

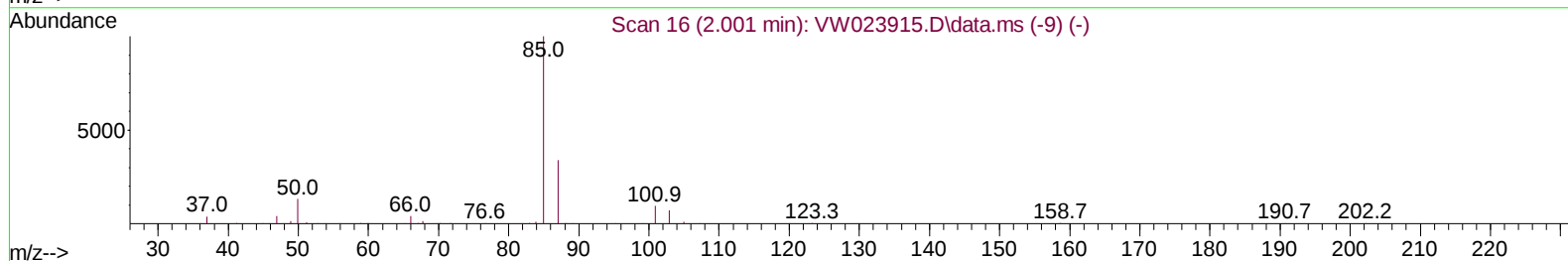
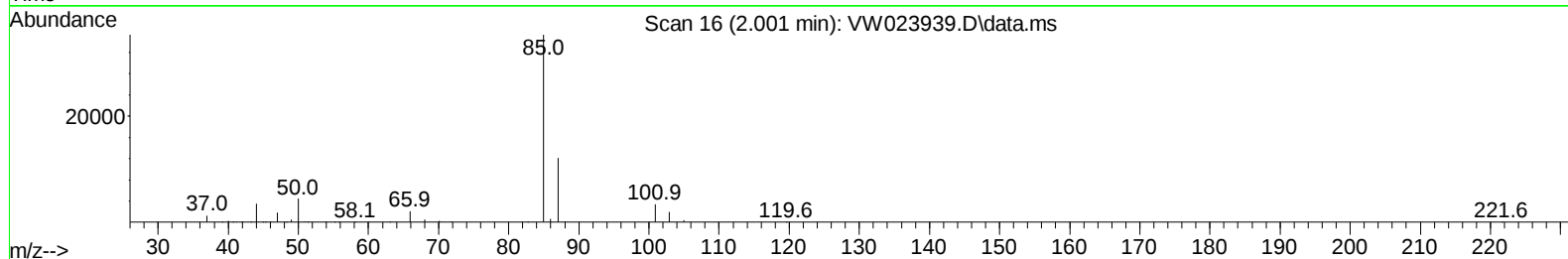
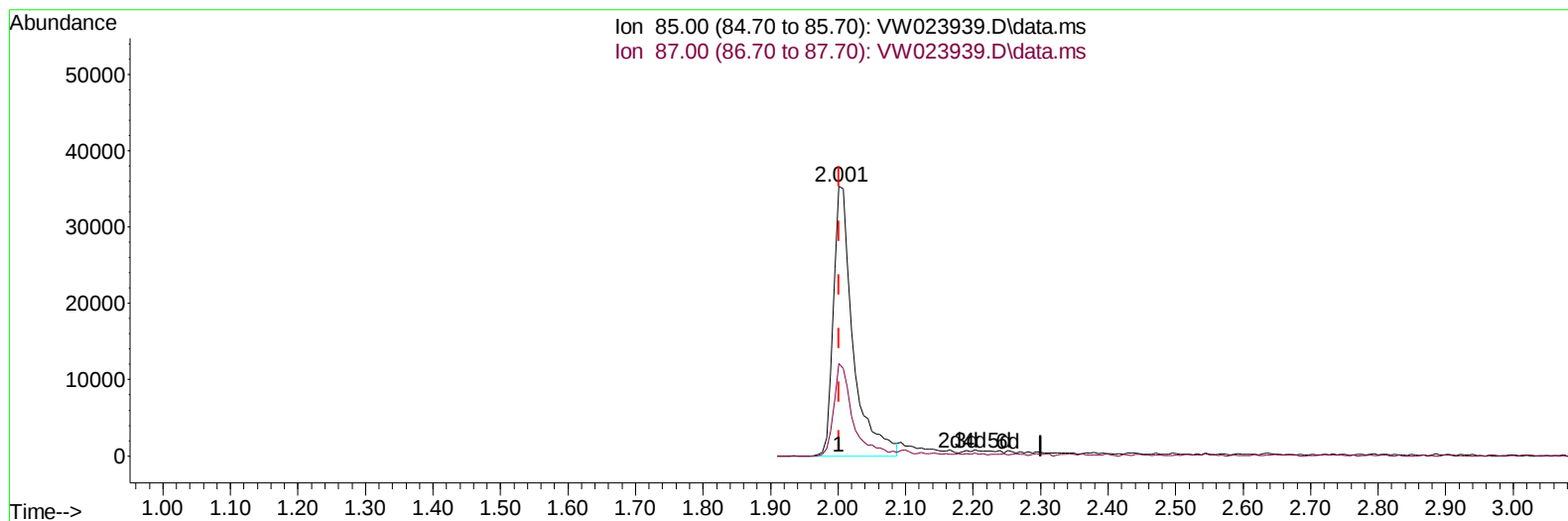
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071922\  
 Data File : VW023939.D  
 Acq On : 20 Jul 2022 15:53  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: Jul 20 23:09:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 20 06:30:31 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 07/21/2022  
 Supervised By :Mahesh Dadoda 07/21/2022



