

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121323\  
 Data File : VW027606.D  
 Acq On : 13 Dec 2023 19:48  
 Operator : SY/MD  
 Sample : 05806-12  
 Misc : 6.15g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E0LR2

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/14/2023  
 Supervised By : Mahesh Dadoda 12/15/2023

Quant Time: Dec 14 00:20:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120623SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Dec 13 04:25:58 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response             | Conc   | Units | Dev(Min) |
|-------------------------------|----------------|------|----------------------|--------|-------|----------|
| -----                         |                |      |                      |        |       |          |
| Internal Standards            |                |      |                      |        |       |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 162557               | 25.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 66969                | 25.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 8432                 | 25.000 | ug/L  | 0.00     |
|                               |                |      |                      |        |       |          |
| System Monitoring Compounds   |                |      |                      |        |       |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 113512               | 34.700 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 138.800%  |        |       |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 83566                | 35.239 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 140.960%  |        |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.027          | 65   | 41674                | 30.107 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = 120.440%# |        |       |          |
| 21) 2-Butanone-d5             | 7.081          | 46   | 19399                | 22.631 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 45.260%   |        |       |          |
| 24) Chloroform-d              | 7.648          | 84   | 133080               | 27.427 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = 109.720%  |        |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 51999m               | 20.957 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = 83.840%   |        |       |          |
| 32) Benzene-d6                | 8.276          | 84   | 278366               | 59.017 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = 236.080%# |        |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 76379                | 54.929 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = 219.720%# |        |       |          |
| 41) Toluene-d8                | 10.325         | 98   | 169318               | 41.028 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = 164.120%# |        |       |          |
| 43) trans-1,3-Dichloroprop... | 10.581         | 79   | 12991                | 24.160 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = 96.640%   |        |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 9698                 | 37.432 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 74.860%   |        |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 28706                | 25.098 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = 100.400%  |        |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 9600                 | 32.480 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = 129.920%# |        |       |          |
|                               |                |      |                      |        |       |          |
| Target Compounds              |                |      |                      |        |       |          |
| 14) Carbon disulfide          | 4.393          | 76   | 5252                 | 0.750  | ug/L  | 96       |
| 34) Trichloroethene           | 9.093          | 95   | 6908                 | 5.472  | ug/L  | 91       |
| 42) Toluene                   | 10.386         | 91   | 3469                 | 0.710  | ug/L  | 93       |
| 46) Tetrachloroethene         | 10.861         | 164  | 6992                 | 7.769  | ug/L  | 93       |
| -----                         |                |      |                      |        |       |          |

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

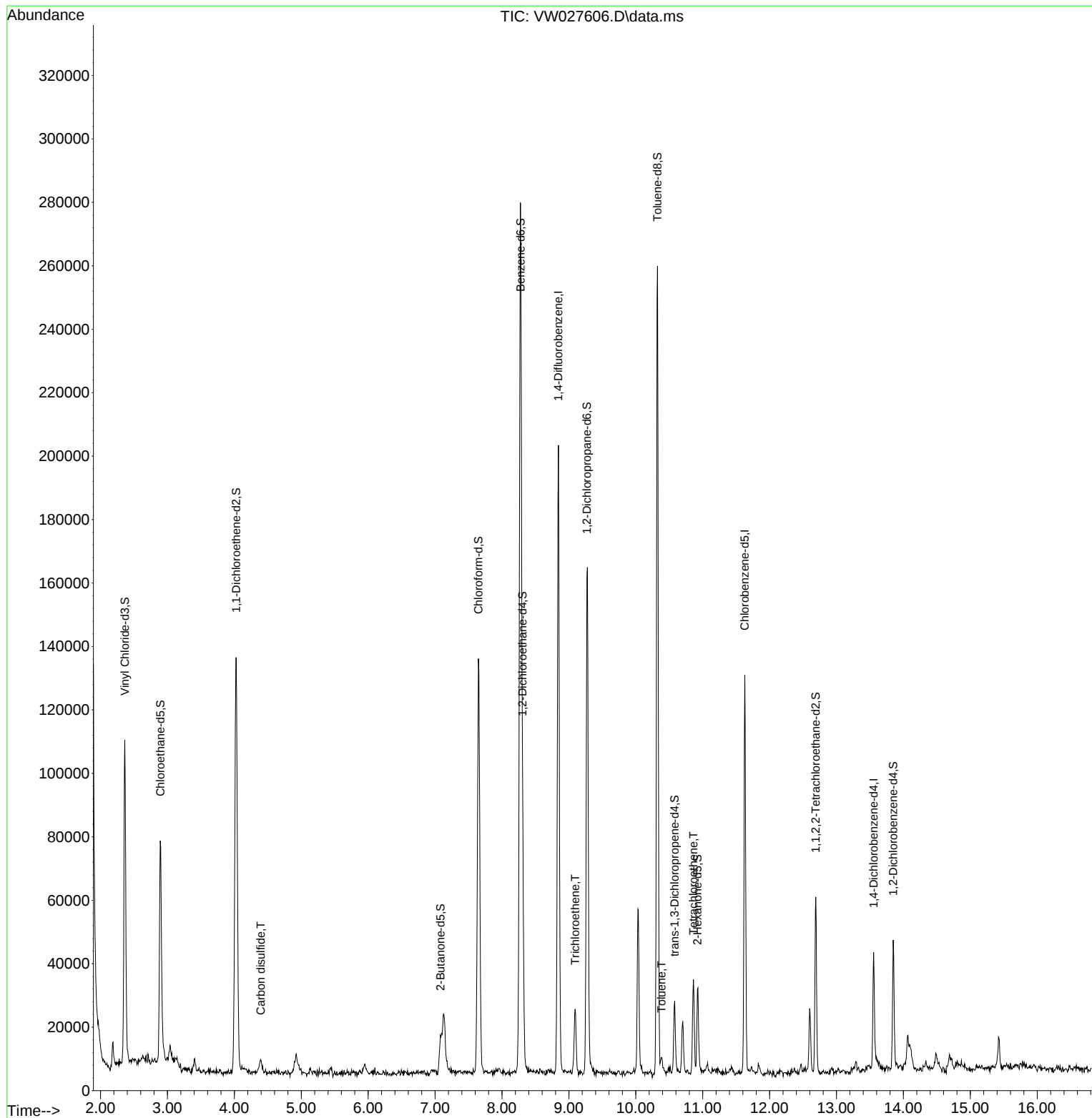
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121323\  
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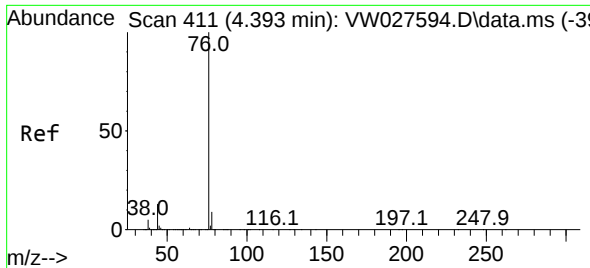
Instrument :  
MSVOA\_W  
ClientSampleId :  
E0LR2

