

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100219\  
Data File : VX012763.D  
Acq On : 02 Oct 2019 16:02  
Operator : JC/SP  
Sample : K5154-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-106I

## 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\82X092319W.M  
Title : SW846 8260

Signal : TIC

| 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         | 1.070       | 26            | 30          | 43           | rBV      | 682959         | 843213        | 89.02%          | 14.757%       |
| 2         | 1.265       | 58            | 62          | 70           | rBV      | 65597          | 82079         | 8.67%           | 1.436%        |
| 3         | 1.582       | 107           | 114         | 120          | rBV9     | 3201           | 9682          | 1.02%           | 0.169%        |
| 4         | 2.594       | 272           | 280         | 292          | rBV      | 43990          | 84902         | 8.96%           | 1.486%        |
| 5         | 4.588       | 596           | 607         | 616          | rBV4     | 3572           | 10872         | 1.15%           | 0.190%        |
| 6         | 5.490       | 744           | 755         | 768          | rBV      | 105979         | 301795        | 31.86%          | 5.282%        |
| 7         | 5.654       | 770           | 782         | 798          | rBV      | 190062         | 540211        | 57.03%          | 9.454%        |
| 8         | 6.057       | 836           | 848         | 862          | rBV      | 127602         | 332503        | 35.10%          | 5.819%        |
| 9         | 6.849       | 968           | 978         | 995          | rBV      | 295960         | 709204        | 74.88%          | 12.412%       |
| 10        | 8.709       | 1276          | 1283        | 1296         | rBV      | 597410         | 947170        | 100.00%         | 16.576%       |
| 11        | 10.111      | 1507          | 1513        | 1531         | rBV      | 546090         | 765109        | 80.78%          | 13.390%       |
| 12        | 11.135      | 1675          | 1681        | 1689         | rBV      | 394059         | 515183        | 54.39%          | 9.016%        |
| 13        | 12.074      | 1829          | 1835        | 1842         | rBV      | 467375         | 572030        | 60.39%          | 10.011%       |

