

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101222\  
 Data File : VW024891.D  
 Acq On : 12 Oct 2022 22:23  
 Operator : SY/VA  
 Sample : N5064-17RE  
 Misc : 7.44g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0BN6RE

Quant Time: Oct 12 23:24:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM101222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Oct 12 23:18:51 2022  
 Response via : Initial Calibration

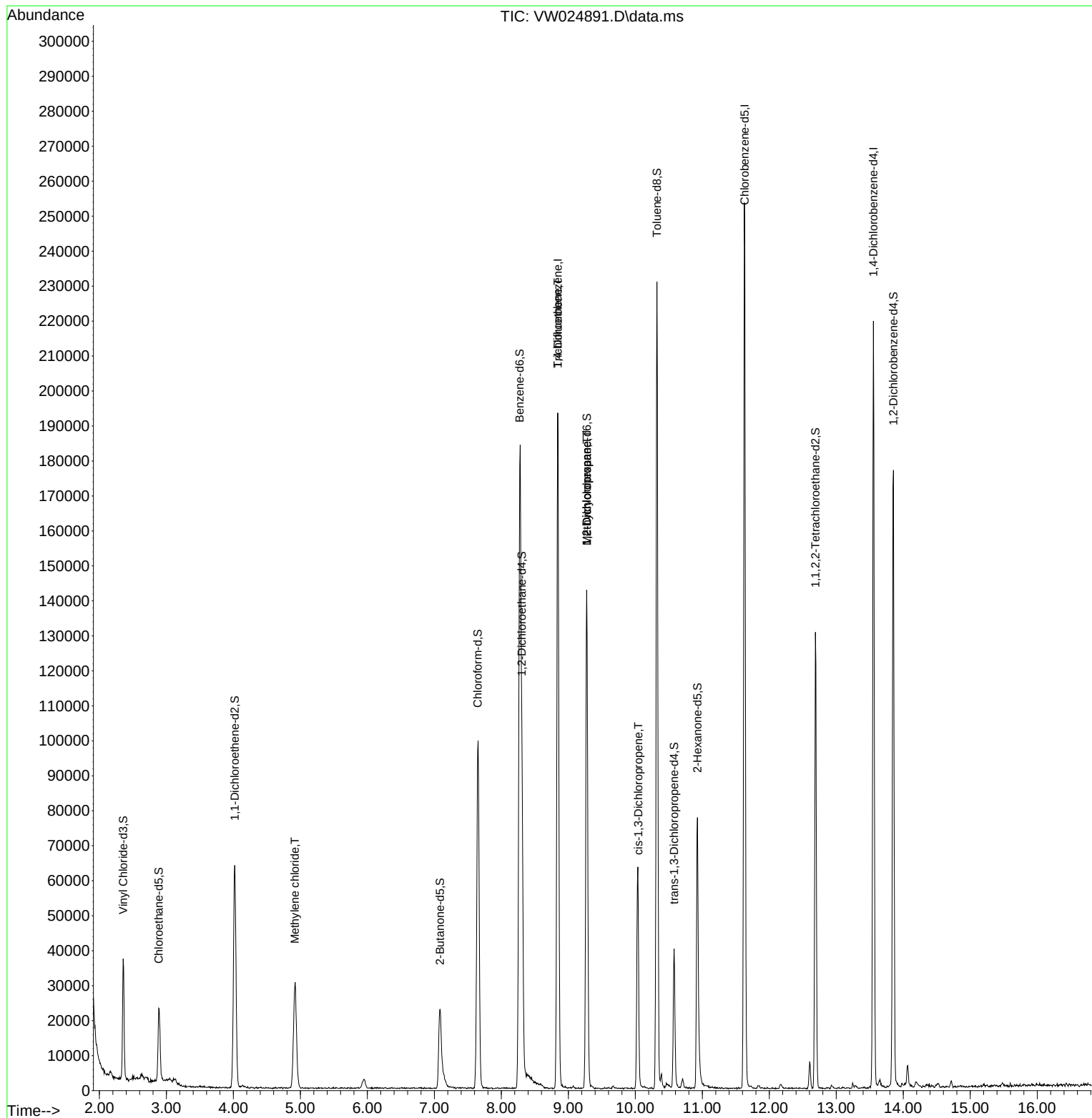
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 158275   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 140245   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 51434    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 32730    | 17.528   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 70.120%   |
| 7) Chloroethane-d5            | 2.885  | 69    | 23161    | 21.185   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 84.720%   |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 61961    | 15.262   | ug/L   | -0.01     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 61.040%   |
| 21) 2-Butanone-d5             | 7.086  | 46    | 41128    | 69.514   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 139.020%# |
| 24) Chloroform-d              | 7.647  | 84    | 102642   | 22.992   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 91.960%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 63657    | 27.246   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 109.000%  |
| 32) Benzene-d6                | 8.275  | 84    | 191731   | 21.801   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 87.200%   |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 68679    | 25.462   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 101.840%  |
| 41) Toluene-d8                | 10.323 | 98    | 150812   | 19.106   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 76.440%   |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 22727    | 22.216   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 88.880%   |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 28313    | 62.607   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 125.220%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 65910    | 31.332   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 125.320%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 45254    | 24.076   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 96.320%   |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 16) Methylene chloride        | 4.916  | 84    | 21928    | 7.847    | ug/L   | 94        |
| 34) Trichloroethene           | 8.842  | 95    | 5013     | 2.086    | ug/L # | 7         |
| 35) Methylcyclohexane         | 9.275  | 83    | 16025    | 3.706    | ug/L # | 19        |
| 37) 1,2-Dichloropropane       | 9.275  | 63    | 7728     | 3.250    | ug/L # | 87        |
| 39) cis-1,3-Dichloropropene   | 10.043 | 75    | 1665     | 0.484    | ug/L # | 25        |
| -----                         |        |       |          |          |        |           |

