

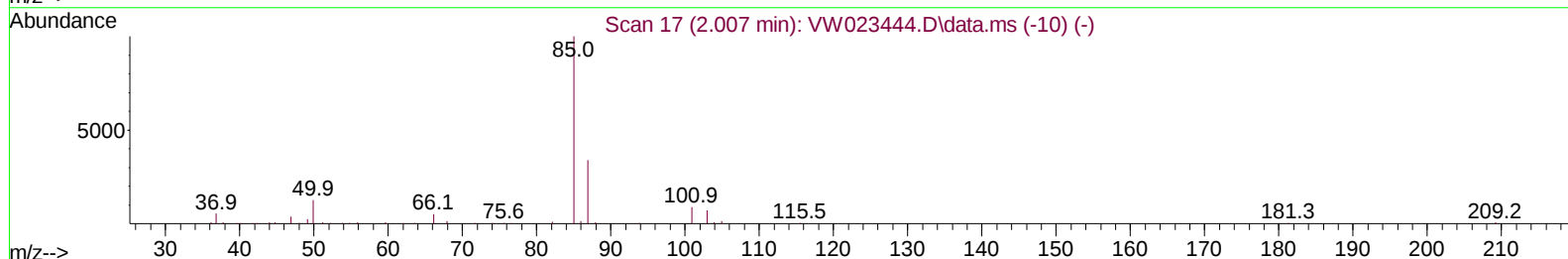
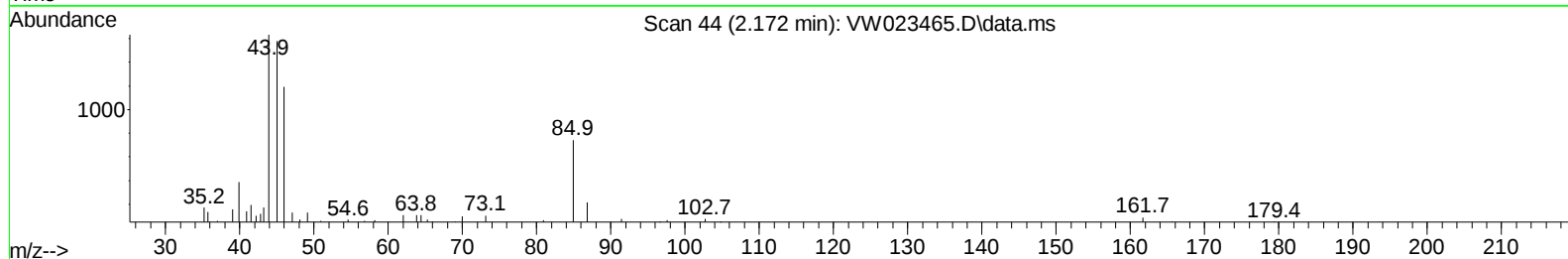
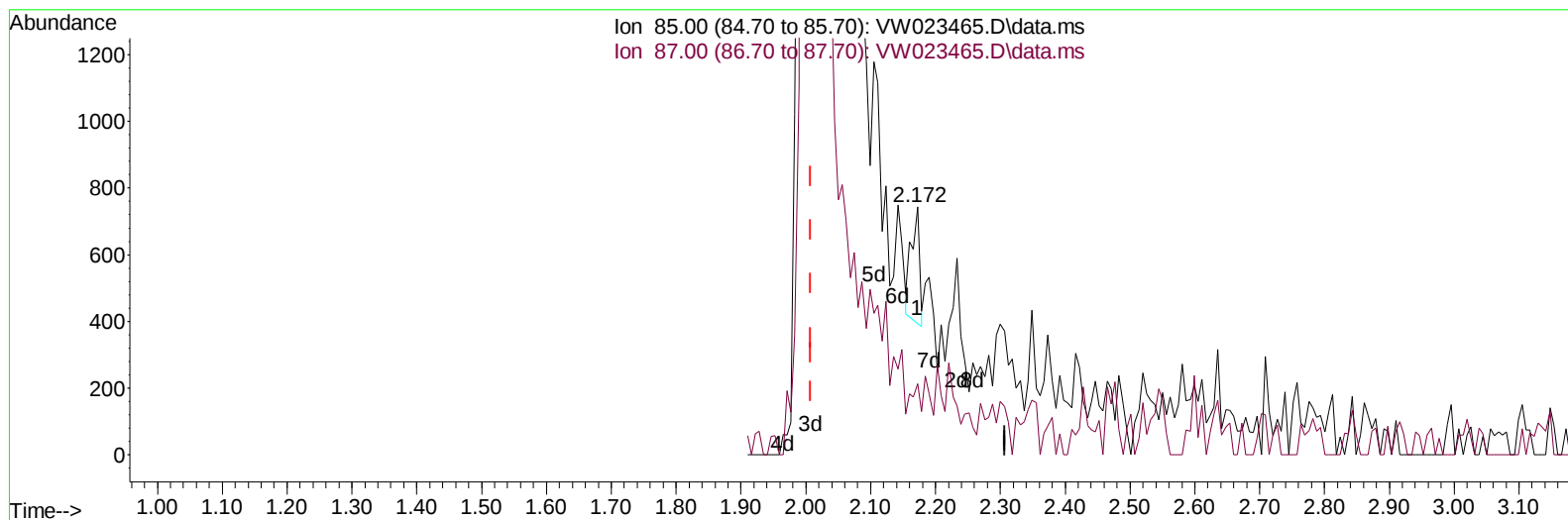
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061322\  
 Data File : VW023465.D  
 Acq On : 13 Jun 2022 08:34  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: Jun 14 01:23:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061022SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jun 11 00:06:08 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 06/14/2022  
 Supervised By :Mahesh Dadoda 06/15/2022



