

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW061222\  
 Data File : VW026189.D  
 Acq On : 13 Jun 2022 02:41  
 Operator : SY/MD  
 Sample : N3278-13 200X  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0BF4

Quant Time: Jun 13 06:39:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR061222WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Jun 13 02:52:24 2022  
 Response via : Initial Calibration

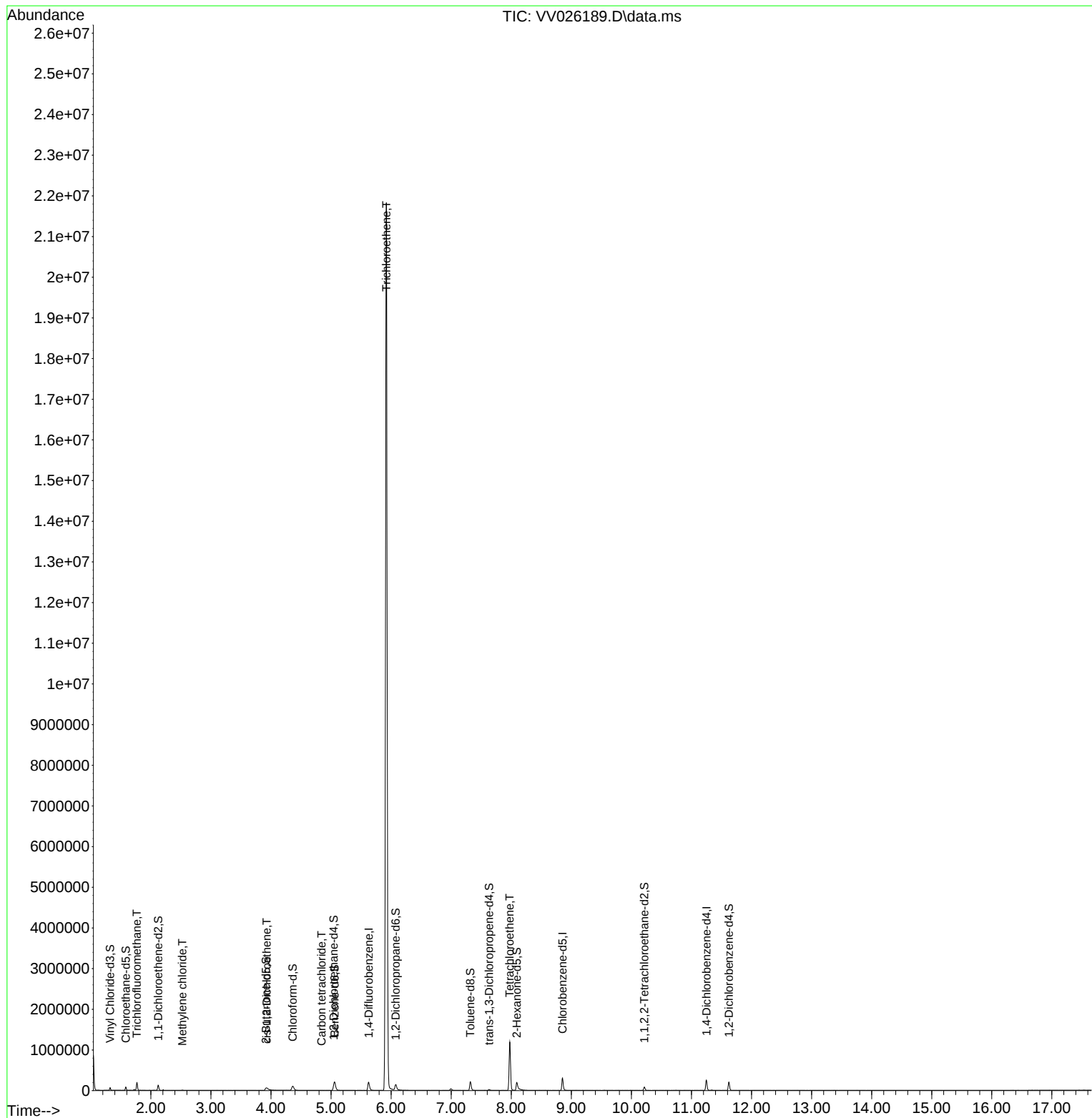
| Compound                      | R.T.   | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|---------|----------|----------|
| -----                         |        |                |          |         |          |          |
| Internal Standards            |        |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 5.625  | 114            | 180174   | 5.000   | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117            | 175711   | 5.000   | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 69137    | 5.000   | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.320  | 65             | 39981    | 1.697   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =       | 34.000%# |          |
| 7) Chloroethane-d5            | 1.584  | 69             | 50958    | 2.746   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =       | 55.000%# |          |
| 11) 1,1-Dichloroethene-d2     | 2.124  | 63             | 66624    | 1.759   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =       | 35.200%# |          |
| 20) 2-Butanone-d5             | 3.918  | 46             | 71650    | 40.761  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =       | 81.520%  |          |
| 24) Chloroform-d              | 4.362  | 84             | 109873   | 3.288   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =       | 65.800%# |          |
| 26) 1,2-Dichloroethane-d4     | 5.044  | 65             | 47660    | 3.538   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =       | 70.800%  |          |
| 32) Benzene-d6                | 5.060  | 84             | 196205   | 2.864   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =       | 57.200%# |          |
| 36) 1,2-Dichloropropane-d6    | 6.076  | 67             | 67026    | 3.393   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =       | 67.800%  |          |
| 41) Toluene-d8                | 7.320  | 98             | 149039   | 2.443   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =       | 48.800%# |          |
| 43) trans-1,3-Dichloroprop... | 7.632  | 79             | 14131    | 2.370   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =       | 47.400%# |          |
| 46) 2-Hexanone-d5             | 8.092  | 63             | 79144    | 42.632  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =       | 85.260%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 42375    | 3.601   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =       | 72.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 53640    | 3.461   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =       | 69.200%# |          |
| Target Compounds              |        |                |          |         |          |          |
|                               |        |                |          |         | Qvalue   |          |
| 9) Trichlorofluoromethane     | 1.767  | 101            | 110898   | 4.374   | ug/L     | 98       |
| 16) Methylene chloride        | 2.523  | 84             | 2871     | 0.202   | ug/L     | 93       |
| 22) cis-1,2-Dichloroethene    | 3.931  | 96             | 6960     | 0.524   | ug/L     | 91       |
| 31) Carbon tetrachloride      | 4.841  | 117            | 1788     | 0.096   | ug/L     | 97       |
| 34) Trichloroethene           | 5.921  | 95             | 7546179  | 525.774 | ug/L     | 95       |
| 47) Tetrachloroethene         | 7.976  | 164            | 260233   | 25.249  | ug/L     | 99       |
| -----                         |        |                |          |         |          |          |

