

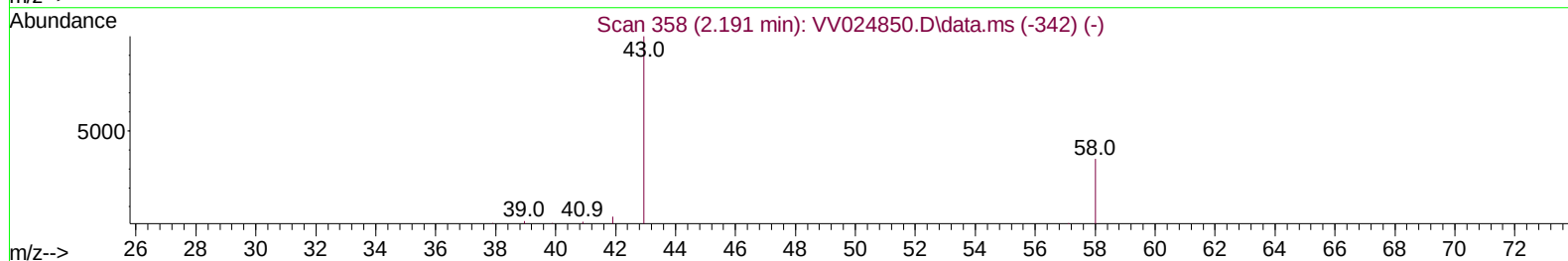
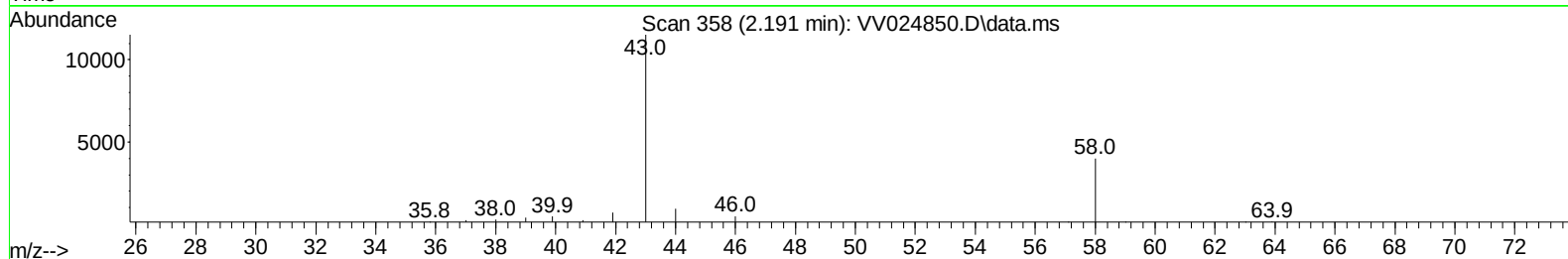
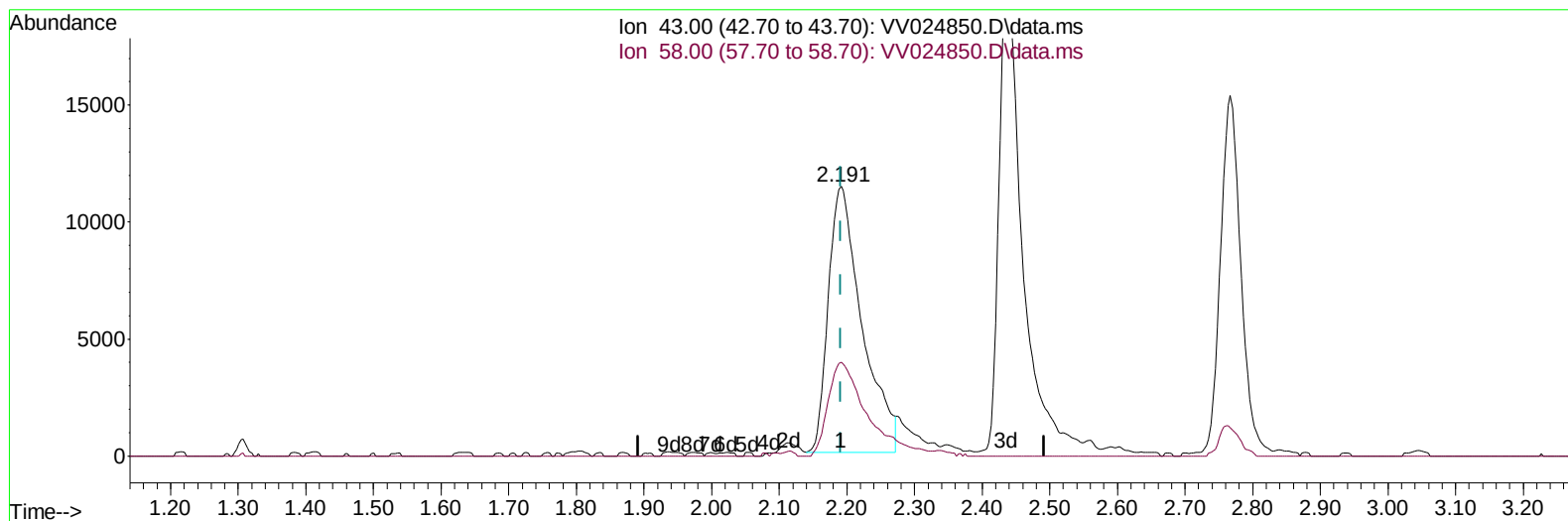
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV030222\  
 Data File : VV024850.D  
 Acq On : 02 Mar 2022 12:10  
 Operator : SY/MD  
 Sample : VSTD02503  
 Misc : 5.00g/10mL/MSVOA\_V/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD025203

