

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121923\  
 Data File : VW027769.D  
 Acq On : 19 Dec 2023 11:15  
 Operator : SY/MD  
 Sample : 05794-05  
 Misc : 3.85g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BH3P9

Quant Time: Dec 19 22:34:43 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sun Dec 17 01:25:09 2023  
 Response via : Initial Calibration

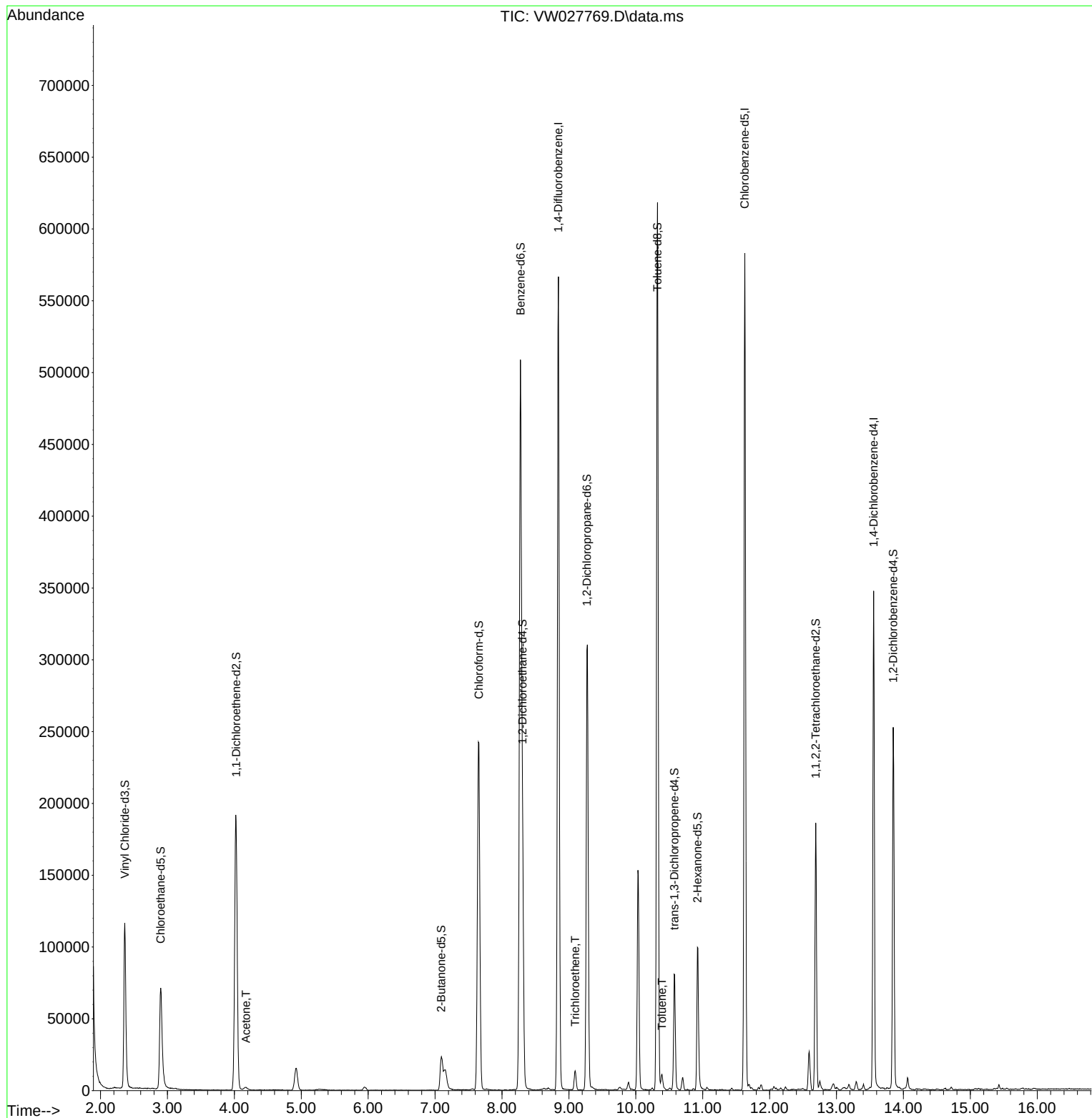
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 502979   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 350087   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 91634    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 146911   | 20.624   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 82.480%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 111801   | 20.158   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 80.640%  |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 58210    | 20.404   | ug/L   | 0.01     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 81.600%  |
| 21) 2-Butanone-d5             | 7.094  | 46    | 43327    | 35.719   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 71.440%  |
| 24) Chloroform-d              | 7.654  | 84    | 266298   | 22.250   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 89.000%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 119445   | 21.255   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 85.040%  |
| 32) Benzene-d6                | 8.276  | 84    | 561850   | 27.461   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 109.840% |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 156911   | 27.070   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 108.280% |
| 41) Toluene-d8                | 10.325 | 98    | 440774   | 23.219   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 92.880%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 48972    | 21.821   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 87.280%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 38838    | 45.977   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 91.960%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 94076    | 21.461   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 85.840%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152   | 73087    | 22.282   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 89.120%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.173  | 43    | 4454     | 4.045    | ug/L   | 56       |
| 34) Trichloroethene           | 9.093  | 95    | 4675     | 0.845    | ug/L   | 93       |
| 42) Toluene                   | 10.392 | 91    | 7370     | 0.338    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

