

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121724\  
 Data File : VW031322.D  
 Acq On : 17 Dec 2024 17:01  
 Operator : SY/MD  
 Sample : P5258-21  
 Misc : 4.27g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 18 00:20:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Dec 18 00:14:15 2024  
 Response via : Initial Calibration

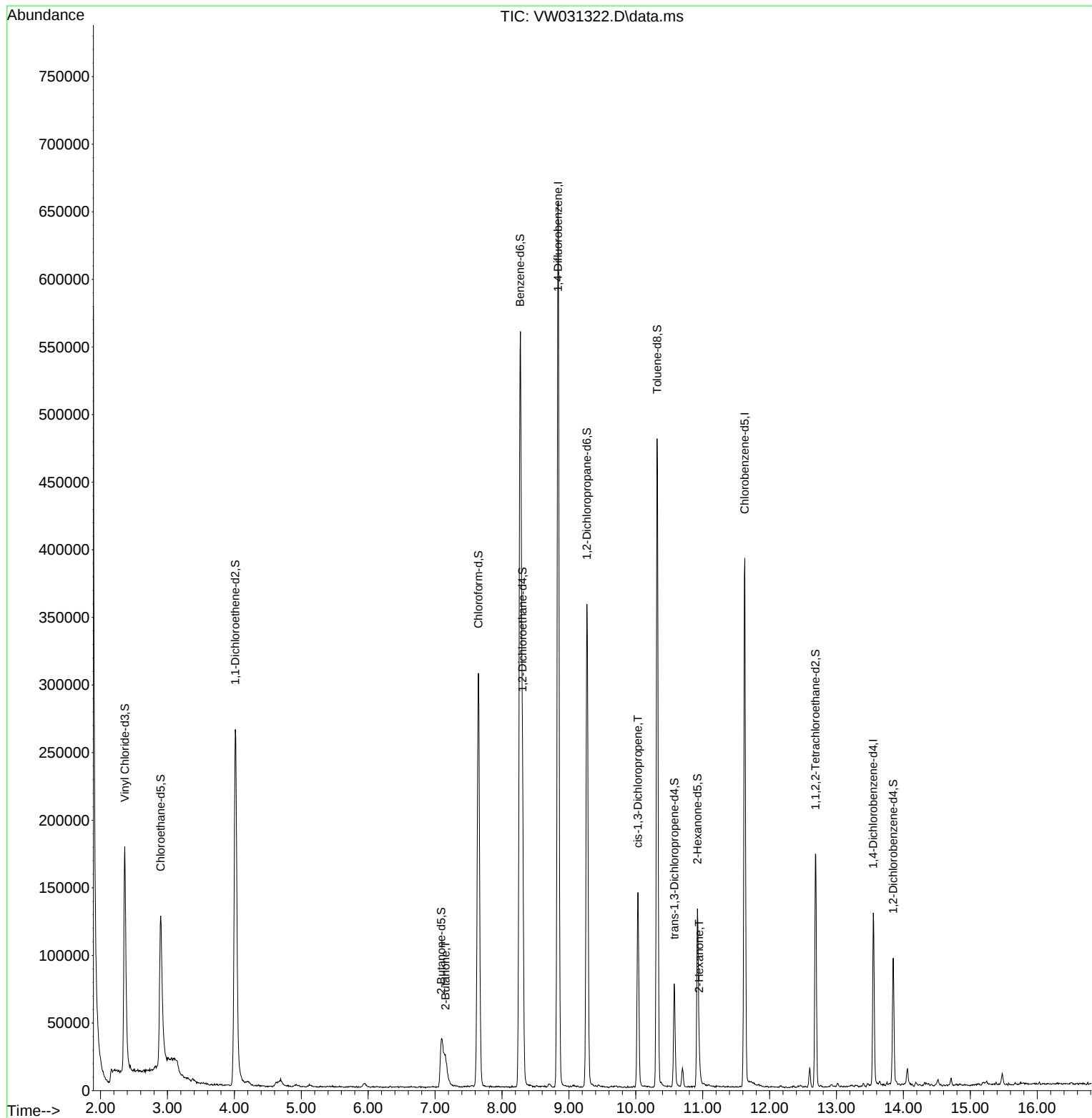
| Compound                      |        | R.T.   | QIon     | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|--------|----------|----------|--------|-----------|----------|
| -----                         |        |        |          |          |        |           |          |
| Internal Standards            |        |        |          |          |        |           |          |
| 1) 1,4-Difluorobenzene        |        | 8.837  | 114      | 551163   | 25.000 | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          |        | 11.629 | 117      | 213573   | 25.000 | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |        | 13.550 | 152      | 32700    | 25.000 | ug/L      | 0.00     |
| System Monitoring Compounds   |        |        |          |          |        |           |          |
| 4) Vinyl Chloride-d3          |        | 2.363  | 65       | 235772   | 28.431 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | =      | 113.720%  |          |
| 7) Chloroethane-d5            |        | 2.899  | 69       | 178619   | 29.117 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 150 | Recovery | =      | 116.480%  |          |
| 11) 1,1-Dichloroethene-d2     |        | 4.015  | 65       | 89805    | 22.830 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 110 | Recovery | =      | 91.320%   |          |
| 21) 2-Butanone-d5             |        | 7.094  | 46       | 68478    | 43.847 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | =      | 87.700%   |          |
| 24) Chloroform-d              |        | 7.648  | 84       | 312092   | 20.666 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 40 - 150 | Recovery | =      | 82.680%   |          |
| 26) 1,2-Dichloroethane-d4     |        | 8.307  | 65       | 179803   | 23.708 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 130 | Recovery | =      | 94.840%   |          |
| 32) Benzene-d6                |        | 8.270  | 84       | 578659   | 42.272 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 20 - 135 | Recovery | =      | 169.080%# |          |
| 36) 1,2-Dichloropropane-d6    |        | 9.270  | 67       | 167362   | 41.950 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 70 - 120 | Recovery | =      | 167.800%# |          |
| 41) Toluene-d8                |        | 10.319 | 98       | 316202   | 24.830 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 130 | Recovery | =      | 99.320%   |          |
| 43) trans-1,3-Dichloroprop... |        | 10.575 | 79       | 41804    | 22.725 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 30 - 135 | Recovery | =      | 90.920%   |          |
| 47) 2-Hexanone-d5             |        | 10.922 | 63       | 43410    | 80.910 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 20 - 135 | Recovery | =      | 161.820%# |          |
| 56) 1,1,2,2-Tetrachloroeth... |        | 12.684 | 84       | 85316    | 34.059 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 45 - 120 | Recovery | =      | 136.240%# |          |
| 66) 1,2-Dichlorobenzene-d4    |        | 13.848 | 152      | 23940    | 19.721 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range  | 75 - 120 | Recovery | =      | 78.880%   |          |
| Target Compounds              |        |        |          |          |        |           |          |
| 22) 2-Butanone                |        | 7.155  | 43       | 24552    | 9.316  | ug/L #    | 49       |
| 39) cis-1,3-Dichloropropene   |        | 10.032 | 75       | 3964     | 0.712  | ug/L #    | 67       |
| 48) 2-Hexanone                |        | 10.947 | 43       | 6366     | 4.285  | ug/L #    | 42       |
| -----                         |        |        |          |          |        |           |          |