Manual IntegrationsAPPROVED

Quant Time: Mar 03 01:35:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM030222SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 03 01:27:26 2022  
 Response via : Initial Calibration

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



TIC: VV024850.D\data.ms

(13) Acetone (T)

2.191min ( 0.000) 37.93 ug/L

response 39321

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 35.00  | 39.98  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

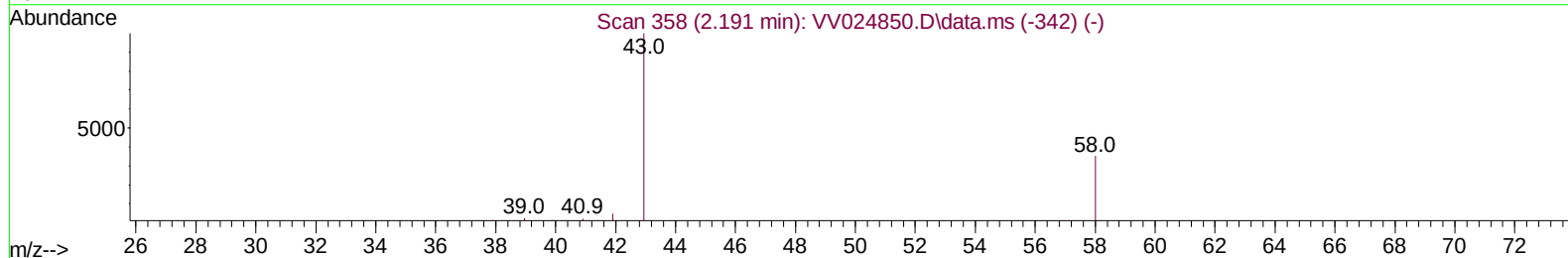
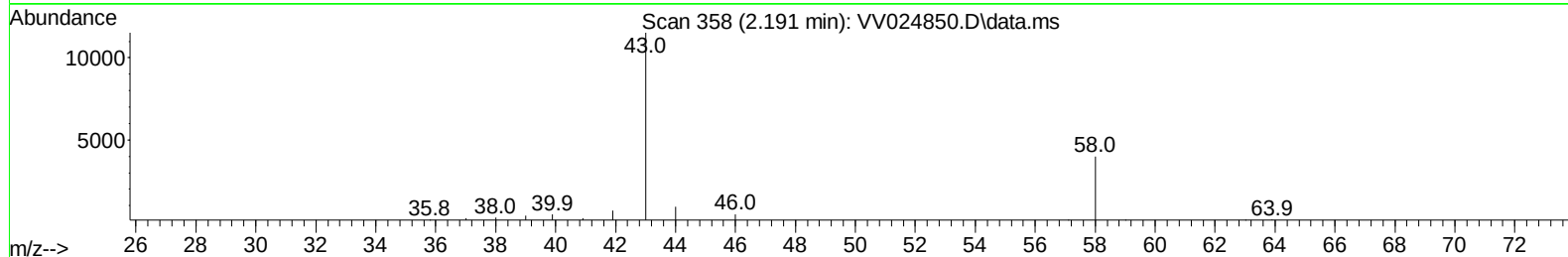
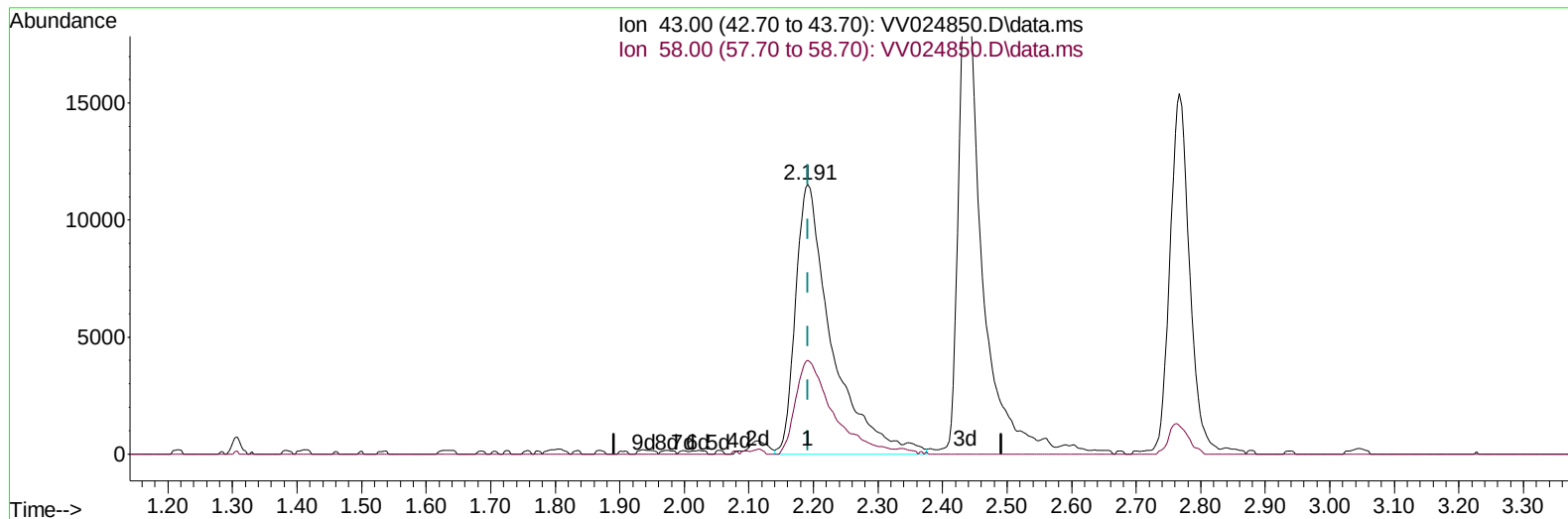
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV030222\  
 Data File : VV024850.D  
 Acq On : 02 Mar 2022 12:10  
 Operator : SY/MD  
 Sample : VSTD02503  
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD025203