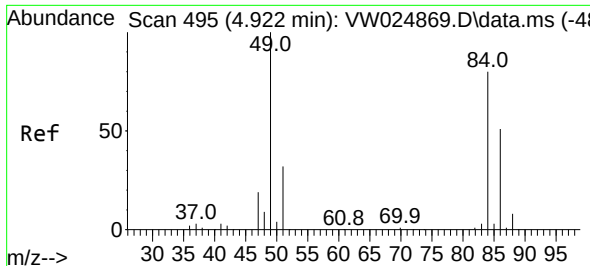
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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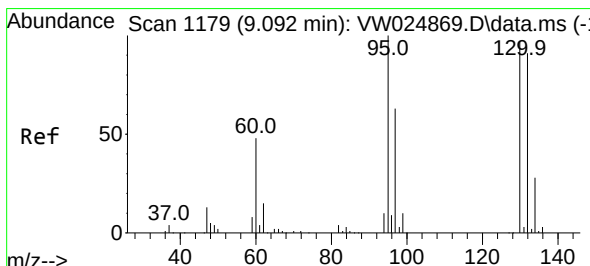
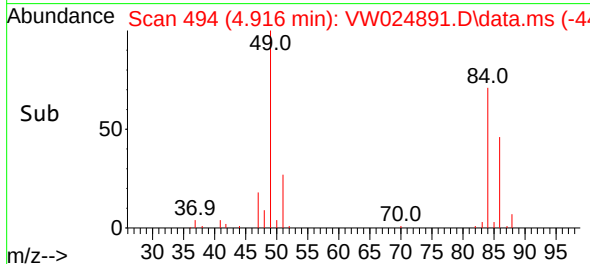
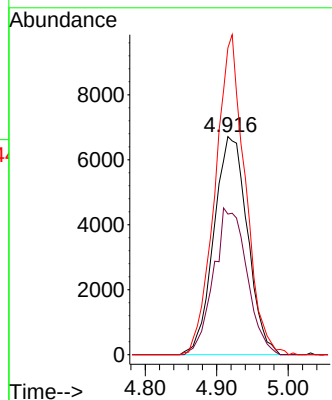
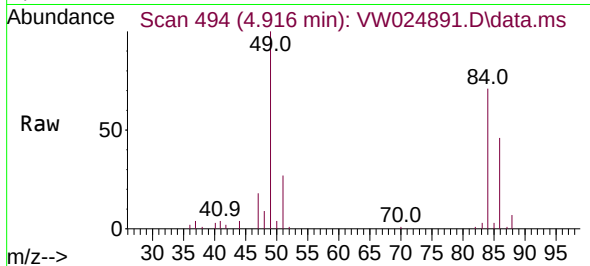




