

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV090722\  
 Data File : VV027778.D  
 Acq On : 07 Sep 2022 13:34  
 Operator : SY/MD  
 Sample : N4402-12  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBVB5

Quant Time: Sep 08 07:54:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR090622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 07 06:13:02 2022  
 Response via : Initial Calibration

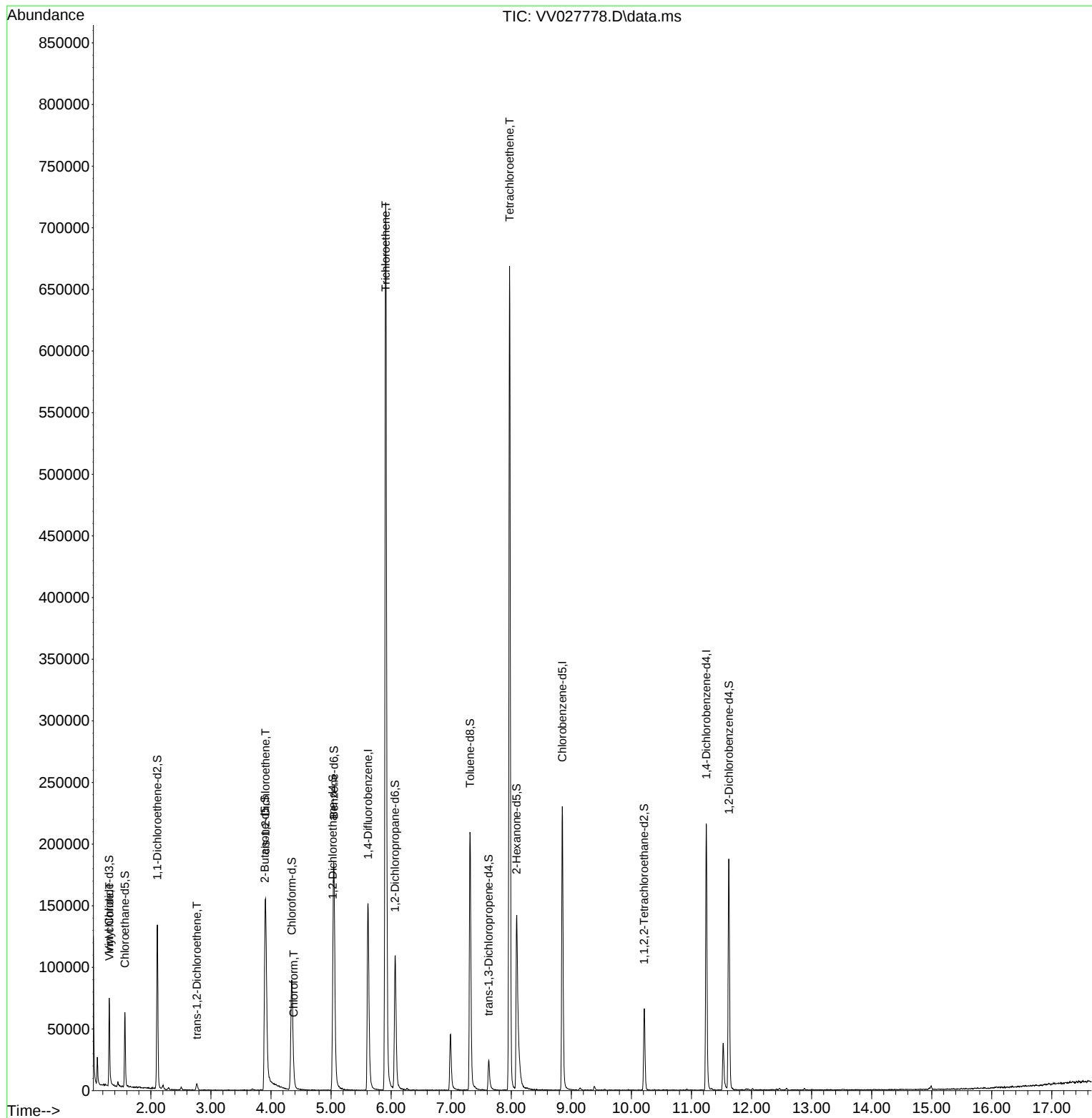
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114            | 137950   | 5.000  | ug/L     | 0.02     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 130502   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152            | 61104    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 41994    | 4.618  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 92.400%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 39123    | 5.072  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 101.400% |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 70267    | 3.642  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 72.800%  |          |
| 20) 2-Butanone-d5             | 3.899  | 46             | 56476    | 28.025 | ug/L     | -0.04    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 56.040%  |          |
| 24) Chloroform-d              | 4.346  | 84             | 93925    | 5.045  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 100.800% |          |
| 26) 1,2-Dichloroethane-d4     | 5.030  | 65             | 46676    | 4.707  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 94.200%  |          |
| 32) Benzene-d6                | 5.046  | 84             | 173368   | 4.579  | ug/L     | 0.02     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67             | 48805    | 4.403  | ug/L     | 0.02     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 88.000%  |          |
| 41) Toluene-d8                | 7.313  | 98             | 146095   | 4.589  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 91.800%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 15992    | 4.300  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 86.000%  |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 58912    | 42.619 | ug/L     | -0.03    |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 85.240%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.213 | 84             | 30477    | 4.282  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 85.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 51105    | 5.091  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 101.800% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 5) Vinyl chloride             | 1.310  | 62             | 8891     | 0.716  | ug/L     | 86       |
| 18) trans-1,2-Dichloroethene  | 2.767  | 96             | 1629     | 0.169  | ug/L     | 82       |
| 22) cis-1,2-Dichloroethene    | 3.908  | 96             | 78330    | 7.444  | ug/L #   | 91       |
| 25) Chloroform                | 4.378  | 83             | 4546     | 0.226  | ug/L     | 95       |
| 34) Trichloroethene           | 5.908  | 95             | 244190   | 22.636 | ug/L     | 95       |
| 47) Tetrachloroethene         | 7.972  | 164            | 147783   | 17.070 | ug/L     | 98       |
| -----                         |        |                |          |        |          |          |

