

# Quantitation Report (Qedit)

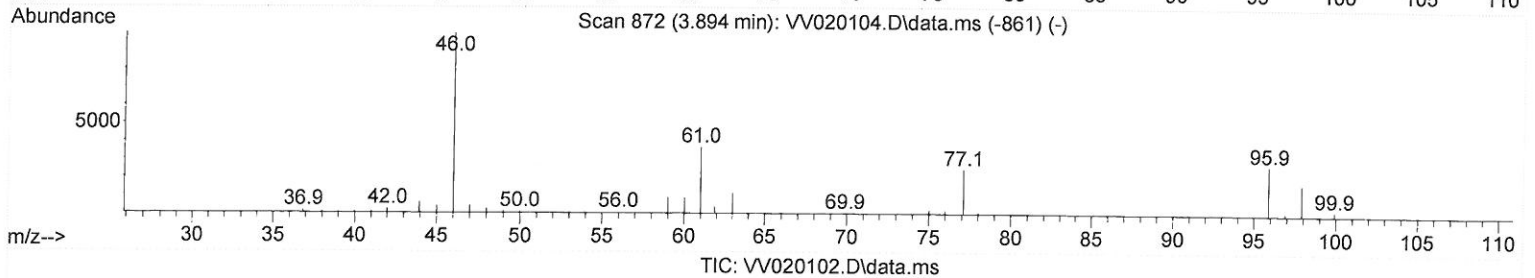
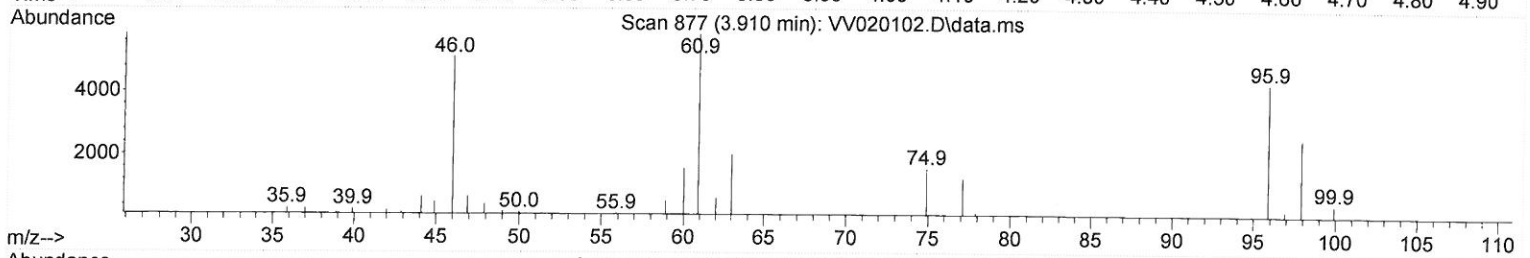
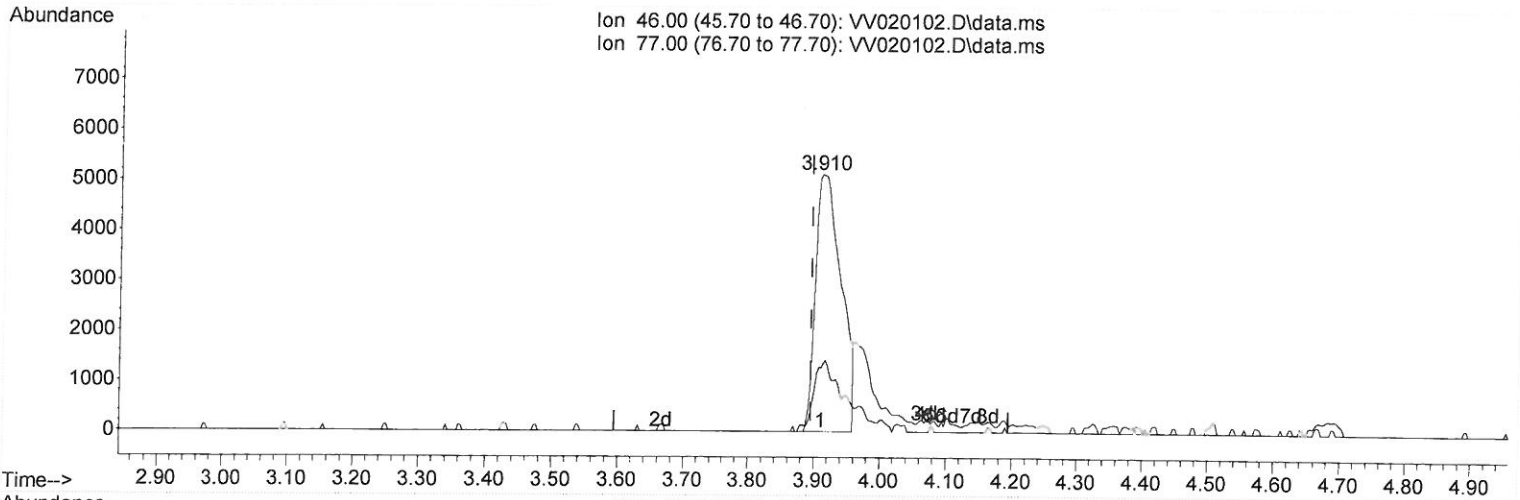
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV012121\  
 Data File : VV020102.D  
 Acq On : 21 Jan 2021 11:43  
 Operator : SY/MD  
 Sample : VSTD00564  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00564

