

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071922\  
 Data File : VW023897.D  
 Acq On : 19 Jul 2022 21:17  
 Operator : SY/VA  
 Sample : N3743-01  
 Misc : 5.96g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5C87

Quant Time: Jul 20 03:00:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 20 02:42:08 2022  
 Response via : Initial Calibration

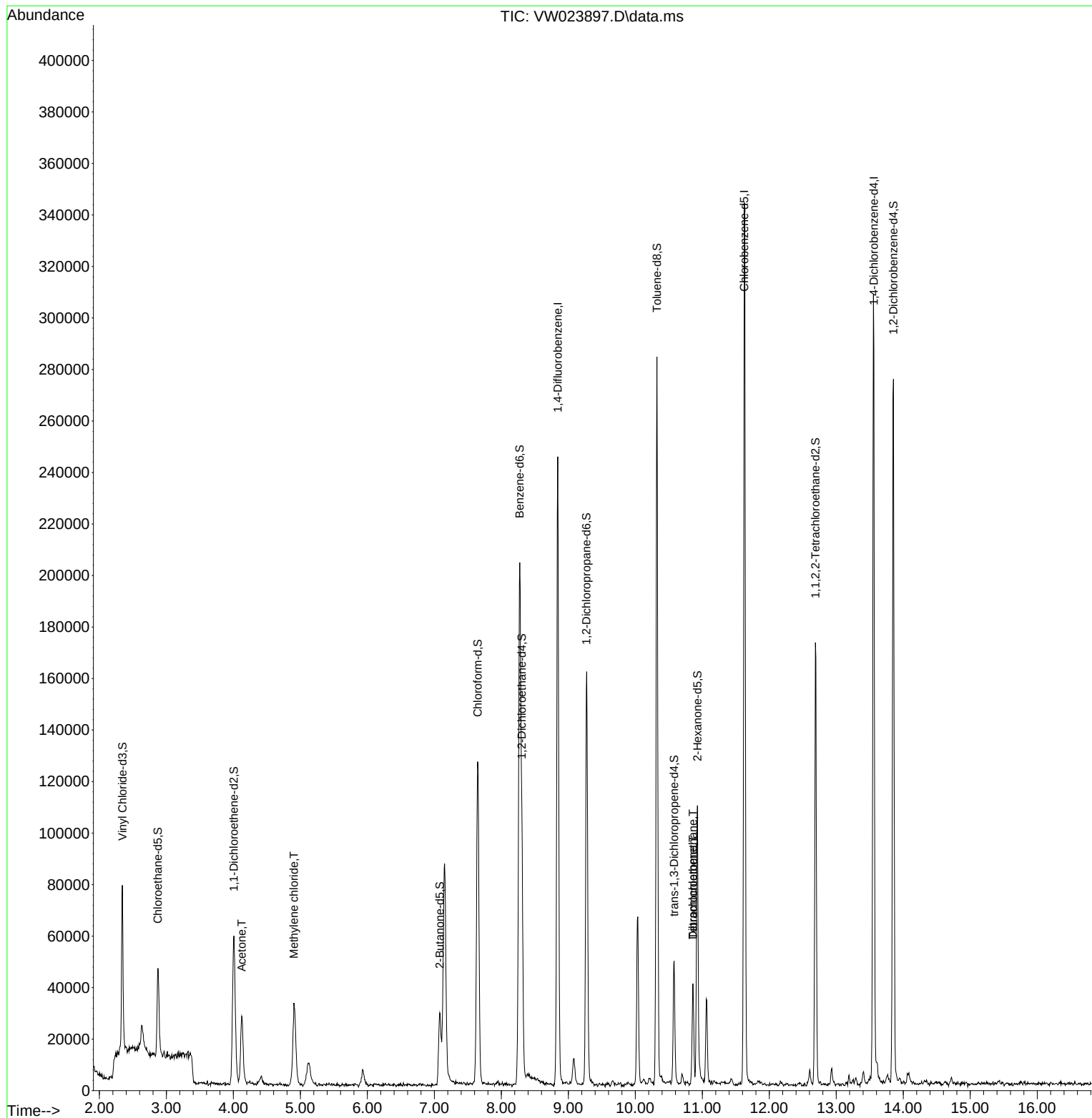
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 193720   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 186204   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 76819    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 58531    | 11.830   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 47.320%  |
| 7) Chloroethane-d5            | 2.873  | 69    | 37214    | 11.274   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 45.080%  |
| 11) 1,1-Dichloroethene-d2     | 4.007  | 63    | 54233    | 13.461   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 53.840%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 44614    | 58.133   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 116.260% |
| 24) Chloroform-d              | 7.647  | 84    | 125021   | 22.166   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 88.680%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 71157    | 20.628   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 82.520%  |
| 32) Benzene-d6                | 8.275  | 84    | 204769   | 21.155   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 84.600%  |
| 36) 1,2-Dichloropropane-d6    | 9.268  | 67    | 70014    | 24.013   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 96.040%  |
| 41) Toluene-d8                | 10.323 | 98    | 177834   | 18.113   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 72.440%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 25398    | 18.584   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 74.320%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 33268    | 54.262   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 108.520% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 80713    | 25.050   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 100.200% |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 66976    | 24.424   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 97.680%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.123  | 43    | 43846    | 80.808   | ug/L   | 99       |
| 16) Methylene chloride        | 4.903  | 84    | 24099    | 7.956    | ug/L   | 89       |
| 46) Tetrachloroethene         | 10.860 | 164   | 7397     | 3.424    | ug/L   | 92       |
| 49) Dibromochloromethane      | 10.860 | 129   | 7021     | 2.610    | ug/L # | 11       |
| -----                         |        |       |          |          |        |          |

