

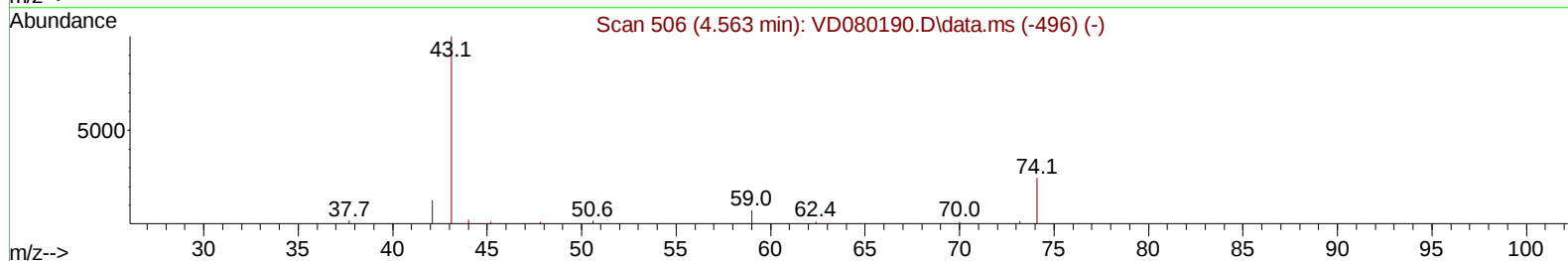
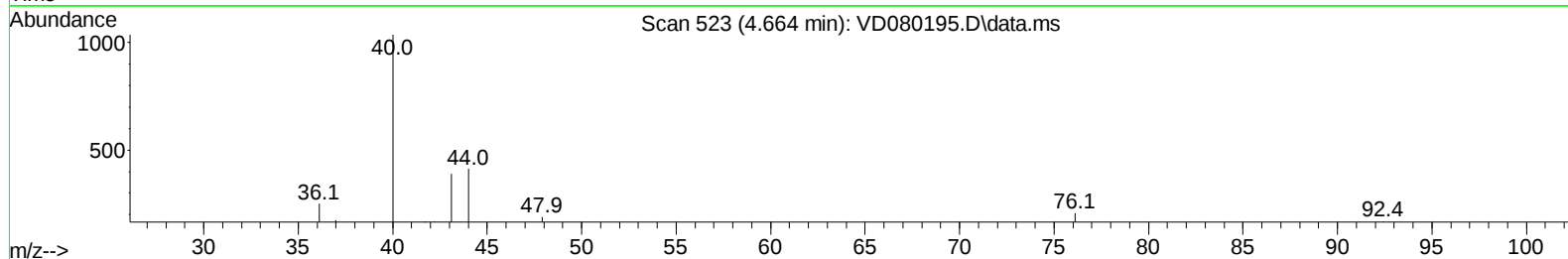
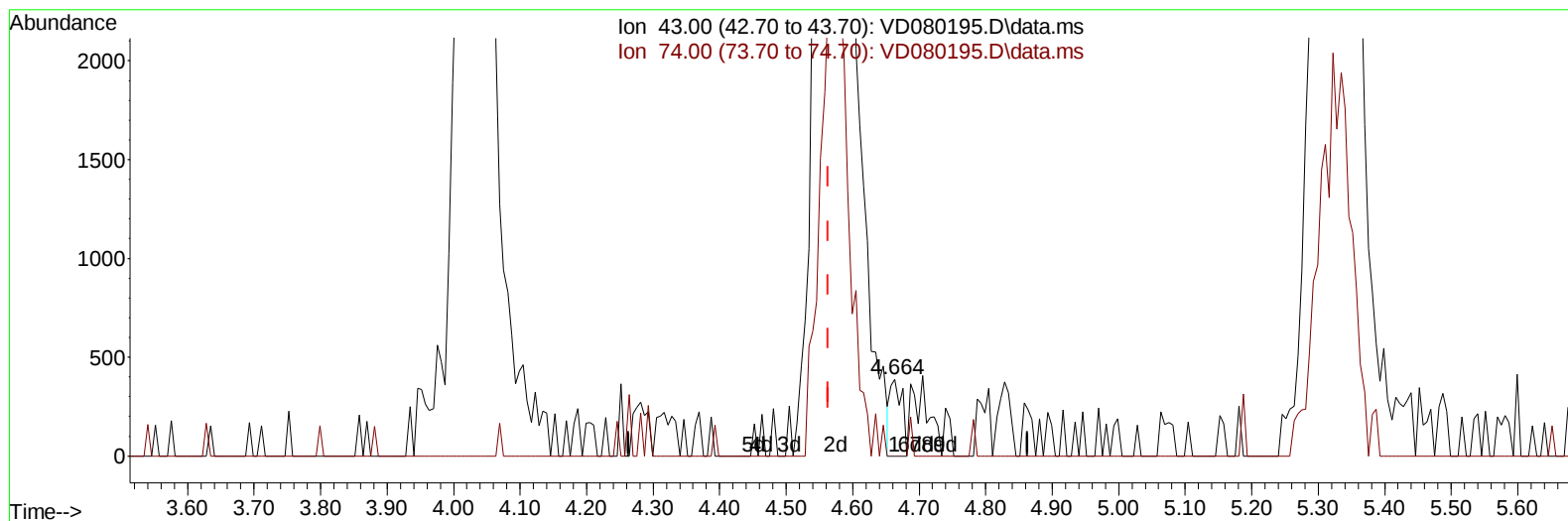
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD010925\  
Data File : VD080195.D  
Acq On : 09 Jan 2025 15:04  
Operator : RP/MD  
Sample : VSTDICV025  
Misc : 5.00G/10ml/MSVOA\_D/SOIL  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VICV869

