

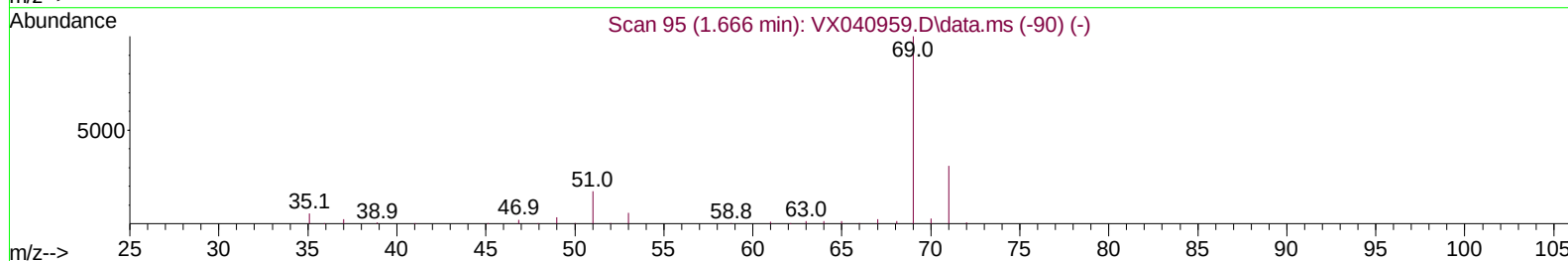
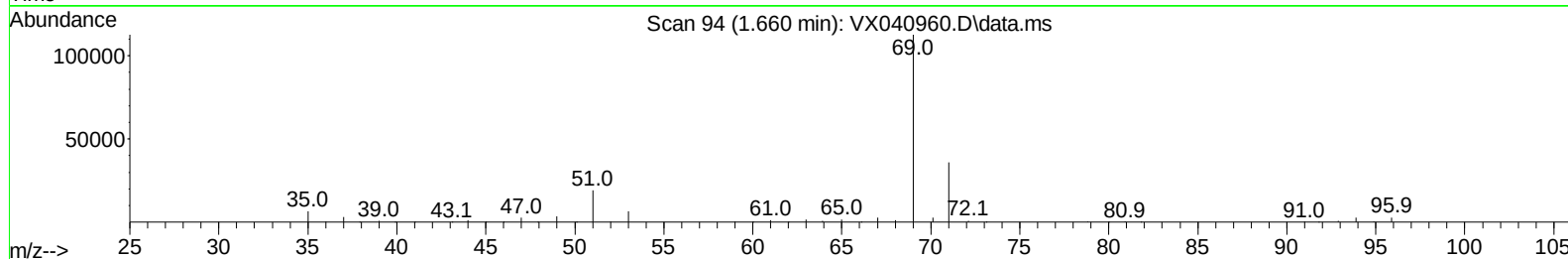
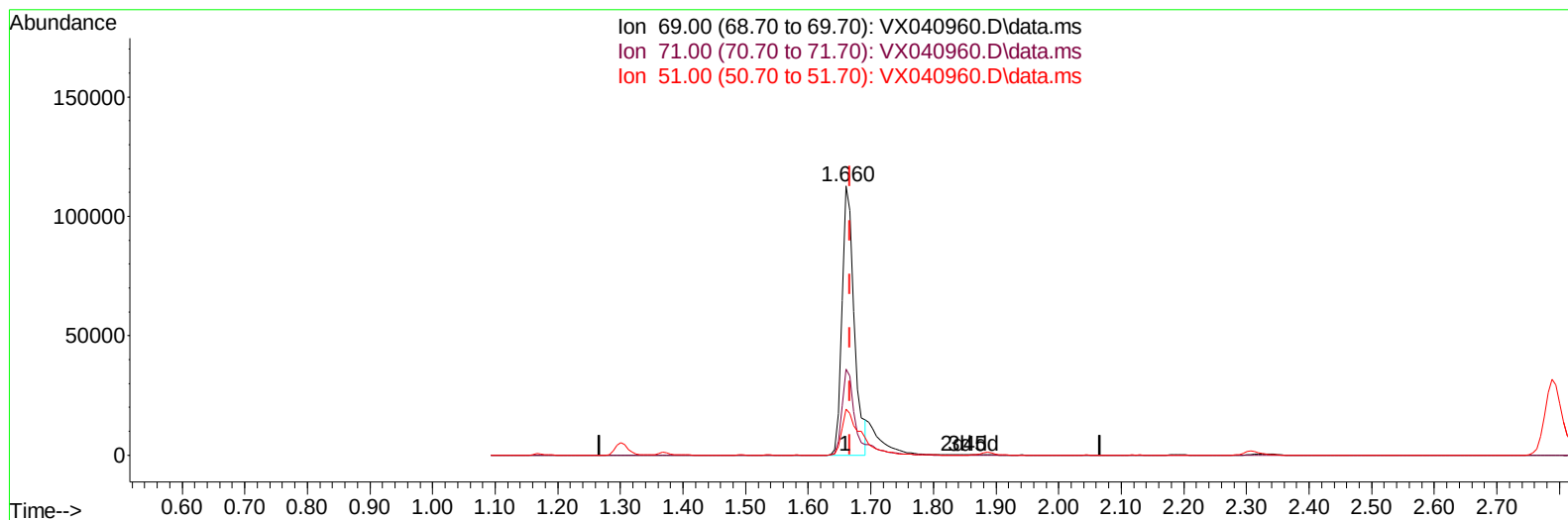
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041024\  
Data File : VX040960.D  
Acq On : 10 Apr 2024 17:15  
Operator : JC/MD  
Sample : VSTD10071  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD100671

