

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072122\  
 Data File : VW023979.D  
 Acq On : 21 Jul 2022 13:59  
 Operator : SY/VA  
 Sample : N3722-10RE  
 Misc : 6.19g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 22 01:31:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 22 01:28:21 2022  
 Response via : Initial Calibration

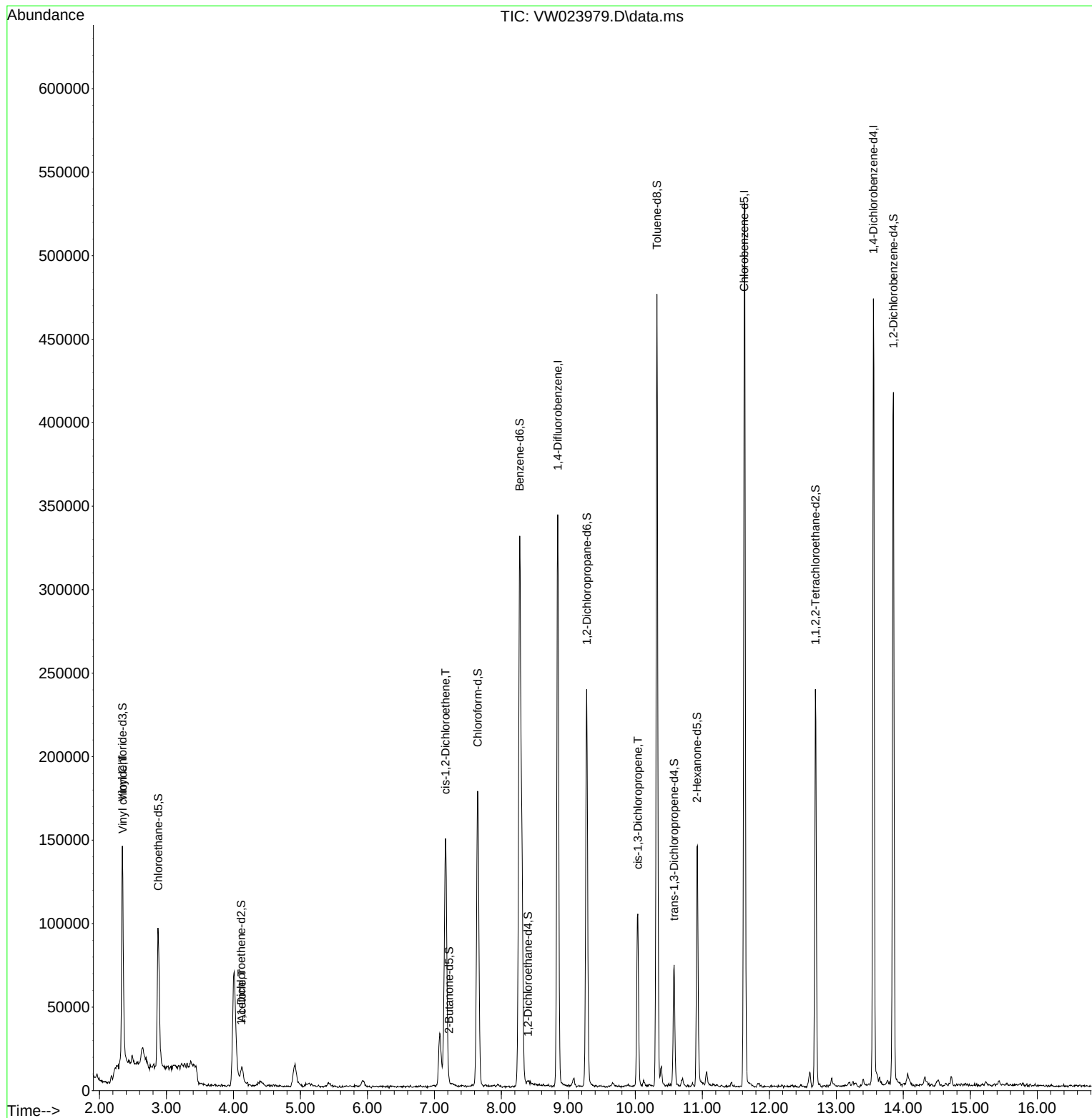
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 267864   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 286796   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 111805   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 124716   | 18.229   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 72.920%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 101668   | 22.276   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 89.120%  |
| 11) 1,1-Dichloroethene-d2     | 4.117  | 63    | 805      | 0.144    | ug/L   | 0.11     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 0.560%#  |
| 21) 2-Butanone-d5             | 7.220  | 46    | 163      | 0.154    | ug/L   | 0.14     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 0.300%#  |
| 24) Chloroform-d              | 7.647  | 84    | 174366   | 22.358   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 89.440%  |
| 26) 1,2-Dichloroethane-d4     | 8.396  | 65    | 172      | 0.036    | ug/L   | 0.09     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.160%#  |
| 32) Benzene-d6                | 8.274  | 84    | 314762   | 21.113   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 84.440%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 101596   | 22.623   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 90.480%  |
| 41) Toluene-d8                | 10.323 | 98    | 291377   | 19.268   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 77.080%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 39454    | 18.743   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 74.960%  |
| 47) 2-Hexanone-d5             | 10.920 | 63    | 45519    | 48.203   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 96.400%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 110429   | 22.251   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 89.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 104771   | 26.250   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 105.000% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 2.349  | 62    | 12907    | 1.686    | ug/L # | 75       |
| 13) Acetone                   | 4.123  | 43    | 16083    | 21.436   | ug/L   | 67       |
| 20) cis-1,2-Dichloroethene    | 7.165  | 96    | 78780    | 20.641   | ug/L # | 100      |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 3523     | 0.572    | ug/L   | 83       |
| -----                         |        |       |          |          |        |          |

