

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042324\  
 Data File : VW028522.D  
 Acq On : 23 Apr 2024 16:09  
 Operator : SY/MD  
 Sample : P2238-02  
 Misc : 4.01g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E1CX6

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/24/2024  
 Supervised By :Mahesh Dadoda 04/24/2024

Quant Time: Apr 24 01:25:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Apr 24 01:22:53 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 192595     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 168435     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.550         | 152  | 69321      | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.357          | 65   | 62544      | 20.256   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 81.040%  |       |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 53331      | 22.789   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 91.160%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 28210      | 21.575   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 86.320%  |       |          |
| 21) 2-Butanone-d5             | 7.094          | 46   | 8742m      | 15.131   | ug/L  | 0.01     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 30.260%  |       |          |
| 24) Chloroform-d              | 7.673          | 84   | 6038       | 1.201    | ug/L  | 0.02     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 4.800%#  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 63288m     | 24.232   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 96.920%  |       |          |
| 32) Benzene-d6                | 8.276          | 84   | 229655     | 24.958   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 99.840%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 67952      | 24.845   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 99.360%  |       |          |
| 41) Toluene-d8                | 10.319         | 98   | 193746     | 23.156   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 92.640%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 21786      | 20.032   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 80.120%  |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 3003m      | 7.926    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 15.860%# |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 0.000          | 84   | 0d         | 0.000    | ug/L  |          |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 0.000%#  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.849         | 152  | 53659      | 24.476   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 97.920%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       |          |
| 13) Acetone                   | 4.137          | 43   | 4875       | 6.872    | ug/L  | 97       |
| 16) Methylene chloride        | 4.923          | 84   | 13635      | 4.679    | ug/L  | 91       |
| 25) Chloroform                | 7.673          | 83   | 109752     | 21.329   | ug/L  | 92       |
| 34) Trichloroethene           | 9.093          | 95   | 36924      | 12.938   | ug/L  | 97       |
| -----                         |                |      |            |          |       |          |

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

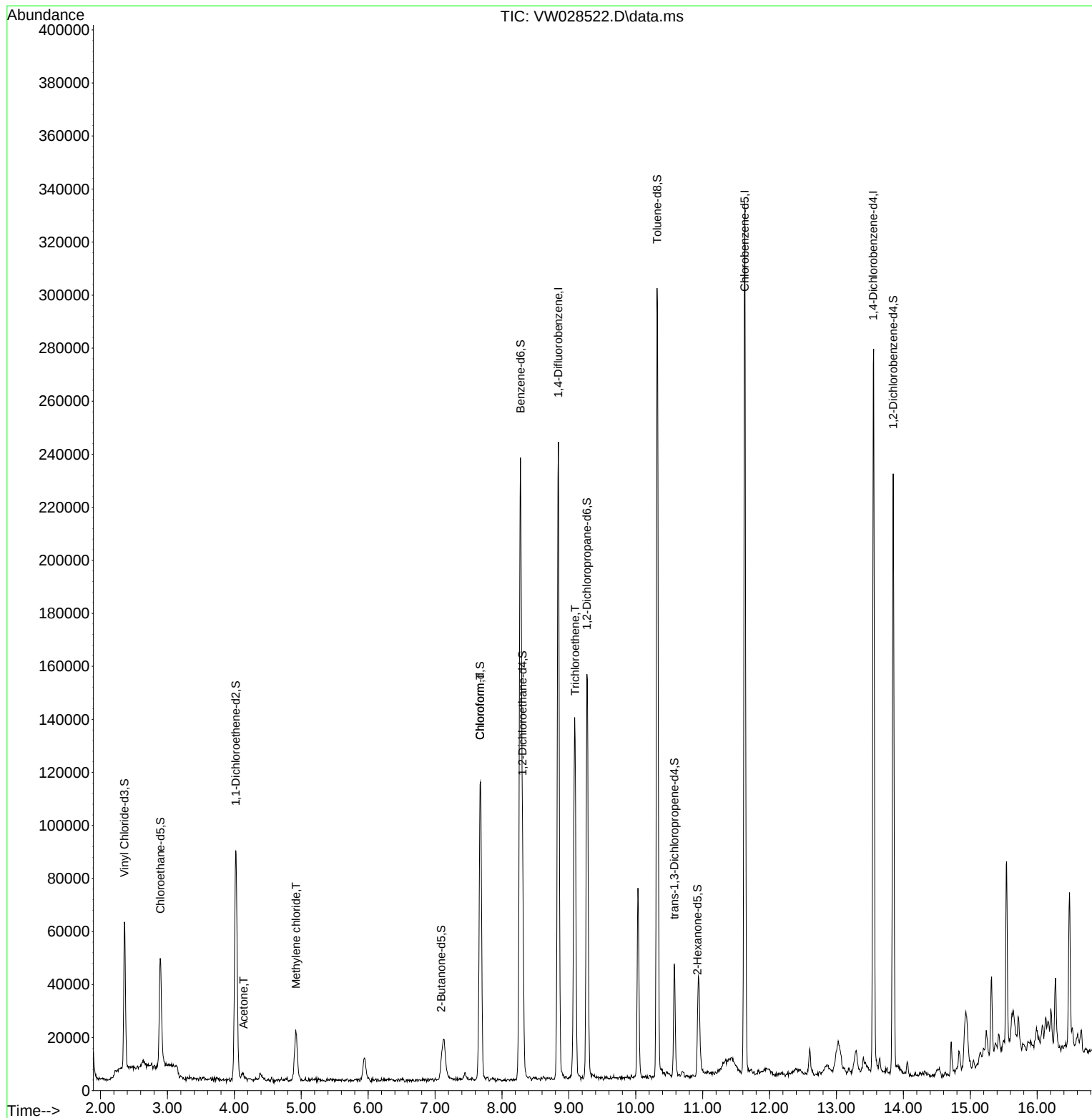
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042324\  
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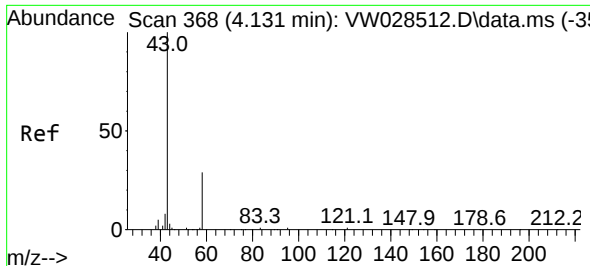
Instrument :  
MSVOA\_W  
ClientSampleId :  
E1CX6

