

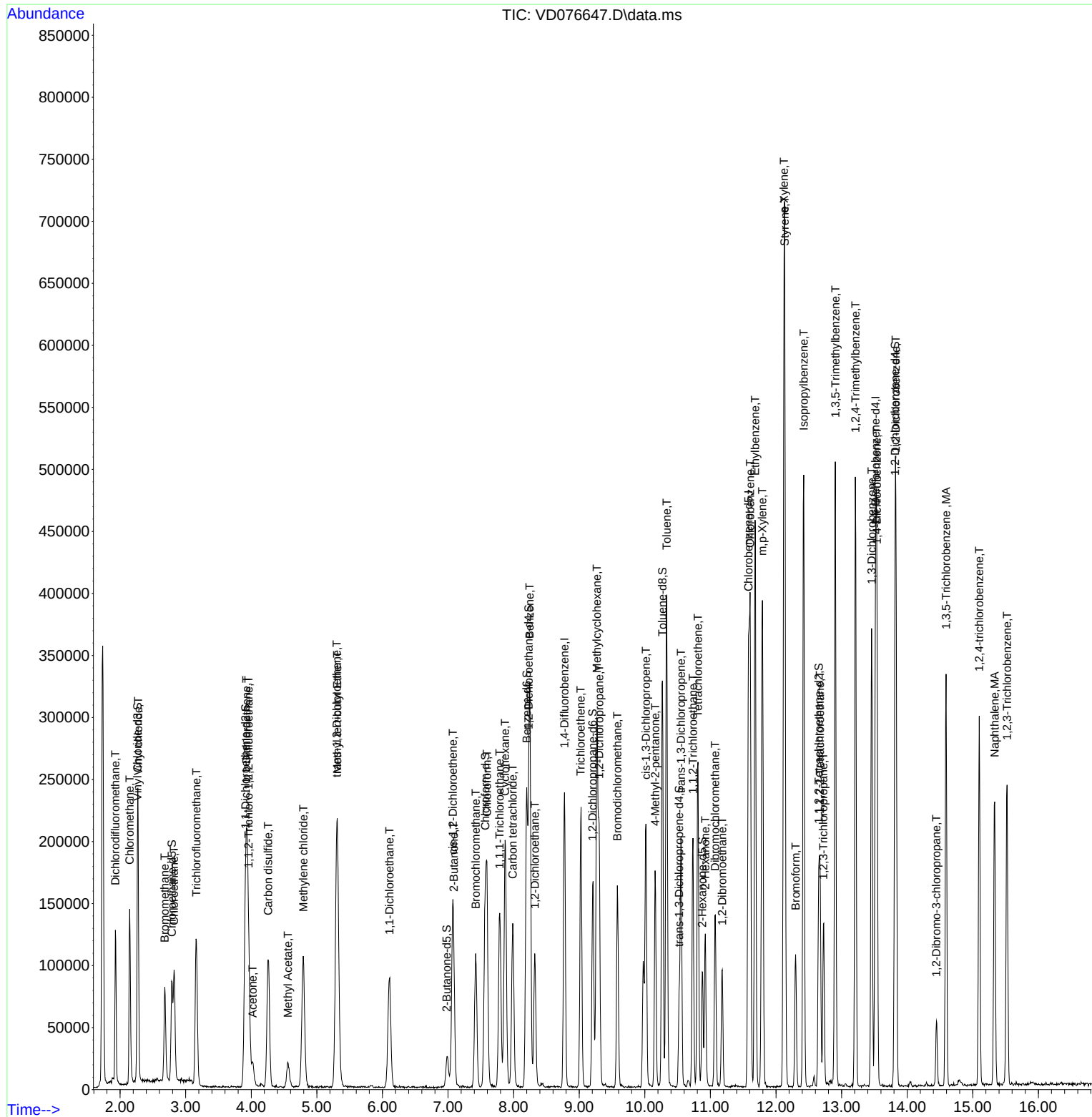
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062923\  
 Data File : VD076647.D  
 Acq On : 29 Jun 2023 19:24  
 Operator : KP/SY  
 Sample : 03472-07MS  
 Misc : 6.37G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A46Q2MS

## Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 06/30/2023  
 Supervised By :Mahesh Dadoda 06/30/2023

Quant Time: Jun 30 01:16:43 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM061523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 16 01:50:34 2023  
 Response via : Initial Calibration



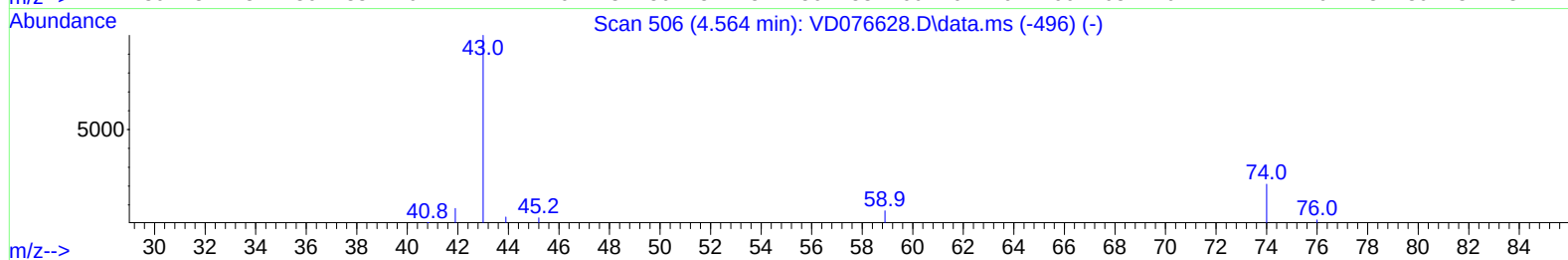
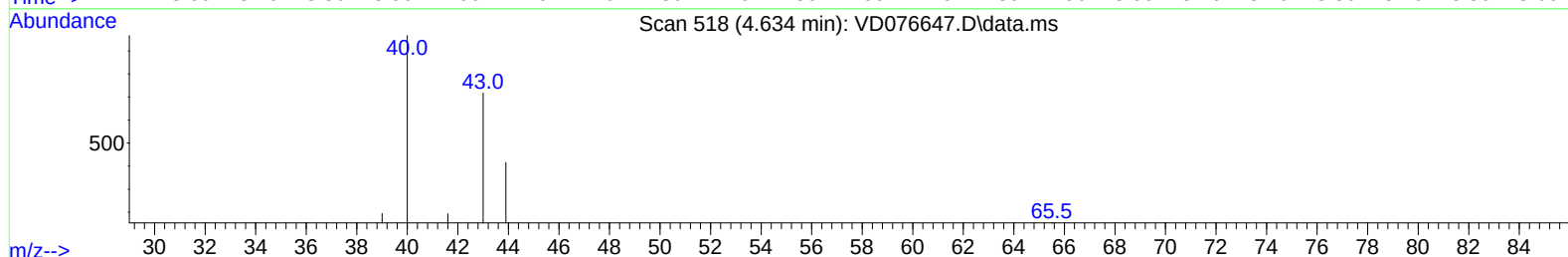
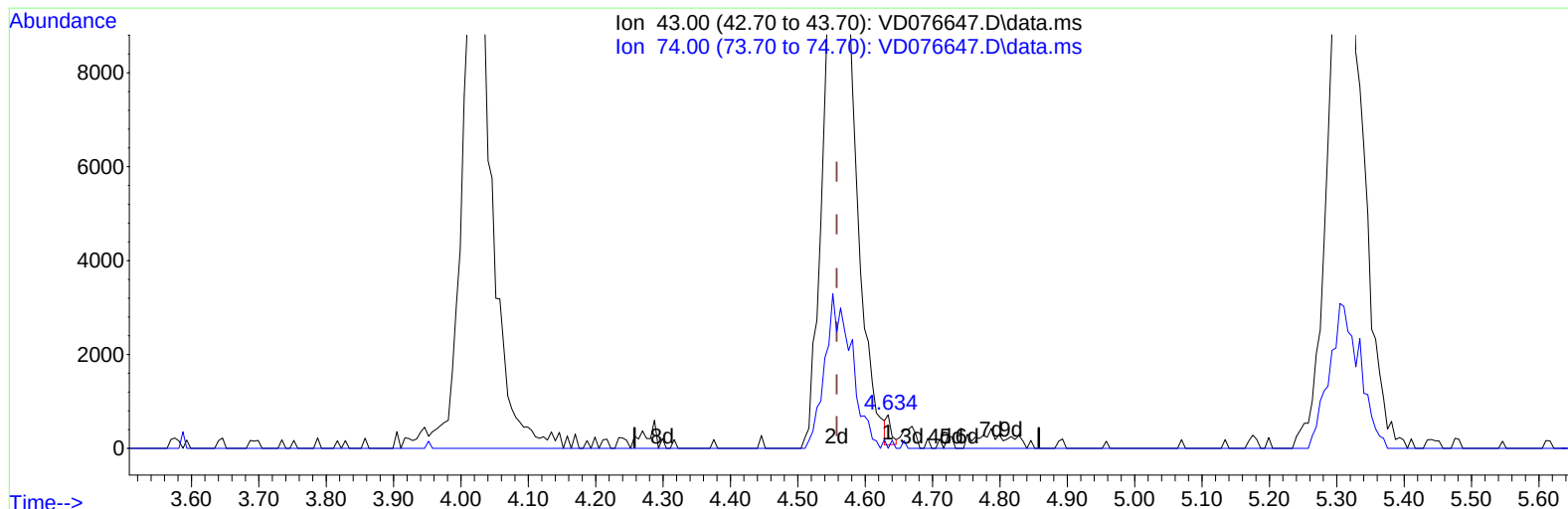
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062923\  
 Data File : VD076647.D  
 Acq On : 29 Jun 2023 19:24  
 Operator : KP/SY  
 Sample : 03472-07MS  
 Misc : 6.37G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A46Q2MS

