

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061623\  
 Data File : VW026217.D  
 Acq On : 16 Jun 2023 10:20  
 Operator : SY/MD  
 Sample : 03236-01  
 Misc : 5.50g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YBTX8

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/19/2023  
 Supervised By :Mahesh Dadoda 06/22/2023

Quant Time: Jun 16 23:59:53 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 16 23:58:43 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114            | 657372   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117            | 583245   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152            | 230818   | 25.000 | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.357  | 65             | 164926   | 17.834 | ug/L     | -0.01    |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 71.320%  |          |
| 7) Chloroethane-d5            | 2.893  | 69             | 151437   | 21.875 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 87.520%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.015  | 65             | 87505    | 19.190 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 76.760%  |          |
| 21) 2-Butanone-d5             | 7.075  | 46             | 167711   | 62.291 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 124.580% |          |
| 24) Chloroform-d              | 7.648  | 84             | 409035   | 21.248 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 85.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.301  | 65             | 251477   | 23.890 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 95.560%  |          |
| 32) Benzene-d6                | 8.276  | 84             | 800485   | 20.397 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 81.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67             | 276458   | 22.235 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 88.960%  |          |
| 41) Toluene-d8                | 10.325 | 98             | 660147   | 18.967 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 75.880%  |          |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79             | 98949    | 20.083 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 80.320%  |          |
| 47) 2-Hexanone-d5             | 10.922 | 63             | 103601   | 52.844 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 105.680% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84             | 240465   | 26.577 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 106.320% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.855 | 152            | 188583   | 21.346 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 85.400%  |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        | Qvalue   |          |
| 13) Acetone                   | 4.125  | 43             | 13961m   | 6.701  | ug/L     |          |
| 34) Trichloroethene           | 9.093  | 95             | 24341    | 2.379  | ug/L     | 98       |
| 46) Tetrachloroethene         | 10.861 | 164            | 9403     | 1.299  | ug/L     | 95       |
| -----                         |        |                |          |        |          |          |

