

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072222\  
 Data File : VW024021.D  
 Acq On : 22 Jul 2022 22:10  
 Operator : SY/VA  
 Sample : N3741-07RE  
 Misc : 5.13g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 23 04:41:45 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jul 23 03:31:10 2022  
 Response via : Initial Calibration

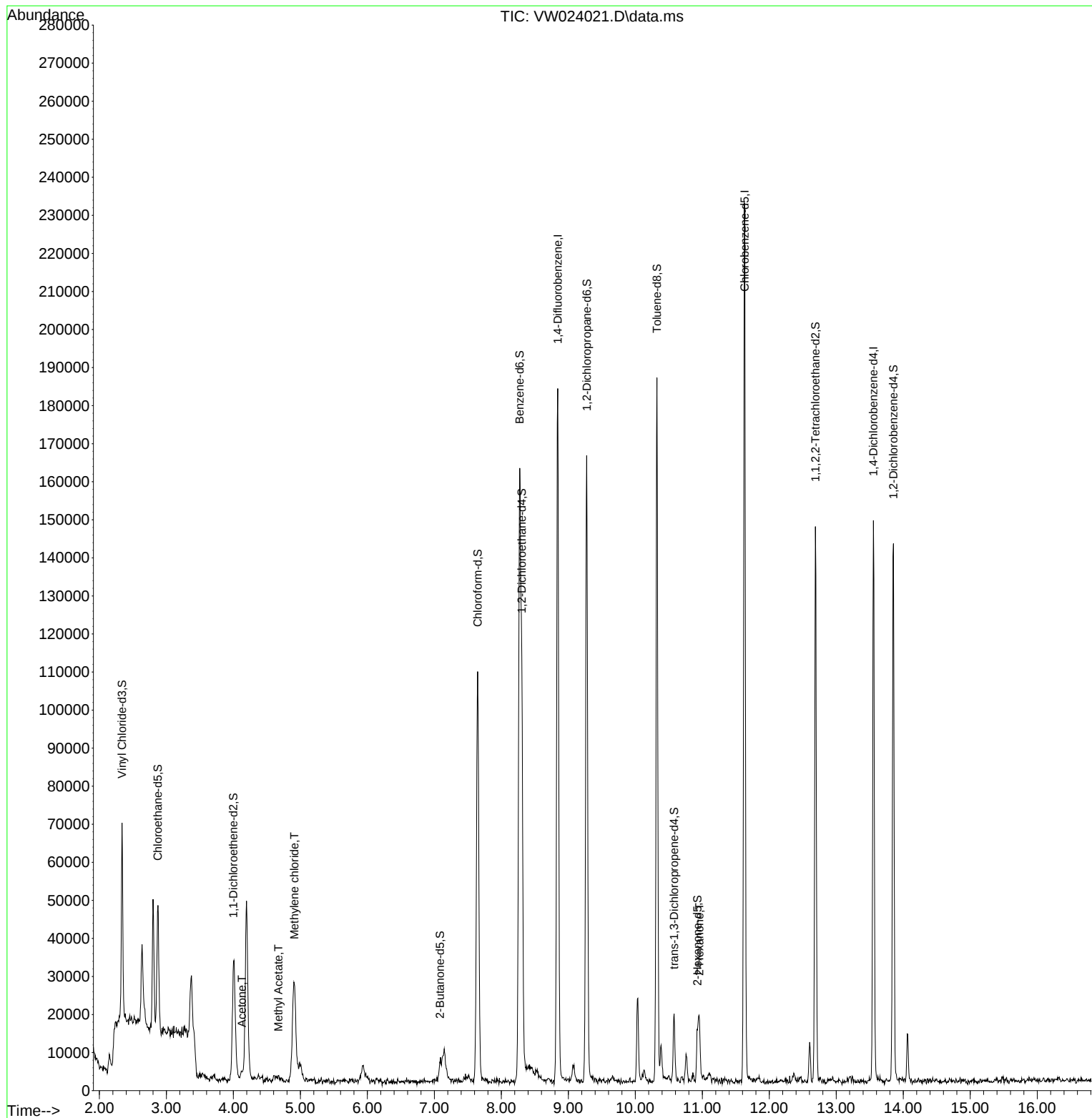
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 144781   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 123433   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 35490    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.337  | 65    | 45432    | 12.286   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 49.160%   |
| 7) Chloroethane-d5            | 2.873  | 69    | 37866    | 15.350   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 61.400%   |
| 11) 1,1-Dichloroethene-d2     | 4.001  | 63    | 28768    | 9.554    | ug/L   | -0.01     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 38.200%#  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 6922     | 12.068   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 24.140%   |
| 24) Chloroform-d              | 7.647  | 84    | 104367   | 24.759   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 99.040%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 79563    | 30.861   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 123.440%  |
| 32) Benzene-d6                | 8.275  | 84    | 152715   | 23.801   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 95.200%   |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 69775    | 36.101   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 144.400%# |
| 41) Toluene-d8                | 10.323 | 98    | 114200   | 17.547   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 70.200%   |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 9229     | 10.187   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 40.760%   |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 3655     | 8.993    | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 17.980%#  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 67345    | 31.530   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 126.120%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 35460    | 27.989   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 111.960%  |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 13) Acetone                   | 4.129  | 43    | 3491     | 8.609    | ug/L   | 95        |
| 15) Methyl Acetate            | 4.672  | 43    | 1565     | 1.724    | ug/L   | 99        |
| 16) Methylene chloride        | 4.909  | 84    | 18809    | 8.308    | ug/L   | 97        |
| 48) 2-Hexanone                | 10.957 | 43    | 9332     | 10.474   | ug/L # | 45        |
| -----                         |        |       |          |          |        |           |