TIC: VW023939.D\data.ms

(2) Dichlorodifluoromethane (T)

2.001min (+ 0.000) 36.97 ug/L

response 71381

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 85.00 | 100.00 | 100.00 |
| 87.00 | 30.90  | 32.76  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

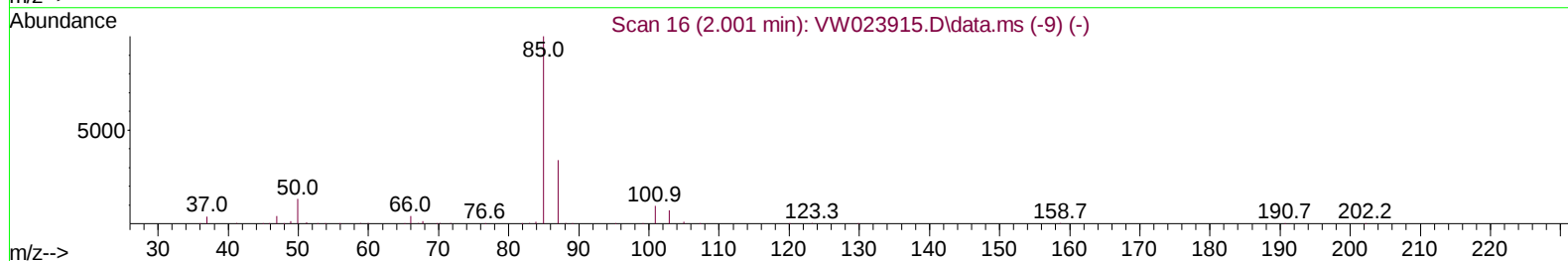
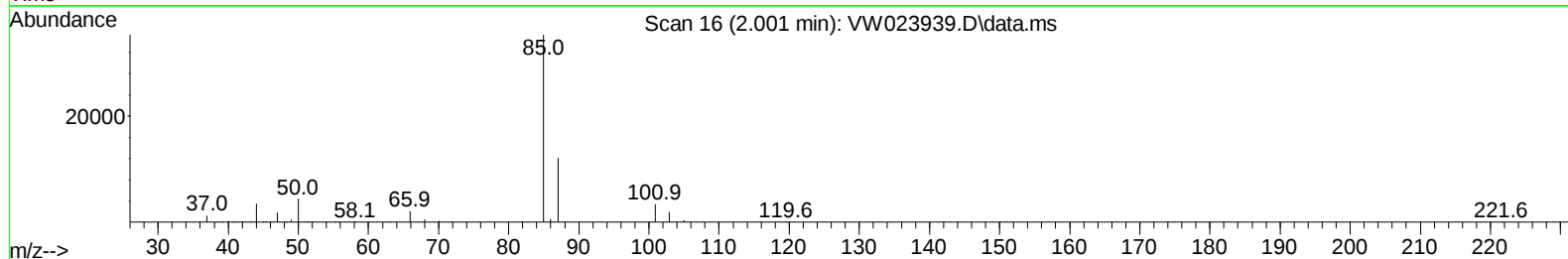
