

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100722\  
 Data File : VW024789.D  
 Acq On : 07 Oct 2022 16:28  
 Operator : SY/VA  
 Sample : N5024-08  
 Misc : 6.94g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0BJ7

Quant Time: Oct 07 23:19:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Oct 07 03:04:02 2022  
 Response via : Initial Calibration

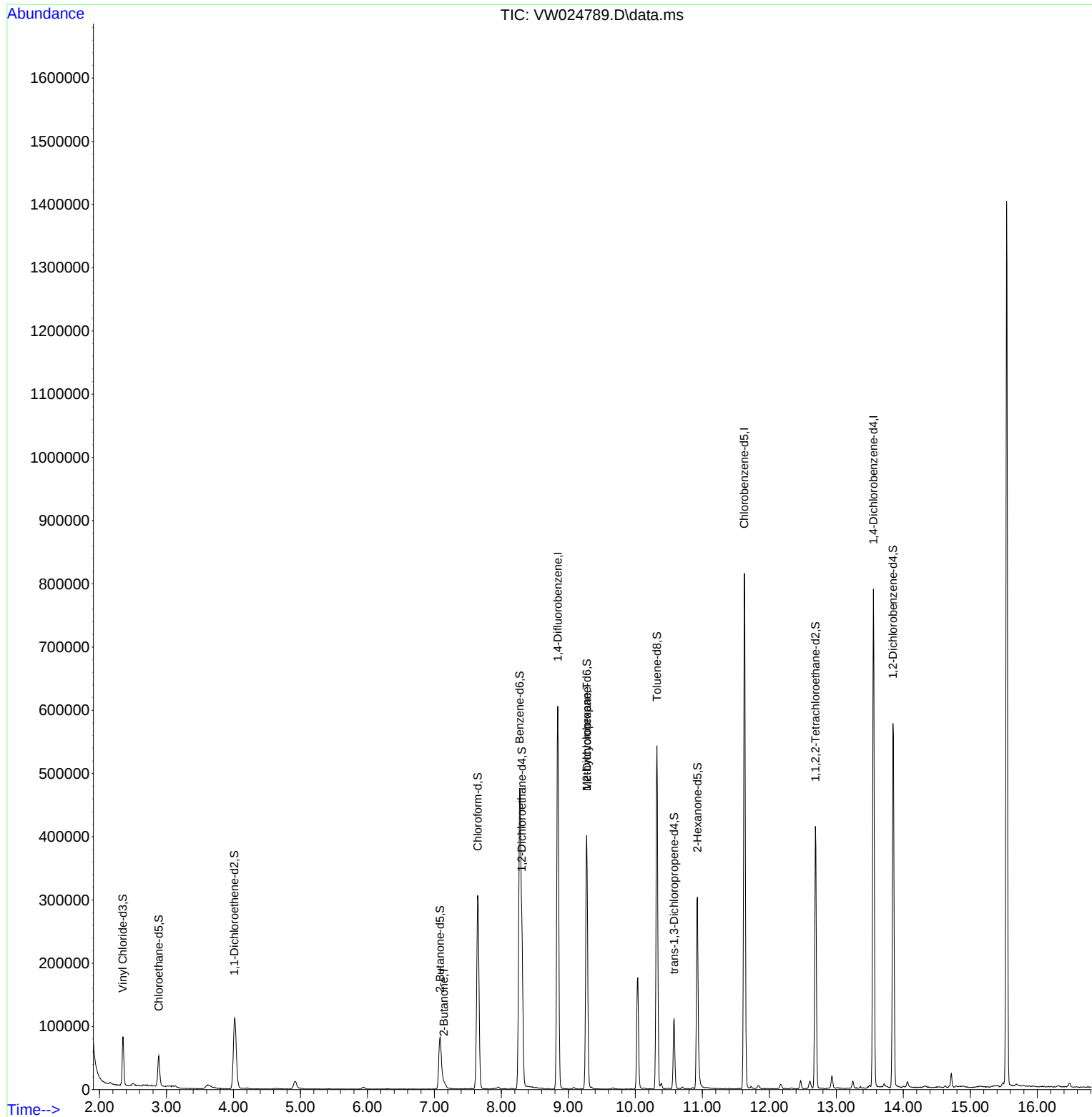
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 498719   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.627 | 117   | 442599   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 185309   | 25.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 76357    | 14.634   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 58.520%   |
| 7) Chloroethane-d5            | 2.885  | 69    | 52301    | 17.249   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 69.000%   |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 113013   | 9.358    | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 37.440%#  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 144326   | 76.934   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 153.860%# |
| 24) Chloroform-d              | 7.646  | 84    | 311851   | 23.390   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 93.560%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 177056   | 25.600   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 102.400%  |
| 32) Benzene-d6                | 8.274  | 84    | 488064   | 17.253   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 69.000%   |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 196174   | 22.696   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 90.800%   |
| 41) Toluene-d8                | 10.323 | 98    | 361896   | 14.313   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 57.240%   |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 62849    | 16.328   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 65.320%   |
| 47) 2-Hexanone-d5             | 10.926 | 63    | 108554   | 73.404   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 146.800%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 213803   | 34.716   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 138.880%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.847 | 152   | 146019   | 22.393   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 89.560%   |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 22) 2-Butanone                | 7.140  | 43    | 7281     | 3.326    | ug/L # | 47        |
| 35) Methylcyclohexane         | 9.274  | 83    | 46475    | 3.229    | ug/L # | 18        |
| -----                         |        |       |          |          |        |           |