Manual IntegrationsAPPROVED

Quant Time: Apr 11 05:28:03 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041024WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Apr 11 05:26:00 2024  
Response via : Initial Calibration

Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



TIC: VX040960.D\data.ms

(7) Chloroethane-d5 (S)

1.660min (-0.006) 90.86 ug/L

response 152593

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.00 | 100.00 | 100.00 |
| 71.00 | 32.00  | 36.65  |
| 51.00 | 23.30  | 26.80  |
| 0.00  | 0.00   | 0.00   |

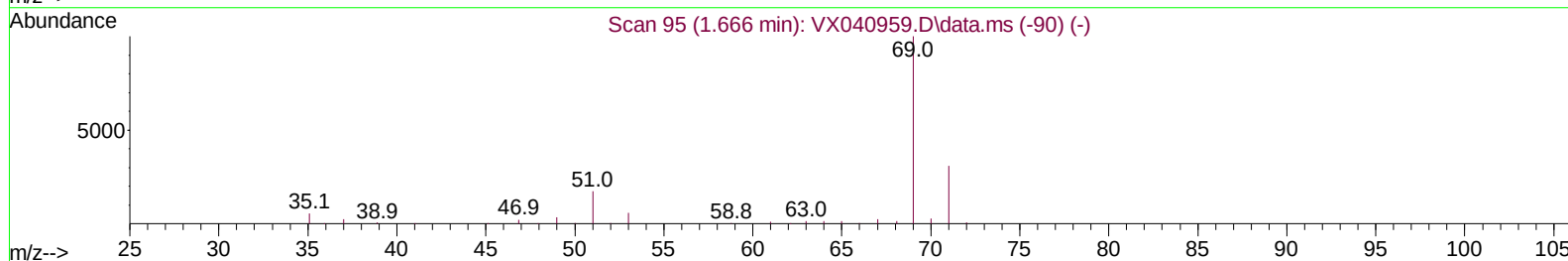
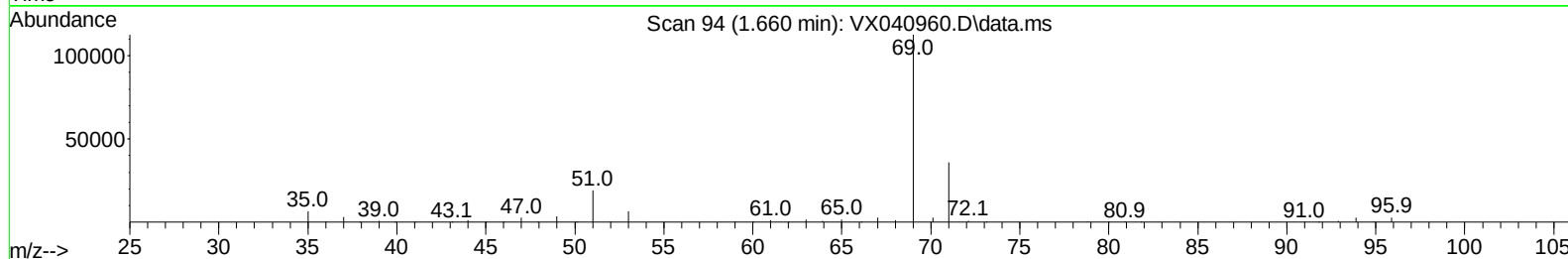
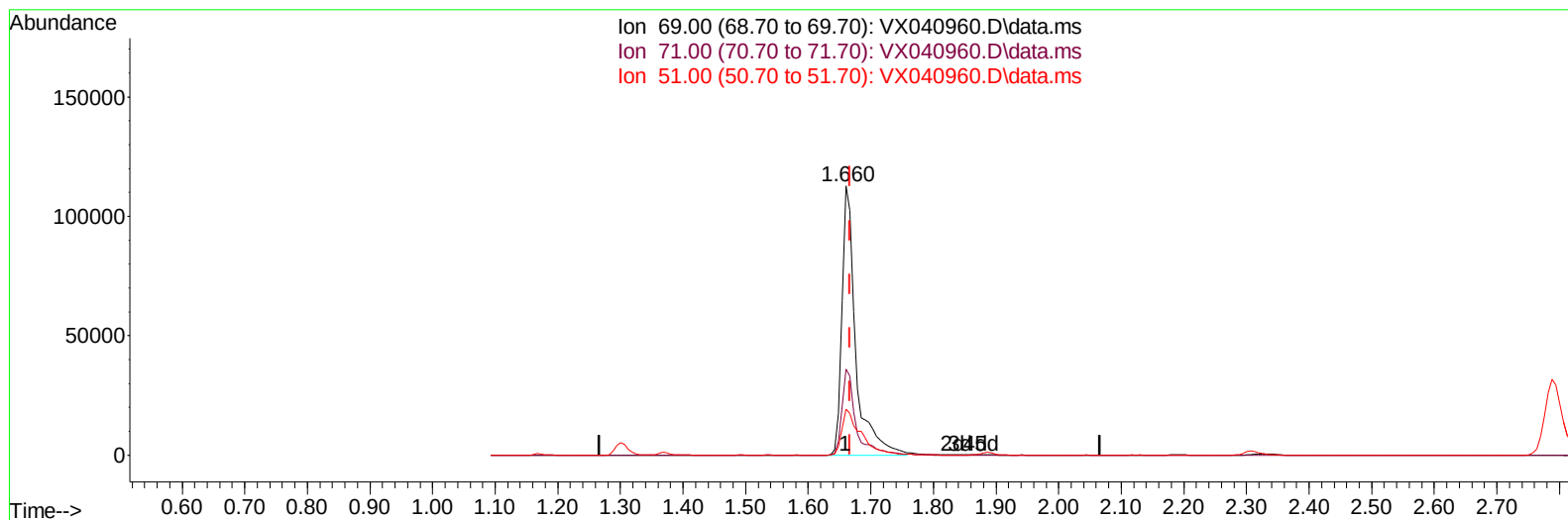
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041024\  
Data File : VX040960.D  
Acq On : 10 Apr 2024 17:15  
Operator : JC/MD  
Sample : VSTD10071  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTD100671