Manual IntegrationsAPPROVED

Quant Time: Mar 03 01:35:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM030222SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 03 01:27:26 2022  
 Response via : Initial Calibration

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TIC: VV024850.D\data.ms

(13) Acetone (T)

2.191min ( 0.000) 43.36 ug/L m

response 44949

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 35.00  | 34.97  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

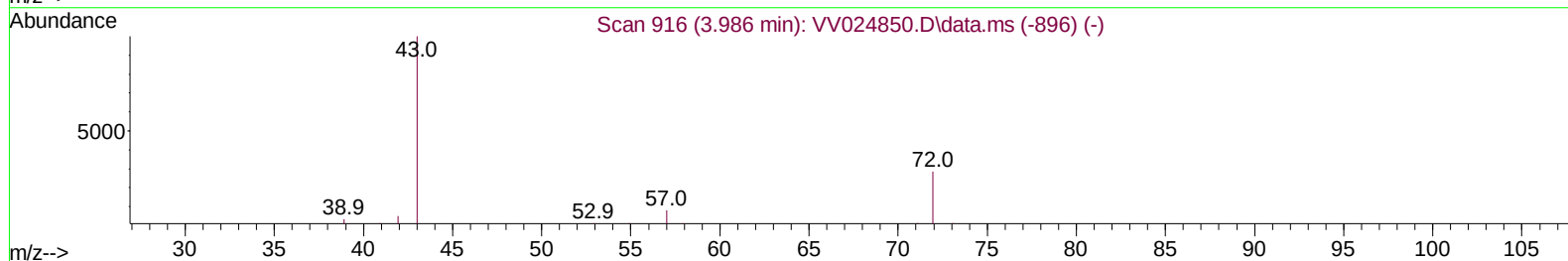
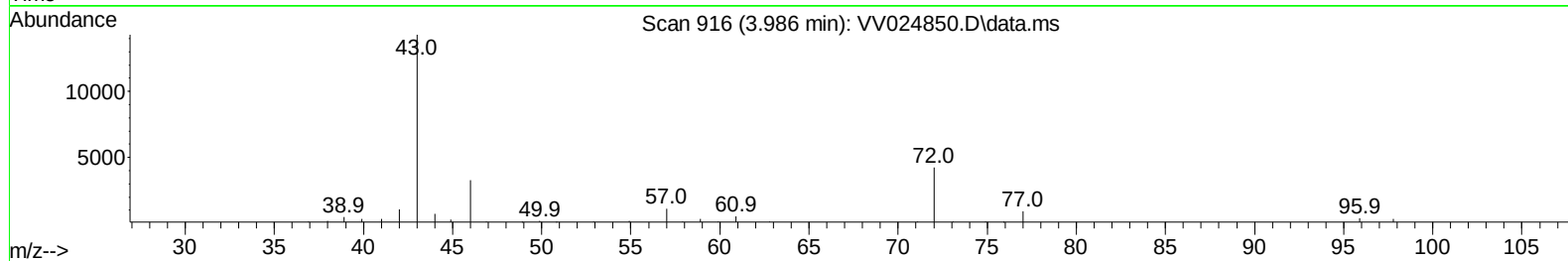
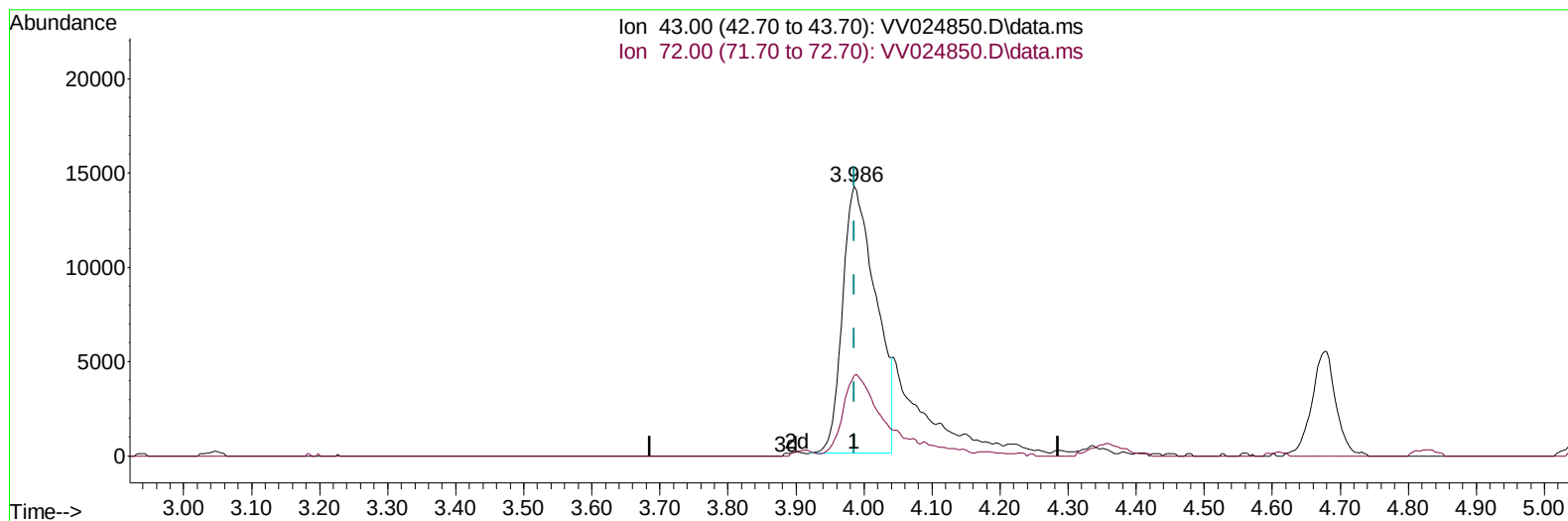
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV030222\  
Data File : VV024850.D  
Acq On : 02 Mar 2022 12:10  
Operator : SY/MD  
Sample : VSTD02503  
Misc : 5.00g/10mL/MSVOA\_V/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD025203

