

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072224\  
 Data File : VW029680.D  
 Acq On : 22 Jul 2024 13:50  
 Operator : SY/MD  
 Sample : P3298-14  
 Misc : 5.91g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BHB44

Manual Integrations  
 APPROVED

Reviewed By :Romaben Patel 07/23/2024  
 Supervised By :Mahesh Dadoda 07/24/2024

Quant Time: Jul 22 14:35:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 19 23:16:32 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 376308     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 358238     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 166959     | 25.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 77543      | 12.756  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 51.040% |       |          |
| 7) Chloroethane-d5            | 2.899          | 69   | 68092      | 15.556  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 62.240% |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 39454      | 14.453  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 57.800% |       |          |
| 21) 2-Butanone-d5             | 7.075          | 46   | 58889      | 32.271  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 64.540% |       |          |
| 24) Chloroform-d              | 7.654          | 84   | 191853     | 17.635  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 70.560% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 114424     | 17.932  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 71.720% |       |          |
| 32) Benzene-d6                | 8.276          | 84   | 357576     | 16.662  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 66.640% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 123720     | 18.031  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 72.120% |       |          |
| 41) Toluene-d8                | 10.325         | 98   | 310980     | 16.477  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 65.920% |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 44227      | 15.221  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 60.880% |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 41810      | 33.532  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 67.060% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 96863      | 17.387  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 69.560% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 109348     | 18.806  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 75.240% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 16) Methylene chloride        | 4.917          | 84   | 26789m     | 3.976   | ug/L  |          |
| 20) cis-1,2-Dichloroethene    | 7.179          | 96   | 9929       | 1.753   | ug/L  | 99       |
| 34) Trichloroethene           | 9.093          | 95   | 2086       | 0.352   | ug/L  | 87       |
| 46) Tetrachloroethene         | 10.861         | 164  | 6350       | 1.510   | ug/L  | 85       |
| -----                         |                |      |            |         |       |          |

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

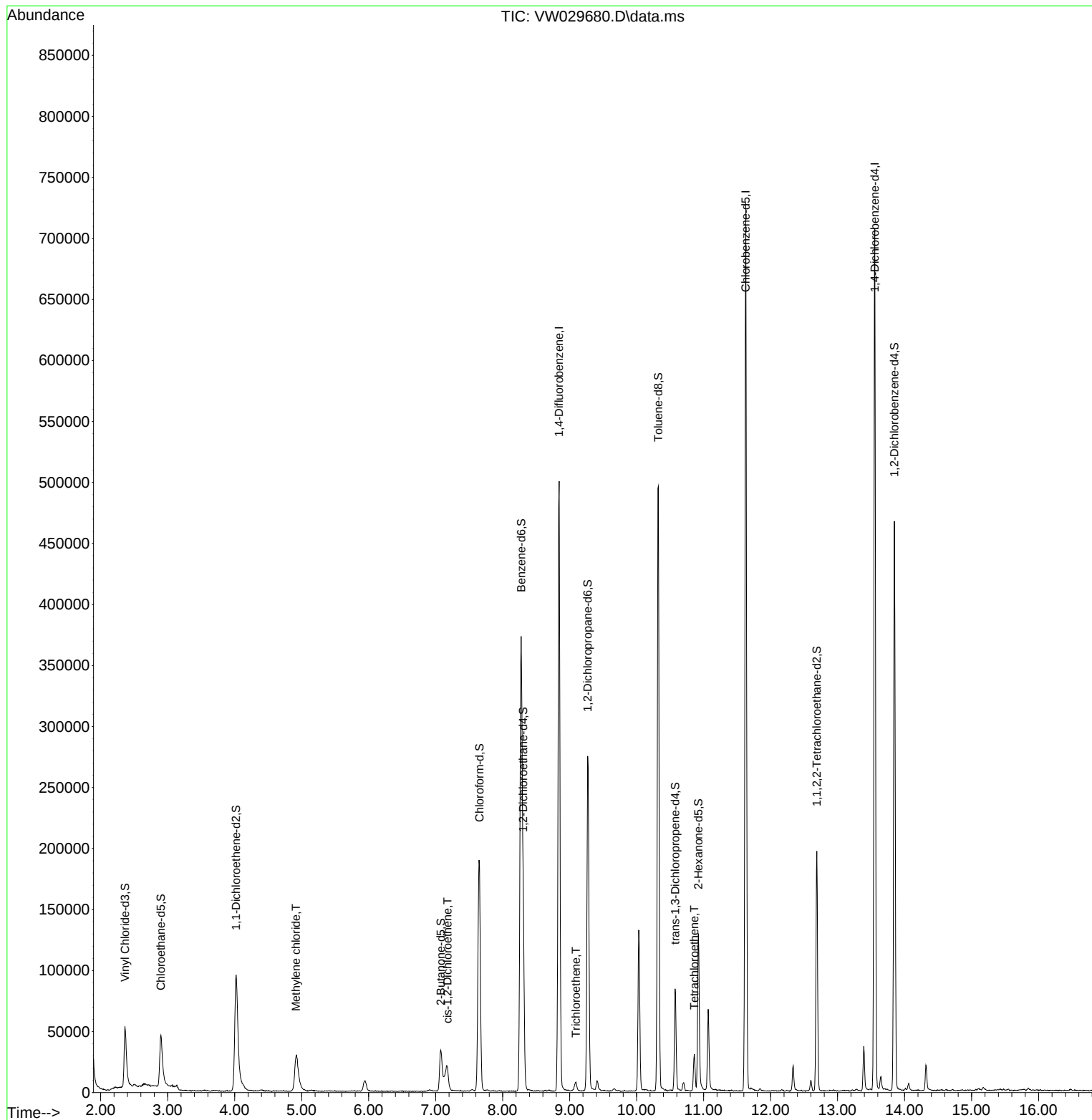
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072224\  
Data File : VW029680.D  
Acq On : 22 Jul 2024 13:50  
Operator : SY/MD  
Sample : P3298-14  
Misc : 5.91g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 11 Sample Multiplier: 1

