

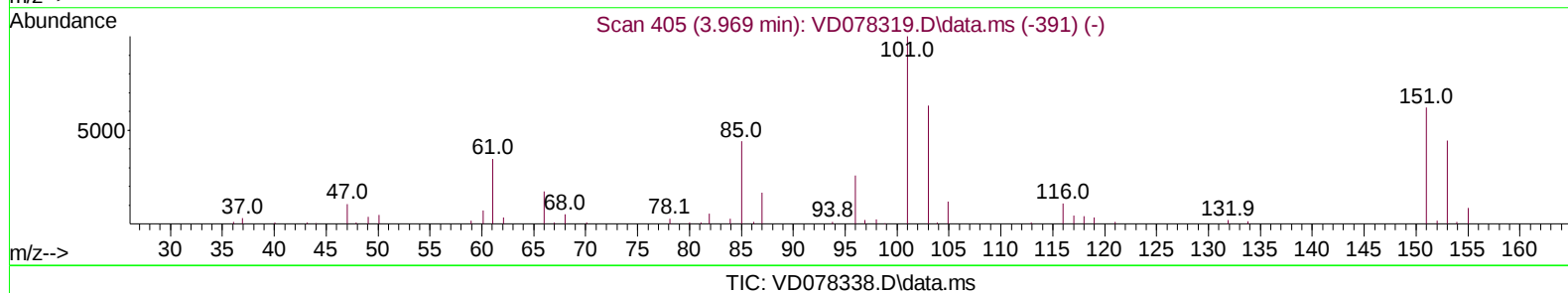
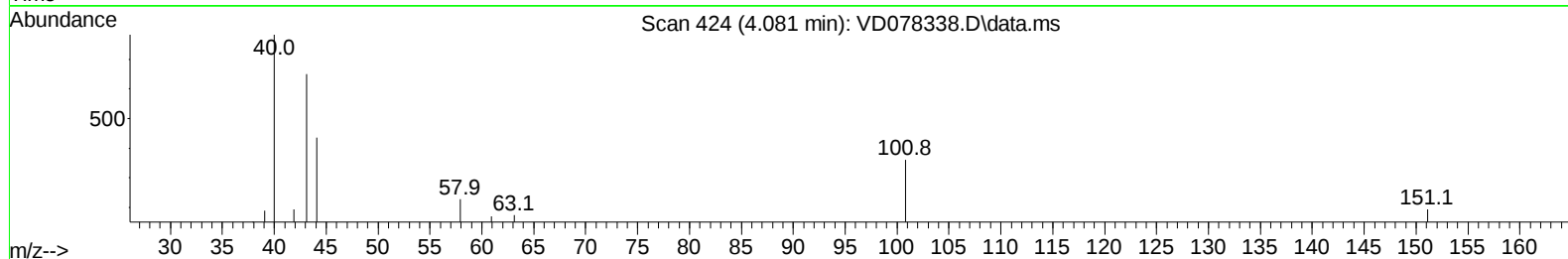
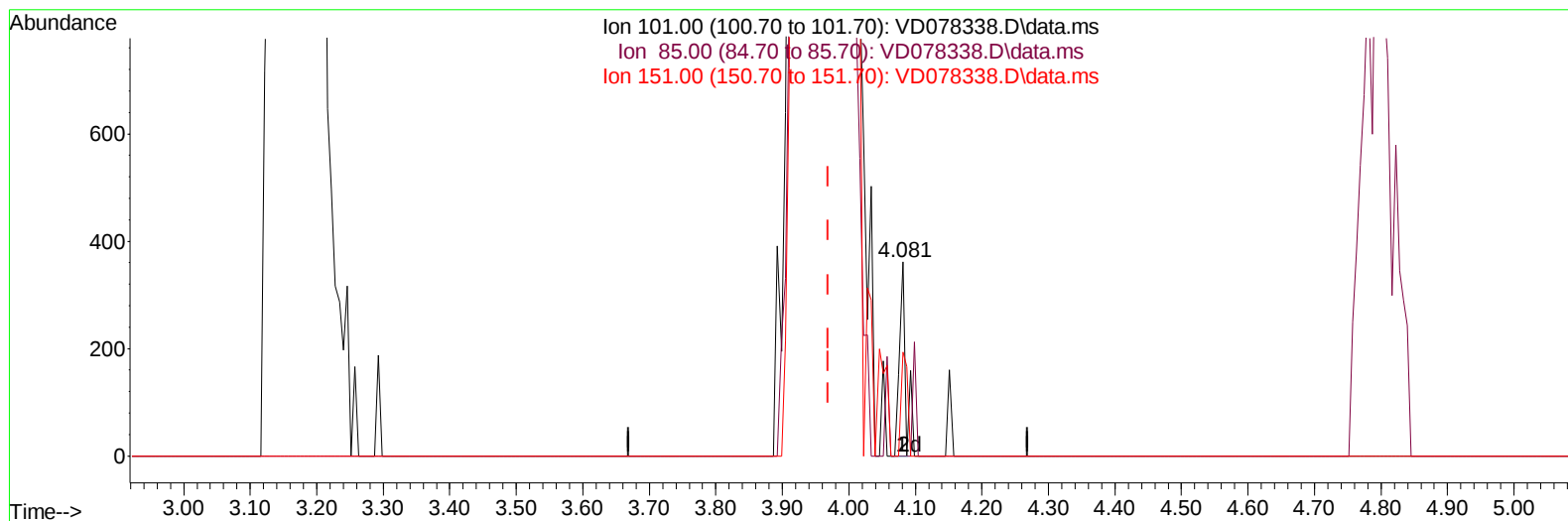
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD020224\  
 Data File : VD078338.D  
 Acq On : 02 Feb 2024 20:40  
 Operator : RP/MD  
 Sample : VSTDCCC025EC  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 LabSampleId :  
 VSTDCCC025EC

