

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051322\  
 Data File : VW023029.D  
 Acq On : 13 May 2022 15:57  
 Operator : SY/VA  
 Sample : N2821-10  
 Misc : 6.18g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EXLD0

Quant Time: May 14 00:01:22 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 13 23:57:51 2022  
 Response via : Initial Calibration

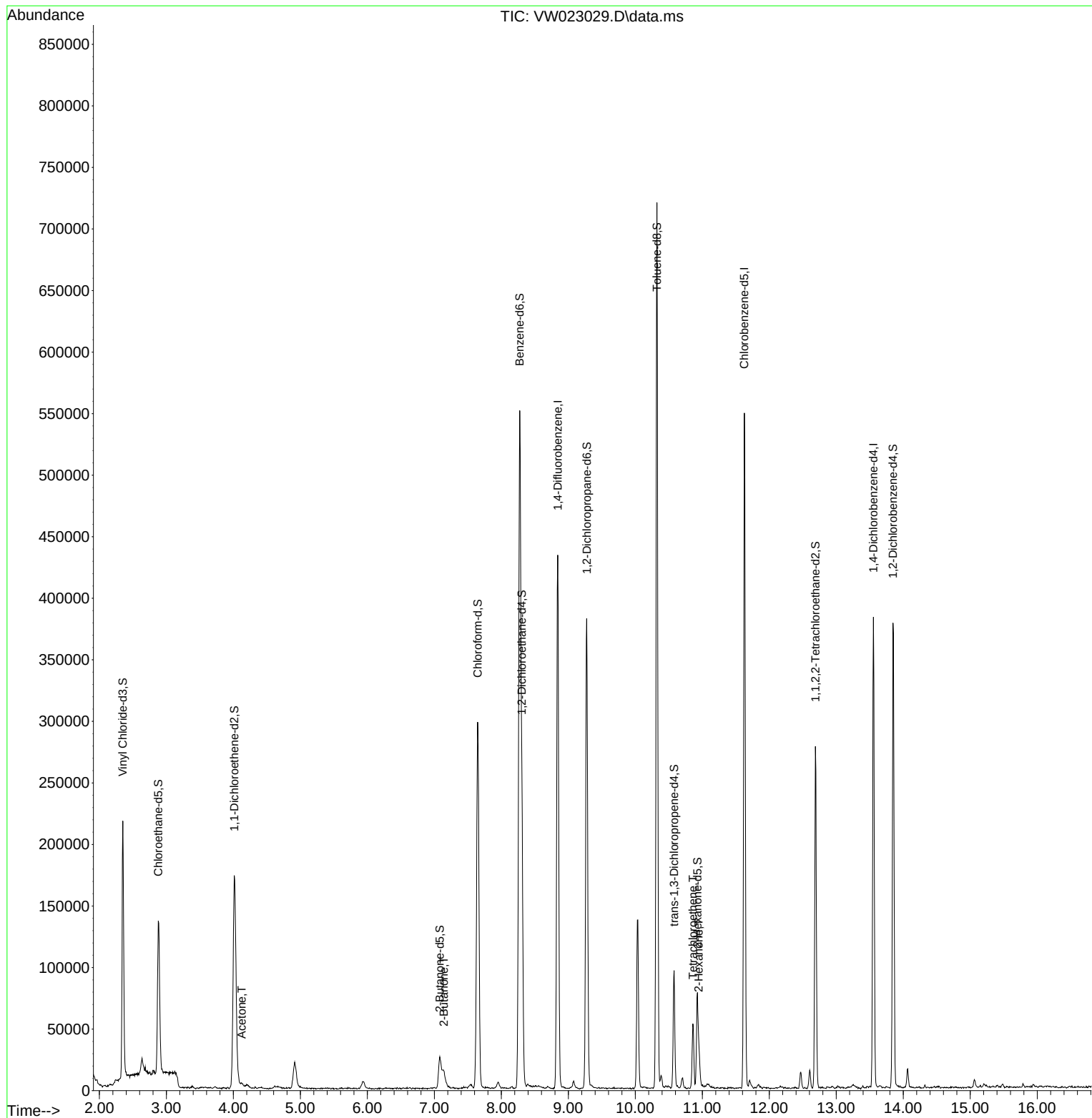
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 368432   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 298571   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 93751    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 205383   | 27.171   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 108.680%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 151289   | 30.764   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 123.040%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 173436   | 17.757   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 71.040%   |
| 21) 2-Butanone-d5             | 7.080  | 46    | 37265    | 25.929   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 51.860%   |
| 24) Chloroform-d              | 7.647  | 84    | 298685   | 27.671   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 110.680%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 169994   | 28.714   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 114.840%  |
| 32) Benzene-d6                | 8.275  | 84    | 562249   | 32.671   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 130.680%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 170073   | 35.181   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 140.720%# |
| 41) Toluene-d8                | 10.323 | 98    | 470865   | 28.324   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 113.280%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 51578    | 23.172   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 92.680%   |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 23566    | 25.536   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 51.080%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 131269   | 29.133   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 116.520%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.847 | 152   | 95210    | 29.052   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 116.200%  |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.123  | 43    | 4480     | 4.164    | ug/L   | 94        |
| 22) 2-Butanone                | 7.141  | 43    | 15155    | 10.071   | ug/L # | 46        |
| 46) Tetrachloroethene         | 10.860 | 164   | 10606    | 2.918    | ug/L   | 90        |
| 48) 2-Hexanone                | 10.945 | 43    | 16251    | 9.066    | ug/L # | 41        |
| -----                         |        |       |          |          |        |           |