TIC: VW023465.D\data.ms

## (2) Dichlorodifluoromethane (T)

2.172min (+ 0.165) 0.20 ug/L

response 298

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 85.00 | 100.00 | 100.00 |
| 87.00 | 34.80  | 28.19  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

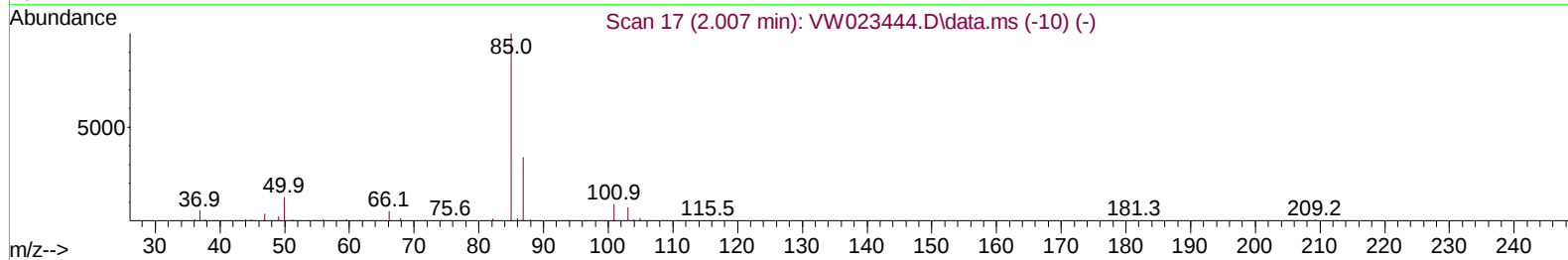
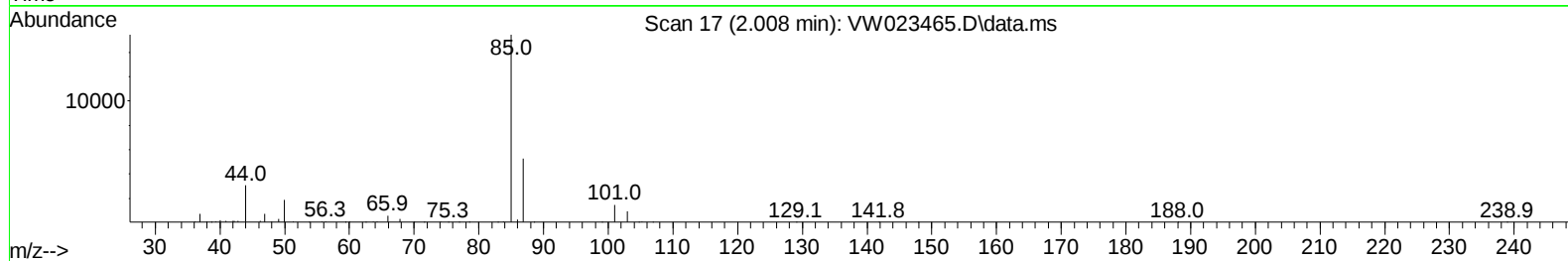
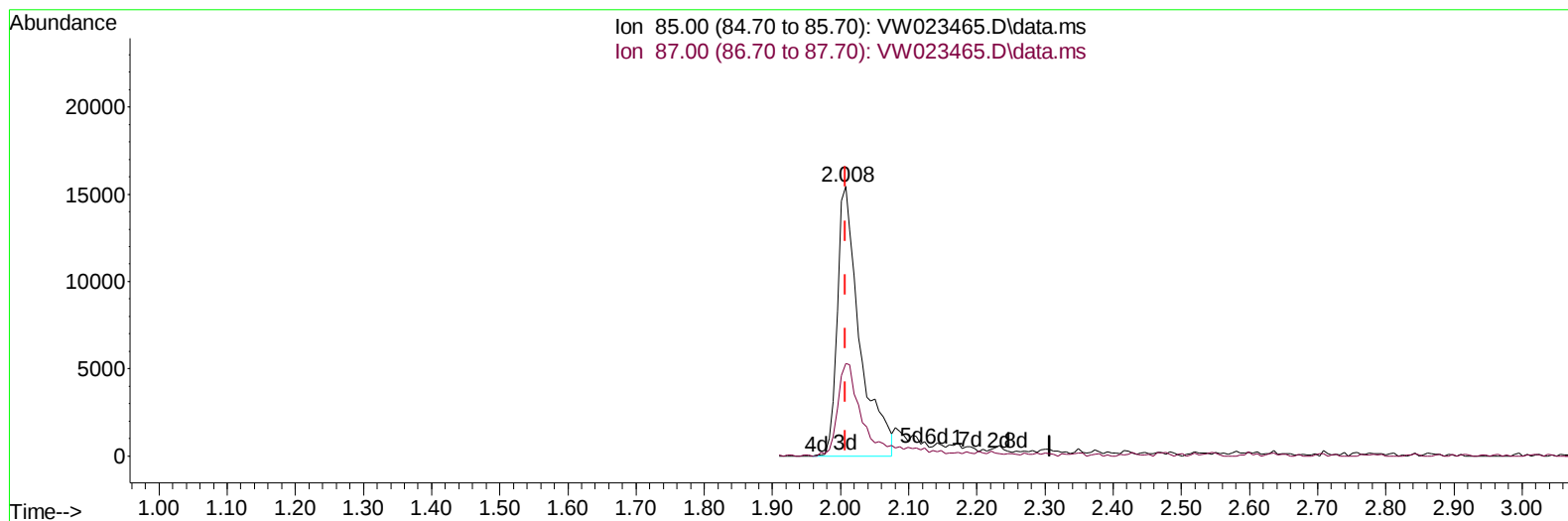
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061322\  
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Manual IntegrationsAPPROVED

Quant Time: Jun 14 01:23:23 2022  
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 Quant Title : SFAM01.0  
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TIC: VW023465.D\data.ms

(2) Dichlorodifluoromethane (T)

2.008min (+ 0.000) 24.11 ug/L m

response 35066

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 85.00 | 100.00 | 100.00 |
| 87.00 | 34.80  | 0.24#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