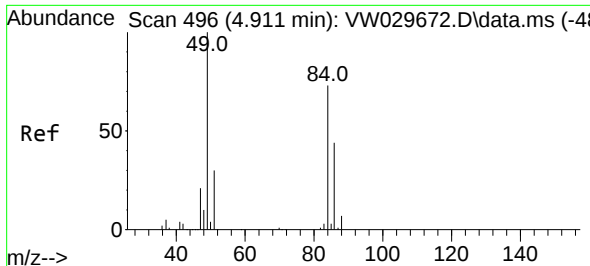
Instrument :  
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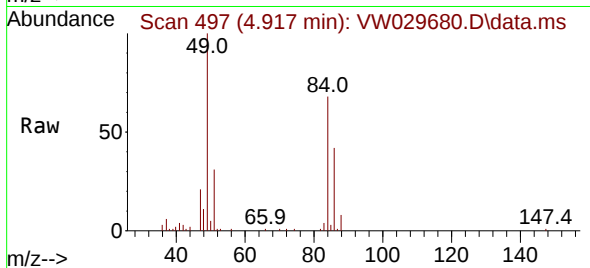
Quant Time: Jul 22 14:35:14 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070824SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Jul 19 23:16:32 2024  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 3.976 ug/L m  
RT: 4.917 min Scan# 496  
Delta R.T. -0.006 min  
Lab File: VW029680.D  
Acq: 22 Jul 2024 13:50

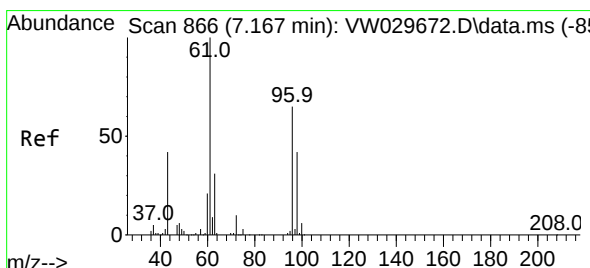
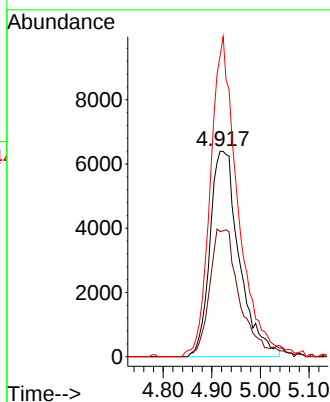
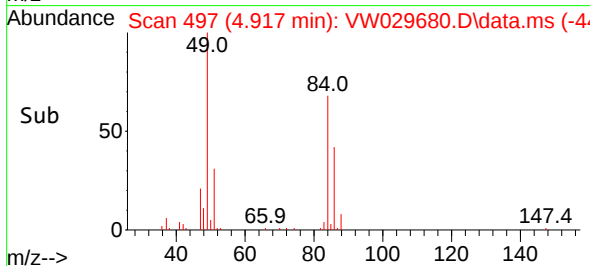
Instrument :  
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Tgt Ion: 84 Resp: 26789  
Ion Ratio Lower Upper  
84 100  
86 60.9 46.2 85.8  
49 146.6 96.7 179.7