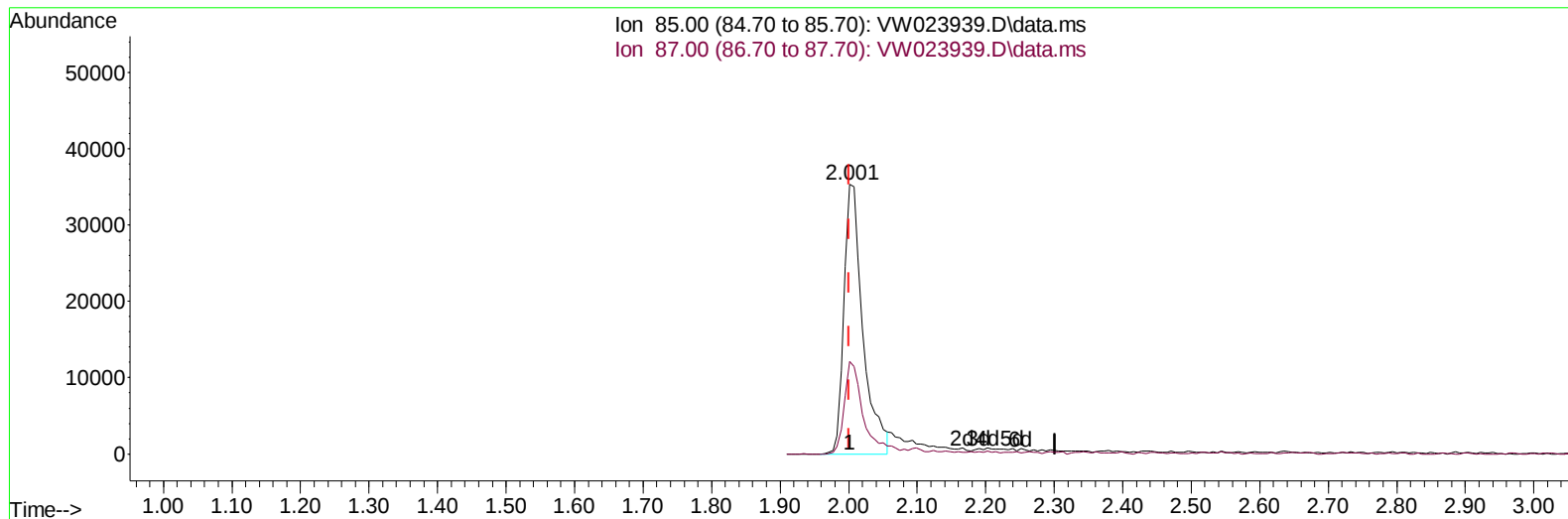
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TIC: VW023939.D\data.ms

(2) Dichlorodifluoromethane (T)

2.001min (+ 0.000) 34.99 ug/L m

response 67557

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 85.00 | 100.00 | 100.00 |
| 87.00 | 30.90  | 34.61  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

