

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071322\  
 Data File : VW023678.D  
 Acq On : 14 Jul 2022 05:08  
 Operator : SY/VA  
 Sample : N3679-12  
 Misc : 5.95g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B52

Quant Time: Jul 14 06:07:10 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Jul 14 04:56:40 2022  
 Response via : Initial Calibration

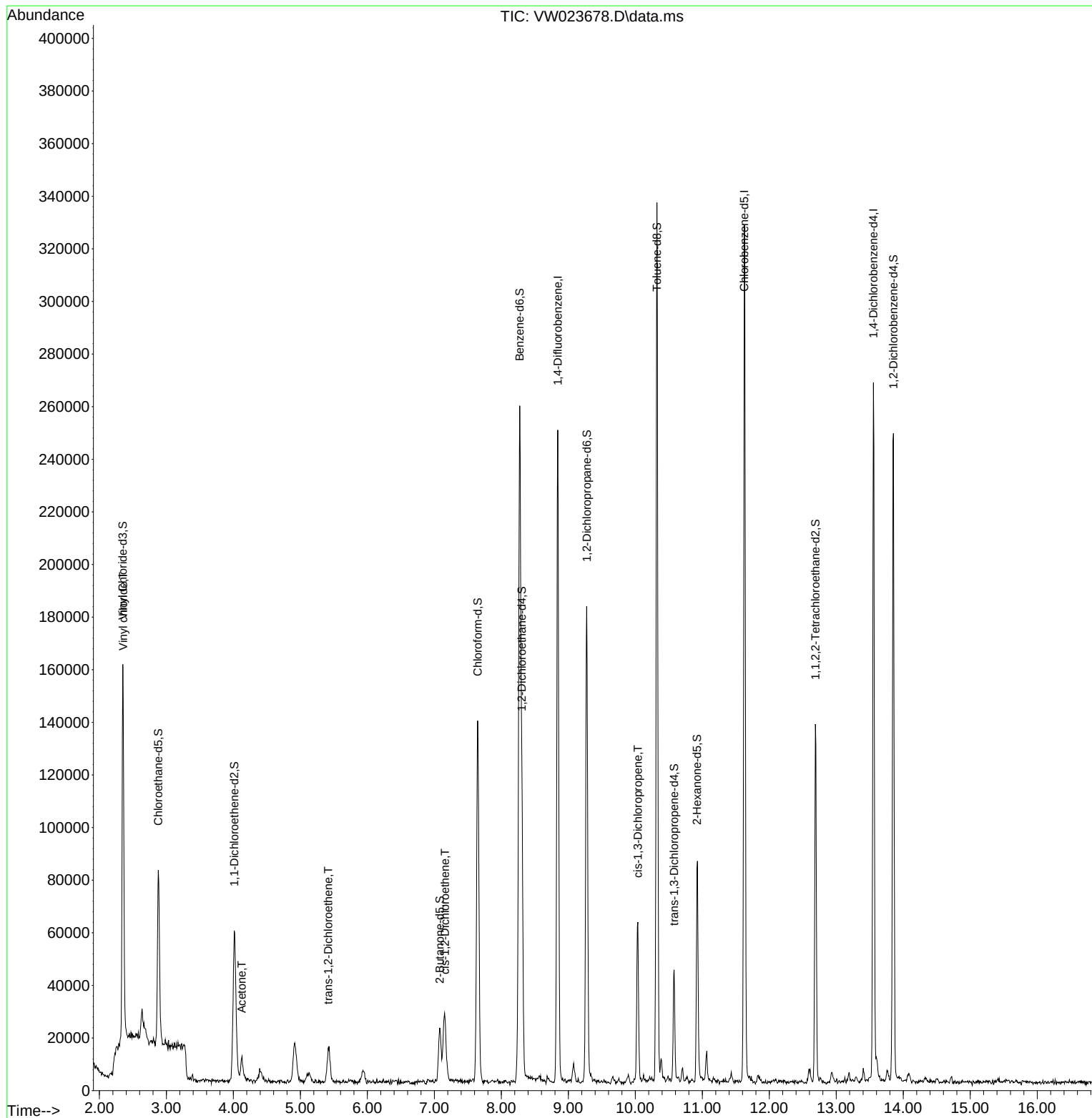
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 185655   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 165068   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 59521    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 98690    | 20.813   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 83.240%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 79762    | 25.215   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 100.840% |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 55690    | 14.423   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 57.680%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 34162    | 46.447   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 92.900%  |
| 24) Chloroform-d              | 7.647  | 84    | 127355   | 23.561   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 94.240%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 79638    | 24.090   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 96.360%  |
| 32) Benzene-d6                | 8.275  | 84    | 234898   | 27.375   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 109.480% |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 74283    | 28.740   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 114.960% |
| 41) Toluene-d8                | 10.323 | 98    | 202637   | 23.282   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 93.120%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 21249    | 17.539   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 70.160%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 25333    | 46.610   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 93.220%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 61586    | 21.561   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 86.240%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 57772    | 27.190   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 108.760% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 5) Vinyl chloride             | 2.355  | 62    | 59345    | 11.186   | ug/L   | 91       |
| 13) Acetone                   | 4.123  | 43    | 14363    | 27.621   | ug/L   | 77       |
| 17) trans-1,2-Dichloroethene  | 5.415  | 96    | 7697     | 3.223    | ug/L   | 93       |
| 20) cis-1,2-Dichloroethene    | 7.159  | 96    | 1456     | 0.550    | ug/L # | 62       |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75    | 2240     | 0.632    | ug/L   | 88       |
| -----                         |        |       |          |          |        |          |

