

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061623\  
 Data File : VW026234.D  
 Acq On : 16 Jun 2023 17:41  
 Operator : SY/MD  
 Sample : 03307-06  
 Misc : 5.90g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YBW09

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/19/2023  
 Supervised By :Mahesh Dadoda 06/22/2023

Quant Time: Jun 17 00:07:31 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  | 849947     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 742944     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 315851     | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 207029     | 17.315   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 69.240%  |        |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 194482     | 21.728   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 86.920%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 108902     | 18.471   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 73.880%  |        |          |
| 21) 2-Butanone-d5             | 7.081          | 46   | 213857     | 61.434   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 122.860% |        |          |
| 24) Chloroform-d              | 7.648          | 84   | 538552     | 21.638   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 86.560%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 313408m    | 23.028   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 92.120%  |        |          |
| 32) Benzene-d6                | 8.276          | 84   | 1051917    | 21.042   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 84.160%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 358582     | 22.641   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 90.560%  |        |          |
| 41) Toluene-d8                | 10.325         | 98   | 890914     | 20.095   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 80.400%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 122736     | 19.556   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 78.240%  |        |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 139092     | 55.697   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 111.400% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 303216     | 26.309   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 105.240% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 262828     | 21.740   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 86.960%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 4.045          | 96   | 13381      | 1.237    | ug/L # | 1        |
| 13) Acetone                   | 4.131          | 43   | 13129      | 4.874    | ug/L   | 98       |
| 16) Methylene chloride        | 4.923          | 84   | 100438     | 7.404    | ug/L   | 100      |
| 20) cis-1,2-Dichloroethene    | 7.173          | 96   | 94874      | 7.377    | ug/L   | 98       |
| 34) Trichloroethene           | 9.093          | 95   | 68764      | 5.277    | ug/L   | 98       |
| -----                         |                |      |            |          |        |          |

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

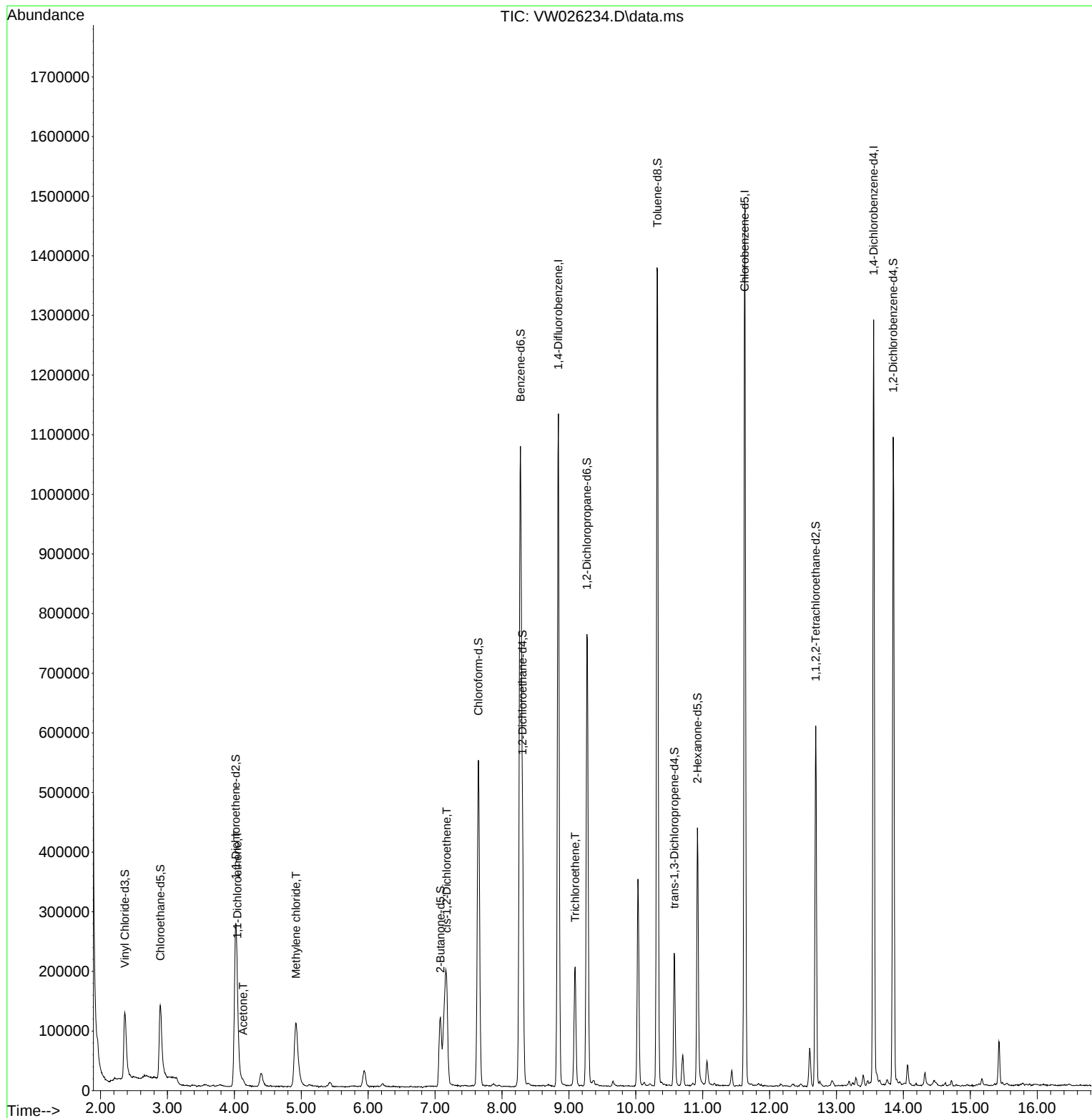
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061623\  
Data File : VW026234.D  
Acq On : 16 Jun 2023 17:41  
Operator : SY/MD  
Sample : 03307-06  
Misc : 5.90g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