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

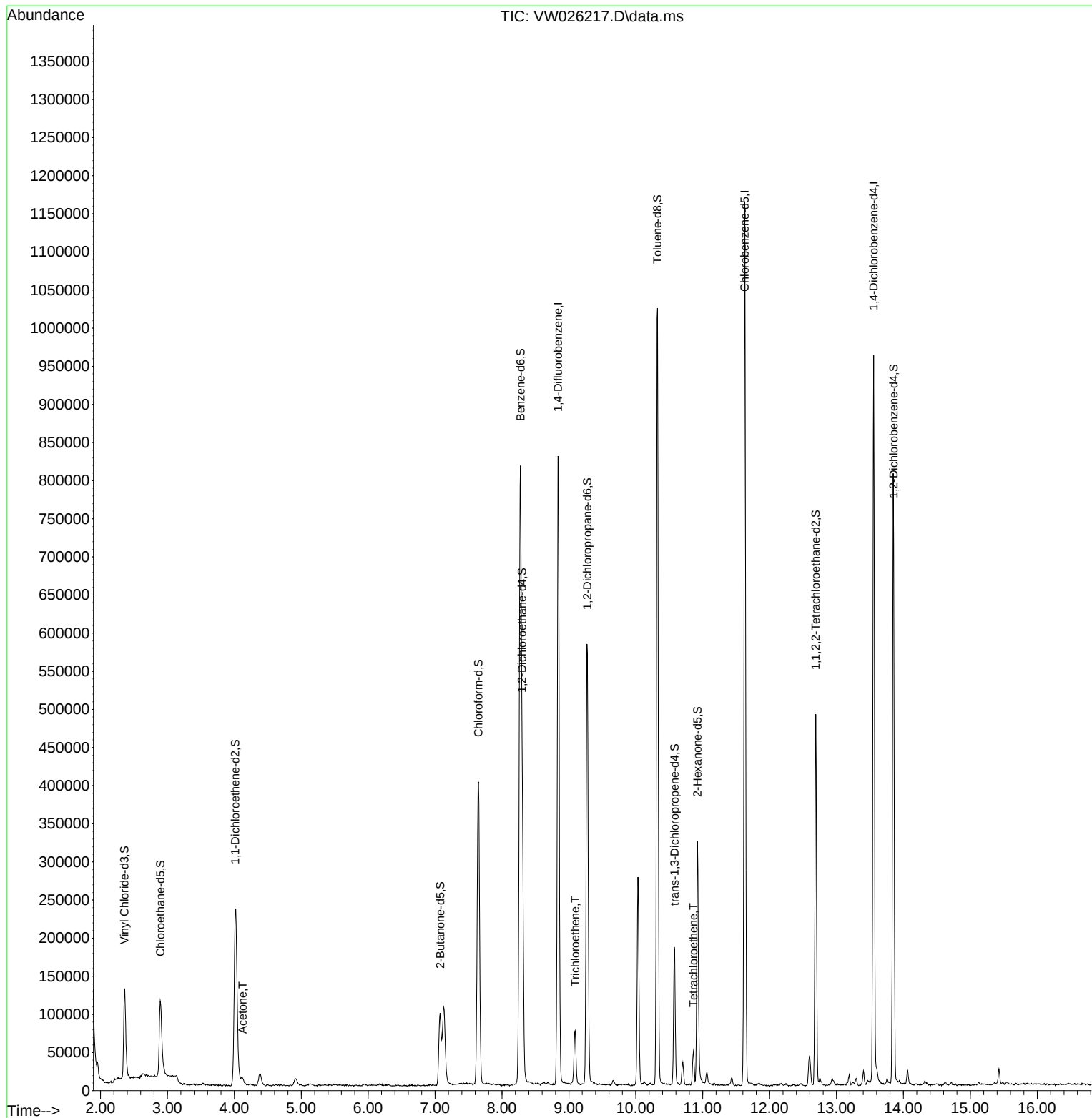
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061623\  
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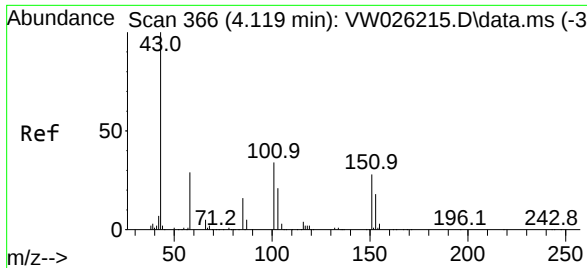
Instrument :  
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#13

Acetone

Concen: 6.701 ug/L m

RT: 4.125 min Scan# 367

Delta R.T. 0.006 min

Lab File: VW026217.D

Acq: 16 Jun 2023 10:20

Instrument :

MSVOA\_W

ClientSampleId :

YBTX8

Tgt Ion: 43 Resp: 1396

Ion Ratio Lower Upper

43 100

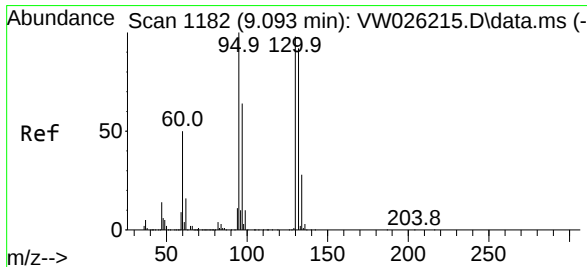
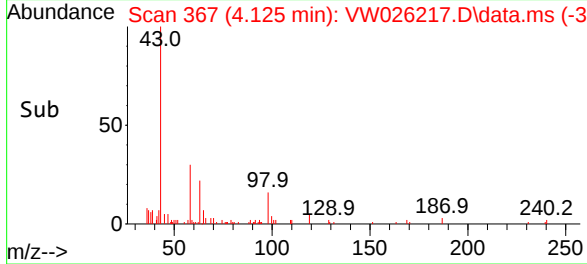
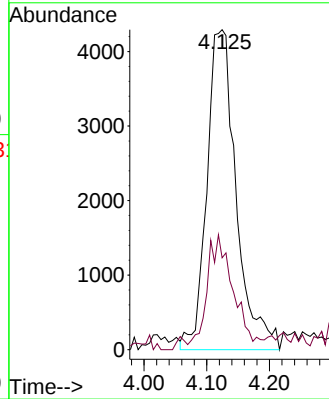
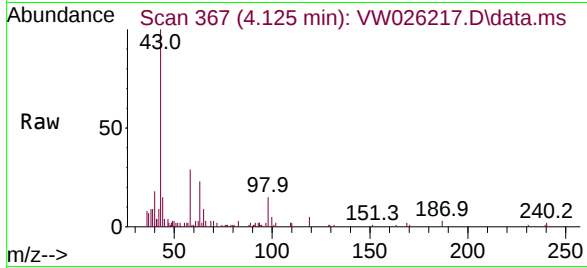
58 0.3 0.0 58.2

