

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100824\  
 Data File : VW030460.D  
 Acq On : 08 Oct 2024 20:11  
 Operator : SY/MD  
 Sample : P4329-18  
 Misc : 5.43g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 09 01:22:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092724SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Oct 09 01:13:46 2024  
 Response via : Initial Calibration

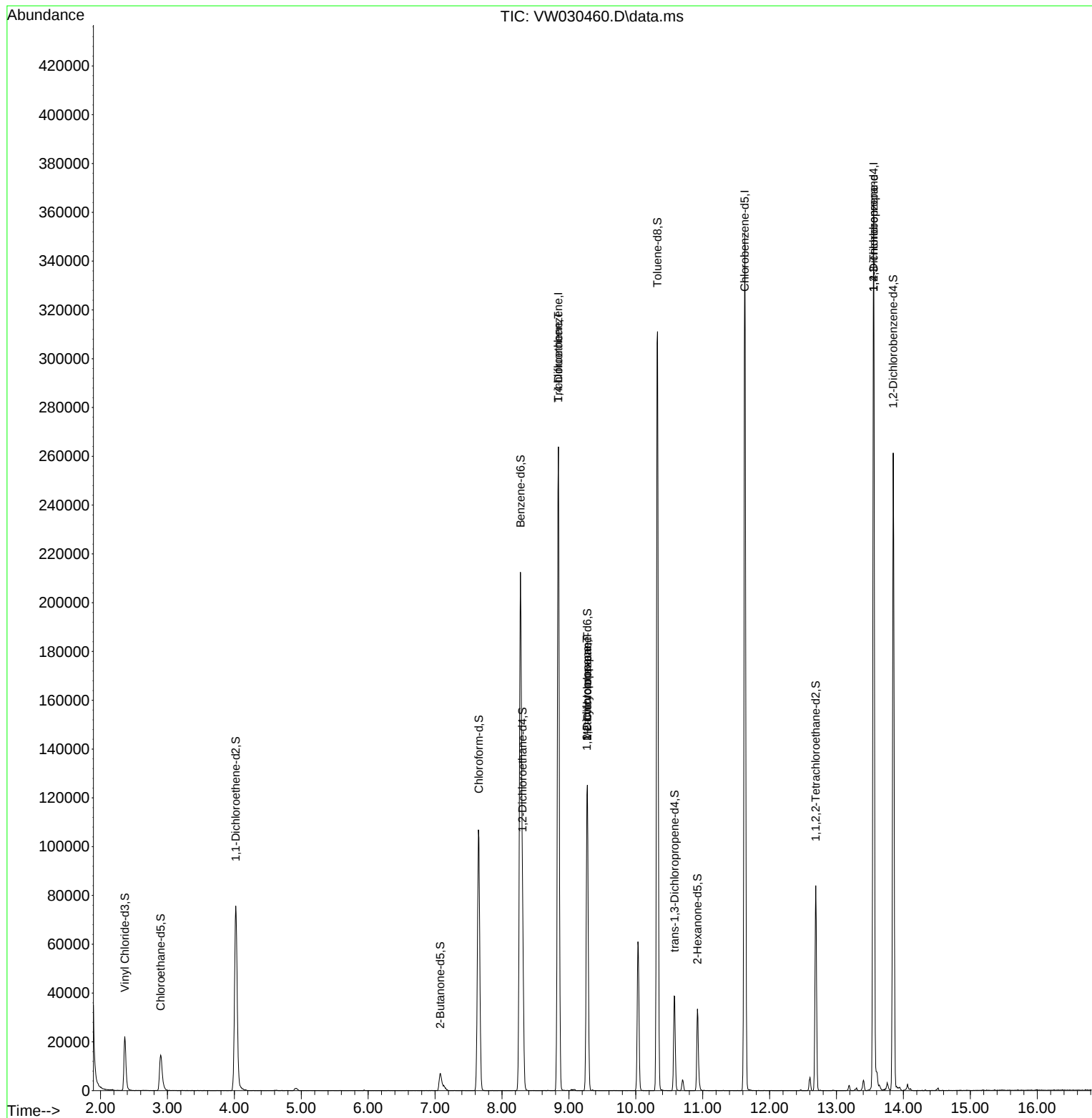
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 231626   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 213574   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 100777   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 28637    | 15.822   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 63.280%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 22894    | 17.384   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 69.520%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 23788    | 18.005   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 72.000%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 11768    | 16.167   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 32.340%  |
| 24) Chloroform-d              | 7.654  | 84    | 112008   | 18.000   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 72.000%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 55593    | 17.116   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 68.480%# |
| 32) Benzene-d6                | 8.276  | 84    | 226892   | 18.955   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 75.800%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 57992    | 16.108   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 64.440%# |
| 41) Toluene-d8                | 10.325 | 98    | 217731   | 19.836   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 79.360%  |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79    | 23137    | 15.451   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 61.800%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 11913    | 20.039   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 40.080%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 39220    | 14.579   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 58.320%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 71429    | 21.348   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 85.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 34) Trichloroethene           | 8.843  | 95    | 7115     | 2.056    | ug/L # | 4        |
| 35) Methylcyclohexane         | 9.276  | 83    | 16377    | 3.084    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 9.270  | 63    | 6884     | 2.006    | ug/L # | 87       |
| 61) 1,2,3-Trichloropropane    | 13.556 | 75    | 9527     | 4.973    | ug/L # | 64       |