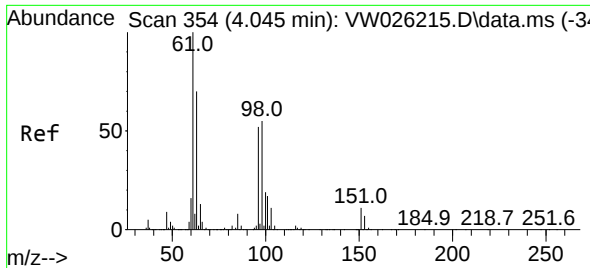
Instrument :  
MSVOA\_W  
ClientSampleId :  
YBW09

Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 06/19/2023  
Supervised By :Mahesh Dadoda 06/22/2023

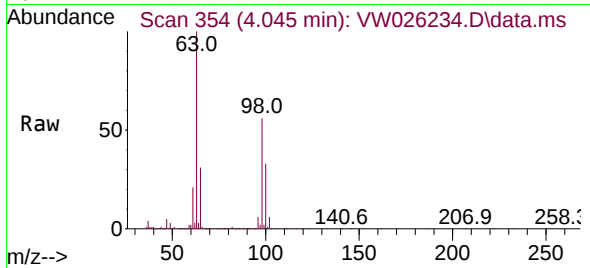
Quant Time: Jun 17 00:07:31 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Jun 16 23:58:43 2023  
Response via : Initial Calibration





#12  
 1,1-Dichloroethene  
 Concen: 1.237 ug/L  
 RT: 4.045 min Scan# 354  
 Delta R.T. -0.000 min  
 Lab File: VW026234.D  
 Acq: 16 Jun 2023 17:41

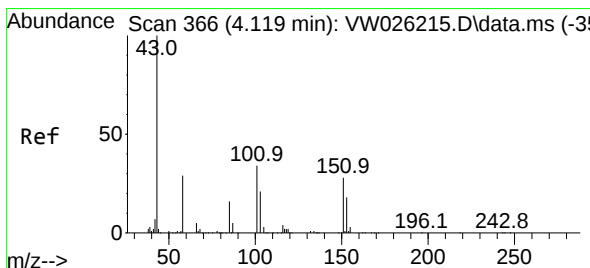
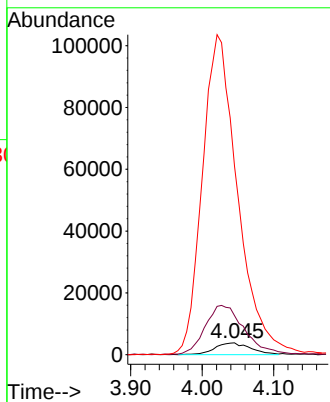
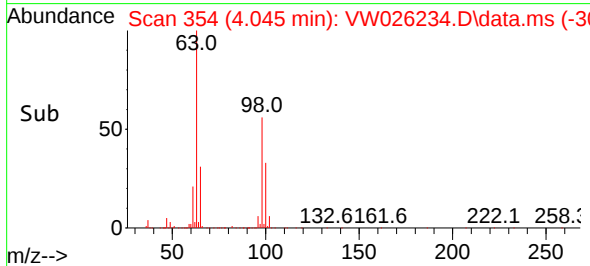
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YBW09



