

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071422\  
 Data File : VW023714.D  
 Acq On : 14 Jul 2022 20:55  
 Operator : SY/VA  
 Sample : N3700-03  
 Misc : 5.72g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5C10

Quant Time: Jul 15 03:46:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 15 03:40:01 2022  
 Response via : Initial Calibration

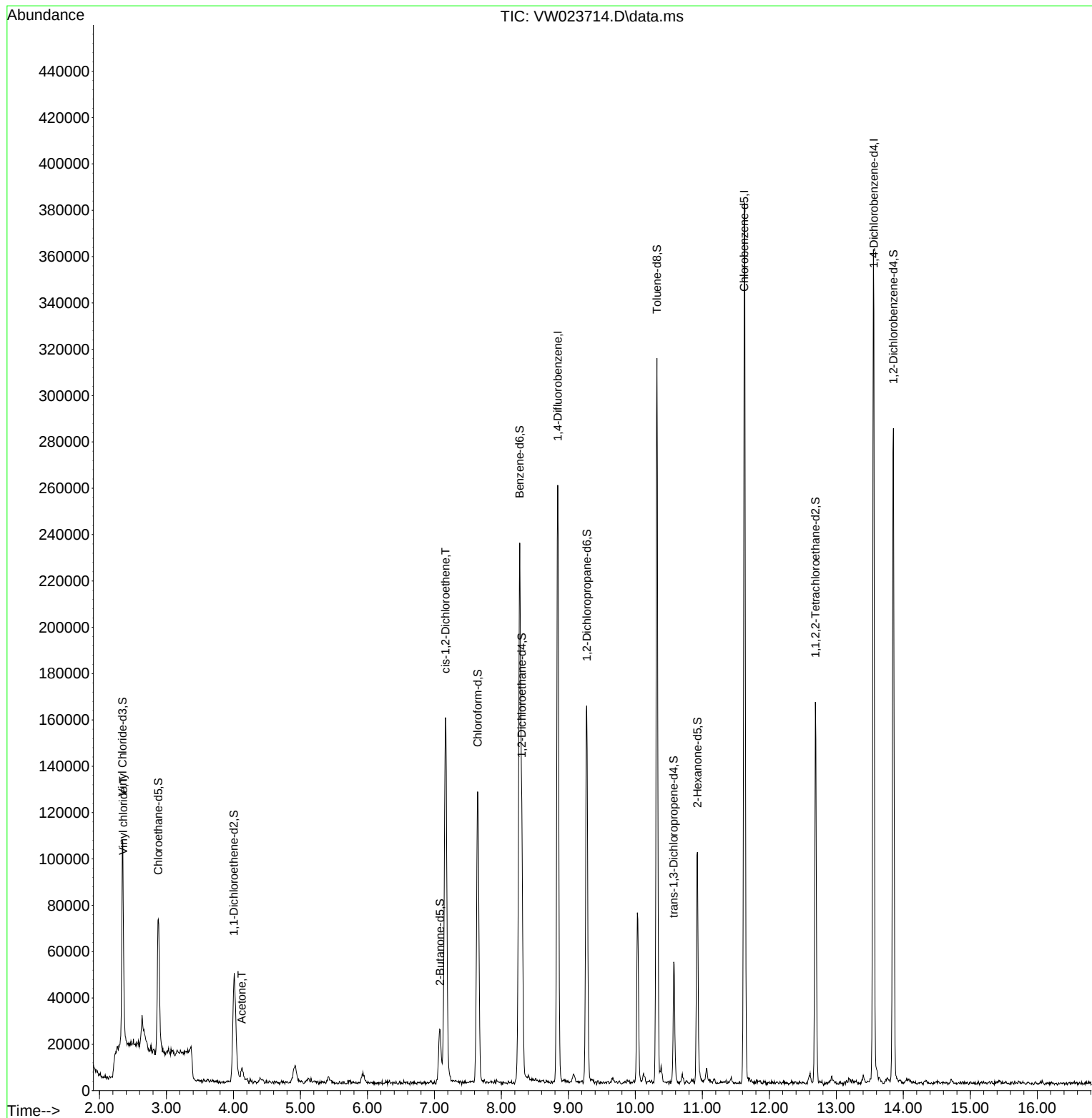
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 199074   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 191422   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 82424    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 91549    | 18.005   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 72.040%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 68973    | 20.334   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 81.320%  |
| 11) 1,1-Dichloroethene-d2     | 4.007  | 63    | 48840    | 11.796   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 47.200%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 38280    | 48.538   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 97.080%  |
| 24) Chloroform-d              | 7.647  | 84    | 118938   | 20.521   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 82.080%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 74188    | 20.928   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 83.720%  |
| 32) Benzene-d6                | 8.275  | 84    | 211669   | 21.272   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 85.080%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 67878    | 22.646   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 90.600%  |
| 41) Toluene-d8                | 10.323 | 98    | 191388   | 18.962   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 75.840%  |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79    | 25558    | 18.191   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 72.760%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 29391    | 46.632   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 93.260%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 71109    | 21.467   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 85.880%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 62480    | 21.235   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 84.920%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 5) Vinyl chloride             | 2.355  | 62    | 7656     | 1.346    | ug/L # | 60       |
| 13) Acetone                   | 4.123  | 43    | 8763     | 15.716   | ug/L   | 96       |
| 20) cis-1,2-Dichloroethene    | 7.165  | 96    | 85658    | 30.198   | ug/L # | 93       |
| -----                         |        |       |          |          |        |          |

