

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061923\  
 Data File : VW026249.D  
 Acq On : 19 Jun 2023 15:55  
 Operator : SY/MD  
 Sample : 03307-20  
 Misc : 5.03g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YBW37

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/20/2023  
 Supervised By :Mahesh Dadoda 06/26/2023

Quant Time: Jun 20 03:18:19 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        | 8.843          | 114  | 859990     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 715908     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 276664     | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 189131     | 15.633   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 62.520%  |        |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 184840     | 20.410   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 81.640%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 105853     | 17.744   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 70.960%  |        |          |
| 21) 2-Butanone-d5             | 7.075          | 46   | 203629     | 57.813   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 115.620% |        |          |
| 24) Chloroform-d              | 7.648          | 84   | 520834     | 20.681   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 82.720%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 307814m    | 22.353   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 89.400%  |        |          |
| 32) Benzene-d6                | 8.270          | 84   | 1006272    | 20.889   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 83.560%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 347705     | 22.783   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 91.120%  |        |          |
| 41) Toluene-d8                | 10.319         | 98   | 832167     | 19.479   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 77.920%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 113975     | 18.846   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 75.400%  |        |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 125218     | 52.035   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 104.080% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 283446     | 25.523   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 102.080% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 229557     | 21.678   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 86.720%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 4.045          | 96   | 325268     | 29.706   | ug/L # | 74       |
| 16) Methylene chloride        | 4.917          | 84   | 63910      | 4.656    | ug/L   | 95       |
| 19) 1,1-Dichloroethane        | 6.210          | 63   | 20293      | 0.811    | ug/L # | 93       |
| 30) 1,1,1-Trichloroethane     | 7.868          | 97   | 71860      | 4.136    | ug/L   | 97       |
| 34) Trichloroethene           | 9.093          | 95   | 9906       | 0.789    | ug/L   | 92       |
| -----                         |                |      |            |          |        |          |

