

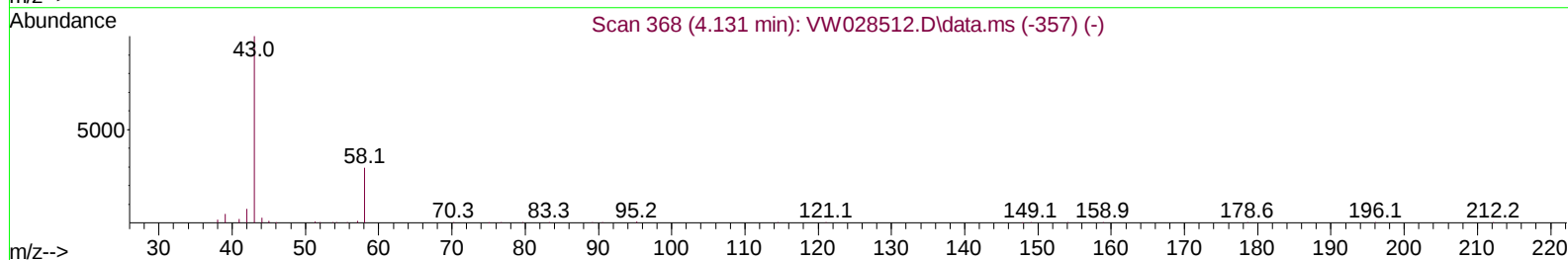
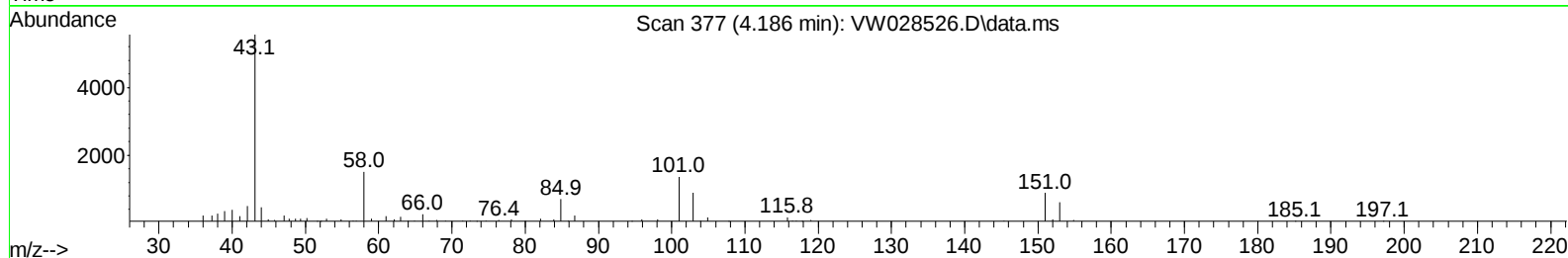
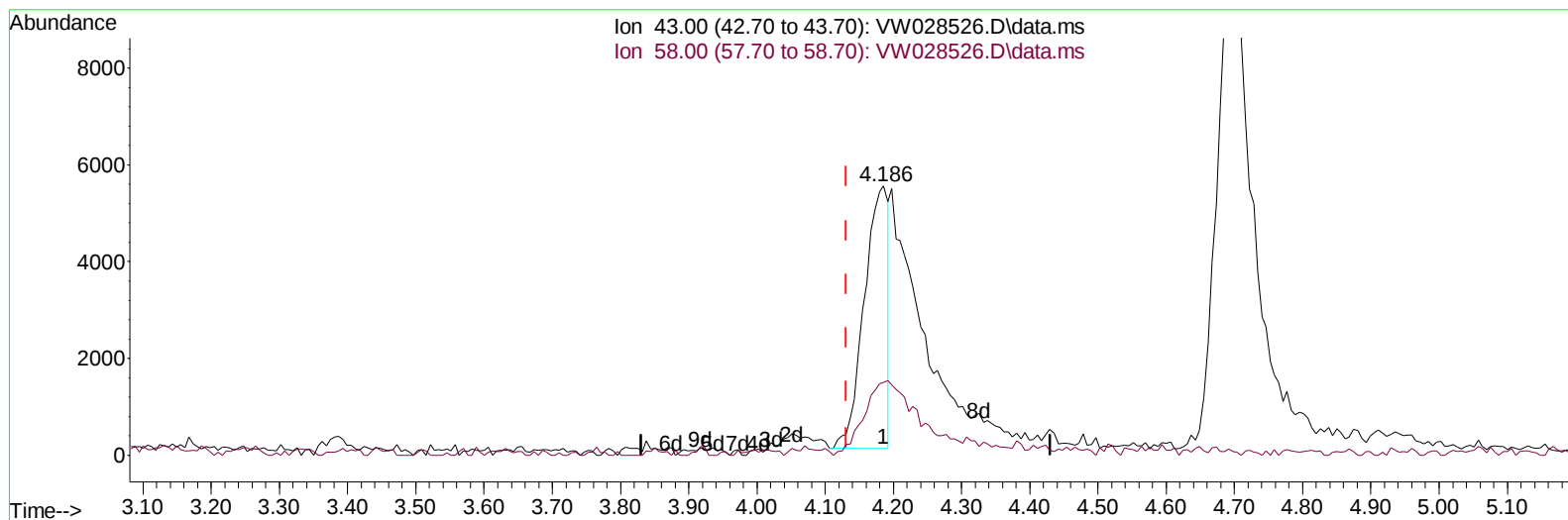
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042324\  
 Data File : VW028526.D  
 Acq On : 23 Apr 2024 17:44  
 Operator : SY/MD  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC025EC