Manual Integrations  
 APPROVED

MMDadoda  
 1/26/2021 10:28:33 AM

Quant Time: Jan 21 13:13:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM012121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jan 21 13:13:04 2021  
 Response via : Initial Calibration



(21) 2-Butanone-d5 (S)

3.910min (+ 0.016) 7.05 ug/L

response 13913

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 22.90  | 14.97# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

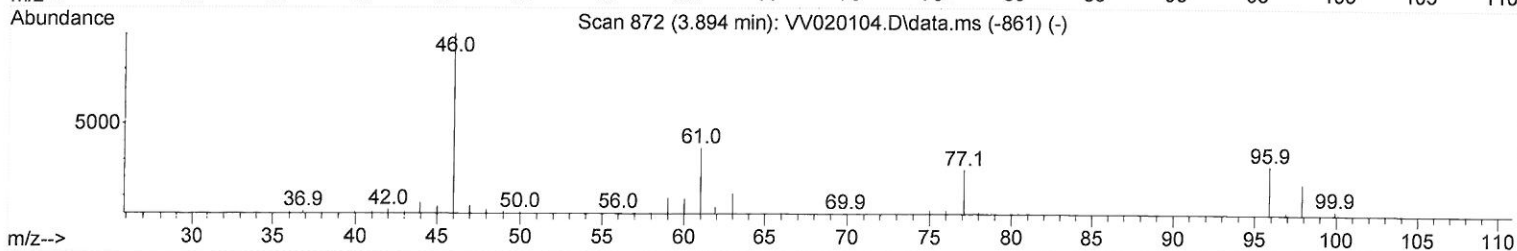
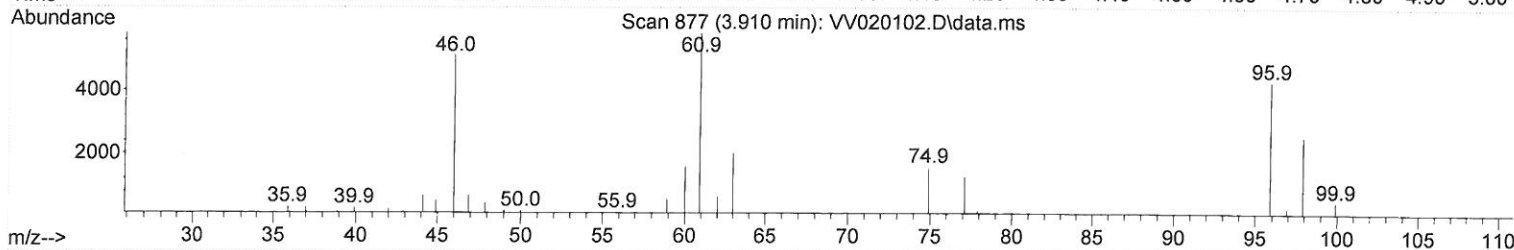
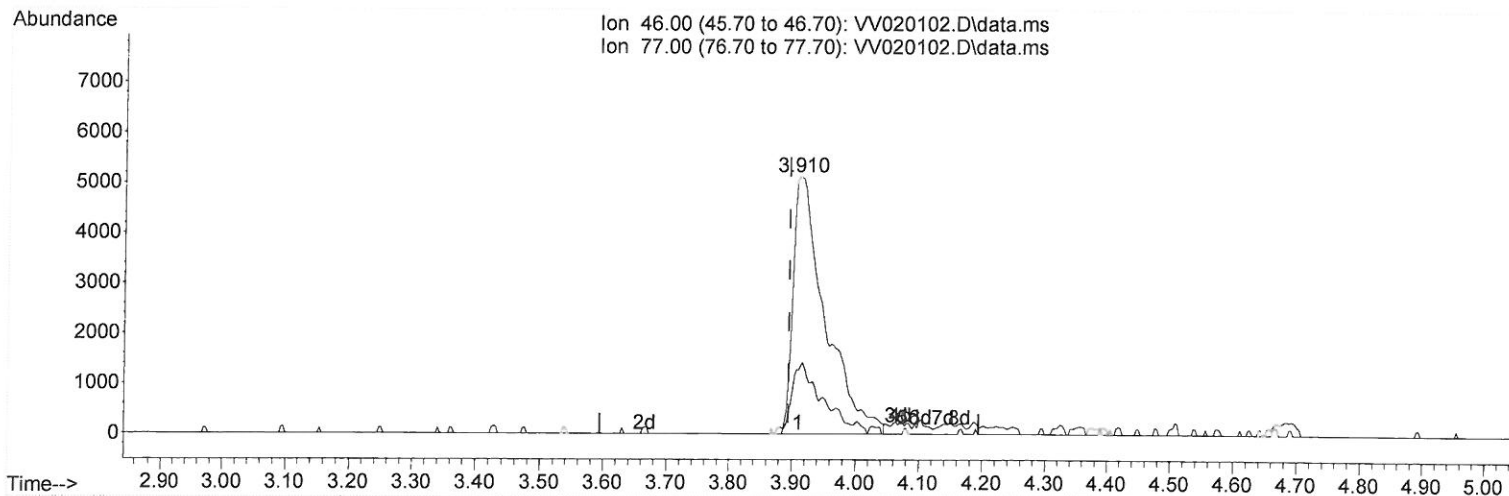
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV012121\  
 Data File : VV020102.D  
 Acq On : 21 Jan 2021 11:43  
 Operator : SY/MD  
 Sample : VSTD00564  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00564