#16  
Methylene chloride  
Concen: 7.847 ug/L  
RT: 4.916 min Scan# 49  
Delta R.T. -0.006 min  
Lab File: VW024891.D  
Acq: 12 Oct 2022 22:23

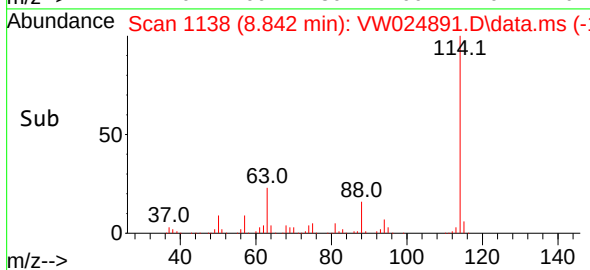
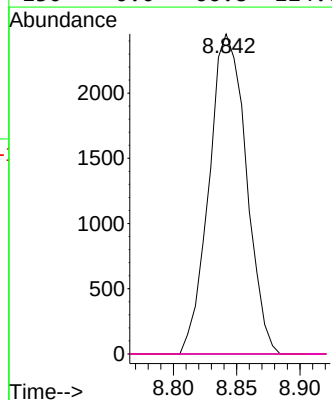
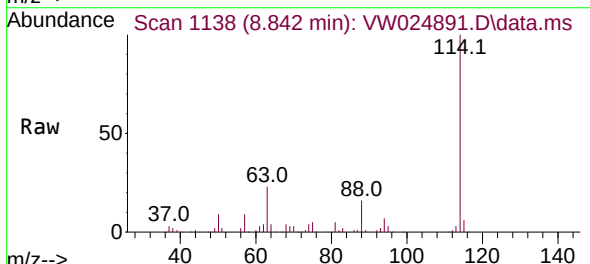
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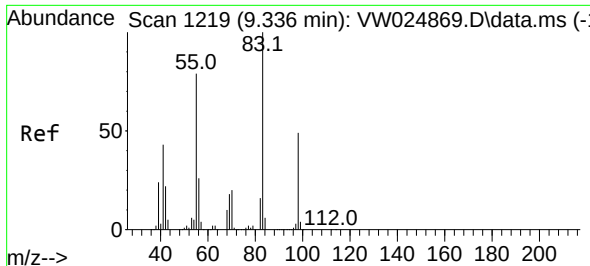
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 21928 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 64.5  | 45.5  | 84.5  |
| 49       | 140.6 | 90.9  | 168.9 |



#34  
Trichloroethene  
Concen: 2.086 ug/L  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.250 min  
Lab File: VW024891.D  
Acq: 12 Oct 2022 22:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 5013   |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 0.0   | 44.2  | 82.0#  |
| 132      | 0.0   | 62.9  | 116.7# |
| 130      | 0.0   | 66.8  | 124.0# |

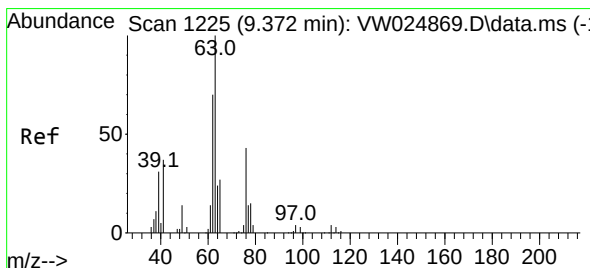
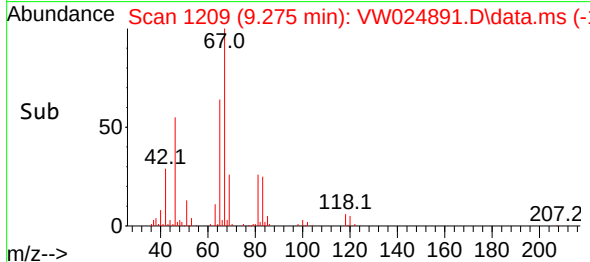
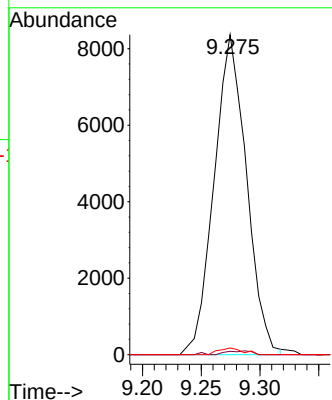
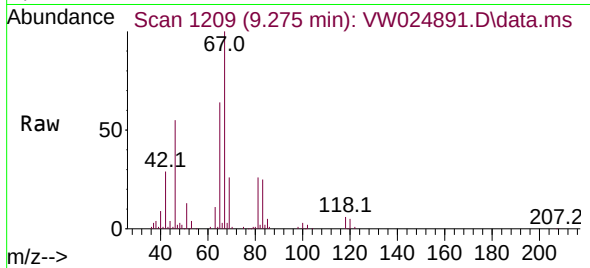