Manual IntegrationsAPPROVED

Quant Time: Apr 11 05:28:03 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041024WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Apr 11 05:26:00 2024  
Response via : Initial Calibration

Reviewed By :John Carlone 04/11/2024  
Supervised By :Mahesh Dadoda 04/11/2024



TIC: VX040960.D\data.ms

(7) Chloroethane-d5 (S)

1.660min (-0.006) 103.50 ug/L m

response 173829

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.00 | 100.00 | 100.00 |
| 71.00 | 32.00  | 32.17  |
| 51.00 | 23.30  | 23.53  |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041024\  
 Data File : VX040960.D  
 Acq On : 10 Apr 2024 17:15  
 Operator : JC/MD  
 Sample : VSTD10071  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD100671

Manual IntegrationsAPPROVED

Quant Time: Apr 11 05:28:03 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041024WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 11 05:26:00 2024  
 Response via : Initial Calibration

Reviewed By :John Carlone 04/11/2024  
 Supervised By :Mahesh Dadoda 04/11/2024

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.763  | 114  | 289163   | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055 | 117  | 275769   | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.018 | 152  | 163121   | 50.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 4) Vinyl Chloride-d3          | 1.368  | 65   | 208629   | 101.437 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.660  | 69   | 173829m  | 103.501 | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.306  | 65   | 89841    | 102.313 | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 4.452  | 46   | 214873   | 191.792 | ug/L   | 0.00     |
| 24) Chloroform-d              | 5.056  | 84   | 392373   | 102.245 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.952  | 65   | 246008   | 98.551  | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.970  | 84   | 758996   | 101.380 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 7.306  | 67   | 222349   | 101.832 | ug/L   | 0.00     |
| 41) Toluene-d8                | 8.647  | 98   | 736767   | 100.732 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.946  | 79   | 118574   | 107.912 | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 9.384  | 63   | 200722   | 217.358 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189 | 84   | 335583   | 103.753 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.317 | 152  | 335687   | 102.588 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.166  | 85   | 200379   | 105.236 | ug/L   | 99       |
| 3) Chloromethane              | 1.301  | 50   | 192470   | 106.484 | ug/L   | 98       |
| 5) Vinyl chloride             | 1.374  | 62   | 224432   | 103.328 | ug/L   | 98       |
| 6) Bromomethane               | 1.599  | 94   | 139368   | 106.127 | ug/L   | 98       |
| 8) Chloroethane               | 1.685  | 64   | 143831   | 106.423 | ug/L   | 96       |
| 9) Trichlorofluoromethane     | 1.886  | 101  | 356079   | 104.053 | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.331  | 101  | 203287   | 103.945 | ug/L   | 100      |
| 12) 1,1-Dichloroethene        | 2.319  | 96   | 181040   | 104.226 | ug/L   | 96       |
| 13) Acetone                   | 2.380  | 43   | 232436   | 191.415 | ug/L   | 99       |
| 14) Carbon disulfide          | 2.514  | 76   | 463460   | 106.174 | ug/L   | 100      |
| 15) Methyl Acetate            | 2.703  | 43   | 216381   | 102.645 | ug/L   | 99       |
| 16) Methylene chloride        | 2.788  | 84   | 191327   | 105.680 | ug/L   | 97       |
| 17) trans-1,2-Dichloroethene  | 3.093  | 96   | 186634   | 103.801 | ug/L   | 100      |
| 18) Methyl tert-butyl Ether   | 3.111  | 73   | 603060   | 106.857 | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 3.611  | 63   | 332548   | 104.132 | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 4.489  | 96   | 215853   | 105.373 | ug/L   | 98       |
| 22) 2-Butanone                | 4.550  | 43   | 338140   | 212.733 | ug/L   | 98       |
| 23) Bromochloromethane        | 4.904  | 128  | 116684   | 104.777 | ug/L   | 96       |
| 25) Chloroform                | 5.093  | 83   | 364893   | 104.259 | ug/L   | 100      |
| 27) 1,2-Dichloroethane        | 6.086  | 62   | 290817   | 103.382 | ug/L   | 99       |
| 29) Cyclohexane               | 5.471  | 56   | 296459   | 107.309 | ug/L   | 99       |
| 30) 1,1,1-Trichloroethane     | 5.385  | 97   | 326038   | 105.500 | ug/L   | 100      |
| 31) Carbon tetrachloride      | 5.678  | 117  | 300991   | 106.877 | ug/L   | 100      |
| 33) Benzene                   | 6.038  | 78   | 742156   | 103.728 | ug/L   | 100      |
| 34) Trichloroethene           | 7.123  | 95   | 213134   | 103.843 | ug/L   | 99       |
| 35) Methylcyclohexane         | 7.379  | 83   | 310296   | 106.601 | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 7.428  | 63   | 193376   | 104.415 | ug/L   | 100      |
| 38) Bromodichloromethane      | 7.818  | 83   | 274455   | 105.711 | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 8.366  | 75   | 331014   | 109.398 | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 8.574  | 43   | 611676   | 218.085 | ug/L   | 99       |
| 42) Toluene                   | 8.720  | 91   | 827660   | 104.456 | ug/L   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041024\  
 Data File : VX040960.D  
 Acq On : 10 Apr 2024 17:15  
 Operator : JC/MD  
 Sample : VSTD10071  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD100671