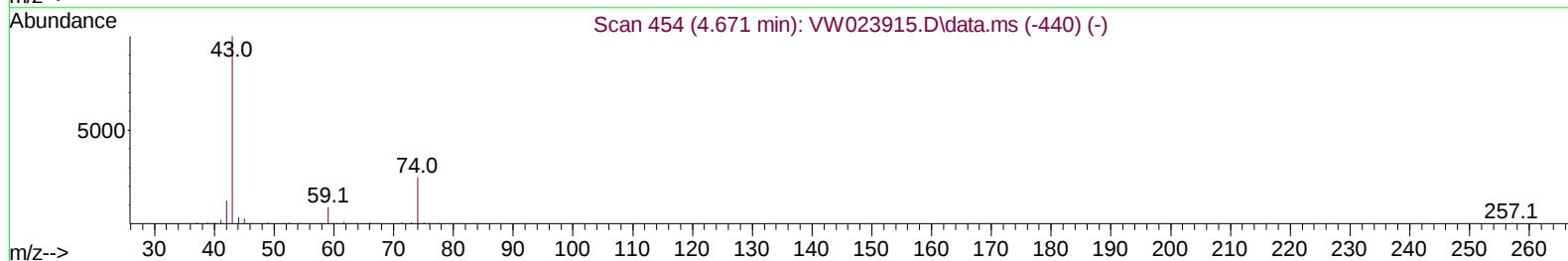
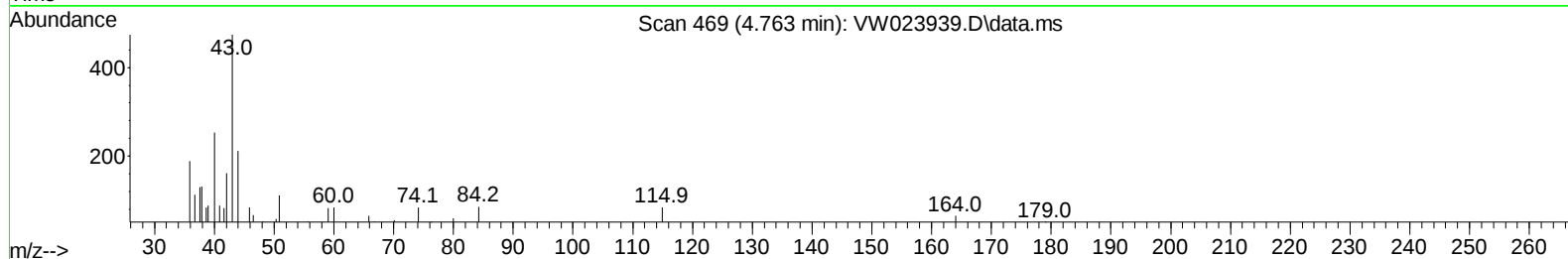
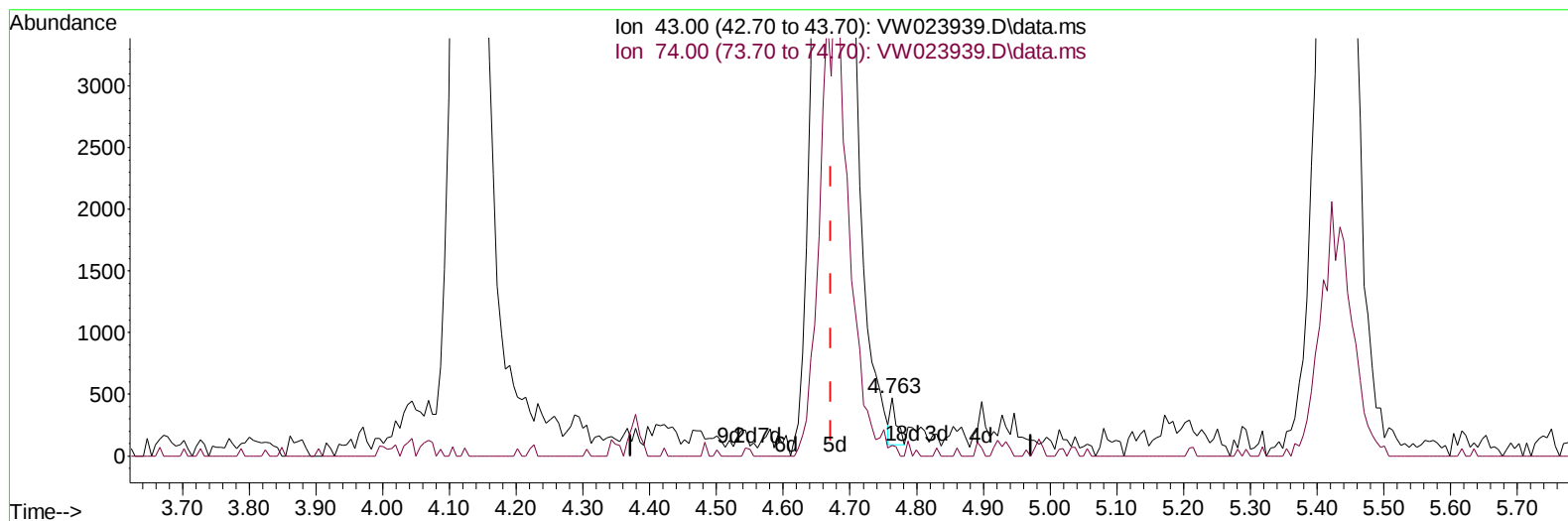
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 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC025

Manual IntegrationsAPPROVED

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Reviewed By :Semsettin Yesilyurt 07/21/2022  
 Supervised By :Mahesh Dadoda 07/21/2022