Manual IntegrationsAPPROVED

Quant Time: Jan 09 20:19:34 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM010925SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Jan 09 20:13:33 2025  
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 01/10/2025  
Supervised By :Semsettin Yesilyurt 01/10/2025



TIC: VD080195.D\data.ms

(15) Methyl Acetate (T)

4.664min (+ 0.100) 0.29 ug/L

response 475

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 12.60  | 11.58  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

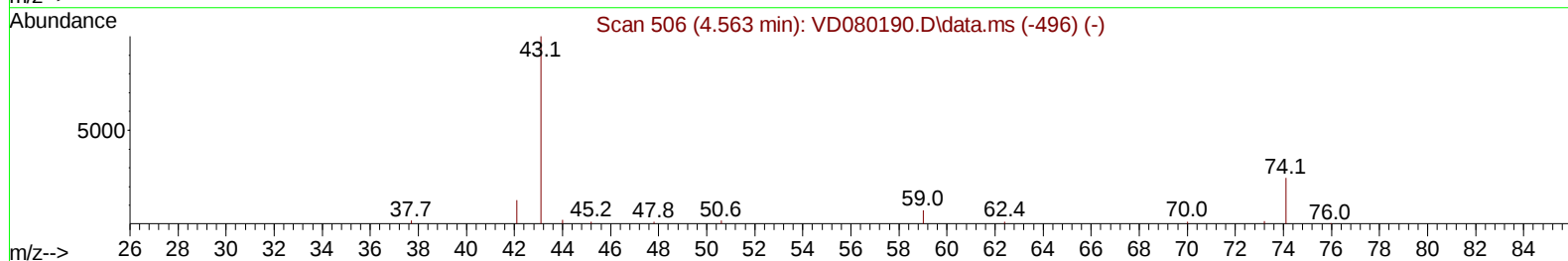
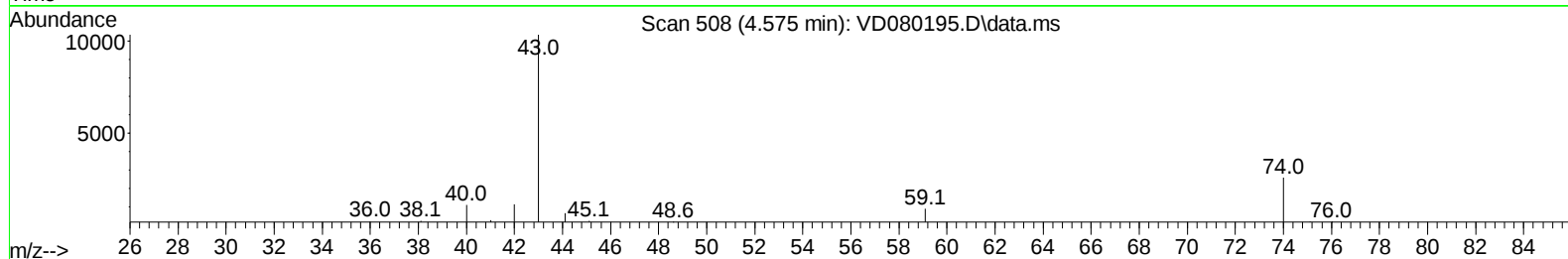
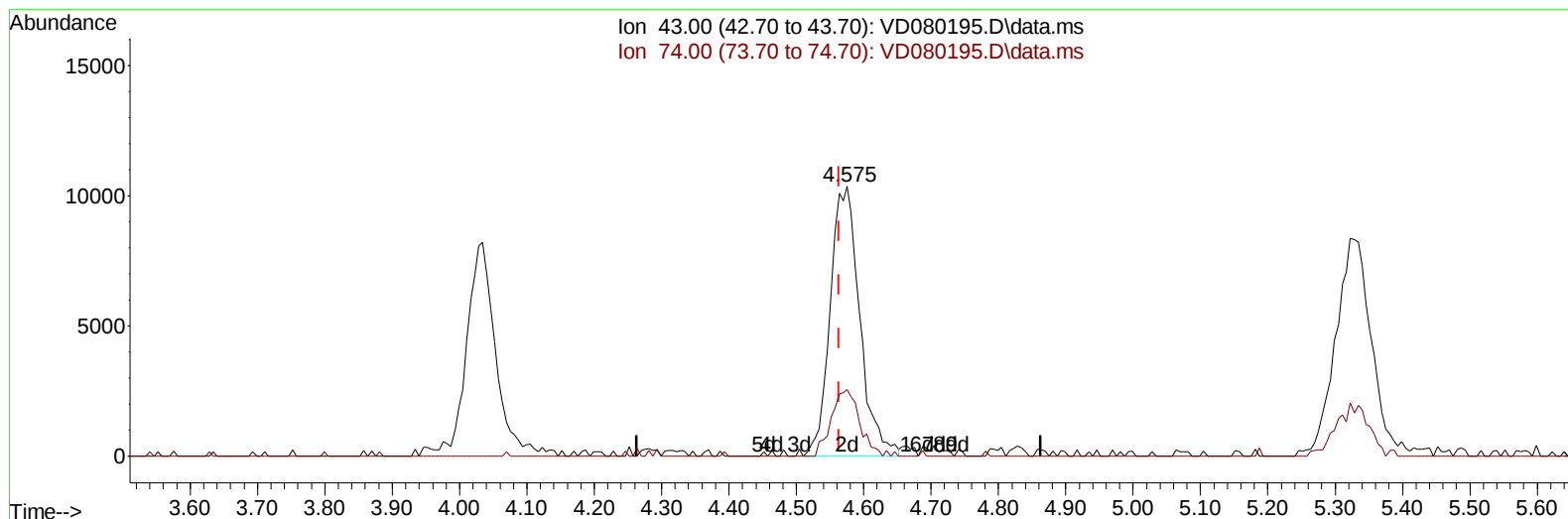
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Supervised By :Semsettin Yesilyurt 01/10/2025