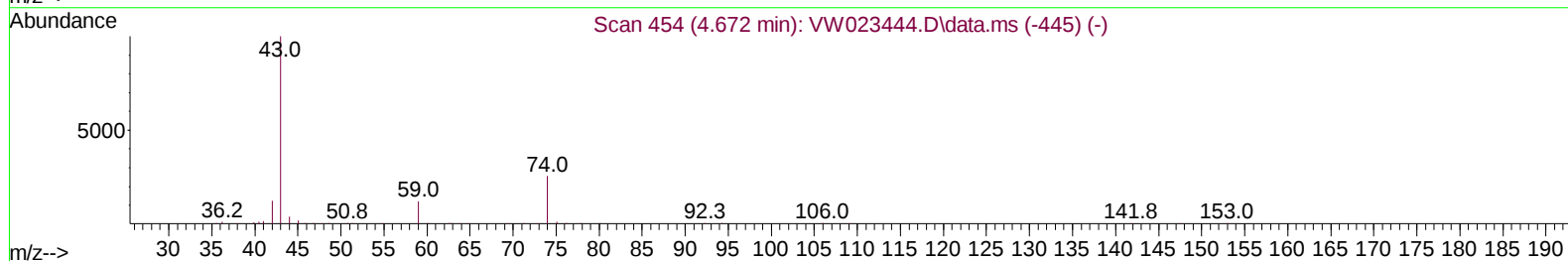
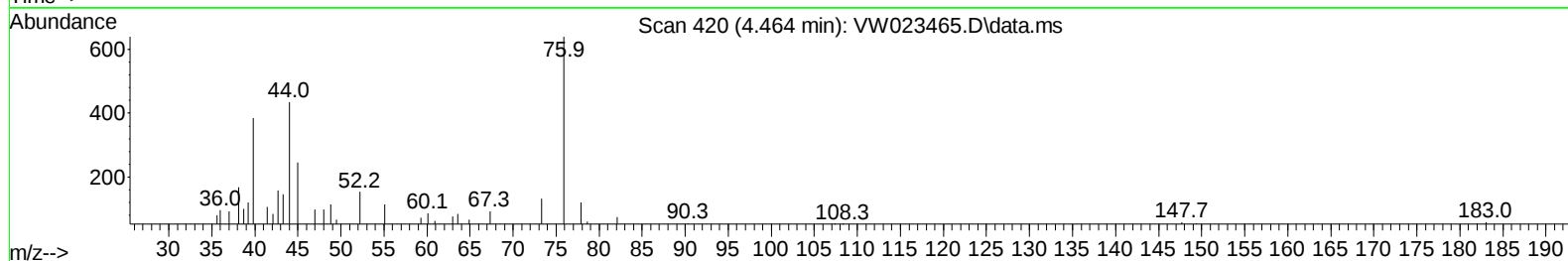
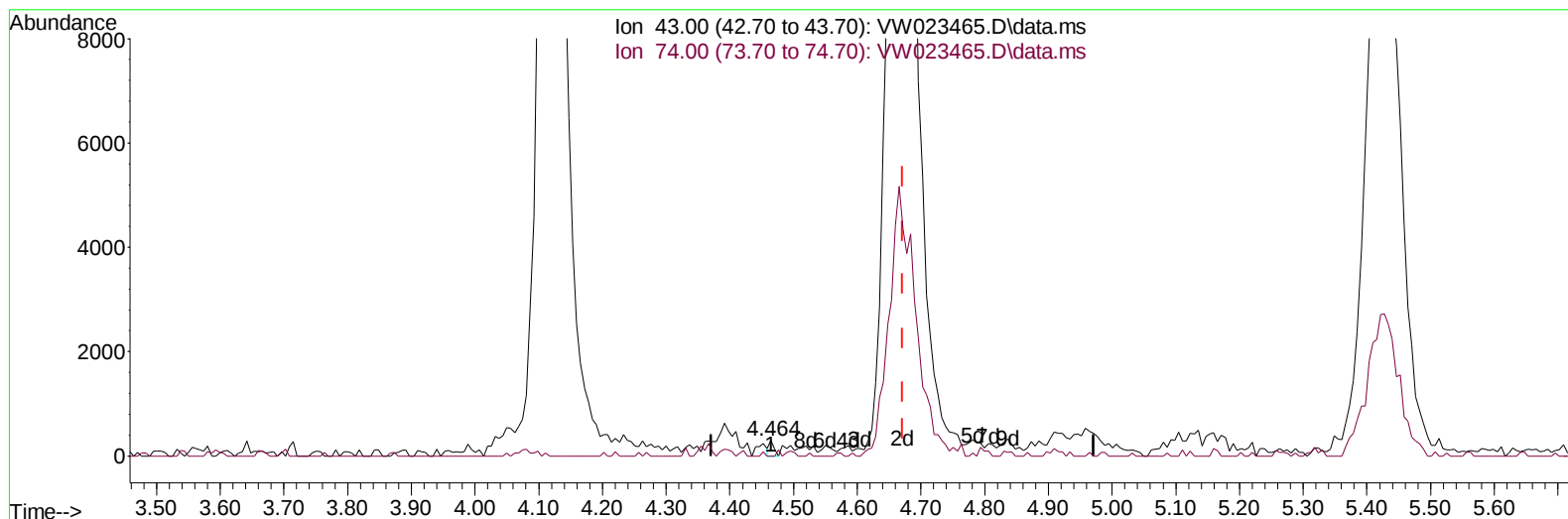
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 Data File : VW023465.D  
 Acq On : 13 Jun 2022 08:34  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC025

