

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072222\  
 Data File : VW024009.D  
 Acq On : 22 Jul 2022 15:59  
 Operator : SY/VA  
 Sample : N3743-14  
 Misc : 6.54g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5D12

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/24/2022  
 Supervised By : Mahesh Dadoda 07/24/2022

Quant Time: Jul 22 23:13:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 22 23:08:43 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 235041     | 25.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 231220     | 25.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 81152      | 25.000    | ug/L   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 4) Vinyl Chloride-d3          | 2.343          | 65   | 104007     | 17.325    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 69.320%   |        |          |
| 7) Chloroethane-d5            | 2.879          | 69   | 87598      | 21.873    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 87.480%   |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.007          | 63   | 64254      | 13.144    | ug/L   | -0.01    |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 52.560%   |        |          |
| 21) 2-Butanone-d5             | 7.080          | 46   | 66356      | 71.262    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 142.520%# |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 168569     | 24.633    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 98.520%   |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 115079m    | 27.496    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 110.000%  |        |          |
| 32) Benzene-d6                | 8.269          | 84   | 291202     | 24.227    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 96.920%   |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.275          | 67   | 100709     | 27.816    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 111.280%  |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 246938     | 20.255    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 81.000%   |        |          |
| 43) trans-1,3-Dichloroprop... | 10.573         | 79   | 33890      | 19.970    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 79.880%   |        |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 52864      | 69.437    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 138.880%# |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689         | 84   | 109317     | 27.322    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 109.280%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 76603      | 26.443    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 105.760%  |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           | Qvalue |          |
| 13) Acetone                   | 4.123          | 43   | 28899      | 43.897    | ug/L   | 90       |
| 16) Methylene chloride        | 4.909          | 84   | 23258      | 6.328     | ug/L   | 96       |
| 20) cis-1,2-Dichloroethene    | 7.171          | 96   | 6154       | 1.838     | ug/L # | 85       |
| 34) Trichloroethene           | 9.092          | 95   | 10402      | 2.998     | ug/L   | 90       |
| 46) Tetrachloroethene         | 10.860         | 164  | 68981      | 25.711    | ug/L   | 96       |
| -----                         |                |      |            |           |        |          |