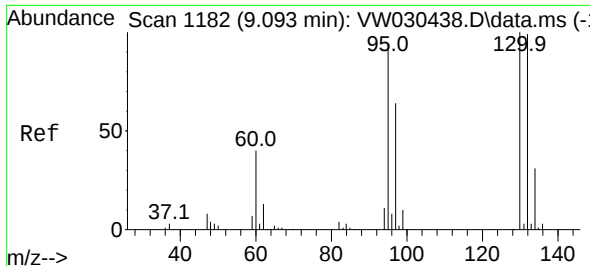
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#34

Trichloroethene

Concen: 2.056 ug/L

RT: 8.843 min Scan# 1114

Delta R.T. -0.250 min

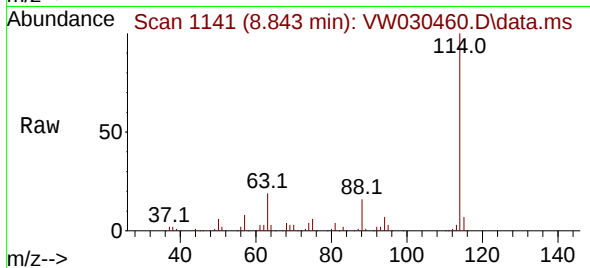
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Acq: 08 Oct 2024 20:11

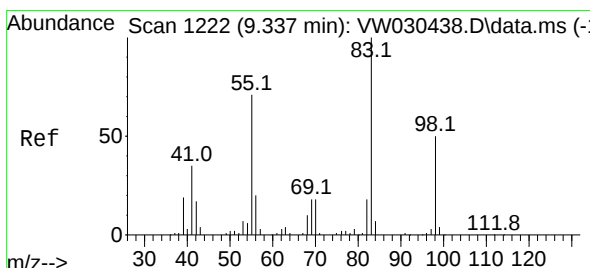
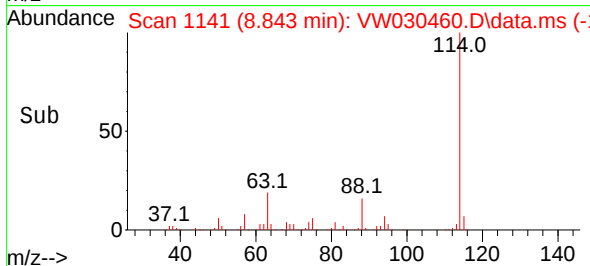
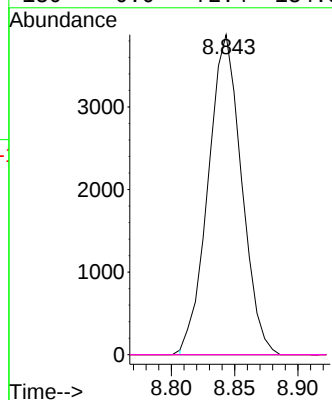
Instrument :

MSVOA\_W

ClientSampleId :



| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 95      | 100   |       |        |
| 97      | 0.0   | 47.5  | 88.1#  |
| 132     | 0.0   | 66.7  | 123.9# |
| 130     | 0.0   | 72.4  | 134.5# |