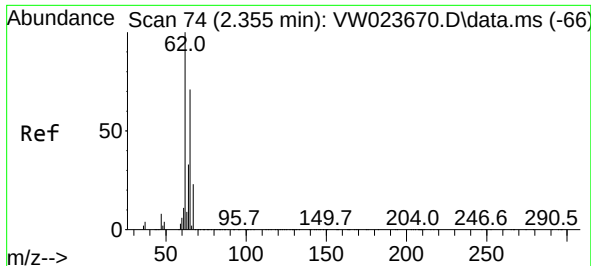
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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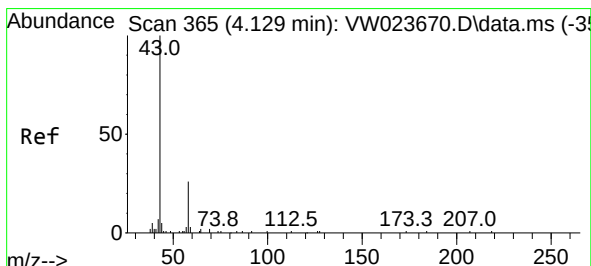
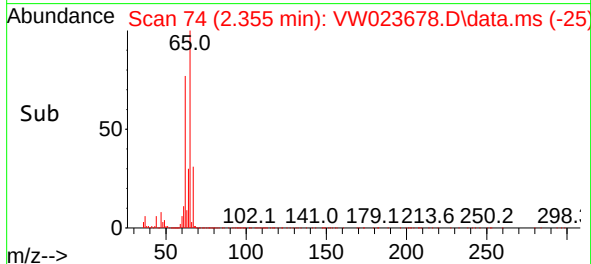
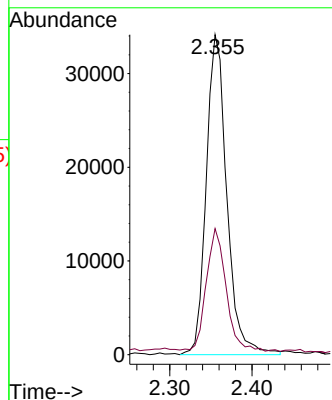
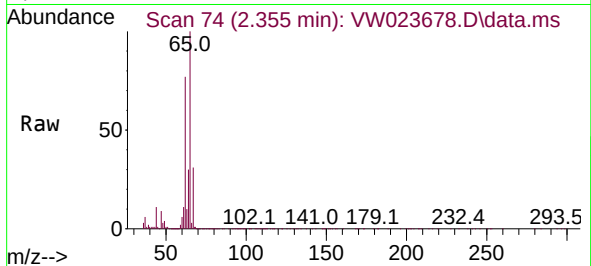




