

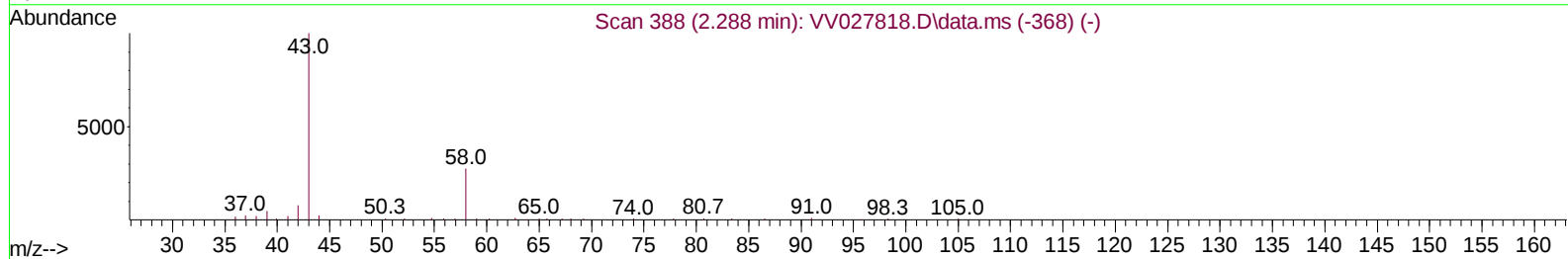
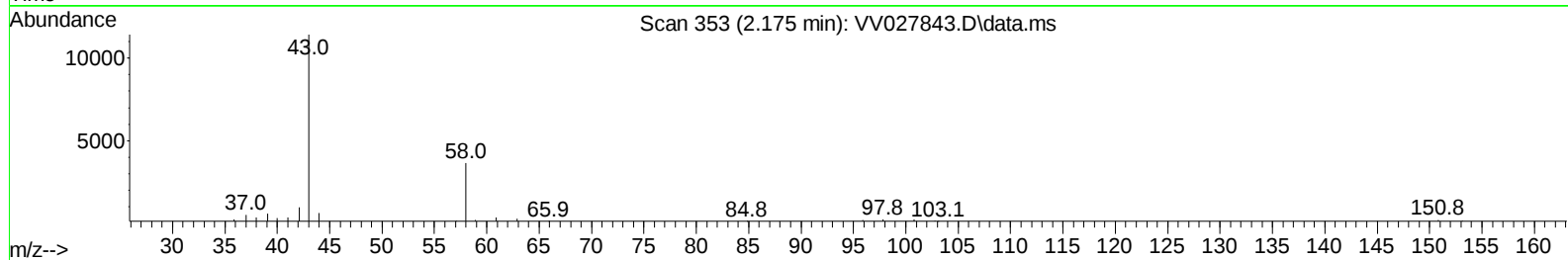
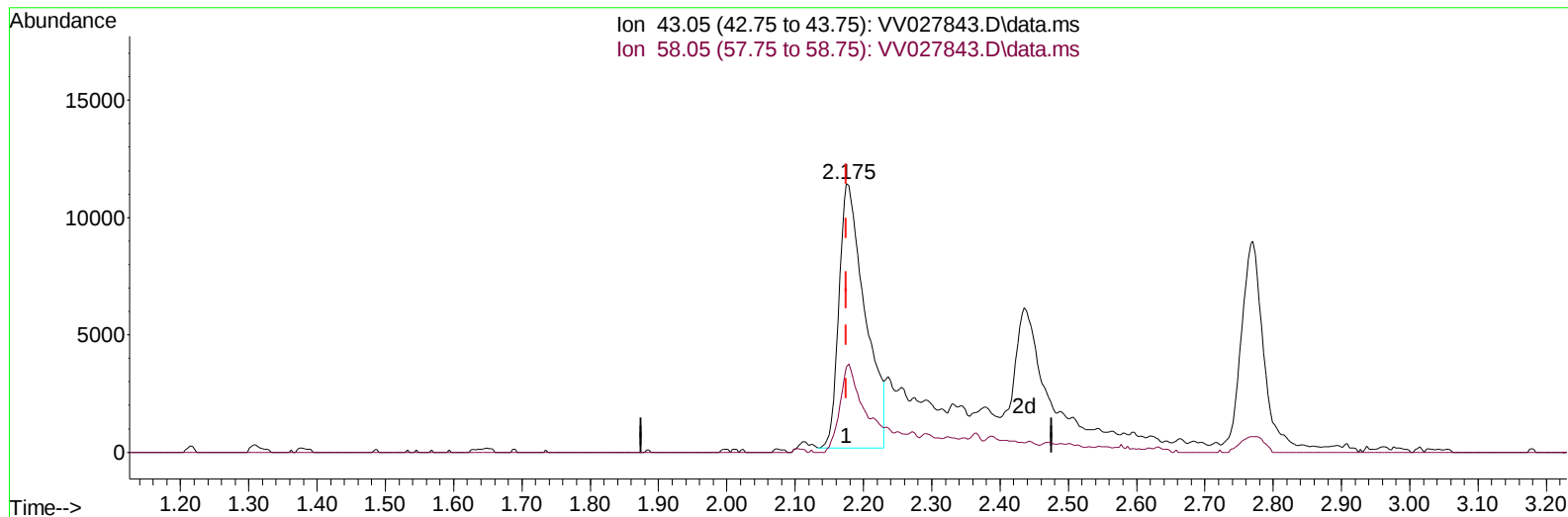
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV091422\  
Data File : VV027843.D  
Acq On : 14 Sep 2022 21:15  
Operator : SY/MD  
Sample : VSTDCCC005EC  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
LabSampleId :  
VSTDCCC005EC

