

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020123\  
Data File : VX033983.D  
Acq On : 01 Feb 2023 12:48  
Operator : JC/MD  
Sample : 01383-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
31970

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011123W.M

Title : SW846 8260

Signal : TIC: VX033983.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.447       | 56            | 59          | 80           | rBV      | 2997355        | 3807085       | 31.65%          | 17.419%       |
| 2         | 2.294       | 183           | 198         | 208          | rBV      | 6494456        | 12028124      | 100.00%         | 55.034%       |
| 3         | 3.842       | 442           | 452         | 470          | rBV      | 259907         | 717988        | 5.97%           | 3.285%        |
| 4         | 4.220       | 504           | 514         | 534          | rBV      | 189337         | 506471        | 4.21%           | 2.317%        |
| 5         | 5.385       | 694           | 705         | 721          | rVB      | 77085          | 227840        | 1.89%           | 1.042%        |
| 6         | 5.549       | 721           | 732         | 747          | rVB2     | 146429         | 414944        | 3.45%           | 1.899%        |
| 7         | 5.952       | 786           | 798         | 809          | rBV2     | 78513          | 214060        | 1.78%           | 0.979%        |
| 8         | 6.757       | 921           | 930         | 946          | rBV      | 209863         | 498184        | 4.14%           | 2.279%        |
| 9         | 8.646       | 1233          | 1240        | 1248         | rBV      | 433221         | 675469        | 5.62%           | 3.091%        |
| 10        | 10.055      | 1465          | 1471        | 1482         | rBV      | 420939         | 591760        | 4.92%           | 2.708%        |
| 11        | 11.079      | 1634          | 1639        | 1644         | rBV      | 364557         | 460828        | 3.83%           | 2.108%        |
| 12        | 12.018      | 1789          | 1793        | 1802         | rVB      | 431955         | 563641        | 4.69%           | 2.579%        |
| 13        | 12.213      | 1820          | 1825        | 1837         | rBV      | 818536         | 1149543       | 9.56%           | 5.260%        |