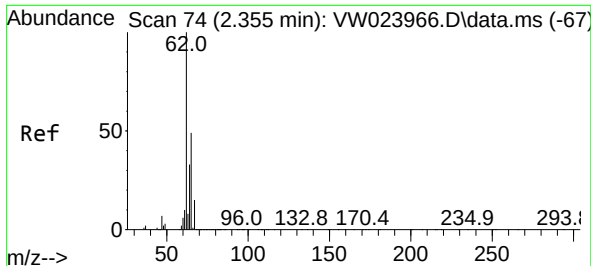
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
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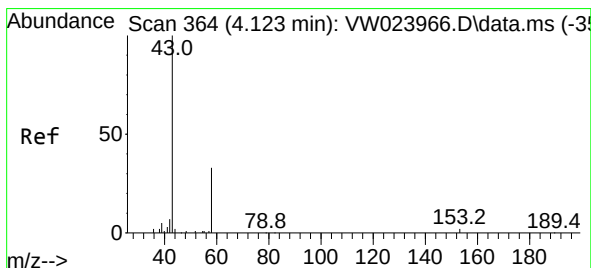
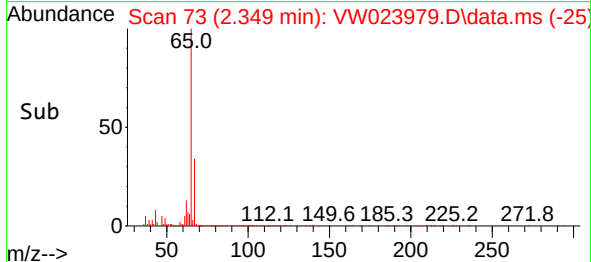
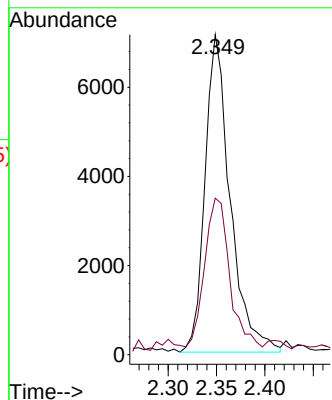
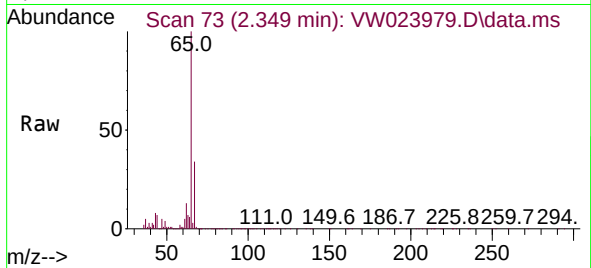




#5  
 Vinyl chloride  
 Concen: 1.686 ug/L  
 RT: 2.349 min Scan# 74  
 Delta R.T. -0.006 min  
 Lab File: VW023979.D  
 Acq: 21 Jul 2022 13:59

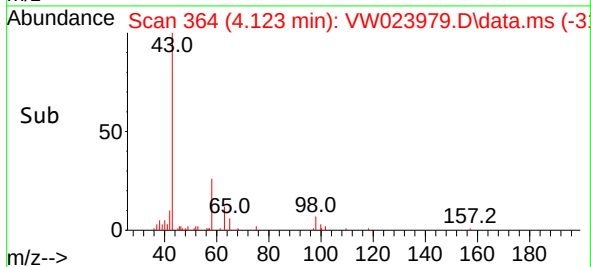
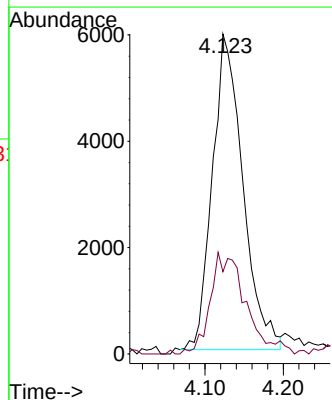
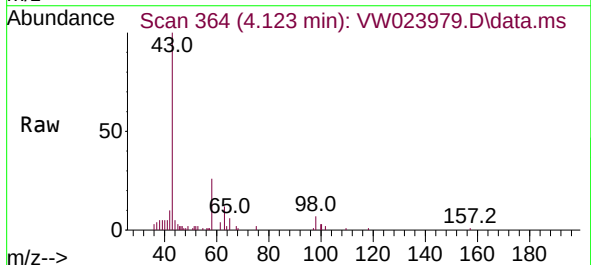
Instrument :  
 MSVOA\_W  
 ClientSampleId :