Manual IntegrationsAPPROVED

Quant Time: Sep 15 02:55:18 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR090622WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Sep 15 02:47:38 2022  
Response via : Initial Calibration

Reviewed By :Krupa Patel 09/15/2022  
Supervised By :Mahesh Dadoda 09/15/2022



TIC: VV027843.D\data.ms

(13) Acetone (T)

2.175min (-0.000) 21.26 ug/L

response 30061

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 24.70  | 34.66  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

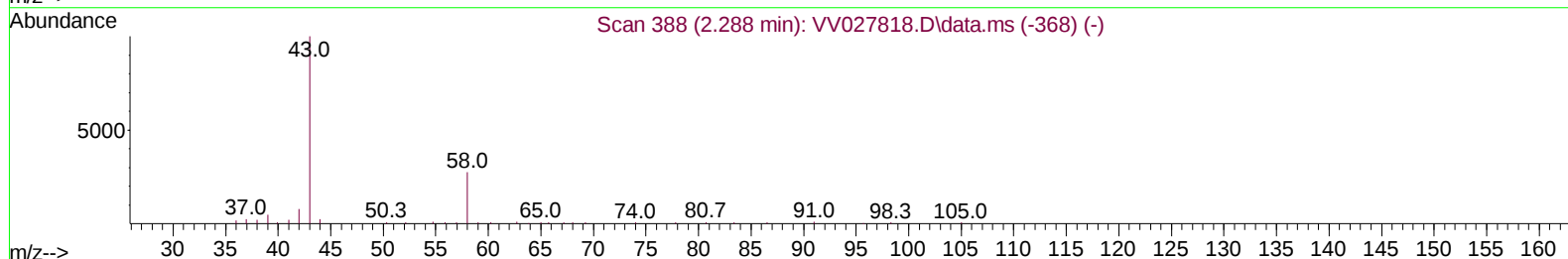
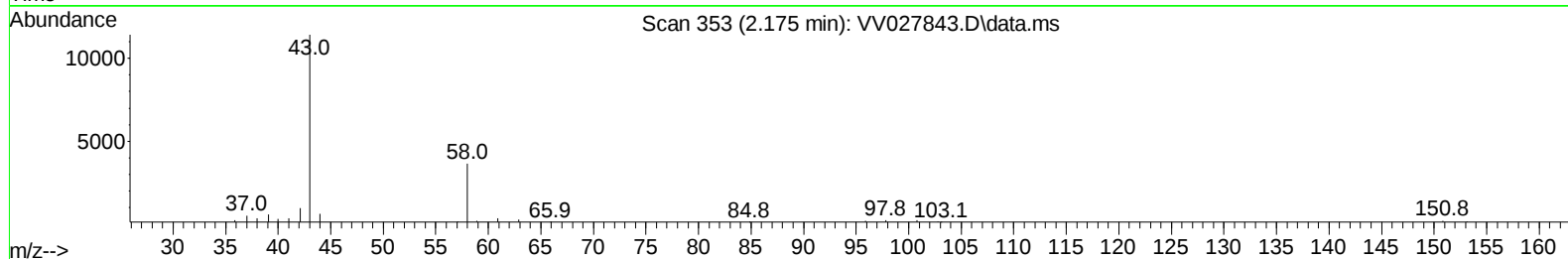
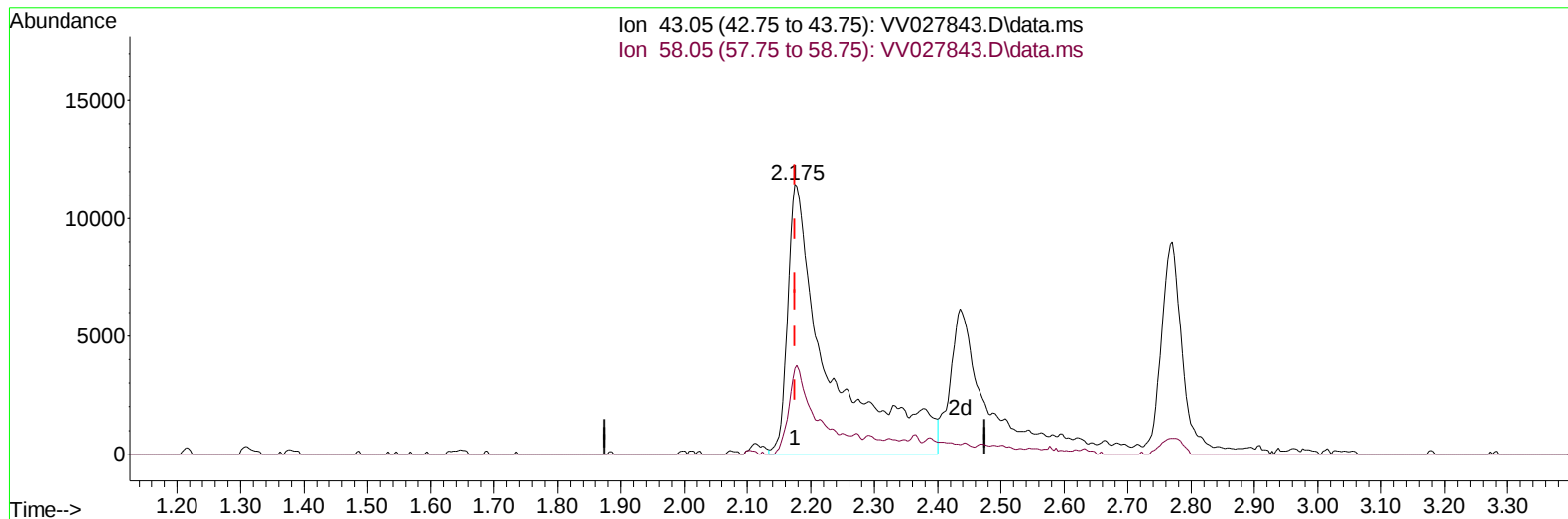
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV091422\  
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 Operator : SY/MD  
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 LabSampleId :  
 VSTDCCC005EC

