

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW013124\  
 Data File : VW027870.D  
 Acq On : 31 Jan 2024 11:41  
 Operator : SY/MD  
 Sample : P1293-01  
 Misc : 5.24g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Feb 01 00:35:20 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM010824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Feb 01 00:34:16 2024  
 Response via : Initial Calibration

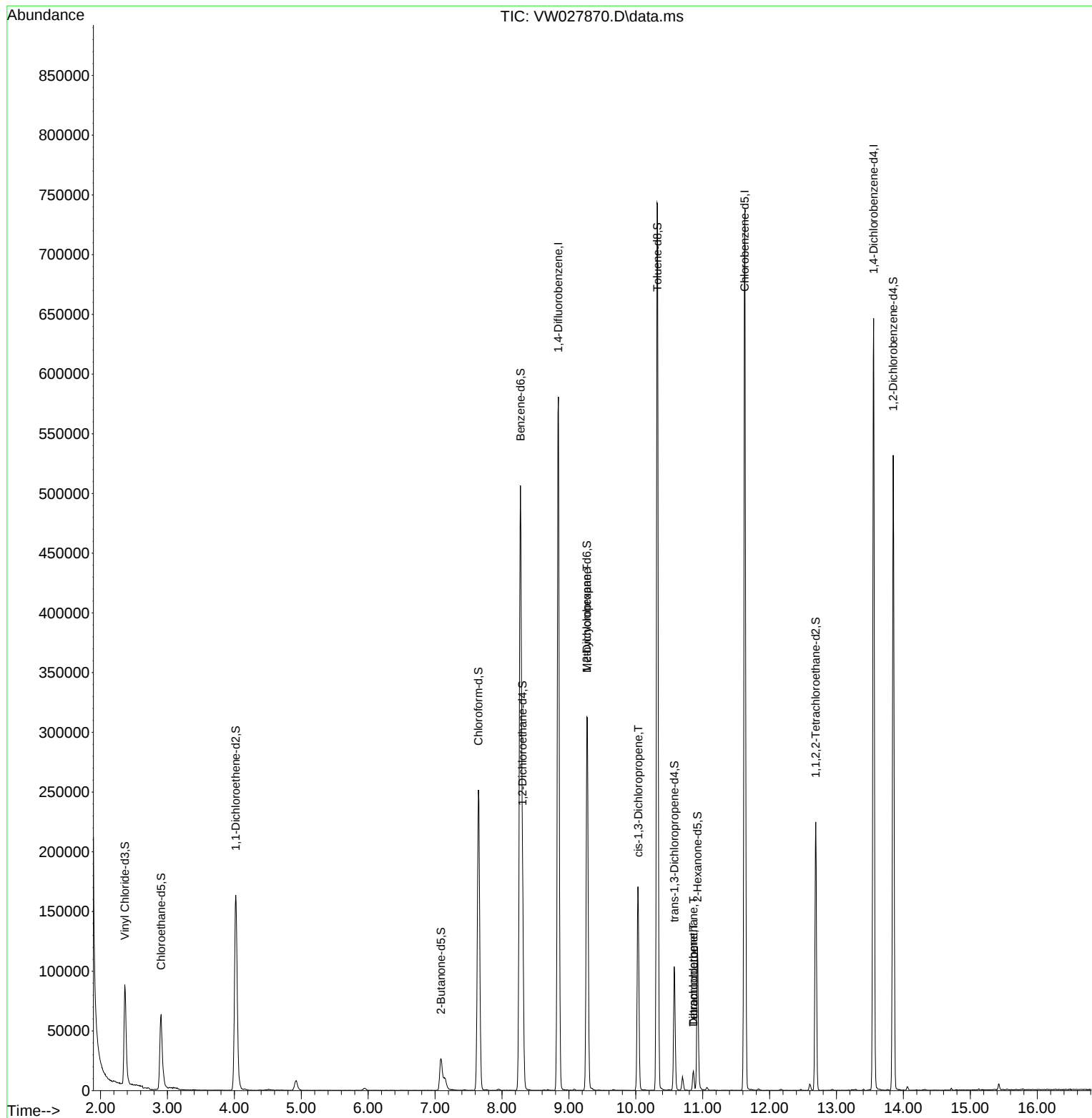
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 535996   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 447457   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.555 | 152   | 184035   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.362  | 65    | 116993   | 17.884   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 71.520%  |
| 7) Chloroethane-d5            | 2.905  | 69    | 96083    | 16.753   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 67.000%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 52628    | 17.884   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 71.520%  |
| 21) 2-Butanone-d5             | 7.087  | 46    | 47754    | 44.144   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 88.280%  |
| 24) Chloroform-d              | 7.648  | 84    | 268570   | 20.722   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 82.880%  |
| 26) 1,2-Dichloroethane-d4     | 8.306  | 65    | 124421   | 21.189   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 84.760%  |
| 32) Benzene-d6                | 8.276  | 84    | 563415   | 22.185   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 88.760%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 159047   | 22.637   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 90.560%  |
| 41) Toluene-d8                | 10.324 | 98    | 532130   | 22.413   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 89.640%  |
| 43) trans-1,3-Dichloroprop... | 10.574 | 79    | 60471    | 22.142   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 88.560%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 43918    | 47.621   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 95.240%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 115458   | 23.068   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 92.280%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 146212   | 22.600   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 90.400%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 35) Methylcyclohexane         | 9.270  | 83    | 39659    | 3.490    | ug/L # | 22       |
| 39) cis-1,3-Dichloropropene   | 10.038 | 75    | 4180     | 0.456    | ug/L # | 82       |
| 46) Tetrachloroethene         | 10.861 | 164   | 3893     | 0.707    | ug/L   | 92       |
| 49) Dibromochloromethane      | 10.861 | 129   | 3357     | 0.689    | ug/L # | 13       |
| -----                         |        |       |          |          |        |          |

