

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122124\  
 Data File : VW031476.D  
 Acq On : 21 Dec 2024 21:43  
 Operator : SY/MD  
 Sample : P5333-20  
 Misc : 11.52g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 23 00:21:30 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Dec 23 00:16:39 2024  
 Response via : Initial Calibration

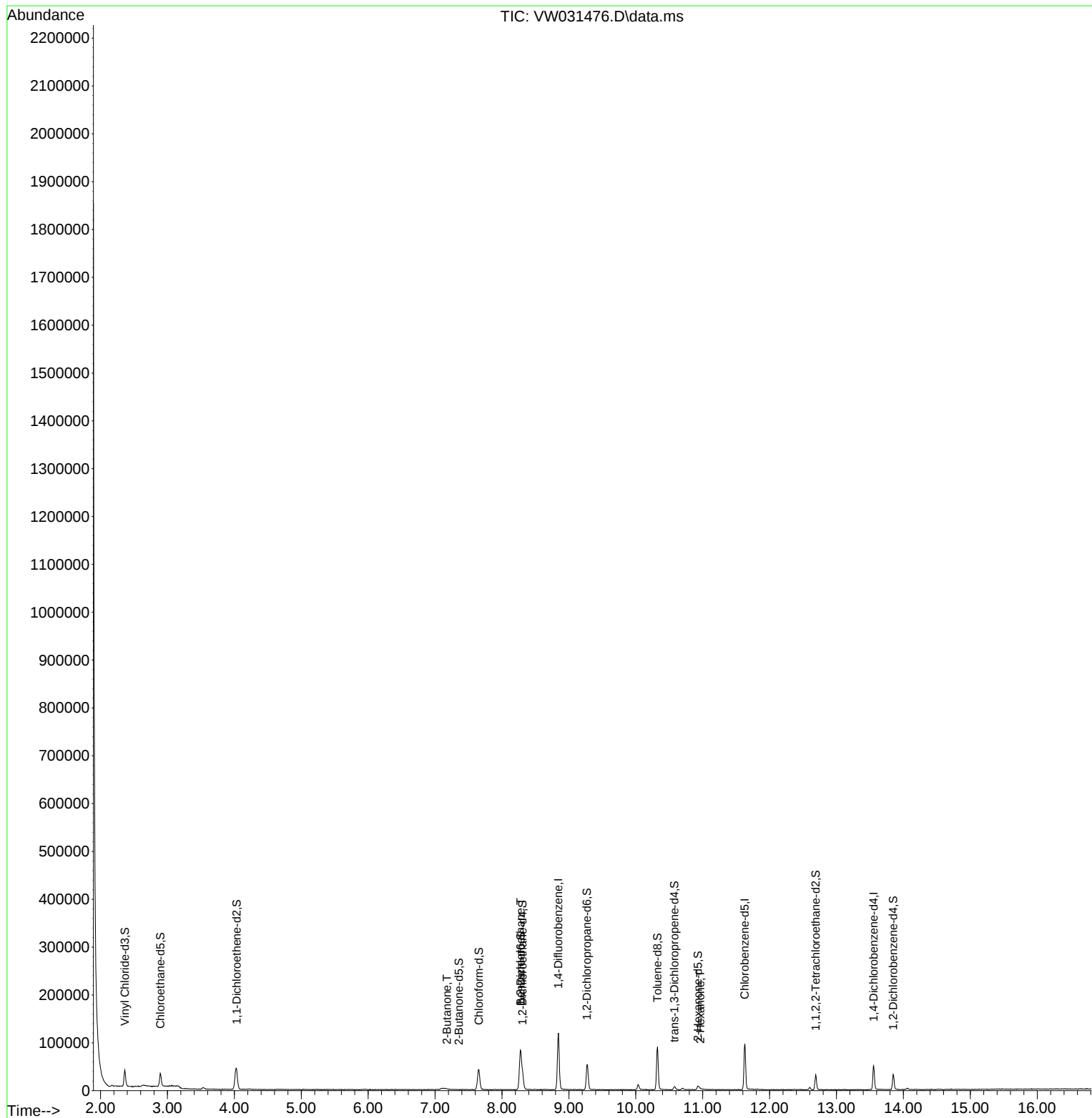
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 98045    | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 53794    | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 13324    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 36682    | 24.866   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 99.480%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 27656    | 25.343   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 101.360% |
| 11) 1,1-Dichloroethene-d2     | 4.033  | 65    | 13706    | 19.587   | ug/L   | 0.02     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 78.360%  |
| 21) 2-Butanone-d5             | 7.356  | 46    | 127      | 0.457    | ug/L   | 0.26     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 0.920%#  |
| 24) Chloroform-d              | 7.654  | 84    | 42406    | 15.786   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 63.160%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 24387    | 18.076   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 72.320%  |
| 32) Benzene-d6                | 8.276  | 84    | 84984    | 24.648   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 98.600%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 24414    | 24.296   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 97.200%  |
| 41) Toluene-d8                | 10.325 | 98    | 58802    | 18.332   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 73.320%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 3829     | 8.264    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 33.040%  |
| 47) 2-Hexanone-d5             | 10.928 | 63    | 2473     | 18.300   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 36.600%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 14641    | 23.206   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 92.840%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 8207     | 16.592   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 66.360%# |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 22) 2-Butanone                | 7.179  | 43    | 1191     | 2.541    | ug/L # | 48       |
| 27) 1,2-Dichloroethane        | 8.276  | 62    | 724      | 0.482    | ug/L # | 75       |
| 48) 2-Hexanone                | 10.965 | 43    | 663      | 1.772    | ug/L # | 63       |
| -----                         |        |       |          |          |        |          |

