

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061423\  
 Data File : VW026189.D  
 Acq On : 14 Jun 2023 19:39  
 Operator : SY/MD  
 Sample : 03234-12  
 Misc : 5.02g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YBTY6

Quant Time: Jun 14 23:27:40 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 14 23:24:58 2023  
 Response via : Initial Calibration

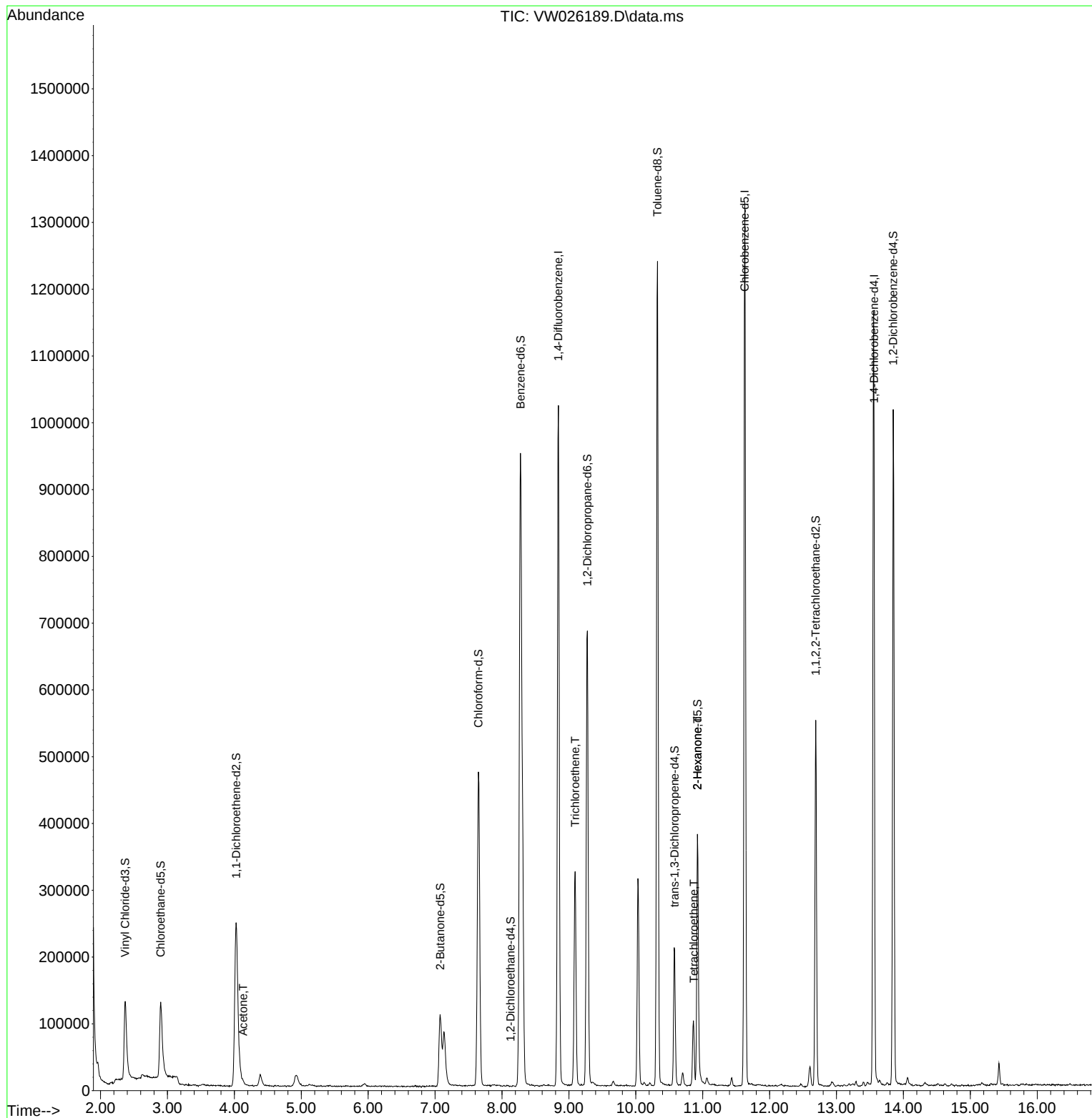
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 805749   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 684146   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.562 | 152   | 273217   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65    | 201988   | 17.820   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 71.280%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 183688   | 21.648   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 86.600%  |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 103074   | 18.441   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 73.760%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 194801   | 59.029   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 118.060% |
| 24) Chloroform-d              | 7.648  | 84    | 472566   | 20.028   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 80.120%  |
| 26) 1,2-Dichloroethane-d4     | 8.130  | 65    | 175      | 0.014    | ug/L   | -0.17    |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.040%#  |
| 32) Benzene-d6                | 8.276  | 84    | 948422   | 20.602   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 82.400%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 318019   | 21.805   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 87.240%  |
| 41) Toluene-d8                | 10.325 | 98    | 778556   | 19.070   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 76.280%  |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79    | 112829   | 19.523   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 78.080%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 123840   | 53.852   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 107.700% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 278455   | 26.237   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 104.960% |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 237788   | 22.738   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 90.960%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.131  | 43    | 7087     | 2.775    | ug/L   | 99       |
| 34) Trichloroethene           | 9.093  | 95    | 113467   | 9.455    | ug/L   | 93       |
| 46) Tetrachloroethene         | 10.867 | 164   | 21186    | 2.496    | ug/L   | 95       |
| 48) 2-Hexanone                | 10.922 | 43    | 19833    | 3.758    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