Manual Integrations  
 APPROVED

MMDadoda  
 1/26/2021 10:28:33 AM

Quant Time: Jan 21 13:13:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM012121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jan 21 13:13:04 2021  
 Response via : Initial Calibration



TIC: VV020102.D\data.ms

(21) 2-Butanone-d5 (S)

3.910min (+ 0.016) 9.12 ug/L m

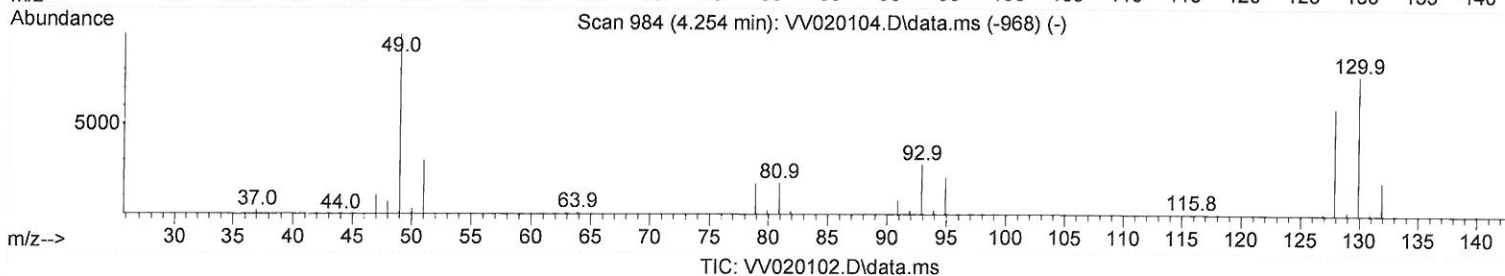
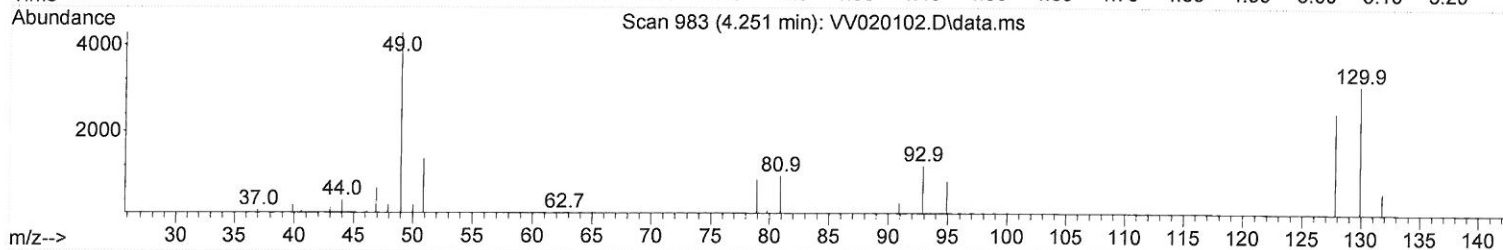
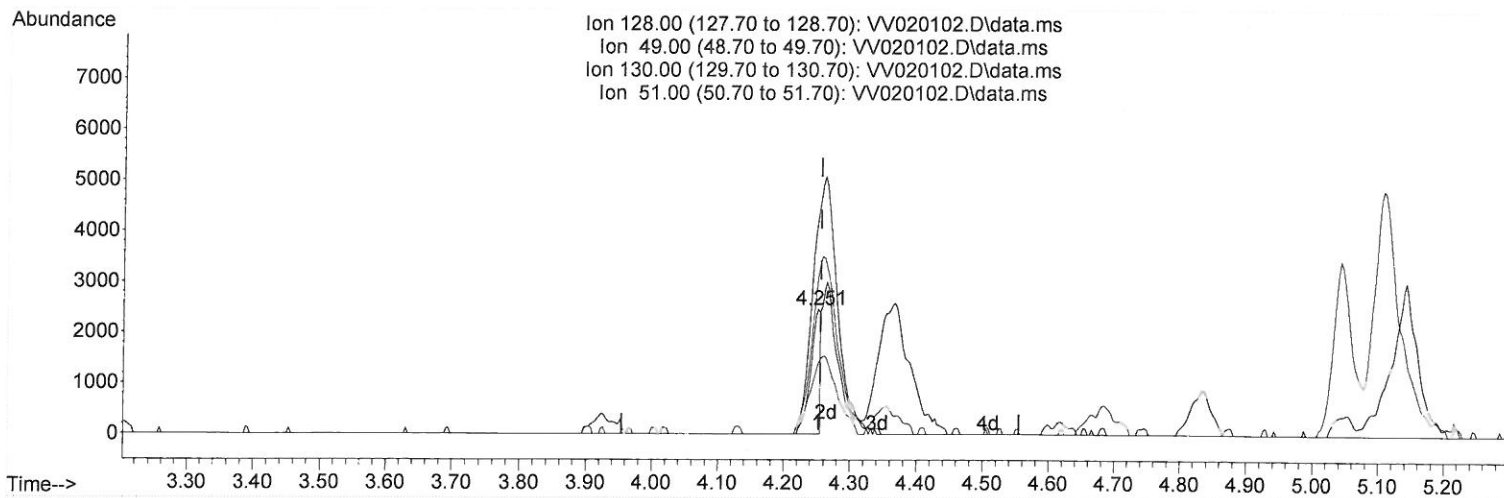
response 17986