TIC: VW023939.D\data.ms

(15) Methyl Acetate (T)

4.763min (+ 0.092) 0.14 ug/L

response 249

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 25.00  | 23.69  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

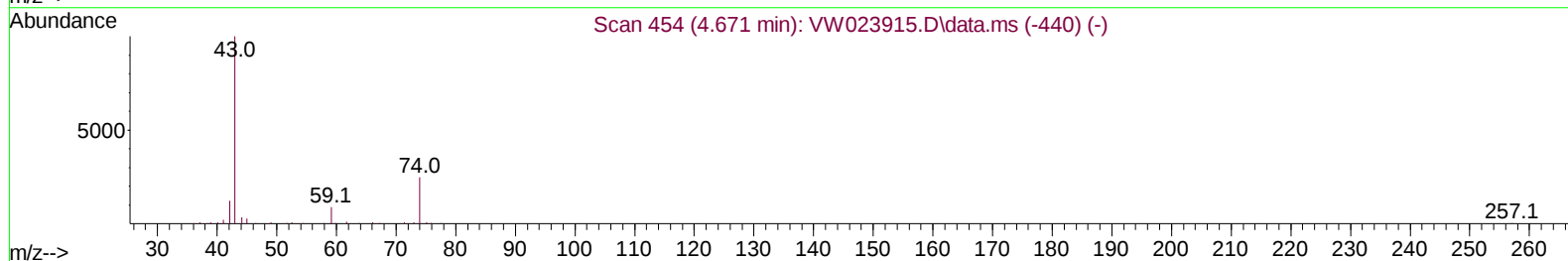
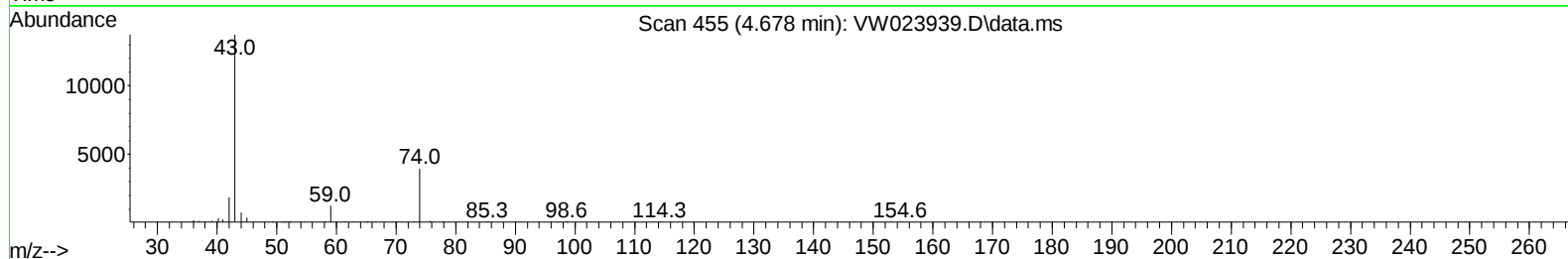
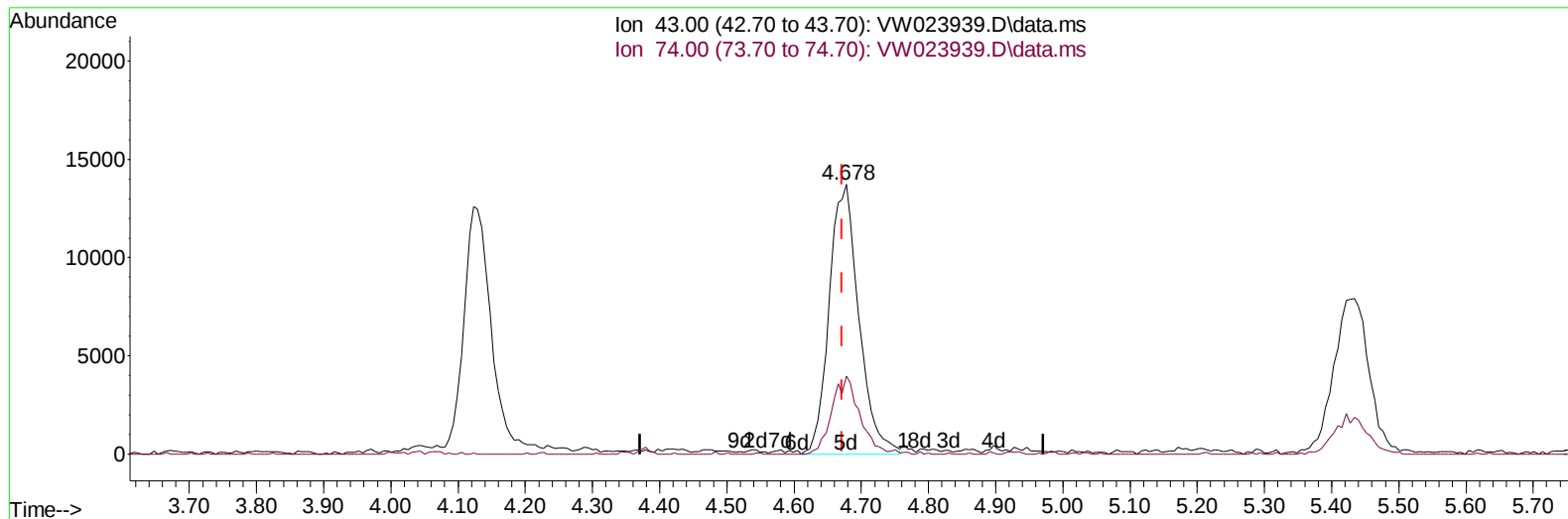
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 Acq On : 20 Jul 2022 15:53  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: Jul 20 23:09:51 2022  
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 QLast Update : Wed Jul 20 06:30:31 2022  
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Reviewed By :Semsettin Yesilyurt 07/21/2022  
 Supervised By :Mahesh Dadoda 07/21/2022