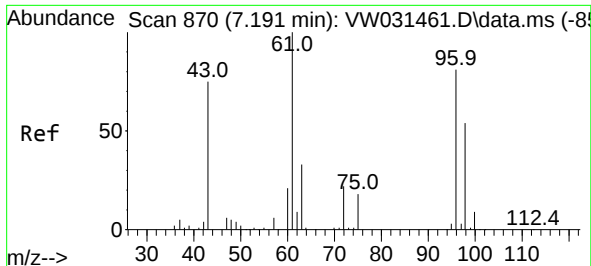
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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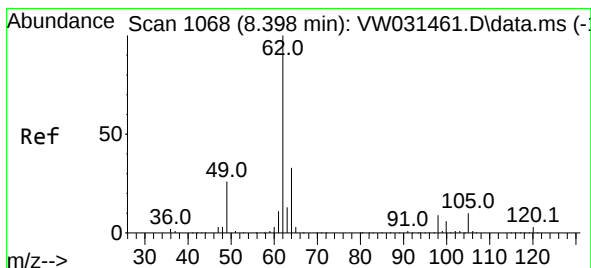
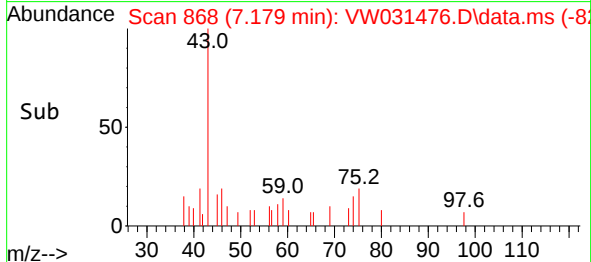
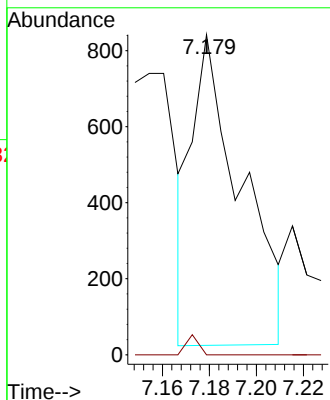
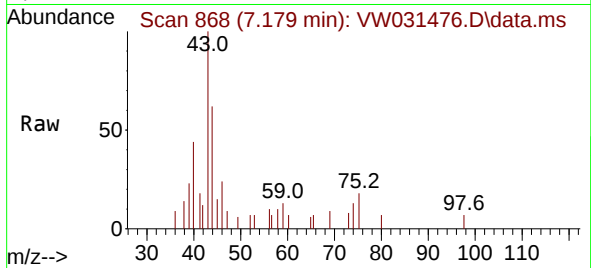