Quant Time: Dec 14 00:20:52 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120623SMA.M  
Quant Title : SFAM01.0  
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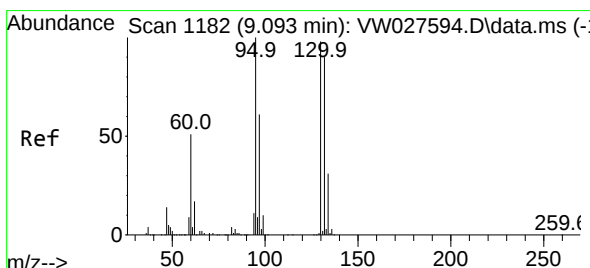
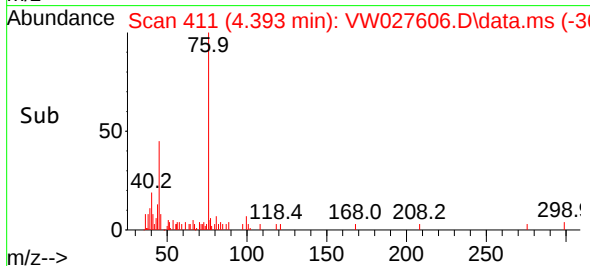
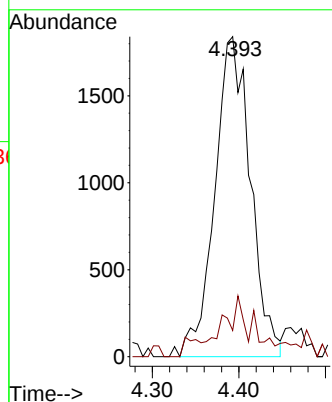
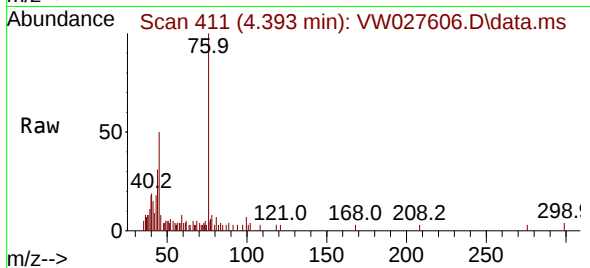
#14  
Carbon disulfide  
Concen: 0.750 ug/L  
RT: 4.393 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VW027606.D  
Acq: 13 Dec 2023 19:48