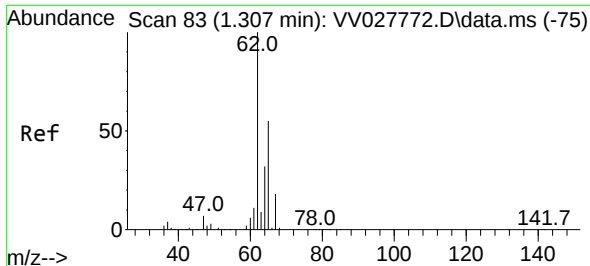
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 07 06:13:02 2022  
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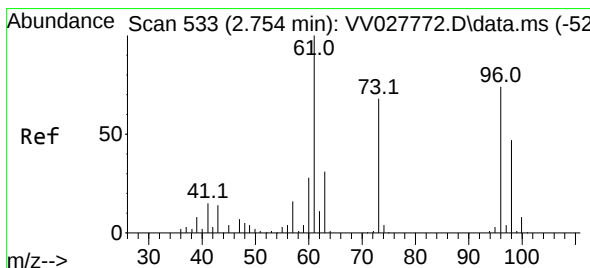
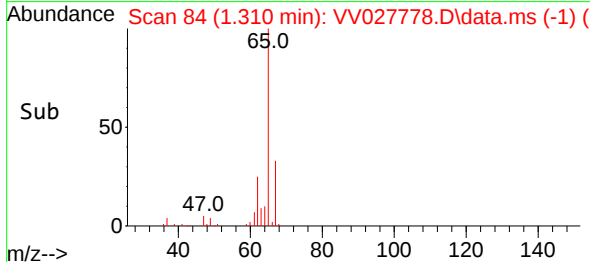
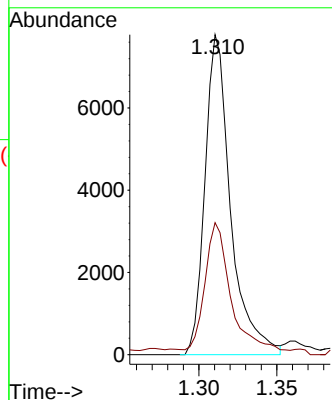
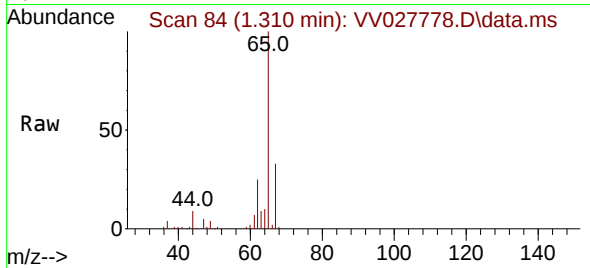




