

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122324\  
 Data File : VW031514.D  
 Acq On : 23 Dec 2024 17:58  
 Operator : SY/MD  
 Sample : P5322-18  
 Misc : 6.00g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YE635

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024  
 Supervised By :Mahesh Dadoda 12/25/2024

Quant Time: Dec 24 00:19:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Dec 24 00:12:57 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.837          | 114  | 1006826    | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 846006     | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.550         | 152  | 384914     | 25.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.357          | 65   | 309897     | 20.457  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 81.840% |        |          |
| 7) Chloroethane-d5            | 2.899          | 69   | 243974     | 21.772  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 87.080% |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.015          | 65   | 143735m    | 20.003  | ug/L   | -0.01    |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 80.000% |        |          |
| 21) 2-Butanone-d5             | 7.100          | 46   | 117822     | 41.299  | ug/L   | -0.01    |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 82.600% |        |          |
| 24) Chloroform-d              | 7.648          | 84   | 557345     | 20.204  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 80.800% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 310842     | 22.437  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 89.760% |        |          |
| 32) Benzene-d6                | 8.270          | 84   | 1147495    | 21.162  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 84.640% |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 337988     | 21.387  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 85.560% |        |          |
| 41) Toluene-d8                | 10.318         | 98   | 1010508    | 20.032  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 80.120% |        |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 129335     | 17.749  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 71.000% |        |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 92786      | 43.658  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 87.320% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 232142     | 23.396  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 93.600% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 305689     | 21.392  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 85.560% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        |          |
| 12) 1,1-Dichloroethene        | 4.027          | 96   | 7677       | 0.622   | ug/L # | 1        |
| 20) cis-1,2-Dichloroethene    | 7.167          | 96   | 61702      | 4.286   | ug/L   | 94       |
| 34) Trichloroethene           | 9.093          | 95   | 12276      | 0.832   | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 10.215         | 43   | 6896       | 0.997   | ug/L   | 95       |
| -----                         |                |      |            |         |        |          |

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

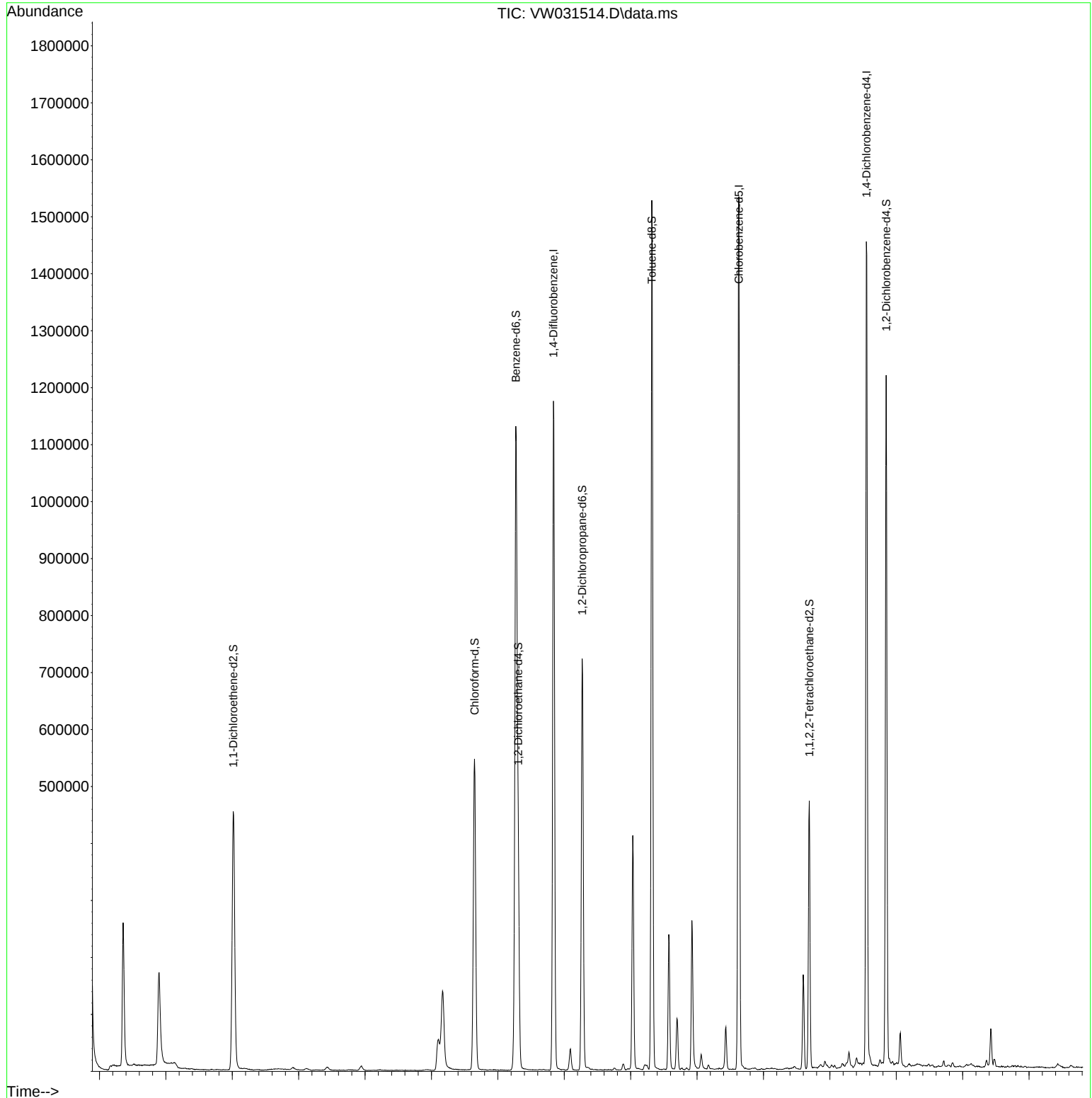
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122324\  
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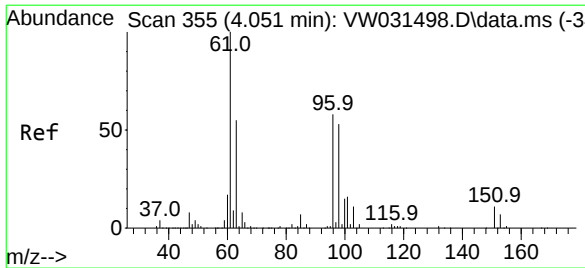
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Quant Title : SFAM01.0  
QLast Update : Tue Dec 24 00:12:57 2024  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.622 ug/L