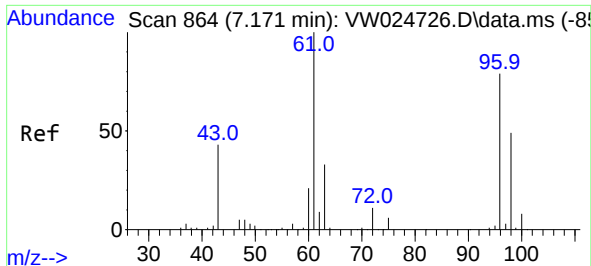
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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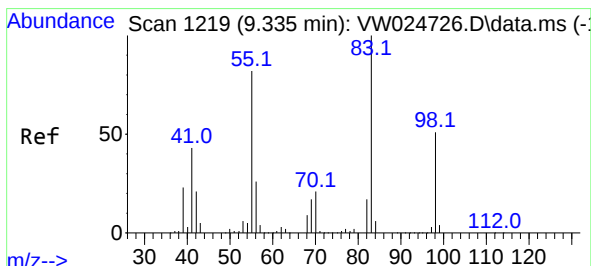
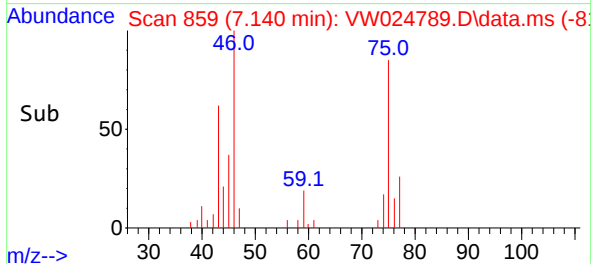
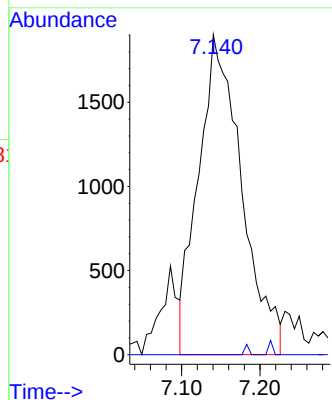
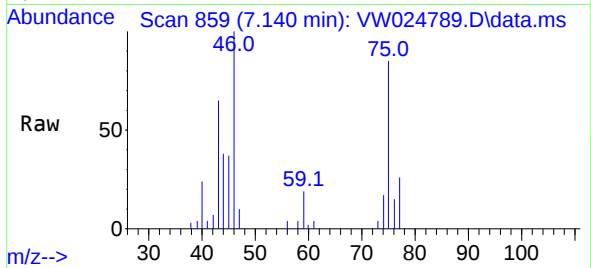




#22  
2-Butanone  
Concen: 3.326 ug/L  
RT: 7.140 min Scan# 81  
Delta R.T. -0.031 min  
Lab File: VW024789.D  
Acq: 07 Oct 2022 16:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0BJ7

Tgt Ion: 43 Resp: 7281  
Ion Ratio Lower Upper  
43 100  
72 0.0 13.8 41.3#



#35  
Methylcyclohexane  
Concen: 3.229 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.061 min  
Lab File: VW024789.D  
Acq: 07 Oct 2022 16:28

Tgt Ion: 83 Resp: 46475  
Ion Ratio Lower Upper  
83 100  
55 0.4 63.1 94.7#  
98 1.6 38.3 57.5#