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 22.90  | 11.58# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012121\  
Data File : VV020102.D  
Acq On    : 21 Jan 2021  11:43  
Operator  : SY/MD  
Sample    : VSTD00564  
Misc      : 5.0mL/MSVOA_V/WATER  
ALS Vial  : 1 Sample Multiplier: 1
```

MMDadoda  
1/26/2021 10:28:33 AM

Quant Time: Jan 21 13:13:46 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM012121WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jan 21 13:13:04 2021  
Response via : Initial Calibration



| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 128.00 | 100.00 | 100.00 |
| 49.00  | 190.10 | 173.99 |
| 130.00 | 127.20 | 125.84 |
| 51.00  | 61.60  | 55.96  |

# Quantitation Report (Qedit)

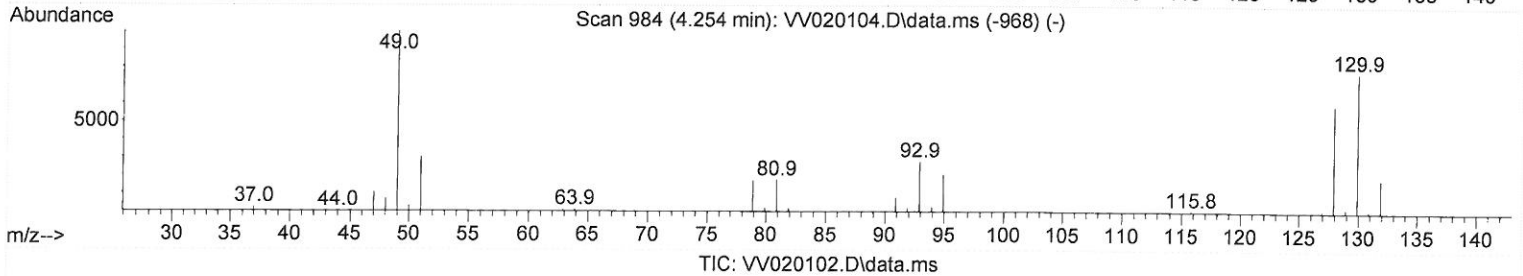
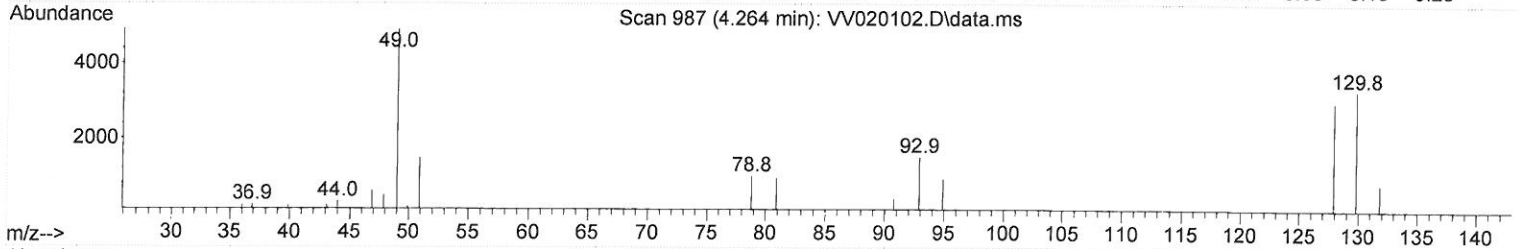
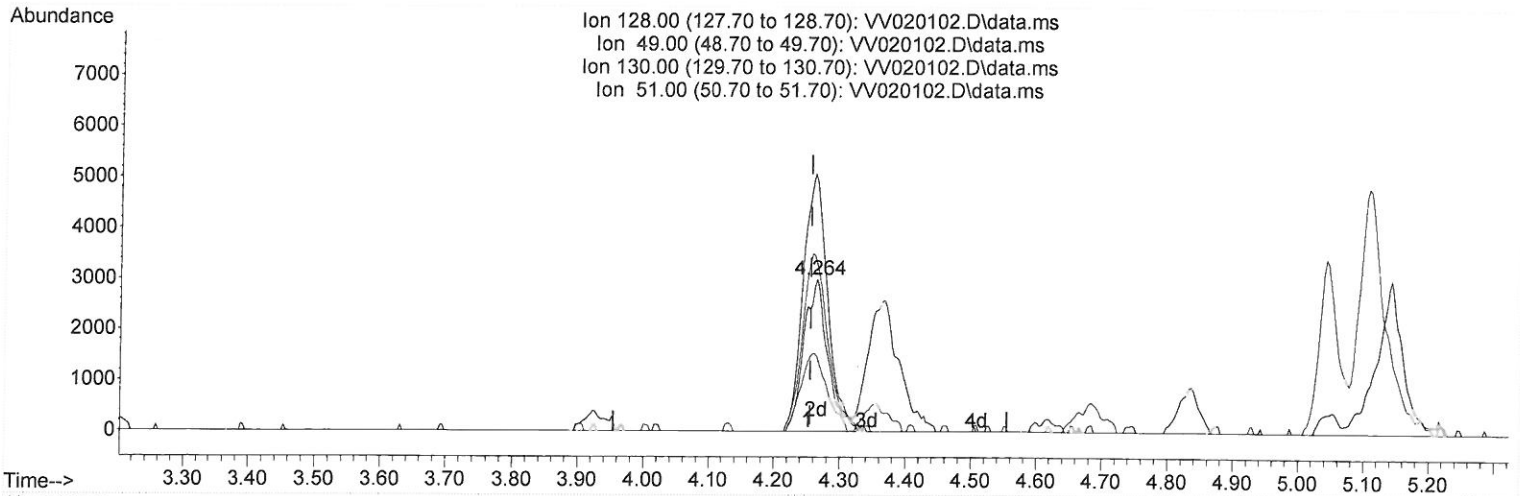
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV012121\  
 Data File : VV020102.D  
 Acq On : 21 Jan 2021 11:43  
 Operator : SY/MD  
 Sample : VSTD00564  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00564

Manual Integrations  
 APPROVED

MMDadoda  
 1/26/2021 10:28:33 AM

Quant Time: Jan 21 13:13:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM012121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jan 21 13:13:04 2021  
 Response via : Initial Calibration



(23) Bromochloromethane (T)

4.264min (+ 0.010) 4.28 ug/L m

202102121 24

response 7555

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 128.00 | 100.00 | 100.00 |
| 49.00  | 190.10 | 163.76 |
| 130.00 | 127.20 | 110.51 |
| 51.00  | 61.60  | 49.32  |

# Quantitation Report (Qedit)

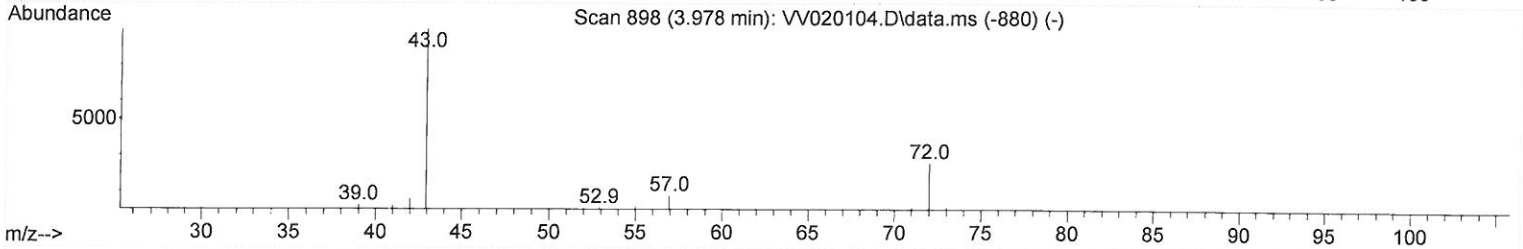
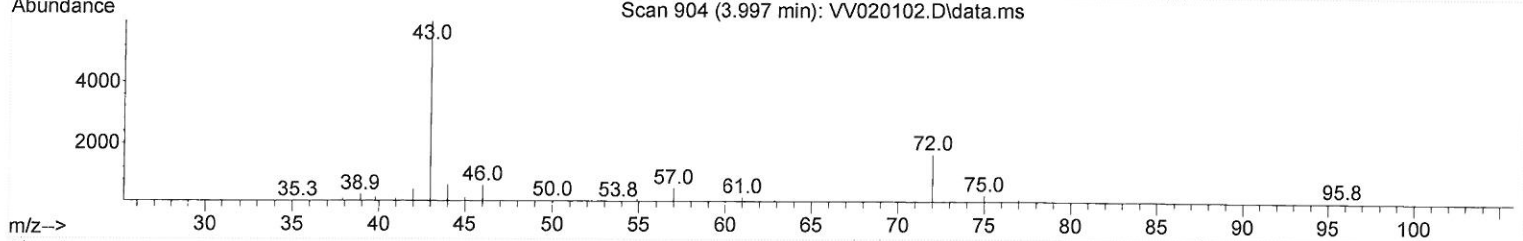
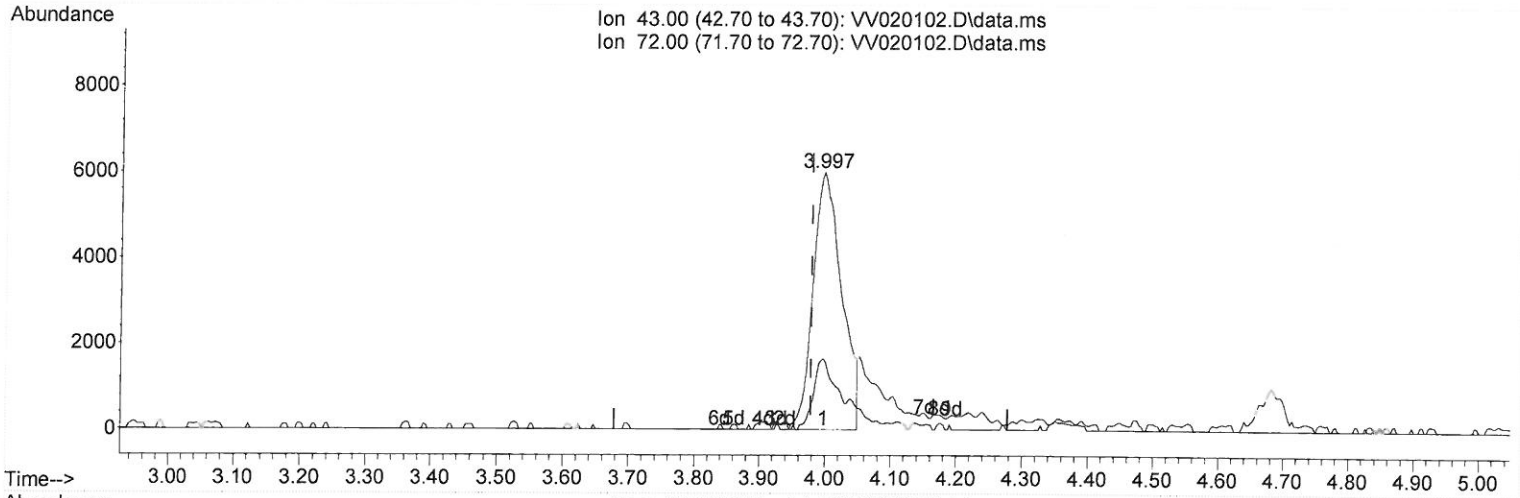
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV012121\  
 Data File : VV020102.D  
 Acq On : 21 Jan 2021 11:43  
 Operator : SY/MD  
 Sample : VSTD00564  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00564

Manual Integrations  
 APPROVED

MMDadoda  
 1/26/2021 10:28:33 AM

Quant Time: Jan 21 13:13:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM012121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jan 21 13:13:04 2021  