TIC: VD080195.D\data.ms

(15) Methyl Acetate (T)

4.575min (+ 0.012) 19.27 ug/L m

response 31417

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 12.60  | 0.18#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.781    | 114   | 242700   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.587   | 117   | 230234   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522   | 152   | 122520   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.276    | 65    | 181798   | 25.540 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 102.160% |          |
| 7) Chloroethane-d5            | 2.805    | 69    | 155460   | 26.875 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 107.520% |          |
| 11) 1,1-Dichloroethene-d2     | 3.917    | 65    | 42610    | 24.807 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 99.240%  |          |
| 21) 2-Butanone-d5             | 6.993    | 46    | 38217    | 46.412 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 92.820%  |          |
| 24) Chloroform-d              | 7.569    | 84    | 187393   | 24.605 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 98.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.234    | 65    | 102114   | 25.597 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 102.400% |          |
| 32) Benzene-d6                | 8.205    | 84    | 385753   | 25.953 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 103.800% |          |
| 36) 1,2-Dichloropropane-d6    | 9.210    | 67    | 123548   | 25.114 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 100.440% |          |
| 41) Toluene-d8                | 10.269   | 98    | 366195   | 27.033 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 108.120% |          |
| 43) trans-1,3-Dichloroprop... | 10.528   | 79    | 50233    | 24.992 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 99.960%  |          |
| 47) 2-Hexanone-d5             | 10.881   | 63    | 31673    | 51.661 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 103.320% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651   | 84    | 94411    | 25.611 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 102.440% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816   | 152   | 115932   | 25.171 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 100.680% |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.934    | 85    | 92098    | 19.120 | ug/L     | 99       |
| 3) Chloromethane              | 2.152    | 50    | 131529   | 20.030 | ug/L     | 96       |
| 5) Vinyl chloride             | 2.287    | 62    | 167583   | 20.798 | ug/L     | 98       |
| 6) Bromomethane               | 2.699    | 94    | 94802    | 20.203 | ug/L     | 100      |
| 8) Chloroethane               | 2.840    | 64    | 105413   | 21.327 | ug/L     | 96       |
| 9) Trichlorofluoromethane     | 3.181    | 101   | 141741   | 21.171 | ug/L     | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 3.970    | 101   | 82004    | 21.468 | ug/L     | 99       |
| 12) 1,1-Dichloroethene        | 3.946    | 96    | 70319    | 20.624 | ug/L     | 96       |
| 13) Acetone                   | 4.034    | 43    | 23027    | 35.353 | ug/L     | 87       |
| 14) Carbon disulfide          | 4.275    | 76    | 266093   | 20.939 | ug/L     | 99       |
| 15) Methyl Acetate            | 4.575    | 43    | 31417m   | 19.274 | ug/L     |          |
| 16) Methylene chloride        | 4.805    | 84    | 83892    | 20.362 | ug/L     | 100      |
| 17) trans-1,2-Dichloroethene  | 5.322    | 96    | 79723    | 21.494 | ug/L     | 92       |
| 18) Methyl tert-butyl Ether   | 5.328    | 73    | 142633   | 20.182 | ug/L     | 99       |
| 19) 1,1-Dichloroethane        | 6.116    | 63    | 149315   | 20.852 | ug/L     | 95       |
| 20) cis-1,2-Dichloroethene    | 7.087    | 96    | 81940    | 21.007 | ug/L     | 95       |
| 22) 2-Butanone                | 7.087    | 43    | 35045    | 37.764 | ug/L     | 100      |
| 23) Bromochloromethane        | 7.434    | 128   | 38479    | 20.399 | ug/L     | 92       |

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Manual IntegrationsAPPROVED

Quant Time: Jan 09 20:19:34 2025  
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 Quant Title : SFAM01.0  
 QLast Update : Thu Jan 09 20:13:33 2025  
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 01/10/2025  
 Supervised By :Semsettin Yesilyurt 01/10/2025

