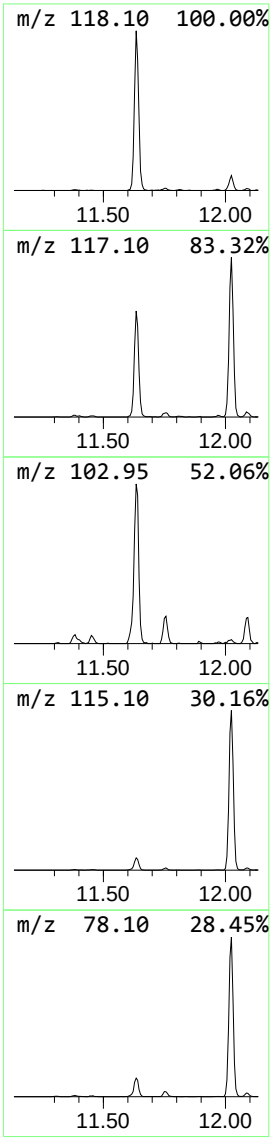
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 .alpha.-Methylstyrene Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.634 | 8.03 ug/l | 325846 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .alpha.-Methylstyrene | 118 | C9H10 | 000098-83-9 | 96 |
| 2 | Methsuximide | 203 | C12H13NO2 | 000077-41-8 | 53 |
| 3 | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10 | 000622-97-9 | 52 |
| 4 | Benzene, 1-ethenyl-3-methyl- | 118 | C9H10 | 000100-80-1 | 52 |
| 5 | 3-Phenylpropyl benzoate | 240 | C16H16O2 | 060045-26-3 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
Data File : VX028487.D
Acq On : 02 May 2022 20:42
Operator : JC/MD
Sample : N2642-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
30989

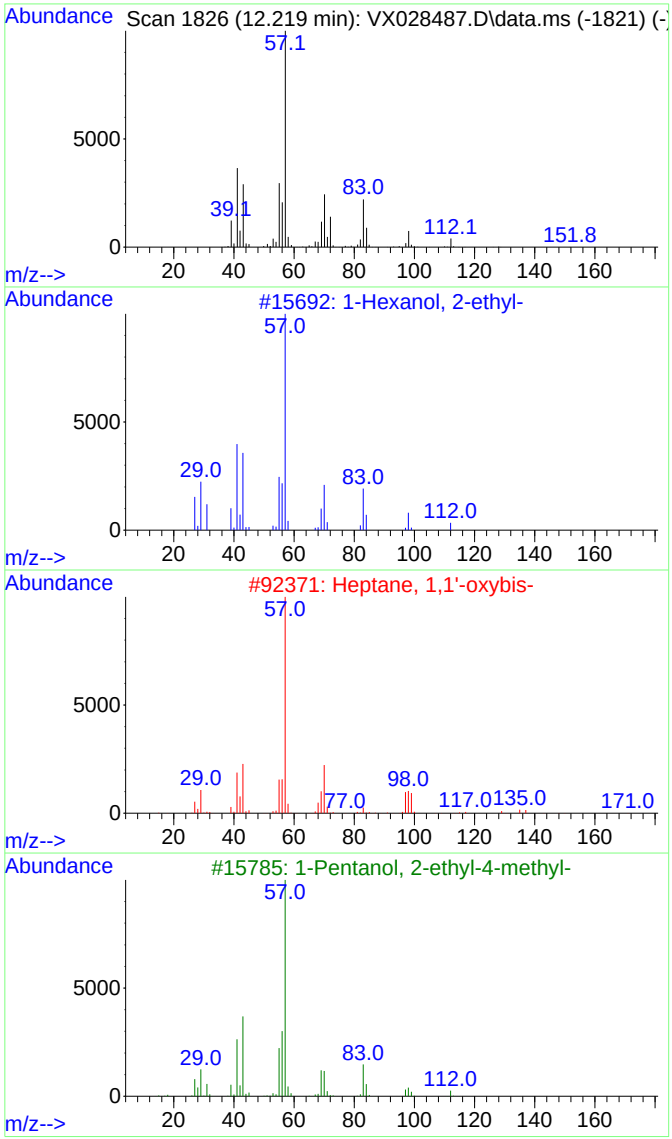
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