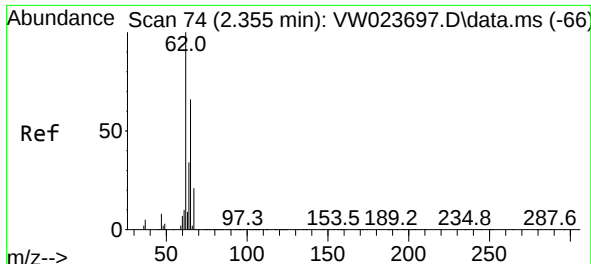
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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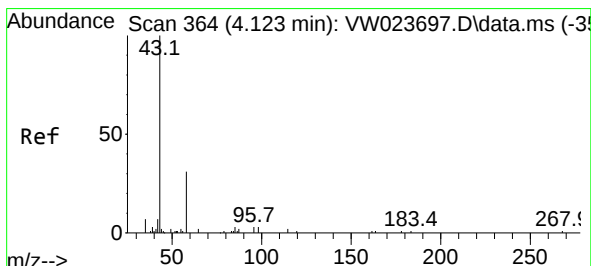
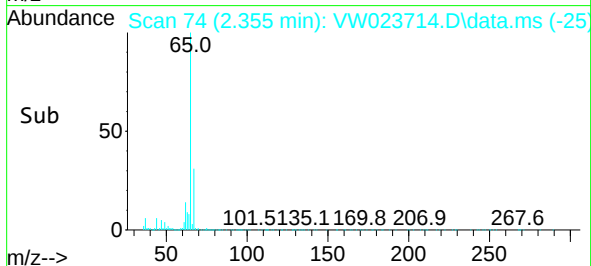
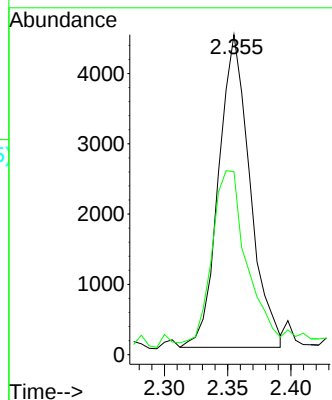
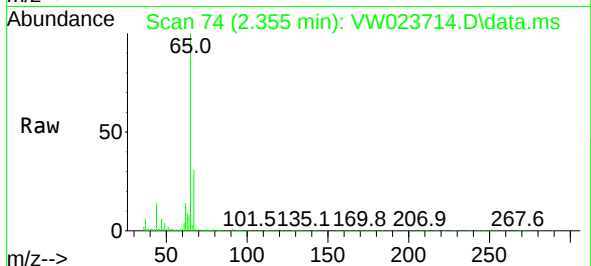