Manual IntegrationsAPPROVED

Quant Time: Mar 03 01:35:50 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM030222SMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Mar 03 01:27:26 2022  
Response via : Initial Calibration

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



TIC: VV024850.D\data.ms

(22) 2-Butanone (T)

3.986min ( 0.000) 44.52 ug/L

response 48161

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 23.40  | 29.49  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

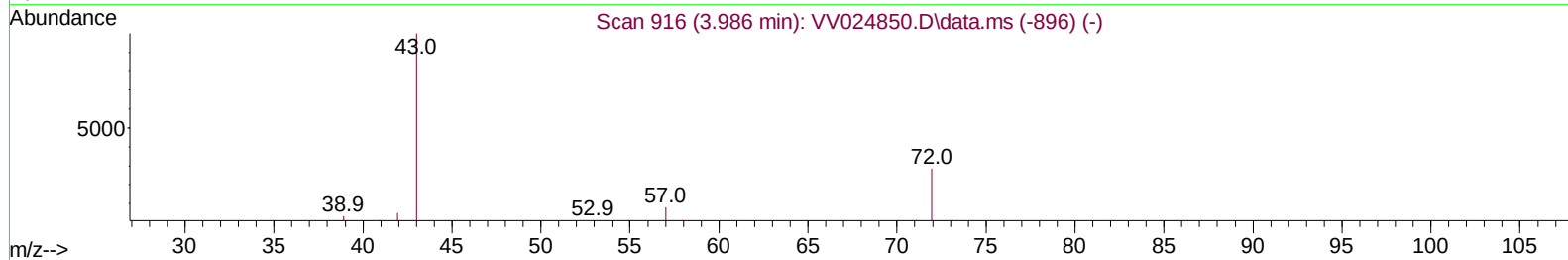
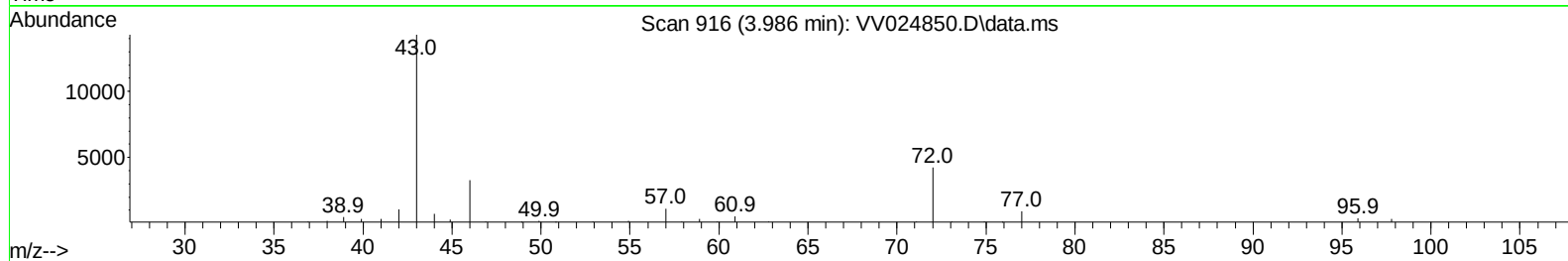
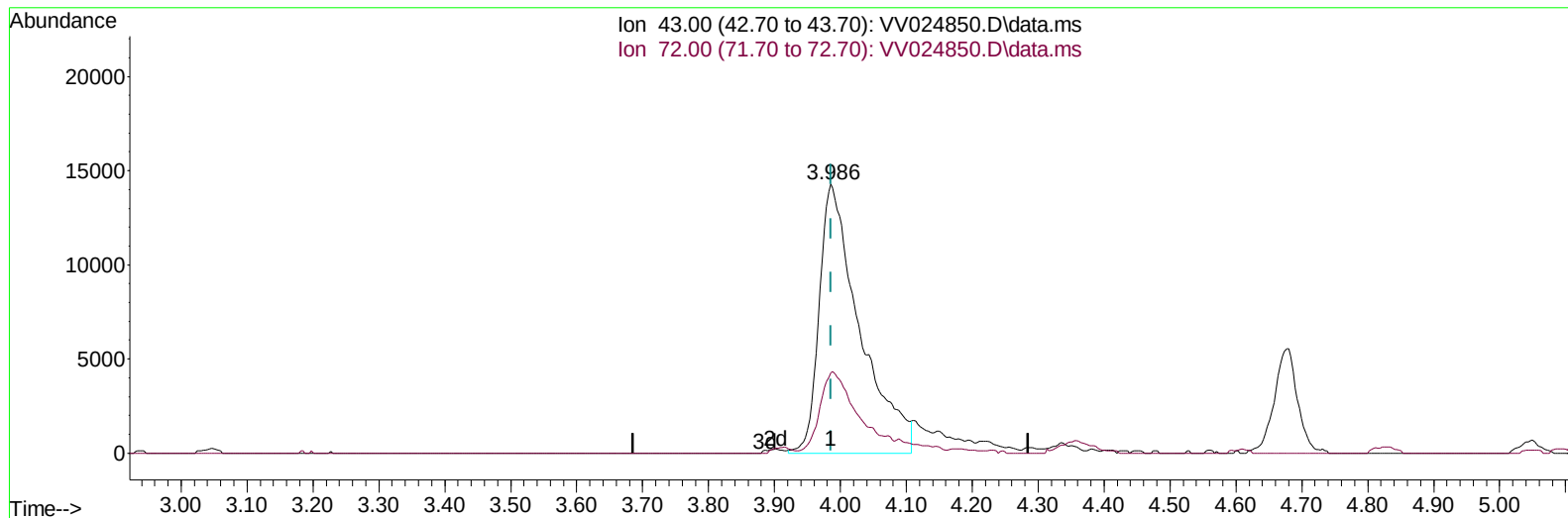
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV030222\  
Data File : VV024850.D  
Acq On : 02 Mar 2022 12:10  
Operator : SY/MD  
Sample : VSTD02503  
Misc : 5.00g/10mL/MSVOA\_V/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD025203