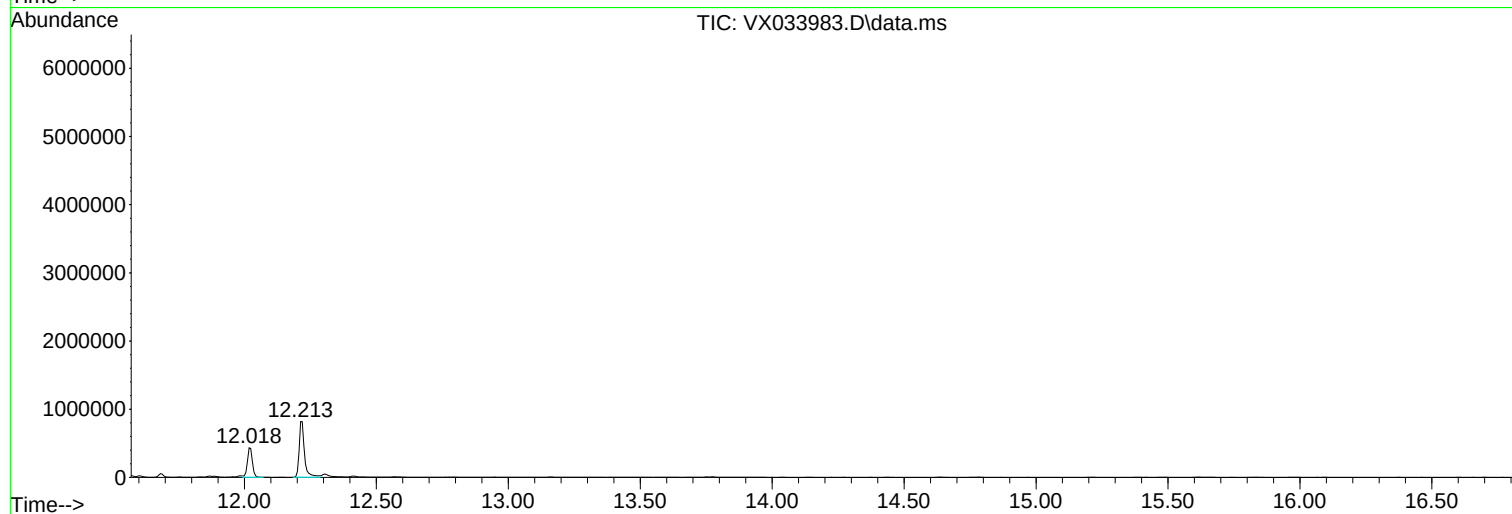
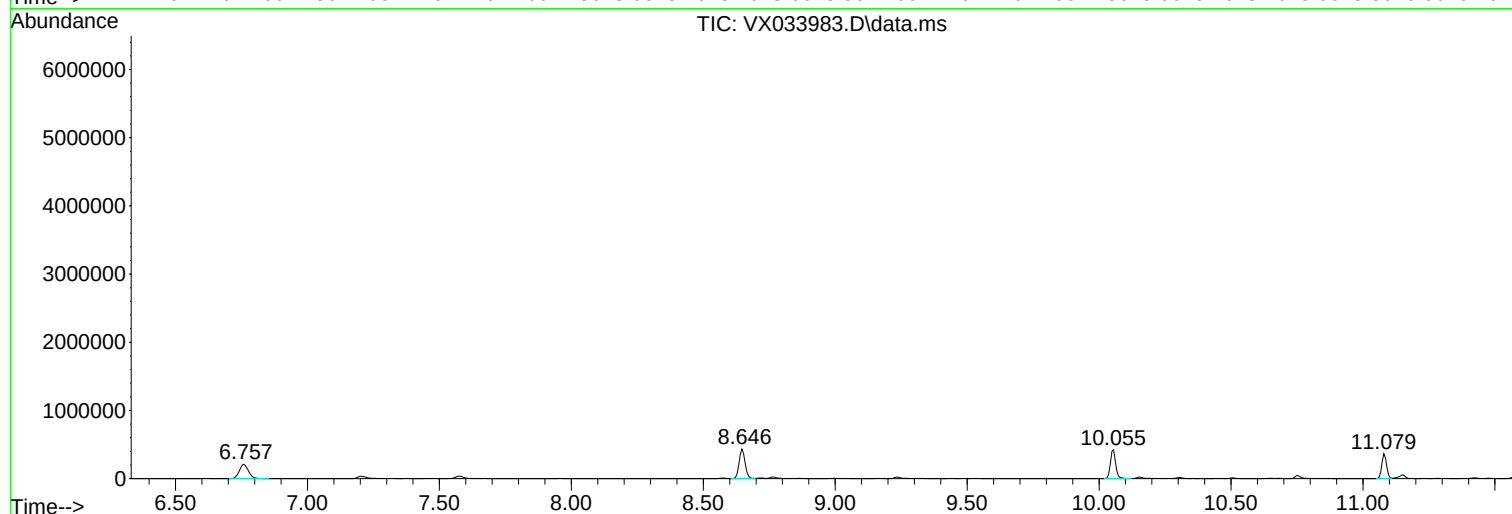