RT: 4.027 min Scan# 35

Delta R.T. -0.024 min

Lab File: VW031514.D

Acq: 23 Dec 2024 17:58

Instrument :

MSVOA\_W

ClientSampleId :

YE635

Tgt Ion: 96 Resp: 7677

Ion Ratio Lower Upper

96 100

61 756.6 125.3 232.7#

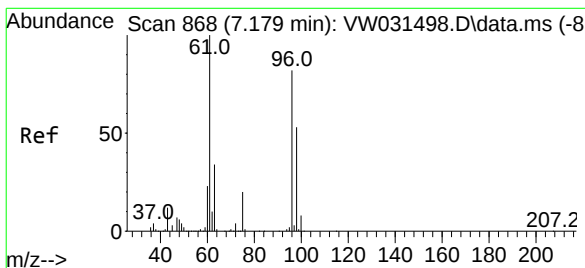
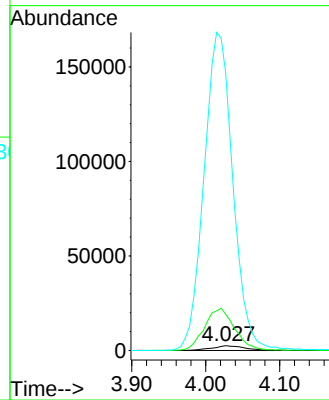
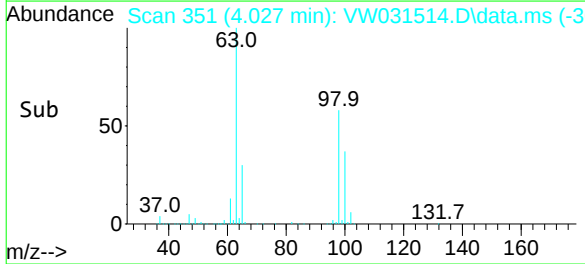
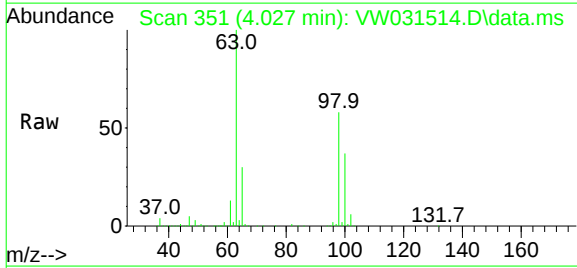
63 5769.0 104.6 194.2

