

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071922\  
 Data File : VW023913.D  
 Acq On : 20 Jul 2022 03:49  
 Operator : SY/VA  
 Sample : N3743-18  
 Misc : 6.84g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5D16

Quant Time: Jul 20 05:22:54 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

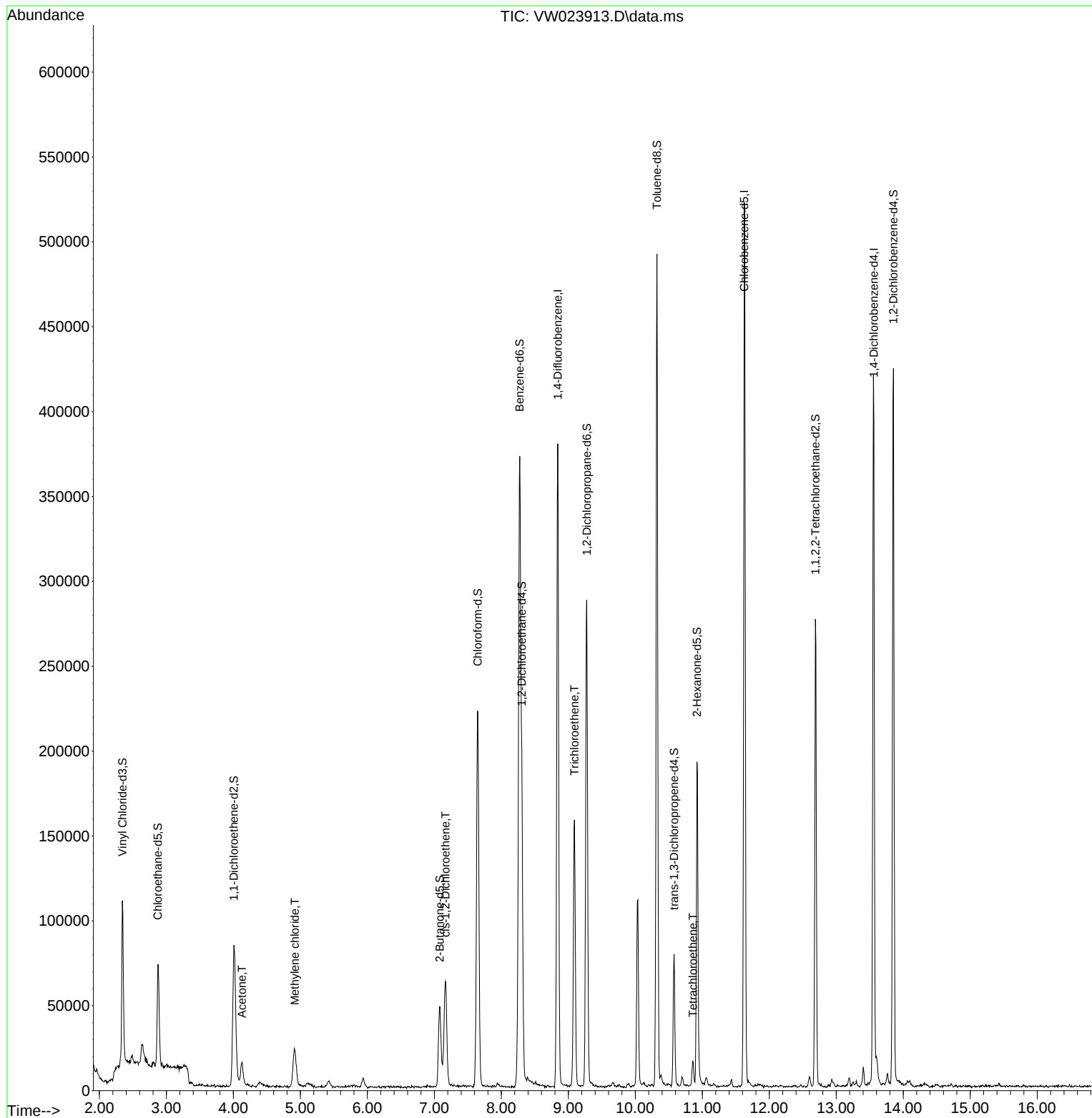
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 308351   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 277770   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 103255   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 91790    | 11.655   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 46.640%  |
| 7) Chloroethane-d5            | 2.873  | 69    | 70350    | 13.390   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 53.560%  |
| 11) 1,1-Dichloroethene-d2     | 4.007  | 63    | 83665    | 13.046   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 52.200%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 76294    | 62.455   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 124.920% |
| 24) Chloroform-d              | 7.647  | 84    | 222836   | 24.822   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 99.280%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 123956   | 22.575   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 90.320%  |
| 32) Benzene-d6                | 8.275  | 84    | 366083   | 25.353   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 101.400% |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 125274   | 28.803   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 115.200% |
| 41) Toluene-d8                | 10.323 | 98    | 313110   | 21.378   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 85.520%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 41194    | 20.206   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 80.840%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 60430    | 66.073   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 132.140% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 130846   | 27.222   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 108.880% |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 102695   | 27.861   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 111.440% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.129  | 43    | 23199    | 26.861   | ug/L   | 100      |
| 16) Methylene chloride        | 4.916  | 84    | 18398    | 3.816    | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 7.165  | 96    | 31235    | 7.109    | ug/L # | 89       |
| 34) Trichloroethene           | 9.092  | 95    | 51243    | 12.294   | ug/L   | 95       |
| 46) Tetrachloroethene         | 10.860 | 164   | 3135     | 0.973    | ug/L   | 84       |
| -----                         |        |       |          |          |        |          |