Manual IntegrationsAPPROVED

Quant Time: Sep 15 02:55:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR090622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 15 02:47:38 2022  
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Reviewed By :Krupa Patel 09/15/2022  
 Supervised By :Mahesh Dadoda 09/15/2022



TIC: VV027843.D\data.ms

(13) Acetone (T)

2.175min (-0.000) 36.88 ug/L m

response 52136

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 24.70  | 19.99  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

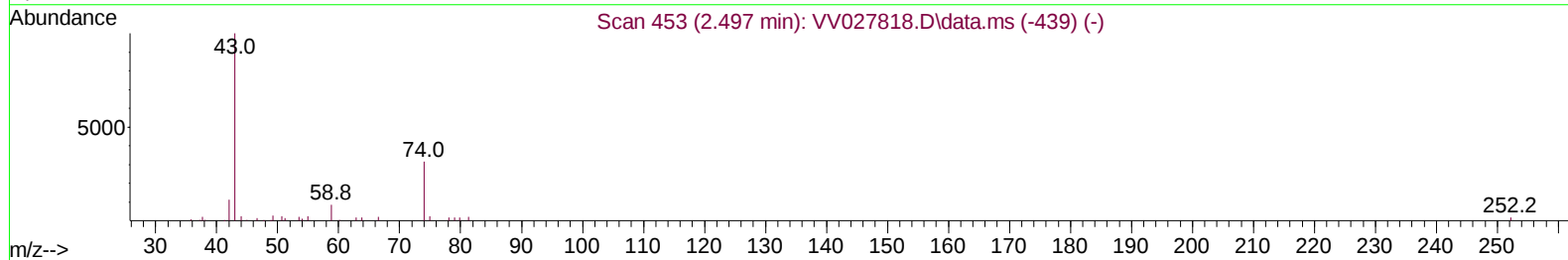
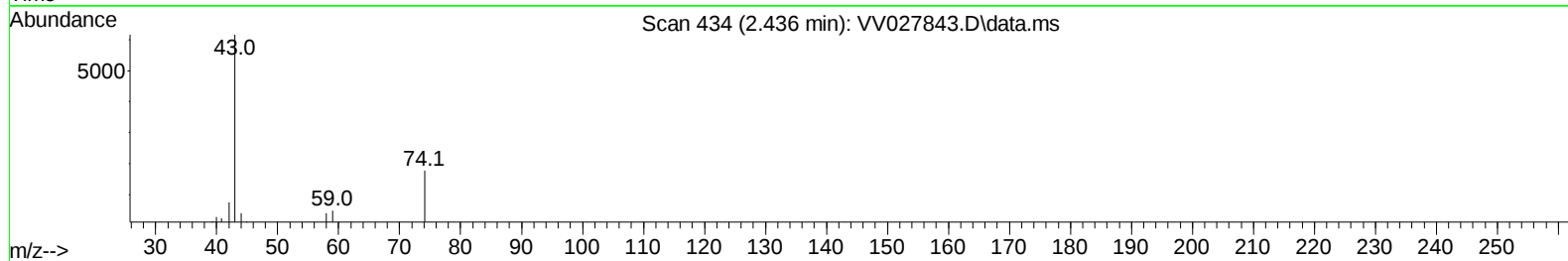
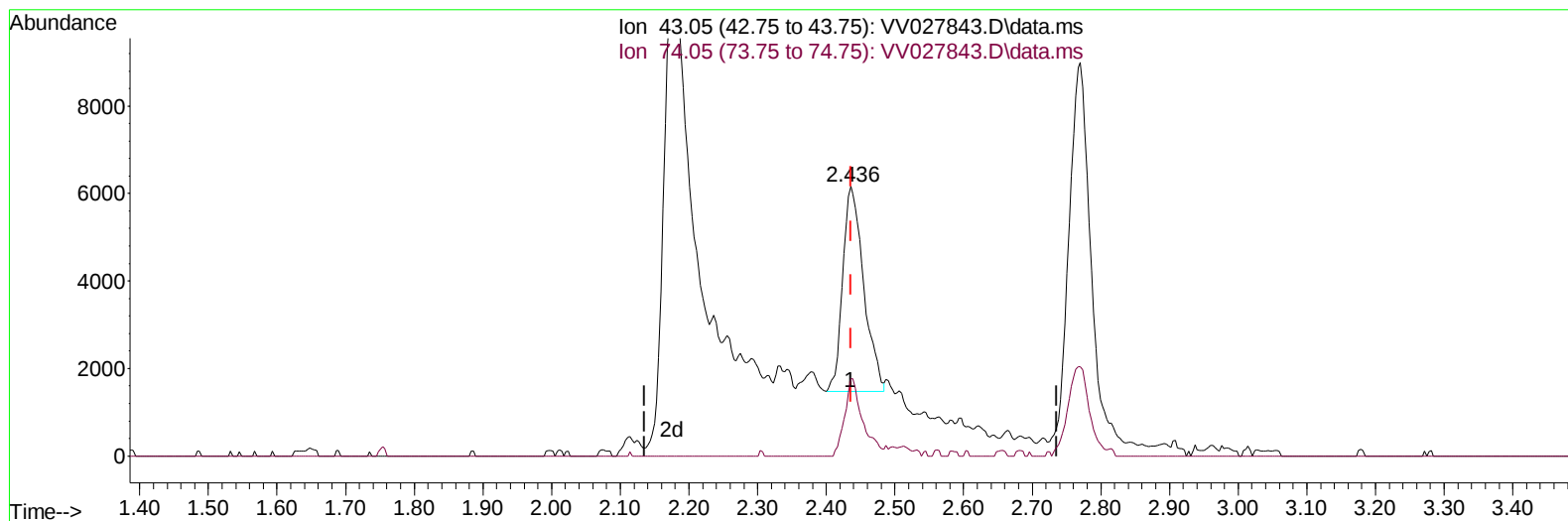
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV091422\  
 Data File : VV027843.D  
 Acq On : 14 Sep 2022 21:15  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC005EC