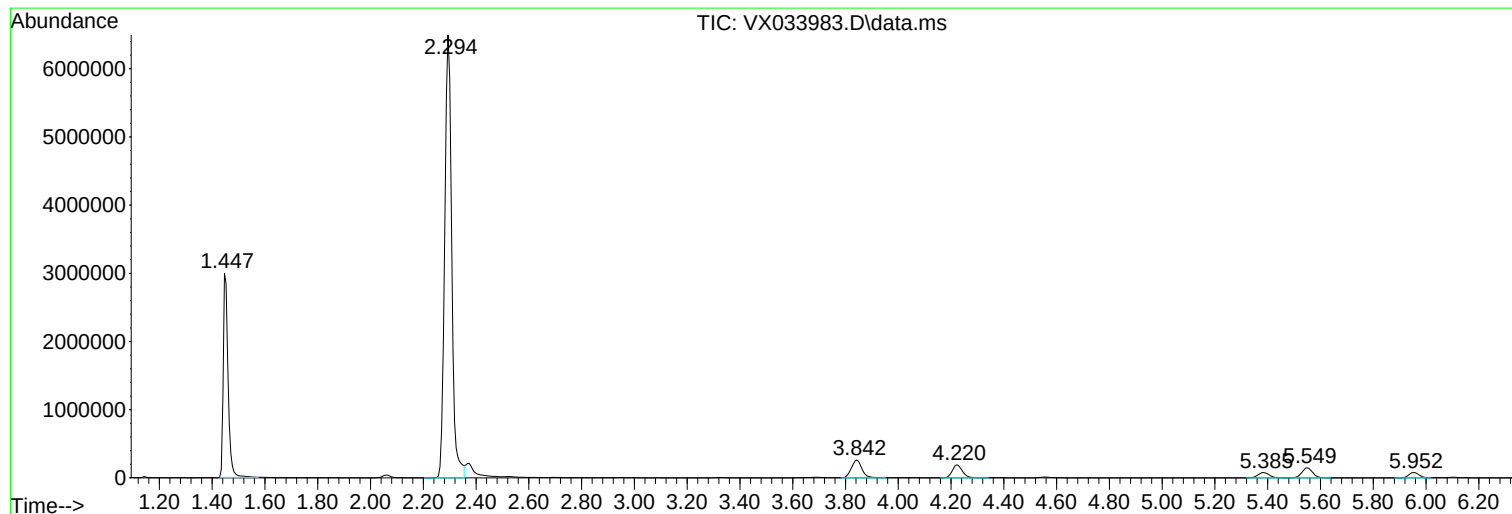
Sum of corrected areas: 21855937