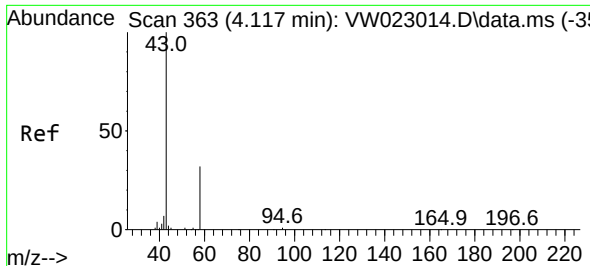
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 13 23:57:51 2022  
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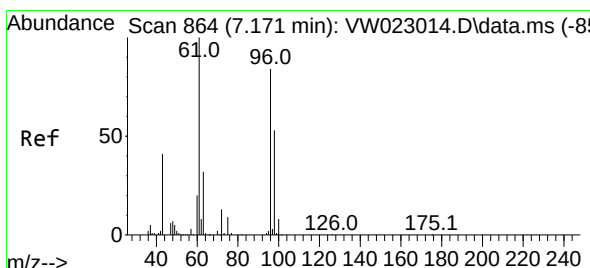
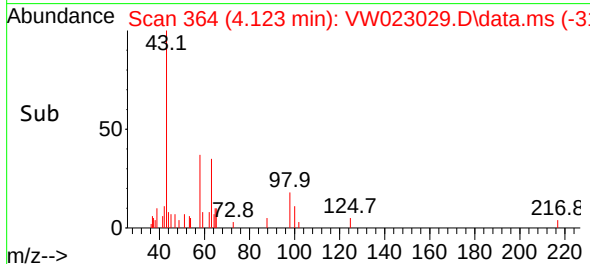
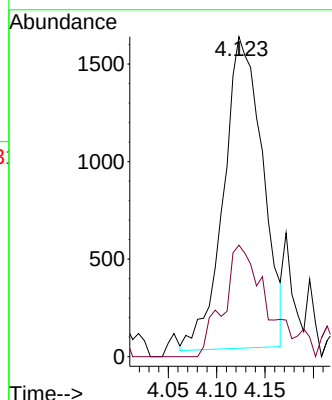
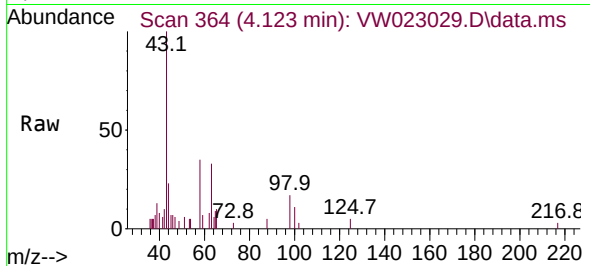




#13  
Acetone  
Concen: 4.164 ug/L  
RT: 4.123 min Scan# 30  
Delta R.T. 0.006 min  
Lab File: VW023029.D  
Acq: 13 May 2022 15:57