Manual IntegrationsAPPROVED

Quant Time: Sep 15 02:55:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR090622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 15 02:47:38 2022  
 Response via : Initial Calibration

Reviewed By :Krupa Patel 09/15/2022  
 Supervised By :Mahesh Dadoda 09/15/2022



TIC: VV027843.D\data.ms

(15) Methyl Acetate (T)

2.436min (-0.000) 2.64 ug/L

response 9903

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 74.05 | 20.80  | 32.54# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

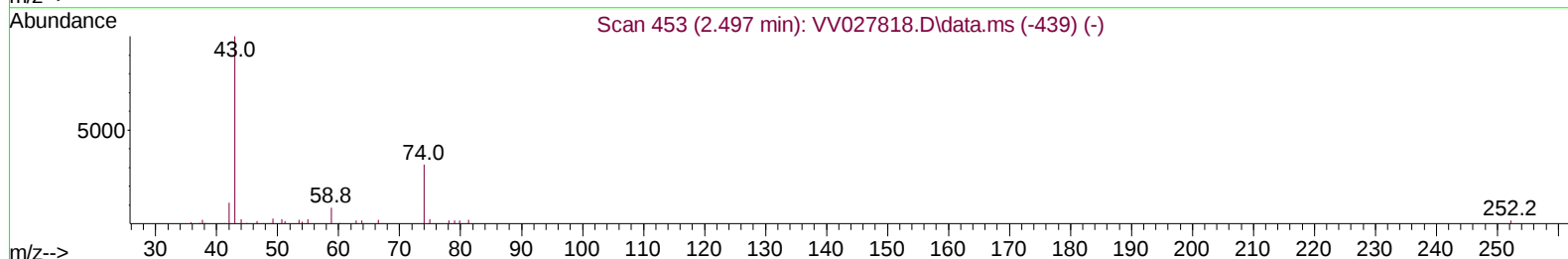
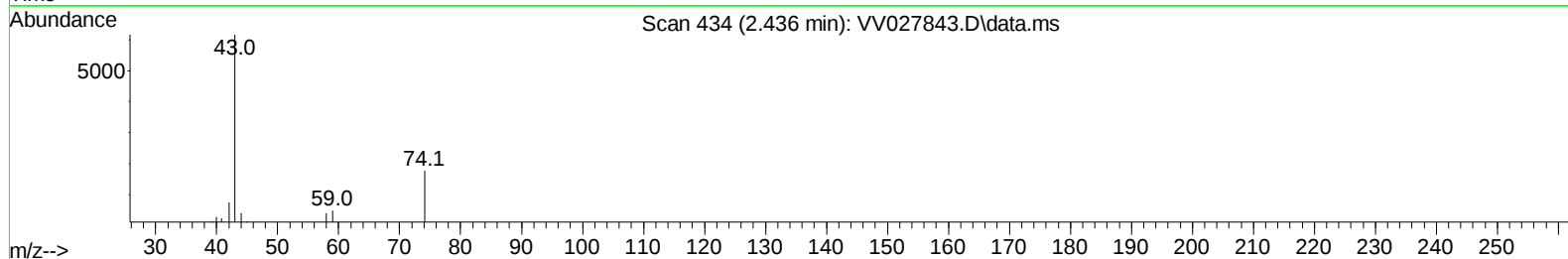
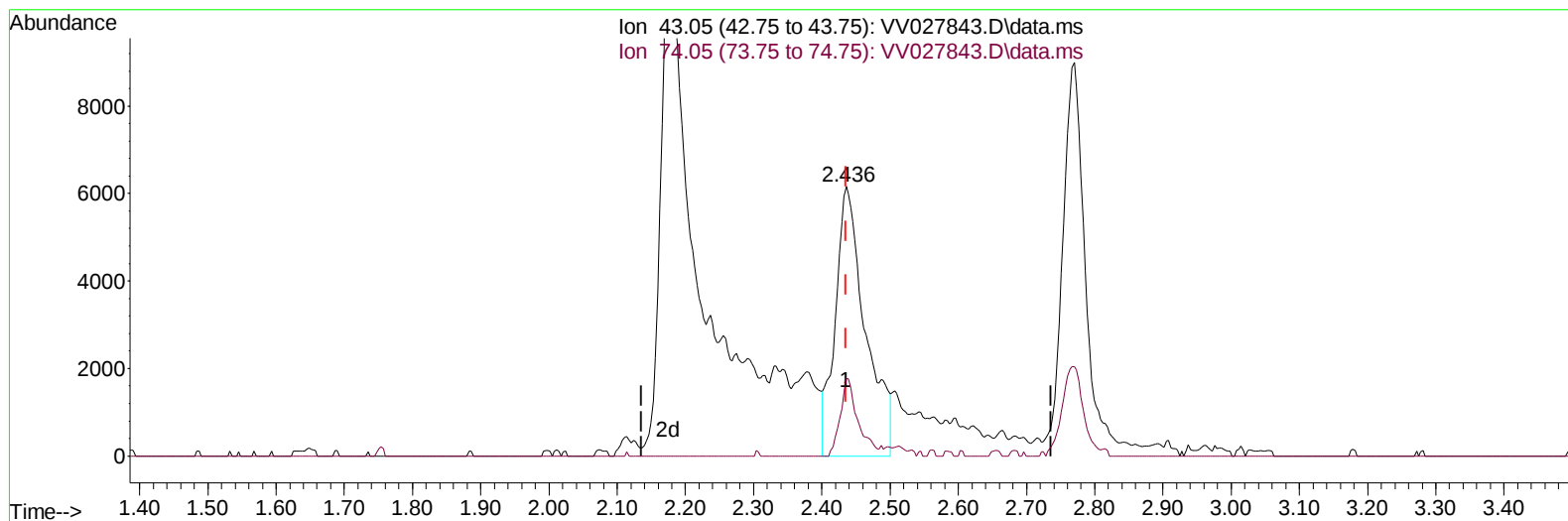
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV091422\  
 Data File : VV027843.D  
 Acq On : 14 Sep 2022 21:15  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC005EC

