

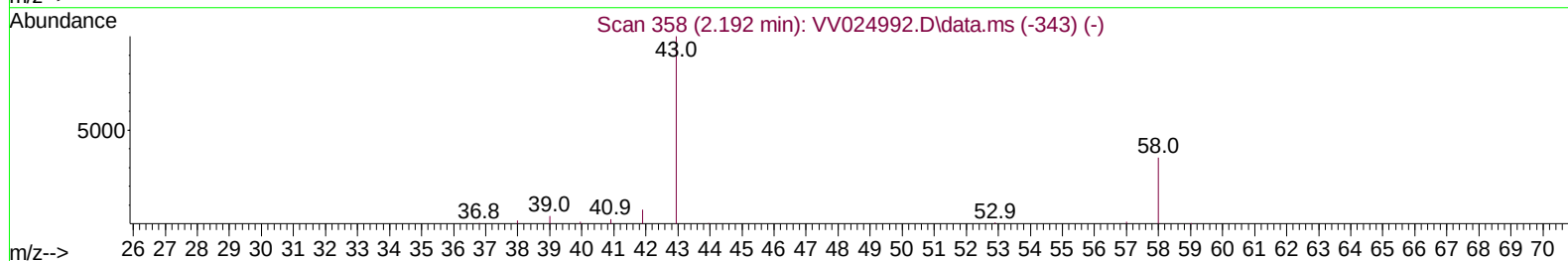
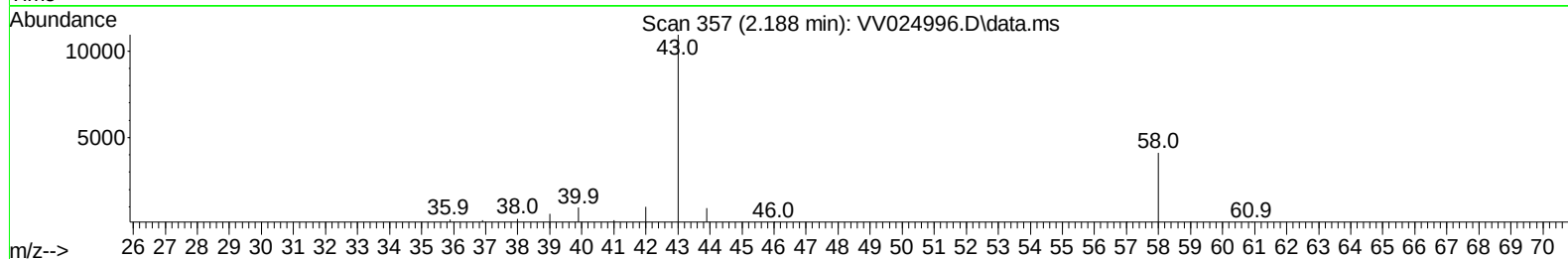
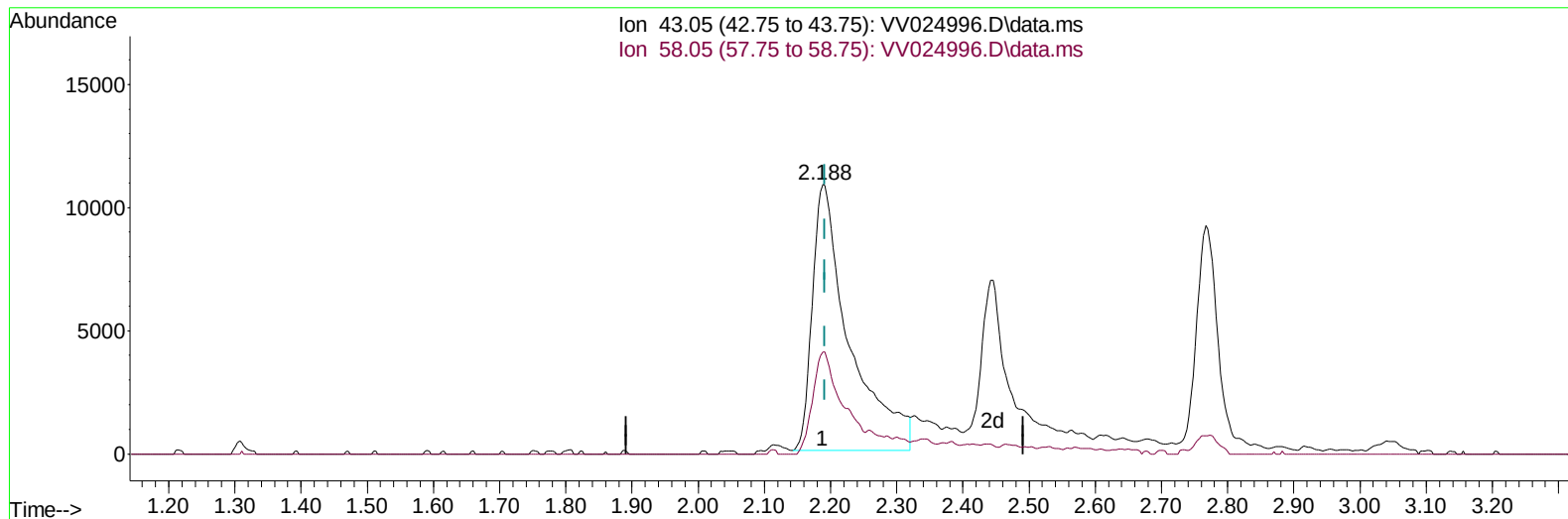
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031522\  
 Data File : VV024996.D  
 Acq On : 15 Mar 2022 14:20  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC005