Instrument :  
MSVOA\_W  
ClientSampleId :  
E0LR2

Tgt Ion: 76 Resp: 525  
Ion Ratio Lower Upper  
76 100  
78 8.2 7.8 11.6

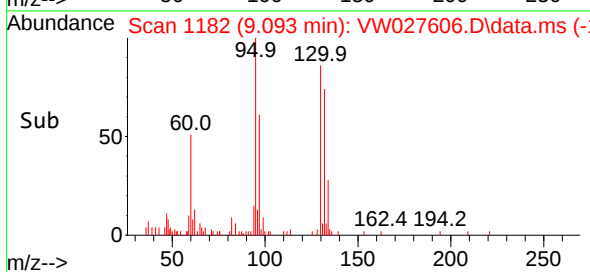
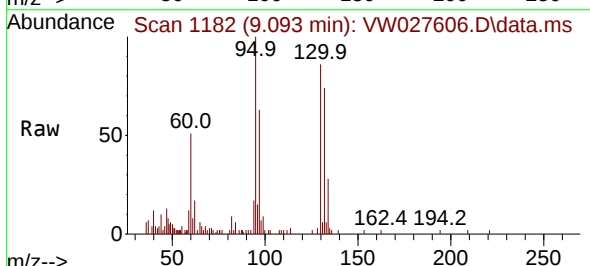
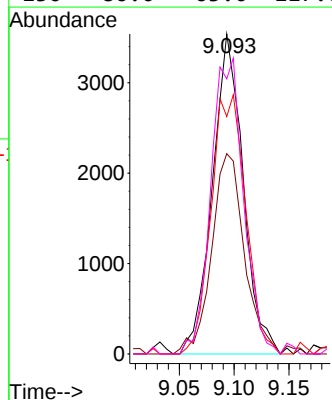
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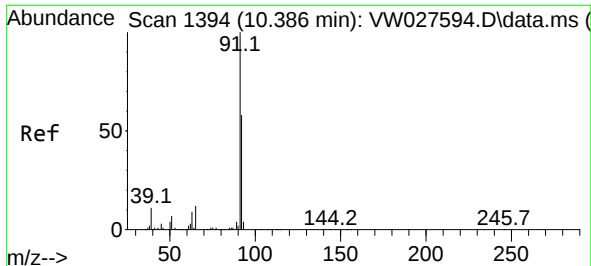
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#34  
Trichloroethene  
Concen: 5.472 ug/L  
RT: 9.093 min Scan# 1182  
Delta R.T. 0.000 min  
Lab File: VW027606.D  
Acq: 13 Dec 2023 19:48

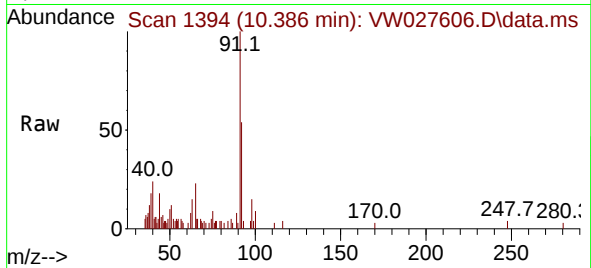
Tgt Ion: 95 Resp: 6908  
Ion Ratio Lower Upper  
95 100  
97 62.6 43.0 80.0  
132 74.2 64.1 119.1  
130 86.0 63.0 117.0





#42  
Toluene  
Concen: 0.710 ug/L  
RT: 10.386 min Scan# 1394  
Delta R.T. 0.000 min  
Lab File: VW027606.D  
Acq: 13 Dec 2023 19:48

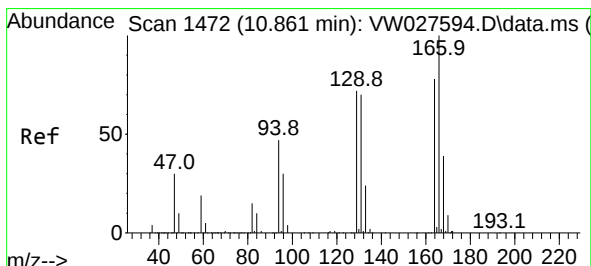
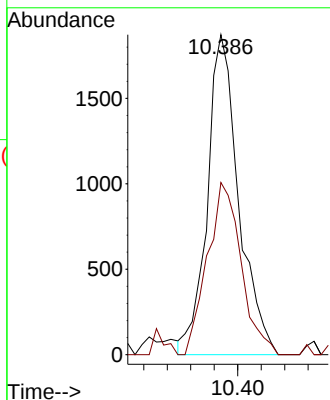
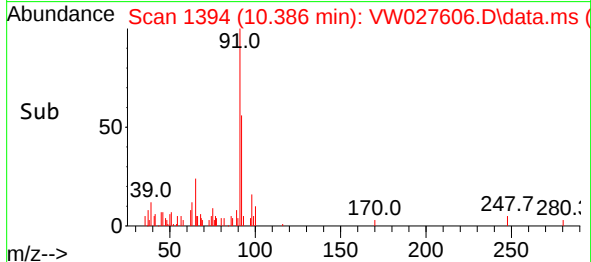
Instrument :  
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ClientSampleId :  
E0LR2



Tgt Ion: 91 Resp: 3469  
Ion Ratio Lower Upper  
91 100  
92 53.8 41.4 76.8

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#46  
Tetrachloroethene  
Concen: 7.769 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VW027606.D  
Acq: 13 Dec 2023 19:48

Tgt Ion:164 Resp: 6992  
Ion Ratio Lower Upper  
164 100  
129 96.5 71.0 131.8  
131 80.5 61.2 113.6  
166 114.6 86.6 160.8