 Response via : Initial Calibration



TIC: VV020102.D\data.ms

(22) 2-Butanone (T)

3.997min (+ 0.019) 8.50 ug/L

response 18223

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 24.40  | 21.01  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

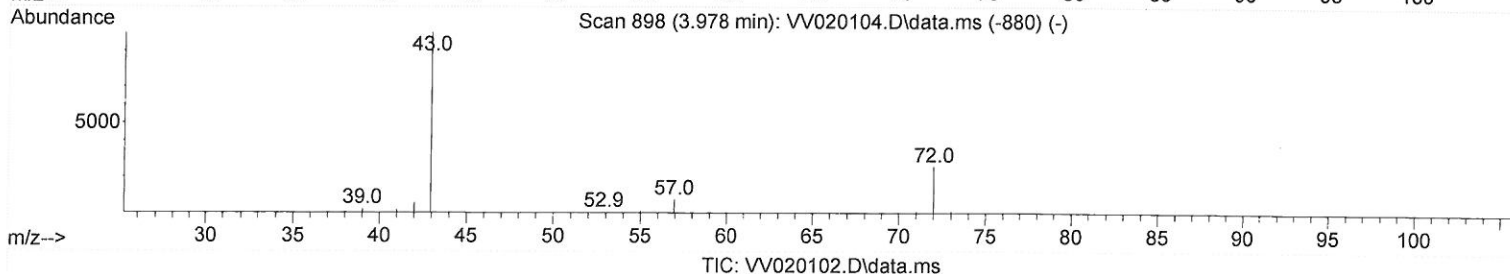
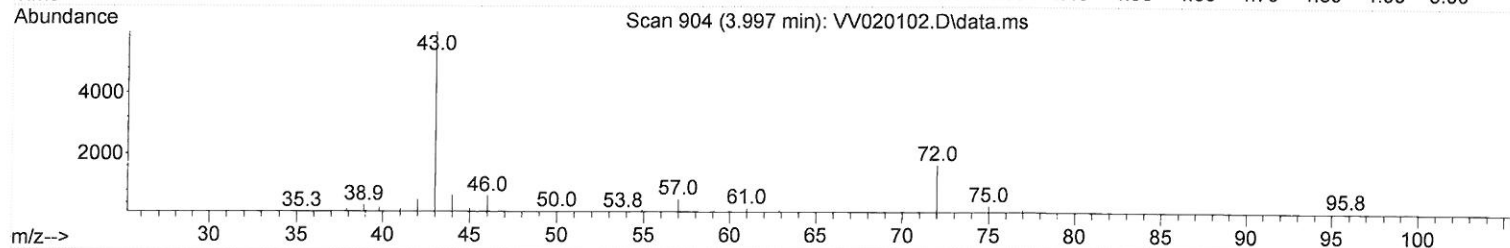
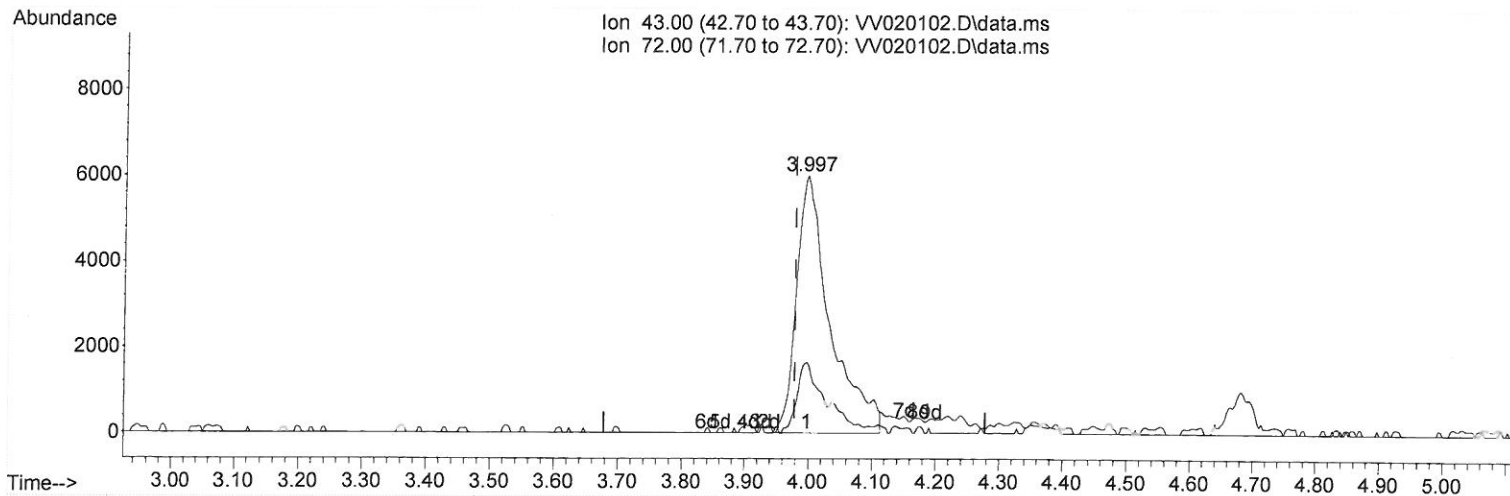
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV012121\  
 Data File : VV020102.D  
 Acq On : 21 Jan 2021 11:43  
 Operator : SY/MD  
 Sample : VSTD00564  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00564

Manual Integrations  
 APPROVED

MMDadoda  
 1/26/2021 10:28:33 AM

Quant Time: Jan 21 13:13:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM012121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jan 21 13:13:04 2021  
 Response via : Initial Calibration



(22) 2-Butanone (T)

3.997min (+ 0.019) 10.29 ug/L m

response 22050

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 24.40  | 17.37  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

202/02/21 sy

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW012121\  
 Data File : VW020102.D  
 Acq On : 21 Jan 2021 11:43  
 Operator : SY/MD  
 Sample : VSTD00564  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00564

Manual Integrations  
 APPROVED

MMDadoda  
 1/26/2021 10:28:33 AM

Quant Time: Jan 21 13:13:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM012121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jan 21 13:13:04 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 5.621  | 114  | 437399   | 50.00 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.858  | 117  | 439696   | 50.00 | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.257 | 152  | 201090   | 50.00 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 4) Vinyl Chloride-d3          | 1.306  | 65   | 15395    | 5.50  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.569  | 69   | 12979    | 5.97  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.113  | 63   | 31313    | 5.66  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 3.910  | 46   | 17986m   | 9.12  | ug/L   | 0.02     |
