

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121624\  
 Data File : VW031272.D  
 Acq On : 16 Dec 2024 15:23  
 Operator : SY/MD  
 Sample : P5232-17  
 Misc : 4.32g/10mL/MSVOA\_W/SOILB  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 17 00:37:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Dec 17 00:33:32 2024  
 Response via : Initial Calibration

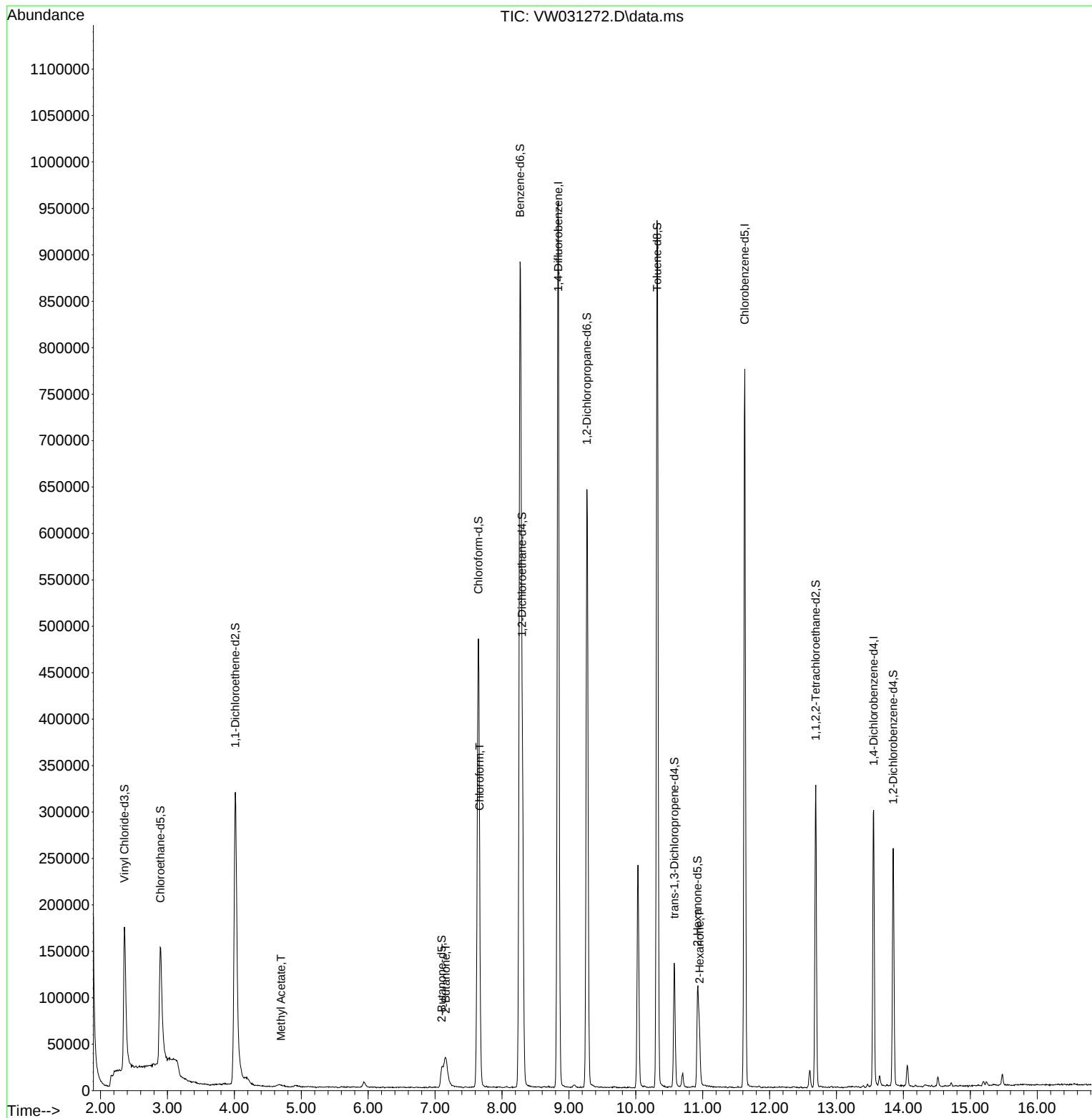
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 775027   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 408742   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.555 | 152   | 76651    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.356  | 65    | 247755   | 21.246   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 85.000%   |
| 7) Chloroethane-d5            | 2.893  | 69    | 208676   | 24.191   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 96.760%   |
| 11) 1,1-Dichloroethene-d2     | 4.014  | 65    | 119808   | 21.659   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 86.640%   |
| 21) 2-Butanone-d5             | 7.099  | 46    | 38862    | 17.696   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 35.400%   |
| 24) Chloroform-d              | 7.648  | 84    | 496206   | 23.367   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 93.480%   |
| 26) 1,2-Dichloroethane-d4     | 8.300  | 65    | 260277   | 24.406   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 97.640%   |
| 32) Benzene-d6                | 8.270  | 84    | 924667   | 35.295   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 141.200%# |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 294500   | 38.571   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 154.280%# |
| 41) Toluene-d8                | 10.318 | 98    | 639706   | 26.248   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 105.000%  |
| 43) trans-1,3-Dichloroprop... | 10.574 | 79    | 73758    | 20.950   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 83.800%   |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 31417    | 30.597   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 61.200%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 159067   | 33.181   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 132.720%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 63663    | 22.372   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 89.480%   |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 15) Methyl Acetate            | 4.697  | 43    | 3346     | 0.963    | ug/L # | 64        |
| 22) 2-Butanone                | 7.160  | 43    | 47274    | 12.757   | ug/L # | 49        |
| 25) Chloroform                | 7.666  | 83    | 6415     | 0.340    | ug/L # | 62        |
| 48) 2-Hexanone                | 10.952 | 43    | 33141    | 11.656   | ug/L # | 39        |
| -----                         |        |       |          |          |        |           |