Manual IntegrationsAPPROVED

Quant Time: Mar 16 03:23:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Mar 16 03:13:23 2022  
 Response via : Initial Calibration

Reviewed By :John Carlone 03/16/2022  
 Supervised By :Mahesh Dadoda 03/16/2022



TIC: VV024996.D\data.ms

(13) Acetone (T)

2.188min (-0.003) 38.60 ug/L

response 42031

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 27.10  | 30.67  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

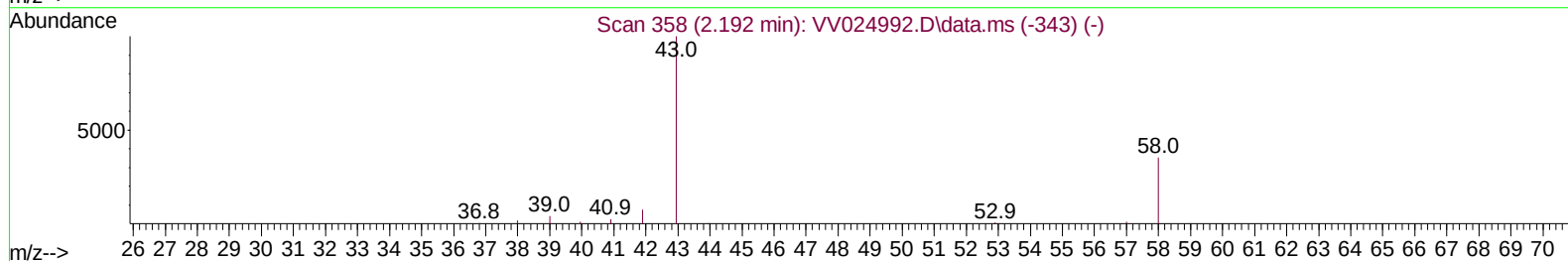
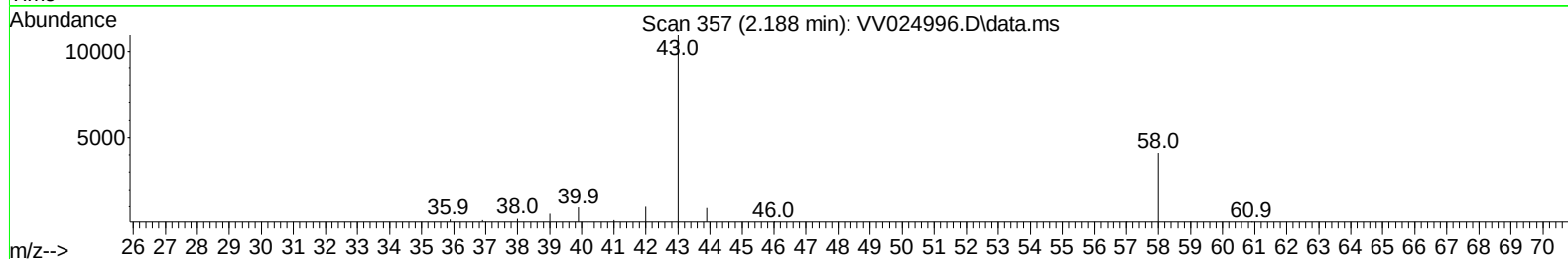
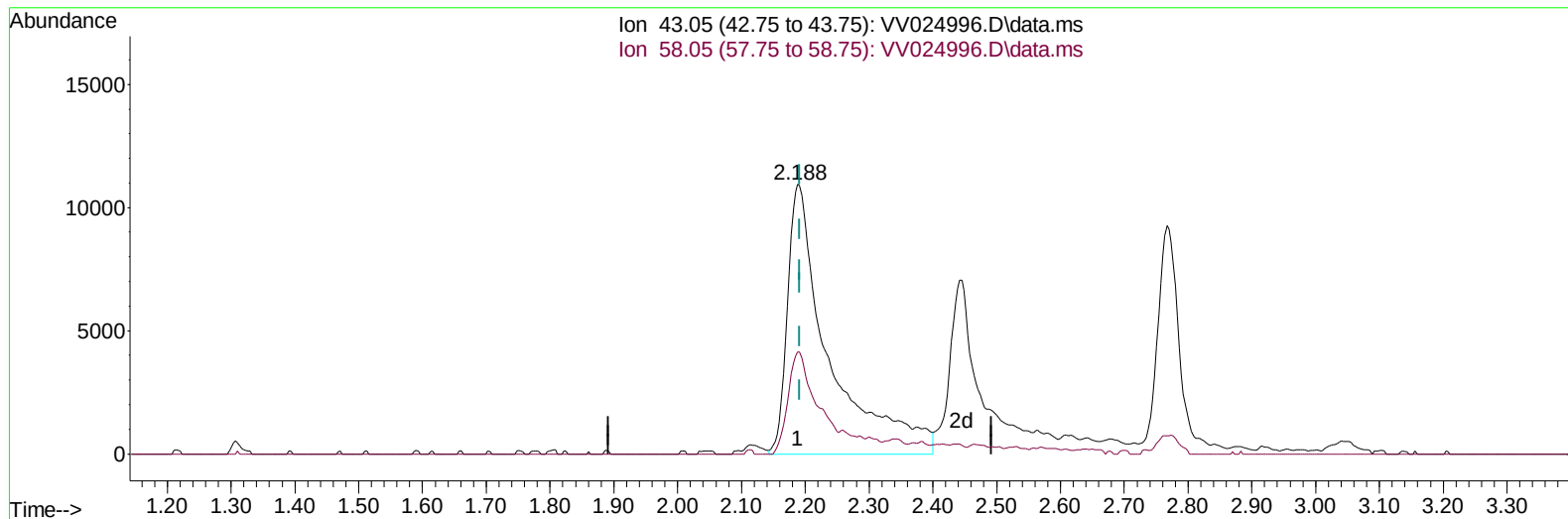
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031522\  
 Data File : VV024996.D  
 Acq On : 15 Mar 2022 14:20  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC005

