

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042822\  
 Data File : VW022664.D  
 Acq On : 28 Apr 2022 14:38  
 Operator : SY/VA  
 Sample : N2562-22RE  
 Misc : 7.35g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW481RE

Quant Time: Apr 29 01:10:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040722SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Apr 29 01:08:57 2022  
 Response via : Initial Calibration

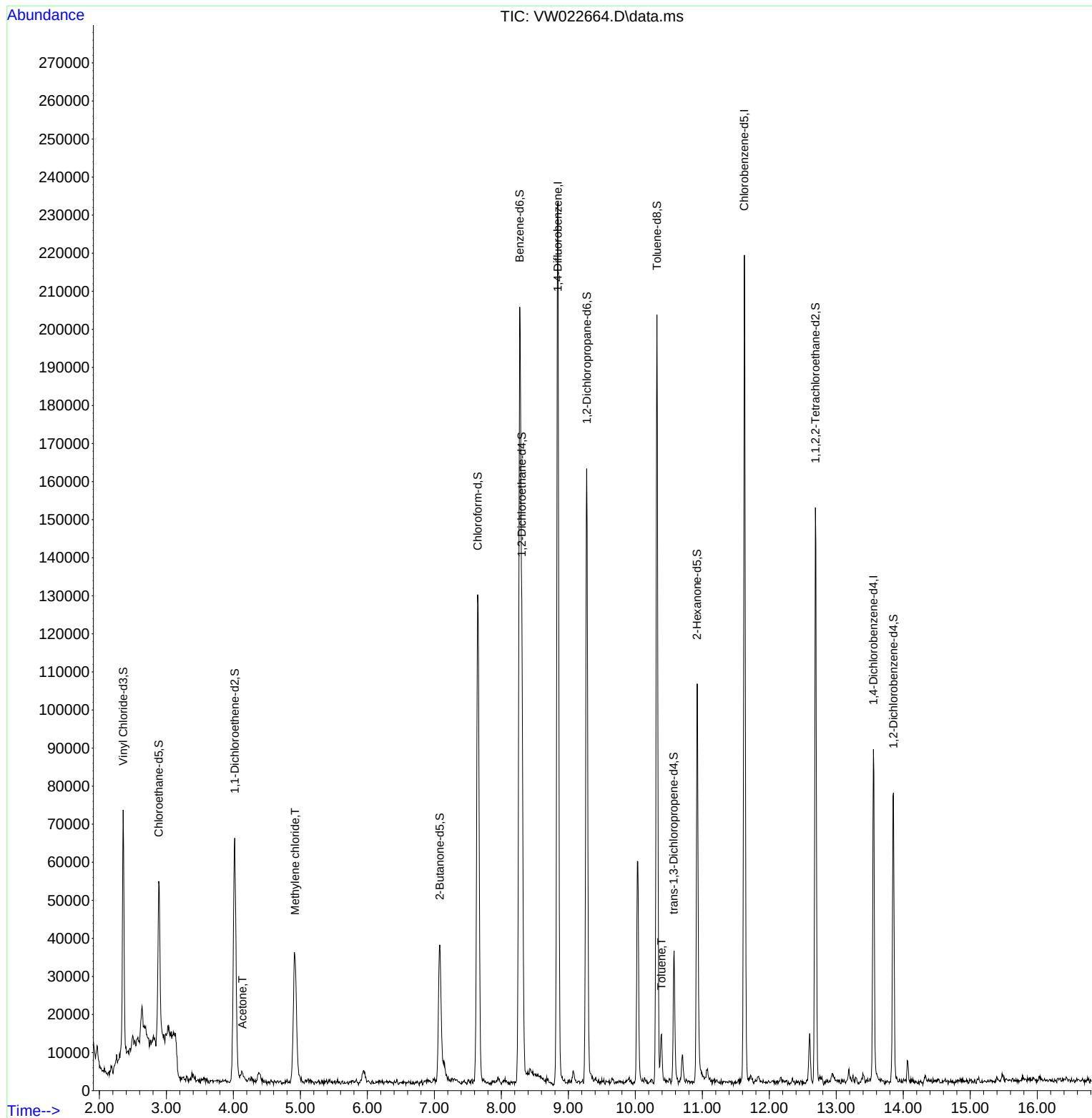
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 191384   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 115826   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 20898    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 54899    | 12.976   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 51.920%   |
| 7) Chloroethane-d5            | 2.885  | 69    | 48693    | 18.364   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 73.440%   |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 59260    | 10.799   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 43.200%#  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 60924    | 82.479   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 164.960%# |
| 24) Chloroform-d              | 7.647  | 84    | 131313   | 21.951   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 87.800%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 78785    | 23.051   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 92.200%   |
| 32) Benzene-d6                | 8.275  | 84    | 202347   | 28.594   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 114.360%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 70028    | 34.196   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 136.800%# |
| 41) Toluene-d8                | 10.323 | 98    | 131166   | 18.925   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 75.720%   |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79    | 17787    | 18.404   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 73.600%   |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 35671    | 93.622   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 187.240%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 69677    | 40.015   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 160.080%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 19559    | 26.424   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 105.680%  |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.135  | 43    | 3745     | 7.446    | ug/L   | 98        |
| 16) Methylene chloride        | 4.922  | 84    | 26850    | 9.324    | ug/L   | 88        |
| 42) Toluene                   | 10.390 | 91    | 8786     | 0.975    | ug/L   | 99        |
| -----                         |        |       |          |          |        |           |