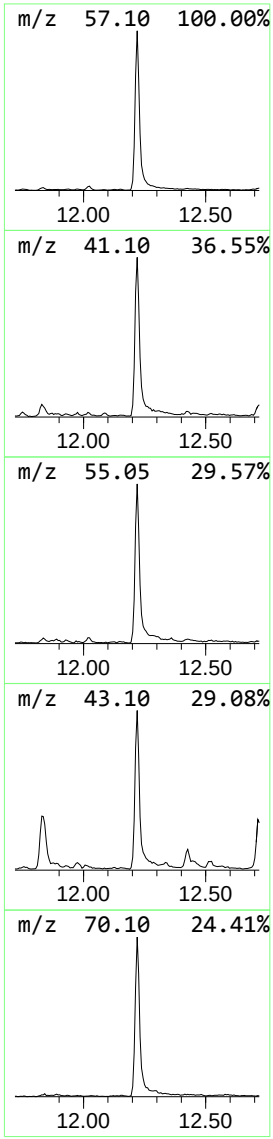
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.219 | 20.99 ug/l | 852056 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 86 |
| 2 | Heptane, 1,1'-oxybis- | 214 | C14H30O | 000629-64-1 | 50 |
| 3 | 1-Pentanol, 2-ethyl-4-methyl- | 130 | C8H18O | 000106-67-2 | 50 |
| 4 | 2-Propyl-1-pentanol | 130 | C8H18O | 058175-57-8 | 47 |
| 5 | 2-Ethyl-1-hexanol, trifluoroacetate | 226 | C10H17F3O2 | 053800-08-1 | 47 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
Data File : VX028487.D
Acq On : 02 May 2022 20:42
Operator : JC/MD
Sample : N2642-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
30989

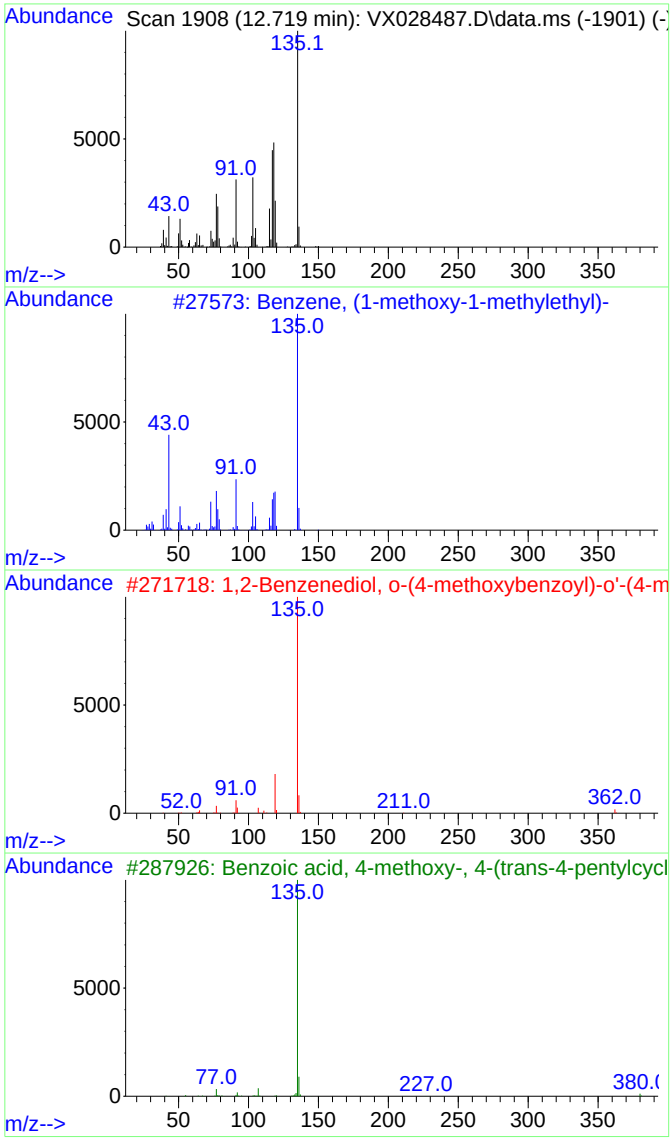
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