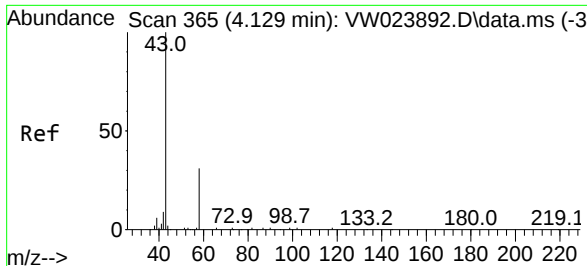
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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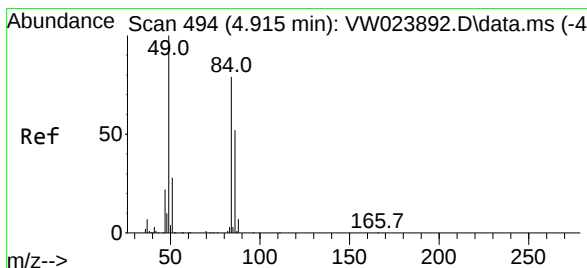
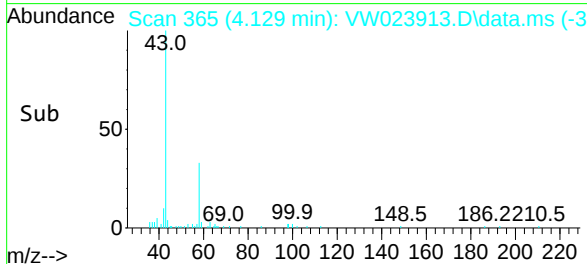
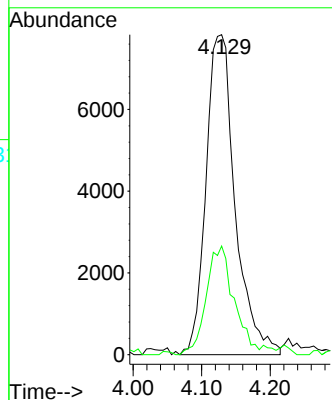
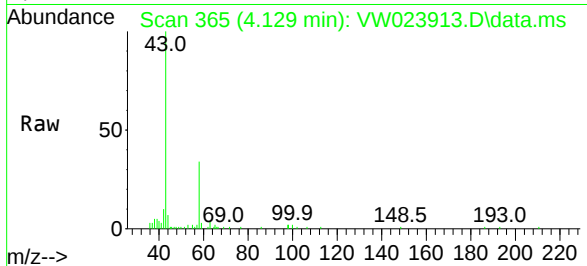




#13  
Acetone  
Concen: 26.861 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. 0.000 min  
Lab File: VW023913.D  
Acq: 20 Jul 2022 03:49