Tgt Ion: 96 Resp: 1338  
 Ion Ratio Lower Upper  
 96 100  
 61 330.6 140.6 261.0  
 63 1592.5 131.7 244.1

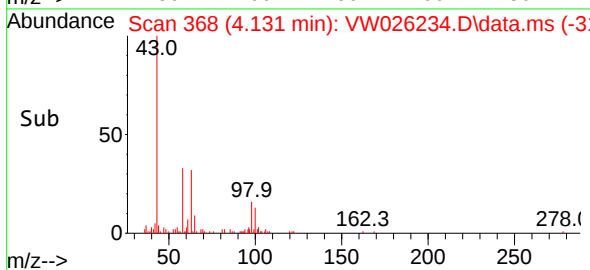
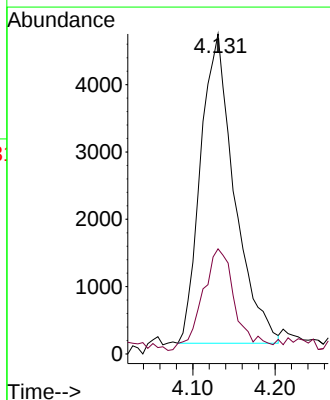
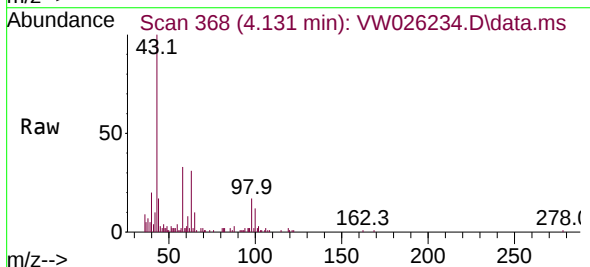
Manual Integrations  
 APPROVED

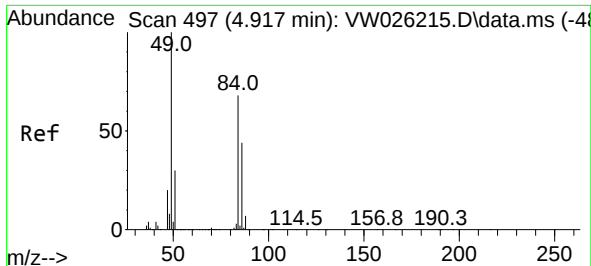
Reviewed By :Semsettin Yesilyurt 06/19/2023  
 Supervised By :Mahesh Dadoda 06/22/2023



#13  
 Acetone  
 Concen: 4.874 ug/L  
 RT: 4.131 min Scan# 368  
 Delta R.T. 0.012 min  
 Lab File: VW026234.D  
 Acq: 16 Jun 2023 17:41

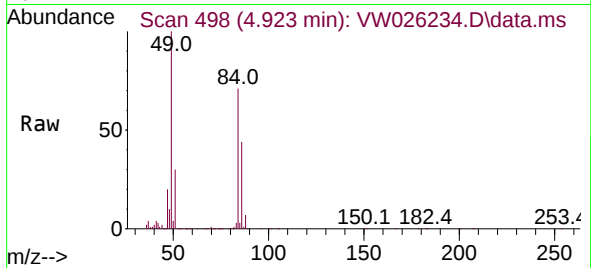
Tgt Ion: 43 Resp: 13129  
 Ion Ratio Lower Upper  
 43 100  
 58 30.3 0.0 58.2





#16  
Methylene chloride  
Concen: 7.404 ug/L  
RT: 4.923 min Scan# 498  
Delta R.T. 0.006 min  
Lab File: VW026234.D  
Acq: 16 Jun 2023 17:41

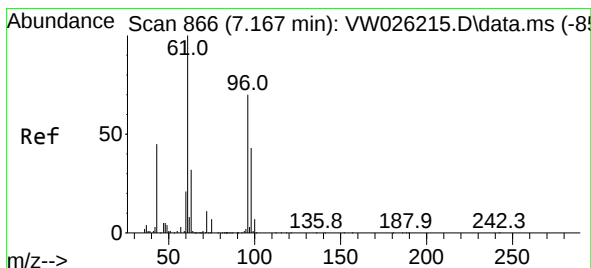
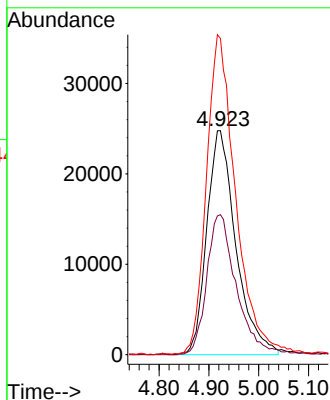
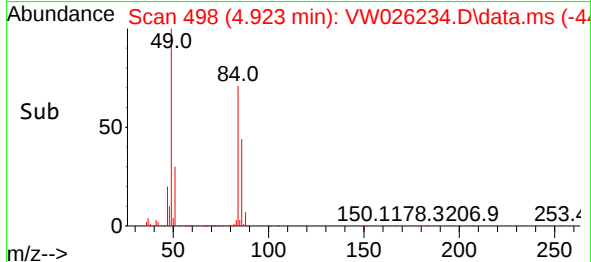
Instrument :  
MSVOA\_W  
ClientSampleId :  
YBW09