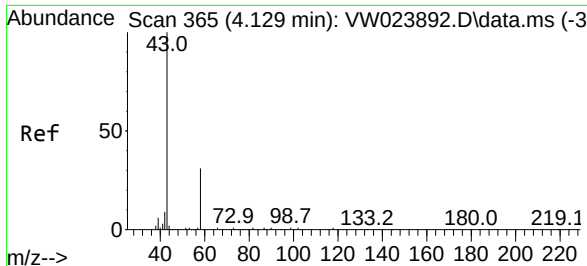
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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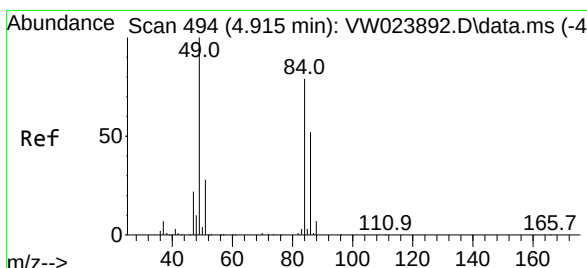
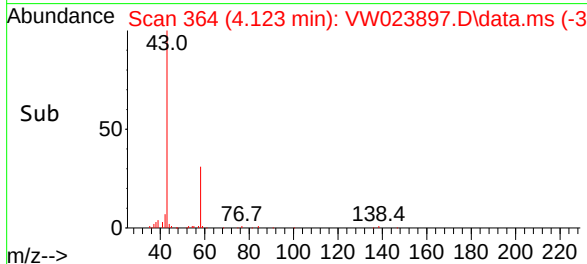
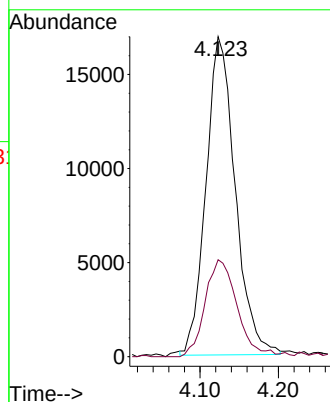
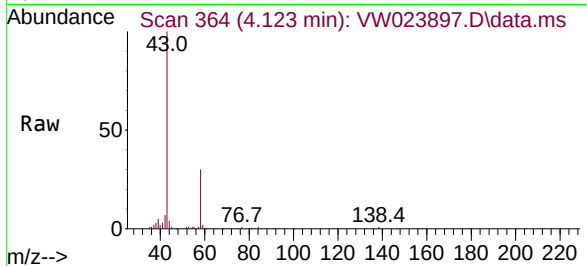




#13  
Acetone  
Concen: 80.808 ug/L  
RT: 4.123 min Scan# 364  
Delta R.T. -0.006 min  
Lab File: VW023897.D  
Acq: 19 Jul 2022 21:17

