

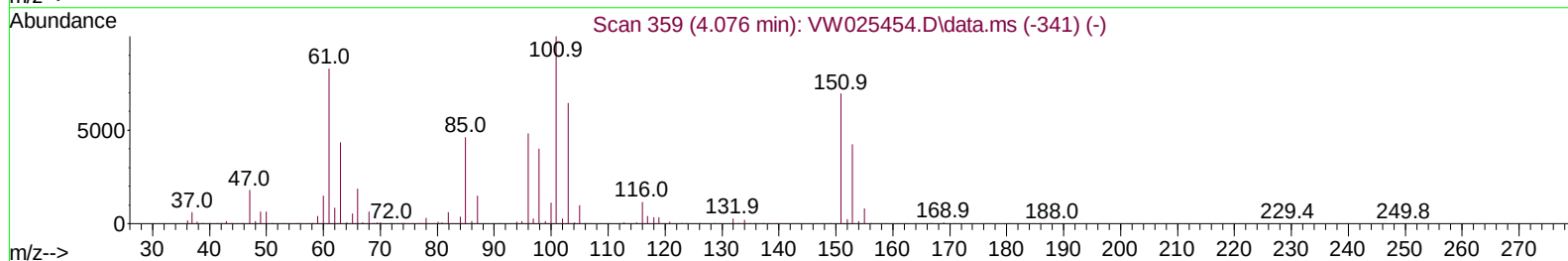
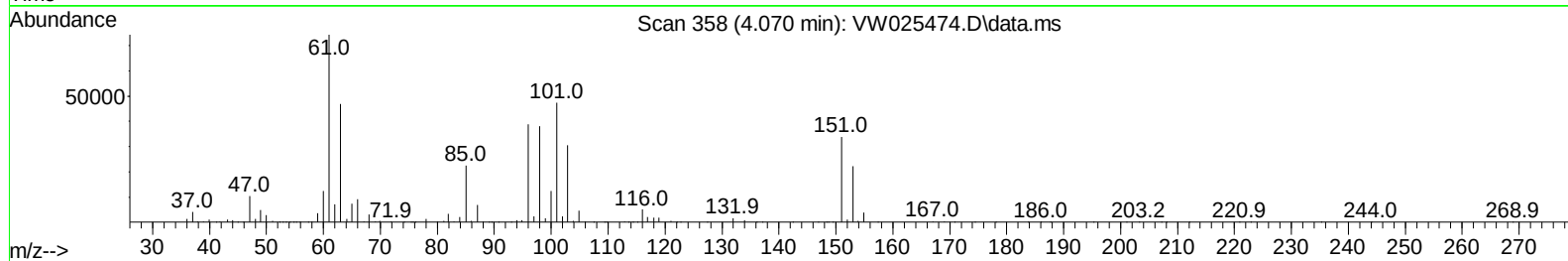
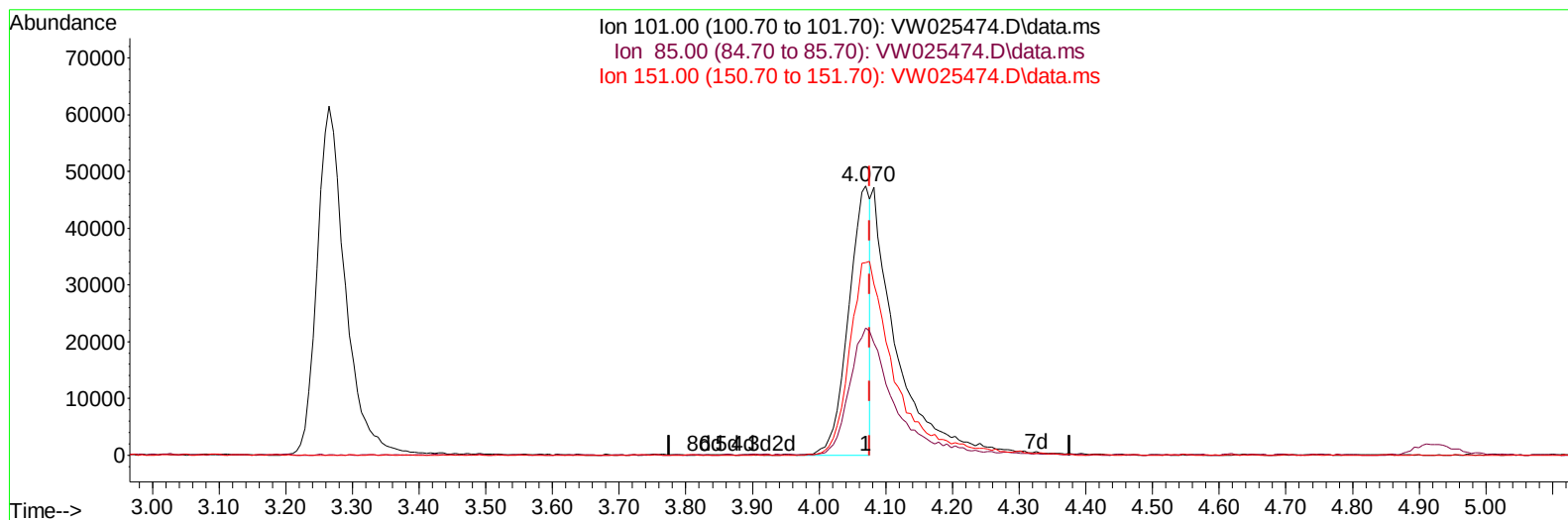
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW032123\  
 Data File : VW025474.D  
 Acq On : 21 Mar 2023 17:28  
 Operator : SY/MD  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC025EC