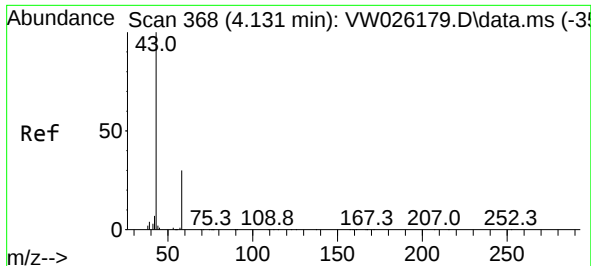
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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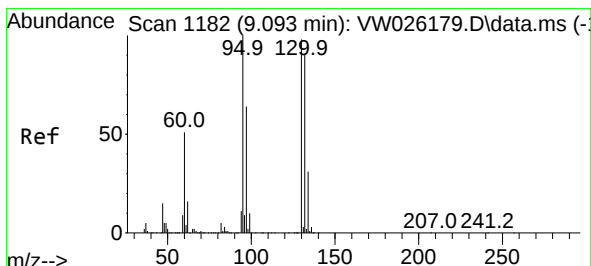
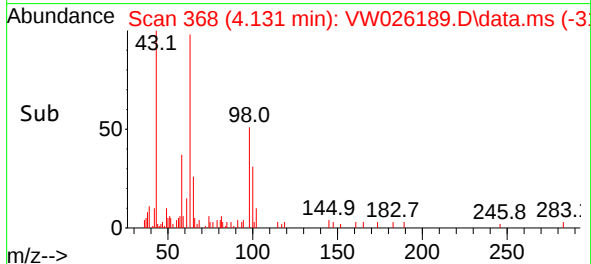
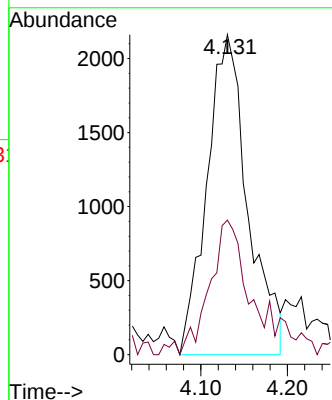
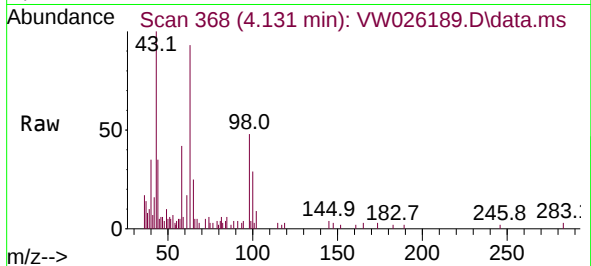




#13  
Acetone  
Concen: 2.775 ug/L  
RT: 4.131 min Scan# 368  
Delta R.T. -0.000 min  
Lab File: VW026189.D  
Acq: 14 Jun 2023 19:39