| 24) Chloroform-d              | 4.357  | 84   | 26896    | 4.39  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.042  | 65   | 18867    | 4.62  | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.058  | 84   | 52096    | 4.31  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.077  | 67   | 15633    | 4.37  | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.321  | 98   | 48376    | 4.30  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.633  | 79   | 7410     | 3.92  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 8.100  | 63   | 10588    | 7.45  | ug/L   | 0.00     |
| 57) 1,1,2,2-Tetrachloroeth... | 10.225 | 84   | 21403    | 4.42  | ug/L   | 0.00     |
| 64) 1,2-Dichlorobenzene-d4    | 11.633 | 152  | 21200    | 5.47  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
| 2) Dichlorodifluoromethane    | 1.129  | 85   | 18685    | 5.17  | ug/L   | 99       |
| 3) Chloromethane              | 1.241  | 50   | 18010    | 6.35  | ug/L   | 99       |
| 5) Vinyl chloride             | 1.312  | 62   | 19374    | 6.35  | ug/L   | 94       |
| 6) Bromomethane               | 1.524  | 94   | 11808    | 5.63  | ug/L   | 94       |
| 8) Chloroethane               | 1.585  | 64   | 12134    | 6.71  | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 1.753  | 101  | 26142    | 5.14  | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.119  | 101  | 15541    | 5.83  | ug/L   | 95       |
| 12) 1,1-Dichloroethene        | 2.122  | 96   | 14538    | 5.84  | ug/L   | 79       |
| 13) Acetone                   | 2.183  | 43   | 21984    | 13.19 | ug/L   | 98       |
| 14) Carbon disulfide          | 2.296  | 76   | 38692    | 4.79  | ug/L   | 98       |
| 15) Methyl Acetate            | 2.441  | 43   | 15486    | 5.37  | ug/L   | 96       |
| 16) Methylene chloride        | 2.511  | 84   | 14511    | 4.71  | ug/L   | 100      |
| 17) trans-1,2-Dichloroethene  | 2.765  | 96   | 12904    | 4.36  | ug/L   | 83       |
| 18) Methyl tert-butyl Ether   | 2.772  | 73   | 42358    | 4.51  | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 3.196  | 63   | 26262    | 4.96  | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 3.923  | 96   | 13583    | 4.29  | ug/L   | 99       |