#5  
 Vinyl chloride  
 Concen: 0.716 ug/L  
 RT: 1.310 min Scan# 84  
 Delta R.T. 0.010 min  
 Lab File: VV027778.D  
 Acq: 07 Sep 2022 13:34

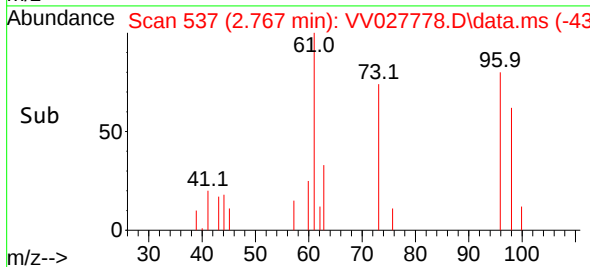
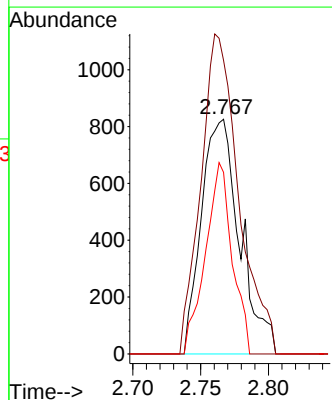
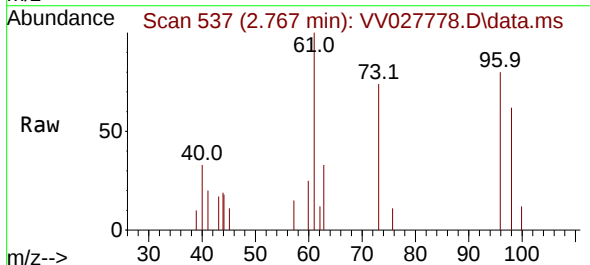
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBVB5

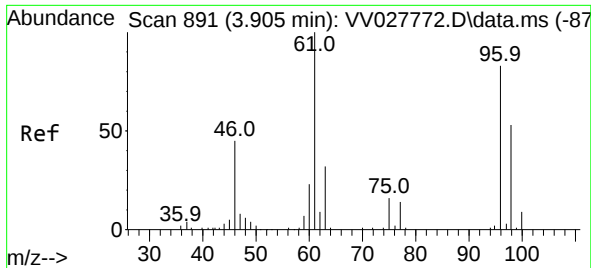
Tgt Ion: 62 Resp: 8891  
 Ion Ratio Lower Upper  
 62 100  
 64 41.3 23.2 43.2



#18  
 trans-1,2-Dichloroethene  
 Concen: 0.169 ug/L  
 RT: 2.767 min Scan# 537  
 Delta R.T. 0.016 min  
 Lab File: VV027778.D  
 Acq: 07 Sep 2022 13:34

Tgt Ion: 96 Resp: 1629  
 Ion Ratio Lower Upper  
 96 100  
 61 125.1 102.6 190.5  
 98 77.4 44.0 81.8