Manual IntegrationsAPPROVED

Quant Time: Sep 15 02:55:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR090622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 15 02:47:38 2022  
 Response via : Initial Calibration

Reviewed By :Krupa Patel 09/15/2022  
 Supervised By :Mahesh Dadoda 09/15/2022



TIC: VV027843.D\data.ms

(15) Methyl Acetate (T)

2.436min (-0.000) 5.02 ug/L m

response 18814

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 74.05 | 20.80  | 17.13  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

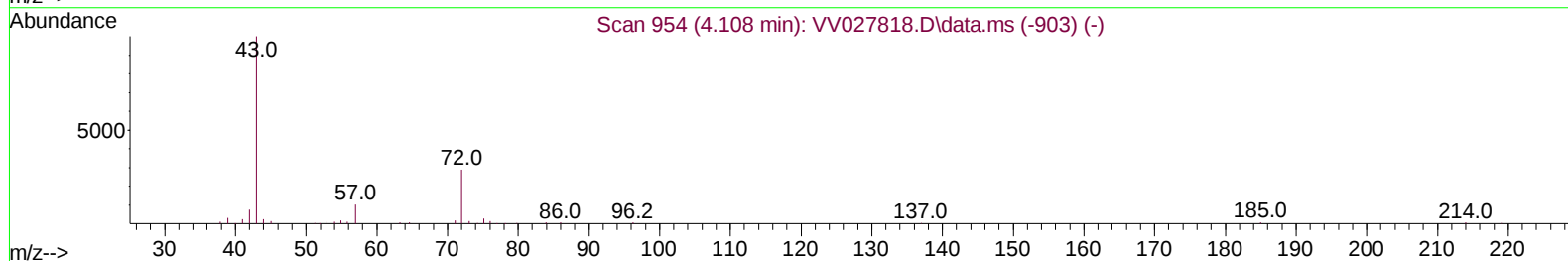
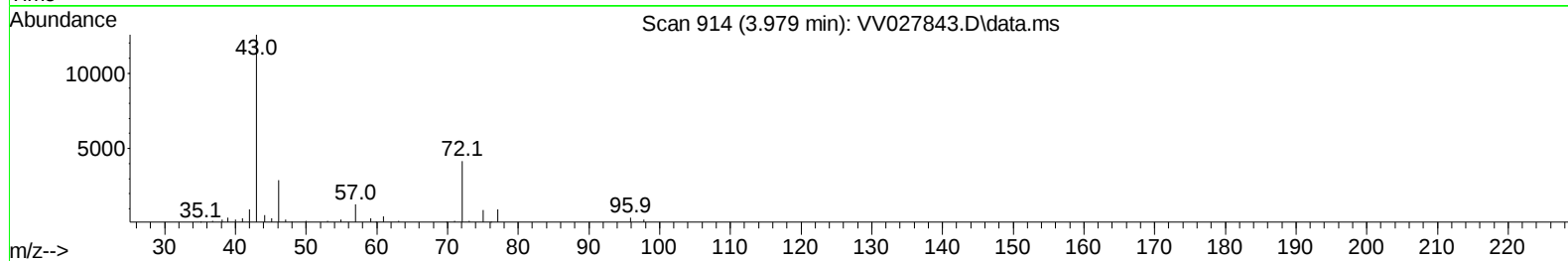
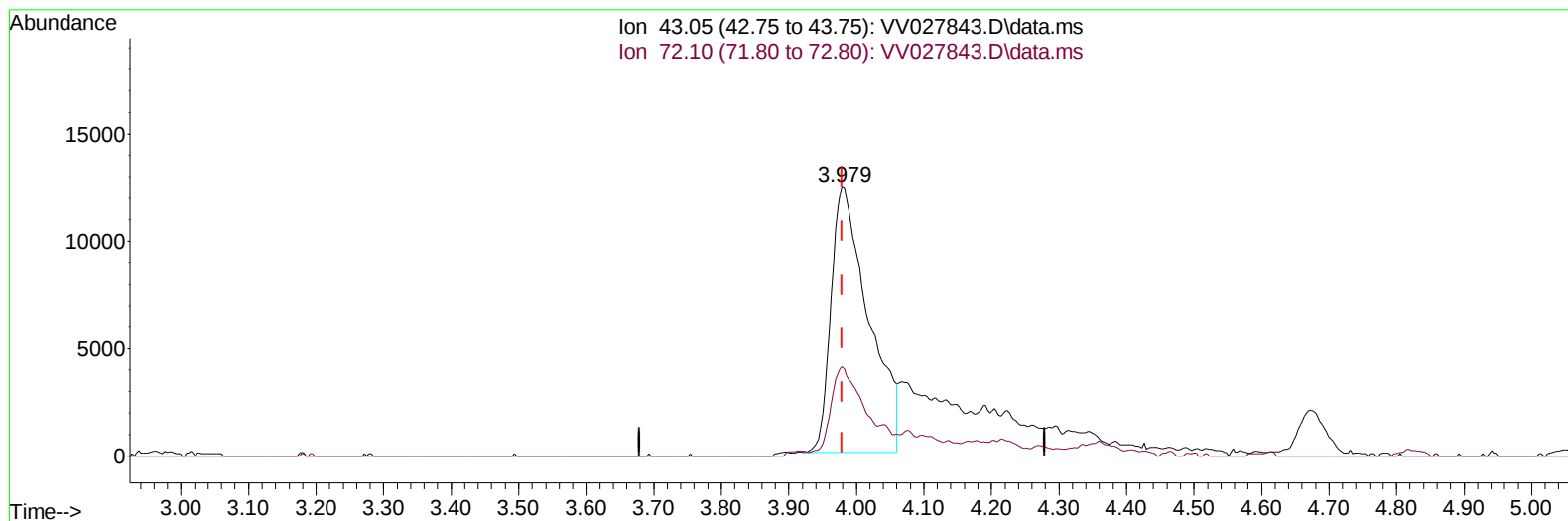
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV091422\  
 Data File : VV027843.D  
 Acq On : 14 Sep 2022 21:15  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC005EC