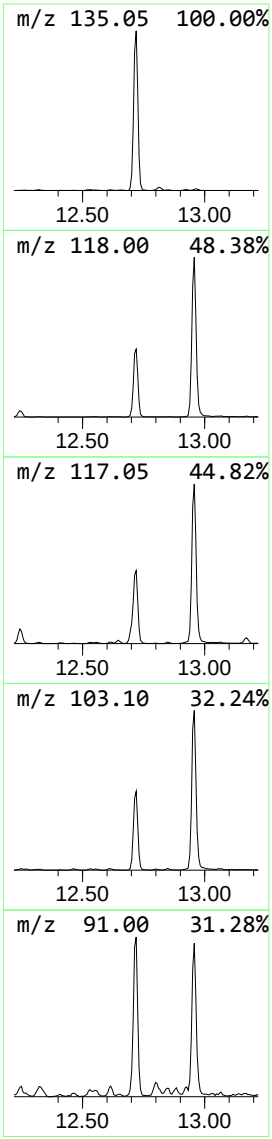
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, (1-methoxy-1-methy... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.719 | 13.99 ug/l | 567788 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methoxy-1-methylethyl)- | 150 | C10H14O | 000935-67-1 | 50 |
| 2 | 1,2-Benzenediol, o-(4-methoxyben... | 362 | C22H18O5 | 1000325-99-0 | 35 |
| 3 | Benzoic acid, 4-methoxy-, 4-(tra... | 380 | C25H32O3 | 1229648-08-1 | 35 |
| 4 | Formamide, N-methyl-N-phenyl- | 135 | C8H9NO | 000093-61-8 | 35 |
| 5 | Ethanedione, (4-methoxyphenyl)ph... | 240 | C15H12O3 | 022711-21-3 | 27 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
Data File : VX028487.D
Acq On : 02 May 2022 20:42
Operator : JC/MD
Sample : N2642-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
30989

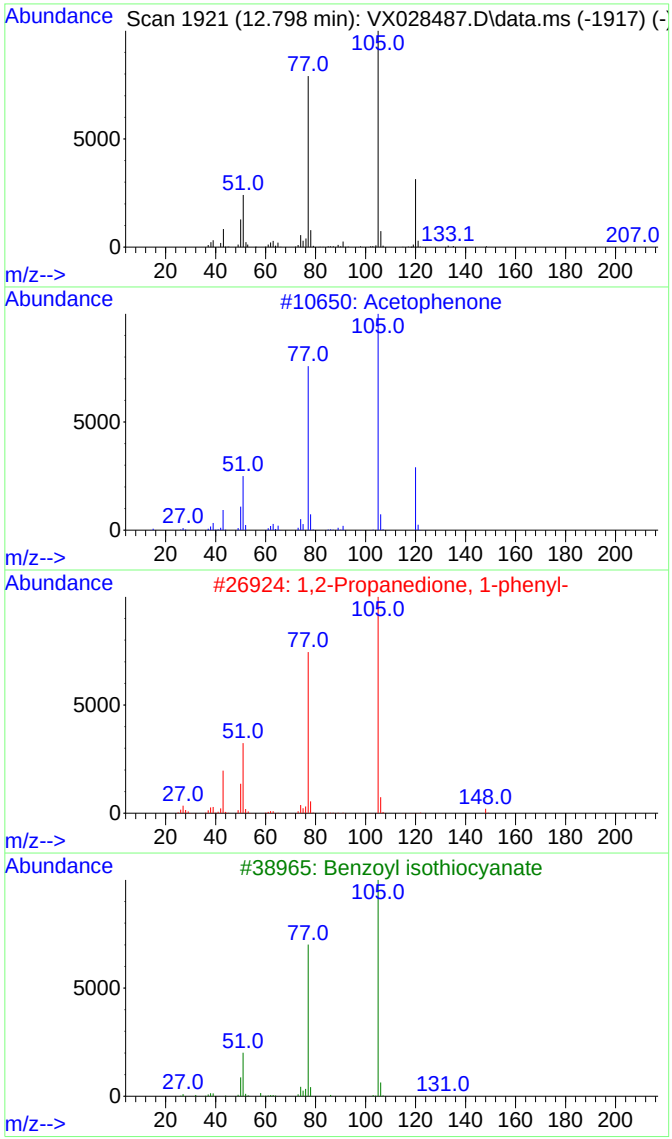
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