#5  
 Vinyl chloride  
 Concen: 1.346 ug/L  
 RT: 2.355 min Scan# 74  
 Delta R.T. -0.000 min  
 Lab File: VW023714.D  
 Acq: 14 Jul 2022 20:55

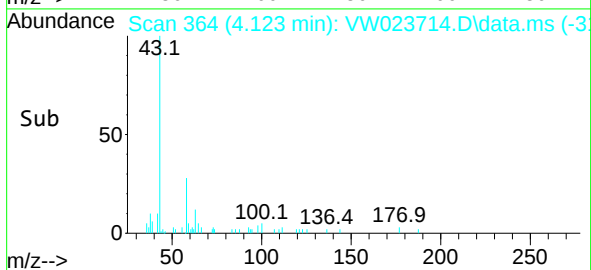
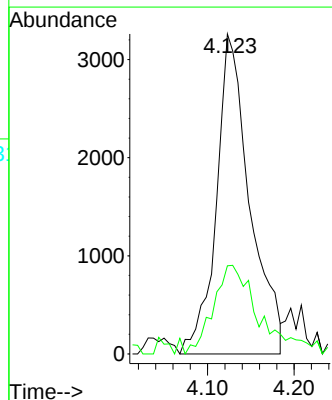
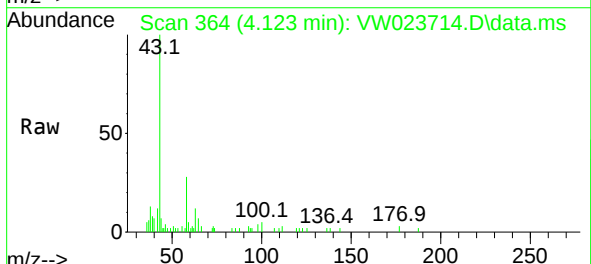
Instrument :  
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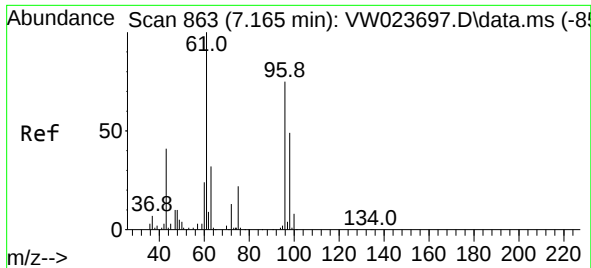
Tgt Ion: 62 Resp: 7656  
 Ion Ratio Lower Upper  
 62 100  
 64 57.2 24.0 44.6#



#13  
 Acetone  
 Concen: 15.716 ug/L  
 RT: 4.123 min Scan# 364  
 Delta R.T. -0.000 min  
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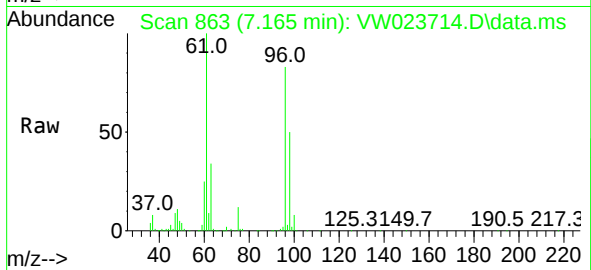
Tgt Ion: 43 Resp: 8763  
 Ion Ratio Lower Upper  
 43 100  
 58 29.9 0.0 64.2





#20  
 cis-1,2-Dichloroethene  
 Concen: 30.198 ug/L  
 RT: 7.165 min Scan# 80  
 Delta R.T. -0.000 min  
 Lab File: VW023714.D  
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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5C10



Tgt Ion: 96 Resp: 85658  
 Ion Ratio Lower Upper  
 96 100  
 61 120.8 90.6 168.2  
 68 0.2 0.2 0.4#