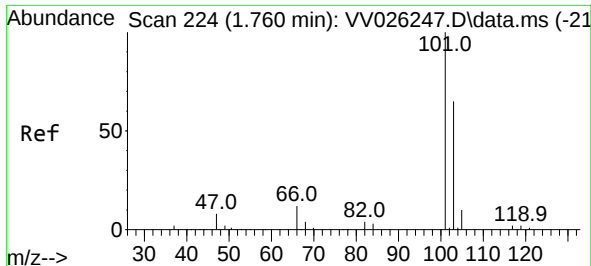
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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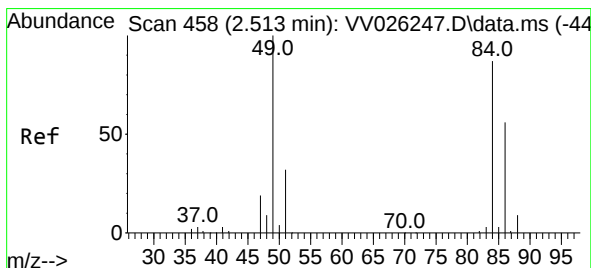
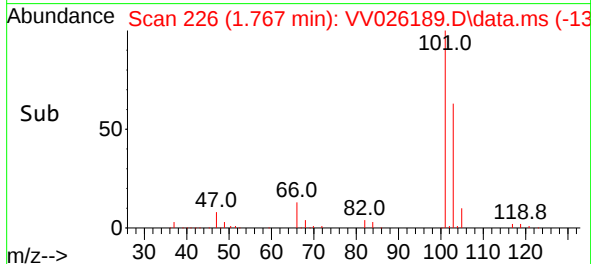
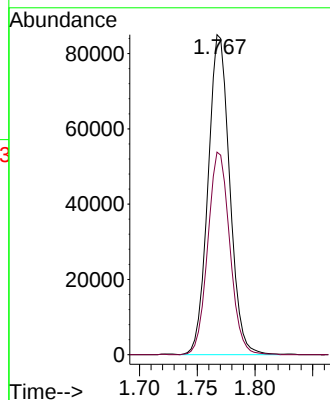
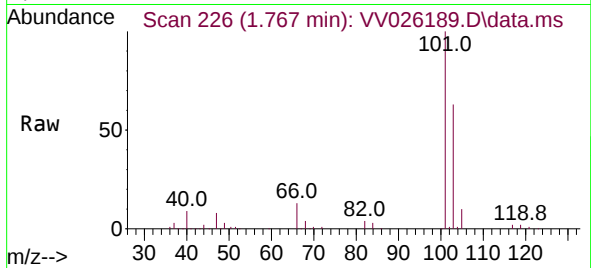