Manual IntegrationsAPPROVED

Quant Time: Mar 16 03:23:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Mar 16 03:13:23 2022  
 Response via : Initial Calibration

Reviewed By :John Carlone 03/16/2022  
 Supervised By :Mahesh Dadoda 03/16/2022



TIC: VV024996.D\data.ms

(13) Acetone (T)

2.188min (-0.003) 45.19 ug/L m

response 49209

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 27.10  | 26.19  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

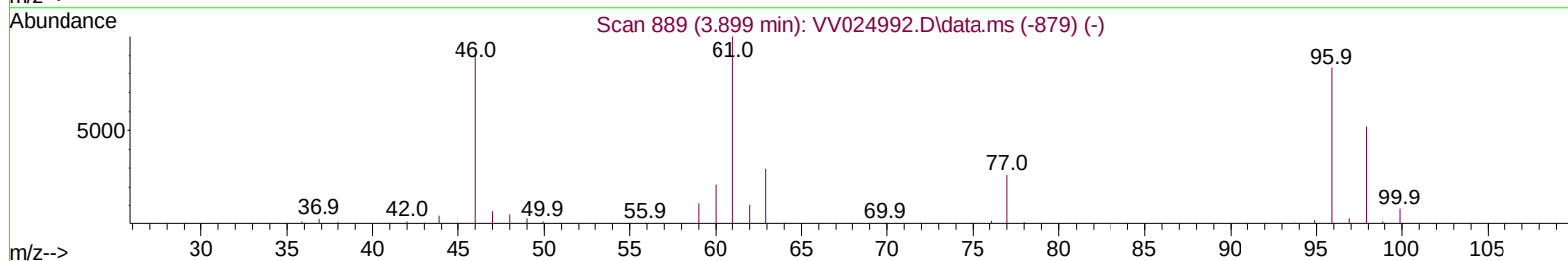
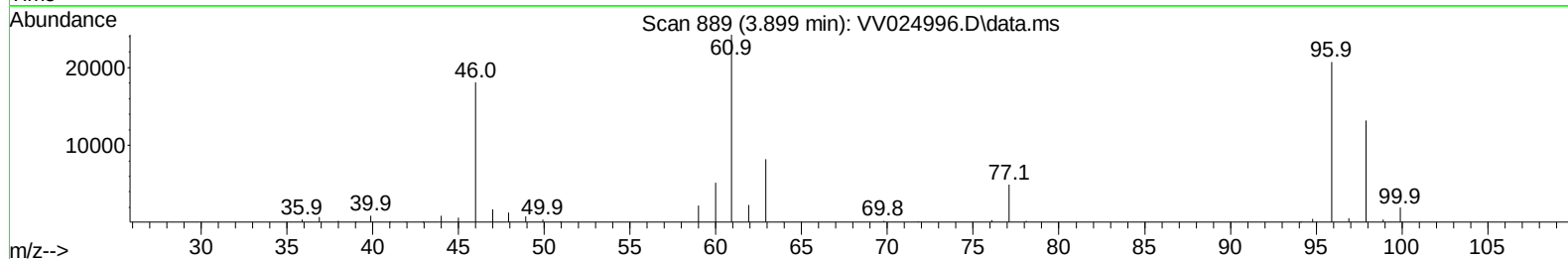
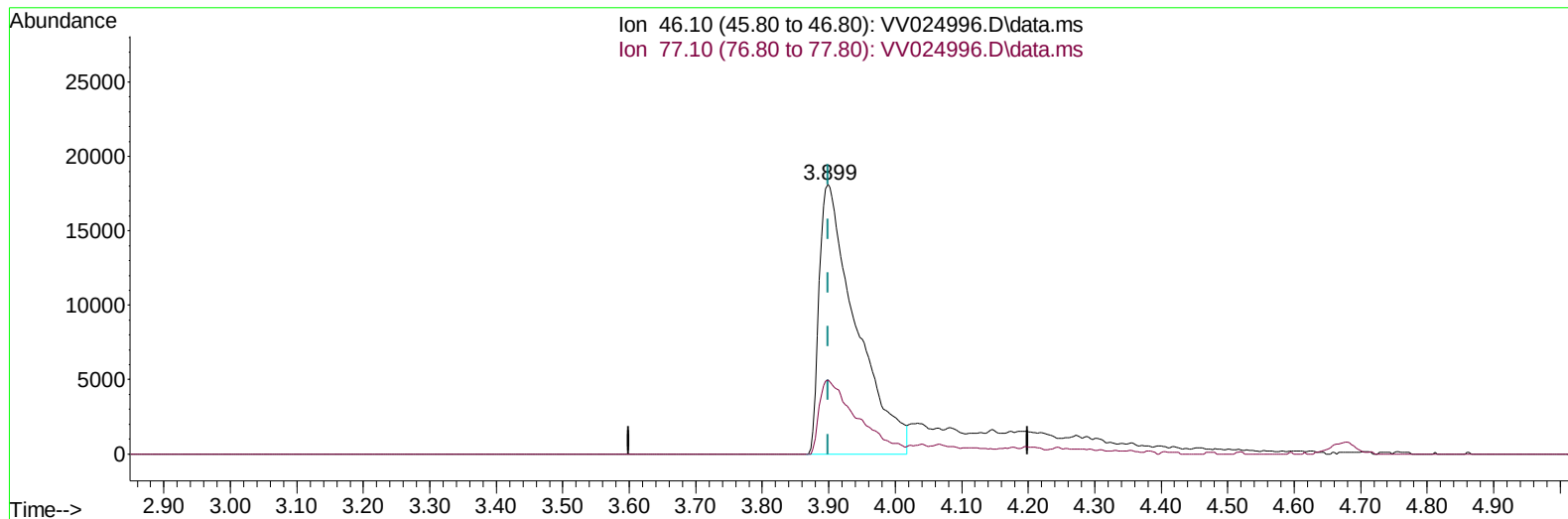
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031522\  
Data File : VV024996.D  
Acq On : 15 Mar 2022 14:20  
Operator : SY/MD  
Sample : VSTDCCC005  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
LabSampleId :  
VSTDCCC005

