

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121924\  
 Data File : VW031404.D  
 Acq On : 20 Dec 2024 00:08  
 Operator : SY/MD  
 Sample : P5333-06  
 Misc : 3.5g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 20 04:09:51 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Dec 20 03:08:41 2024  
 Response via : Initial Calibration

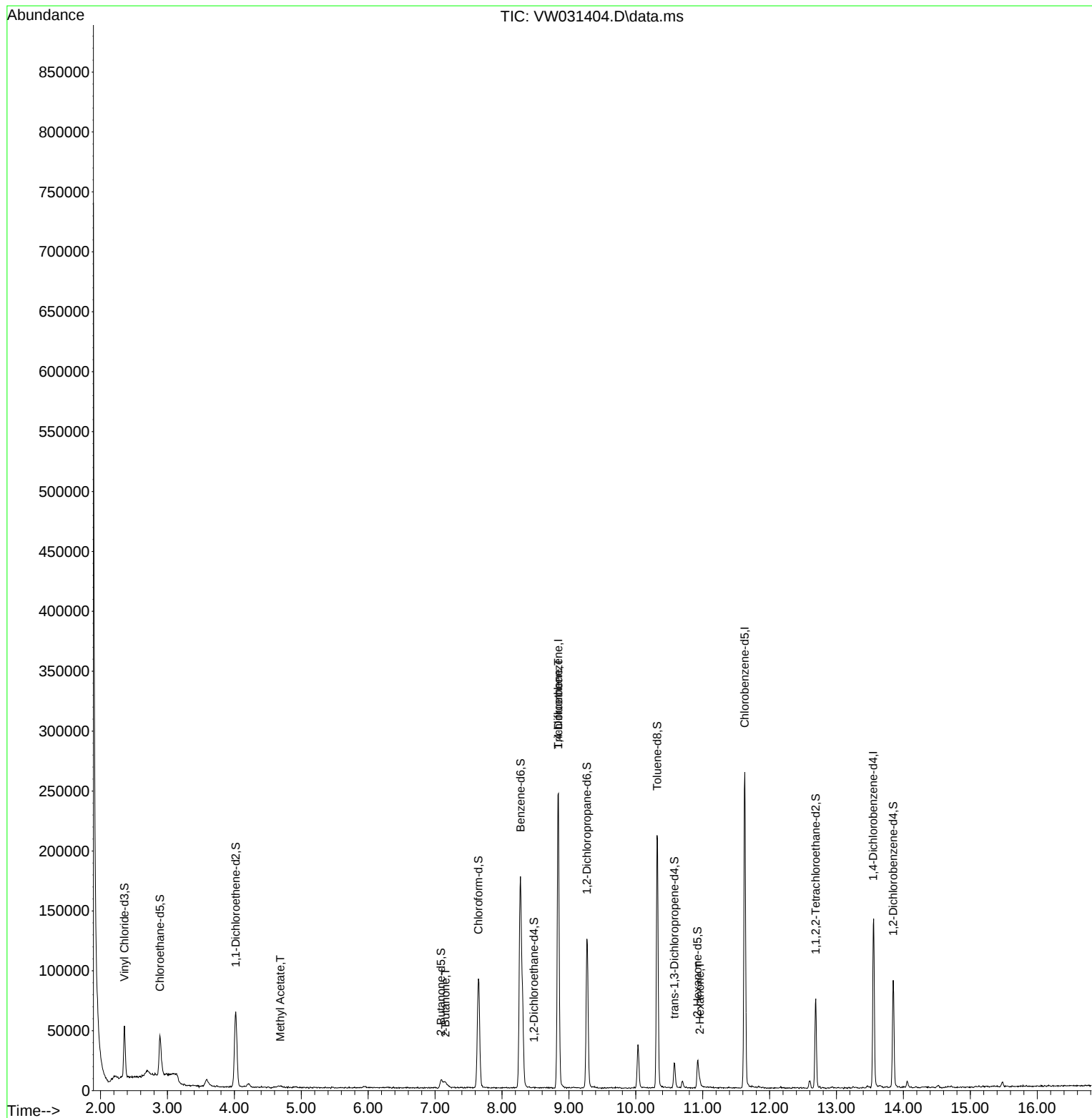
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 209365   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 144568   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.550 | 152   | 37445    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.357  | 65    | 46842    | 14.870   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 59.480%  |
| 7) Chloroethane-d5            | 2.887  | 69    | 41576    | 17.842   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 71.360%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 19544    | 13.079   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 52.320%  |
| 21) 2-Butanone-d5             | 7.088  | 46    | 11117    | 18.739   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 37.480%  |
| 24) Chloroform-d              | 7.648  | 84    | 94481    | 16.470   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 65.880%  |
| 26) 1,2-Dichloroethane-d4     | 8.477  | 65    | 86       | 0.030    | ug/L   | 0.17     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.120%#  |
| 32) Benzene-d6                | 8.276  | 84    | 180579   | 19.488   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 77.960%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 57651    | 21.348   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 85.400%  |
| 41) Toluene-d8                | 10.319 | 98    | 141041   | 16.362   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 65.440%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 12079    | 9.700    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 38.800%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 7819     | 21.530   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 43.060%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 34557    | 20.381   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 81.520%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 23410    | 16.840   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 67.360%# |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 15) Methyl Acetate            | 4.686  | 43    | 1124     | 1.198    | ug/L   | 91       |
| 22) 2-Butanone                | 7.155  | 43    | 3385     | 3.381    | ug/L # | 48       |
| 34) Trichloroethene           | 8.843  | 95    | 6758     | 2.679    | ug/L # | 4        |
| 48) 2-Hexanone                | 10.959 | 43    | 1415     | 1.407    | ug/L # | 63       |
| -----                         |        |       |          |          |        |          |

