

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW111924\  
 Data File : VW031061.D  
 Acq On : 19 Nov 2024 16:13  
 Operator : SY/MD  
 Sample : P4872-23  
 Misc : 5.01g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 20 03:21:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM110424SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Nov 20 03:15:02 2024  
 Response via : Initial Calibration

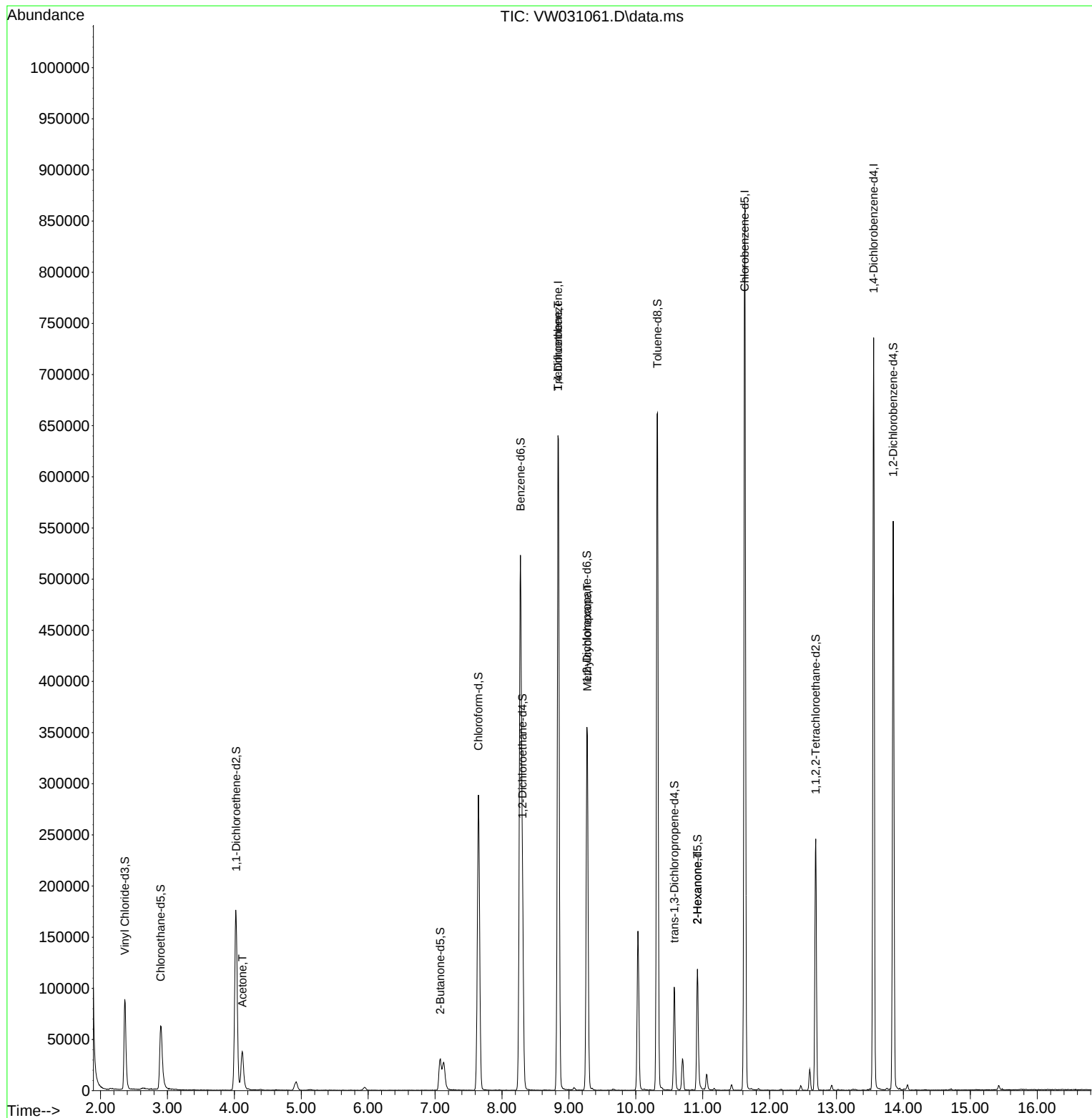
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 556079   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 486580   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 198202   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 112923   | 12.382   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 49.520%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 98683    | 14.108   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 56.440%  |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 53459    | 14.205   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 56.840%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 51683    | 34.436   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 68.880%  |
| 24) Chloroform-d              | 7.648  | 84    | 292852   | 17.864   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 71.440%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 141416   | 17.350   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 69.400%# |
| 32) Benzene-d6                | 8.276  | 84    | 543634   | 17.984   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 71.920%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 172452   | 19.352   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 77.400%  |
| 41) Toluene-d8                | 10.325 | 98    | 462061   | 17.041   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 68.160%  |
| 43) trans-1,3-Dichloroprop... | 10.574 | 79    | 58400    | 16.168   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 64.680%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 40756    | 35.290   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 70.580%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 124078   | 19.985   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 79.960%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 148922   | 20.627   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 82.520%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.118  | 43    | 63078    | 34.411   | ug/L   | 95       |
| 34) Trichloroethene           | 8.837  | 95    | 16222    | 1.876    | ug/L # | 4        |
| 35) Methylcyclohexane         | 9.276  | 83    | 43016    | 3.138    | ug/L # | 18       |
| 48) 2-Hexanone                | 10.922 | 43    | 5575     | 2.044    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