#9  
Trichlorofluoromethane  
Concen: 4.374 ug/L  
RT: 1.767 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VV026189.D  
Acq: 13 Jun 2022 02:41

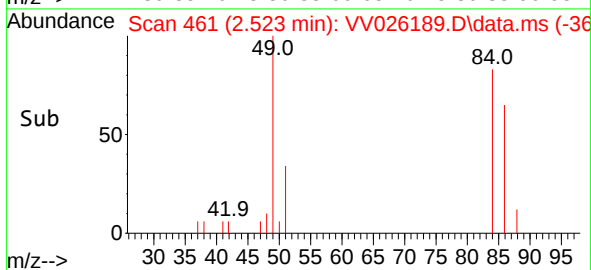
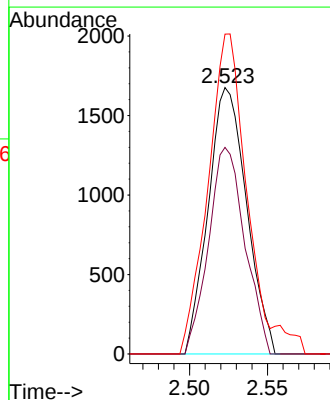
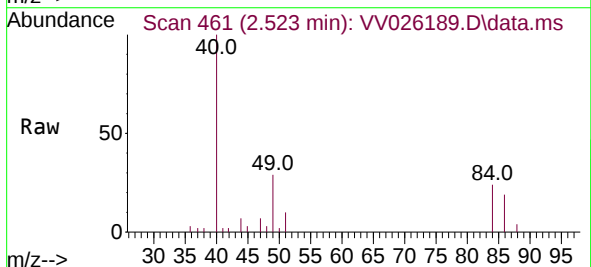
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0BF4

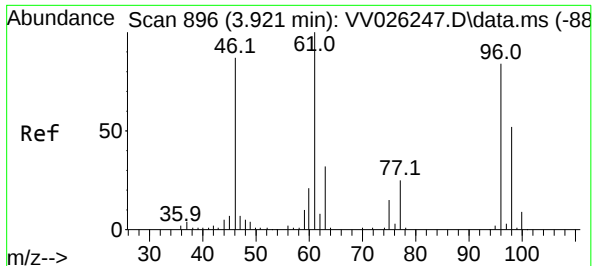
Tgt Ion:101 Resp: 110898  
Ion Ratio Lower Upper  
101 100  
103 64.3 52.9 79.3



#16  
Methylene chloride  
Concen: 0.202 ug/L  
RT: 2.523 min Scan# 461  
Delta R.T. 0.000 min  
Lab File: VV026189.D  
Acq: 13 Jun 2022 02:41