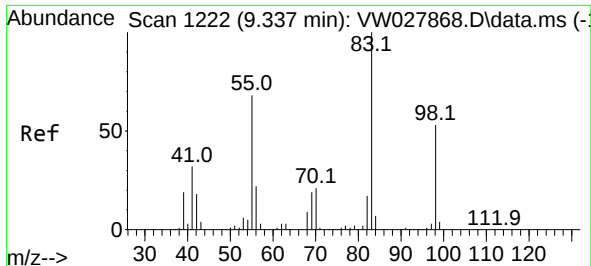
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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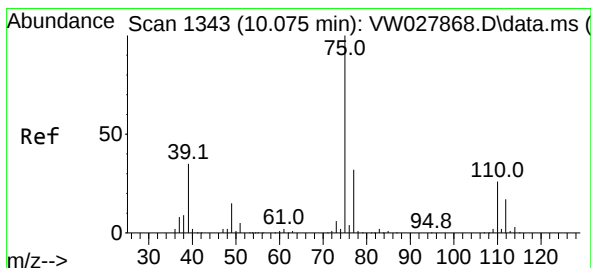
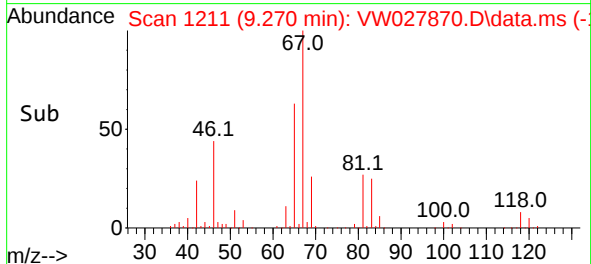
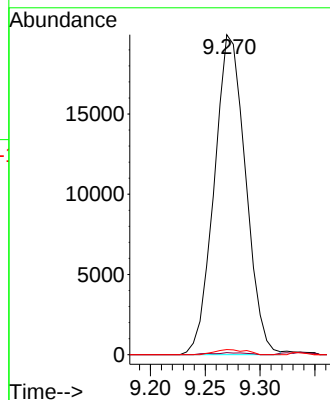
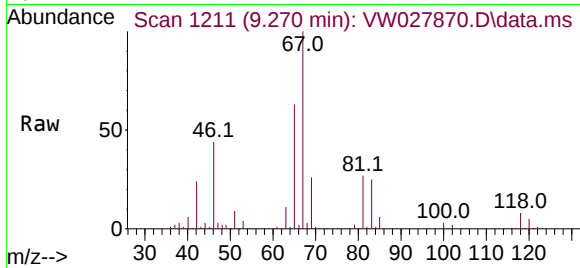




#35  
Methylcyclohexane  
Concen: 3.490 ug/L  
RT: 9.270 min Scan# 11  
Delta R.T. -0.067 min  
Lab File: VW027870.D  
Acq: 31 Jan 2024 11:41