Manual IntegrationsAPPROVED

Quant Time: Mar 22 01:36:02 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM030623SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Mar 22 01:30:00 2023  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 03/22/2023  
 Supervised By :Mahesh Dadoda 03/22/2023



TIC: VW025474.D\data.ms

**(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)**

4.070min (-0.006) 11.87 ug/L

response 107094

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 101.00 | 100.00 | 100.00  |
| 85.00  | 44.80  | 88.93#  |
| 151.00 | 67.70  | 135.05# |
| 0.00   | 0.00   | 0.00    |

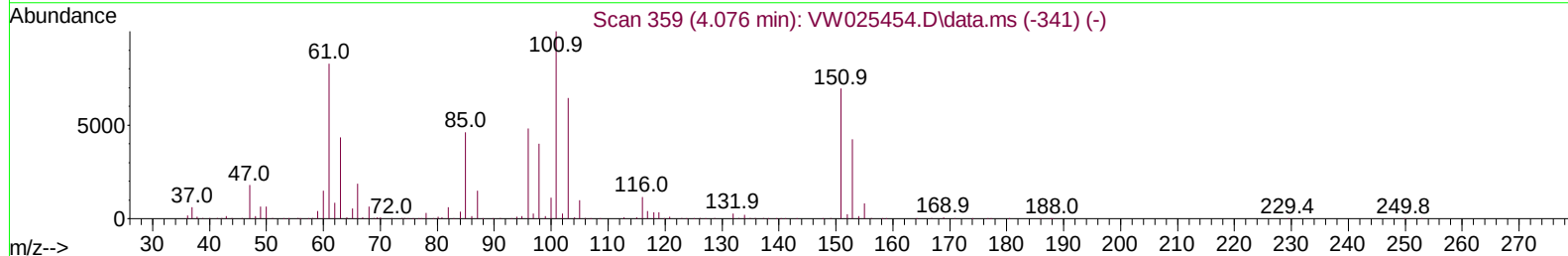
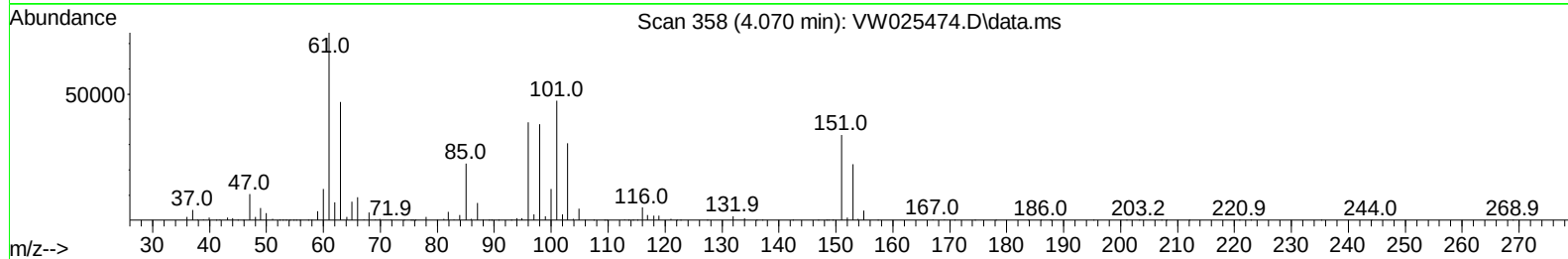
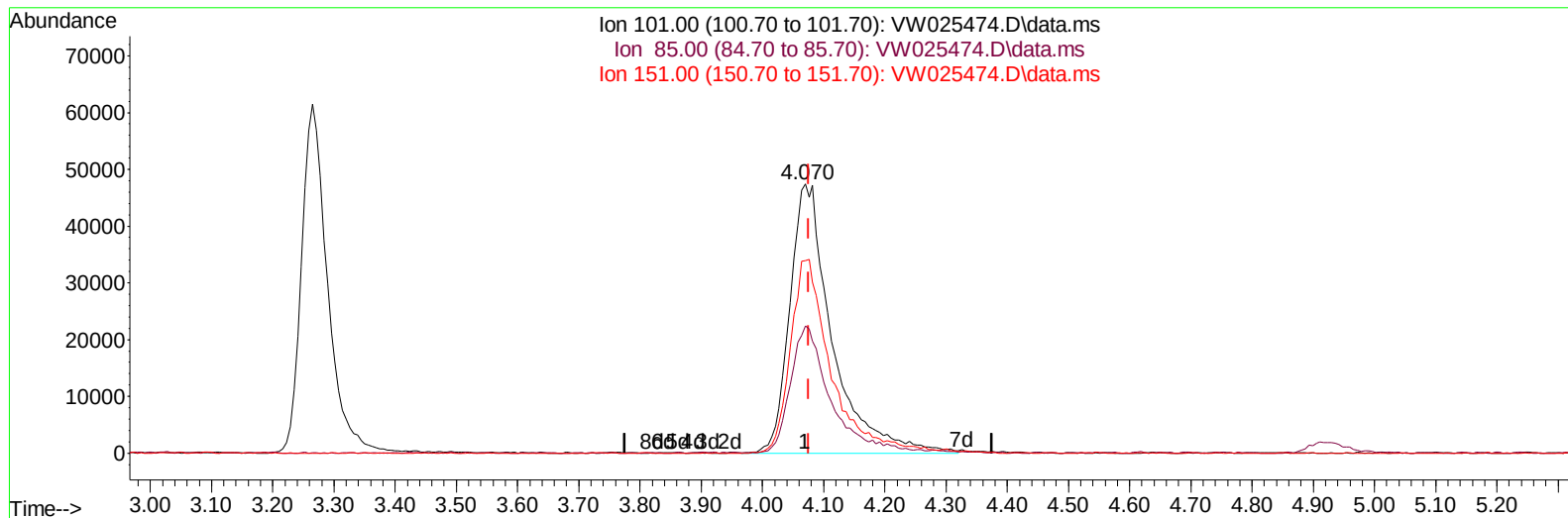
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 Supervised By :Mahesh Dadoda 03/22/2023