Manual IntegrationsAPPROVED

Quant Time: Mar 16 03:23:53 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Mar 16 03:13:23 2022  
Response via : Initial Calibration

Reviewed By :John Carlone 03/16/2022  
Supervised By :Mahesh Dadoda 03/16/2022



TIC: VV024996.D\data.ms

**(20) 2-Butanone-d5 (S)**

**3.899min (-0.000) 42.89 ug/L**

**response 69829**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 18.20  | 28.36# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

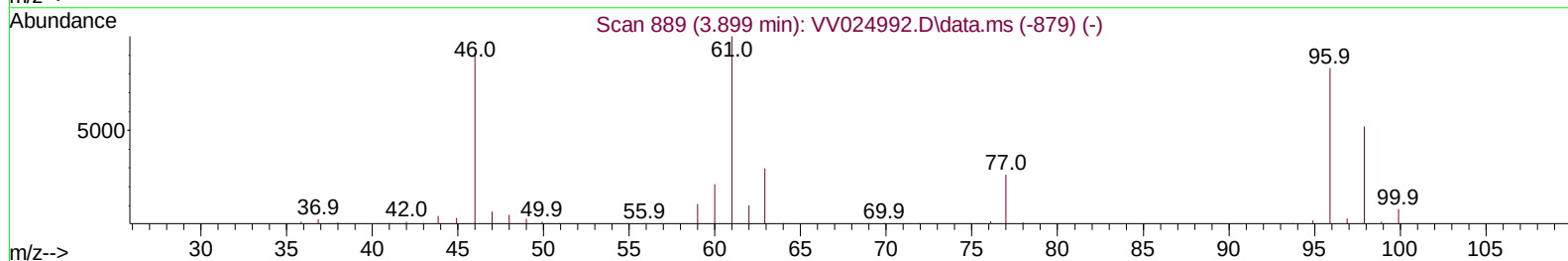
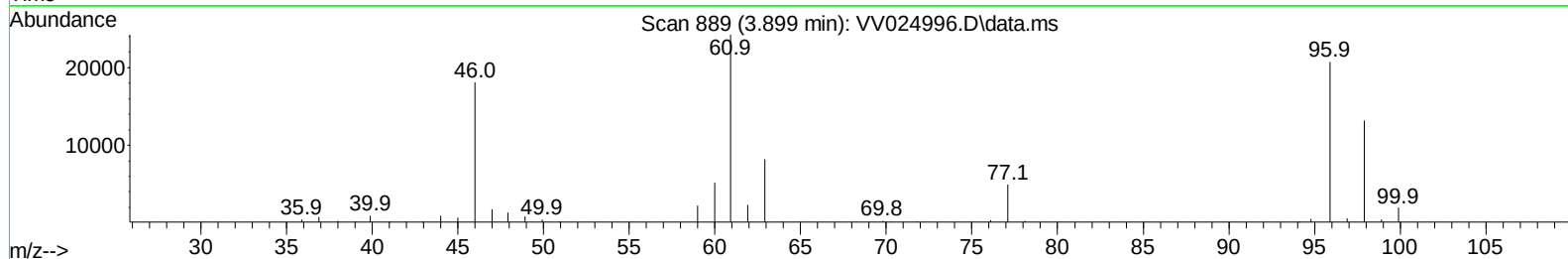
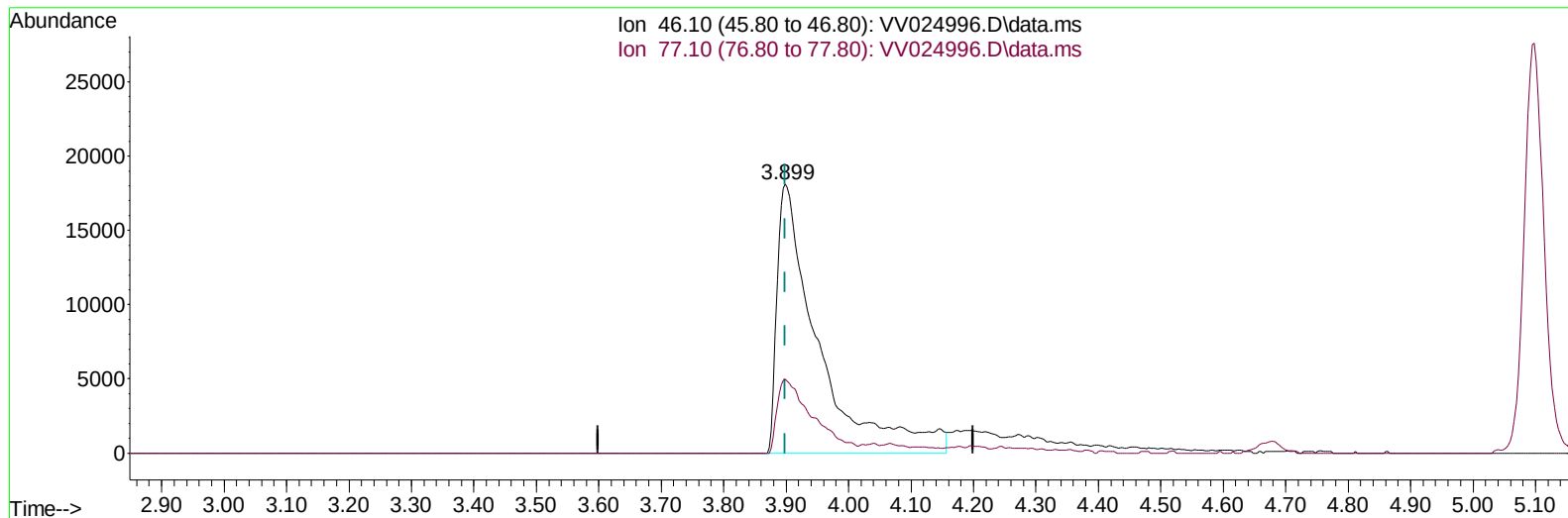
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031522\  
Data File : VV024996.D  
Acq On : 15 Mar 2022 14:20  
Operator : SY/MD  
Sample : VSTDCCC005  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
LabSampleId :  
VSTDCCC005

