

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121724\  
 Data File : VW031316.D  
 Acq On : 17 Dec 2024 14:37  
 Operator : SY/MD  
 Sample : P5258-10  
 Misc : 5.43g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 18 00:18:41 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

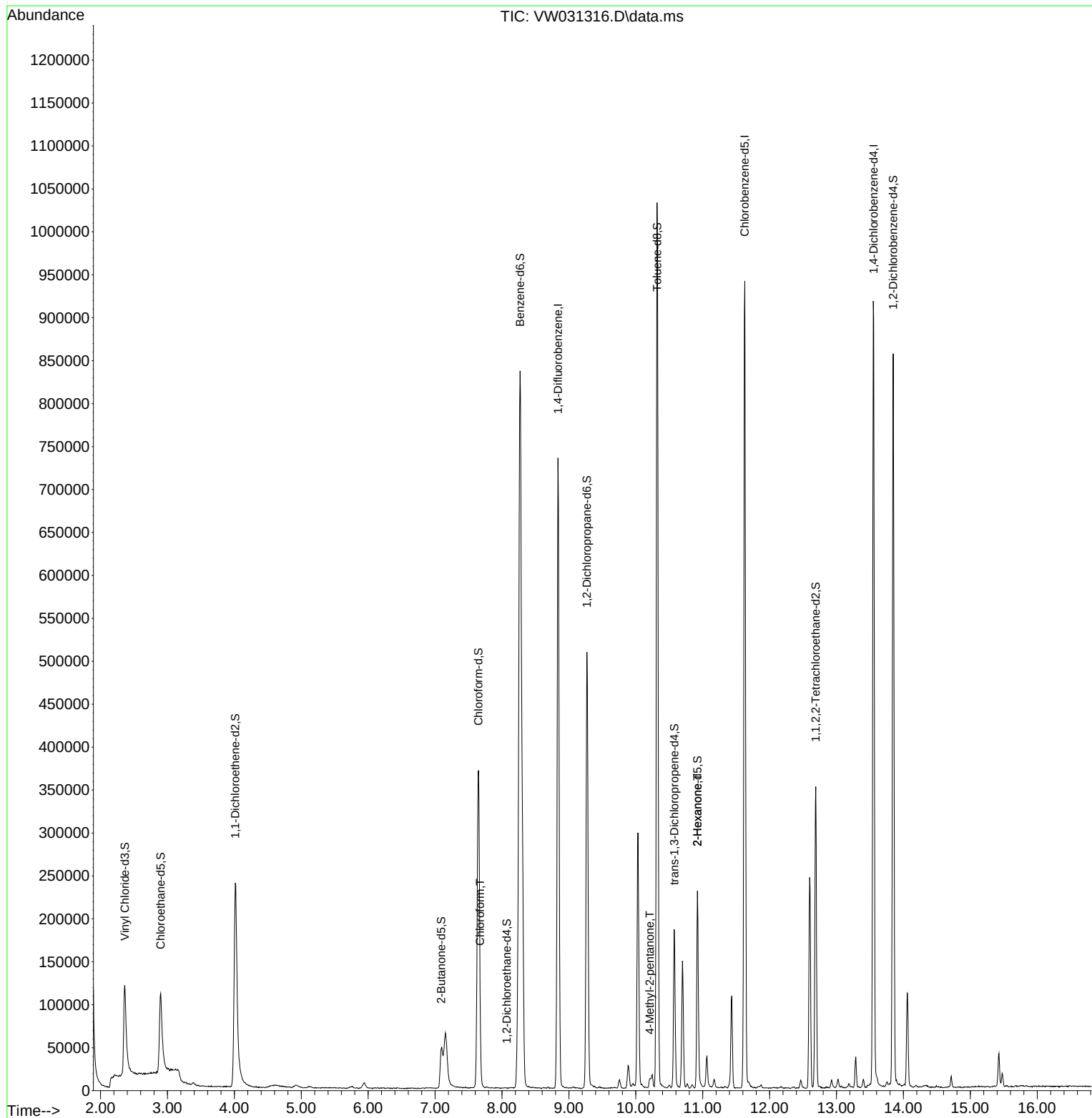
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 600022   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 511608   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 229966   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 188237   | 20.850   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 83.400%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 156047   | 23.366   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 93.480%  |
| 11) 1,1-Dichloroethene-d2     | 4.015  | 65    | 91379    | 21.338   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 85.360%  |
| 21) 2-Butanone-d5             | 7.093  | 46    | 97979    | 57.628   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 115.260% |
| 24) Chloroform-d              | 7.648  | 84    | 379150   | 23.063   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 92.240%  |
| 26) 1,2-Dichloroethane-d4     | 8.069  | 65    | 70       | 0.008    | ug/L   | -0.23    |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.040%#  |
| 32) Benzene-d6                | 8.270  | 84    | 775158   | 23.639   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 94.560%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 230898   | 24.160   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 96.640%  |
| 41) Toluene-d8                | 10.318 | 98    | 693113   | 22.721   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 90.880%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 99543    | 22.589   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 90.360%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 77707    | 60.462   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 120.920% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 174242   | 29.038   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 116.160% |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 215884   | 25.287   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 101.160% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 25) Chloroform                | 7.673  | 83    | 7716     | 0.528    | ug/L   | 96       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43    | 9037     | 2.160    | ug/L   | 96       |
| 48) 2-Hexanone                | 10.922 | 43    | 9105     | 2.558    | ug/L # | 69       |
| -----                         |        |       |          |          |        |          |