Manual IntegrationsAPPROVED

Quant Time: Jun 30 01:16:43 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM061523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 16 01:50:34 2023  
 Response via : Initial Calibration

Reviewed By :Krupa Patel 06/30/2023  
 Supervised By :Mahesh Dadoda 06/30/2023



TIC: VD076647.D\data.ms

(15) Methyl Acetate (T)

4.634min (+ 0.076) 0.23 ug/L

| response | 322    |        |
|----------|--------|--------|
| Ion      | Exp%   | Act%   |
| 43.00    | 100.00 | 100.00 |
| 74.00    | 22.70  | 20.50  |
| 0.00     | 0.00   | 0.00   |
| 0.00     | 0.00   | 0.00   |

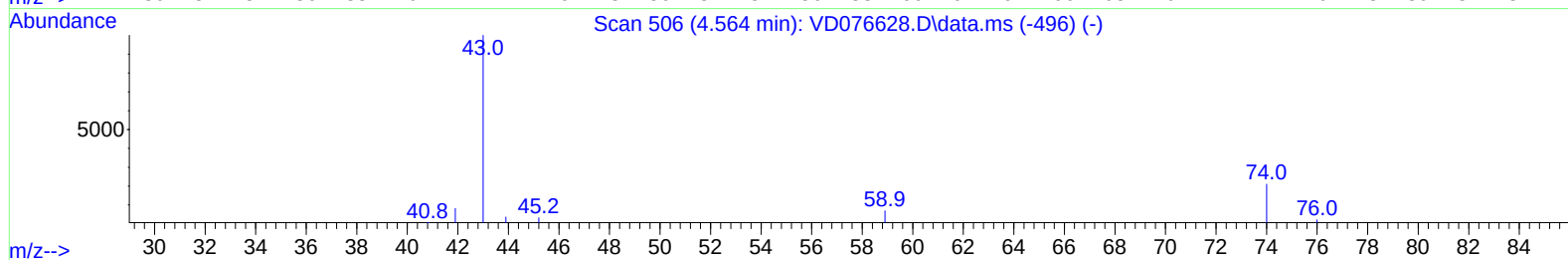
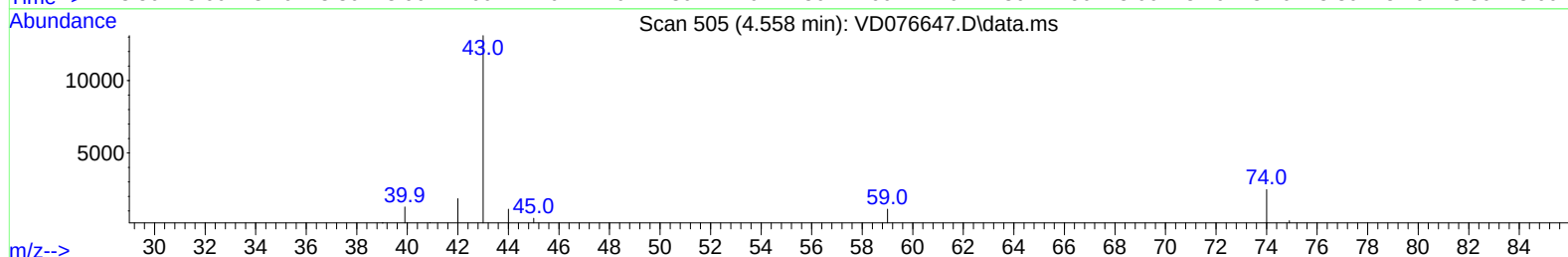
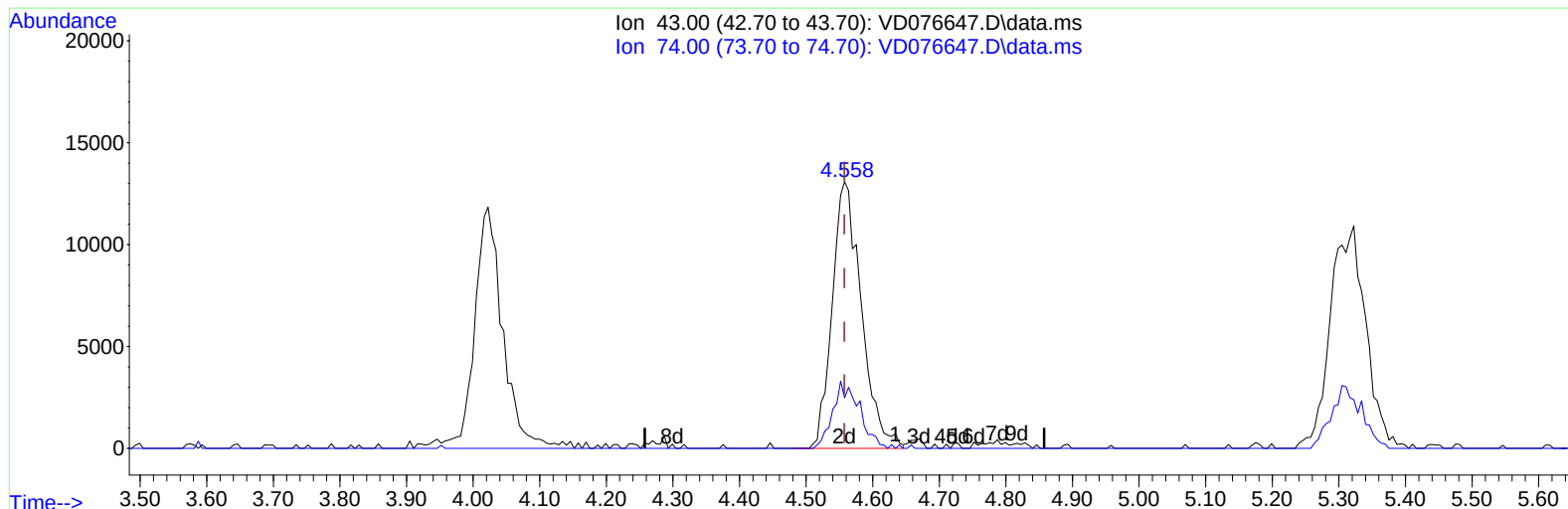
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062923\  
 Data File : VD076647.D  
 Acq On : 29 Jun 2023 19:24  
 Operator : KP/SY  
 Sample : 03472-07MS  
 Misc : 6.37G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A46Q2MS