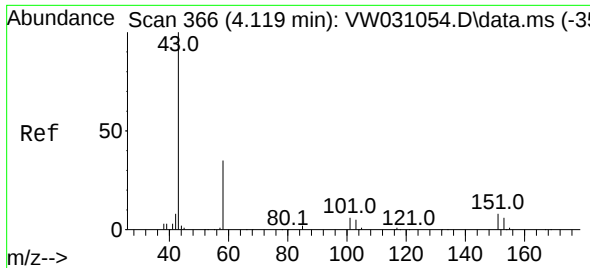
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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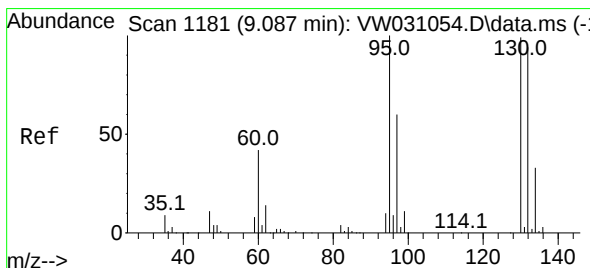
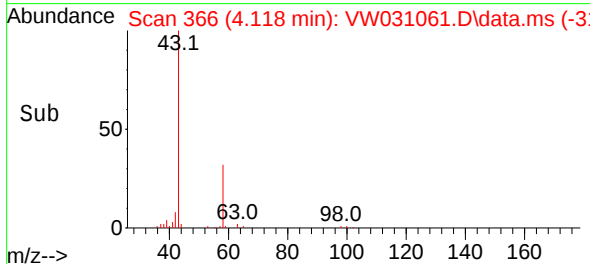
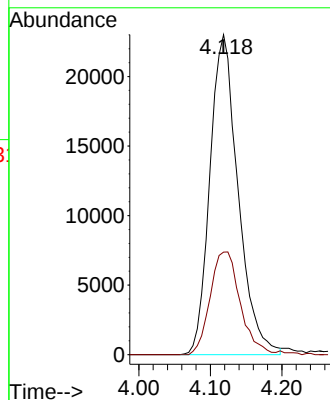
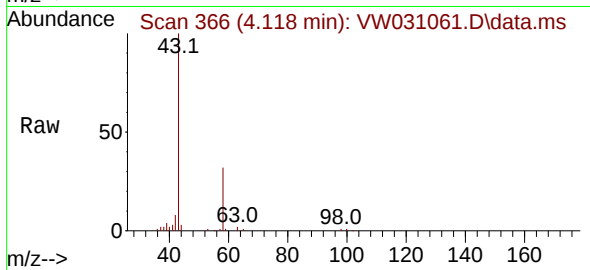




#13  
Acetone  
Concen: 34.411 ug/L  
RT: 4.118 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VW031061.D  
Acq: 19 Nov 2024 16:13