Manual IntegrationsAPPROVED

Quant Time: Apr 24 01:26:06 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Apr 24 01:22:53 2024  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 04/24/2024  
 Supervised By :Mahesh Dadoda 04/24/2024



TIC: VW028526.D\data.ms

(13) Acetone (T)

4.186min (+ 0.055) 10.92 ug/L

response 13148

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 26.70  | 46.37  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

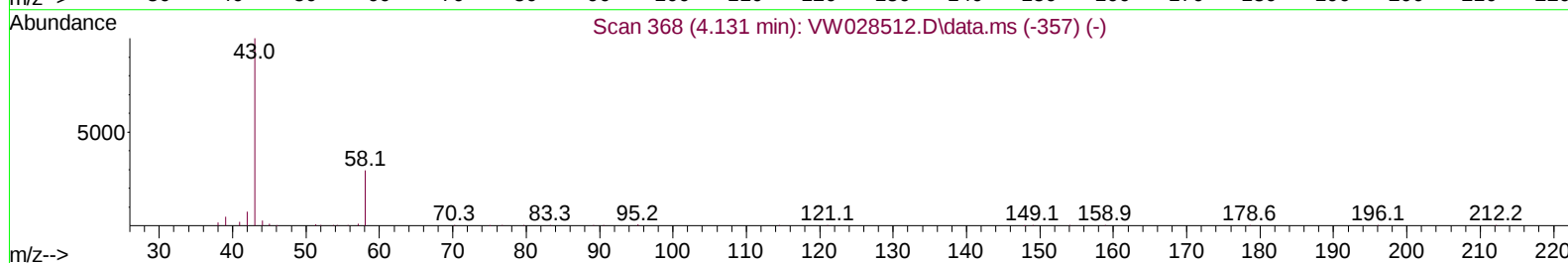
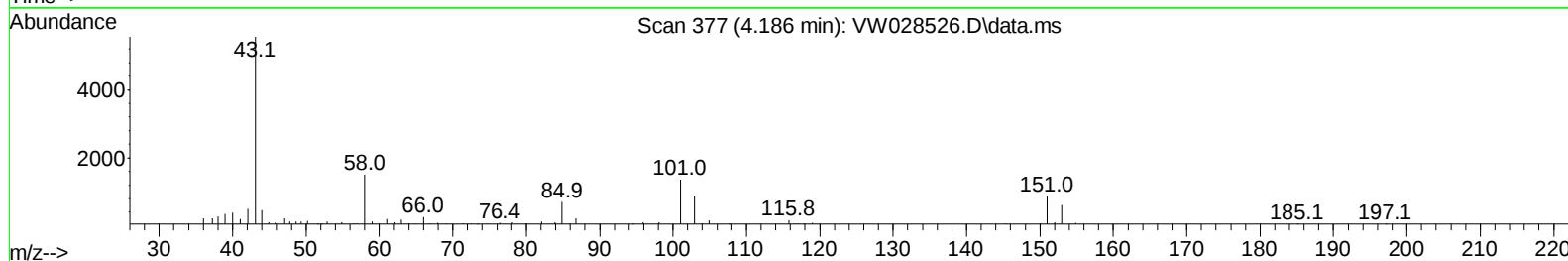
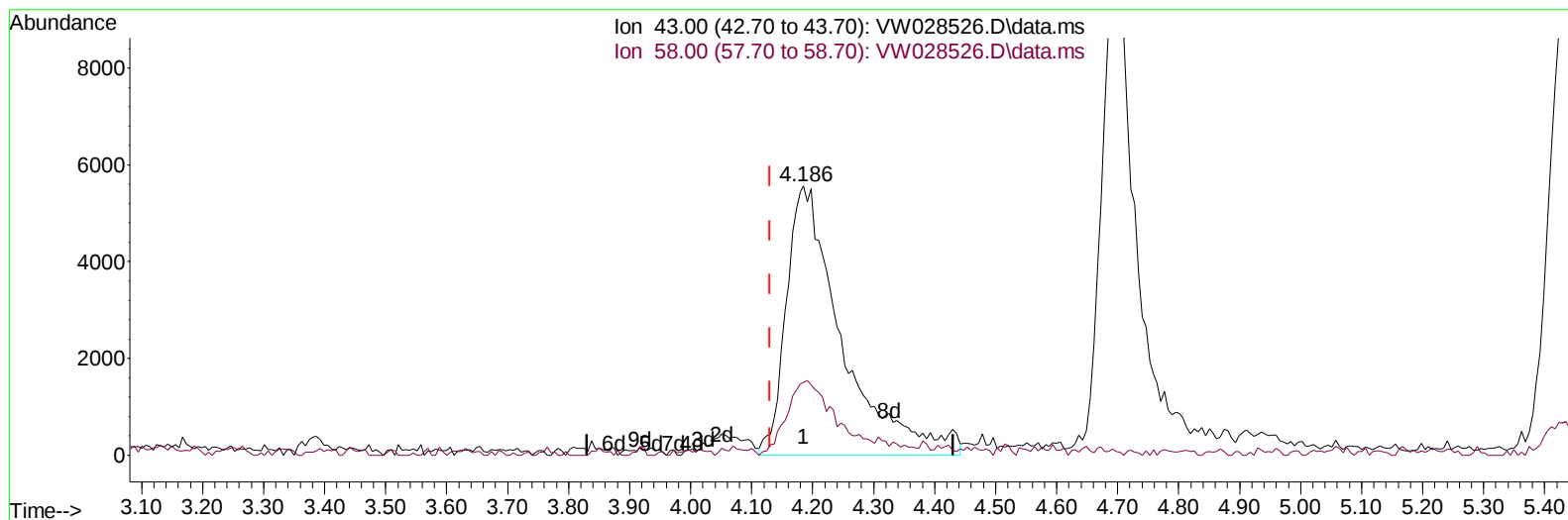
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TIC: VW028526.D\data.ms