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020123\  
Data File : VX033983.D  
Acq On : 01 Feb 2023 12:48  
Operator : JC/MD  
Sample : 01383-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
31970

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011123W.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020123\  
Data File : VX033983.D  
Acq On : 01 Feb 2023 12:48  
Operator : JC/MD  
Sample : 01383-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
31970

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011123W.M  
Quant Title : SW846 8260

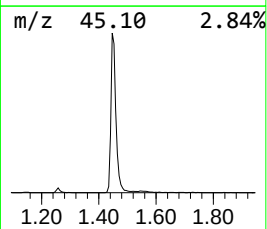
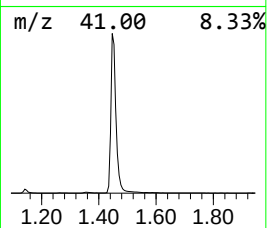
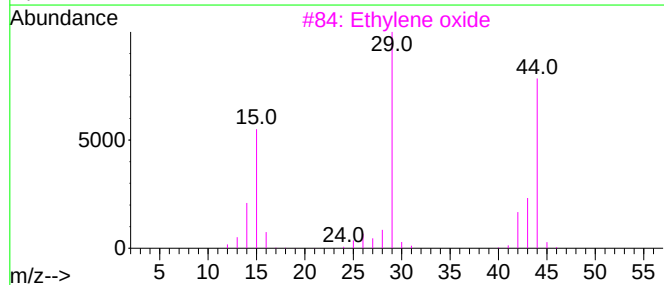
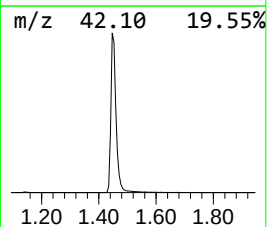
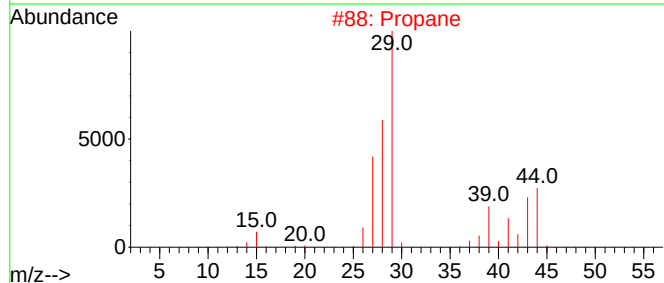
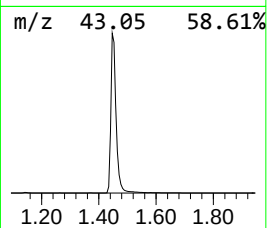
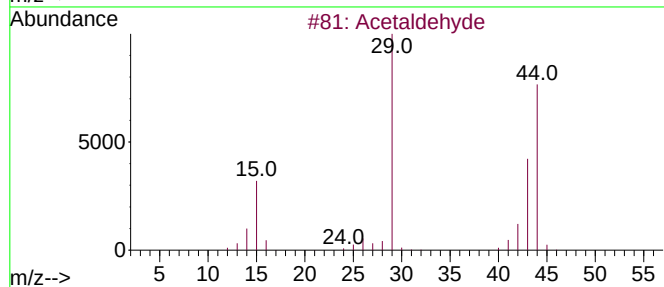
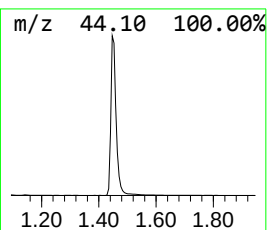
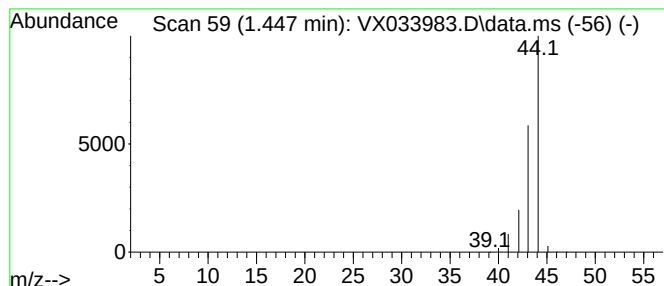
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 1 Acetaldehyde Concentration Rank 2