Manual IntegrationsAPPROVED

Quant Time: Sep 15 02:55:18 2022  
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 QLast Update : Thu Sep 15 02:47:38 2022  
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Reviewed By :Krupa Patel 09/15/2022  
 Supervised By :Mahesh Dadoda 09/15/2022



TIC: VV027843.D\data.ms

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

**3.979min (-0.000) 23.91 ug/L**

**response 47722**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 26.00  | 25.90  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

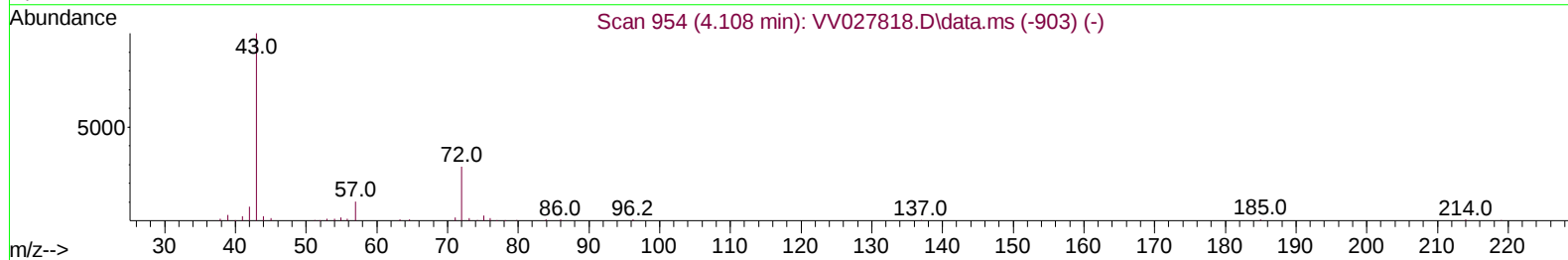
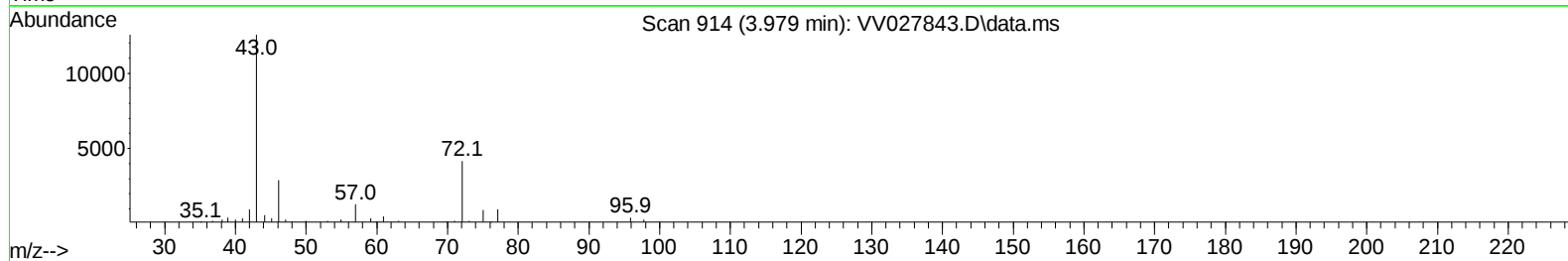
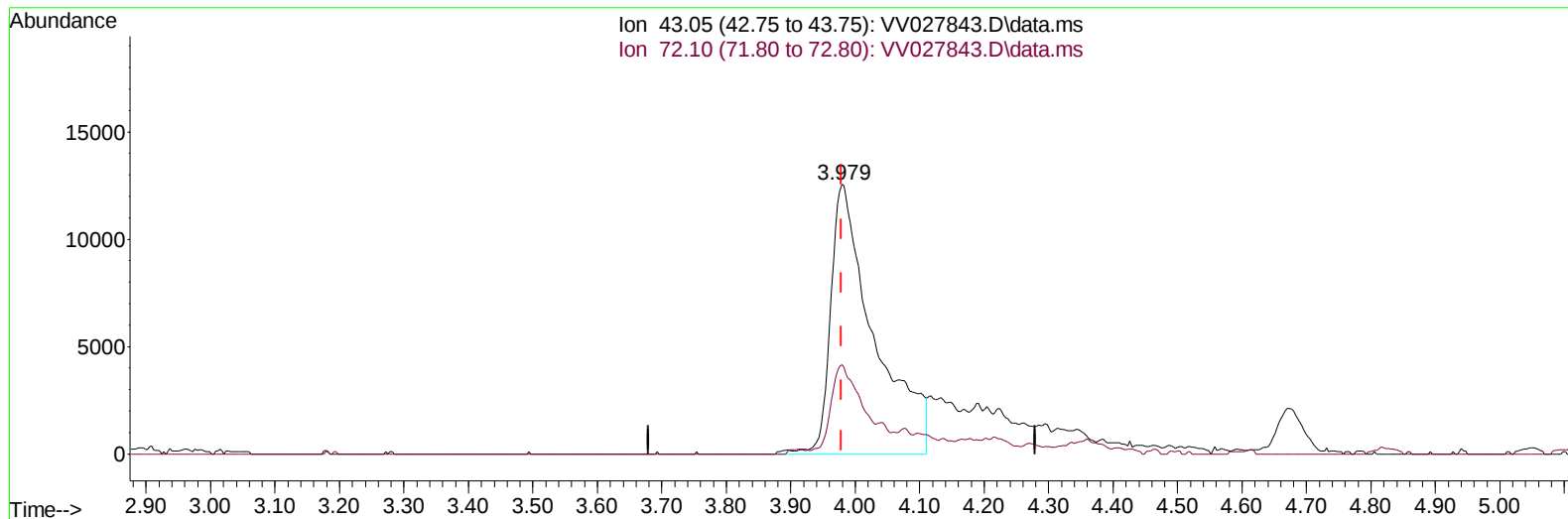
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 Data File : VV027843.D  
 Acq On : 14 Sep 2022 21:15  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC005EC

