

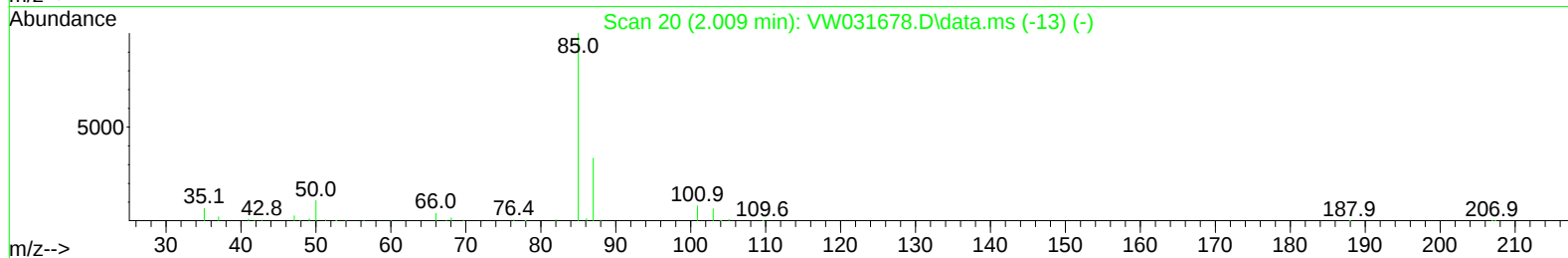
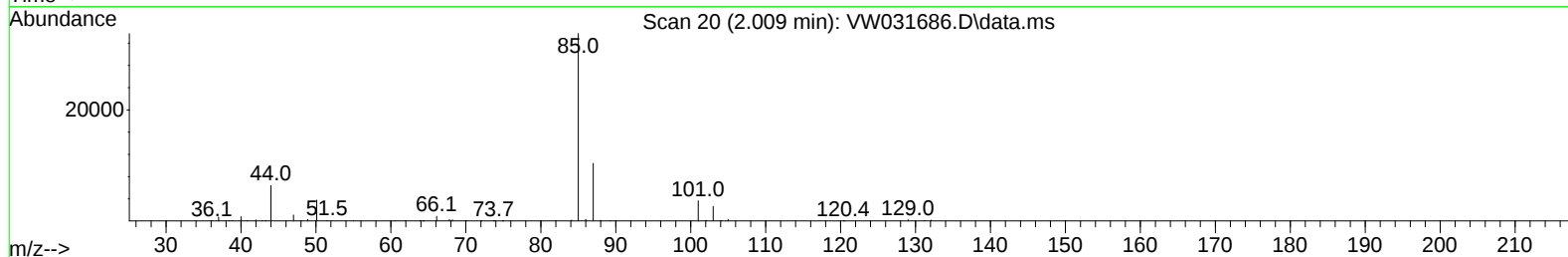
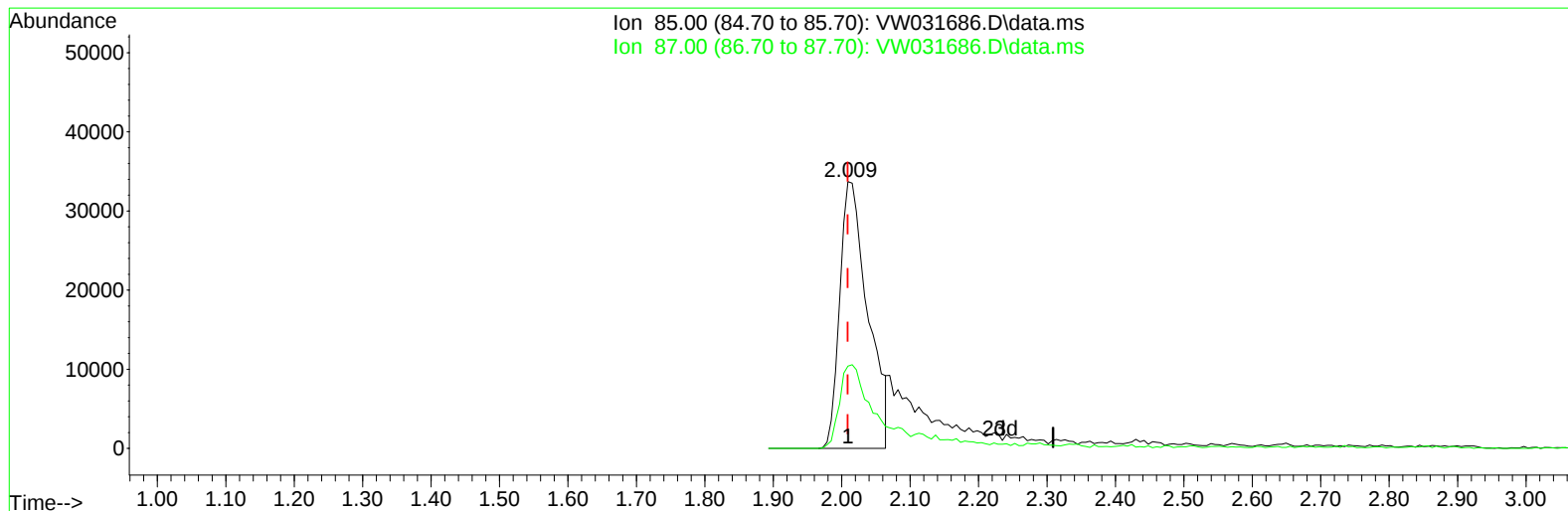
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW020325\  
Data File : VW031686.D  
Acq On : 03 Feb 2025 16:32  
Operator : SY/MD  
Sample : VSTDCCC025EC  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
LabSampleId :  
VSTDCCC025EC

## Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 02/04/2025  
Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 04 07:46:12 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM013125SMA.M  
Quant Title : SFAM01.0  
QLast Update : Mon Feb 03 07:53:12 2025  
Response via : Initial Calibration



TIC: VW031686.D\data.ms

## (2) Dichlorodifluoromethane (T)

2.009min (+ 0.000) 23.80 ug/L

response 96376

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 85.00 | 100.00 | 100.00 |
| 87.00 | 24.50  | 34.63# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

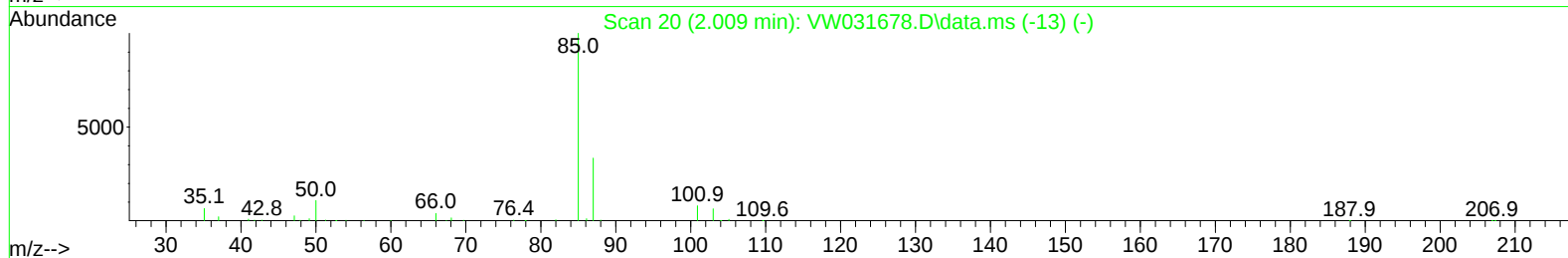
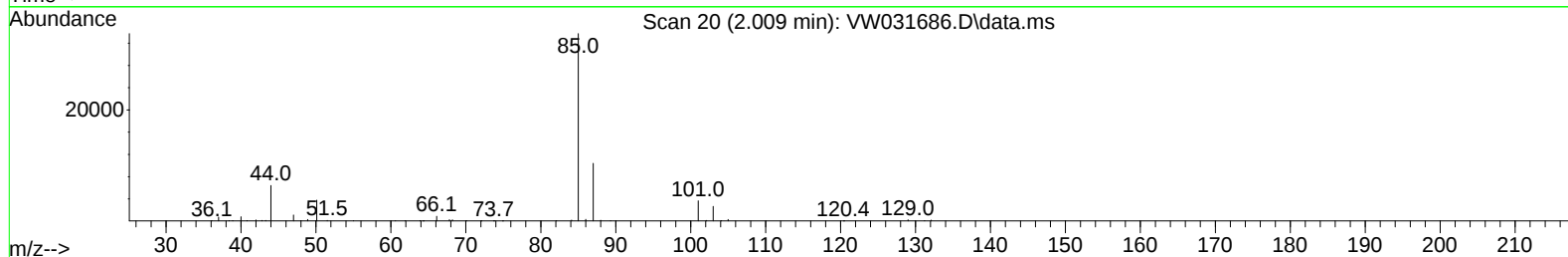
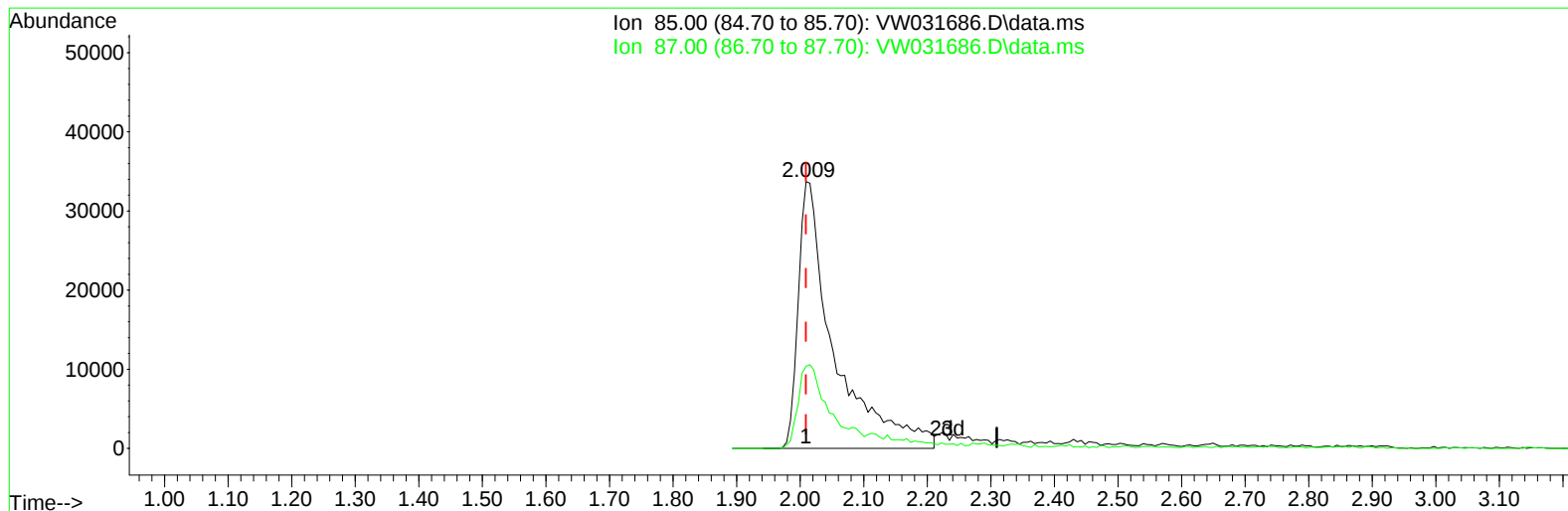
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Response via : Initial Calibration