| 22) 2-Butanone                | 3.997  | 43   | 22050m   | 10.29 | ug/L   |          |
| 23) Bromochloromethane        | 4.264  | 128  | 7555m    | 4.28  | ug/L   |          |
| 25) Chloroform                | 4.383  | 83   | 27622    | 4.79  | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 5.138  | 62   | 24041    | 5.04  | ug/L   | 98       |
| 29) Cyclohexane               | 4.682  | 56   | 21818    | 4.54  | ug/L   | 95       |
| 30) 1,1,1-Trichloroethane     | 4.614  | 97   | 22599    | 3.96  | ug/L   | 97       |
| 31) Carbon tetrachloride      | 4.833  | 117  | 19829    | 3.94  | ug/L   | 96       |
| 33) Benzene                   | 5.106  | 78   | 60793    | 4.84  | ug/L   | 100      |
| 34) Trichloroethene           | 5.923  | 95   | 17260    | 4.64  | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.138  | 83   | 22271    | 4.25  | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 6.183  | 63   | 15153    | 4.86  | ug/L # | 95       |
| 38) Bromodichloromethane      | 6.518  | 83   | 21131    | 4.63  | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 7.035  | 75   | 20104    | 3.92  | ug/L   | 93       |
| 40) 4-Methyl-2-pentanone      | 7.235  | 43   | 42513    | 9.76  | ug/L   | 98       |
| 42) Toluene                   | 7.395  | 91   | 61317    | 4.52  | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 7.659  | 75   | 19792    | 4.01  | ug/L   | 97       |

2/02/21 SY

02/02/21 SY

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV012121\  
 Data File : VV020102.D  
 Acq On : 21 Jan 2021 11:43  
 Operator : SY/MD  
 Sample : VSTD00564  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD00564

Manual Integrations  
 APPROVED

MMDadoda  
 1/26/2021 10:28:33 AM

Quant Time: Jan 21 13:13:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM012121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jan 21 13:13:04 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 7.849  | 97   | 15428    | 4.84  | ug/L   | 97       |
| 46) Tetrachloroethene         | 7.981  | 164  | 14067    | 5.04  | ug/L   | 94       |
| 48) 2-Hexanone                | 8.151  | 43   | 34203    | 10.25 | ug/L   | 99       |