Manual IntegrationsAPPROVED

Quant Time: Sep 15 02:55:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR090622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 15 02:47:38 2022  
 Response via : Initial Calibration

Reviewed By :Krupa Patel 09/15/2022  
 Supervised By :Mahesh Dadoda 09/15/2022



TIC: VV027843.D\data.ms

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

**3.979min (-0.000) 29.47 ug/L m**

**response 58817**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.05 | 100.00 | 100.00 |
| 72.10 | 26.00  | 21.01  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV091422\  
 Data File : VV027843.D  
 Acq On : 14 Sep 2022 21:15  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC005EC

Manual IntegrationsAPPROVED

Quant Time: Sep 15 02:55:18 2022  
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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 15 02:47:38 2022  
 Response via : Initial Calibration

Reviewed By :Krupa Patel 09/15/2022  
 Supervised By :Mahesh Dadoda 09/15/2022

| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.616    | 114   | 129880   | 5.000  | ug/L     | # 0.00   |
| 28) Chlorobenzene-d5          | 8.850    | 117   | 126862   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249   | 152   | 74358    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307    | 65    | 35644    | 4.163  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 40 | - 130 | Recovery | =      | 83.200%  |          |
| 7) Chloroethane-d5            | 1.568    | 69    | 33617    | 4.629  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 130 | Recovery | =      | 92.600%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.108    | 63    | 82898    | 4.563  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 125 | Recovery | =      | 91.200%  |          |
| 20) 2-Butanone-d5             | 3.895    | 46    | 49087    | 25.872 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 40 | - 130 | Recovery | =      | 51.740%  |          |
| 24) Chloroform-d              | 4.346    | 84    | 90341    | 5.154  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =      | 103.000% |          |
| 26) 1,2-Dichloroethane-d4     | 5.030    | 65    | 42129    | 4.513  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =      | 90.200%  |          |
| 32) Benzene-d6                | 5.047    | 84    | 161659   | 4.392  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =      | 87.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069    | 67    | 42538    | 3.948  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 140 | Recovery | =      | 79.000%  |          |
| 41) Toluene-d8                | 7.313    | 98    | 156689   | 5.063  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =      | 101.200% |          |
| 43) trans-1,3-Dichloroprop... | 7.622    | 79    | 15252    | 4.219  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 55 | - 130 | Recovery | =      | 84.400%  |          |
| 46) 2-Hexanone-d5             | 8.091    | 63    | 60012    | 44.661 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 45 | - 130 | Recovery | =      | 89.320%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214   | 84    | 33122    | 4.787  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 120 | Recovery | =      | 95.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622   | 152   | 56015    | 4.586  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 80 | - 120 | Recovery | =      | 91.800%  |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.130    | 85    | 66731    | 5.234  | ug/L     | 100      |
| 3) Chloromethane              | 1.240    | 50    | 53513    | 4.610  | ug/L     | 100      |
| 5) Vinyl chloride             | 1.310    | 62    | 54894    | 4.695  | ug/L     | 100      |
| 6) Bromomethane               | 1.523    | 94    | 30263    | 4.805  | ug/L     | 96       |
| 8) Chloroethane               | 1.584    | 64    | 33713    | 5.021  | ug/L     | 98       |
| 9) Trichlorofluoromethane     | 1.754    | 101   | 100675   | 5.314  | ug/L     | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.117    | 101   | 49264    | 5.334  | ug/L     | 96       |
| 12) 1,1-Dichloroethene        | 2.117    | 96    | 44896    | 5.216  | ug/L     | 93       |
| 13) Acetone                   | 2.175    | 43    | 52136m   | 36.879 | ug/L     |          |
| 14) Carbon disulfide          | 2.294    | 76    | 114422   | 4.477  | ug/L     | 96       |
| 15) Methyl Acetate            | 2.436    | 43    | 18814m   | 5.018  | ug/L     |          |
| 16) Methylene chloride        | 2.506    | 84    | 54720    | 4.937  | ug/L     | 88       |
| 17) Methyl tert-butyl Ether   | 2.770    | 73    | 95418    | 4.670  | ug/L     | 97       |
| 18) trans-1,2-Dichloroethene  | 2.760    | 96    | 47236    | 5.196  | ug/L     | 92       |
| 19) 1,1-Dichloroethane        | 3.188    | 63    | 86744    | 5.085  | ug/L     | 98       |
| 21) 2-Butanone                | 3.979    | 43    | 58817m   | 29.474 | ug/L     |          |
| 22) cis-1,2-Dichloroethene    | 3.912    | 96    | 46800    | 4.724  | ug/L #   | 82       |
| 23) Bromochloromethane        | 4.252    | 128   | 22956    | 5.518  | ug/L #   | 80       |