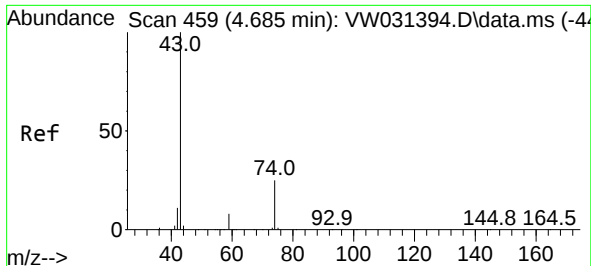
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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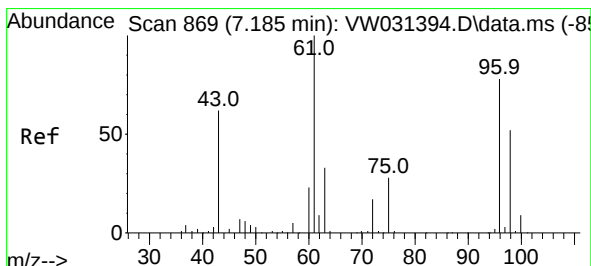
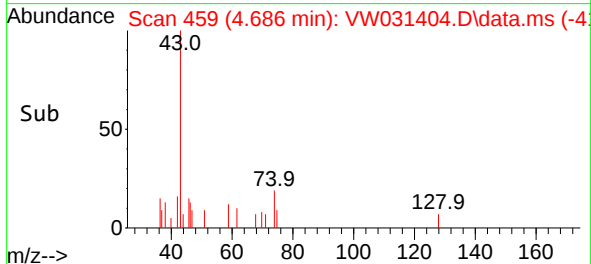
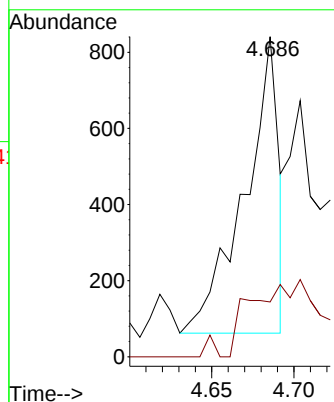
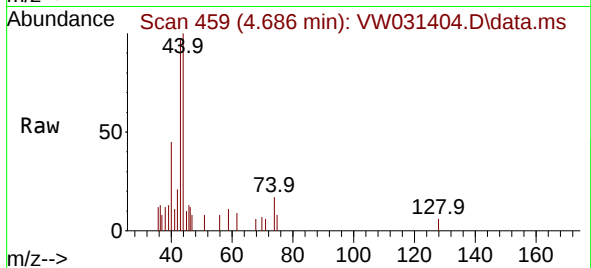




#15  
Methyl Acetate  
Concen: 1.198 ug/L  
RT: 4.686 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VW031404.D  
Acq: 20 Dec 2024 00:08

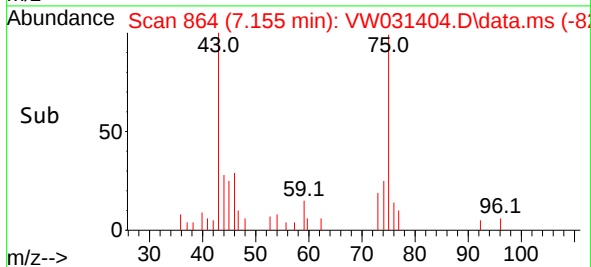
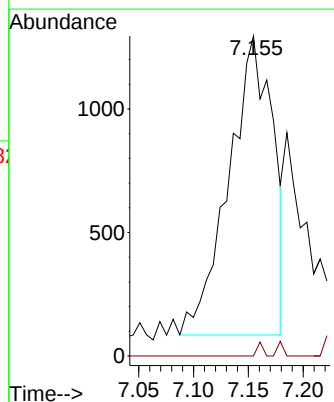
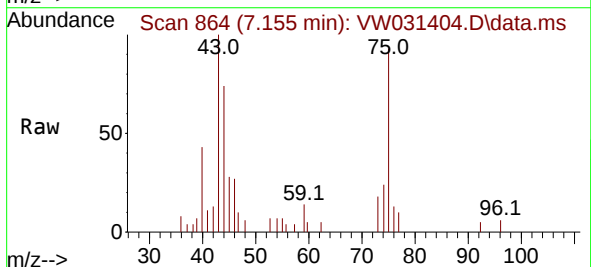
Instrument :  
MSVOA\_W  
ClientSampleId :

