

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121124\  
 Data File : VW031223.D  
 Acq On : 11 Dec 2024 18:50  
 Operator : SY/MD  
 Sample : P5155-14  
 Misc : 5.13g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 12 03:06:57 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120424SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Dec 12 03:01:22 2024  
 Response via : Initial Calibration

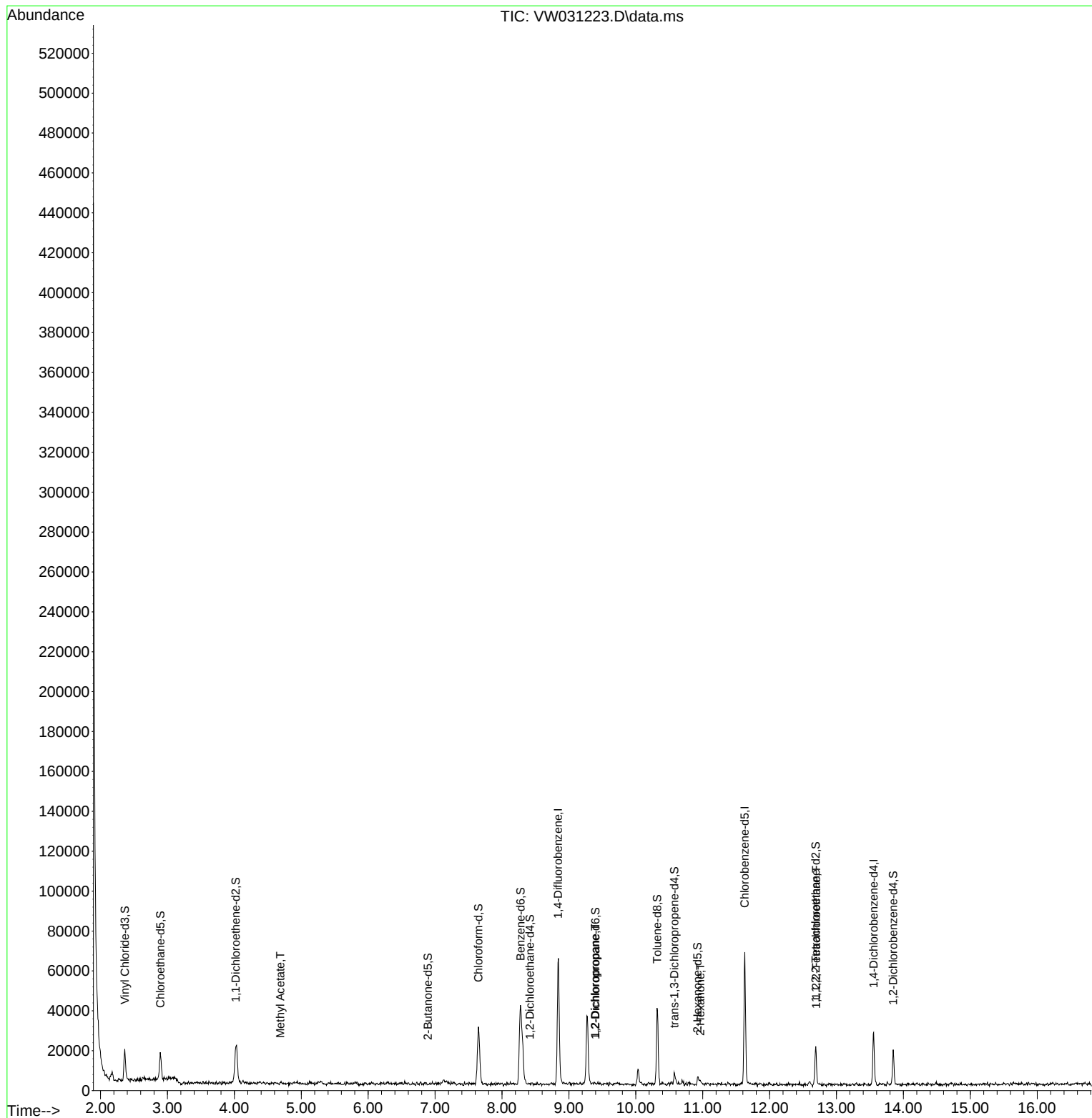
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 45914    | 25.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 30411    | 25.000   | ug/L   | # 0.00   |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 6037     | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 15944    | 22.565   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 90.280%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 13321    | 24.300   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 97.200%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 6631     | 20.570   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 82.280%  |
| 21) 2-Butanone-d5             | 6.892  | 46    | 165      | 1.335    | ug/L   | -0.20    |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 2.680%#  |
| 24) Chloroform-d              | 7.648  | 84    | 28109    | 20.903   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 83.600%  |
| 26) 1,2-Dichloroethane-d4     | 8.416  | 65    | 73       | 0.110    | ug/L   | 0.12     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.440%#  |
| 32) Benzene-d6                | 8.276  | 84    | 38895    | 20.809   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 83.240%  |
| 36) 1,2-Dichloropropane-d6    | 9.398  | 67    | 102      | 0.186    | ug/L   | 0.13     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 0.760%#  |
| 41) Toluene-d8                | 10.319 | 98    | 23514    | 13.940   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 55.760%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 2725     | 12.362   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 49.440%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 886      | 13.812   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 27.620%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 9497     | 25.702   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 102.800% |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 3548     | 16.546   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 66.200%# |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 15) Methyl Acetate            | 4.685  | 43    | 95       | 0.407    | ug/L   | # 49     |
| 37) 1,2-Dichloropropane       | 9.392  | 63    | 228      | 0.446    | ug/L   | # 85     |
| 48) 2-Hexanone                | 10.965 | 43    | 310      | 1.496    | ug/L   | # 36     |
| 57) 1,1,2,2-Tetrachloroethane | 12.696 | 83    | 192      | 0.504    | ug/L   | # 10     |
| -----                         |        |       |          |          |        |          |