TIC: VW023939.D\data.ms

(15) Methyl Acetate (T)

4.678min (+ 0.006) 23.63 ug/L m

response 42091

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 25.00  | 0.14#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071922\  
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 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: Jul 20 23:09:51 2022  
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 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 20 06:30:31 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 07/21/2022  
 Supervised By :Mahesh Dadoda 07/21/2022

| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.842    | 114   | 284138   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 278718   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 157074   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.343    | 65    | 151011   | 20.809 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 83.240%  |          |
| 7) Chloroethane-d5            | 2.879    | 69    | 111734   | 23.079 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 92.320%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.013    | 63    | 148327   | 25.100 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 100.400% |          |
| 21) 2-Butanone-d5             | 7.080    | 46    | 54165    | 48.119 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 96.240%  |          |
| 24) Chloroform-d              | 7.647    | 84    | 207226   | 25.050 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 100.200% |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 110294   | 21.799 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 87.200%  |          |
| 32) Benzene-d6                | 8.275    | 84    | 383256   | 26.452 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 105.800% |          |
| 36) 1,2-Dichloropropane-d6    | 9.275    | 67    | 113780   | 26.071 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 104.280% |          |
| 41) Toluene-d8                | 10.323   | 98    | 361941   | 24.628 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 98.520%  |          |
| 43) trans-1,3-Dichloroprop... | 10.573   | 79    | 49390    | 24.143 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 96.560%  |          |
| 47) 2-Hexanone-d5             | 10.921   | 63    | 48922    | 53.309 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 106.620% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689   | 84    | 119854   | 24.850 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 99.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 138042   | 24.619 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 98.480%  |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        | Qvalue   |          |
| 2) Dichlorodifluoromethane    | 2.001    | 85    | 67557m   | 34.987 | ug/L     |          |
| 3) Chloromethane              | 2.215    | 50    | 121888   | 25.777 | ug/L     | 99       |
| 5) Vinyl chloride             | 2.355    | 62    | 179709   | 22.132 | ug/L     | 99       |
| 6) Bromomethane               | 2.764    | 94    | 87171    | 16.598 | ug/L     | 93       |
| 8) Chloroethane               | 2.916    | 64    | 89427    | 23.541 | ug/L     | 95       |
| 9) Trichlorofluoromethane     | 3.245    | 101   | 90116    | 24.416 | ug/L     | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.050    | 101   | 98293    | 27.212 | ug/L     | 99       |
| 12) 1,1-Dichloroethene        | 4.038    | 96    | 79070    | 26.252 | ug/L     | 87       |
| 13) Acetone                   | 4.123    | 43    | 35453    | 44.547 | ug/L     | 78       |
| 14) Carbon disulfide          | 4.379    | 76    | 204985   | 23.136 | ug/L     | 99       |
| 15) Methyl Acetate            | 4.678    | 43    | 42091m   | 23.631 | ug/L     |          |
| 16) Methylene chloride        | 4.916    | 84    | 105240   | 23.686 | ug/L     | 96       |
| 17) trans-1,2-Dichloroethene  | 5.415    | 96    | 90671    | 24.811 | ug/L     | 97       |
| 18) Methyl tert-butyl Ether   | 5.434    | 73    | 137552   | 24.330 | ug/L     | 98       |
| 19) 1,1-Dichloroethane        | 6.214    | 63    | 177777   | 26.373 | ug/L     | 99       |
| 20) cis-1,2-Dichloroethene    | 7.165    | 96    | 104838   | 25.895 | ug/L #   | 90       |
| 22) 2-Butanone                | 7.171    | 43    | 57269    | 43.787 | ug/L     | 99       |
| 23) Bromochloromethane        | 7.513    | 128   | 50458    | 25.944 | ug/L     | 96       |