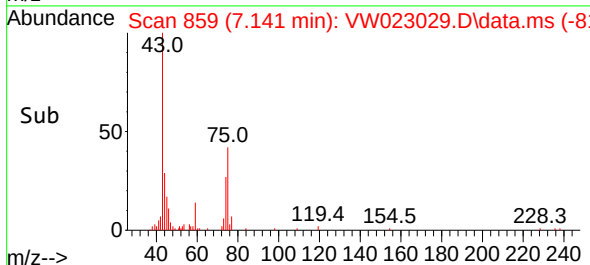
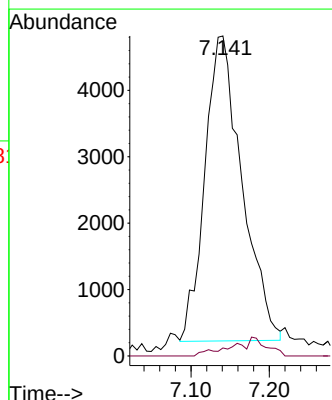
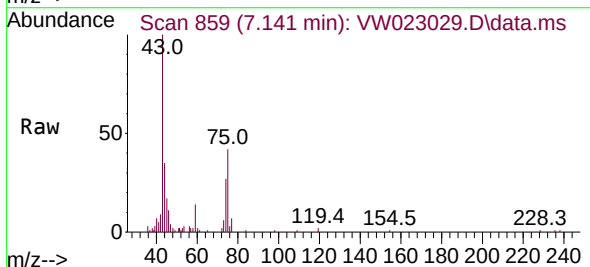
Instrument :  
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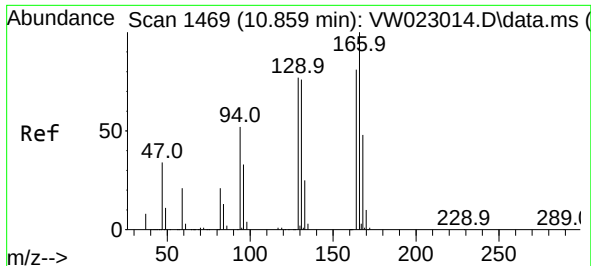
Tgt Ion: 43 Resp: 4480  
Ion Ratio Lower Upper  
43 100  
58 28.5 0.0 64.0



#22  
2-Butanone  
Concen: 10.071 ug/L  
RT: 7.141 min Scan# 859  
Delta R.T. -0.030 min  
Lab File: VW023029.D  
Acq: 13 May 2022 15:57

Tgt Ion: 43 Resp: 15155  
Ion Ratio Lower Upper  
43 100  
72 0.9 15.1 45.3#

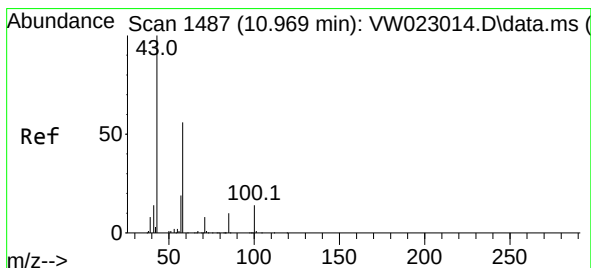
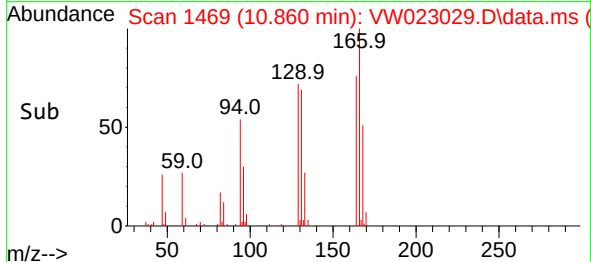
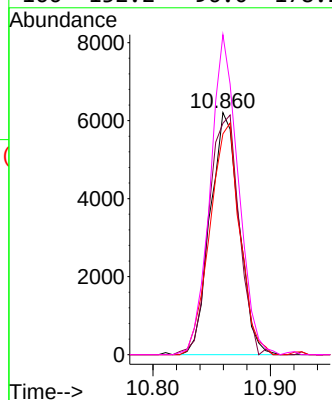
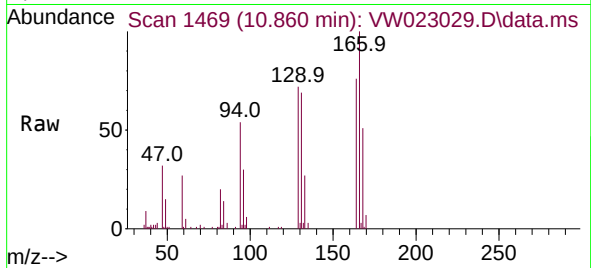




#46  
Tetrachloroethene  
Concen: 2.918 ug/L  
RT: 10.860 min Scan# 1469  
Delta R.T. 0.000 min  
Lab File: VW023029.D  
Acq: 13 May 2022 15:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
EXLD0

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 10606 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 95.5  | 76.9  | 142.7 |
| 131      | 91.2  | 75.1  | 139.5 |
| 166      | 132.2 | 96.0  | 178.2 |



#48  
2-Hexanone  
Concen: 9.066 ug/L  
RT: 10.945 min Scan# 1483  
Delta R.T. -0.024 min  
Lab File: VW023029.D  
Acq: 13 May 2022 15:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 16251 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 5.0   | 45.9  | 68.9# |
| 57       | 0.8   | 16.2  | 24.2# |
| 100      | 0.0   | 10.7  | 16.1# |