Tgt Ion: 84 Resp: 2871  
Ion Ratio Lower Upper  
84 100  
86 77.6 45.1 83.7  
49 120.0 82.3 152.9





#22

cis-1,2-Dichloroethene

Concen: 0.524 ug/L

RT: 3.931 min Scan# 896

Delta R.T. 0.003 min

Lab File: VV026189.D

Acq: 13 Jun 2022 02:41

Instrument :

MSVOA\_V

ClientSampleId :

C0BF4

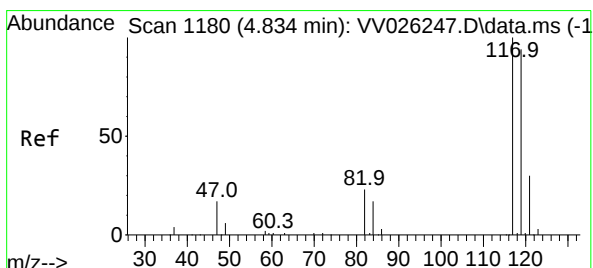
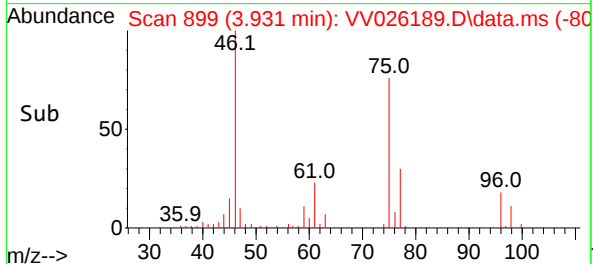
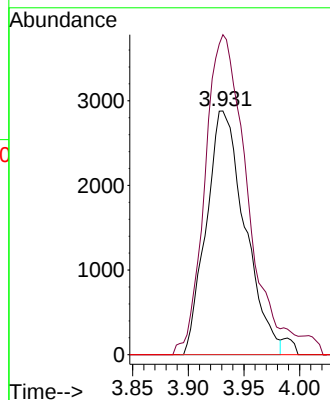
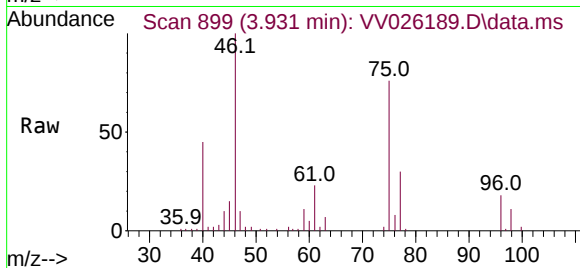
Tgt Ion: 96 Resp: 6960

Ion Ratio Lower Upper

96 100

61 131.3 85.2 158.2

68 0.0 0.0 0.0



#31

Carbon tetrachloride

Concen: 0.096 ug/L

RT: 4.841 min Scan# 1182

Delta R.T. 0.003 min

Lab File: VV026189.D

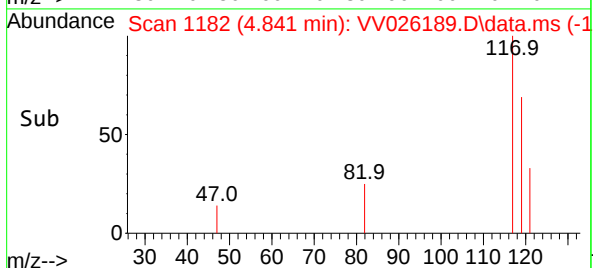
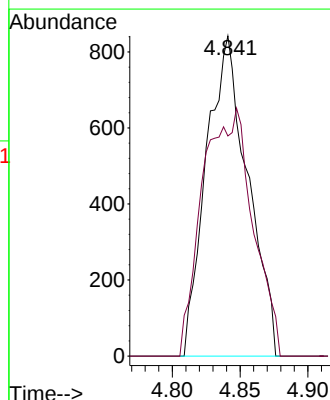
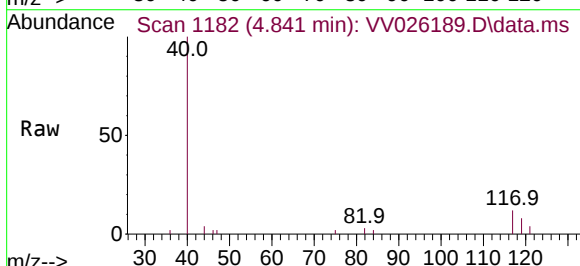
Acq: 13 Jun 2022 02:41