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

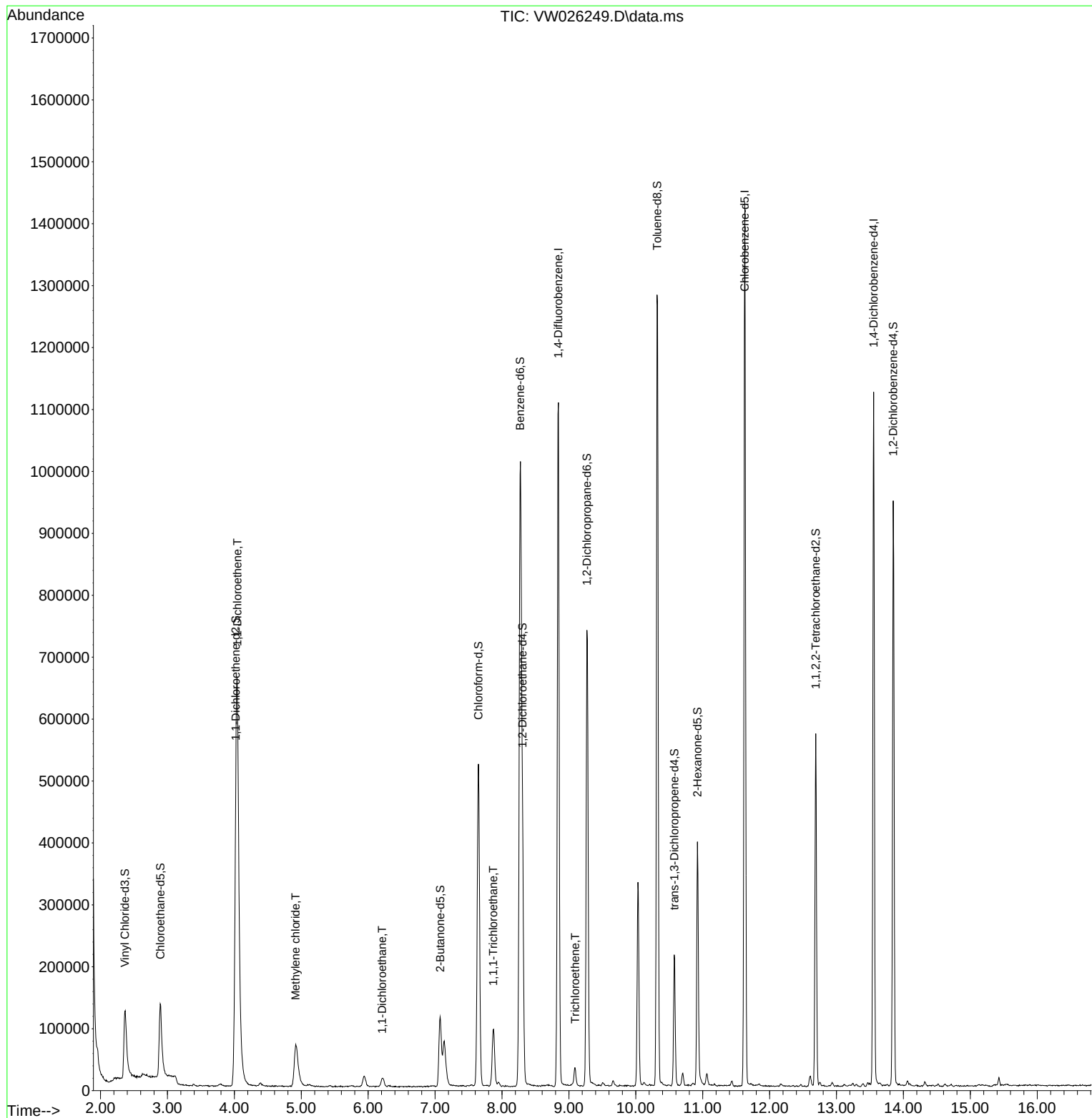
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061923\  
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Acq On : 19 Jun 2023 15:55  
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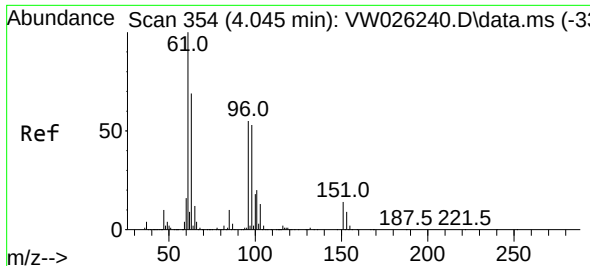
Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
Quant Title : SFAM01.0  
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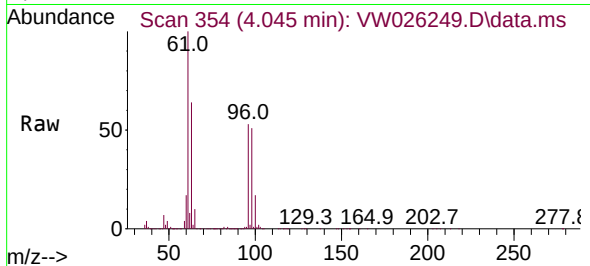
Reviewed By :Semsettin Yesilyurt 06/20/2023  
Supervised By :Mahesh Dadoda 06/26/2023





#12  
1,1-Dichloroethene  
Concen: 29.706 ug/L  
RT: 4.045 min Scan# 354  
Delta R.T. -0.000 min  
Lab File: VW026249.D  
Acq: 19 Jun 2023 15:55

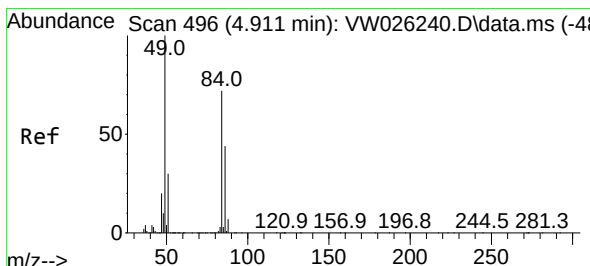
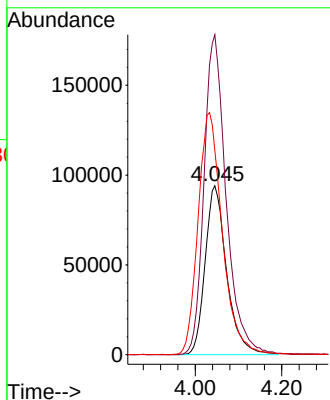
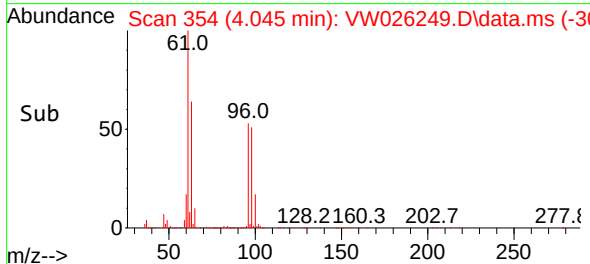
Instrument :  
MSVOA\_W  
ClientSampleId :  
YBW37