Quant Time: Apr 24 01:25:13 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
Quant Title : SFAM01.0  
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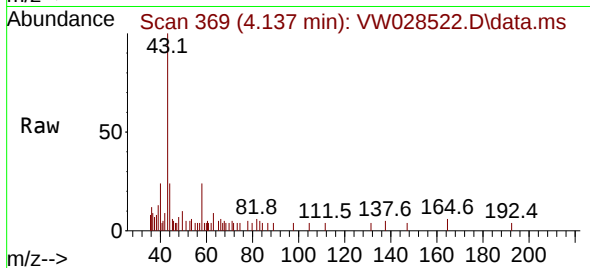
Reviewed By :Semsettin Yesilyurt 04/24/2024  
Supervised By :Mahesh Dadoda 04/24/2024





#13  
Acetone  
Concen: 6.872 ug/L  
RT: 4.137 min Scan# 369  
Delta R.T. 0.006 min  
Lab File: VW028522.D  
Acq: 23 Apr 2024 16:09

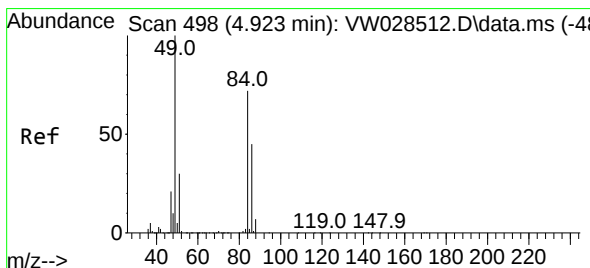
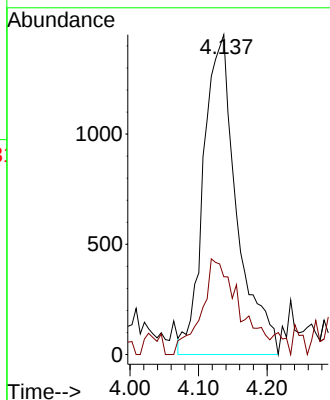
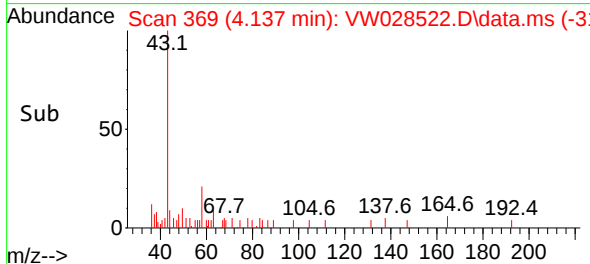
Instrument :  
MSVOA\_W  
ClientSampleId :  
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Tgt Ion: 43 Resp: 487  
Ion Ratio Lower Upper  
43 100  
58 28.2 0.0 53.4