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 04/11/2024  
 Supervised By :Mahesh Dadoda 04/11/2024

Quant Time: Apr 11 05:28:03 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041024WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 11 05:26:00 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) trans-1,3-Dichloropropene | 8.976  | 75   | 313503   | 110.869 | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane     | 9.153  | 97   | 211556   | 105.165 | ug/L  | 98       |
| 46) Tetrachloroethene         | 9.275  | 164  | 202373   | 104.690 | ug/L  | 97       |
| 48) 2-Hexanone                | 9.427  | 43   | 486887   | 214.874 | ug/L  | 98       |
| 49) Dibromochloromethane      | 9.519  | 129  | 248408   | 109.487 | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 9.610  | 107  | 229757   | 105.873 | ug/L  | 98       |
| 51) Chlorobenzene             | 10.079 | 112  | 579695   | 104.396 | ug/L  | 99       |
| 52) Ethylbenzene              | 10.189 | 91   | 959978   | 106.781 | ug/L  | 98       |
| 53) m,p-Xylene                | 10.299 | 106  | 384257   | 107.197 | ug/L  | 97       |
| 54) o-Xylene                  | 10.640 | 106  | 372789   | 107.840 | ug/L  | 99       |
| 55) Styrene                   | 10.653 | 104  | 651881   | 109.686 | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 333545   | 107.019 | ug/L  | 99       |
| 59) Bromoform                 | 10.799 | 173  | 219349   | 109.569 | ug/L  | 100      |
| 60) Isopropylbenzene          | 10.963 | 105  | 1003184  | 105.196 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 11.238 | 75   | 258517   | 103.788 | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 836323   | 108.784 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 840672   | 108.635 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.969 | 146  | 531120   | 106.141 | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 12.036 | 146  | 536599   | 104.460 | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 12.335 | 146  | 513933   | 105.875 | ug/L  | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 12.939 | 75   | 78434    | 110.109 | ug/L  | 100      |
| 69) 1,3,5-Trichlorobenzene    | 13.109 | 180  | 407192   | 106.257 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.585 | 180  | 395244   | 108.838 | ug/L  | 99       |
| 71) Naphthalene               | 13.774 | 128  | 1122932  | 112.838 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 378964   | 106.404 | ug/L  | 99       |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041024\  
 Data File : VX040960.D  
 Acq On : 10 Apr 2024 17:15  
 Operator : JC/MD  
 Sample : VSTD10071  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD100671

Manual IntegrationsAPPROVED

Quant Time: Apr 11 05:28:03 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041024WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 11 05:26:00 2024  
 Response via : Initial Calibration

Reviewed By :John Carlone 04/11/2024  
 Supervised By :Mahesh Dadoda 04/11/2024