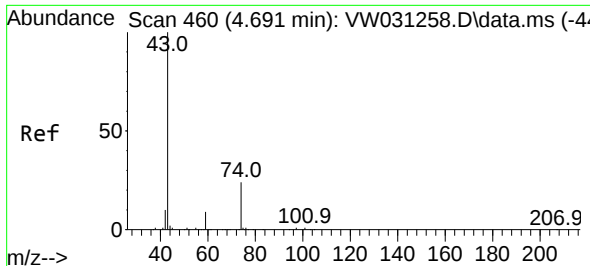
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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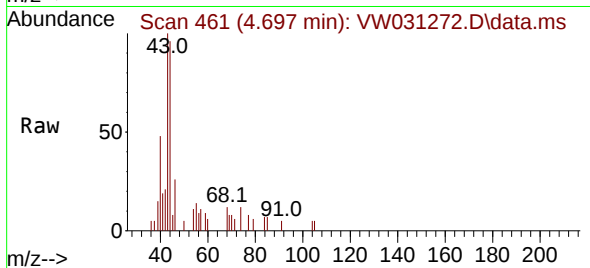
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
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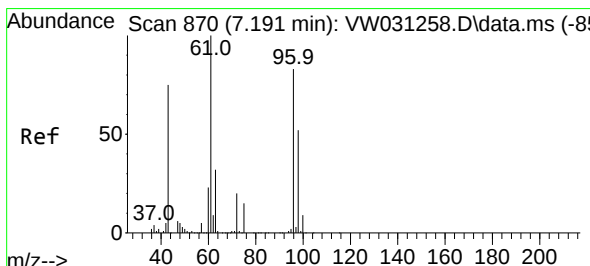
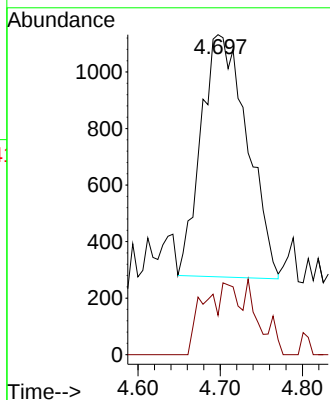
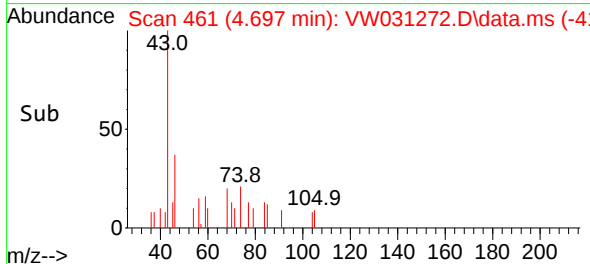


#15  
Methyl Acetate  
Concen: 0.963 ug/L  
RT: 4.697 min Scan# 4  
Delta R.T. 0.006 min  
Lab File: VW031272.D  
Acq: 16 Dec 2024 15:23

Instrument :  
MSVOA\_W  
ClientSampleId :