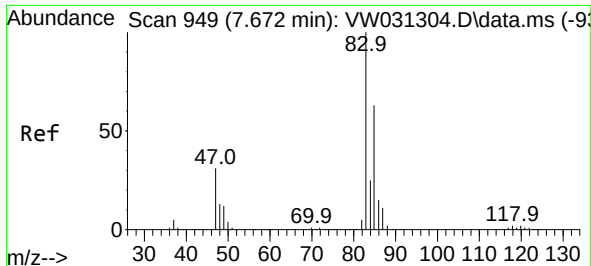
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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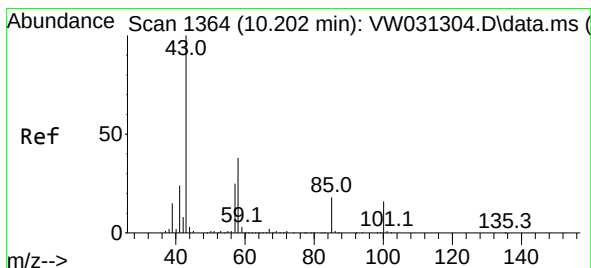
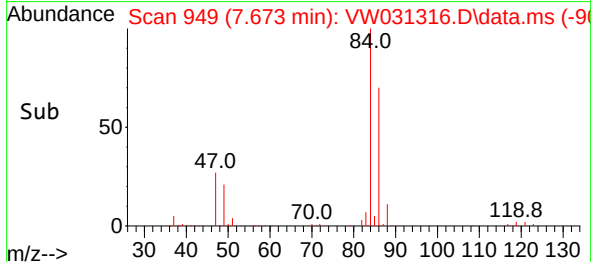
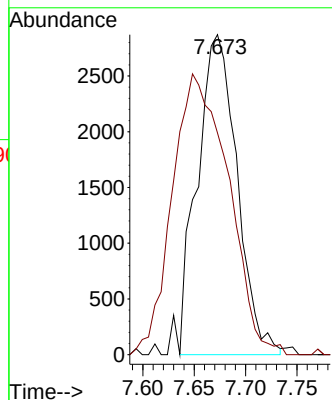
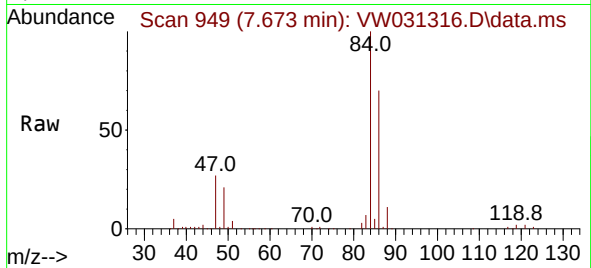