Manual Integrations

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#34

Trichloroethene

Concen: 2.379 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026217.D

Acq: 16 Jun 2023 10:20

Tgt Ion: 95 Resp: 24341

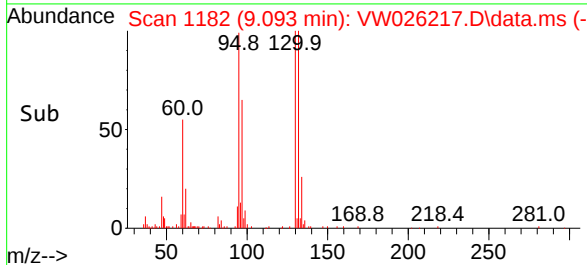
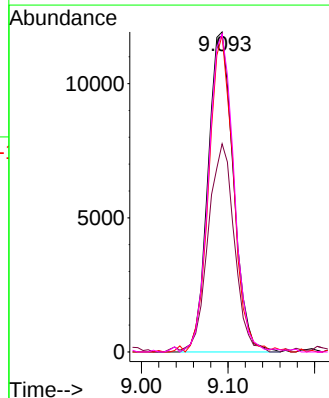
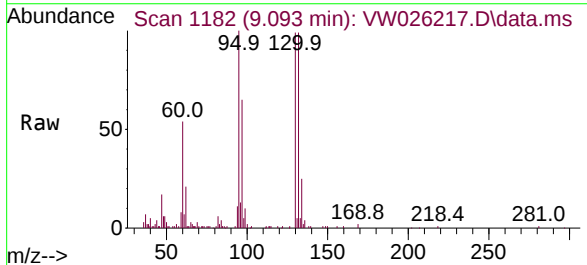
Ion Ratio Lower Upper

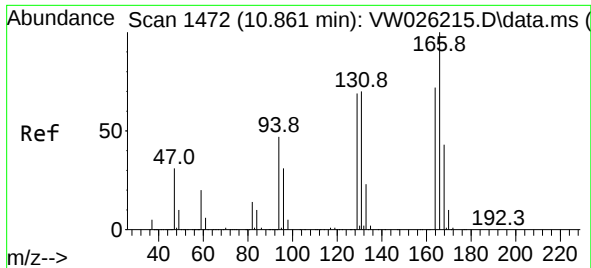
95 100

97 65.1 45.9 85.3

132 99.1 67.1 124.7

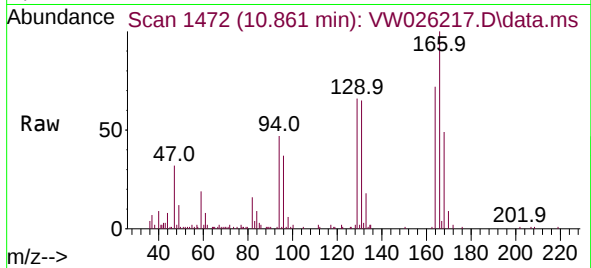
130 99.4 68.0 126.2





#46  
Tetrachloroethene  
Concen: 1.299 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VW026217.D  
Acq: 16 Jun 2023 10:20

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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 129     | 91.4  | 68.5  | 127.1 |
| 131     | 90.8  | 67.1  | 124.7 |
| 166     | 139.4 | 94.1  | 174.8 |

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