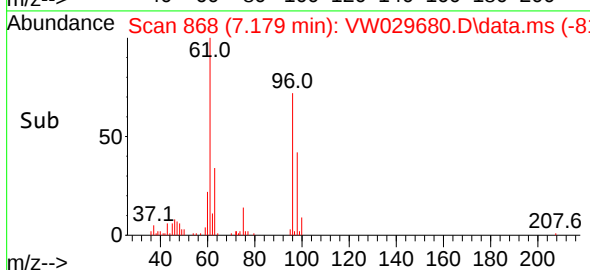
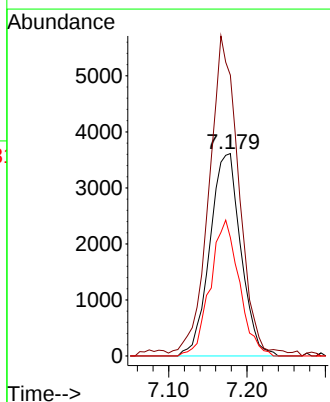
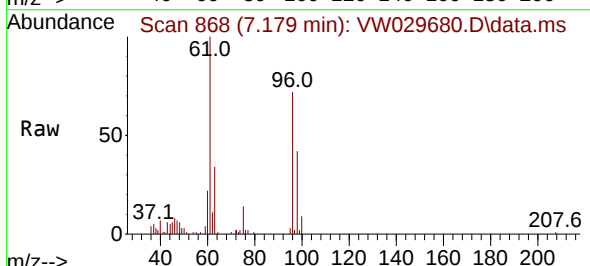
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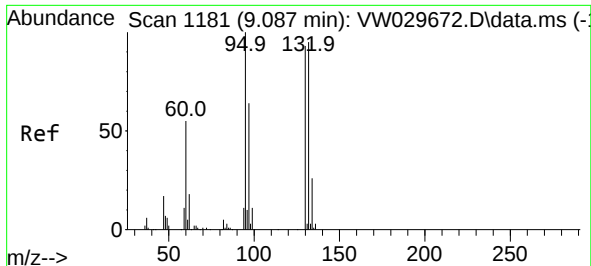
Reviewed By :Romaben Patel 07/23/2024  
Supervised By :Mahesh Dadoda 07/24/2024



#20  
cis-1,2-Dichloroethene  
Concen: 1.753 ug/L  
RT: 7.179 min Scan# 868  
Delta R.T. 0.012 min  
Lab File: VW029680.D  
Acq: 22 Jul 2024 13:50

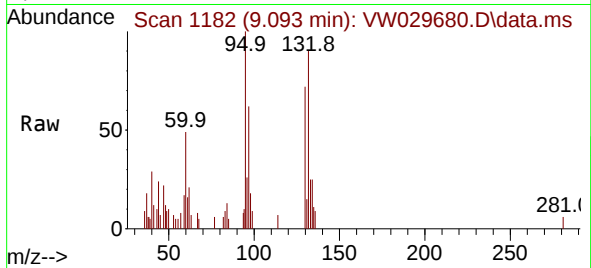
Tgt Ion: 96 Resp: 9929  
Ion Ratio Lower Upper  
96 100  
61 138.8 97.4 180.8  
98 58.5 41.6 77.2





#34  
Trichloroethene  
Concen: 0.352 ug/L  
RT: 9.093 min Scan# 1181  
Delta R.T. -0.000 min  
Lab File: VW029680.D  
Acq: 22 Jul 2024 13:50

Instrument :  
MSVOA\_W  
ClientSampleId :  
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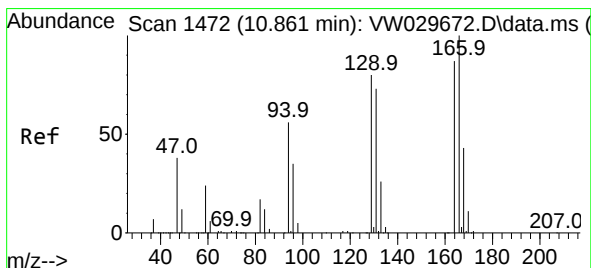
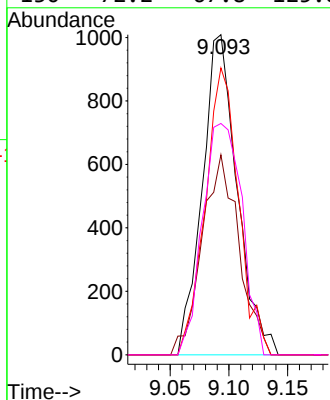
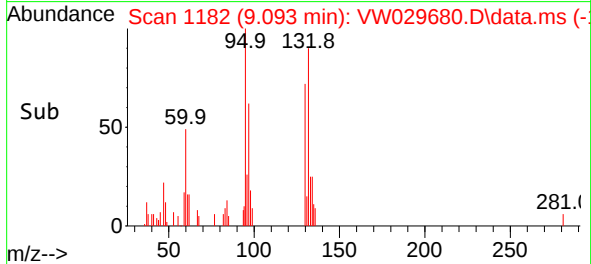


Tgt Ion: 95 Resp: 2080

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 62.4  | 47.3  | 87.9  |
| 132 | 89.6  | 65.8  | 122.2 |
| 130 | 72.2  | 67.8  | 125.8 |

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#46  
Tetrachloroethene  
Concen: 1.510 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VW029680.D  
Acq: 22 Jul 2024 13:50

Tgt Ion:164 Resp: 6350

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 104.6 | 60.0  | 111.4 |
| 131 | 101.3 | 64.6  | 120.0 |
| 166 | 131.3 | 80.4  | 149.2 |