#25  
Chloroform  
Concen: 0.528 ug/L  
RT: 7.673 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: VW031316.D  
Acq: 17 Dec 2024 14:37

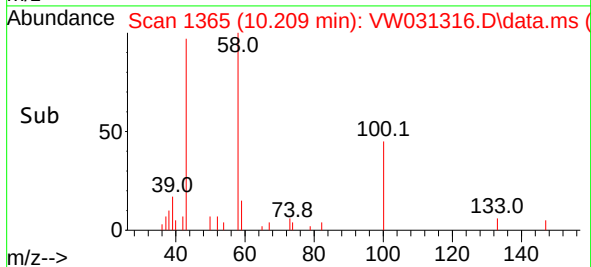
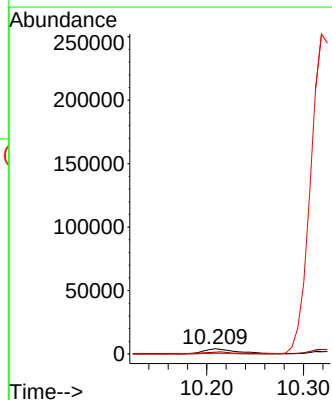
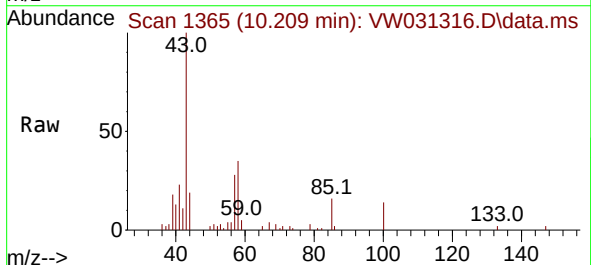
Instrument :  
MSVOA\_W  
ClientSampleId :

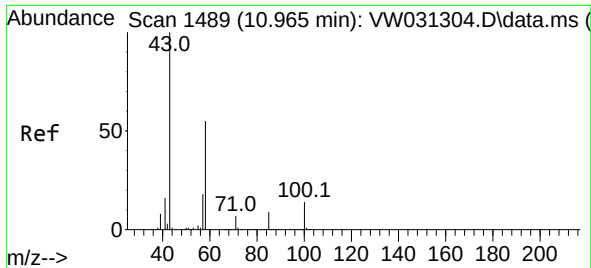
Tgt Ion: 83 Resp: 7716  
Ion Ratio Lower Upper  
83 100  
85 69.3 46.1 85.5



#40  
4-Methyl-2-pentanone  
Concen: 2.160 ug/L  
RT: 10.209 min Scan# 1365  
Delta R.T. 0.006 min  
Lab File: VW031316.D  
Acq: 17 Dec 2024 14:37

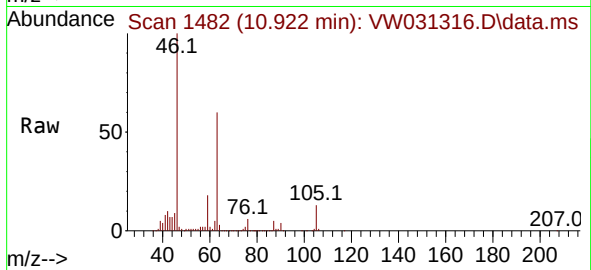
Tgt Ion: 43 Resp: 9037  
Ion Ratio Lower Upper  
43 100  
58 37.3 31.1 46.7  
100 13.1 13.0 19.6





#48  
 2-Hexanone  
 Concen: 2.558 ug/L  
 RT: 10.922 min Scan# 14  
 Delta R.T. -0.042 min  
 Lab File: VW031316.D  
 Acq: 17 Dec 2024 14:37

Instrument :  
 MSVOA\_W  
 ClientSampleId :



|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 43 | Resp: | 9105        |
| Ion         | Ratio | Lower Upper |
| 43          | 100   |             |
| 58          | 27.6  | 43.0 64.6#  |
| 57          | 27.1  | 15.7 23.5#  |
| 100         | 0.0   | 10.3 15.5#  |