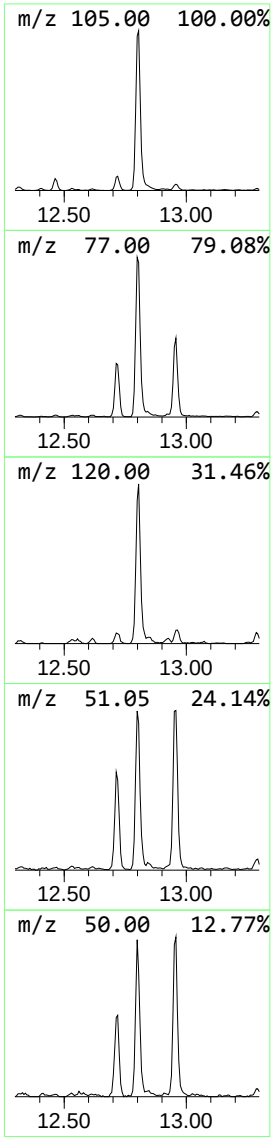
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Acetophenone Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.798 | 9.37 ug/l | 380474 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetophenone | 120 | C8H8O | 000098-86-2 | 97 |
| 2 | 1,2-Propanedione, 1-phenyl- | 148 | C9H8O2 | 000579-07-7 | 72 |
| 3 | Benzoyl isothiocyanate | 163 | C8H5NOS | 000532-55-8 | 72 |
| 4 | Benzenepropanenitrile, .beta.-oxo- | 145 | C9H7NO | 000614-16-4 | 72 |
| 5 | 1-Propanone, 3-chloro-1-phenyl- | 168 | C9H9ClO | 000936-59-4 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
Data File : VX028487.D
Acq On : 02 May 2022 20:42
Operator : JC/MD
Sample : N2642-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
30989

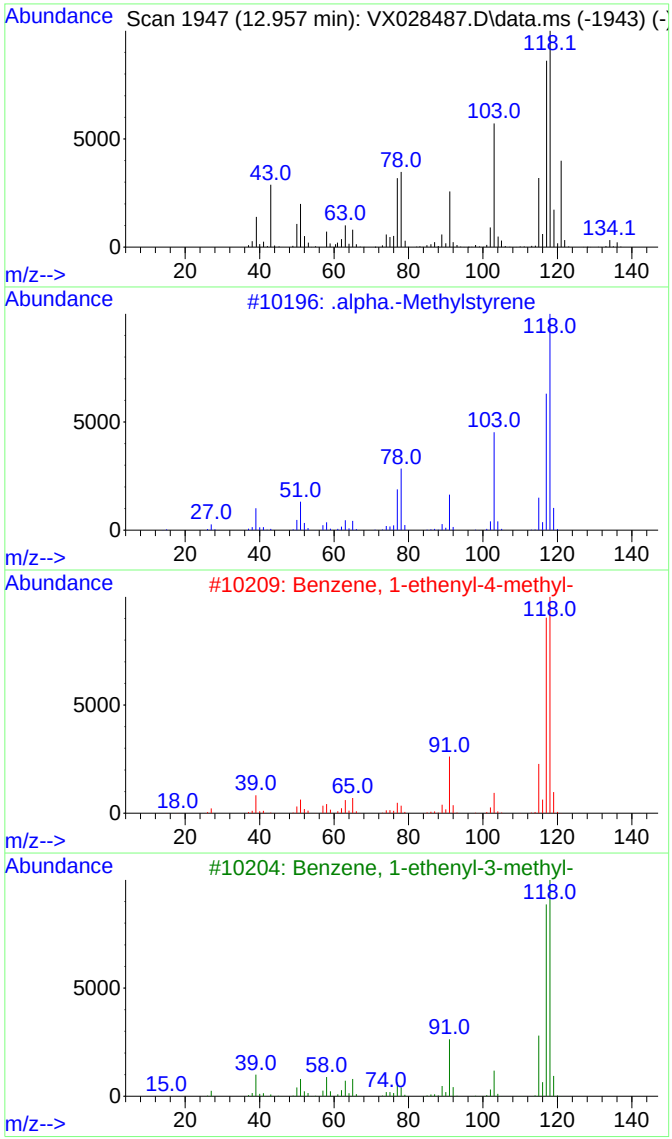
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