#5  
 Vinyl chloride  
 Concen: 11.186 ug/L  
 RT: 2.355 min Scan# 74  
 Delta R.T. 0.000 min  
 Lab File: VW023678.D  
 Acq: 14 Jul 2022 05:08

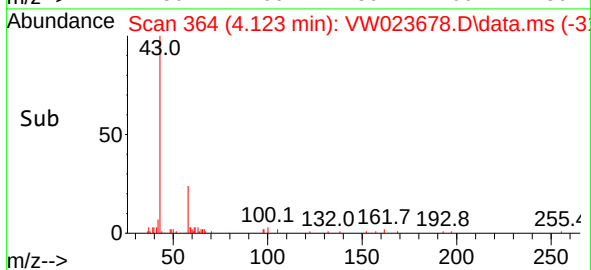
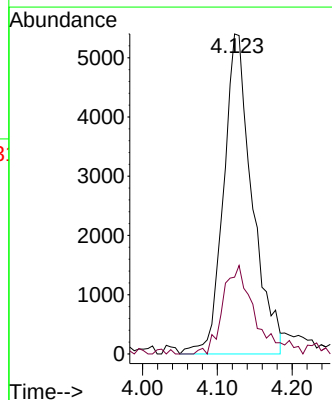
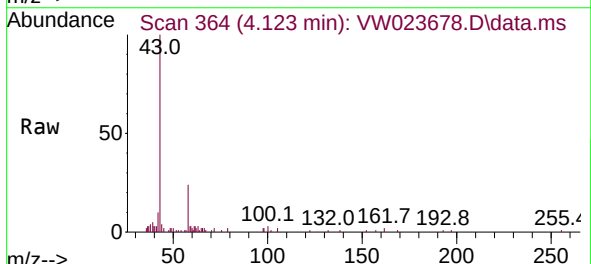
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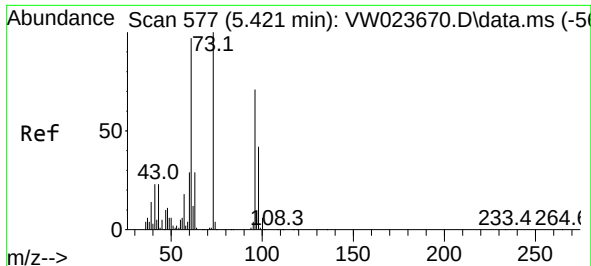
Tgt Ion: 62 Resp: 59345  
 Ion Ratio Lower Upper  
 62 100  
 64 39.4 24.0 44.6



#13  
 Acetone  
 Concen: 27.621 ug/L  
 RT: 4.123 min Scan# 364  
 Delta R.T. -0.006 min  
 Lab File: VW023678.D  
 Acq: 14 Jul 2022 05:08

Tgt Ion: 43 Resp: 14363  
 Ion Ratio Lower Upper  
 43 100  
 58 19.2 0.0 64.2

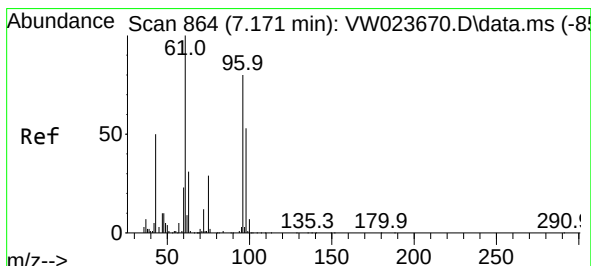
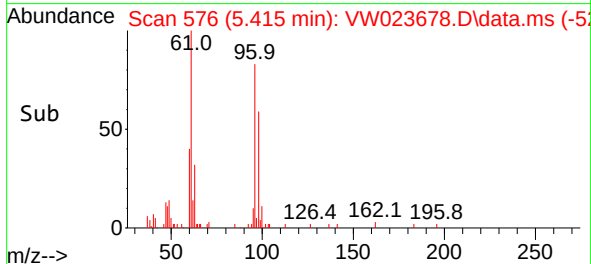
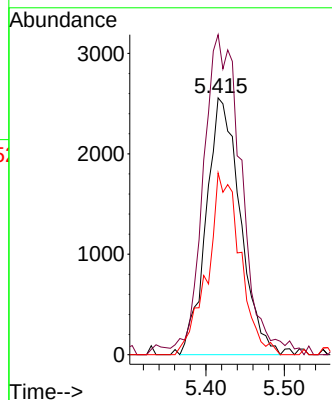
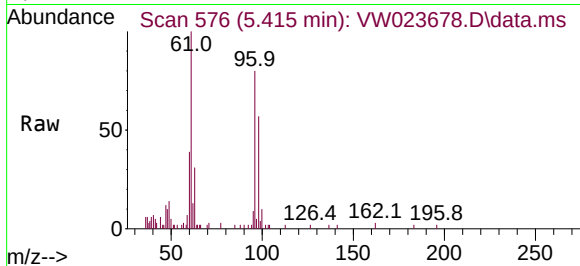