TIC: VW025474.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.070min (-0.006) 25.20 ug/L m

response 227455

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 101.00 | 100.00 | 100.00 |
| 85.00  | 44.80  | 41.87  |
| 151.00 | 67.70  | 63.59  |
| 0.00   | 0.00   | 0.00   |

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Manual IntegrationsAPPROVED

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| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.843    | 114   | 700218   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   | 636789   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   | 316435   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.369    | 65    | 210183   | 18.053 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 72.200%  |          |
| 7) Chloroethane-d5            | 2.899    | 69    | 170606   | 20.365 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 81.480%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.033    | 63    | 468277   | 20.824 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 83.280%  |          |
| 21) 2-Butanone-d5             | 7.075    | 46    | 147779   | 51.712 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 103.420% |          |
| 24) Chloroform-d              | 7.648    | 84    | 488976   | 24.223 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 96.880%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.301    | 65    | 260785   | 24.069 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 96.280%  |          |
| 32) Benzene-d6                | 8.270    | 84    | 971938   | 22.338 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 89.360%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.270    | 67    | 312817   | 23.239 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 92.960%  |          |
| 41) Toluene-d8                | 10.319   | 98    | 848693   | 22.123 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 88.480%  |          |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    | 118473   | 22.103 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 88.400%  |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    | 98558    | 50.918 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 101.840% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    | 239998   | 24.337 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 97.360%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.849   | 152   | 267729   | 22.752 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 91.000%  |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.015    | 85    | 157724   | 19.710 | ug/L     | 93       |
| 3) Chloromethane              | 2.223    | 50    | 248825   | 26.145 | ug/L     | 100      |
| 5) Vinyl chloride             | 2.375    | 62    | 251928   | 23.430 | ug/L     | 98       |
| 6) Bromomethane               | 2.790    | 94    | 142981   | 24.942 | ug/L     | 98       |
| 8) Chloroethane               | 2.936    | 64    | 153244   | 24.797 | ug/L     | 98       |
| 9) Trichlorofluoromethane     | 3.265    | 101   | 180896   | 19.437 | ug/L     | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.070    | 101   | 227455m  | 25.202 | ug/L     |          |
| 12) 1,1-Dichloroethene        | 4.052    | 96    | 212579   | 24.345 | ug/L     | 91       |
| 13) Acetone                   | 4.119    | 43    | 105463   | 38.390 | ug/L     | 100      |
| 14) Carbon disulfide          | 4.393    | 76    | 670992   | 24.715 | ug/L     | 100      |
| 15) Methyl Acetate            | 4.667    | 43    | 127393   | 24.719 | ug/L     | 98       |
| 16) Methylene chloride        | 4.923    | 84    | 243770   | 25.001 | ug/L     | 91       |
| 17) trans-1,2-Dichloroethene  | 5.423    | 96    | 237368   | 25.932 | ug/L     | 91       |
| 18) Methyl tert-butyl Ether   | 5.423    | 73    | 355982   | 25.832 | ug/L     | 98       |
| 19) 1,1-Dichloroethane        | 6.216    | 63    | 501711   | 26.468 | ug/L     | 98       |
| 20) cis-1,2-Dichloroethene    | 7.173    | 96    | 264521   | 26.394 | ug/L     | 96       |
| 22) 2-Butanone                | 7.167    | 43    | 165587   | 46.595 | ug/L     | 98       |
| 23) Bromochloromethane        | 7.514    | 128   | 107019   | 24.832 | ug/L     | 93       |