#35

Methylcyclohexane

Concen: 3.084 ug/L

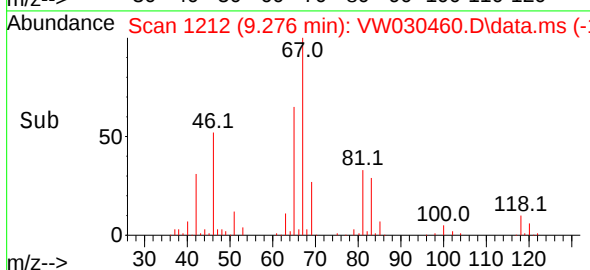
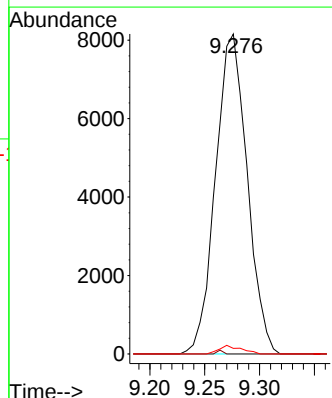
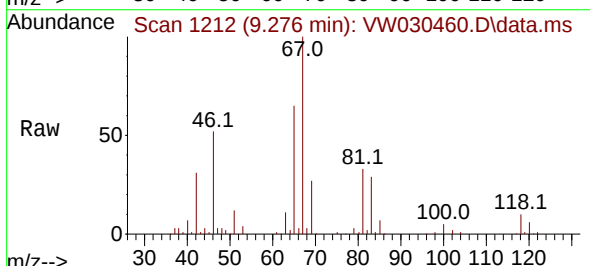
RT: 9.276 min Scan# 1212

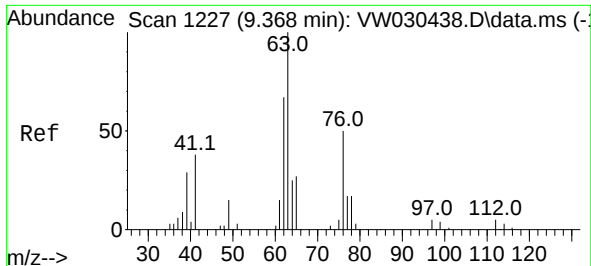
Delta R.T. -0.061 min

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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 0.0   | 61.7  | 92.5# |
| 98      | 1.9   | 37.2  | 55.8# |





#37

1,2-Dichloropropane

Concen: 2.006 ug/L

RT: 9.270 min Scan# 11

Delta R.T. -0.098 min

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Instrument :

MSVOA\_W

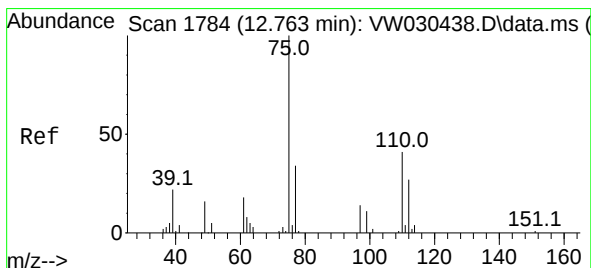
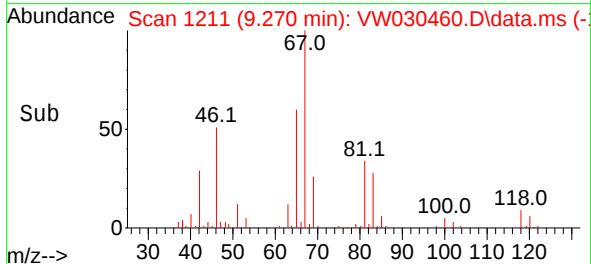
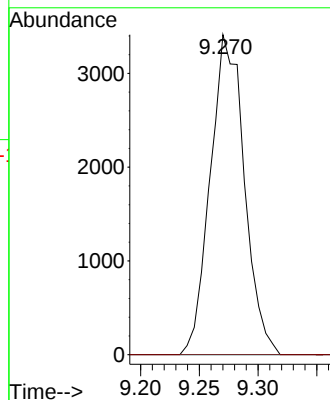
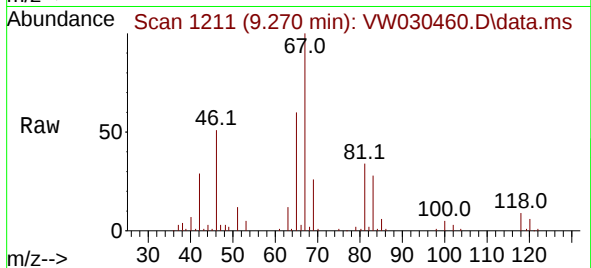
ClientSampleId :

Tgt Ion: 63 Resp: 6884

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#61

1,2,3-Trichloropropane

Concen: 4.973 ug/L

RT: 13.556 min Scan# 1914

Delta R.T. 0.792 min

Lab File: VW030460.D

Acq: 08 Oct 2024 20:11

Tgt Ion: 75 Resp: 9527

Ion Ratio Lower Upper

75 100

77 35.2 25.4 38.2

110 2.2 30.8 46.2#