TIC: VW031686.D\data.ms

## (2) Dichlorodifluoromethane (T)

2.009min (+ 0.000) 32.57 ug/L m

response 131924

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 85.00 | 100.00 | 100.00 |
| 87.00 | 24.50  | 25.30  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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Instrument :  
 MSVOA\_W  
 LabSampleId :  
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Manual IntegrationsAPPROVED

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 Quant Title : SFAM01.0  
 QLast Update : Mon Feb 03 07:53:12 2025  
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 02/04/2025  
 Supervised By :Semsettin Yesilyurt 02/04/2025

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 286407   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.623 | 117   | 207690   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 88802    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 92927    | 20.690   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 82.760%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 63295    | 20.823   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 83.280%  |
| 11) 1,1-Dichloroethene-d2     | 4.015  | 65    | 43379    | 19.483   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 77.920%  |
| 21) 2-Butanone-d5             | 7.088  | 46    | 78321    | 55.330   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 110.660% |
| 24) Chloroform-d              | 7.648  | 84    | 140424   | 22.559   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 90.240%  |
| 26) 1,2-Dichloroethane-d4     | 8.301  | 65    | 56705    | 23.608   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 94.440%  |
| 32) Benzene-d6                | 8.270  | 84    | 306383   | 21.444   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 85.760%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 74396    | 21.356   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 85.440%  |
| 41) Toluene-d8                | 10.319 | 98    | 264111   | 20.584   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 82.320%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 24153    | 23.495   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 93.960%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 34258    | 52.622   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 105.240% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 61092    | 24.754   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 99.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 60085    | 20.715   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 82.880%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.009  | 85    | 131924m  | 32.573   | ug/L   |          |
| 3) Chloromethane              | 2.216  | 50    | 93819    | 24.300   | ug/L   | 95       |
| 5) Vinyl chloride             | 2.375  | 62    | 152512   | 28.679   | ug/L   | 99       |
| 6) Bromomethane               | 2.783  | 94    | 65209    | 26.989   | ug/L   | 91       |
| 8) Chloroethane               | 2.930  | 64    | 71313    | 27.534   | ug/L   | 96       |
| 9) Trichlorofluoromethane     | 3.259  | 101   | 112254   | 26.972   | ug/L   | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.064  | 101   | 135135   | 28.811   | ug/L   | 94       |
| 12) 1,1-Dichloroethene        | 4.039  | 96    | 121716   | 26.925   | ug/L   | 93       |
| 13) Acetone                   | 4.149  | 43    | 71169    | 62.809   | ug/L   | 97       |
| 14) Carbon disulfide          | 4.387  | 76    | 381062   | 27.658   | ug/L   | 95       |
| 15) Methyl Acetate            | 4.679  | 43    | 57448    | 28.850   | ug/L # | 100      |
| 16) Methylene chloride        | 4.923  | 84    | 78703    | 26.186   | ug/L   | 97       |
| 17) trans-1,2-Dichloroethene  | 5.423  | 96    | 117270   | 26.114   | ug/L   | 96       |
| 18) Methyl tert-butyl Ether   | 5.423  | 73    | 102101   | 26.476   | ug/L # | 91       |
| 19) 1,1-Dichloroethane        | 6.210  | 63    | 185643   | 26.754   | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 7.161  | 96    | 98529    | 25.444   | ug/L   | 97       |
| 22) 2-Butanone                | 7.179  | 43    | 94779    | 56.205   | ug/L   | 98       |
| 23) Bromochloromethane        | 7.514  | 128   | 33546    | 26.732   | ug/L   | 95       |
| 25) Chloroform                | 7.673  | 83    | 162163   | 26.259   | ug/L   | 97       |