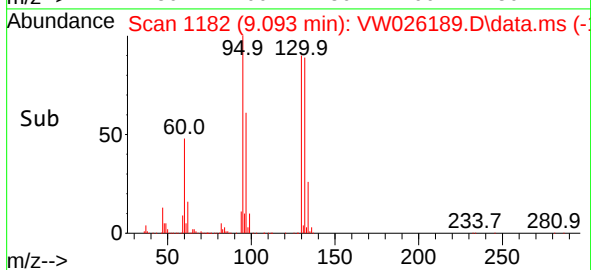
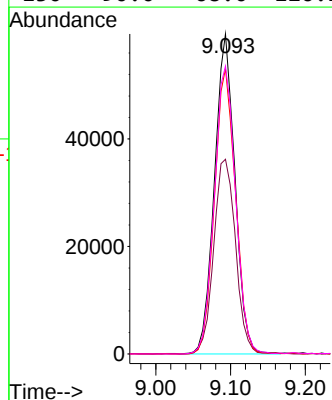
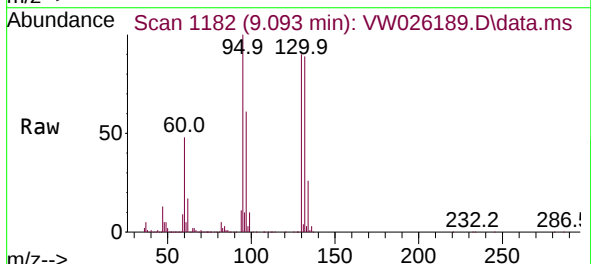
Instrument :  
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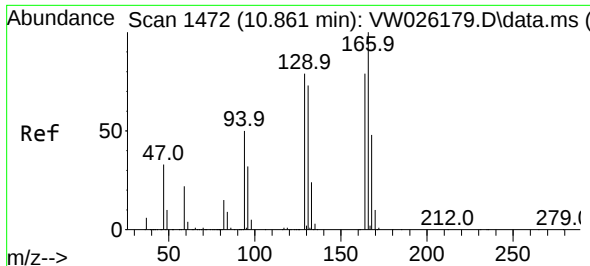
Tgt Ion: 43 Resp: 7087  
Ion Ratio Lower Upper  
43 100  
58 29.4 0.0 58.2



#34  
Trichloroethene  
Concen: 9.455 ug/L  
RT: 9.093 min Scan# 1182  
Delta R.T. -0.000 min  
Lab File: VW026189.D  
Acq: 14 Jun 2023 19:39

Tgt Ion: 95 Resp: 113467  
Ion Ratio Lower Upper  
95 100  
97 60.9 45.9 85.3  
132 89.1 67.1 124.7  
130 90.0 68.0 126.2

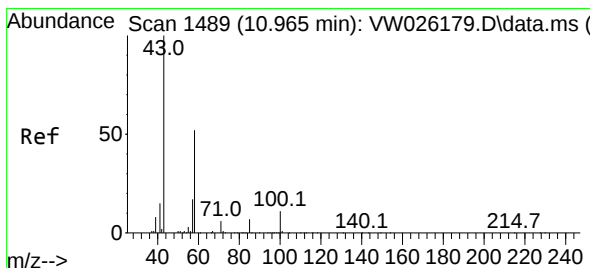
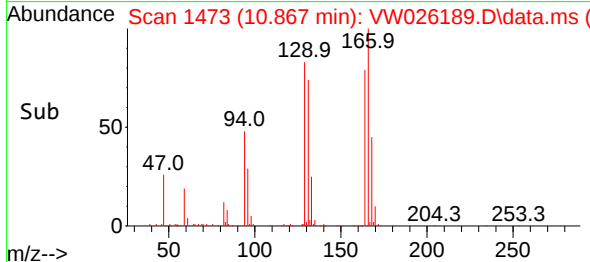
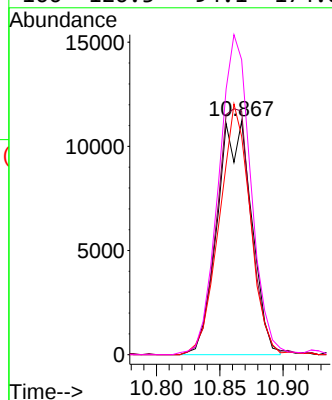
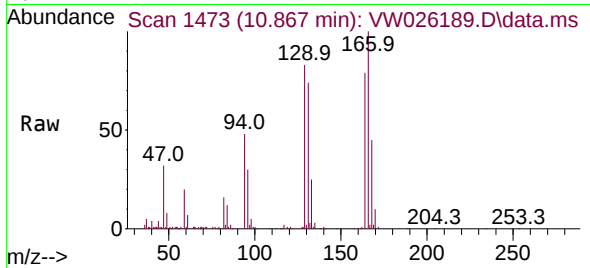




#46  
Tetrachloroethene  
Concen: 2.496 ug/L  
RT: 10.867 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: VW026189.D  
Acq: 14 Jun 2023 19:39

Instrument :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 21186 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 104.4 | 68.5  | 127.1 |
| 131      | 93.6  | 67.1  | 124.7 |
| 166      | 126.3 | 94.1  | 174.8 |



#48  
2-Hexanone  
Concen: 3.758 ug/L  
RT: 10.922 min Scan# 1482  
Delta R.T. -0.043 min  
Lab File: VW026189.D  
Acq: 14 Jun 2023 19:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 19833 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 22.6  | 42.2  | 63.2# |
| 57       | 23.2  | 14.2  | 21.2# |
| 100      | 3.0   | 8.3   | 12.5# |