Manual IntegrationsAPPROVED

Quant Time: Jun 30 01:16:43 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM061523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 16 01:50:34 2023  
 Response via : Initial Calibration

Reviewed By :Krupa Patel 06/30/2023  
 Supervised By :Mahesh Dadoda 06/30/2023



TIC: VD076647.D\data.ms

(15) Methyl Acetate (T)

4.558min (+ 0.000) 28.59 ug/L m

response 39726

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 22.70  | 0.17#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062923\  
 Data File : VD076647.D  
 Acq On : 29 Jun 2023 19:24  
 Operator : KP/SY  
 Sample : 03472-07MS  
 Misc : 6.37G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A46Q2MS

Manual IntegrationsAPPROVED

Quant Time: Jun 30 01:16:43 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM061523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 16 01:50:34 2023  
 Response via : Initial Calibration

Reviewed By :Krupa Patel 06/30/2023  
 Supervised By :Mahesh Dadoda 06/30/2023

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 204323   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 184693   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 95490    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.264  | 65    | 97746    | 19.644   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 78.560%  |
| 7) Chloroethane-d5            | 2.787  | 69    | 79977    | 19.878   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 79.520%  |
| 11) 1,1-Dichloroethene-d2     | 3.911  | 65    | 29039    | 22.357   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 89.440%  |
| 21) 2-Butanone-d5             | 6.981  | 46    | 45849    | 60.841   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 121.680% |
| 24) Chloroform-d              | 7.569  | 84    | 132758   | 24.662   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 98.640%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 74200    | 27.941   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 111.760% |
| 32) Benzene-d6                | 8.199  | 84    | 244531   | 21.644   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 86.560%  |
| 36) 1,2-Dichloropropane-d6    | 9.205  | 67    | 79343    | 22.001   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 88.000%  |
| 41) Toluene-d8                | 10.269 | 98    | 227912   | 21.786   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 87.160%  |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 37497    | 24.998   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 100.000% |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 32167    | 57.461   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 114.920% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 75420    | 29.396   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 117.600% |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 80412    | 22.974   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 91.880%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.928  | 85    | 89097    | 27.984   | ug/L   | 99       |
| 3) Chloromethane              | 2.146  | 50    | 125906   | 23.788   | ug/L   | 96       |
| 5) Vinyl chloride             | 2.275  | 62    | 129731   | 22.721   | ug/L   | 98       |
| 6) Bromomethane               | 2.681  | 94    | 49693    | 15.713   | ug/L   | 98       |
| 8) Chloroethane               | 2.823  | 64    | 77478    | 22.152   | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 3.164  | 101   | 119426   | 28.928   | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 3.958  | 101   | 73516    | 27.453   | ug/L   | 100      |
| 12) 1,1-Dichloroethene        | 3.928  | 96    | 65265    | 24.612   | ug/L   | 94       |
| 13) Acetone                   | 4.022  | 43    | 33583    | 55.175   | ug/L   | 75       |
| 14) Carbon disulfide          | 4.258  | 76    | 214540   | 22.319   | ug/L   | 99       |
| 15) Methyl Acetate            | 4.558  | 43    | 39726m   | 28.591   | ug/L   |          |
| 16) Methylene chloride        | 4.793  | 84    | 75832    | 21.353   | ug/L   | 94       |
| 17) trans-1,2-Dichloroethene  | 5.305  | 96    | 69633    | 23.553   | ug/L   | 94       |
| 18) Methyl tert-butyl Ether   | 5.311  | 73    | 201583   | 29.950   | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 6.105  | 63    | 129029   | 23.872   | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 7.075  | 96    | 77622    | 23.510   | ug/L   | 98       |
| 22) 2-Butanone                | 7.087  | 43    | 50681    | 51.597   | ug/L   | 96       |
| 23) Bromochloromethane        | 7.422  | 128   | 38149    | 27.224   | ug/L   | 96       |
| 25) Chloroform                | 7.593  | 83    | 134699   | 25.535   | ug/L   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062923\  
 Data File : VD076647.D  
 Acq On : 29 Jun 2023 19:24  
 Operator : KP/SY  
 Sample : 03472-07MS  
 Misc : 6.37G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A46Q2MS