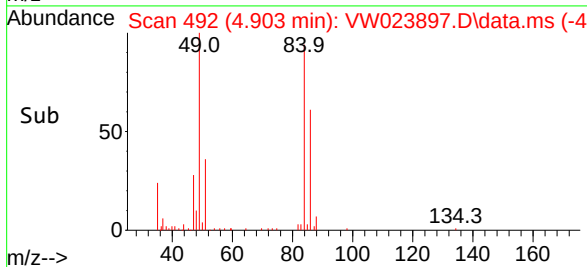
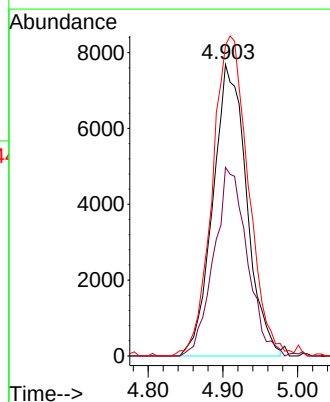
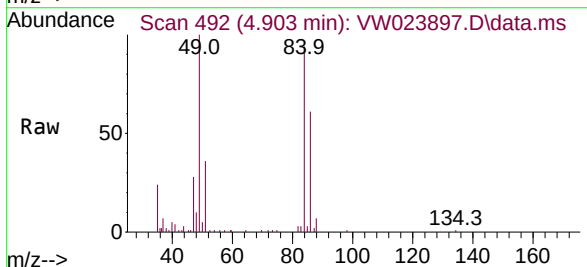
Instrument :  
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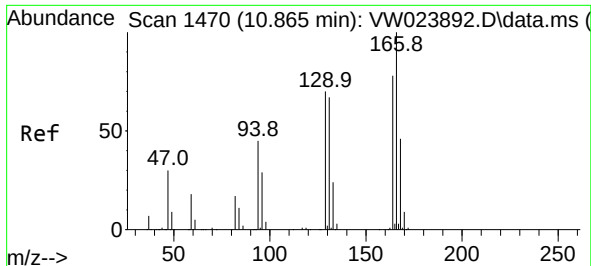
Tgt Ion: 43 Resp: 43846  
Ion Ratio Lower Upper  
43 100  
58 32.7 0.0 64.2



#16  
Methylene chloride  
Concen: 7.956 ug/L  
RT: 4.903 min Scan# 492  
Delta R.T. -0.012 min  
Lab File: VW023897.D  
Acq: 19 Jul 2022 21:17

Tgt Ion: 84 Resp: 24099  
Ion Ratio Lower Upper  
84 100  
86 64.7 42.8 79.6  
49 106.6 85.4 158.6

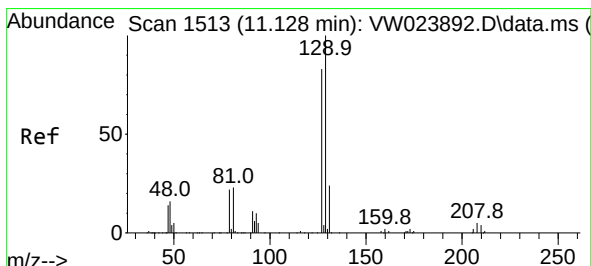
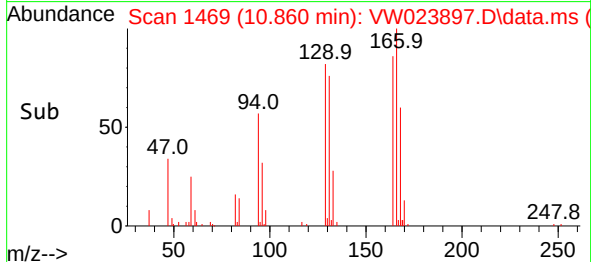
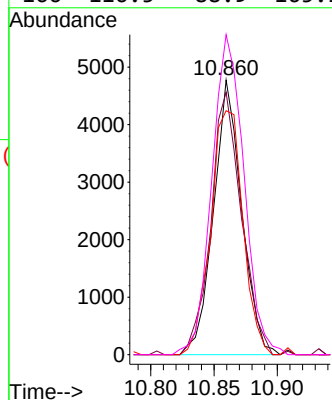
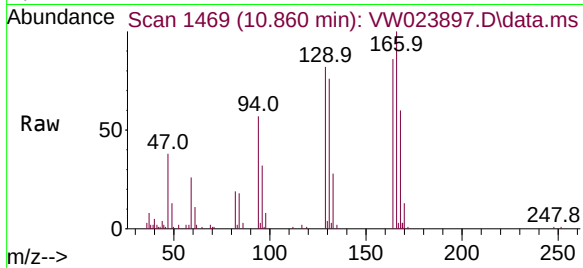




#46  
Tetrachloroethene  
Concen: 3.424 ug/L  
RT: 10.860 min Scan# 1469  
Delta R.T. -0.006 min  
Lab File: VW023897.D  
Acq: 19 Jul 2022 21:17

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 7397  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 95.5  | 72.4  | 134.5 |
| 131      | 88.9  | 67.8  | 125.8 |
| 166      | 116.5 | 88.9  | 165.1 |



#49  
Dibromochloromethane  
Concen: 2.610 ug/L  
RT: 10.860 min Scan# 1469  
Delta R.T. -0.268 min  
Lab File: VW023897.D  
Acq: 19 Jul 2022 21:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 7021  |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 0.0   | 53.7  | 99.7# |