#22

cis-1,2-Dichloroethene

Concen: 7.444 ug/L

RT: 3.908 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV027778.D

Acq: 07 Sep 2022 13:34

Instrument :

MSVOA\_V

ClientSampleId :

DBVB5

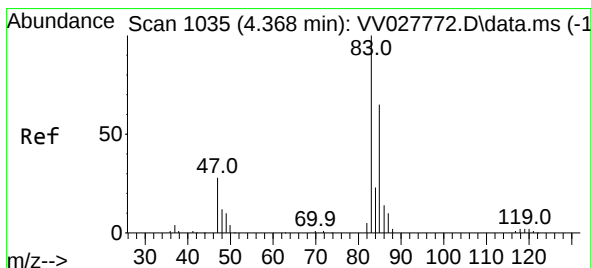
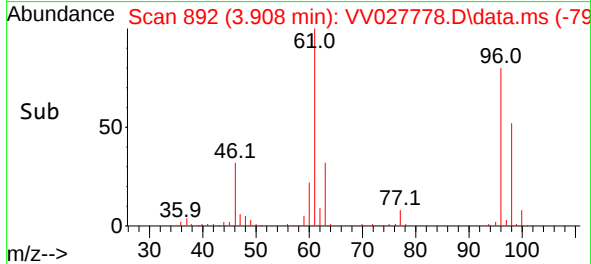
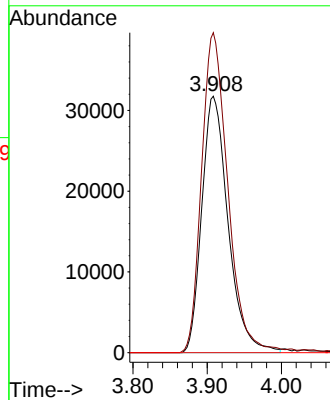
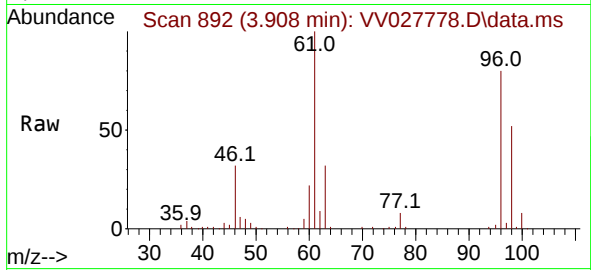
Tgt Ion: 96 Resp: 78330

Ion Ratio Lower Upper

96 100

61 124.8 94.6 175.6

68 0.0 0.3 0.5#



#25

Chloroform

Concen: 0.226 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV027778.D

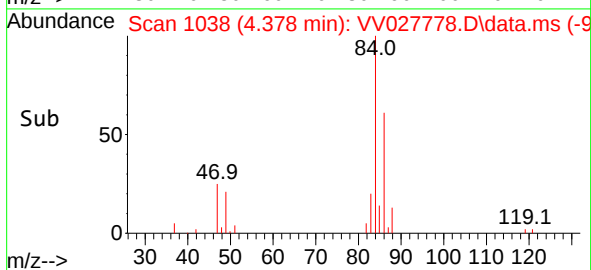
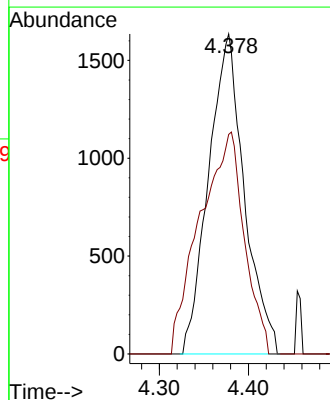
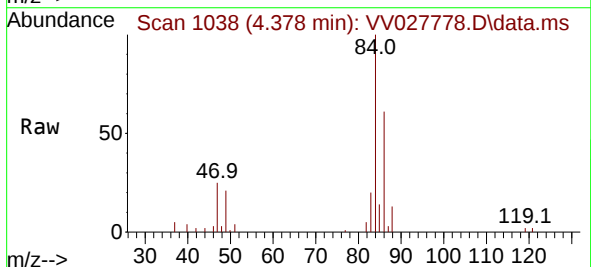
Acq: 07 Sep 2022 13:34