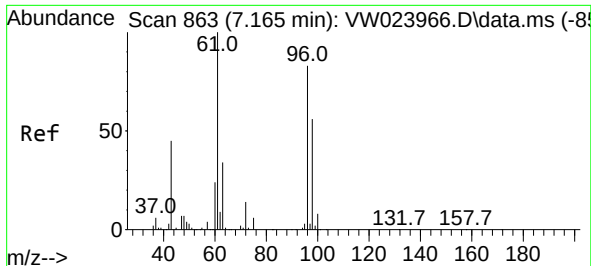
Tgt Ion: 62 Resp: 12907  
 Ion Ratio Lower Upper  
 62 100  
 64 48.9 24.0 44.6#



#13  
 Acetone  
 Concen: 21.436 ug/L  
 RT: 4.123 min Scan# 364  
 Delta R.T. -0.000 min  
 Lab File: VW023979.D  
 Acq: 21 Jul 2022 13:59

Tgt Ion: 43 Resp: 16083  
 Ion Ratio Lower Upper  
 43 100  
 58 13.6 0.0 64.2

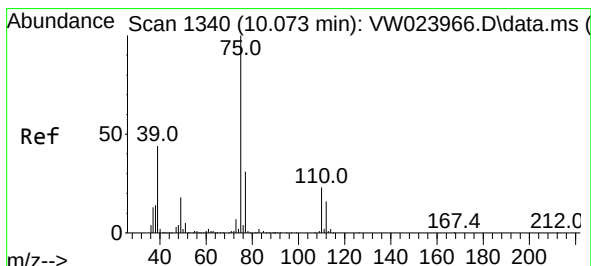
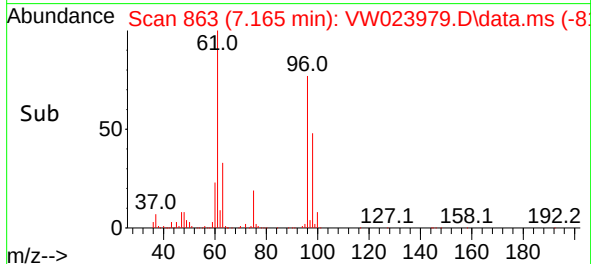
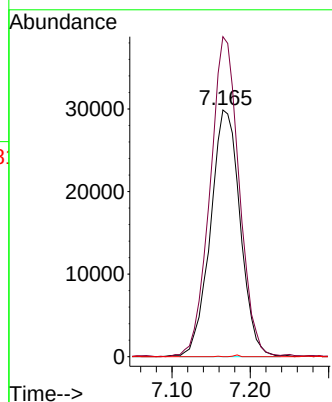
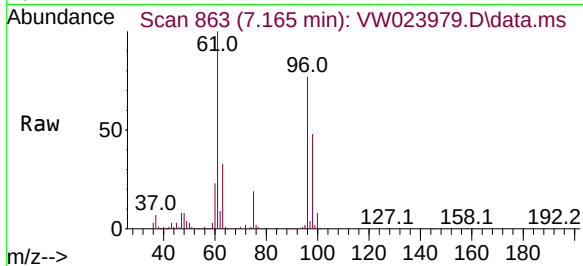




#20  
 cis-1,2-Dichloroethene  
 Concen: 20.641 ug/L  
 RT: 7.165 min Scan# 863  
 Delta R.T. -0.000 min  
 Lab File: VW023979.D  
 Acq: 21 Jul 2022 13:59

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Tgt Ion: 96 Resp: 78780  
 Ion Ratio Lower Upper  
 96 100  
 61 129.7 90.6 168.2  
 68 0.0 0.2 0.4#



#39  
 cis-1,3-Dichloropropene  
 Concen: 0.572 ug/L  
 RT: 10.036 min Scan# 1334  
 Delta R.T. -0.037 min  
 Lab File: VW023979.D  
 Acq: 21 Jul 2022 13:59

Tgt Ion: 75 Resp: 3523  
 Ion Ratio Lower Upper  
 75 100  
 77 41.7 22.5 41.9