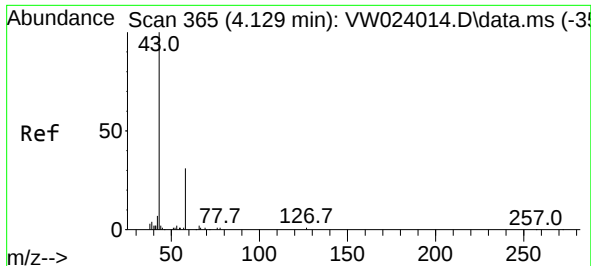
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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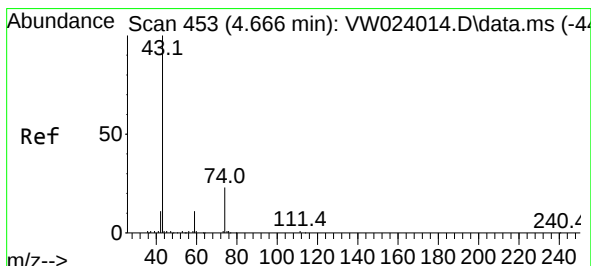
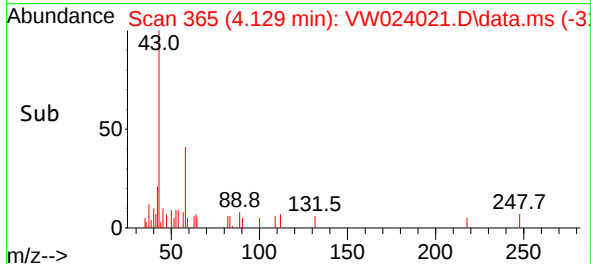
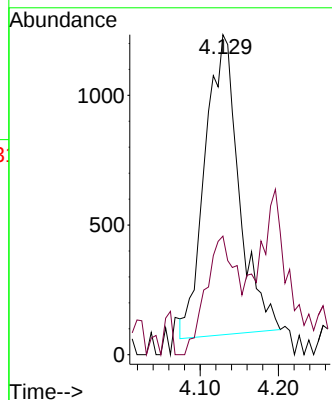
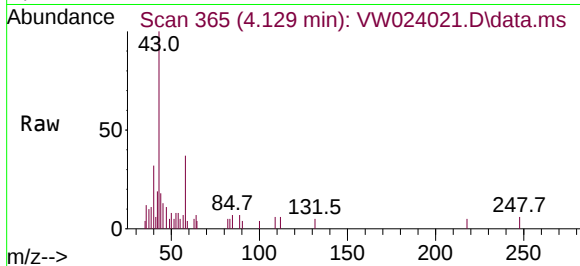




#13  
Acetone  
Concen: 8.609 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. -0.000 min  
Lab File: VW024021.D  
Acq: 22 Jul 2022 22:10

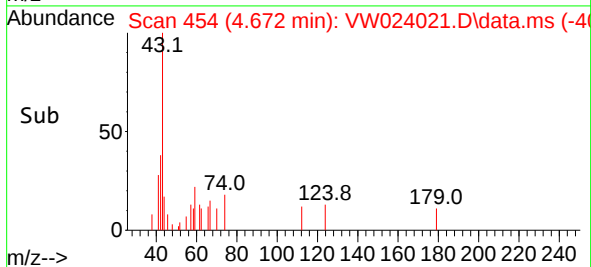
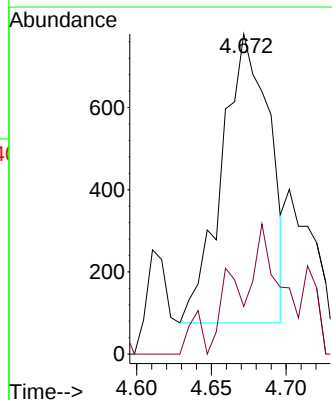
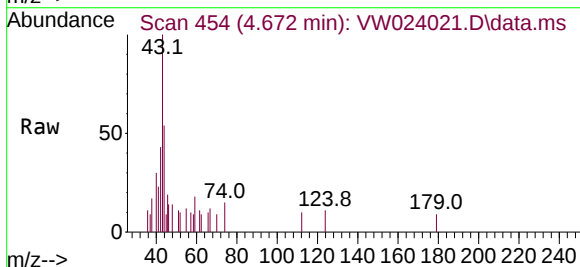
Instrument :  
MSVOA\_W  
ClientSampleId :