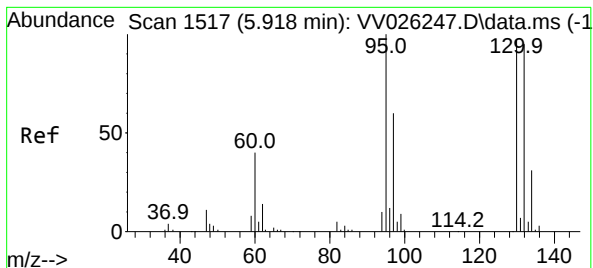
Tgt Ion: 117 Resp: 1788

Ion Ratio Lower Upper

117 100

119 93.9 77.8 116.8





#34

Trichloroethene

Concen: 525.774 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026189.D

Acq: 13 Jun 2022 02:41

Instrument :

MSVOA\_V

ClientSampleId :

C0BF4

Tgt Ion: 95 Resp: 7546179

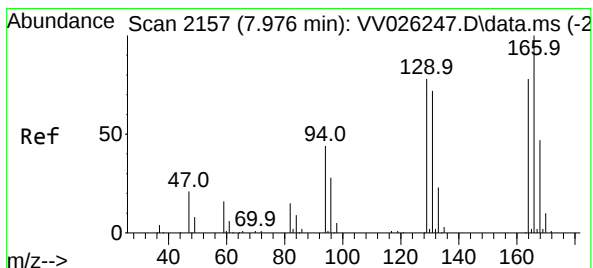
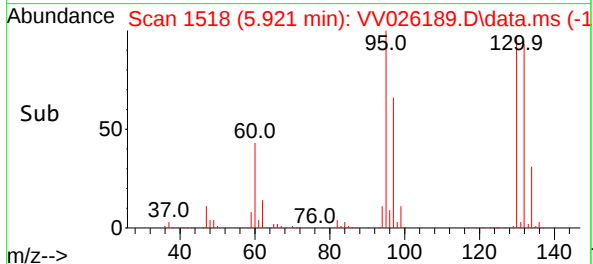
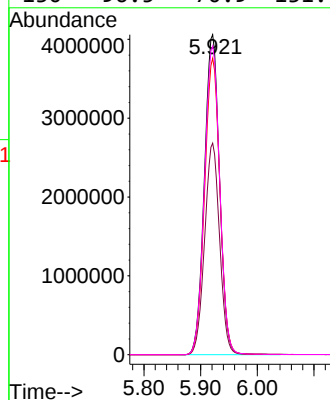
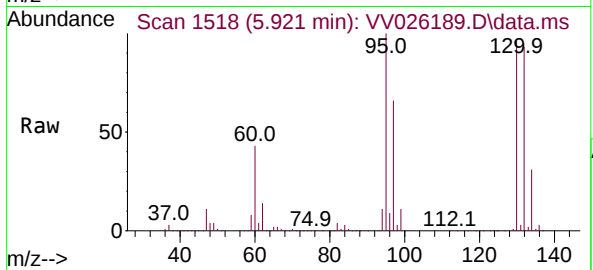
Ion Ratio Lower Upper

95 100

97 66.1 43.3 80.3

132 92.6 67.5 125.4

130 96.5 70.9 131.7



#47

Tetrachloroethene

Concen: 25.249 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV026189.D

Acq: 13 Jun 2022 02:41

Tgt Ion:164 Resp: 260233

Ion Ratio Lower Upper

164 100

129 95.9 66.1 122.7

131 91.6 65.0 120.6

166 127.1 88.1 163.7