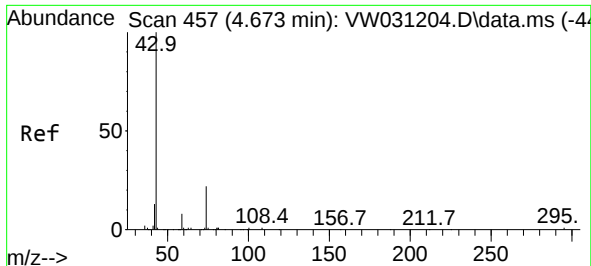
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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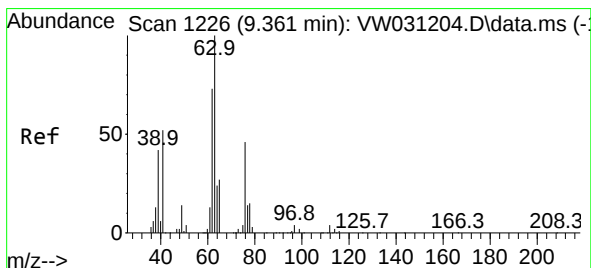
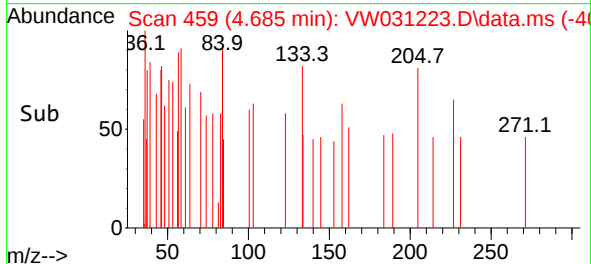
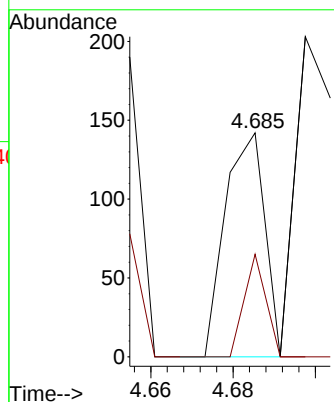
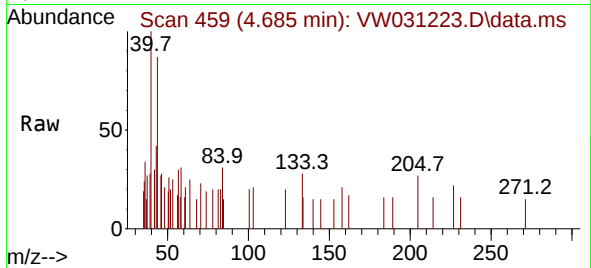




#15  
Methyl Acetate  
Concen: 0.407 ug/L  
RT: 4.685 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VW031223.D  
Acq: 11 Dec 2024 18:50