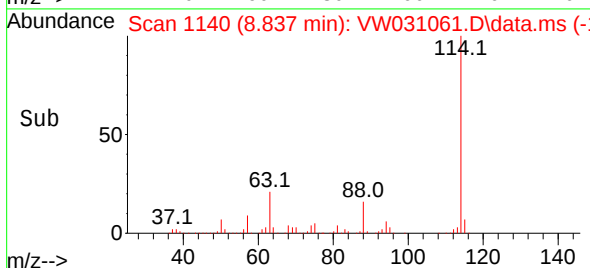
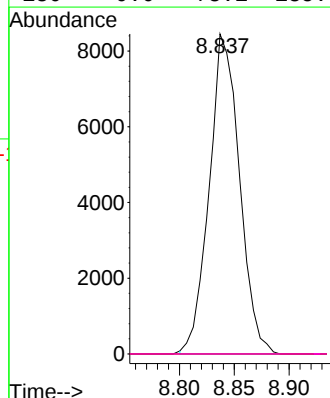
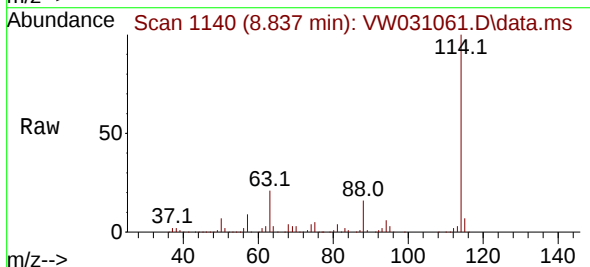
Instrument :  
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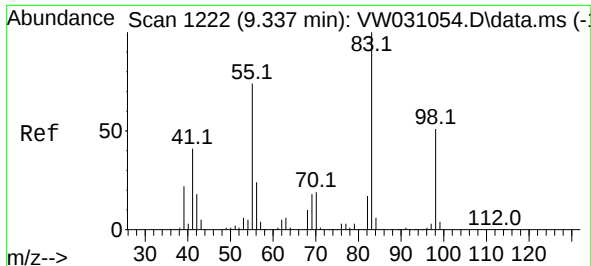
Tgt Ion: 43 Resp: 63078  
Ion Ratio Lower Upper  
43 100  
58 34.2 0.0 62.6



#34  
Trichloroethene  
Concen: 1.876 ug/L  
RT: 8.837 min Scan# 1140  
Delta R.T. -0.250 min  
Lab File: VW031061.D  
Acq: 19 Nov 2024 16:13

Tgt Ion: 95 Resp: 16222  
Ion Ratio Lower Upper  
95 100  
97 0.0 48.9 90.7#  
132 0.0 67.7 125.7#  
130 0.0 73.1 135.8#





#35

Methylcyclohexane

Concen: 3.138 ug/L

RT: 9.276 min Scan# 11

Delta R.T. -0.061 min MSVOA\_W

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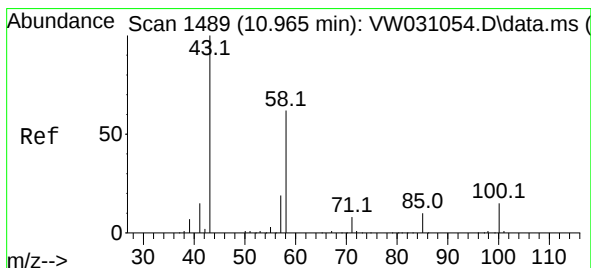
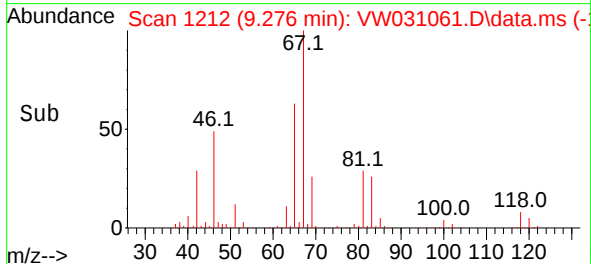
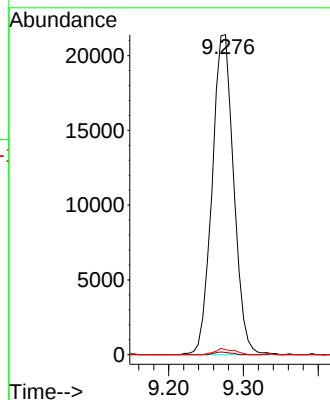
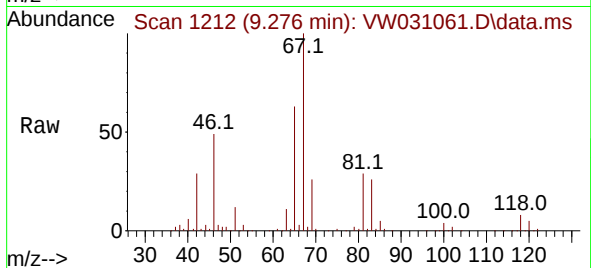
Acq: 19 Nov 2024 16:13

Instrument :

MSVOA\_W

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 43016    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 0.6 62.8 94.2# |
| 98          | 1.7 39.4 59.2# |



#48

2-Hexanone

Concen: 2.044 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.043 min

Lab File: VW031061.D

Acq: 19 Nov 2024 16:13

|             |                 |
|-------------|-----------------|
| Tgt Ion: 43 | Resp: 5575      |
| Ion Ratio   | Lower Upper     |
| 43          | 100             |
| 58          | 30.3 43.8 65.8# |
| 57          | 34.8 15.4 23.2# |
| 100         | 3.3 10.2 15.2#  |