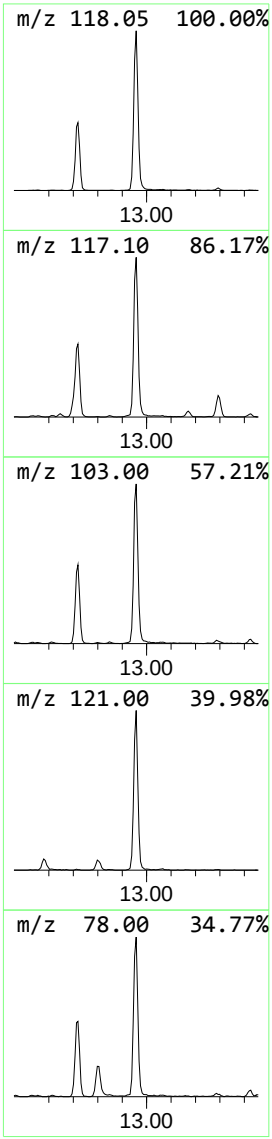
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, 1-ethenyl-4-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.957 | 19.65 ug/l | 797673 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .alpha.-Methylstyrene | 118 | C9H10 | 000098-83-9 | 93 |
| 2 | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10 | 000622-97-9 | 49 |
| 3 | Benzene, 1-ethenyl-3-methyl- | 118 | C9H10 | 000100-80-1 | 49 |
| 4 | Butanoic acid, 3-phenylpropyl ester | 206 | C13H18O2 | 007402-29-1 | 43 |
| 5 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 35 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
Data File : VX028487.D
Acq On : 02 May 2022 20:42
Operator : JC/MD
Sample : N2642-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
30989

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.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 |
| Acetaldehyde | 1.453 | 88.2 | ug/l | 1954630 | 1 | 5.556 | 1107660 | 50.0 |
| Ethanol | 2.056 | 21.3 | ug/l | 471171 | 1 | 5.556 | 1107660 | 50.0 |
| Isopropyl Alcohol | 2.532 | 69.6 | ug/l | 1541770 | 1 | 5.556 | 1107660 | 50.0 |
| 1-Butanol | 7.214 | 10.9 | ug/l | 323032 | 2 | 6.763 | 1478400 | 50.0 |
| 4-Heptanone, 2,... | 11.573 | 10.1 | ug/l | 411426 | 4 | 12.024 | 2029200 | 50.0 |
| .alpha.-Methyls... | 11.634 | 8.0 | ug/l | 325846 | 4 | 12.024 | 2029200 | 50.0 |
| 1-Hexanol, 2-et... | 12.219 | 21.0 | ug/l | 852056 | 4 | 12.024 | 2029200 | 50.0 |
| Benzene, (1-met... | 12.719 | 14.0 | ug/l | 567788 | 4 | 12.024 | 2029200 | 50.0 |
| Acetophenone | 12.798 | 9.4 | ug/l | 380474 | 4 | 12.024 | 2029200 | 50.0 |
| Benzene, 1-ethe... | 12.957 | 19.6 | ug/l | 797673 | 4 | 12.024 | 2029200 | 50.0 |