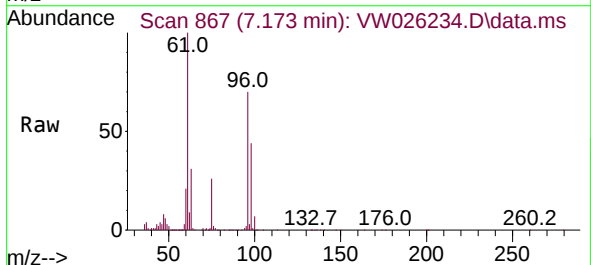
Tgt Ion: 84 Resp: 100438  
Ion Ratio Lower Upper  
84 100  
86 62.5 44.2 82.0  
49 141.1 98.8 183.6

Manual Integrations  
APPROVED

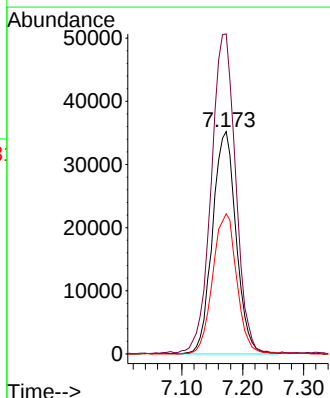
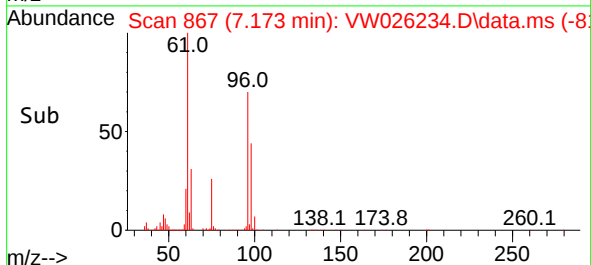
Reviewed By :Semsettin Yesilyurt 06/19/2023  
Supervised By :Mahesh Dadoda 06/22/2023

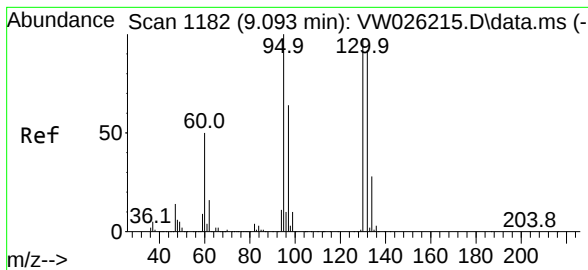


#20  
cis-1,2-Dichloroethene  
Concen: 7.377 ug/L  
RT: 7.173 min Scan# 867  
Delta R.T. 0.006 min  
Lab File: VW026234.D  
Acq: 16 Jun 2023 17:41



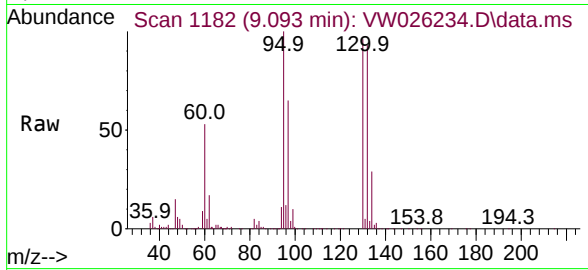
Tgt Ion: 96 Resp: 94874  
Ion Ratio Lower Upper  
96 100  
61 143.9 98.4 182.8  
98 63.0 45.2 84.0





#34  
 Trichloroethene  
 Concen: 5.277 ug/L  
 RT: 9.093 min Scan# 1182  
 Delta R.T. -0.000 min  
 Lab File: VW026234.D  
 Acq: 16 Jun 2023 17:41

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YBW09



Tgt Ion: 95 Resp: 68764

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 64.6  | 45.9  | 85.3  |
| 132 | 92.7  | 67.1  | 124.7 |
| 130 | 96.0  | 68.0  | 126.2 |

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/19/2023  
 Supervised By :Mahesh Dadoda 06/22/2023