Manual IntegrationsAPPROVED

Quant Time: Feb 03 00:24:52 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM020124SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Feb 03 00:20:19 2024  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 02/06/2024  
 Supervised By :Mahesh Dadoda 02/06/2024



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

4.081min (+ 0.112) 0.07 ug/L

response 181

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 101.00 | 100.00 | 100.00 |
| 85.00  | 43.20  | 0.00#  |
| 151.00 | 68.20  | 70.17  |
| 0.00   | 0.00   | 0.00   |

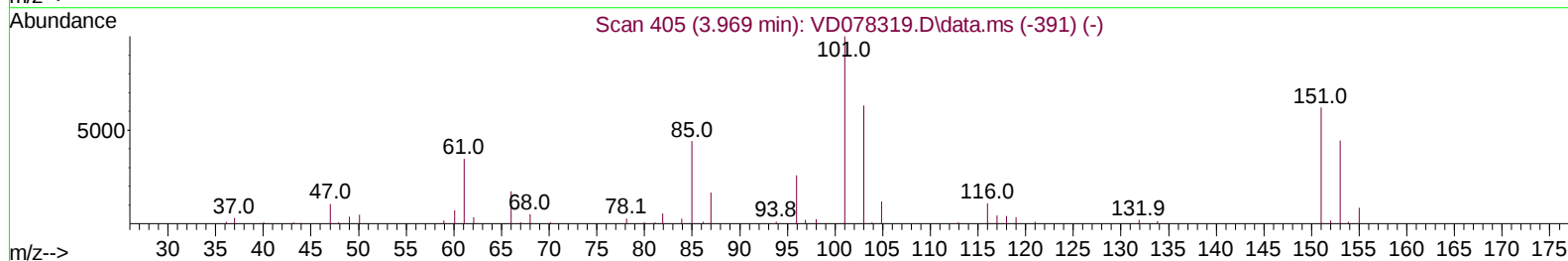
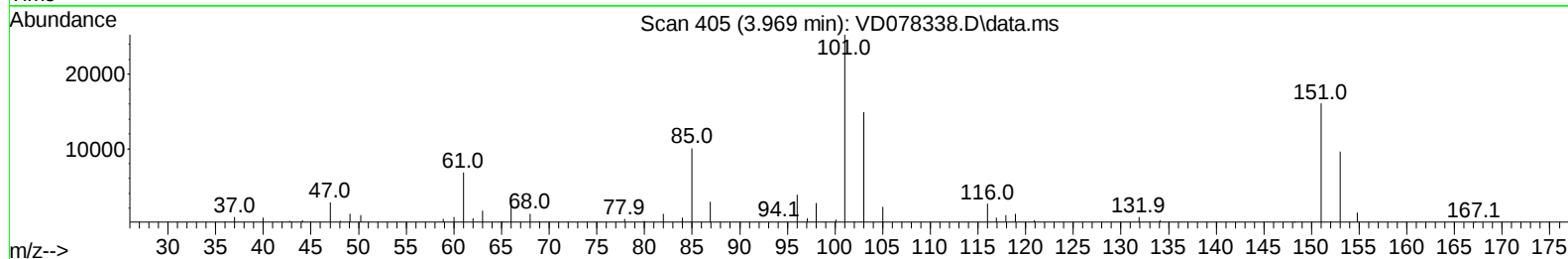
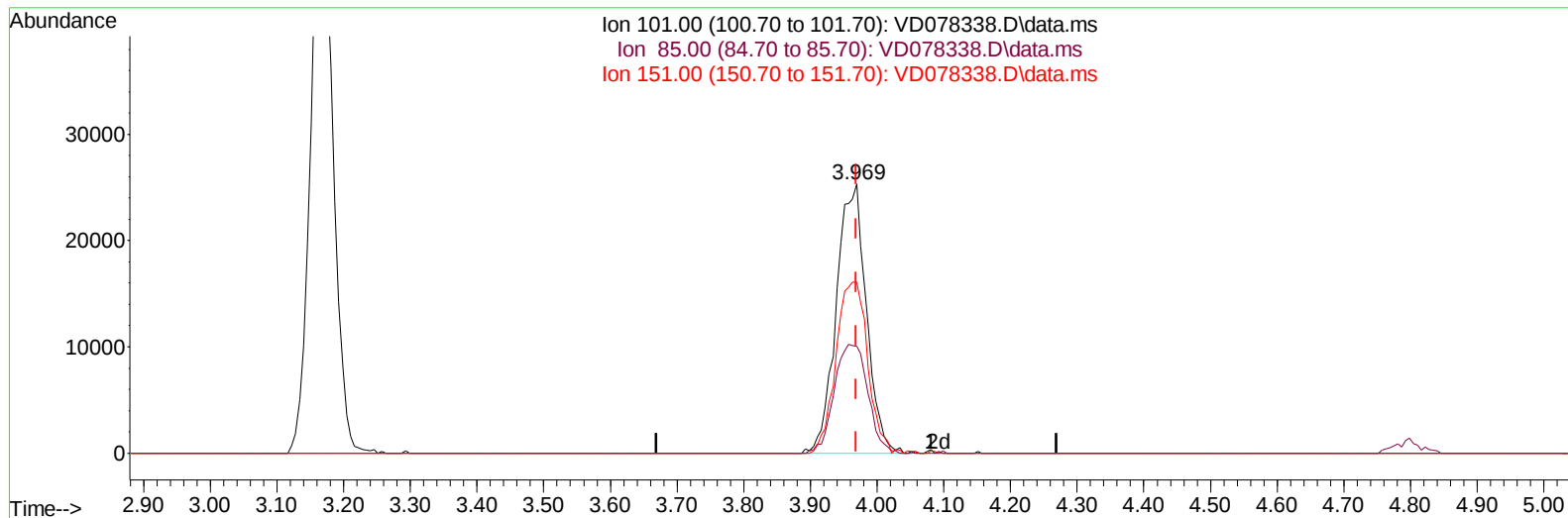
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TIC: VD078338.D\data.ms

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

3.969min (-0.000) 29.07 ug/L m

response 78972

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 101.00 | 100.00 | 100.00 |
| 85.00  | 43.20  | 0.00#  |
| 151.00 | 68.20  | 0.16#  |
| 0.00   | 0.00   | 0.00   |