| R.T.  | EstConc     | Area    | Relative to ISTD   | R.T.  |
|-------|-------------|---------|--------------------|-------|
| 1.447 | 458.75 ug/l | 3807090 | Pentafluorobenzene | 5.549 |

| Hit# | of | 5 | Tentative ID        | MW | MolForm | CAS#        | Qual |
|------|----|---|---------------------|----|---------|-------------|------|
| 1    |    |   | Acetaldehyde        | 44 | C2H4O   | 000075-07-0 | 74   |
| 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    |    |   | Hydrogen isocyanate | 43 | CHNO    | 000075-13-8 | 3    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020123\  
Data File : VX033983.D  
Acq On : 01 Feb 2023 12:48  
Operator : JC/MD  
Sample : 01383-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
31970

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011123W.M  
Quant Title : SW846 8260

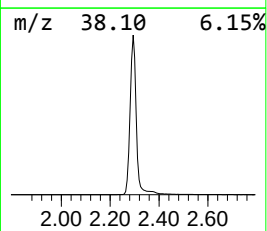
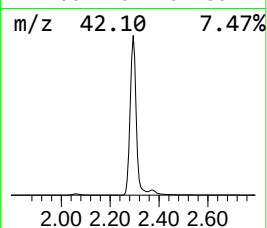
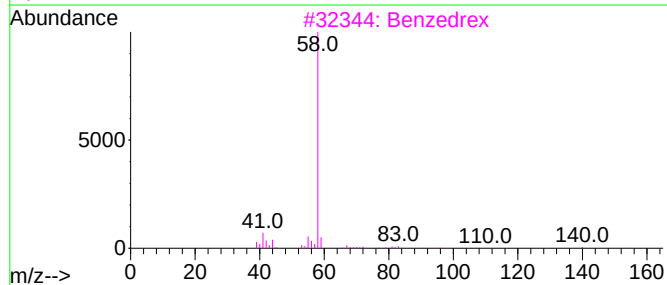
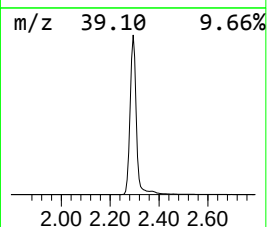
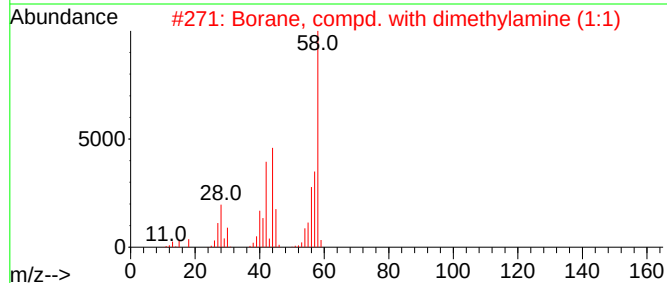
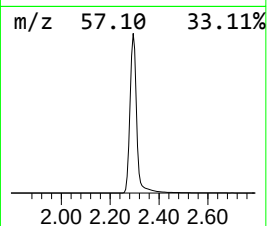
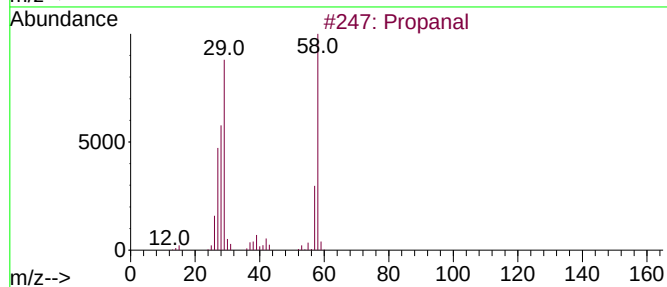
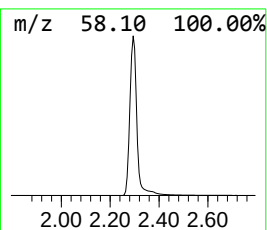
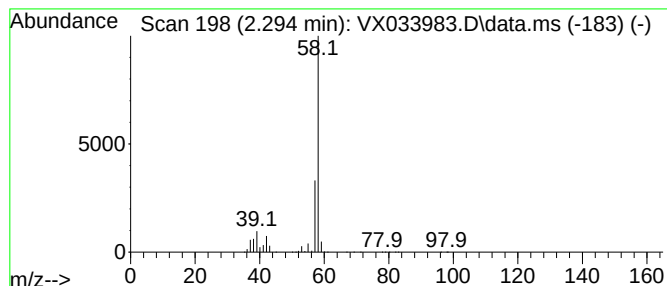
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 2 Propanal Concentration Rank 1