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 25) Chloroform                | 7.599  | 83   | 169937   | 21.413 | ug/L   | 96       |
| 27) 1,2-Dichloroethane        | 8.328  | 62   | 95614    | 20.653 | ug/L   | 96       |
| 29) Cyclohexane               | 7.881  | 56   | 126824   | 21.894 | ug/L   | 99       |
| 30) 1,1,1-Trichloroethane     | 7.799  | 97   | 130088   | 21.327 | ug/L   | 100      |
| 31) Carbon tetrachloride      | 7.999  | 117  | 117389   | 21.805 | ug/L   | 98       |
| 33) Benzene                   | 8.252  | 78   | 331168   | 21.153 | ug/L   | 100      |
| 34) Trichloroethene           | 9.028  | 95   | 86804    | 21.409 | ug/L   | 97       |
| 35) Methylcyclohexane         | 9.275  | 83   | 136886   | 22.704 | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 9.310  | 63   | 91569    | 21.468 | ug/L   | 100      |
| 38) Bromodichloromethane      | 9.587  | 83   | 114994   | 21.504 | ug/L   | 97       |
| 39) cis-1,3-Dichloropropene   | 10.022 | 75   | 132535   | 21.984 | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 10.163 | 43   | 84636    | 40.422 | ug/L   | 99       |
| 42) Toluene                   | 10.334 | 91   | 372464   | 22.771 | ug/L   | 96       |
| 44) trans-1,3-Dichloropropene | 10.552 | 75   | 113946   | 21.886 | ug/L   | 98       |
| 45) 1,1,2-Trichloroethane     | 10.734 | 97   | 64745    | 20.790 | ug/L   | 95       |
| 46) Tetrachloroethene         | 10.810 | 164  | 71030    | 21.742 | ug/L   | 91       |
| 48) 2-Hexanone                | 10.922 | 43   | 60744    | 42.549 | ug/L # | 98       |
| 49) Dibromochloromethane      | 11.075 | 129  | 74270    | 21.414 | ug/L   | 98       |
| 50) 1,2-Dibromoethane         | 11.181 | 107  | 58738    | 20.753 | ug/L   | 94       |
| 51) Chlorobenzene             | 11.610 | 112  | 220088   | 20.989 | ug/L   | 99       |
| 52) Ethylbenzene              | 11.687 | 91   | 389713   | 22.204 | ug/L   | 99       |
| 53) m,p-Xylene                | 11.793 | 106  | 148631   | 22.659 | ug/L   | 98       |
| 54) o-Xylene                  | 12.122 | 106  | 136680   | 22.274 | ug/L   | 94       |
| 55) Styrene                   | 12.134 | 104  | 251739   | 22.651 | ug/L   | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 12.675 | 83   | 74631    | 21.139 | ug/L # | 89       |
| 59) Bromoform                 | 12.299 | 173  | 45348    | 20.628 | ug/L   | 97       |
| 60) Isopropylbenzene          | 12.422 | 105  | 374843   | 21.937 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.728 | 75   | 50696    | 19.568 | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 290070   | 21.302 | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.216 | 105  | 290880   | 21.897 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 13.457 | 146  | 174446   | 20.870 | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 13.540 | 146  | 183954   | 21.314 | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 13.834 | 146  | 154723   | 20.665 | ug/L   | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 14.445 | 75   | 10568    | 18.759 | ug/L   | 93       |
| 69) 1,3,5-Trichlorobenzene    | 14.592 | 180  | 116031   | 20.414 | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 15.098 | 180  | 91769    | 19.786 | ug/L   | 100      |
| 71) Naphthalene               | 15.334 | 128  | 160426   | 19.658 | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 15.522 | 180  | 87992    | 20.426 | ug/L   | 100      |

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

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