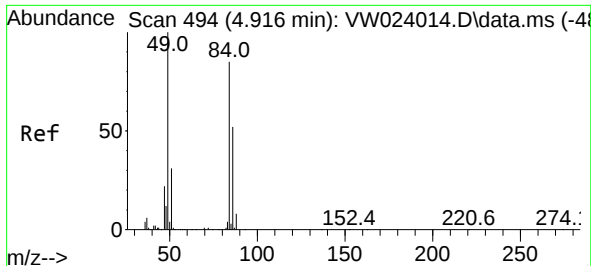
Tgt Ion: 43 Resp: 3491  
Ion Ratio Lower Upper  
43 100  
58 29.0 0.0 64.2



#15  
Methyl Acetate  
Concen: 1.724 ug/L  
RT: 4.672 min Scan# 454  
Delta R.T. 0.006 min  
Lab File: VW024021.D  
Acq: 22 Jul 2022 22:10

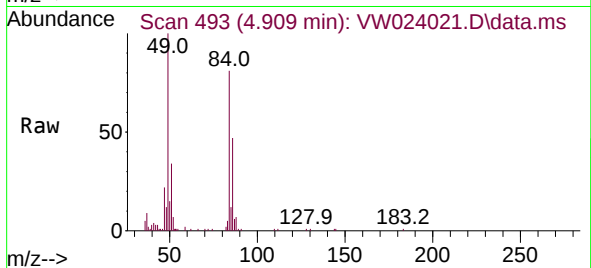
Tgt Ion: 43 Resp: 1565  
Ion Ratio Lower Upper  
43 100  
74 25.7 20.0 30.0



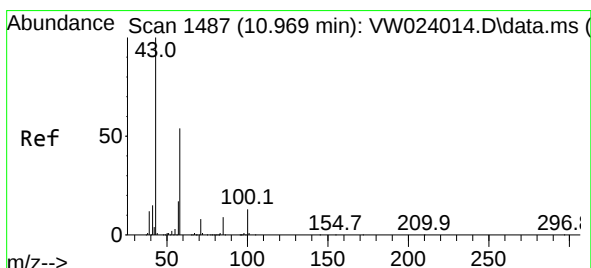
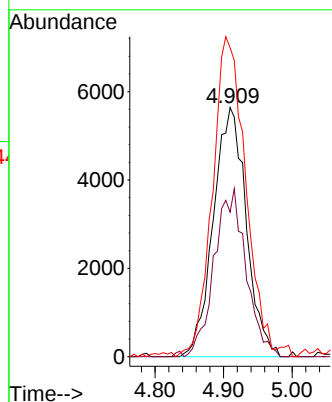
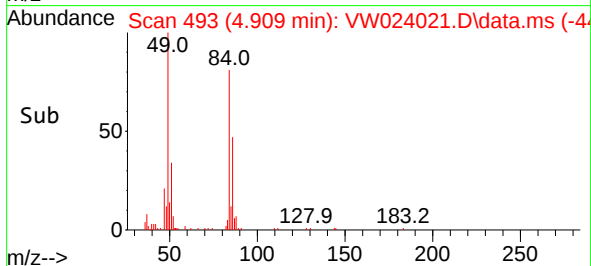


#16  
Methylene chloride  
Concen: 8.308 ug/L  
RT: 4.909 min Scan# 493  
Delta R.T. -0.006 min  
Lab File: VW024021.D  
Acq: 22 Jul 2022 22:10

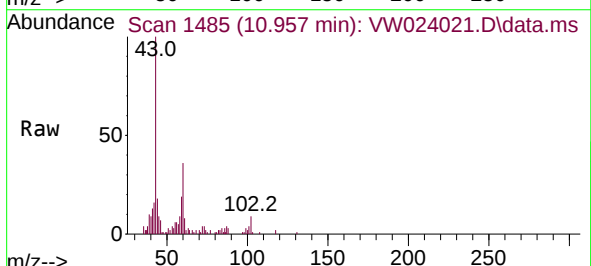
Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion: 84 Resp: 18809  
Ion Ratio Lower Upper  
84 100  
86 58.0 42.8 79.6  
49 124.0 85.4 158.6



#48  
2-Hexanone  
Concen: 10.474 ug/L  
RT: 10.957 min Scan# 1485  
Delta R.T. -0.012 min  
Lab File: VW024021.D  
Acq: 22 Jul 2022 22:10



Tgt Ion: 43 Resp: 9332  
Ion Ratio Lower Upper  
43 100  
58 3.9 41.6 62.4#  
57 3.2 14.6 21.8#  
100 1.0 10.6 15.8#