Manual IntegrationsAPPROVED

Quant Time: Mar 03 01:35:50 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM030222SMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Mar 03 01:27:26 2022  
Response via : Initial Calibration

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



TIC: VV024850.D\data.ms

(22) 2-Butanone (T)

3.986min ( 0.000) 56.15 ug/L m

response 60740

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 23.40  | 23.38  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV030222\  
 Data File : VV024850.D  
 Acq On : 02 Mar 2022 12:10  
 Operator : SY/MD  
 Sample : VSTD02503  
 Misc : 5.00g/10mL/MSVOA\_V/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD025203

Manual IntegrationsAPPROVED

Quant Time: Mar 03 01:35:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM030222SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 03 01:27:26 2022  
 Response via : Initial Calibration

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

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114  | 256579   | 25.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117  | 239990   | 25.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152  | 119736   | 25.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65   | 136628   | 38.539 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.564  | 69   | 99509    | 35.508 | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63   | 201242   | 30.325 | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 3.899  | 46   | 82035    | 78.947 | ug/L   | 0.00     |
| 24) Chloroform-d              | 4.346  | 84   | 202909   | 28.669 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65   | 109533   | 28.180 | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.047  | 84   | 427951   | 32.298 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67   | 125292   | 32.246 | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.313  | 98   | 386855   | 31.235 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.619  | 79   | 54191    | 31.076 | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 8.088  | 63   | 61032    | 80.653 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84   | 113455   | 33.295 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152  | 126424   | 28.043 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.127  | 85   | 91862    | 19.108 | ug/L   | 100      |
| 3) Chloromethane              | 1.240  | 50   | 89715    | 20.702 | ug/L   | 100      |
| 5) Vinyl chloride             | 1.310  | 62   | 96491    | 22.965 | ug/L   | 100      |
| 6) Bromomethane               | 1.519  | 94   | 58075    | 20.851 | ug/L   | 100      |
| 8) Chloroethane               | 1.584  | 64   | 57984    | 22.591 | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 1.751  | 101  | 126138   | 19.562 | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.114  | 101  | 77098    | 22.502 | ug/L   | 100      |
| 12) 1,1-Dichloroethene        | 2.114  | 96   | 70779    | 22.127 | ug/L   | 100      |
| 13) Acetone                   | 2.191  | 43   | 44949m   | 43.358 | ug/L   |          |
| 14) Carbon disulfide          | 2.291  | 76   | 251230   | 21.889 | ug/L   | 100      |
| 15) Methyl Acetate            | 2.436  | 43   | 47692    | 30.134 | ug/L   | 100      |
| 16) Methylene chloride        | 2.503  | 84   | 81157    | 16.858 | ug/L   | 100      |
| 17) trans-1,2-Dichloroethene  | 2.757  | 96   | 80481    | 21.116 | ug/L   | 100      |
| 18) Methyl tert-butyl Ether   | 2.767  | 73   | 191506   | 22.128 | ug/L   | 100      |
| 19) 1,1-Dichloroethane        | 3.188  | 63   | 139122   | 22.158 | ug/L   | 100      |
| 20) cis-1,2-Dichloroethene    | 3.908  | 96   | 82305    | 21.238 | ug/L   | 100      |
| 22) 2-Butanone                | 3.986  | 43   | 60740m   | 56.145 | ug/L   |          |
| 23) Bromochloromethane        | 4.246  | 128  | 37700    | 19.548 | ug/L   | 100      |
| 25) Chloroform                | 4.375  | 83   | 142616   | 20.874 | ug/L   | 100      |
| 27) 1,2-Dichloroethane        | 5.127  | 62   | 88164    | 20.133 | ug/L   | 100      |
| 29) Cyclohexane               | 4.674  | 56   | 133890   | 25.097 | ug/L   | 100      |
| 30) 1,1,1-Trichloroethane     | 4.606  | 97   | 125286   | 21.220 | ug/L   | 100      |
| 31) Carbon tetrachloride      | 4.825  | 117  | 107547   | 20.388 | ug/L   | 100      |
| 33) Benzene                   | 5.098  | 78   | 321360   | 23.148 | ug/L   | 100      |
| 34) Trichloroethene           | 5.912  | 95   | 91618    | 23.819 | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.127  | 83   | 149893   | 24.805 | ug/L   | 100      |
| 37) 1,2-Dichloropropane       | 6.172  | 63   | 78082    | 24.100 | ug/L   | 100      |
| 38) Bromodichloromethane      | 6.506  | 83   | 100113   | 21.587 | ug/L   | 100      |
| 39) cis-1,3-Dichloropropene   | 7.024  | 75   | 115458   | 22.615 | ug/L   | 100      |
| 40) 4-Methyl-2-pentanone      | 7.227  | 43   | 126501   | 59.950 | ug/L   | 100      |
| 42) Toluene                   | 7.387  | 91   | 338093   | 22.536 | ug/L   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV030222\  
 Data File : VV024850.D  
 Acq On : 02 Mar 2022 12:10  
 Operator : SY/MD  
 Sample : VSTD02503  
 Misc : 5.00g/10mL/MSVOA\_V/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD025203