Manual Integrations

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#20

cis-1,2-Dichloroethene

Concen: 4.286 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.012 min

Lab File: VW031514.D

Acq: 23 Dec 2024 17:58

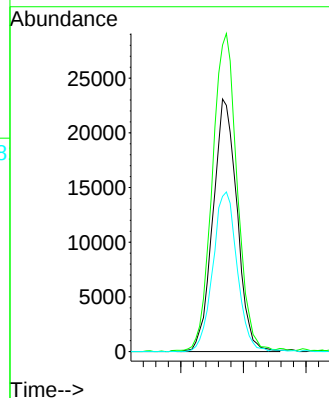
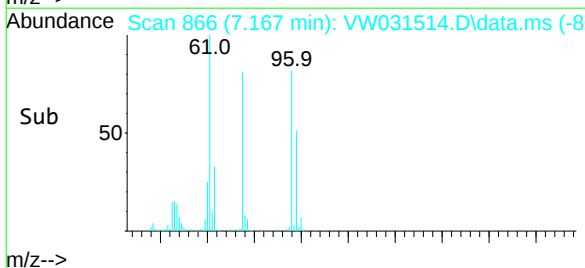
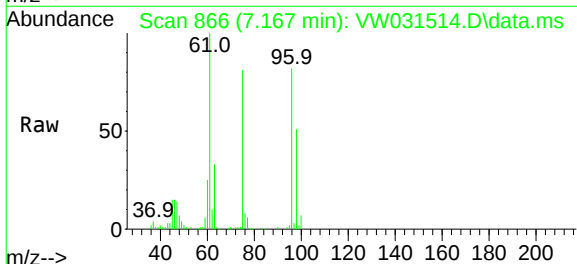
Tgt Ion: 96 Resp: 61702

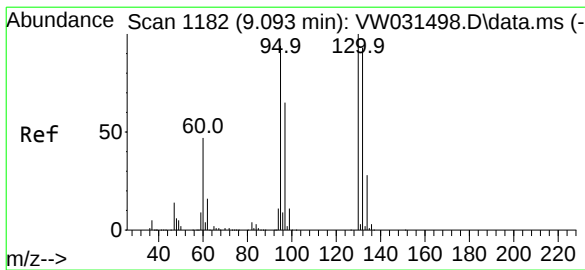
Ion Ratio Lower Upper

96 100

61 121.3 92.2 171.2

98 61.4 43.7 81.1





#34

Trichloroethene

Concen: 0.832 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW031514.D

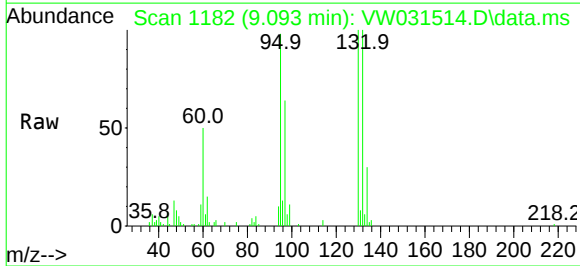
Acq: 23 Dec 2024 17:58

Instrument :

MSVOA\_W

ClientSampleId :

YE635



Tgt Ion: 95 Resp: 12276

Ion Ratio Lower Upper

95 100

97 65.3 46.5 86.3

132 101.9 70.3 130.5

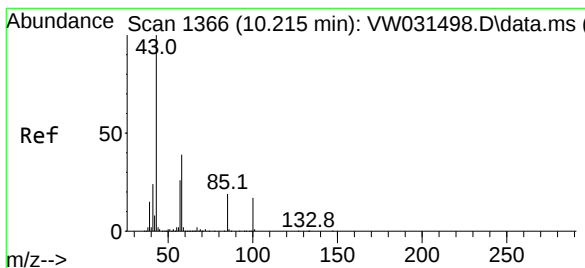
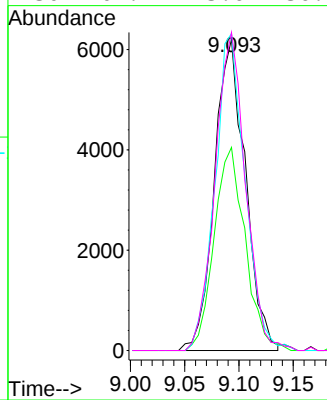
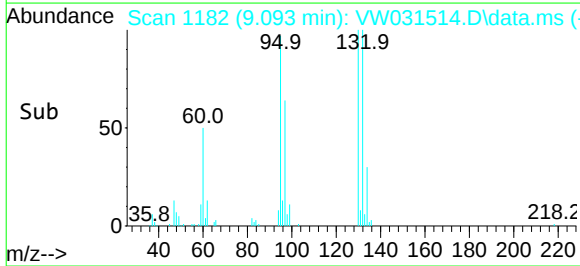
130 102.2 73.6 136.8

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#40

4-Methyl-2-pentanone

Concen: 0.997 ug/L

RT: 10.215 min Scan# 1366

Delta R.T. 0.000 min

Lab File: VW031514.D

Acq: 23 Dec 2024 17:58

Tgt Ion: 43 Resp: 6896

Ion Ratio Lower Upper

43 100

58 42.7 31.1 46.7

100 16.7 13.0 19.6