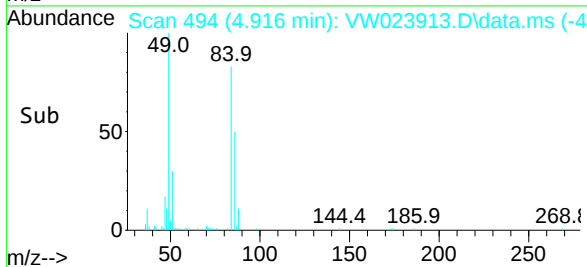
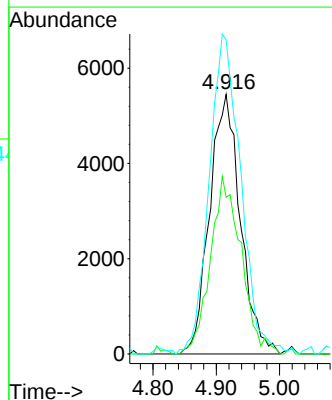
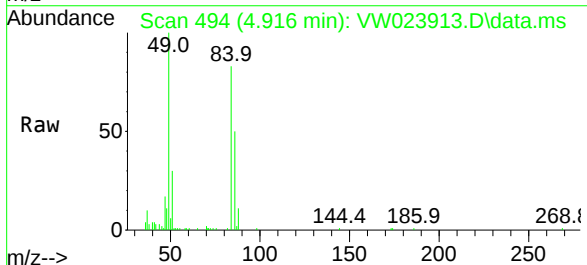
Instrument :  
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ClientSampleId :  
F5D16

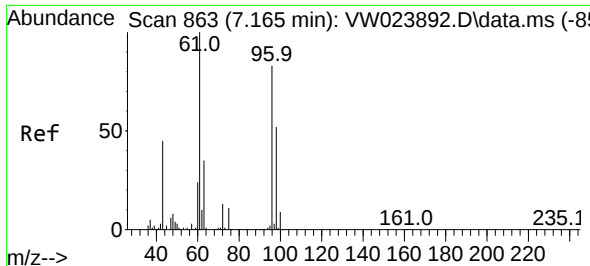
Tgt Ion: 43 Resp: 23199  
Ion Ratio Lower Upper  
43 100  
58 32.2 0.0 64.2



#16  
Methylene chloride  
Concen: 3.816 ug/L  
RT: 4.916 min Scan# 494  
Delta R.T. 0.000 min  
Lab File: VW023913.D  
Acq: 20 Jul 2022 03:49

Tgt Ion: 84 Resp: 18398  
Ion Ratio Lower Upper  
84 100  
86 60.4 42.8 79.6  
49 121.0 85.4 158.6

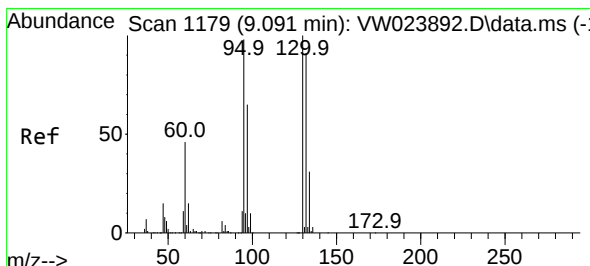
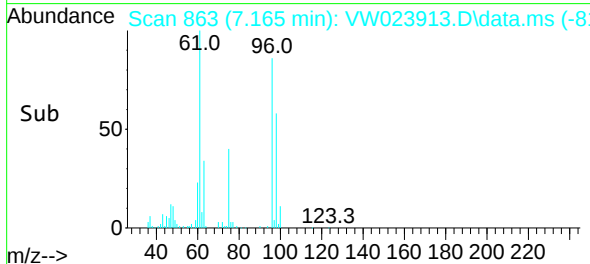
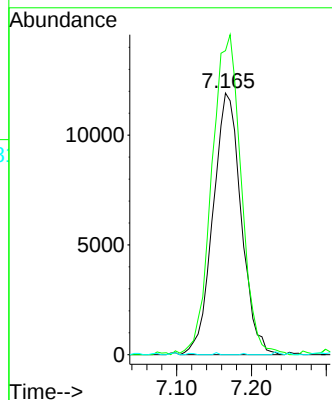
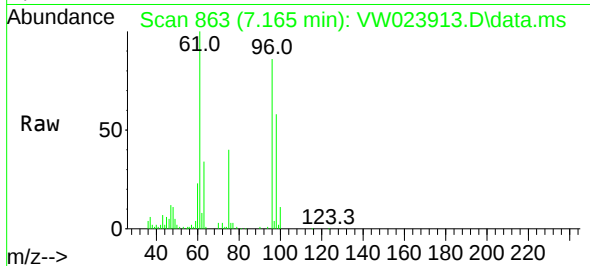