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

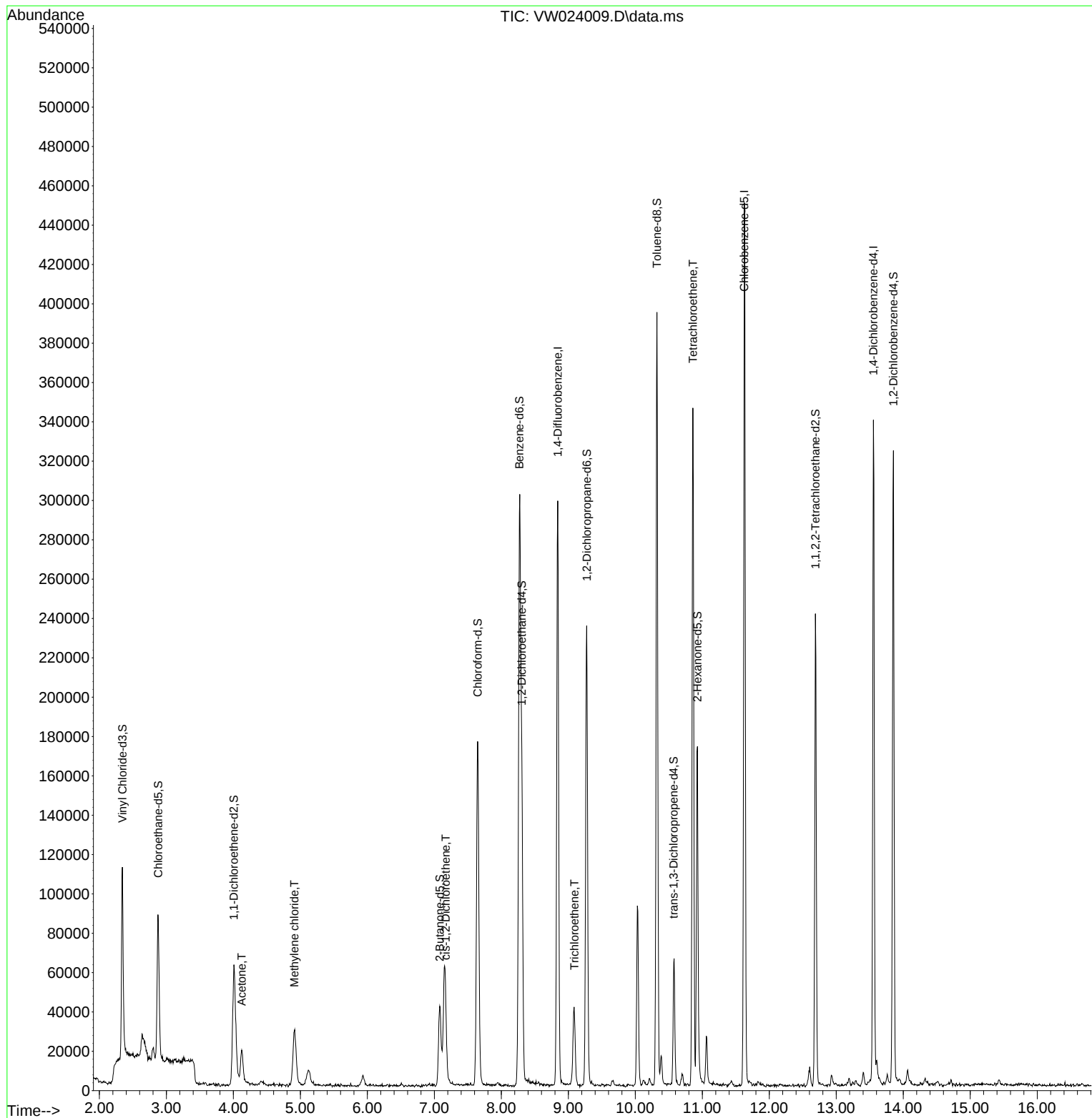
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072222\  
Data File : VW024009.D  
Acq On : 22 Jul 2022 15:59  
Operator : SY/VA  
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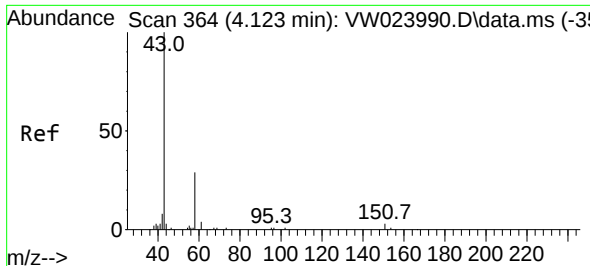
Instrument :  
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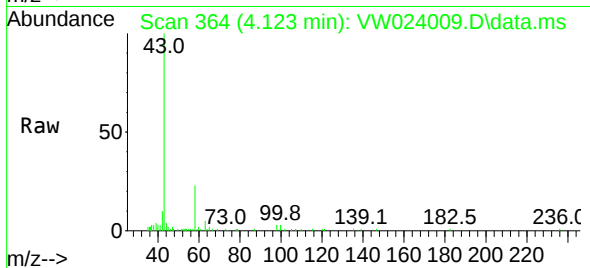
Quant Time: Jul 22 23:13:40 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Jul 22 23:08:43 2022  
Response via : Initial Calibration





#13  
Acetone  
Concen: 43.897 ug/L  
RT: 4.123 min Scan# 364  
Delta R.T. 0.000 min  
Lab File: VW024009.D  
Acq: 22 Jul 2022 15:59

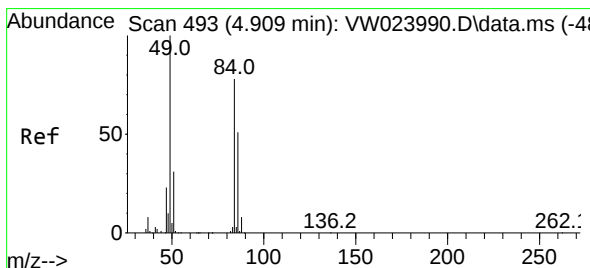
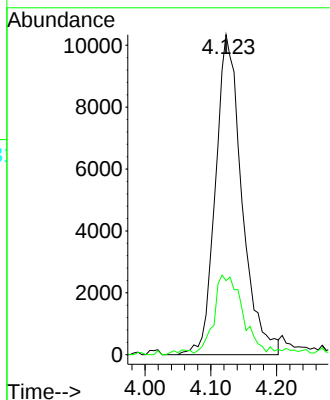
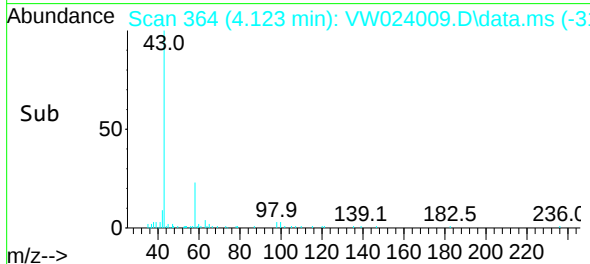
Instrument :  
MSVOA\_W  
ClientSampleId :  
F5D12