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 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC025

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022  
 Supervised By :Mahesh Dadoda 07/21/2022

Quant Time: Jul 20 23:09:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 20 06:30:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 25) Chloroform                | 7.677  | 83   | 199940   | 25.746 | ug/L   | 93       |
| 27) 1,2-Dichloroethane        | 8.397  | 62   | 132093   | 23.111 | ug/L   | 99       |
| 29) Cyclohexane               | 7.958  | 56   | 133743   | 26.237 | ug/L   | 98       |
| 30) 1,1,1-Trichloroethane     | 7.866  | 97   | 165493   | 27.423 | ug/L   | 99       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 150265   | 27.622 | ug/L   | 99       |
| 33) Benzene                   | 8.323  | 78   | 417218   | 26.342 | ug/L   | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 107669   | 25.743 | ug/L   | 97       |
| 35) Methylcyclohexane         | 9.335  | 83   | 166818   | 26.193 | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 108243   | 27.259 | ug/L   | 99       |
| 38) Bromodichloromethane      | 9.646  | 83   | 150008   | 27.067 | ug/L # | 98       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 161187   | 26.932 | ug/L   | 97       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 136414   | 49.368 | ug/L   | 96       |
| 42) Toluene                   | 10.384 | 91   | 480463   | 26.599 | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 10.604 | 75   | 149541   | 26.288 | ug/L   | 95       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 89115    | 25.666 | ug/L   | 98       |
| 46) Tetrachloroethene         | 10.860 | 164  | 84390    | 26.094 | ug/L   | 100      |
| 48) 2-Hexanone                | 10.969 | 43   | 102964   | 51.180 | ug/L   | 96       |
| 49) Dibromochloromethane      | 11.128 | 129  | 107227   | 26.630 | ug/L   | 92       |
| 50) 1,2-Dibromoethane         | 11.238 | 107  | 84955    | 25.468 | ug/L   | 98       |
| 51) Chlorobenzene             | 11.652 | 112  | 319734   | 26.245 | ug/L   | 96       |
| 52) Ethylbenzene              | 11.731 | 91   | 534161   | 26.023 | ug/L   | 99       |
| 53) m,p-Xylene                | 11.835 | 106  | 212496   | 26.533 | ug/L   | 95       |
| 54) o-Xylene                  | 12.164 | 106  | 205809   | 26.759 | ug/L   | 95       |
| 55) Styrene                   | 12.176 | 104  | 362123   | 26.651 | ug/L   | 95       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 118146   | 24.947 | ug/L   | 97       |
| 59) Bromoform                 | 12.347 | 173  | 59826    | 25.830 | ug/L   | 96       |
| 60) Isopropylbenzene          | 12.463 | 105  | 566389   | 26.843 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 84222    | 24.453 | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.939 | 105  | 473372   | 27.403 | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 466431   | 27.007 | ug/L   | 96       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 258833   | 27.018 | ug/L   | 90       |
| 65) 1,4-Dichlorobenzene       | 13.573 | 146  | 262259   | 25.732 | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 239313   | 26.487 | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 17745    | 22.338 | ug/L # | 77       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 167724   | 26.451 | ug/L   | 94       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 132352   | 27.031 | ug/L   | 99       |
| 71) Naphthalene               | 15.359 | 128  | 279499   | 26.611 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 125743   | 27.552 | ug/L   | 98       |

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

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