(13) Acetone (T)

4.186min (+ 0.055) 29.33 ug/L m

response 35319

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 26.70  | 17.26  |
| 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        | 8.843    | 114   | 326873   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   | 298545   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   | 139716   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.350    | 65    | 89895    | 17.155 | ug/L     | -0.01    |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 68.600%  |          |
| 7) Chloroethane-d5            | 2.887    | 69    | 79457    | 20.005 | ug/L     | -0.01    |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 80.040%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.015    | 65    | 41053    | 18.500 | ug/L     | -0.01    |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 74.000%  |          |
| 21) 2-Butanone-d5             | 7.112    | 46    | 46119    | 47.032 | ug/L     | 0.03     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 94.060%  |          |
| 24) Chloroform-d              | 7.648    | 84    | 200450   | 23.501 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 94.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    | 105844   | 23.878 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 95.520%  |          |
| 32) Benzene-d6                | 8.276    | 84    | 370313   | 22.706 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 90.840%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.276    | 67    | 116585   | 24.049 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 96.200%  |          |
| 41) Toluene-d8                | 10.319   | 98    | 331697   | 22.366 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 89.480%  |          |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    | 43489    | 22.561 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 90.240%  |          |
| 47) 2-Hexanone-d5             | 10.928   | 63    | 31491    | 46.895 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 93.800%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    | 86082    | 25.167 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 100.680% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848   | 152   | 110865   | 25.091 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 100.360% |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        | Qvalue   |          |
| 2) Dichlorodifluoromethane    | 2.015    | 85    | 79450    | 18.072 | ug/L     | 100      |
| 3) Chloromethane              | 2.210    | 50    | 105251   | 20.391 | ug/L     | 98       |
| 5) Vinyl chloride             | 2.363    | 62    | 125965   | 20.492 | ug/L     | 100      |
| 6) Bromomethane               | 2.783    | 94    | 77064    | 20.066 | ug/L     | 97       |
| 8) Chloroethane               | 2.924    | 64    | 78572    | 21.204 | ug/L     | 96       |
| 9) Trichlorofluoromethane     | 3.253    | 101   | 98373    | 20.061 | ug/L     | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.057    | 101   | 92604    | 20.072 | ug/L #   | 68       |
| 12) 1,1-Dichloroethene        | 4.039    | 96    | 89621    | 20.689 | ug/L     | 87       |
| 13) Acetone                   | 4.186    | 43    | 35319m   | 29.334 | ug/L     |          |
| 14) Carbon disulfide          | 4.381    | 76    | 268461   | 18.824 | ug/L     | 99       |
| 15) Methyl Acetate            | 4.698    | 43    | 34999    | 18.066 | ug/L     | 99       |
| 16) Methylene chloride        | 4.911    | 84    | 102163   | 20.655 | ug/L     | 96       |
| 17) trans-1,2-Dichloroethene  | 5.423    | 96    | 95379    | 20.903 | ug/L     | 100      |
| 18) Methyl tert-butyl Ether   | 5.429    | 73    | 146297   | 22.792 | ug/L     | 100      |