Manual IntegrationsAPPROVED

Quant Time: Jun 30 01:16:43 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM061523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 16 01:50:34 2023  
 Response via : Initial Calibration

Reviewed By :Krupa Patel 06/30/2023  
 Supervised By :Mahesh Dadoda 06/30/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 8.322  | 62   | 93219    | 28.736 | ug/L   | 99       |
| 29) Cyclohexane               | 7.869  | 56   | 108742   | 22.141 | ug/L   | 91       |
| 30) 1,1,1-Trichloroethane     | 7.787  | 97   | 117256   | 27.329 | ug/L   | 99       |
| 31) Carbon tetrachloride      | 7.987  | 117  | 98259    | 28.635 | ug/L   | 100      |
| 33) Benzene                   | 8.246  | 78   | 283196   | 23.168 | ug/L   | 100      |
| 34) Trichloroethene           | 9.022  | 95   | 73149    | 23.295 | ug/L   | 95       |
| 35) Methylcyclohexane         | 9.269  | 83   | 120493   | 23.796 | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 9.305  | 63   | 74562    | 22.374 | ug/L # | 97       |
| 38) Bromodichloromethane      | 9.581  | 83   | 101875   | 26.802 | ug/L   | 96       |
| 39) cis-1,3-Dichloropropene   | 10.016 | 75   | 123417   | 24.253 | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 10.157 | 43   | 116936   | 56.404 | ug/L   | 99       |
| 42) Toluene                   | 10.334 | 91   | 302036   | 23.122 | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 10.552 | 75   | 105062   | 25.400 | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane     | 10.734 | 97   | 62572    | 27.373 | ug/L   | 97       |
| 46) Tetrachloroethene         | 10.810 | 164  | 58150    | 23.556 | ug/L   | 92       |
| 48) 2-Hexanone                | 10.922 | 43   | 81528    | 57.419 | ug/L   | 99       |
| 49) Dibromochloromethane      | 11.069 | 129  | 71978    | 27.708 | ug/L   | 94       |
| 50) 1,2-Dibromoethane         | 11.181 | 107  | 60936    | 27.466 | ug/L   | 94       |
| 51) Chlorobenzene             | 11.604 | 112  | 196628   | 24.110 | ug/L   | 96       |
| 52) Ethylbenzene              | 11.681 | 91   | 330649   | 23.484 | ug/L   | 97       |
| 53) m,p-Xylene                | 11.793 | 106  | 123118   | 22.251 | ug/L   | 97       |
| 54) o-Xylene                  | 12.122 | 106  | 120246   | 22.824 | ug/L   | 90       |
| 55) Styrene                   | 12.134 | 104  | 219245   | 24.088 | ug/L   | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 78124    | 29.905 | ug/L # | 97       |
| 59) Bromoform                 | 12.298 | 173  | 46300    | 27.085 | ug/L   | 97       |
| 60) Isopropylbenzene          | 12.422 | 105  | 324195   | 22.197 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.722 | 75   | 52091    | 28.109 | ug/L   | 97       |
| 62) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 263344   | 22.536 | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 261096   | 22.642 | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 13.457 | 146  | 148320   | 22.826 | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 13.540 | 146  | 147482   | 22.517 | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 13.828 | 146  | 133945   | 23.139 | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 14.445 | 75   | 12362    | 29.932 | ug/L   | 94       |
| 69) 1,3,5-Trichlorobenzene    | 14.592 | 180  | 97196    | 22.426 | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 15.098 | 180  | 88915    | 23.057 | ug/L   | 97       |
| 71) Naphthalene               | 15.334 | 128  | 198036   | 26.822 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.522 | 180  | 78072    | 23.313 | ug/L   | 96       |

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