## Manual IntegrationsAPPROVED

Reviewed By :John Carlone 03/16/2022  
Supervised By :Mahesh Dadoda 03/16/2022

Quant Time: Mar 16 03:23:53 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Mar 16 03:13:23 2022  
Response via : Initial Calibration



TIC: VV024996.D\data.ms

**(20) 2-Butanone-d5 (S)****3.899min (-0.000) 51.23 ug/L m****response 83406**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 18.20  | 23.75# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

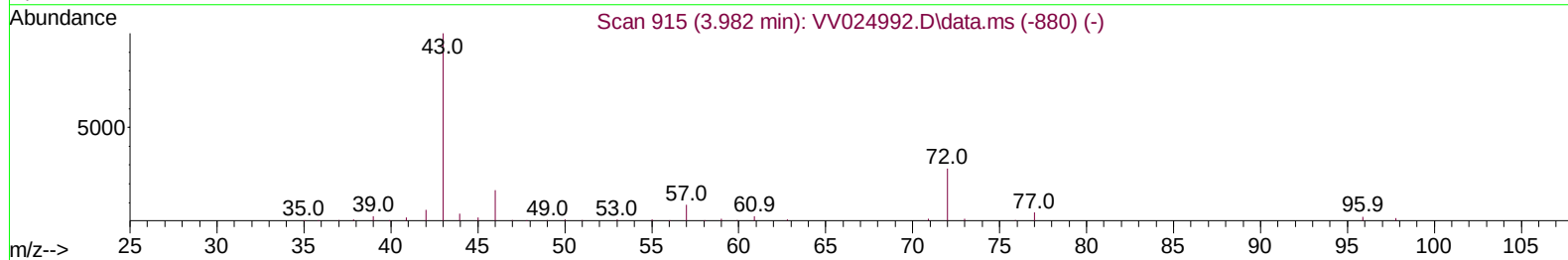
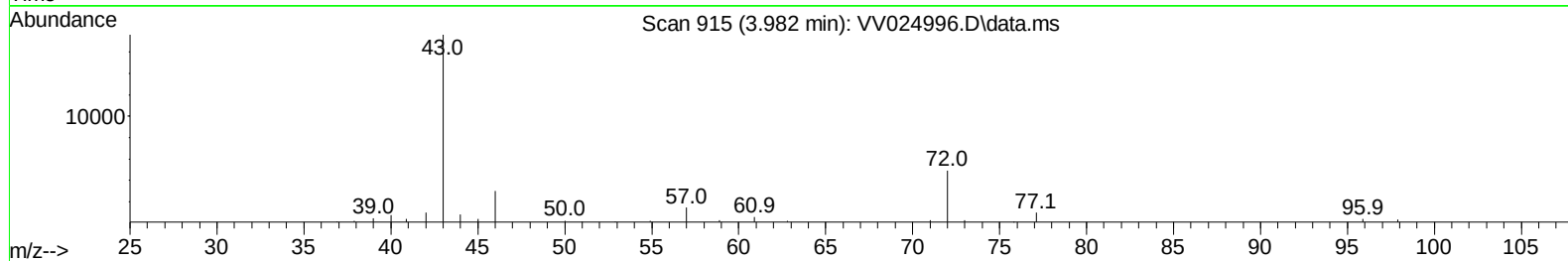
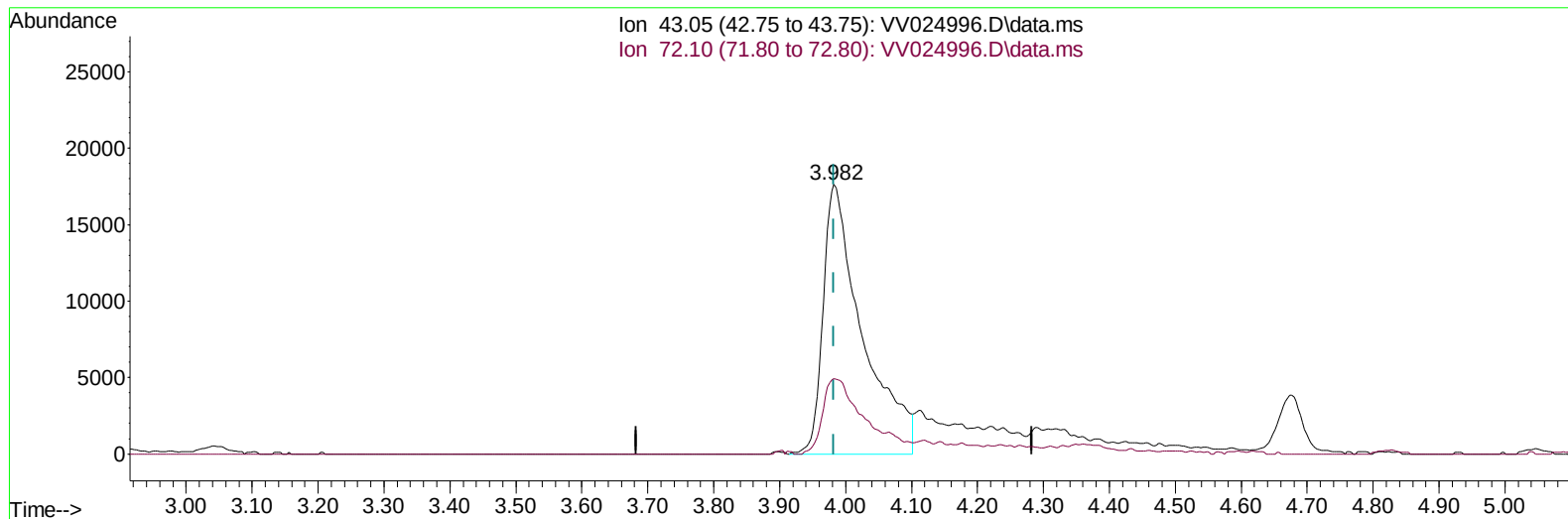
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031522\  
 Data File : VV024996.D  
 Acq On : 15 Mar 2022 14:20  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC005