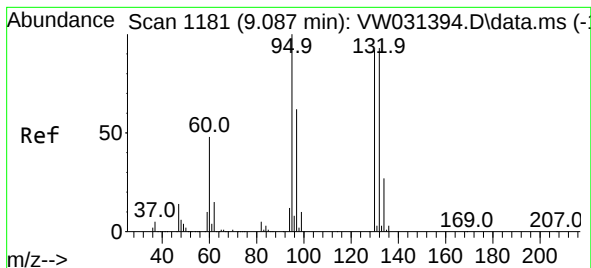
Tgt Ion: 43 Resp: 1124  
Ion Ratio Lower Upper  
43 100  
74 19.3 18.9 28.3



#22  
2-Butanone  
Concen: 3.381 ug/L  
RT: 7.155 min Scan# 864  
Delta R.T. -0.030 min  
Lab File: VW031404.D  
Acq: 20 Dec 2024 00:08

Tgt Ion: 43 Resp: 3385  
Ion Ratio Lower Upper  
43 100  
72 0.0 13.3 39.8#





#34

Trichloroethene

Concen: 2.679 ug/L

RT: 8.843 min Scan# 1141

Delta R.T. -0.243 min

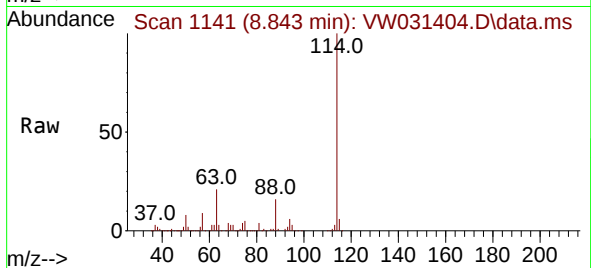
Lab File: VW031404.D

Acq: 20 Dec 2024 00:08

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion: 95 Resp: 6758

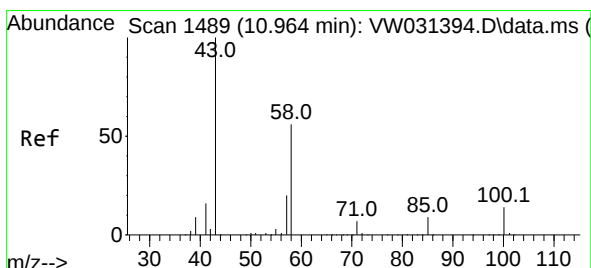
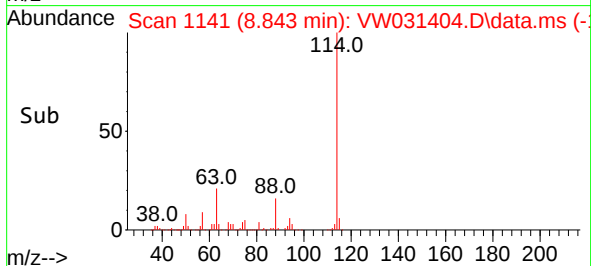
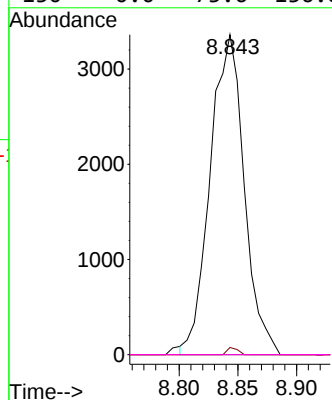
Ion Ratio Lower Upper

95 100

97 2.3 46.5 86.3#

132 0.0 70.3 130.5#

130 0.0 73.6 136.8#



#48

2-Hexanone

Concen: 1.407 ug/L

RT: 10.959 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VW031404.D

Acq: 20 Dec 2024 00:08

Tgt Ion: 43 Resp: 1415

Ion Ratio Lower Upper

43 100

58 20.4 43.0 64.6#

57 13.3 15.7 23.5#

100 0.0 10.3 15.5#