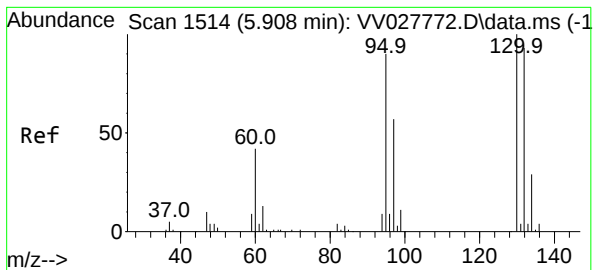
Tgt Ion: 83 Resp: 4546

Ion Ratio Lower Upper

83 100

85 68.6 45.4 84.2





#34

Trichloroethene

Concen: 22.636 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.029 min

Lab File: VV027778.D

Acq: 07 Sep 2022 13:34

Instrument :

MSVOA\_V

ClientSampleId :

DBVB5

Tgt Ion: 95 Resp: 244190

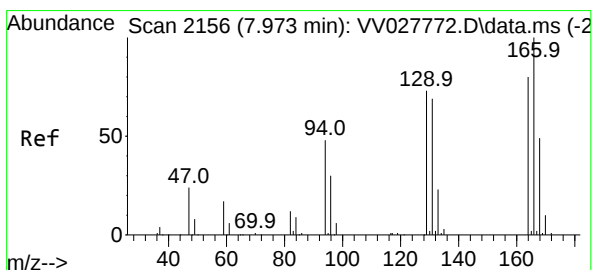
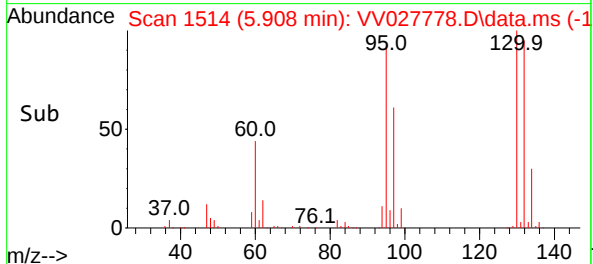
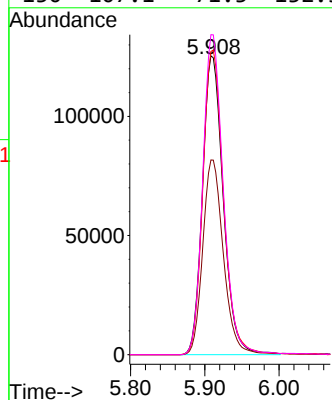
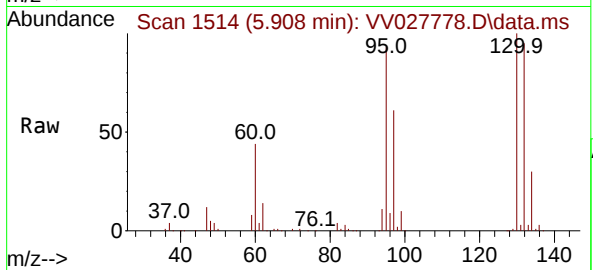
Ion Ratio Lower Upper

95 100

97 65.1 42.9 79.7

132 101.4 67.9 126.1

130 107.1 71.3 132.3



#47

Tetrachloroethene

Concen: 17.070 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.006 min

Lab File: VV027778.D

Acq: 07 Sep 2022 13:34

Tgt Ion:164 Resp: 147783

Ion Ratio Lower Upper

164 100

129 92.9 67.2 124.8

131 88.4 61.5 114.3

166 128.2 91.1 169.3