Manual IntegrationsAPPROVED

Quant Time: Mar 16 03:23:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Mar 16 03:13:23 2022  
 Response via : Initial Calibration

Reviewed By :John Carlone 03/16/2022  
 Supervised By :Mahesh Dadoda 03/16/2022



TIC: VV024996.D\data.ms

**(21) 2-Butanone (T)**

**3.982min (-0.000) 42.33 ug/L**

**response 72745**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 20.80  | 26.80  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

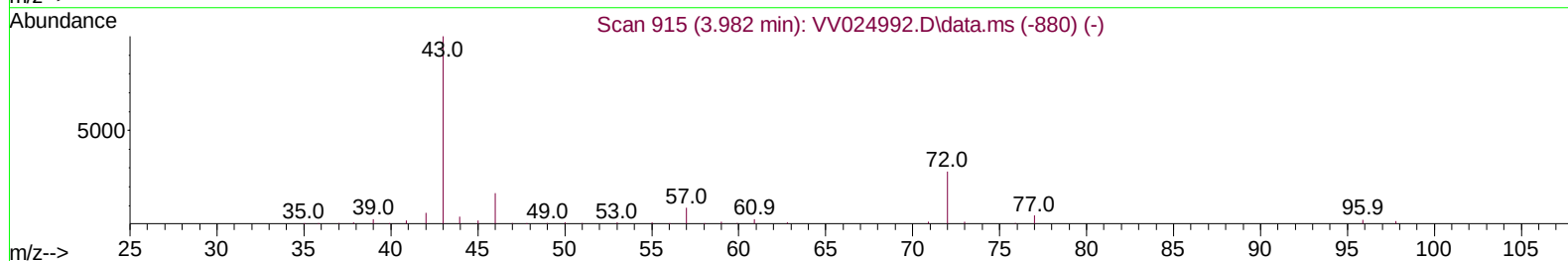
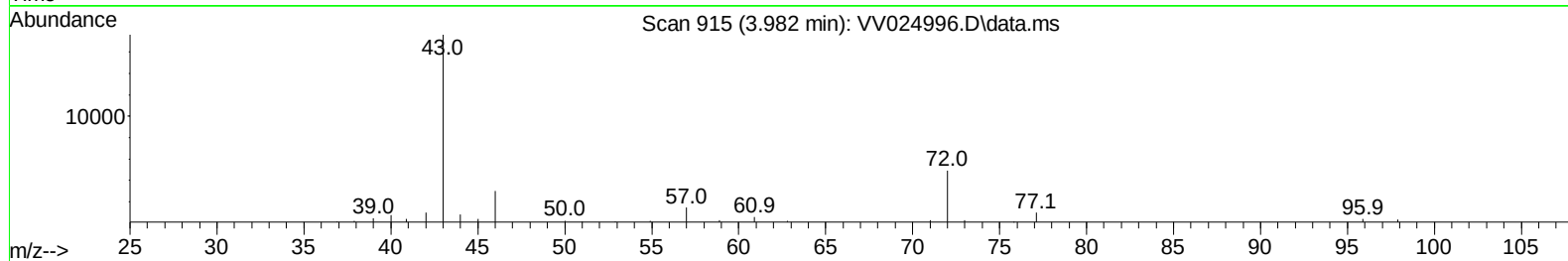
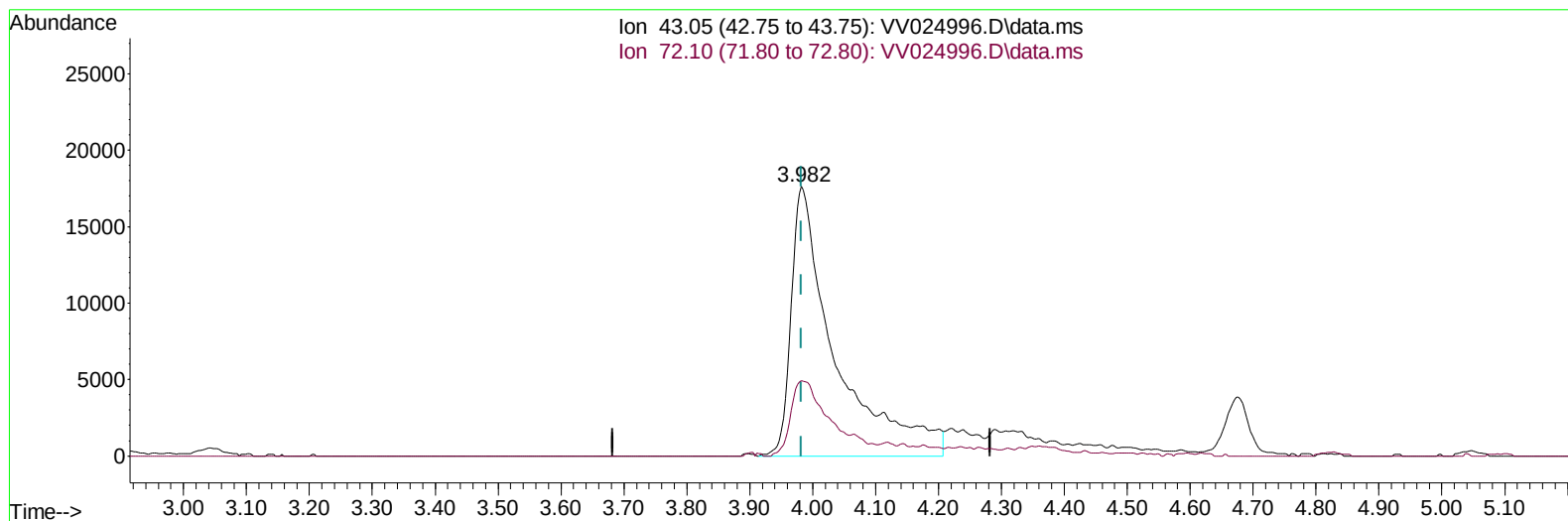
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031522\  
 Data File : VV024996.D  
 Acq On : 15 Mar 2022 14:20  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC005