| R.T.  | EstConc      | Area     | Relative to ISTD   | R.T.  |
|-------|--------------|----------|--------------------|-------|
| 2.294 | 1449.37 ug/l | 12028100 | Pentafluorobenzene | 5.549 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Propanal                            | 58  | C3H6O     | 000123-38-6  | 72   |
| 2    |    |   | Borane, compd. with dimethylamin... | 59  | C2H10BN   | 000074-94-2  | 9    |
| 3    |    |   | Benzedrex                           | 155 | C10H21N   | 000101-40-6  | 9    |
| 4    |    |   | 2-(Aminomethyl)-4-methylpentanoi... | 187 | C10H21NO2 | 1891211-54-3 | 9    |
| 5    |    |   | Oxirane, methyl-, (S)-              | 58  | C3H6O     | 016088-62-3  | 7    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020123\  
Data File : VX033983.D  
Acq On : 01 Feb 2023 12:48  
Operator : JC/MD  
Sample : 01383-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
31970

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011123W.M  
Quant Title : SW846 8260

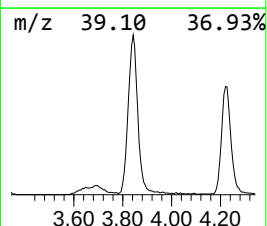
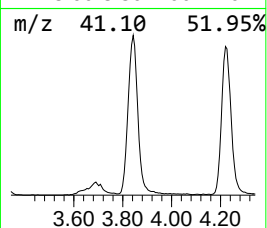
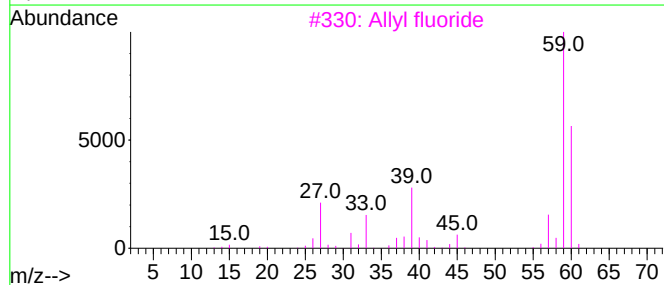
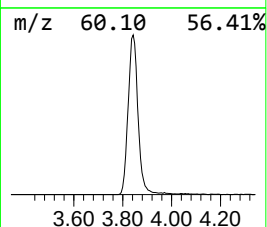
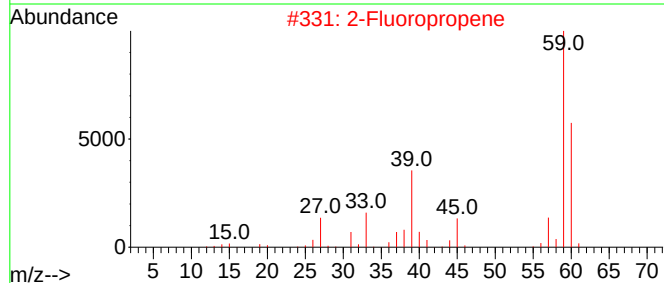
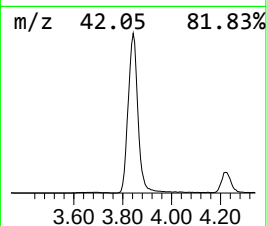
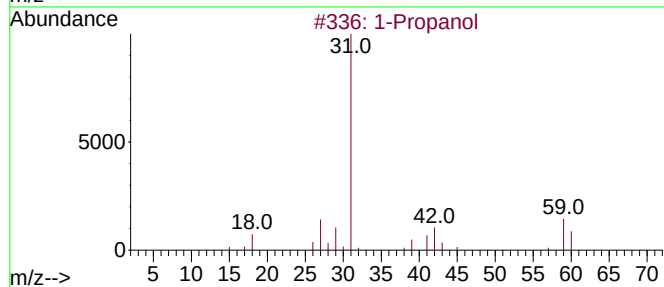
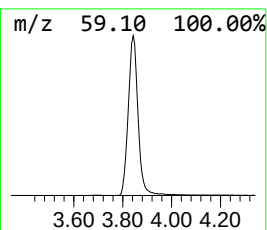
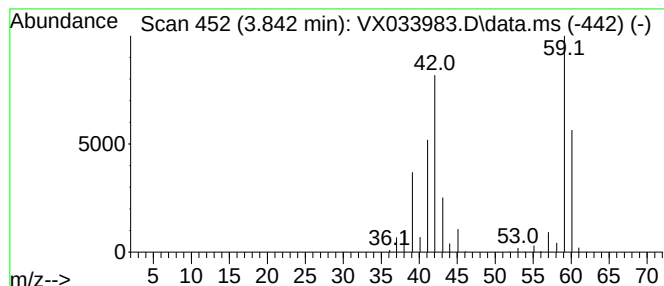
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 3 1-Propanol Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 3.842 | 86.52 ug/l | 717988 | Pentafluorobenzene | 5.549 |

| Hit# | of                               | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|----------------------------------|---|--------------|----|---------|-------------|------|
| 1    | 1-Propanol                       |   |              | 60 | C3H8O   | 000071-23-8 | 78   |
| 2    | 2-Fluoropropene                  |   |              | 60 | C3H5F   | 001184-60-7 | 52   |
| 3    | Allyl fluoride                   |   |              | 60 | C3H5F   | 000818-92-8 | 47   |
| 4    | Methanamine, N-hydroxy-N-methyl- |   |              | 61 | C2H7NO  | 005725-96-2 | 23   |
| 5    | Cyclopropane                     |   |              | 42 | C3H6    | 000075-19-4 | 12   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020123\  
Data File : VX033983.D  
Acq On : 01 Feb 2023 12:48  
Operator : JC/MD  
Sample : 01383-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
31970