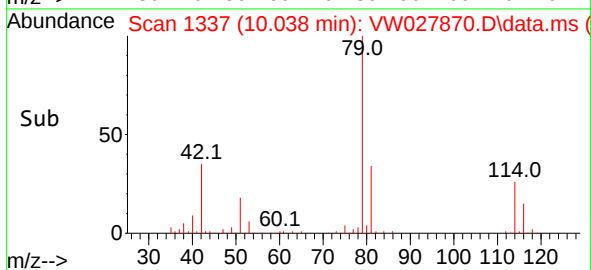
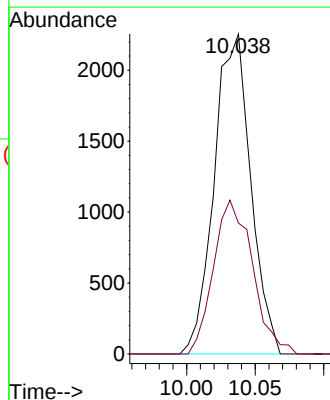
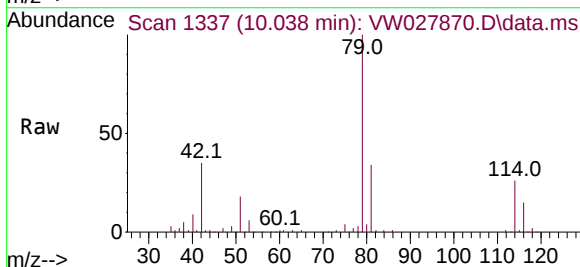
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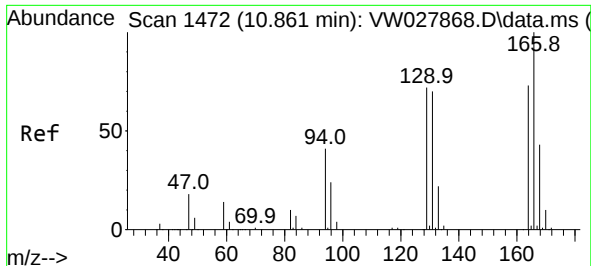
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 0.5   | 54.7  | 82.1# |
| 98      | 1.6   | 41.0  | 61.4# |



#39  
cis-1,3-Dichloropropene  
Concen: 0.456 ug/L  
RT: 10.038 min Scan# 1337  
Delta R.T. -0.037 min  
Lab File: VW027870.D  
Acq: 31 Jan 2024 11:41

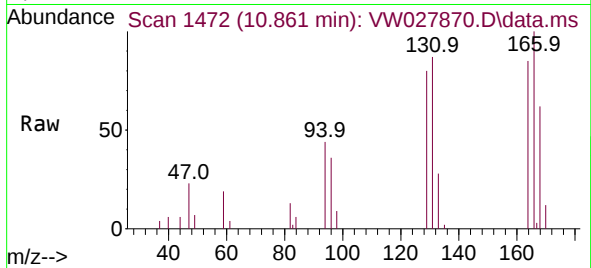
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 40.9  | 21.7  | 40.3# |



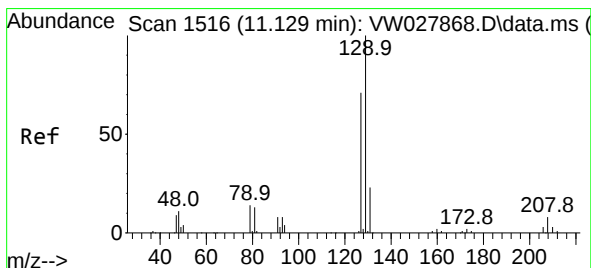
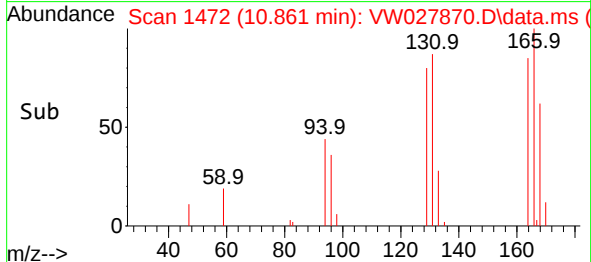
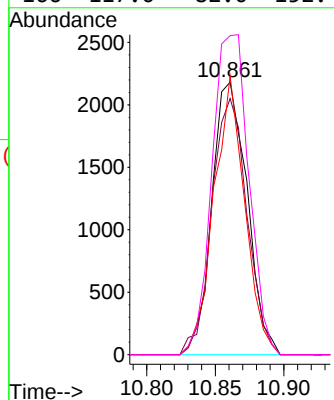


#46  
Tetrachloroethene  
Concen: 0.707 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VW027870.D  
Acq: 31 Jan 2024 11:41

Instrument :  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 129     | 94.0  | 62.7  | 116.5 |
| 131     | 102.2 | 57.3  | 106.5 |
| 166     | 117.0 | 82.0  | 152.4 |



#49  
Dibromochloromethane  
Concen: 0.689 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. -0.269 min  
Lab File: VW027870.D  
Acq: 31 Jan 2024 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 0.0   | 51.0  | 94.6# |