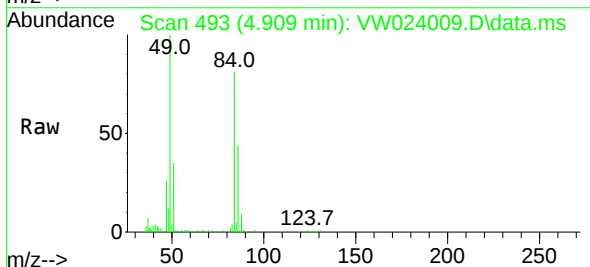
Tgt Ion: 43 Resp: 2889  
Ion Ratio Lower Upper  
43 100  
58 26.8 0.0 64.2

Manual Integrations  
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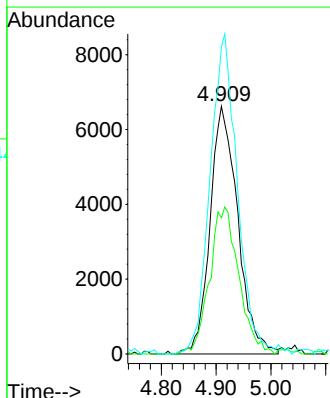
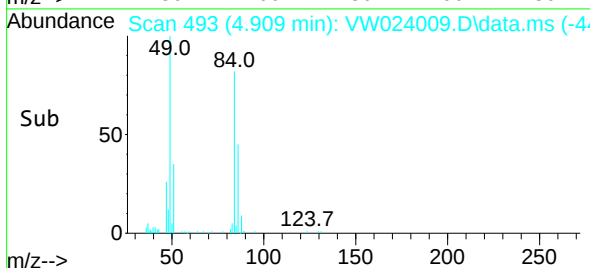
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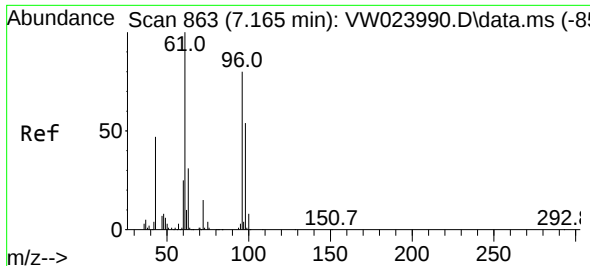


#16  
Methylene chloride  
Concen: 6.328 ug/L  
RT: 4.909 min Scan# 493  
Delta R.T. 0.000 min  
Lab File: VW024009.D  
Acq: 22 Jul 2022 15:59



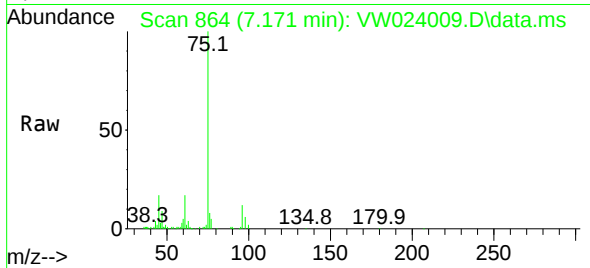
Tgt Ion: 84 Resp: 23258  
Ion Ratio Lower Upper  
84 100  
86 55.0 42.8 79.6  
49 124.0 85.4 158.6





#20  
cis-1,2-Dichloroethene  
Concen: 1.838 ug/L  
RT: 7.171 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: VW024009.D  
Acq: 22 Jul 2022 15:59