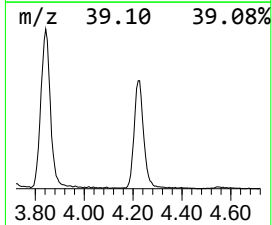
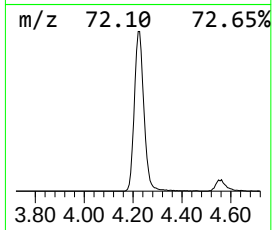
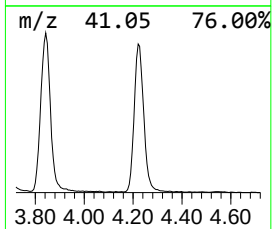
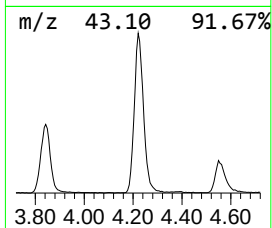
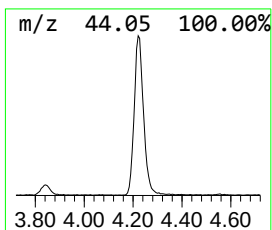
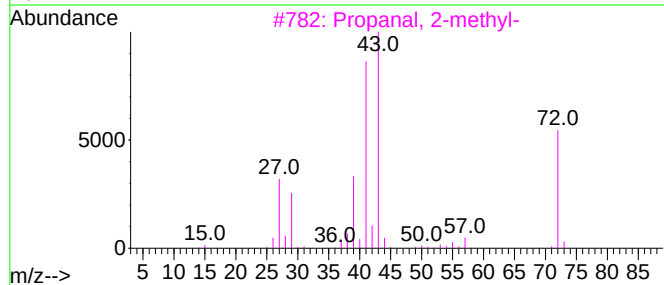
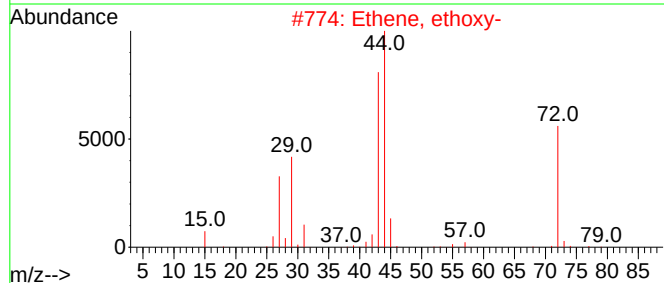
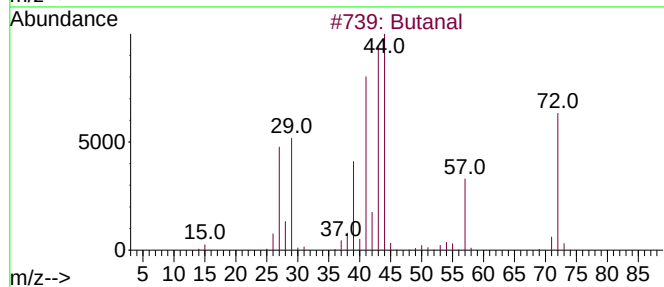
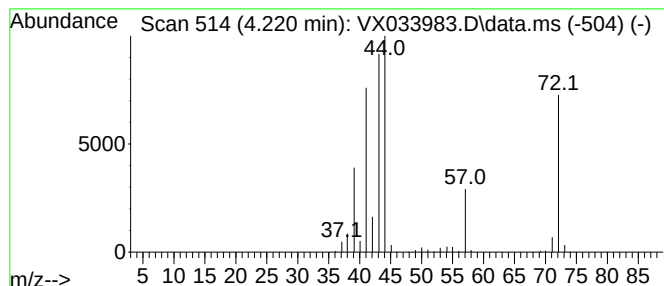
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011123W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 4 Butanal Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 4.220 | 61.03 ug/l | 506471 | Pentafluorobenzene | 5.549 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Butanal                           | 72  | C4H8O   | 000123-72-8 | 91   |
| 2    |    |   | Ethene, ethoxy-                   | 72  | C4H8O   | 000109-92-2 | 52   |
| 3    |    |   | Propanal, 2-methyl-               | 72  | C4H8O   | 000078-84-2 | 50   |
| 4    |    |   | 1-Propene, 3-methoxy-             | 72  | C4H8O   | 000627-40-7 | 32   |
| 5    |    |   | 2-Propen-1-ol, 2-methyl-, acetate | 114 | C6H10O2 | 000820-71-3 | 25   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020123\  
Data File : VX033983.D  
Acq On : 01 Feb 2023 12:48  
Operator : JC/MD  
Sample : 01383-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
31970

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011123W.M  
Quant Title : SW846 8260