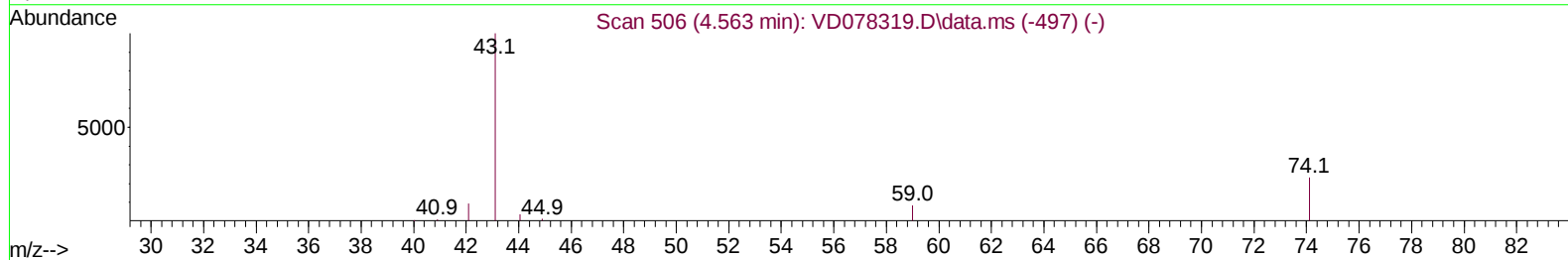
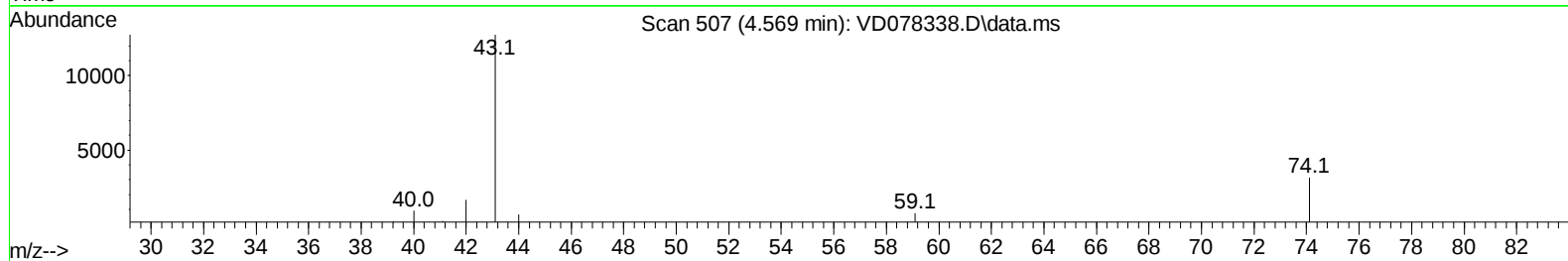
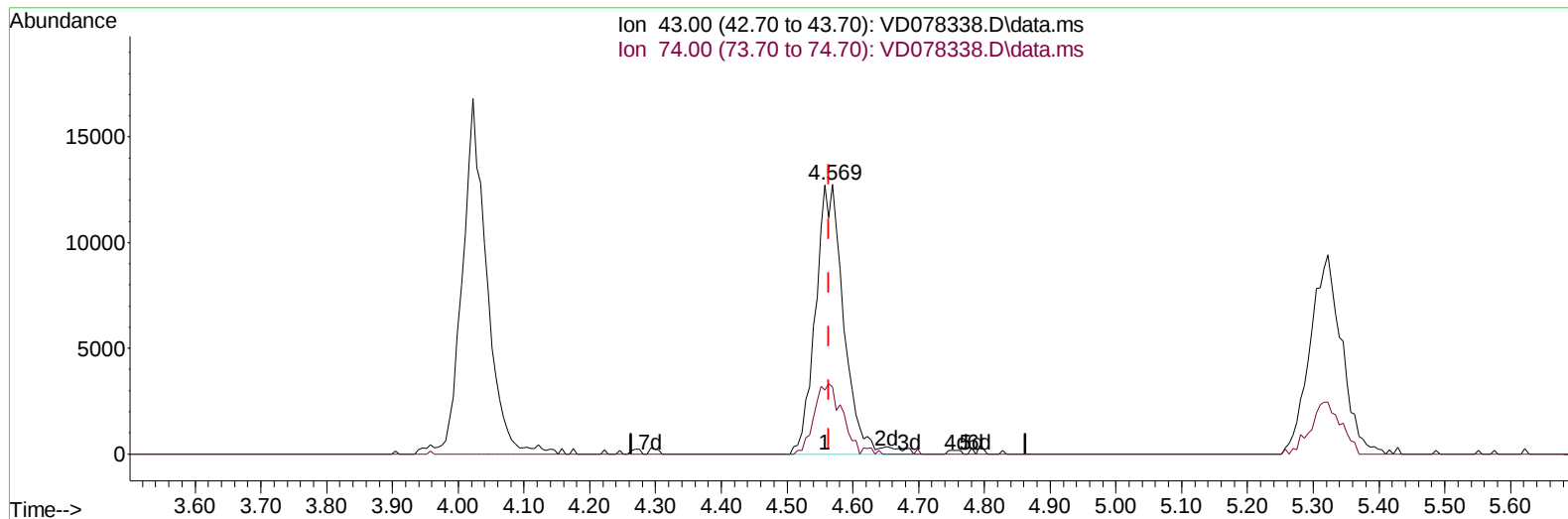
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Quant Title : SFAM01.0  
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Supervised By :Mahesh Dadoda 02/06/2024