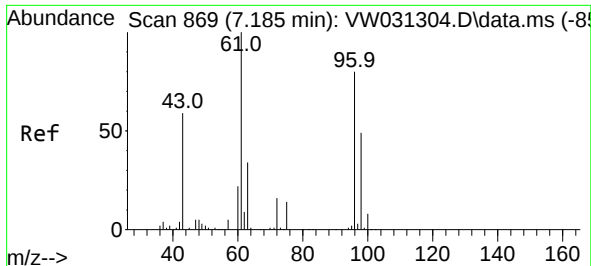
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Wed Dec 18 00:14:15 2024  
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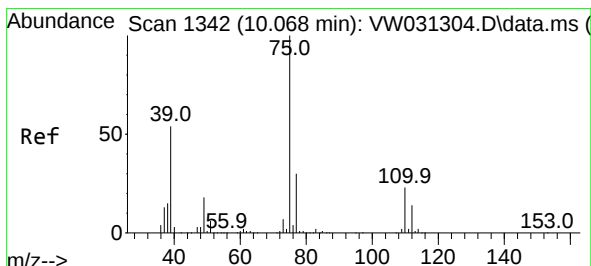
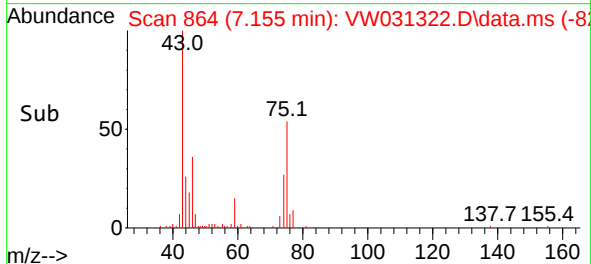
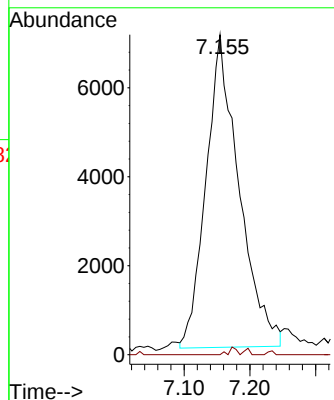
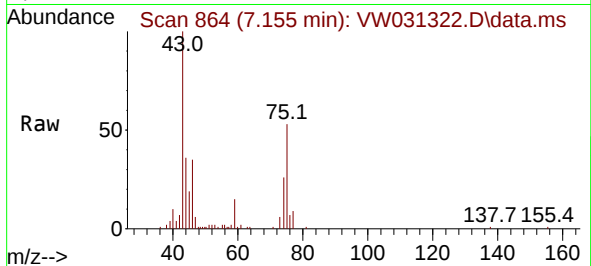