#17  
trans-1,2-Dichloroethene  
Concen: 3.223 ug/L  
RT: 5.415 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VW023678.D  
Acq: 14 Jul 2022 05:08

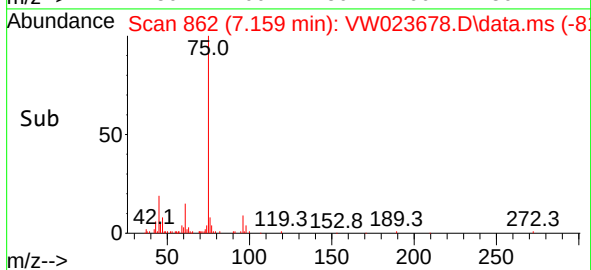
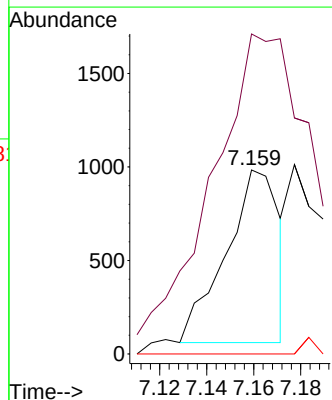
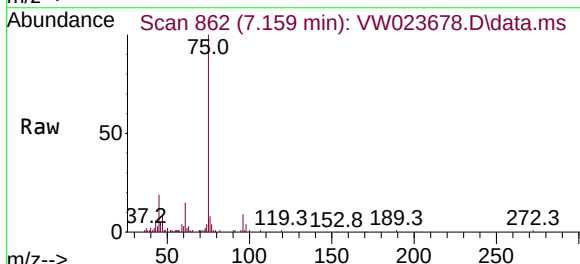
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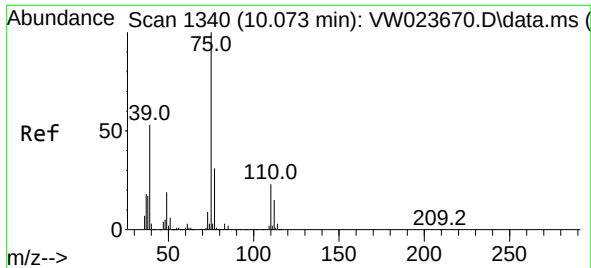
Tgt Ion: 96 Resp: 7697  
Ion Ratio Lower Upper  
96 100  
61 124.6 90.8 168.6  
98 70.8 42.8 79.6



#20  
cis-1,2-Dichloroethene  
Concen: 0.550 ug/L  
RT: 7.159 min Scan# 862  
Delta R.T. -0.012 min  
Lab File: VW023678.D  
Acq: 14 Jul 2022 05:08

Tgt Ion: 96 Resp: 1456  
Ion Ratio Lower Upper  
96 100  
61 173.9 90.6 168.2#  
68 0.0 0.2 0.4#





#39  
 cis-1,3-Dichloropropene  
 Concen: 0.632 ug/L  
 RT: 10.037 min Scan# 11  
 Delta R.T. -0.036 min  
 Lab File: VW023678.D  
 Acq: 14 Jul 2022 05:08

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B52

Tgt Ion: 75 Resp: 2240  
 Ion Ratio Lower Upper  
 75 100  
 77 38.7 22.5 41.9