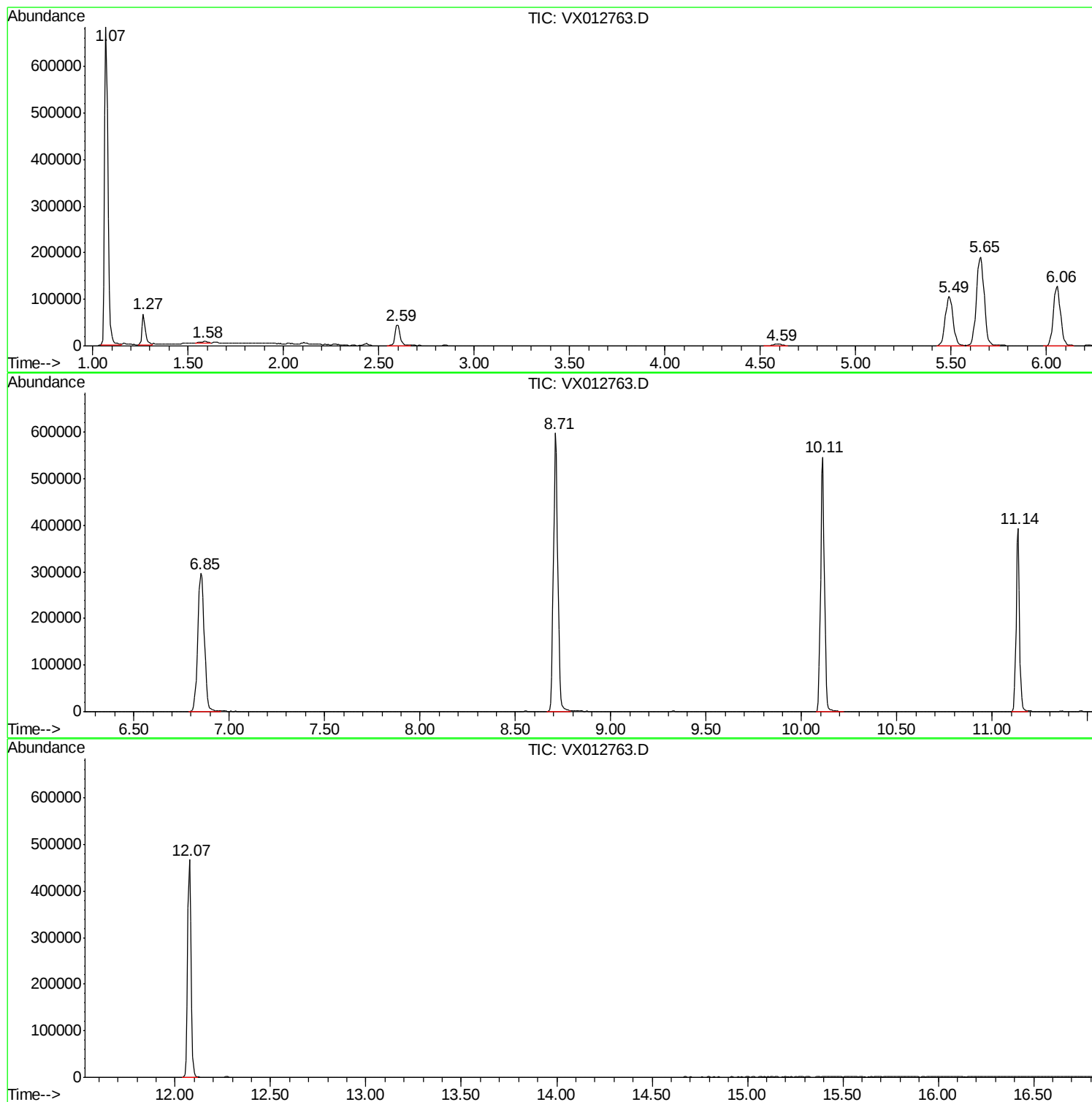
Sum of corrected areas: 5713953

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100219\  
Data File : VX012763.D  
Acq On : 02 Oct 2019 16:02  
Operator : JC/SP  
Sample : K5154-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-106I

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X092319W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100219\  
Data File : VX012763.D  
Acq On : 02 Oct 2019 16:02  
Operator : JC/SP  
Sample : K5154-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-106I

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X092319W.M  
Quant Title : SW846 8260

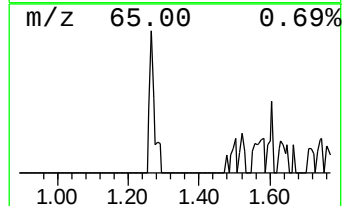
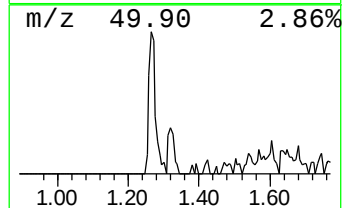
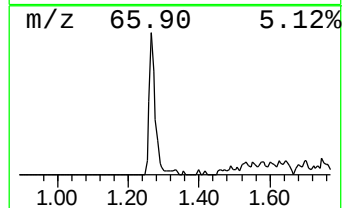
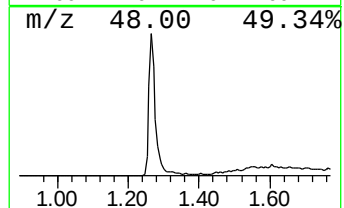
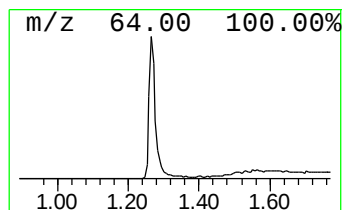
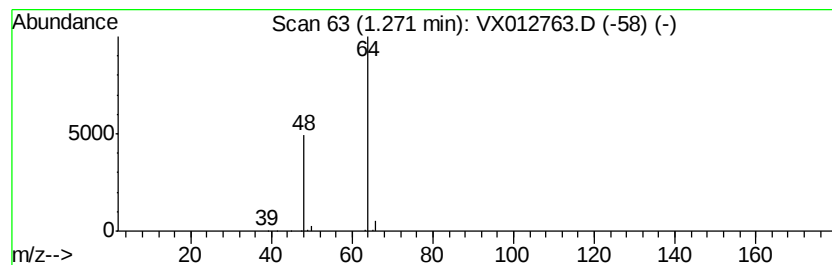
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Sulfur dioxide Concentration Rank 3

| R.T. | EstConc   | Area  | Relative to ISTD   | R.T. |
|------|-----------|-------|--------------------|------|
| 1.27 | 7.60 ug/l | 82079 | Pentafluorobenzene | 5.65 |

| Hit# | of | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------------|-----|----------|-------------|------|
| 1    | 5  | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 83   |
| 2    |    | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 74   |
| 3    |    | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 4    |    | Ethene, 1,1-difluoro-     | 64  | C2H2F2   | 000075-38-7 | 4    |
| 5    |    | Ethyl Chloride            | 64  | C2H5Cl   | 000075-00-3 | 3    |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100219\  
Data File : VX012763.D  
Acq On : 02 Oct 2019 16:02  
Operator : JC/SP  
Sample : K5154-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-106I