TIC: VD078338.D\data.ms

(15) Methyl Acetate (T)

4.569min (+ 0.006) 26.97 ug/L m

response 38392

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 15.90  | 19.28# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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 LabSampleId :  
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 Supervised By :Mahesh Dadoda 02/06/2024

| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.775    | 114   | 173189   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.581   | 117   | 176215   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516   | 152   | 83333    | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.269    | 65    | 137410   | 27.965 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 111.840% |          |
| 7) Chloroethane-d5            | 2.793    | 69    | 116574   | 28.224 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 112.880% |          |
| 11) 1,1-Dichloroethene-d2     | 3.910    | 65    | 28049    | 26.438 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 105.760% |          |
| 21) 2-Butanone-d5             | 6.987    | 46    | 38720    | 53.521 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 107.040% |          |
| 24) Chloroform-d              | 7.569    | 84    | 139576   | 28.266 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 113.080% |          |
| 26) 1,2-Dichloroethane-d4     | 8.234    | 65    | 75202    | 28.220 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 112.880% |          |
| 32) Benzene-d6                | 8.198    | 84    | 283464   | 27.511 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 110.040% |          |
| 36) 1,2-Dichloropropane-d6    | 9.210    | 67    | 86231    | 27.184 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 108.720% |          |
| 41) Toluene-d8                | 10.269   | 98    | 254688   | 27.520 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 110.080% |          |
| 43) trans-1,3-Dichloroprop... | 10.522   | 79    | 38368    | 27.089 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 108.360% |          |
| 47) 2-Hexanone-d5             | 10.875   | 63    | 35542    | 55.225 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 110.440% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651   | 84    | 78892    | 26.765 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 107.040% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816   | 152   | 80078    | 26.842 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 107.360% |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        | Qvalue   |          |
| 2) Dichlorodifluoromethane    | 1.934    | 85    | 95774    | 28.047 | ug/L     | 94       |
| 3) Chloromethane              | 2.146    | 50    | 157787   | 31.771 | ug/L     | 99       |
| 5) Vinyl chloride             | 2.281    | 62    | 180214   | 29.349 | ug/L     | 96       |
| 6) Bromomethane               | 2.687    | 94    | 73840    | 26.524 | ug/L     | 96       |
| 8) Chloroethane               | 2.828    | 64    | 114454   | 29.276 | ug/L     | 99       |
| 9) Trichlorofluoromethane     | 3.169    | 101   | 127954   | 29.313 | ug/L     | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 3.969    | 101   | 78972m   | 29.073 | ug/L     |          |
| 12) 1,1-Dichloroethene        | 3.934    | 96    | 70507    | 28.047 | ug/L     | 97       |
| 13) Acetone                   | 4.022    | 43    | 42420    | 44.658 | ug/L     | 99       |
| 14) Carbon disulfide          | 4.263    | 76    | 258227   | 27.869 | ug/L     | 98       |
| 15) Methyl Acetate            | 4.569    | 43    | 38392m   | 26.975 | ug/L     |          |
| 16) Methylene chloride        | 4.799    | 84    | 87856    | 25.867 | ug/L     | 98       |
| 17) trans-1,2-Dichloroethene  | 5.310    | 96    | 77698    | 28.048 | ug/L     | 93       |
| 18) Methyl tert-butyl Ether   | 5.316    | 73    | 178253   | 27.667 | ug/L     | 99       |
| 19) 1,1-Dichloroethane        | 6.110    | 63    | 141539   | 29.199 | ug/L     | 99       |
| 20) cis-1,2-Dichloroethene    | 7.081    | 96    | 86291    | 28.423 | ug/L     | 93       |
| 22) 2-Butanone                | 7.081    | 43    | 54102    | 47.041 | ug/L     | 98       |
| 23) Bromochloromethane        | 7.428    | 128   | 39728    | 29.625 | ug/L     | 93       |