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2022  
 Supervised By :Mahesh Dadoda 06/15/2022

Quant Time: Jun 14 01:23:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061022SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jun 11 00:06:08 2022  
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TIC: VW023465.D\data.ms

## (15) Methyl Acetate (T)

4.464min (-0.207) 0.08 ug/L

response 157

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 27.40  | 26.11  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

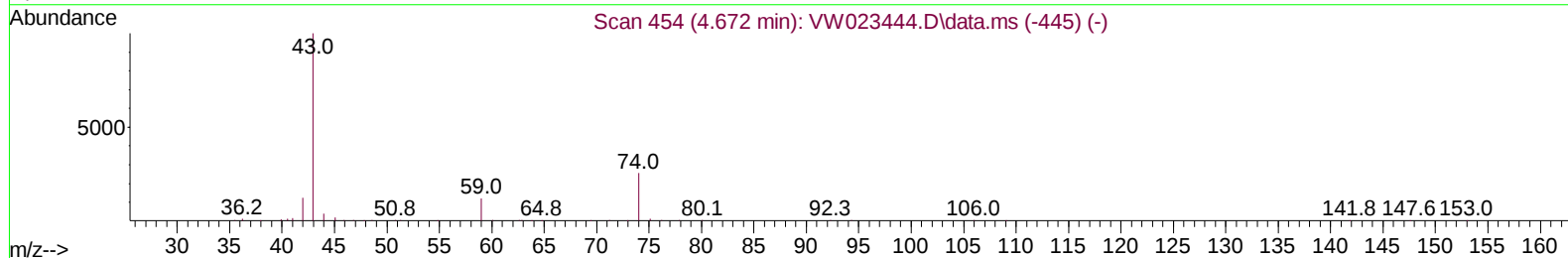
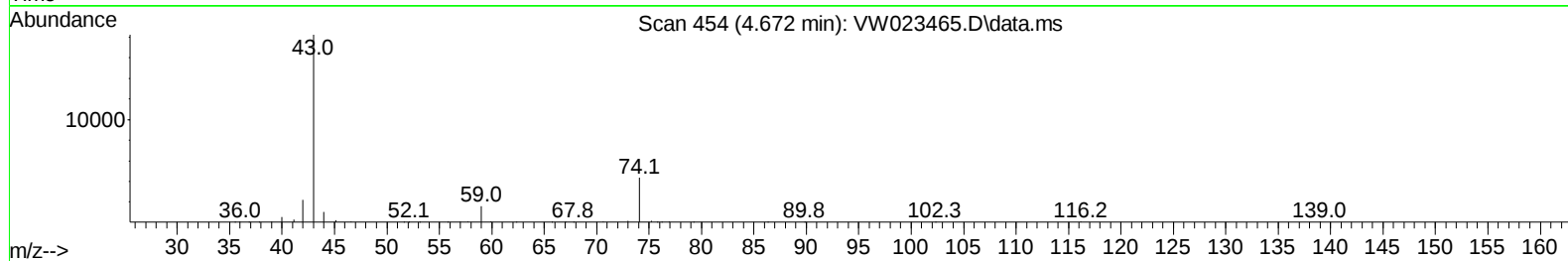
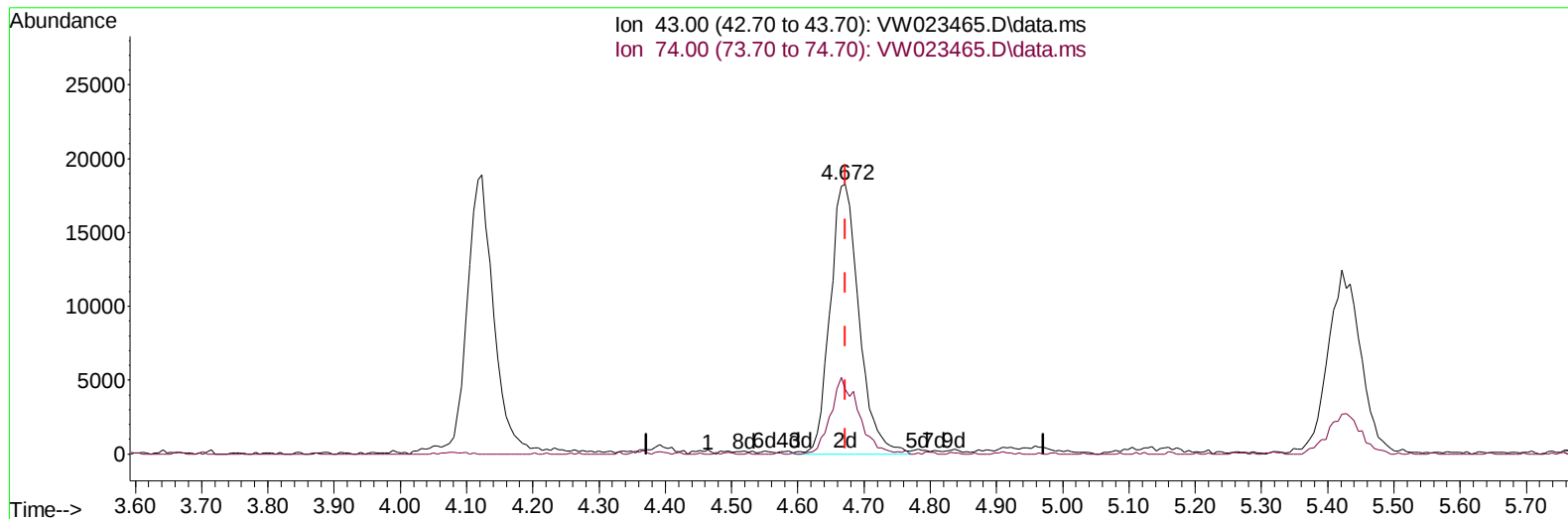
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061322\  
 Data File : VW023465.D  
 Acq On : 13 Jun 2022 08:34  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: Jun 14 01:23:23 2022  
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 Quant Title : SFAM01.0  
 QLast Update : Sat Jun 11 00:06:08 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 06/14/2022  
 Supervised By :Mahesh Dadoda 06/15/2022