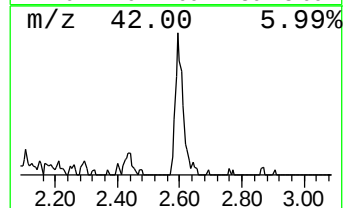
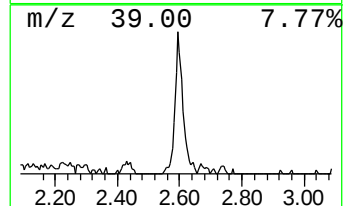
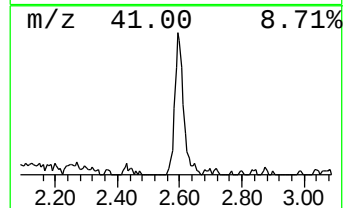
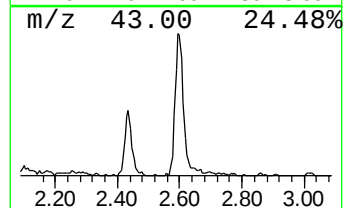
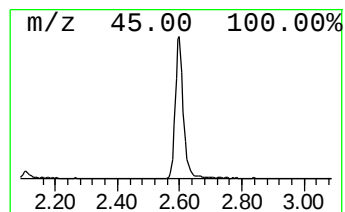
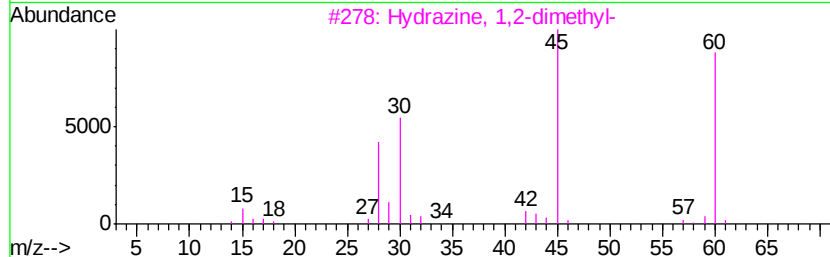
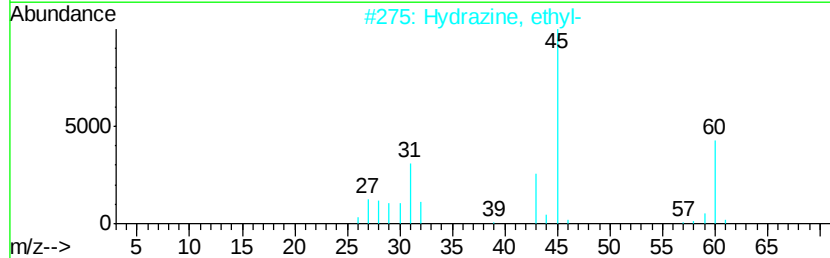
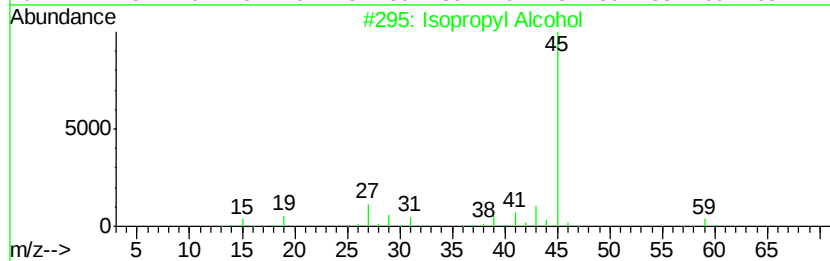
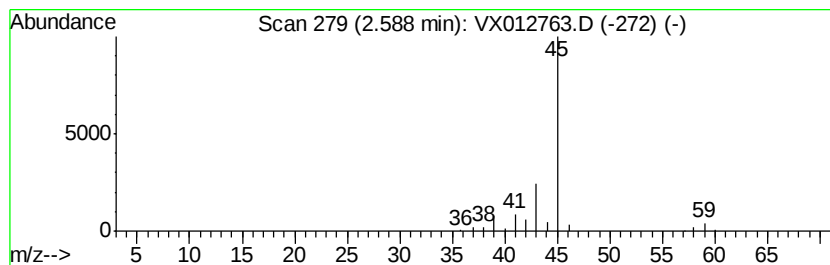
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X092319W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc   | Area  | Relative to ISTD   | R.T. |
|------|-----------|-------|--------------------|------|
| 2.59 | 7.86 ug/l | 84902 | Pentafluorobenzene | 5.65 |

| Hit# | of | Tentative ID              | MW | MolForm | CAS#        | Qual |
|------|----|---------------------------|----|---------|-------------|------|
| 1    | 5  | Isopropyl Alcohol         | 60 | C3H8O   | 000067-63-0 | 86   |
| 2    |    | Hydrazine, ethyl-         | 60 | C2H8N2  | 000624-80-6 | 40   |
| 3    |    | Hydrazine, 1,2-dimethyl-  | 60 | C2H8N2  | 000540-73-8 | 9    |
| 4    |    | Ethylamine                | 45 | C2H7N   | 000075-04-7 | 5    |
| 5    |    | Oxirane, (methoxymethyl)- | 88 | C4H8O2  | 000930-37-0 | 4    |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX100219\  
Data File : VX012763.D  
Acq On : 02 Oct 2019 16:02  
Operator : JC/SP  
Sample : K5154-04  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-106I

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X092319W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name  | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|-------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                   |      |         |       |          | #                     | RT   | Resp   | Conc |
| Sulfur dioxide    | 1.27 | 7.6     | ug/l  | 82079    | 1                     | 5.65 | 540211 | 50.0 |
| Isopropyl Alcohol | 2.59 | 7.9     | ug/l  | 84902    | 1                     | 5.65 | 540211 | 50.0 |