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 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC005EC

Manual IntegrationsAPPROVED

Quant Time: Sep 15 02:55:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR090622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 15 02:47:38 2022  
 Response via : Initial Calibration

Reviewed By :Krupa Patel 09/15/2022  
 Supervised By :Mahesh Dadoda 09/15/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 25) Chloroform                | 4.371  | 83   | 100283   | 5.298  | ug/L  | 97       |
| 27) 1,2-Dichloroethane        | 5.130  | 62   | 55464    | 4.833  | ug/L  | 100      |
| 29) 1,1,1-Trichloroethane     | 4.606  | 97   | 92602    | 4.746  | ug/L  | 97       |
| 30) Cyclohexane               | 4.674  | 56   | 59514    | 3.712  | ug/L  | 91       |
| 31) Carbon tetrachloride      | 4.825  | 117  | 82798    | 4.994  | ug/L  | 96       |
| 33) Benzene                   | 5.098  | 78   | 191317   | 4.566  | ug/L  | 100      |
| 34) Trichloroethene           | 5.911  | 95   | 49094    | 4.681  | ug/L  | 96       |
| 35) Methylcyclohexane         | 6.127  | 83   | 69863    | 4.338  | ug/L  | 95       |
| 37) 1,2-Dichloropropane       | 6.172  | 63   | 45086    | 4.535  | ug/L  | 98       |
| 38) Bromodichloromethane      | 6.506  | 83   | 65304    | 4.953  | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 7.027  | 75   | 58124    | 4.630  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 7.226  | 43   | 212686   | 47.196 | ug/L  | 95       |
| 42) Toluene                   | 7.384  | 91   | 221150   | 5.449  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.651  | 75   | 52384    | 4.972  | ug/L  | 97       |
| 45) 1,1,2-Trichloroethane     | 7.837  | 97   | 32983    | 5.120  | ug/L  | 99       |
| 47) Tetrachloroethene         | 7.972  | 164  | 44014    | 5.230  | ug/L  | 94       |
| 48) 2-Hexanone                | 8.140  | 43   | 163949   | 50.042 | ug/L  | 95       |
| 49) Dibromochloromethane      | 8.243  | 129  | 42675    | 5.218  | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 29770    | 5.110  | ug/L  | 100      |
| 51) Chlorobenzene             | 8.879  | 112  | 137227   | 5.210  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.011  | 91   | 217034   | 5.156  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.136  | 106  | 86701    | 5.237  | ug/L  | 97       |
| 54) o-Xylene                  | 9.542  | 106  | 85826    | 5.438  | ug/L  | 95       |
| 55) Styrene                   | 9.558  | 104  | 151070   | 5.536  | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 36929    | 5.115  | ug/L  | 97       |
| 59) Bromoform                 | 9.731  | 173  | 22441    | 4.986  | ug/L  | 98       |
| 60) Isopropylbenzene          | 9.931  | 105  | 227221   | 4.884  | ug/L  | 98       |
| 61) 1,2,3-Trichloropropane    | 10.271 | 75   | 27462    | 4.664  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 63453    | 4.843  | ug/L  | 97       |
| 63) 1,2,4-Trimethylbenzene    | 10.911 | 105  | 178055   | 4.781  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.178 | 146  | 116865   | 4.961  | ug/L  | 97       |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 113504   | 4.781  | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 105952   | 4.953  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 5957     | 4.713  | ug/L  | 91       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 87124    | 4.882  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.258 | 180  | 64500    | 4.571  | ug/L  | 99       |
| 71) Naphthalene               | 13.500 | 128  | 84026    | 3.791  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 57230    | 4.552  | ug/L  | 98       |

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

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 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 LabSampleId :  
 VSTDCCC005EC

Manual IntegrationsAPPROVED

Quant Time: Sep 15 02:55:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR090622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 15 02:47:38 2022  
 Response via : Initial Calibration

Reviewed By :Krupa Patel 09/15/2022  
 Supervised By :Mahesh Dadoda 09/15/2022