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 VSTDCCC025EC

Manual IntegrationsAPPROVED

Quant Time: Feb 04 07:46:12 2025  
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 Quant Title : SFAM01.0  
 QLast Update : Mon Feb 03 07:53:12 2025  
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 02/04/2025  
 Supervised By :Semsettin Yesilyurt 02/04/2025

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 80676    | 27.013 | ug/L   | 98       |
| 29) Cyclohexane               | 7.953  | 56   | 271454   | 28.421 | ug/L   | 99       |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97   | 174911   | 26.494 | ug/L   | 99       |
| 31) Carbon tetrachloride      | 8.063  | 117  | 171878   | 27.699 | ug/L   | 100      |
| 33) Benzene                   | 8.319  | 78   | 422129   | 25.368 | ug/L   | 100      |
| 34) Trichloroethene           | 9.087  | 95   | 122910   | 25.040 | ug/L   | 97       |
| 35) Methylcyclohexane         | 9.331  | 83   | 289322   | 29.542 | ug/L   | 100      |
| 37) 1,2-Dichloropropane       | 9.361  | 63   | 84082    | 25.094 | ug/L   | 100      |
| 38) Bromodichloromethane      | 9.642  | 83   | 88941    | 25.489 | ug/L   | 96       |
| 39) cis-1,3-Dichloropropene   | 10.069 | 75   | 108677   | 26.106 | ug/L   | 100      |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 124896   | 56.343 | ug/L   | 100      |
| 42) Toluene                   | 10.386 | 91   | 432492   | 24.905 | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 80958    | 26.732 | ug/L   | 98       |
| 45) 1,1,2-Trichloroethane     | 10.782 | 97   | 52457    | 26.168 | ug/L   | 95       |
| 46) Tetrachloroethene         | 10.861 | 164  | 98943    | 27.112 | ug/L   | 99       |
| 48) 2-Hexanone                | 10.965 | 43   | 97858    | 58.760 | ug/L   | 99       |
| 49) Dibromochloromethane      | 11.123 | 129  | 48089    | 25.918 | ug/L   | 95       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 52111    | 26.912 | ug/L # | 97       |
| 51) Chlorobenzene             | 11.654 | 112  | 228185   | 24.545 | ug/L   | 93       |
| 52) Ethylbenzene              | 11.727 | 91   | 496784   | 24.804 | ug/L   | 99       |
| 53) m,p-Xylene                | 11.837 | 106  | 184910   | 25.506 | ug/L   | 94       |
| 54) o-Xylene                  | 12.160 | 106  | 153402   | 24.837 | ug/L   | 98       |
| 55) Styrene                   | 12.178 | 104  | 239829   | 25.163 | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 12.708 | 83   | 68619    | 26.350 | ug/L   | 96       |
| 59) Bromoform                 | 12.343 | 173  | 27091    | 27.706 | ug/L   | 97       |
| 60) Isopropylbenzene          | 12.458 | 105  | 521448   | 25.422 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 54204    | 26.758 | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.934 | 105  | 369094   | 24.474 | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 340030   | 25.098 | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 155197   | 24.907 | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 152579   | 24.839 | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 13.861 | 146  | 127316   | 24.969 | ug/L   | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75   | 15936    | 28.560 | ug/L   | 97       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 98736    | 22.718 | ug/L   | 93       |
| 70) 1,2,4-trichlorobenzene    | 15.123 | 180  | 77444    | 24.411 | ug/L   | 98       |
| 71) Naphthalene               | 15.360 | 128  | 168303   | 25.940 | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 15.543 | 180  | 62482    | 24.164 | ug/L   | 98       |

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

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