#22  
2-Butanone  
Concen: 9.316 ug/L  
RT: 7.155 min Scan# 864  
Delta R.T. -0.030 min  
Lab File: VW031322.D  
Acq: 17 Dec 2024 17:01

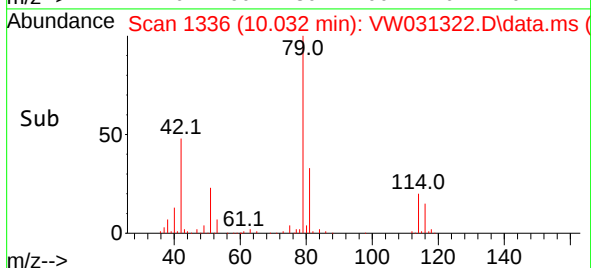
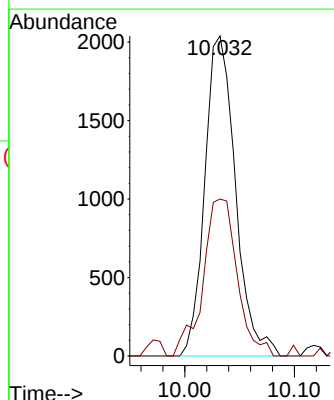
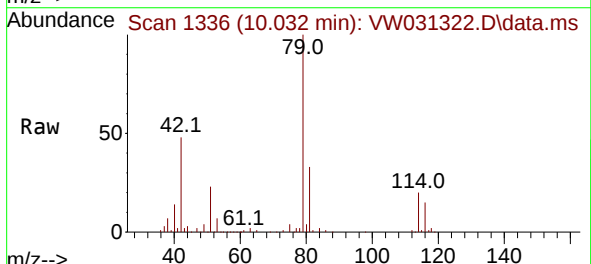
Instrument :  
MSVOA\_W  
ClientSampleId :

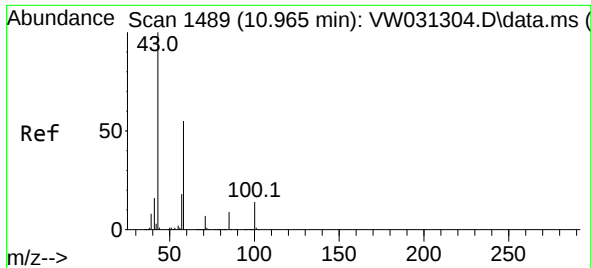
Tgt Ion: 43 Resp: 24552  
Ion Ratio Lower Upper  
43 100  
72 0.1 13.3 39.8#



#39  
cis-1,3-Dichloropropene  
Concen: 0.712 ug/L  
RT: 10.032 min Scan# 1336  
Delta R.T. -0.036 min  
Lab File: VW031322.D  
Acq: 17 Dec 2024 17:01

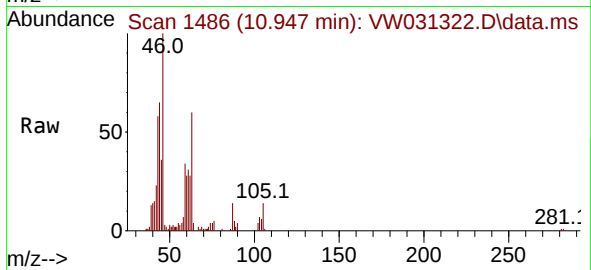
Tgt Ion: 75 Resp: 3964  
Ion Ratio Lower Upper  
75 100  
77 49.0 21.8 40.4#





#48  
2-Hexanone  
Concen: 4.285 ug/L  
RT: 10.947 min Scan# 14  
Delta R.T. -0.018 min  
Lab File: VW031322.D  
Acq: 17 Dec 2024 17:01

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MSVOA\_W  
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 6366  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 3.5   | 43.0  | 64.6# |
| 57       | 1.6   | 15.7  | 23.5# |
| 100      | 0.0   | 10.3  | 15.5# |