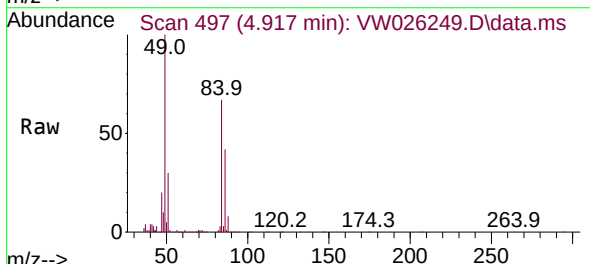
Tgt Ion: 96 Resp: 32526  
Ion Ratio Lower Upper  
96 100  
61 189.4 140.6 261.0  
63 120.9 131.7 244.5

Manual Integrations  
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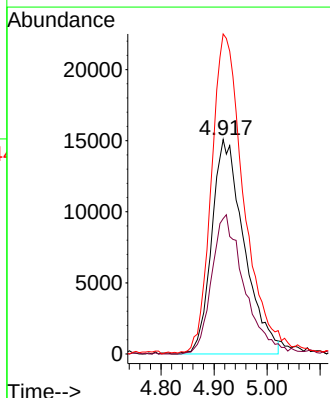
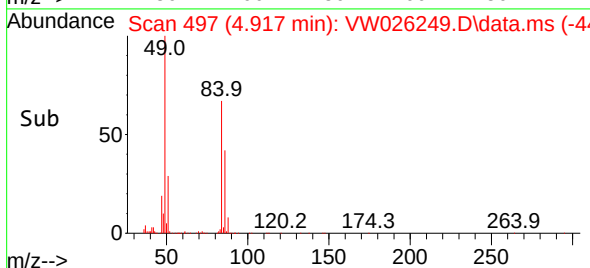
Reviewed By :Semsettin Yesilyurt 06/20/2023  
Supervised By :Mahesh Dadoda 06/26/2023

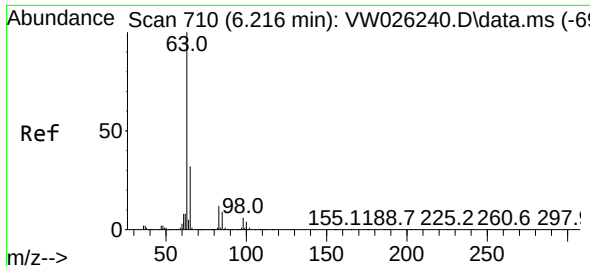


#16  
Methylene chloride  
Concen: 4.656 ug/L  
RT: 4.917 min Scan# 497  
Delta R.T. -0.000 min  
Lab File: VW026249.D  
Acq: 19 Jun 2023 15:55



Tgt Ion: 84 Resp: 63910  
Ion Ratio Lower Upper  
84 100  
86 63.1 44.2 82.0  
49 149.3 98.8 183.6





#19

1,1-Dichloroethane

Concen: 0.811 ug/L

RT: 6.210 min Scan# 709

Delta R.T. -0.006 min

Lab File: VW026249.D

Acq: 19 Jun 2023 15:55

Instrument :

MSVOA\_W

ClientSampleId :

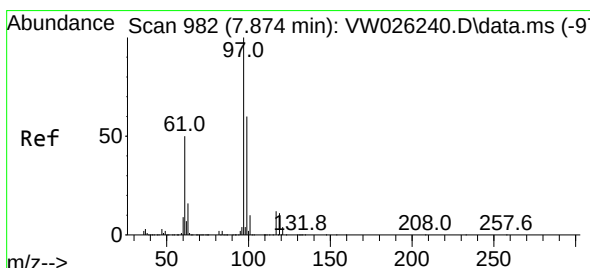
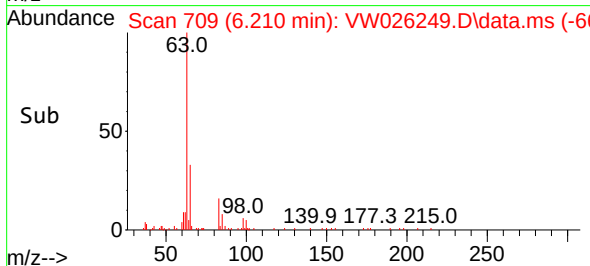
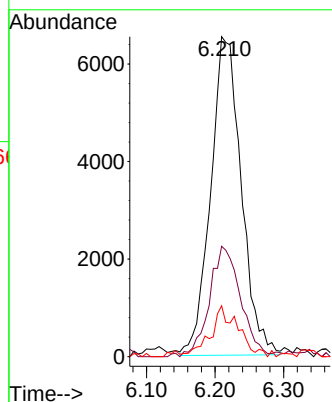
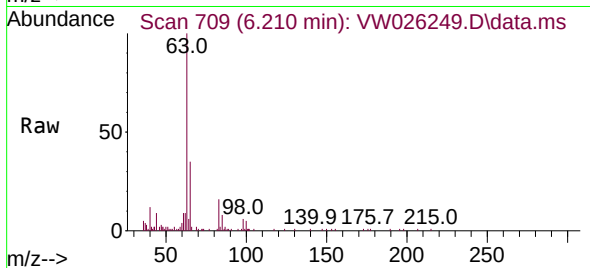
YBW37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 2029  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 34.5  | 22.3  | 41.5  |
| 83       | 17.9  | 9.1   | 16.9  |