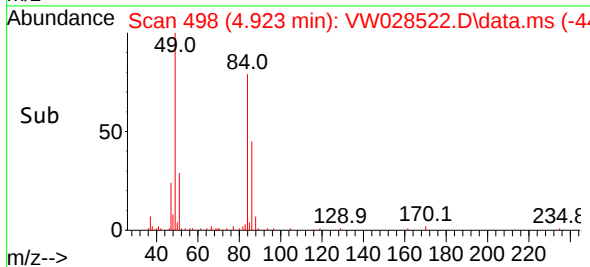
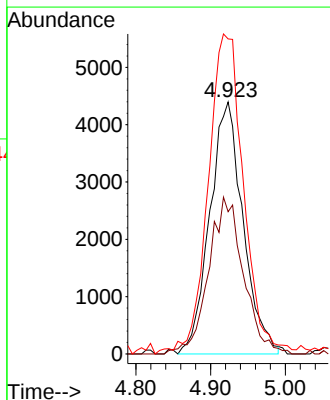
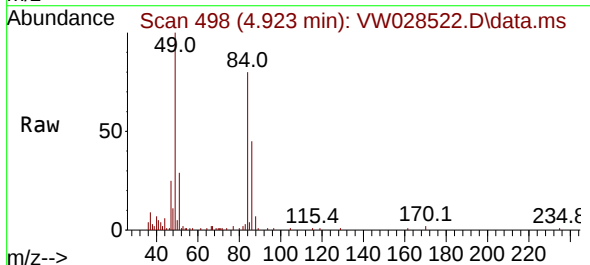
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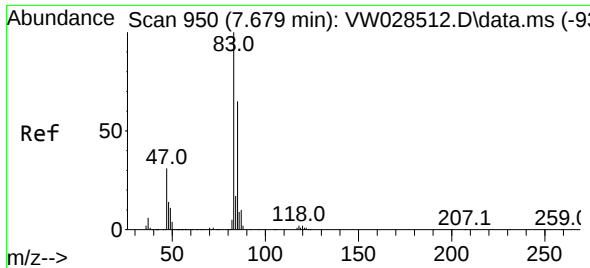
Reviewed By :Semsettin Yesilyurt 04/24/2024  
Supervised By :Mahesh Dadoda 04/24/2024



#16  
Methylene chloride  
Concen: 4.679 ug/L  
RT: 4.923 min Scan# 498  
Delta R.T. 0.000 min  
Lab File: VW028522.D  
Acq: 23 Apr 2024 16:09

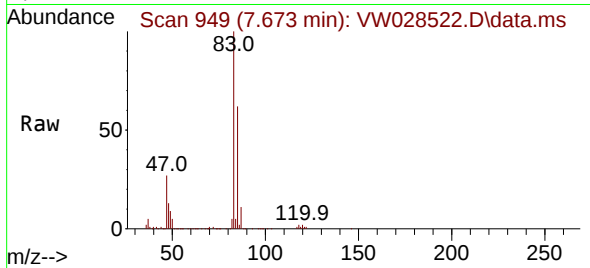
Tgt Ion: 84 Resp: 13635  
Ion Ratio Lower Upper  
84 100  
86 56.4 44.2 82.0  
49 125.0 95.0 176.4





#25  
Chloroform  
Concen: 21.329 ug/L  
RT: 7.673 min Scan# 949  
Delta R.T. -0.006 min  
Lab File: VW028522.D  
Acq: 23 Apr 2024 16:09

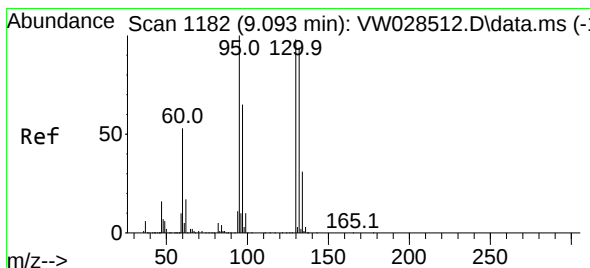
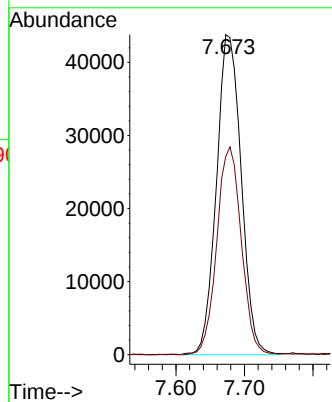
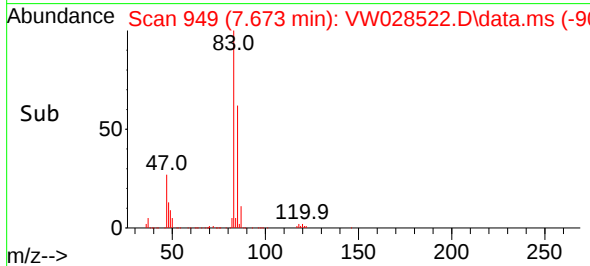
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Tgt Ion: 83 Resp: 109752  
Ion Ratio Lower Upper  
83 100  
85 62.0 47.7 88.7

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#34  
Trichloroethene  
Concen: 12.938 ug/L  
RT: 9.093 min Scan# 1182  
Delta R.T. 0.000 min  
Lab File: VW028522.D  
Acq: 23 Apr 2024 16:09

Tgt Ion: 95 Resp: 36924  
Ion Ratio Lower Upper  
95 100  
97 64.3 43.8 81.4  
132 95.8 66.1 122.8  
130 99.4 67.0 124.4