#20  
cis-1,2-Dichloroethene  
Concen: 7.109 ug/L  
RT: 7.165 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VW023913.D  
Acq: 20 Jul 2022 03:49

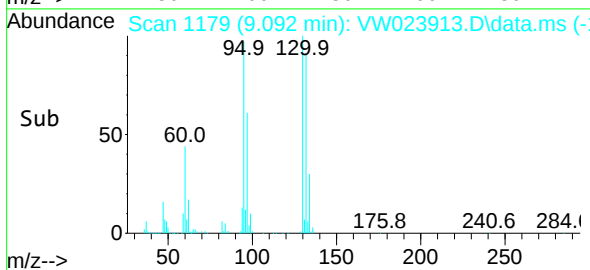
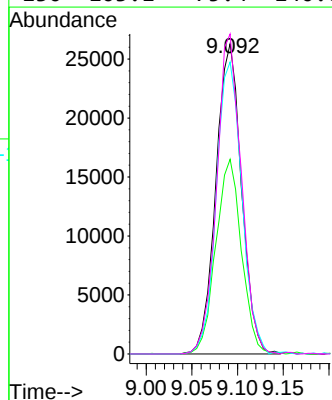
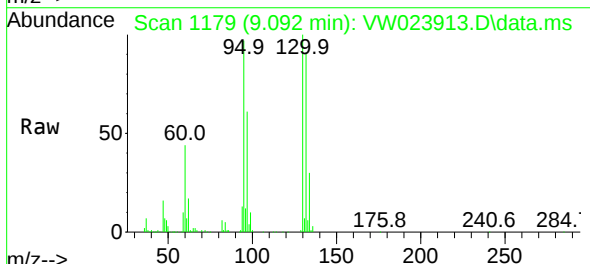
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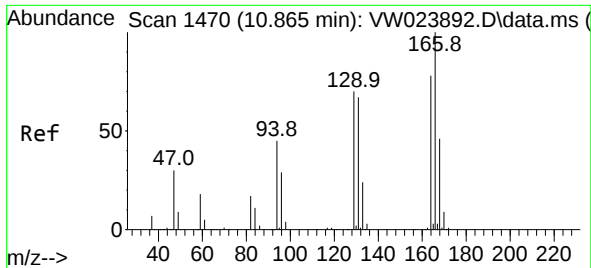
Tgt Ion: 96 Resp: 31235  
Ion Ratio Lower Upper  
96 100  
61 116.2 90.6 168.2  
68 0.0 0.2 0.4#



#34  
Trichloroethene  
Concen: 12.294 ug/L  
RT: 9.092 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: VW023913.D  
Acq: 20 Jul 2022 03:49

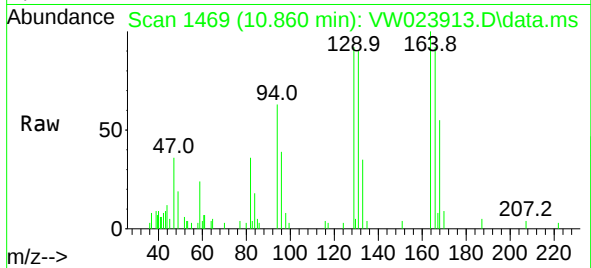
Tgt Ion: 95 Resp: 51243  
Ion Ratio Lower Upper  
95 100  
97 62.7 45.6 84.8  
132 94.1 69.9 129.7  
130 103.1 75.4 140.0





#46  
Tetrachloroethene  
Concen: 0.973 ug/L  
RT: 10.860 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: VW023913.D  
Acq: 20 Jul 2022 03:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
F5D16



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 129     | 96.5  | 72.4  | 134.5 |
| 131     | 90.1  | 67.8  | 125.8 |
| 166     | 92.3  | 88.9  | 165.1 |