Manual IntegrationsAPPROVED

Quant Time: Mar 16 03:23:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Mar 16 03:13:23 2022  
 Response via : Initial Calibration

Reviewed By :John Carlone 03/16/2022  
 Supervised By :Mahesh Dadoda 03/16/2022



TIC: VV024996.D\data.ms

**(21) 2-Butanone (T)**

**3.982min (-0.000) 49.95 ug/L m**

**response 85840**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 20.80  | 22.71  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031522\  
 Data File : VV024996.D  
 Acq On : 15 Mar 2022 14:20  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC005

Manual IntegrationsAPPROVED

Quant Time: Mar 16 03:23:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Mar 16 03:13:23 2022  
 Response via : Initial Calibration

Reviewed By :John Carlone 03/16/2022  
 Supervised By :Mahesh Dadoda 03/16/2022

| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.616    | 114   | 170640   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850    | 117   | 159518   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246   | 152   | 75580    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307    | 65    | 67827    | 5.035  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 40 | - 130 | Recovery | =      | 100.600% |          |
| 7) Chloroethane-d5            | 1.568    | 69    | 50740    | 5.143  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 130 | Recovery | =      | 102.800% |          |
| 11) 1,1-Dichloroethene-d2     | 2.111    | 63    | 111018   | 5.099  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 125 | Recovery | =      | 102.000% |          |
| 20) 2-Butanone-d5             | 3.899    | 46    | 83406m   | 51.229 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 40 | - 130 | Recovery | =      | 102.460% |          |
| 24) Chloroform-d              | 4.346    | 84    | 112276   | 5.025  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =      | 100.400% |          |
| 26) 1,2-Dichloroethane-d4     | 5.030    | 65    | 46411    | 4.968  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =      | 99.400%  |          |
| 32) Benzene-d6                | 5.047    | 84    | 234314   | 5.064  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =      | 101.200% |          |
| 36) 1,2-Dichloropropane-d6    | 6.066    | 67    | 66721    | 5.014  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 140 | Recovery | =      | 100.200% |          |
| 41) Toluene-d8                | 7.313    | 98    | 214413   | 5.084  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =      | 101.600% |          |
| 43) trans-1,3-Dichloroprop... | 7.622    | 79    | 23610    | 5.090  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 55 | - 130 | Recovery | =      | 101.800% |          |
| 46) 2-Hexanone-d5             | 8.088    | 63    | 82689    | 52.260 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 45 | - 130 | Recovery | =      | 104.520% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214   | 84    | 41528    | 5.305  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 120 | Recovery | =      | 106.200% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622   | 152   | 65770    | 5.140  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 80 | - 120 | Recovery | =      | 102.800% |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.130    | 85    | 77013    | 5.108  | ug/L     | 97       |
| 3) Chloromethane              | 1.243    | 50    | 68812    | 4.839  | ug/L     | 100      |
| 5) Vinyl chloride             | 1.310    | 62    | 76306    | 5.086  | ug/L     | 99       |
| 6) Bromomethane               | 1.523    | 94    | 48972    | 5.051  | ug/L     | 99       |
| 8) Chloroethane               | 1.587    | 64    | 45323    | 4.982  | ug/L     | 99       |
| 9) Trichlorofluoromethane     | 1.754    | 101   | 101888   | 4.993  | ug/L     | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.117    | 101   | 55794    | 5.043  | ug/L     | 99       |
| 12) 1,1-Dichloroethene        | 2.117    | 96    | 54905    | 5.051  | ug/L     | 92       |
| 13) Acetone                   | 2.188    | 43    | 49209m   | 45.192 | ug/L     |          |
| 14) Carbon disulfide          | 2.294    | 76    | 193474   | 4.974  | ug/L     | 99       |
| 15) Methyl Acetate            | 2.445    | 43    | 15023    | 5.036  | ug/L #   | 89       |
| 16) Methylene chloride        | 2.506    | 84    | 66835    | 5.074  | ug/L     | 97       |
| 17) Methyl tert-butyl Ether   | 2.767    | 73    | 118384   | 5.000  | ug/L     | 99       |
| 18) trans-1,2-Dichloroethene  | 2.760    | 96    | 65266    | 4.989  | ug/L     | 98       |
| 19) 1,1-Dichloroethane        | 3.188    | 63    | 109902   | 4.936  | ug/L     | 100      |
| 21) 2-Butanone                | 3.982    | 43    | 85840m   | 49.948 | ug/L     |          |
| 22) cis-1,2-Dichloroethene    | 3.912    | 96    | 68031    | 5.151  | ug/L     | 99       |
| 23) Bromochloromethane        | 4.249    | 128   | 25530    | 4.903  | ug/L     | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031522\  
 Data File : VV024996.D  
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 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC005