#35  
Methylcyclohexane  
Concen: 3.706 ug/L  
RT: 9.275 min Scan# 11  
Delta R.T. -0.061 min  
Lab File: VW024891.D  
Acq: 12 Oct 2022 22:23

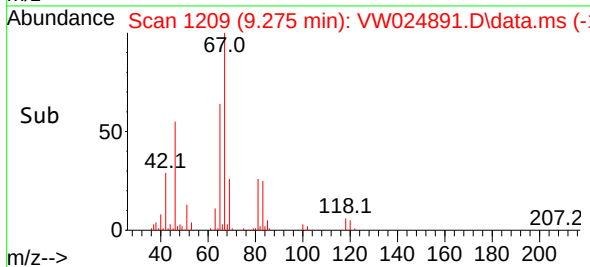
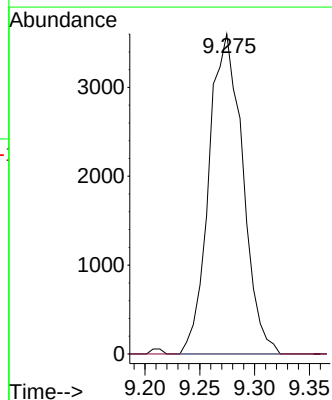
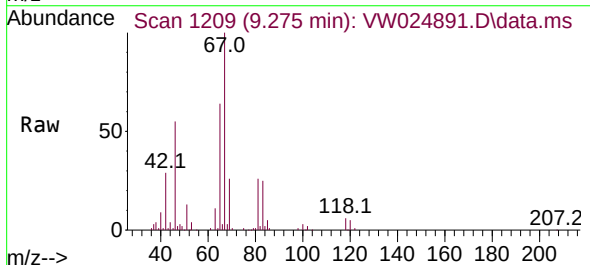
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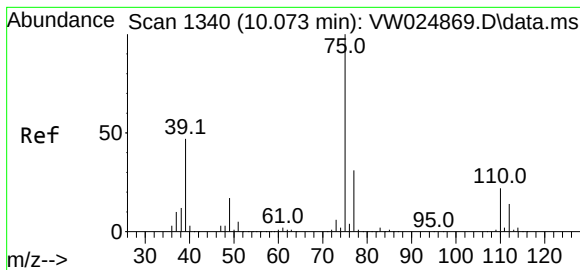
Tgt Ion: 83 Resp: 16025  
Ion Ratio Lower Upper  
83 100  
55 0.9 62.5 93.7#  
98 1.6 37.2 55.8#



#37  
1,2-Dichloropropane  
Concen: 3.250 ug/L  
RT: 9.275 min Scan# 1209  
Delta R.T. -0.098 min  
Lab File: VW024891.D  
Acq: 12 Oct 2022 22:23

Tgt Ion: 63 Resp: 7728  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.2#





#39  
 cis-1,3-Dichloropropene  
 Concen: 0.484 ug/L  
 RT: 10.043 min Scan# 11  
 Delta R.T. -0.031 min  
 Lab File: VW024891.D  
 Acq: 12 Oct 2022 22:23

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0BN6RE

Tgt Ion: 75 Resp: 1665  
 Ion Ratio Lower Upper  
 75 100  
 77 72.8 21.9 40.7#