| 49) Dibromochloromethane      | 8.254  | 129  | 15562    | 4.25  | ug/L   | 94       |
| 50) 1,2-Dibromoethane         | 8.360  | 107  | 16687    | 4.79  | ug/L # | 99       |
| 51) Chlorobenzene             | 8.887  | 112  | 45501    | 5.05  | ug/L   | 98       |
| 52) Ethylbenzene              | 9.019  | 91   | 68541    | 4.52  | ug/L   | 99       |
| 53) m,p-Xylene                | 9.145  | 106  | 22678    | 3.92  | ug/L   | 86       |
| 54) o-xylene                  | 9.550  | 106  | 22939    | 4.06  | ug/L   | 99       |
| 55) Styrene                   | 9.569  | 104  | 36639    | 3.76  | ug/L   | 94       |
| 56) Isopropylbenzene          | 9.939  | 105  | 62080    | 4.10  | ug/L   | 99       |
| 58) 1,1,2,2-Tetrachloroethane | 10.251 | 83   | 21623    | 4.55  | ug/L   | 99       |
| 59) 1,2,3-Trichloropropane    | 10.283 | 75   | 21529    | 5.14  | ug/L   | 99       |
| 61) Bromoform                 | 9.736  | 173  | 7874     | 3.81  | ug/L   | 95       |
| 62) 1,3-Dichlorobenzene       | 11.189 | 146  | 30221    | 5.02  | ug/L   | 98       |
| 63) 1,4-Dichlorobenzene       | 11.283 | 146  | 33172    | 5.37  | ug/L   | 96       |
| 65) 1,2-Dichlorobenzene       | 11.652 | 146  | 35701    | 5.89  | ug/L   | 95       |
| 66) 1,2-Dibromo-3-chloropr... | 12.440 | 75   | 4533     | 4.93  | ug/L   | 96       |
| 67) 1,3,5-Trichlorobenzene    | 12.656 | 180  | 21748    | 4.49  | ug/L   | 97       |
| 68) 1,2,4-trichlorobenzene    | 13.270 | 180  | 21644    | 5.14  | ug/L   | 99       |
| 69) Naphthalene               | 13.514 | 128  | 50746    | 4.48  | ug/L   | 99       |
| 70) 1,2,3-Trichlorobenzene    | 13.755 | 180  | 18305    | 4.57  | ug/L   | 96       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV012121\  
Data File : VV020102.D  
Acq On : 21 Jan 2021 11:43  
Operator : SY/MD  
Sample : VSTD00564  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
VSTD00564

**Manual Integrations**  
**APPROVED**

MMDadoda  
1/26/2021 10:28:33 AM

Quant Time: Jan 21 13:13:46 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM012121WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jan 21 13:13:04 2021  
Response via : Initial Calibration