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Manual IntegrationsAPPROVED

Quant Time: Feb 03 00:24:52 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM020124SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Feb 03 00:20:19 2024  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 02/06/2024  
 Supervised By :Mahesh Dadoda 02/06/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 25) Chloroform                | 7.593  | 83   | 149892   | 28.338 | ug/L   | 97       |
| 27) 1,2-Dichloroethane        | 8.322  | 62   | 97237    | 28.624 | ug/L   | 96       |
| 29) Cyclohexane               | 7.875  | 56   | 114097   | 28.643 | ug/L   | 97       |
| 30) 1,1,1-Trichloroethane     | 7.787  | 97   | 118954   | 27.539 | ug/L   | 97       |
| 31) Carbon tetrachloride      | 7.992  | 117  | 105082   | 27.615 | ug/L   | 99       |
| 33) Benzene                   | 8.251  | 78   | 335268   | 28.235 | ug/L   | 100      |
| 34) Trichloroethene           | 9.028  | 95   | 80937    | 26.988 | ug/L   | 98       |
| 35) Methylcyclohexane         | 9.269  | 83   | 136827   | 29.157 | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 9.304  | 63   | 88343    | 28.235 | ug/L   | 100      |
| 38) Bromodichloromethane      | 9.581  | 83   | 113244   | 27.740 | ug/L # | 98       |
| 39) cis-1,3-Dichloropropene   | 10.016 | 75   | 131488   | 26.998 | ug/L   | 97       |
| 40) 4-Methyl-2-pentanone      | 10.157 | 43   | 108298   | 55.731 | ug/L   | 98       |
| 42) Toluene                   | 10.334 | 91   | 357785   | 28.961 | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 10.551 | 75   | 114864   | 26.956 | ug/L   | 98       |
| 45) 1,1,2-Trichloroethane     | 10.728 | 97   | 71332    | 28.601 | ug/L   | 93       |
| 46) Tetrachloroethene         | 10.810 | 164  | 58022    | 28.176 | ug/L   | 96       |
| 48) 2-Hexanone                | 10.922 | 43   | 82012    | 51.741 | ug/L   | 97       |
| 49) Dibromochloromethane      | 11.075 | 129  | 75405    | 26.902 | ug/L   | 100      |
| 50) 1,2-Dibromoethane         | 11.181 | 107  | 66821    | 27.467 | ug/L # | 99       |
| 51) Chlorobenzene             | 11.604 | 112  | 221141   | 27.646 | ug/L   | 97       |
| 52) Ethylbenzene              | 11.681 | 91   | 381130   | 28.719 | ug/L   | 99       |
| 53) m,p-Xylene                | 11.792 | 106  | 142333   | 27.907 | ug/L   | 96       |
| 54) o-Xylene                  | 12.116 | 106  | 141495   | 28.769 | ug/L   | 93       |
| 55) Styrene                   | 12.133 | 104  | 259396   | 29.238 | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 86967    | 27.215 | ug/L # | 96       |
| 59) Bromoform                 | 12.298 | 173  | 46573    | 27.855 | ug/L   | 97       |
| 60) Isopropylbenzene          | 12.422 | 105  | 359244   | 28.530 | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 12.722 | 75   | 57766    | 27.176 | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 283033   | 28.736 | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 286776   | 29.396 | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 13.457 | 146  | 158305   | 28.173 | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 13.533 | 146  | 165764   | 28.179 | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 13.827 | 146  | 144304   | 27.150 | ug/L   | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 14.445 | 75   | 12131    | 25.758 | ug/L   | 89       |
| 69) 1,3,5-Trichlorobenzene    | 14.592 | 180  | 93945    | 27.137 | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 15.098 | 180  | 79835    | 26.681 | ug/L   | 97       |
| 71) Naphthalene               | 15.327 | 128  | 185447   | 26.473 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.522 | 180  | 75166    | 26.909 | ug/L   | 98       |

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

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VSTDCCC025EC

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