#22  
2-Butanone  
Concen: 2.541 ug/L  
RT: 7.179 min Scan# 870  
Delta R.T. -0.012 min  
Lab File: VW031476.D  
Acq: 21 Dec 2024 21:43

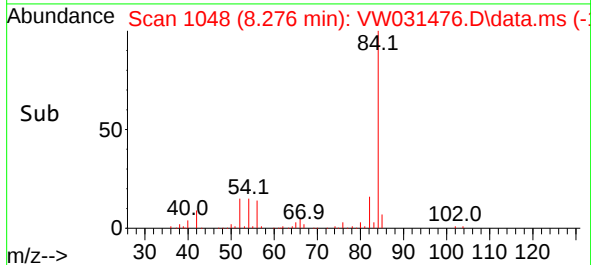
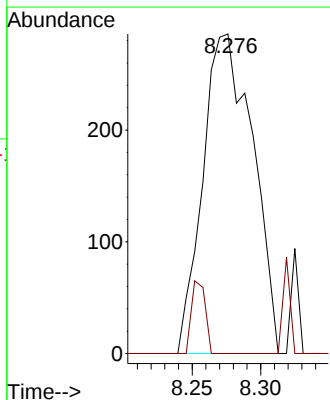
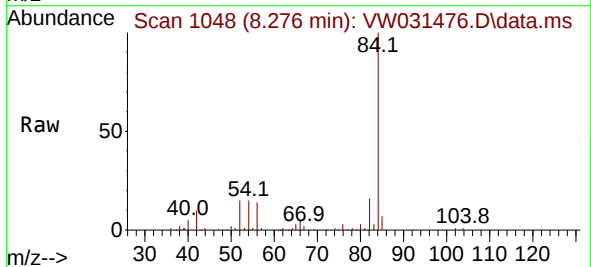
Instrument :  
MSVOA\_W  
ClientSampleId :

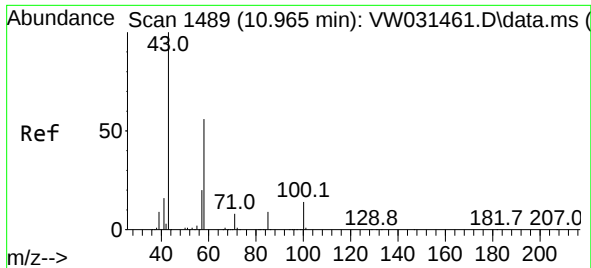
Tgt Ion: 43 Resp: 1191  
Ion Ratio Lower Upper  
43 100  
72 0.0 13.3 39.8#



#27  
1,2-Dichloroethane  
Concen: 0.482 ug/L  
RT: 8.276 min Scan# 1048  
Delta R.T. -0.122 min  
Lab File: VW031476.D  
Acq: 21 Dec 2024 21:43

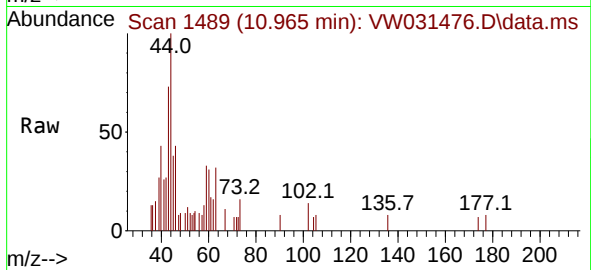
Tgt Ion: 62 Resp: 724  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.2 10.8#





#48  
 2-Hexanone  
 Concen: 1.772 ug/L  
 RT: 10.965 min Scan# 14  
 Delta R.T. -0.000 min  
 Lab File: VW031476.D  
 Acq: 21 Dec 2024 21:43

Instrument :  
 MSVOA\_W  
 ClientSampleId :



|             |                 |
|-------------|-----------------|
| Tgt Ion: 43 | Resp: 663       |
| Ion Ratio   | Lower Upper     |
| 43          | 100             |
| 58          | 24.9 43.0 64.6# |
| 57          | 6.6 15.7 23.5#  |
| 100         | 0.0 10.3 15.5#  |