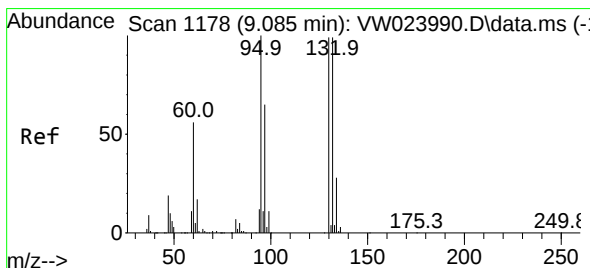
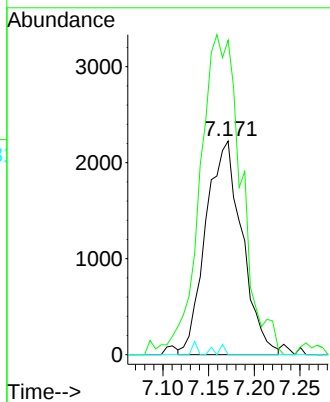
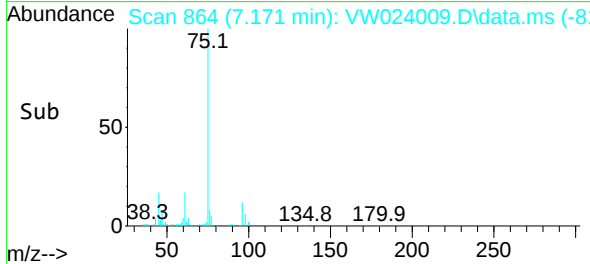
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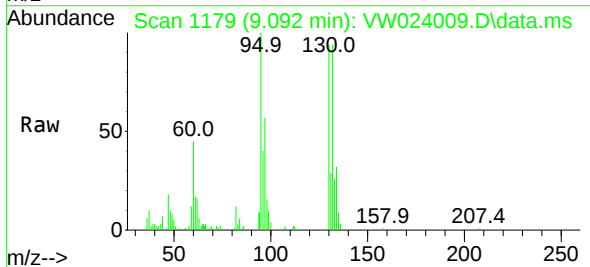
Tgt Ion: 96 Resp: 6154  
Ion Ratio Lower Upper  
96 100  
61 147.3 90.6 168.2  
68 0.0 0.2 0.4

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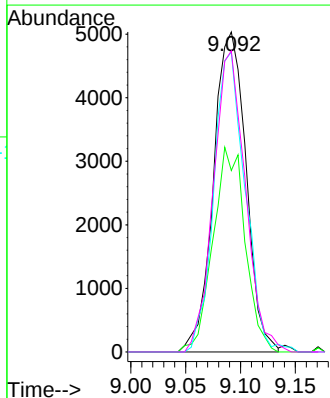
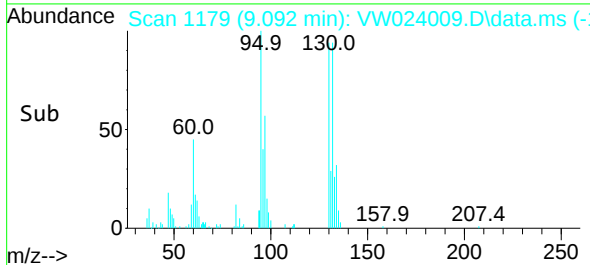
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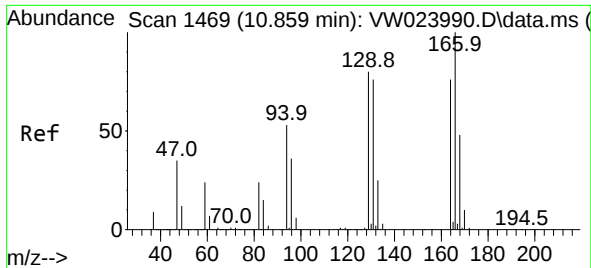


#34  
Trichloroethene  
Concen: 2.998 ug/L  
RT: 9.092 min Scan# 1179  
Delta R.T. 0.006 min  
Lab File: VW024009.D  
Acq: 22 Jul 2022 15:59



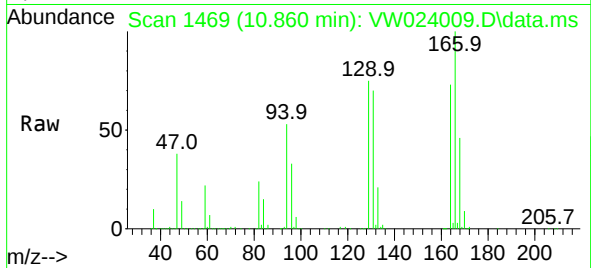
Tgt Ion: 95 Resp: 10402  
Ion Ratio Lower Upper  
95 100  
97 56.7 45.6 84.8  
132 93.7 69.9 129.7  
130 94.1 75.4 140.0





#46  
Tetrachloroethene  
Concen: 25.711 ug/L  
RT: 10.860 min Scan# 1469  
Delta R.T. 0.000 min  
Lab File: VW024009.D  
Acq: 22 Jul 2022 15:59

Instrument :  
MSVOA\_W  
ClientSampleId :  
F5D12



Tgt Ion:164 Resp: 6898  
Ion Ratio Lower Upper  
164 100  
129 102.4 72.4 134.5  
131 95.6 67.8 125.8  
166 136.7 88.9 165.1

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