TIC: VW023465.D\data.ms

(15) Methyl Acetate (T)

4.672min (+ 0.000) 26.55 ug/L m

response 55259

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 27.40  | 0.07#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061322\  
 Data File : VW023465.D  
 Acq On : 13 Jun 2022 08:34  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: Jun 14 01:23:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061022SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jun 11 00:06:08 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 06/14/2022  
 Supervised By :Mahesh Dadoda 06/15/2022

| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.842    | 114   | 398910   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 376417   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 202233   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.355    | 65    | 138379   | 21.835 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 87.360%  |          |
| 7) Chloroethane-d5            | 2.885    | 69    | 96343    | 20.681 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 82.720%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.026    | 63    | 202218   | 22.860 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 91.440%  |          |
| 21) 2-Butanone-d5             | 7.074    | 46    | 65673    | 50.754 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 101.500% |          |
| 24) Chloroform-d              | 7.653    | 84    | 252271   | 22.973 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 91.880%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 131480   | 22.232 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 88.920%  |          |
| 32) Benzene-d6                | 8.275    | 84    | 458060   | 22.950 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 91.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.275    | 67    | 140553   | 23.903 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 95.600%  |          |
| 41) Toluene-d8                | 10.323   | 98    | 468753   | 24.045 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 96.200%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 63152    | 23.530 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 94.120%  |          |
| 47) 2-Hexanone-d5             | 10.921   | 63    | 55272    | 58.825 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 117.640% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689   | 84    | 139503   | 25.401 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 101.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.847   | 152   | 169065   | 23.158 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 92.640%  |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.008    | 85    | 35066m   | 24.108 | ug/L     |          |
| 3) Chloromethane              | 2.221    | 50    | 120330   | 25.009 | ug/L     | 98       |
| 5) Vinyl chloride             | 2.361    | 62    | 183334   | 24.449 | ug/L     | 100      |
| 6) Bromomethane               | 2.782    | 94    | 90043    | 21.216 | ug/L     | 97       |
| 8) Chloroethane               | 2.922    | 64    | 88791    | 22.352 | ug/L     | 99       |
| 9) Trichlorofluoromethane     | 3.257    | 101   | 94355    | 27.899 | ug/L     | 95       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.062    | 101   | 124571   | 25.549 | ug/L     | 98       |
| 12) 1,1-Dichloroethene        | 4.038    | 96    | 107980   | 24.860 | ug/L     | 93       |
| 13) Acetone                   | 4.123    | 43    | 51084    | 54.797 | ug/L     | 75       |
| 14) Carbon disulfide          | 4.385    | 76    | 331918   | 24.841 | ug/L     | 98       |
| 15) Methyl Acetate            | 4.672    | 43    | 55259m   | 26.549 | ug/L     |          |
| 16) Methylene chloride        | 4.916    | 84    | 128755   | 23.849 | ug/L     | 96       |
| 17) trans-1,2-Dichloroethene  | 5.428    | 96    | 128343   | 24.956 | ug/L     | 100      |
| 18) Methyl tert-butyl Ether   | 5.428    | 73    | 204621   | 26.436 | ug/L     | 99       |
| 19) 1,1-Dichloroethane        | 6.214    | 63    | 222395   | 24.142 | ug/L     | 97       |
| 20) cis-1,2-Dichloroethene    | 7.165    | 96    | 137199   | 24.395 | ug/L #   | 96       |
| 22) 2-Butanone                | 7.171    | 43    | 79069    | 55.412 | ug/L     | 99       |
| 23) Bromochloromethane        | 7.513    | 128   | 64827    | 25.021 | ug/L     | 93       |