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 Quant Title : SFAM01.0  
 QLast Update : Wed Mar 22 01:30:00 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 25) Chloroform                | 7.673  | 83   | 468535   | 26.294 | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 317295   | 26.682 | ug/L  | 100      |
| 29) Cyclohexane               | 7.959  | 56   | 441235   | 24.547 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97   | 350740   | 23.170 | ug/L  | 97       |
| 31) Carbon tetrachloride      | 8.069  | 117  | 316448   | 23.321 | ug/L  | 100      |
| 33) Benzene                   | 8.325  | 78   | 1052073  | 25.841 | ug/L  | 100      |
| 34) Trichloroethene           | 9.087  | 95   | 262330   | 24.550 | ug/L  | 96       |
| 35) Methylcyclohexane         | 9.331  | 83   | 446633   | 24.264 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 9.368  | 63   | 286640   | 25.577 | ug/L  | 100      |
| 38) Bromodichloromethane      | 9.642  | 83   | 330541   | 25.291 | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 10.069 | 75   | 410630   | 25.434 | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 361206   | 53.627 | ug/L  | 99       |
| 42) Toluene                   | 10.386 | 91   | 1087466  | 25.870 | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 332415   | 24.586 | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 10.782 | 97   | 188516   | 25.049 | ug/L  | 98       |
| 46) Tetrachloroethene         | 10.861 | 164  | 174308   | 22.926 | ug/L  | 92       |
| 48) 2-Hexanone                | 10.965 | 43   | 240630   | 49.656 | ug/L  | 97       |
| 49) Dibromochloromethane      | 11.130 | 129  | 194851   | 24.231 | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 172869   | 24.815 | ug/L  | 98       |
| 51) Chlorobenzene             | 11.654 | 112  | 666119   | 24.968 | ug/L  | 97       |
| 52) Ethylbenzene              | 11.727 | 91   | 1213889  | 25.320 | ug/L  | 98       |
| 53) m,p-Xylene                | 11.837 | 106  | 450509   | 25.478 | ug/L  | 98       |
| 54) o-Xylene                  | 12.160 | 106  | 427767   | 25.708 | ug/L  | 98       |
| 55) Styrene                   | 12.178 | 104  | 748693   | 26.349 | ug/L  | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 12.709 | 83   | 228788   | 24.439 | ug/L  | 96       |
| 59) Bromoform                 | 12.349 | 173  | 107046   | 23.447 | ug/L  | 99       |
| 60) Isopropylbenzene          | 12.459 | 105  | 1177886  | 24.970 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 168513   | 24.442 | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 963235   | 25.783 | ug/L  | 97       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 959118   | 26.060 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 474133   | 23.721 | ug/L  | 96       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 484324   | 23.622 | ug/L  | 89       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 433899   | 24.203 | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 14.483 | 75   | 36519    | 22.881 | ug/L  | 99       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 325802   | 23.978 | ug/L  | 97       |
| 70) 1,2,4-trichlorobenzene    | 15.123 | 180  | 266092   | 23.620 | ug/L  | 98       |
| 71) Naphthalene               | 15.360 | 128  | 572785   | 25.757 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 243981   | 24.112 | ug/L  | 99       |

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

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