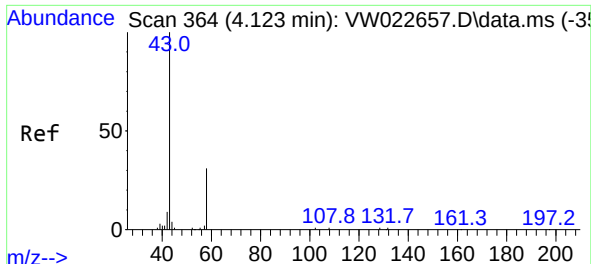
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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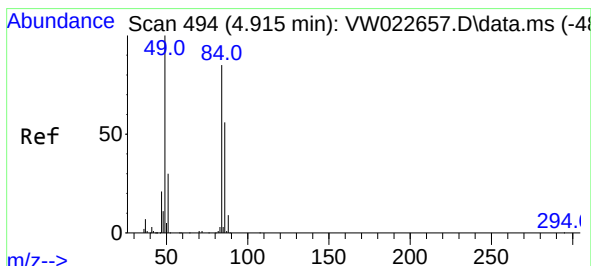
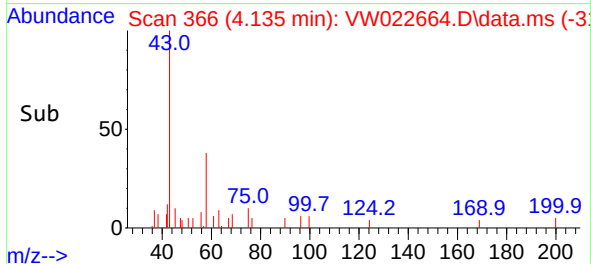
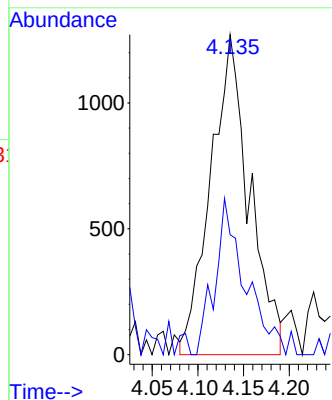
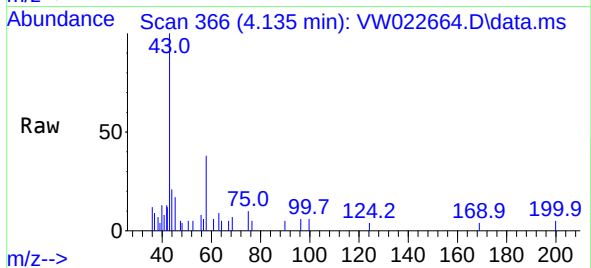




#13  
Acetone  
Concen: 7.446 ug/L  
RT: 4.135 min Scan# 30  
Delta R.T. 0.012 min  
Lab File: VW022664.D  
Acq: 28 Apr 2022 14:38

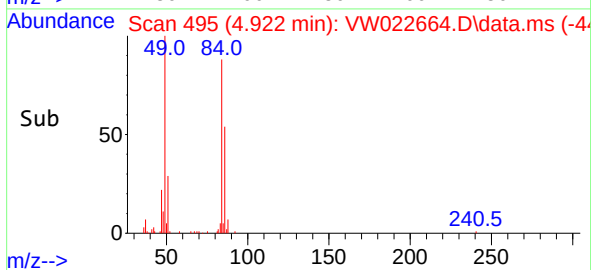
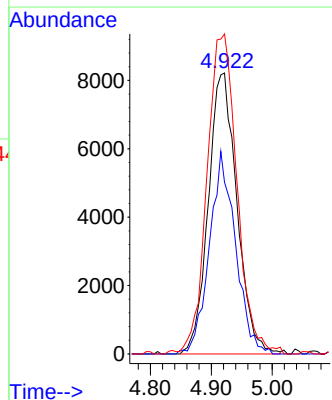
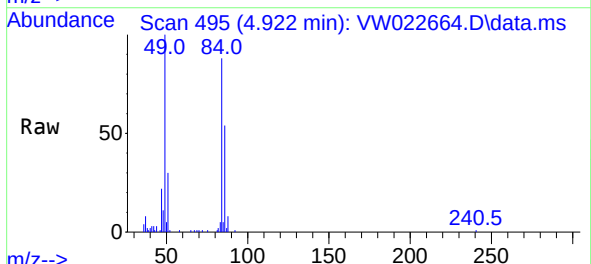
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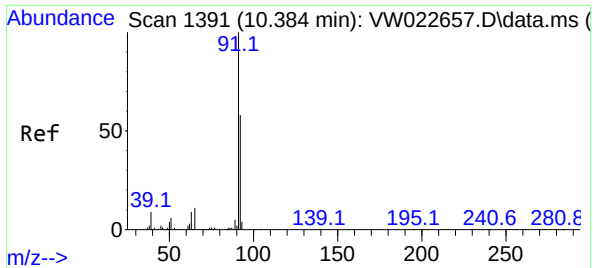
Tgt Ion: 43 Resp: 3745  
Ion Ratio Lower Upper  
43 100  
58 29.6 0.0 57.0



#16  
Methylene chloride  
Concen: 9.324 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.006 min  
Lab File: VW022664.D  
Acq: 28 Apr 2022 14:38

Tgt Ion: 84 Resp: 26850  
Ion Ratio Lower Upper  
84 100  
86 61.1 42.8 79.4  
49 113.9 94.2 175.0





#42  
Toluene  
Concen: 0.975 ug/L  
RT: 10.390 min Scan# 11  
Delta R.T. 0.006 min  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 8786  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 55.0  | 38.0  | 70.6  |