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 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: Jun 14 01:23:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061022SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jun 11 00:06:08 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 06/14/2022  
 Supervised By :Mahesh Dadoda 06/15/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 25) Chloroform                | 7.677  | 83   | 250864   | 24.132 | ug/L  | 98       |
| 27) 1,2-Dichloroethane        | 8.397  | 62   | 163749   | 23.818 | ug/L  | 100      |
| 29) Cyclohexane               | 7.958  | 56   | 185462   | 24.462 | ug/L  | 98       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 215820   | 24.769 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 195975   | 24.414 | ug/L  | 99       |
| 33) Benzene                   | 8.324  | 78   | 521109   | 23.965 | ug/L  | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 141185   | 24.224 | ug/L  | 96       |
| 35) Methylcyclohexane         | 9.336  | 83   | 233276   | 24.723 | ug/L  | 97       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 130523   | 24.563 | ug/L  | 98       |
| 38) Bromodichloromethane      | 9.646  | 83   | 179892   | 24.070 | ug/L  | 94       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 206104   | 25.310 | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 170316   | 56.194 | ug/L  | 99       |
| 42) Toluene                   | 10.390 | 91   | 616640   | 25.382 | ug/L  | 95       |
| 44) trans-1,3-Dichloropropene | 10.604 | 75   | 188346   | 25.633 | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 10.787 | 97   | 112736   | 25.827 | ug/L  | 97       |
| 46) Tetrachloroethene         | 10.866 | 164  | 114746   | 25.503 | ug/L  | 82       |
| 48) 2-Hexanone                | 10.969 | 43   | 123570   | 60.328 | ug/L  | 97       |
| 49) Dibromochloromethane      | 11.128 | 129  | 131982   | 25.818 | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 11.238 | 107  | 105023   | 25.738 | ug/L  | 98       |
| 51) Chlorobenzene             | 11.658 | 112  | 384577   | 23.456 | ug/L  | 98       |
| 52) Ethylbenzene              | 11.731 | 91   | 659293   | 23.878 | ug/L  | 96       |
| 53) m,p-Xylene                | 11.841 | 106  | 270137   | 25.137 | ug/L  | 100      |
| 54) o-Xylene                  | 12.164 | 106  | 261565   | 25.470 | ug/L  | 98       |
| 55) Styrene                   | 12.177 | 104  | 452558   | 25.345 | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 142292   | 26.843 | ug/L  | 94       |
| 59) Bromoform                 | 12.347 | 173  | 78705    | 27.379 | ug/L  | 97       |
| 60) Isopropylbenzene          | 12.463 | 105  | 708438   | 24.473 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 102274   | 26.578 | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.939 | 105  | 598064   | 25.261 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 572005   | 24.143 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 306672   | 23.880 | ug/L  | 93       |
| 65) 1,4-Dichlorobenzene       | 13.579 | 146  | 316797   | 24.159 | ug/L  | 96       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 295557   | 25.127 | ug/L  | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 22082    | 25.989 | ug/L  | 93       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 215991   | 25.740 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 162254   | 24.832 | ug/L  | 97       |
| 71) Naphthalene               | 15.365 | 128  | 354013   | 27.542 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 135516   | 23.857 | ug/L  | 92       |

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

## Manual IntegrationsAPPROVED

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