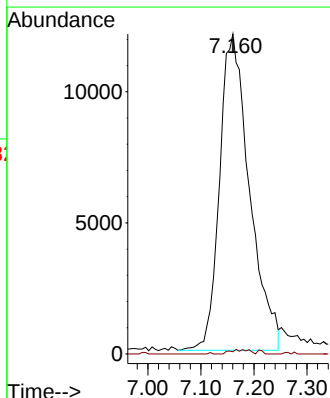
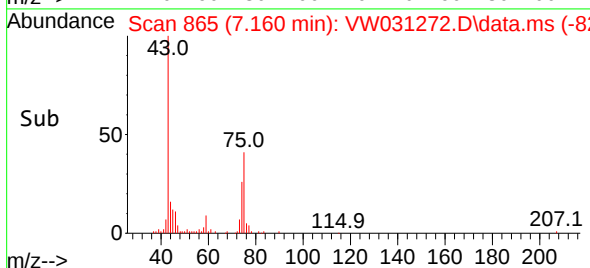
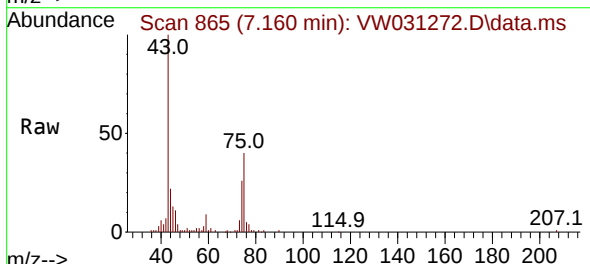


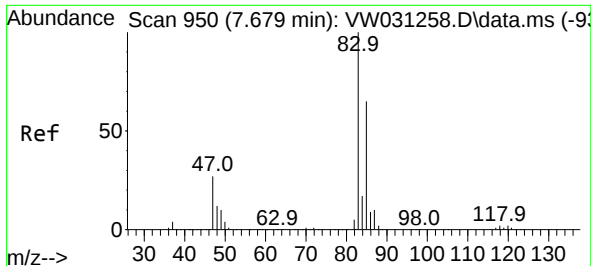
Tgt Ion: 43 Resp: 3346  
Ion Ratio Lower Upper  
43 100  
74 6.0 18.9 28.3#



#22  
2-Butanone  
Concen: 12.757 ug/L  
RT: 7.160 min Scan# 865  
Delta R.T. -0.031 min  
Lab File: VW031272.D  
Acq: 16 Dec 2024 15:23

Tgt Ion: 43 Resp: 47274  
Ion Ratio Lower Upper  
43 100  
72 0.1 13.3 39.8#

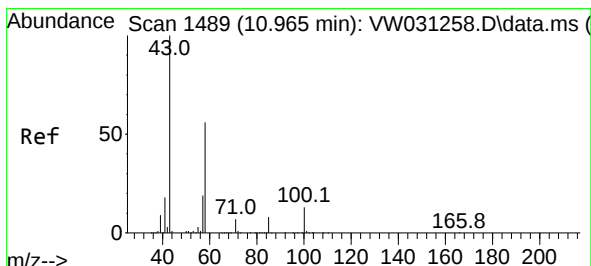
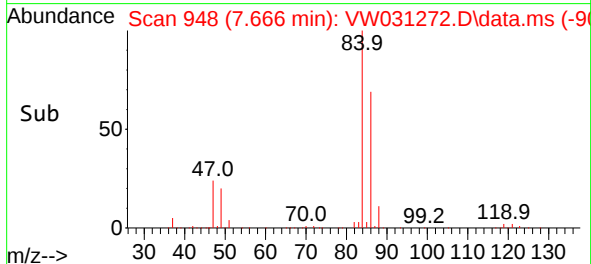
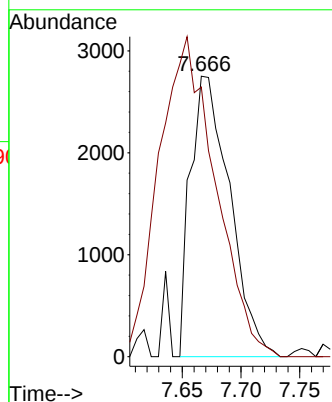
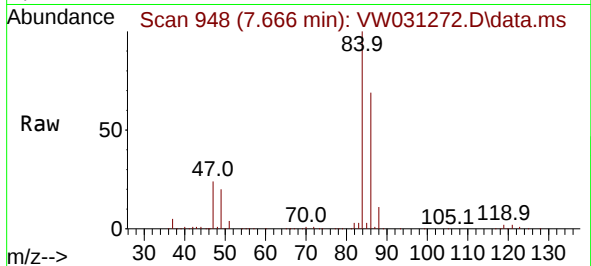




#25  
Chloroform  
Concen: 0.340 ug/L  
RT: 7.666 min Scan# 94  
Delta R.T. -0.013 min  
Lab File: VW031272.D  
Acq: 16 Dec 2024 15:23

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 83 Resp: 6415  
Ion Ratio Lower Upper  
83 100  
85 96.1 46.1 85.5#



#48  
2-Hexanone  
Concen: 11.656 ug/L  
RT: 10.952 min Scan# 1487  
Delta R.T. -0.013 min  
Lab File: VW031272.D  
Acq: 16 Dec 2024 15:23

Tgt Ion: 43 Resp: 33141  
Ion Ratio Lower Upper  
43 100  
58 0.6 43.0 64.6#  
57 0.0 15.7 23.5#  
100 0.3 10.3 15.5#