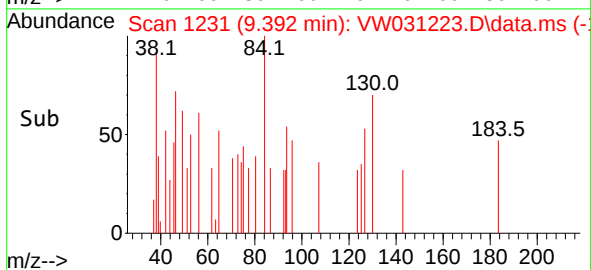
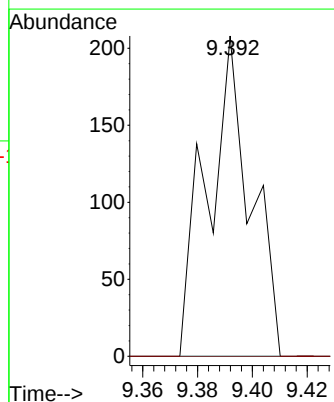
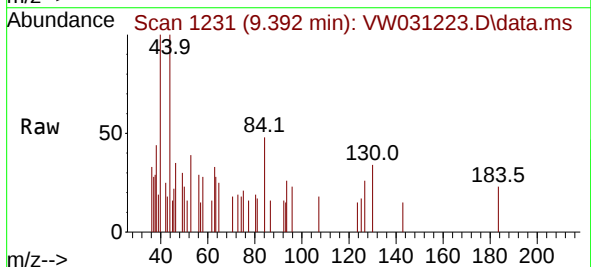
Instrument :  
MSVOA\_W  
ClientSampleId :

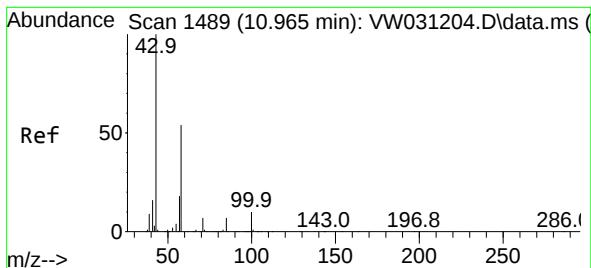
Tgt Ion: 43 Resp: 95  
Ion Ratio Lower Upper  
43 100  
74 0.0 20.8 31.2#



#37  
1,2-Dichloropropane  
Concen: 0.446 ug/L  
RT: 9.392 min Scan# 1231  
Delta R.T. 0.030 min  
Lab File: VW031223.D  
Acq: 11 Dec 2024 18:50

Tgt Ion: 63 Resp: 228  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.9 5.9#





#48

2-Hexanone

Concen: 1.496 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

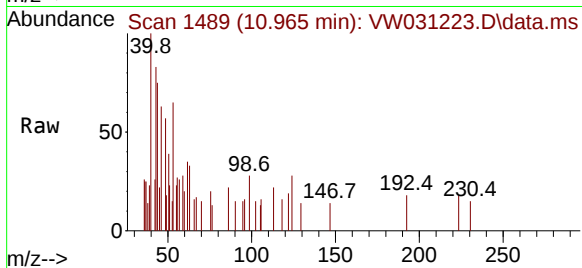
Lab File: VW031223.D

Acq: 11 Dec 2024 18:50

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion: 43 Resp: 310

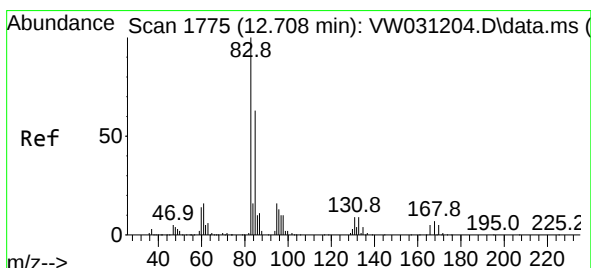
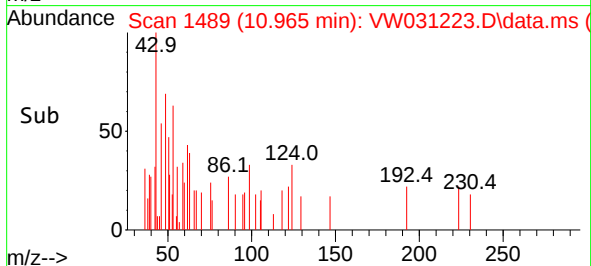
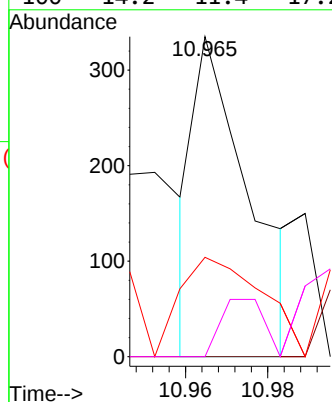
Ion Ratio Lower Upper

43 100

58 0.0 49.8 74.6#

57 46.8 16.6 24.8#

100 14.2 11.4 17.2



#57

1,1,2,2-Tetrachloroethane

Concen: 0.504 ug/L

RT: 12.696 min Scan# 1773

Delta R.T. -0.012 min

Lab File: VW031223.D

Acq: 11 Dec 2024 18:50

Tgt Ion: 83 Resp: 192

Ion Ratio Lower Upper

83 100

85 0.0 48.3 89.7#

131 56.7 8.9 13.3#