## Manual IntegrationsAPPROVED

Reviewed By :John Carlone 03/16/2022  
 Supervised By :Mahesh Dadoda 03/16/2022

Quant Time: Mar 16 03:23:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Mar 16 03:13:23 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 25) Chloroform                | 4.371  | 83   | 115877   | 4.999  | ug/L  | 98       |
| 27) 1,2-Dichloroethane        | 5.130  | 62   | 57158    | 4.959  | ug/L  | 99       |
| 29) 1,1,1-Trichloroethane     | 4.606  | 97   | 102123   | 5.020  | ug/L  | 100      |
| 30) Cyclohexane               | 4.674  | 56   | 99229    | 5.013  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 4.825  | 117  | 86662    | 4.965  | ug/L  | 99       |
| 33) Benzene                   | 5.098  | 78   | 259236   | 4.996  | ug/L  | 100      |
| 34) Trichloroethene           | 5.911  | 95   | 69568    | 5.036  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.127  | 83   | 109178   | 4.992  | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 6.172  | 63   | 60004    | 5.032  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.506  | 83   | 74126    | 4.916  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.024  | 75   | 83528    | 5.045  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 7.223  | 43   | 252658   | 51.498 | ug/L  | 96       |
| 42) Toluene                   | 7.384  | 91   | 276939   | 5.100  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.648  | 75   | 65847    | 5.055  | ug/L  | 97       |
| 45) 1,1,2-Trichloroethane     | 7.837  | 97   | 39765    | 4.993  | ug/L  | 99       |
| 47) Tetrachloroethene         | 7.972  | 164  | 47672    | 4.905  | ug/L  | 97       |
| 48) 2-Hexanone                | 8.136  | 43   | 173307   | 49.826 | ug/L  | 97       |
| 49) Dibromochloromethane      | 8.243  | 129  | 45305    | 5.082  | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 36743    | 5.041  | ug/L  | 99       |
| 51) Chlorobenzene             | 8.879  | 112  | 170596   | 5.017  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.011  | 91   | 290875   | 5.064  | ug/L  | 98       |
| 53) m,p-xylene                | 9.136  | 106  | 112066   | 5.066  | ug/L  | 100      |
| 54) o-xylene                  | 9.541  | 106  | 108661   | 5.137  | ug/L  | 96       |
| 55) Styrene                   | 9.558  | 104  | 180889   | 5.251  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 41201    | 5.277  | ug/L  | 99       |
| 59) Bromoform                 | 9.731  | 173  | 19913    | 4.892  | ug/L  | 97       |
| 60) Isopropylbenzene          | 9.927  | 105  | 291746   | 5.119  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.271 | 75   | 31521    | 4.959  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 132757   | 5.133  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.911 | 105  | 241196   | 5.266  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.178 | 146  | 124465   | 5.034  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 121714   | 4.883  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 111518   | 5.090  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 5296     | 4.860  | ug/L  | 96       |
| 69) 1,3,5-Trichlorobenzene    | 12.641 | 180  | 86672    | 4.963  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.258 | 180  | 67900    | 4.990  | ug/L  | 98       |
| 71) Naphthalene               | 13.500 | 128  | 116308   | 5.147  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 59250    | 5.139  | ug/L  | 98       |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031522\  
 Data File : VV024996.D  
 Acq On : 15 Mar 2022 14:20  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 3

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC005

Manual IntegrationsAPPROVED

Quant Time: Mar 16 03:23:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Mar 16 03:13:23 2022  
 Response via : Initial Calibration

Reviewed By :John Carlone 03/16/2022  
 Supervised By :Mahesh Dadoda 03/16/2022