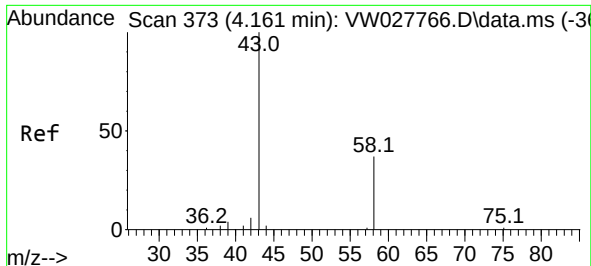
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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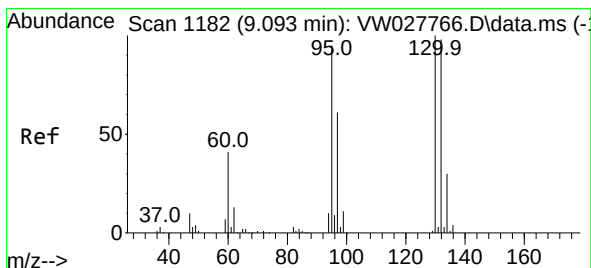
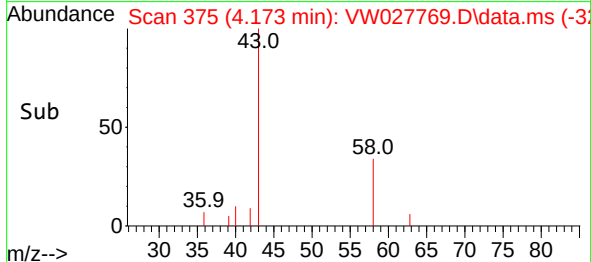
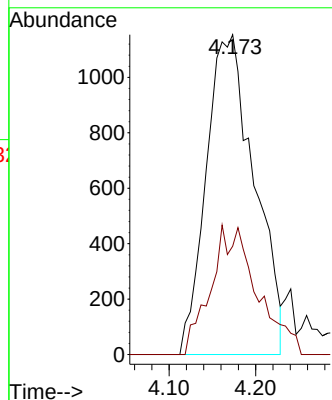
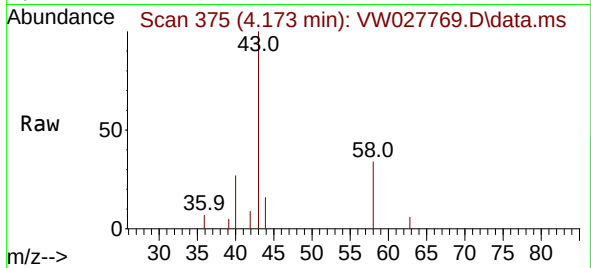




#13  
Acetone  
Concen: 4.045 ug/L  
RT: 4.173 min Scan# 373  
Delta R.T. -0.012 min  
Lab File: VW027769.D  
Acq: 19 Dec 2023 11:15

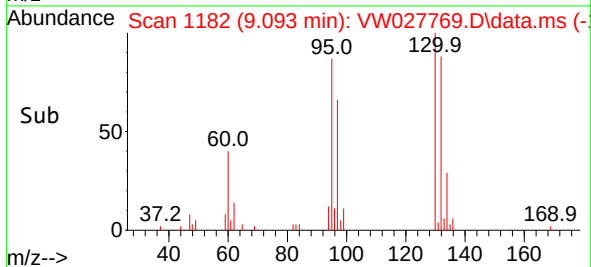
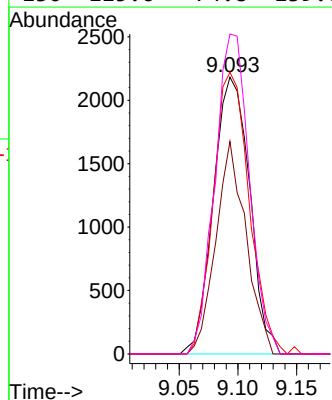
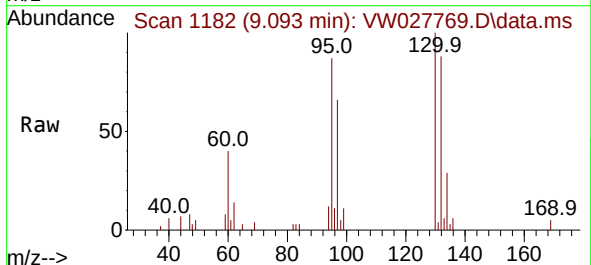
Instrument :  
MSVOA\_W  
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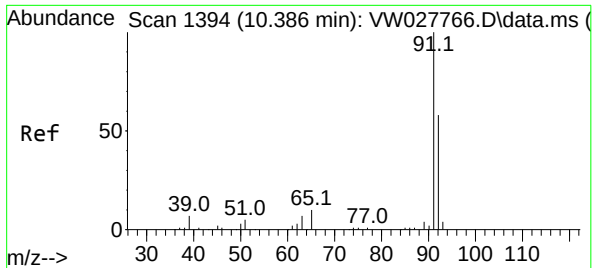
Tgt Ion: 43 Resp: 4454  
Ion Ratio Lower Upper  
43 100  
58 8.8 0.0 68.6



#34  
Trichloroethene  
Concen: 0.845 ug/L  
RT: 9.093 min Scan# 1182  
Delta R.T. 0.006 min  
Lab File: VW027769.D  
Acq: 19 Dec 2023 11:15

Tgt Ion: 95 Resp: 4675  
Ion Ratio Lower Upper  
95 100  
97 76.7 45.9 85.3  
132 101.8 70.4 130.8  
130 115.6 74.8 139.0





#42  
Toluene  
Concen: 0.338 ug/L  
RT: 10.392 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VW027769.D  
Acq: 19 Dec 2023 11:15

Instrument :  
MSVOA\_W  
ClientSampleId :  
BH3P9

Tgt Ion: 91 Resp: 7370  
Ion Ratio Lower Upper  
91 100  
92 60.6 41.2 76.4