## Manual IntegrationsAPPROVED

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

Quant Time: Mar 03 01:35:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM030222SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 03 01:27:26 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) trans-1,3-Dichloropropene | 7.648  | 75   | 104255   | 22.436 | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane     | 7.837  | 97   | 66203    | 23.468 | ug/L  | 100      |
| 46) Tetrachloroethene         | 7.973  | 164  | 58909    | 18.110 | ug/L  | 100      |
| 48) 2-Hexanone                | 8.140  | 43   | 95269    | 61.247 | ug/L  | 100      |
| 49) Dibromochloromethane      | 8.243  | 129  | 68578    | 19.575 | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 66994    | 24.034 | ug/L  | 100      |
| 51) Chlorobenzene             | 8.879  | 112  | 209714   | 20.607 | ug/L  | 100      |
| 52) Ethylbenzene              | 9.011  | 91   | 363402   | 22.480 | ug/L  | 100      |
| 53) m,p-Xylene                | 9.136  | 106  | 139767   | 21.964 | ug/L  | 100      |
| 54) o-Xylene                  | 9.542  | 106  | 132444   | 21.946 | ug/L  | 100      |
| 55) Styrene                   | 9.558  | 104  | 227487   | 21.925 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 76218    | 23.969 | ug/L  | 100      |
| 59) Bromoform                 | 9.728  | 173  | 37331    | 19.809 | ug/L  | 100      |
| 60) Isopropylbenzene          | 9.927  | 105  | 362226   | 24.792 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.271 | 75   | 68003    | 30.217 | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 245784   | 20.191 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.911 | 105  | 300435   | 24.043 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.178 | 146  | 158823   | 21.047 | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.268 | 146  | 158198   | 20.603 | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 147412   | 21.284 | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 14651    | 27.439 | ug/L  | 100      |
| 69) 1,3,5-Trichlorobenzene    | 12.641 | 180  | 110821   | 18.972 | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.258 | 180  | 95996    | 19.935 | ug/L  | 100      |
| 71) Naphthalene               | 13.500 | 128  | 253927   | 27.642 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 90105    | 20.681 | ug/L  | 100      |

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

## Manual IntegrationsAPPROVED

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Supervised By :Mahesh Dadoda 03/03/2022