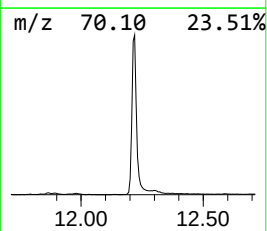
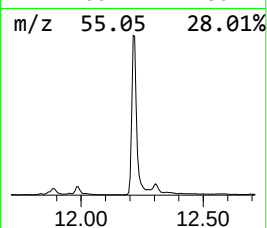
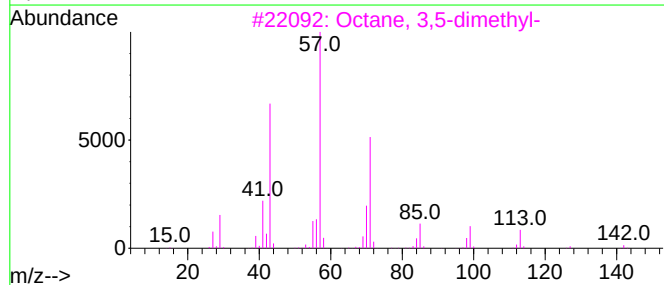
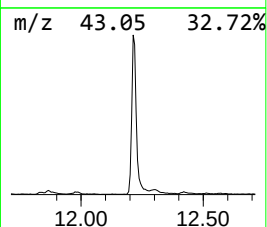
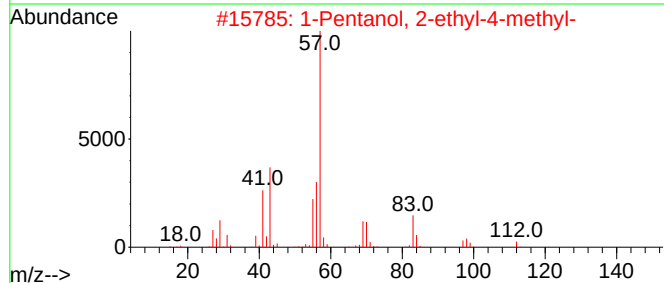
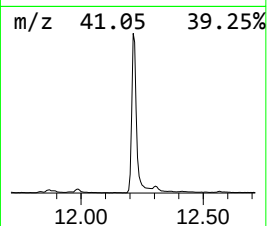
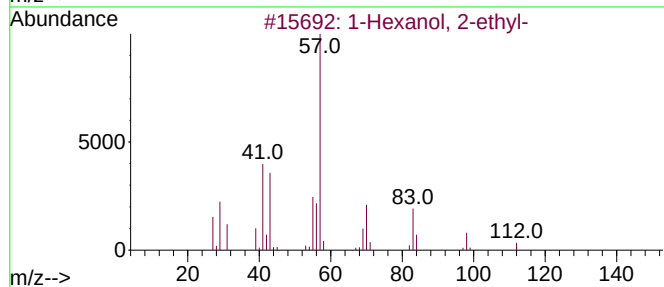
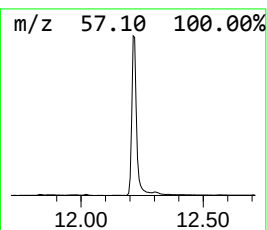
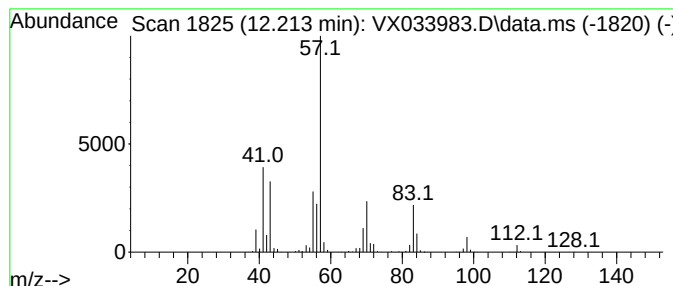
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 3

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.213 | 101.97 ug/l | 1149540 | 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 | 90   |
| 2    |    |   | 1-Pentanol, 2-ethyl-4-methyl- | 130 | C8H18O  | 000106-67-2 | 56   |
| 3    |    |   | Octane, 3,5-dimethyl-         | 142 | C10H22  | 015869-93-9 | 53   |
| 4    |    |   | 2-Propyl-1-pentanol           | 130 | C8H18O  | 058175-57-8 | 50   |
| 5    |    |   | 1-Decene, 2,4-dimethyl-       | 168 | C12H24  | 055170-80-4 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020123\  
Data File : VX033983.D  
Acq On : 01 Feb 2023 12:48  
Operator : JC/MD  
Sample : 01383-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
31970

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011123W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Acetaldehyde       | 1.447  | 458.8   | ug/l  | 3807090  | 1                     | 5.549  | 414944 | 50.0 |
| Propanal           | 2.294  | 1449.4  | ug/l  | 12028100 | 1                     | 5.549  | 414944 | 50.0 |
| 1-Propanol         | 3.842  | 86.5    | ug/l  | 717988   | 1                     | 5.549  | 414944 | 50.0 |
| Butanal            | 4.220  | 61.0    | ug/l  | 506471   | 1                     | 5.549  | 414944 | 50.0 |
| 1-Hexanol, 2-et... | 12.213 | 102.0   | ug/l  | 1149540  | 4                     | 12.024 | 563641 | 50.0 |