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#30

1,1,1-Trichloroethane

Concen: 4.136 ug/L

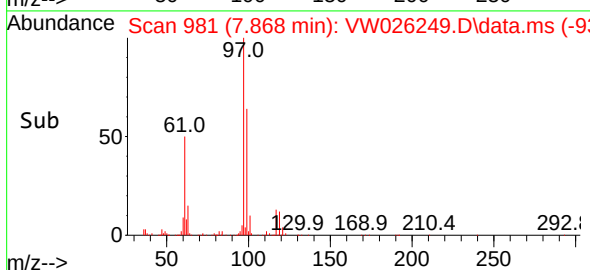
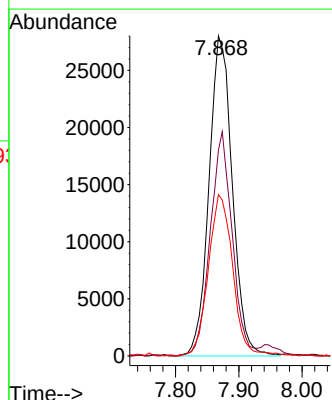
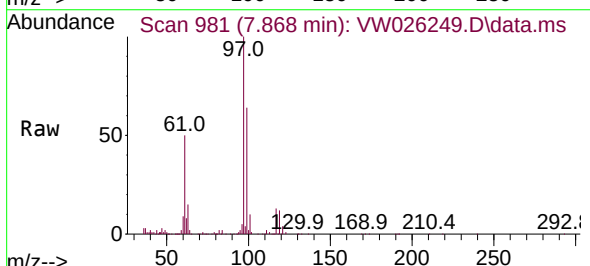
RT: 7.868 min Scan# 981

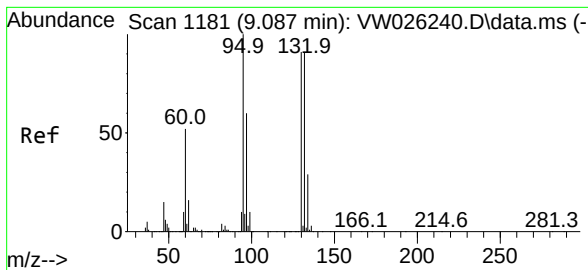
Delta R.T. -0.000 min

Lab File: VW026249.D

Acq: 19 Jun 2023 15:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 71860 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 65.9  | 50.6  | 76.0  |
| 61       | 52.7  | 40.5  | 60.7  |





#34

Trichloroethene

Concen: 0.789 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026249.D

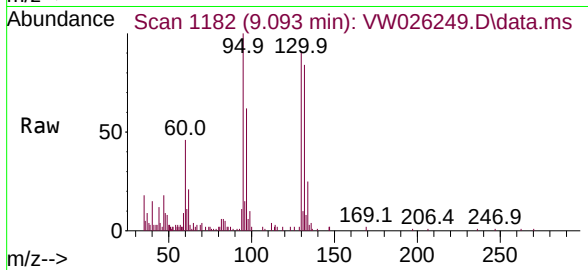
Acq: 19 Jun 2023 15:55

Instrument :

MSVOA\_W

ClientSampleId :

YBW37



Tgt Ion: 95 Resp: 990

Ion Ratio Lower Upper

95 100

97 62.3 45.9 85.3

132 84.2 67.1 124.7

130 91.2 68.0 126.2

Manual Integrations

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