| 19) 1,1-Dichloroethane        | 6.216    | 63    | 198108   | 22.283 | ug/L     | 97       |
| 20) cis-1,2-Dichloroethene    | 7.167    | 96    | 108057   | 22.312 | ug/L     | 97       |
| 22) 2-Butanone                | 7.191    | 43    | 44647    | 30.555 | ug/L     | 95       |
| 23) Bromochloromethane        | 7.514    | 128   | 44047    | 21.115 | ug/L     | 91       |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 25) Chloroform                | 7.679  | 83   | 196952   | 22.552 | ug/L  | 94       |
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 134161   | 22.257 | ug/L  | 98       |
| 29) Cyclohexane               | 7.953  | 56   | 163886   | 20.782 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.868  | 97   | 153940   | 21.261 | ug/L  | 98       |
| 31) Carbon tetrachloride      | 8.069  | 117  | 134862   | 21.004 | ug/L  | 99       |
| 33) Benzene                   | 8.319  | 78   | 418876   | 22.441 | ug/L  | 100      |
| 34) Trichloroethene           | 9.087  | 95   | 108388   | 21.427 | ug/L  | 97       |
| 35) Methylcyclohexane         | 9.337  | 83   | 174994   | 20.273 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 9.368  | 63   | 109743   | 22.557 | ug/L  | 100      |
| 38) Bromodichloromethane      | 9.642  | 83   | 135888   | 22.534 | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 10.075 | 75   | 158921   | 22.276 | ug/L  | 97       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 107993   | 44.343 | ug/L  | 99       |
| 42) Toluene                   | 10.386 | 91   | 442253   | 22.365 | ug/L  | 97       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 128891   | 22.332 | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 10.788 | 97   | 74805    | 22.727 | ug/L  | 96       |
| 46) Tetrachloroethene         | 10.861 | 164  | 77578    | 20.532 | ug/L  | 82       |
| 48) 2-Hexanone                | 10.971 | 43   | 73820    | 38.186 | ug/L  | 96       |
| 49) Dibromochloromethane      | 11.129 | 129  | 78400    | 22.286 | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 67511    | 22.473 | ug/L  | 97       |
| 51) Chlorobenzene             | 11.654 | 112  | 273789   | 22.275 | ug/L  | 99       |
| 52) Ethylbenzene              | 11.727 | 91   | 506575   | 22.599 | ug/L  | 99       |
| 53) m,p-Xylene                | 11.837 | 106  | 185024   | 22.196 | ug/L  | 99       |
| 54) o-Xylene                  | 12.166 | 106  | 176407   | 22.728 | ug/L  | 98       |
| 55) Styrene                   | 12.178 | 104  | 305934   | 23.159 | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 12.708 | 83   | 83054    | 22.297 | ug/L  | 97       |
| 59) Bromoform                 | 12.349 | 173  | 42021    | 22.785 | ug/L  | 99       |
| 60) Isopropylbenzene          | 12.458 | 105  | 489330   | 23.362 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 60108    | 23.531 | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 321113   | 24.053 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 396230   | 24.662 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 208603   | 23.471 | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 206067   | 22.793 | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 183343   | 23.452 | ug/L  | 89       |
| 68) 1,2-Dibromo-3-chloropr... | 14.482 | 75   | 12114    | 20.696 | ug/L  | 98       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 132605   | 21.682 | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180  | 111344   | 23.314 | ug/L  | 96       |
| 71) Naphthalene               | 15.354 | 128  | 196744   | 23.277 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 95607    | 22.559 | ug/L  | 99       |

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

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