

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW110222\  
 Data File : VW028833.D  
 Acq On : 02 Nov 2022 11:55  
 Operator : SY/MD  
 Sample : N5353-17  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBWX2

Quant Time: Nov 03 03:29:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM103122WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Nov 02 05:10:28 2022  
 Response via : Initial Calibration

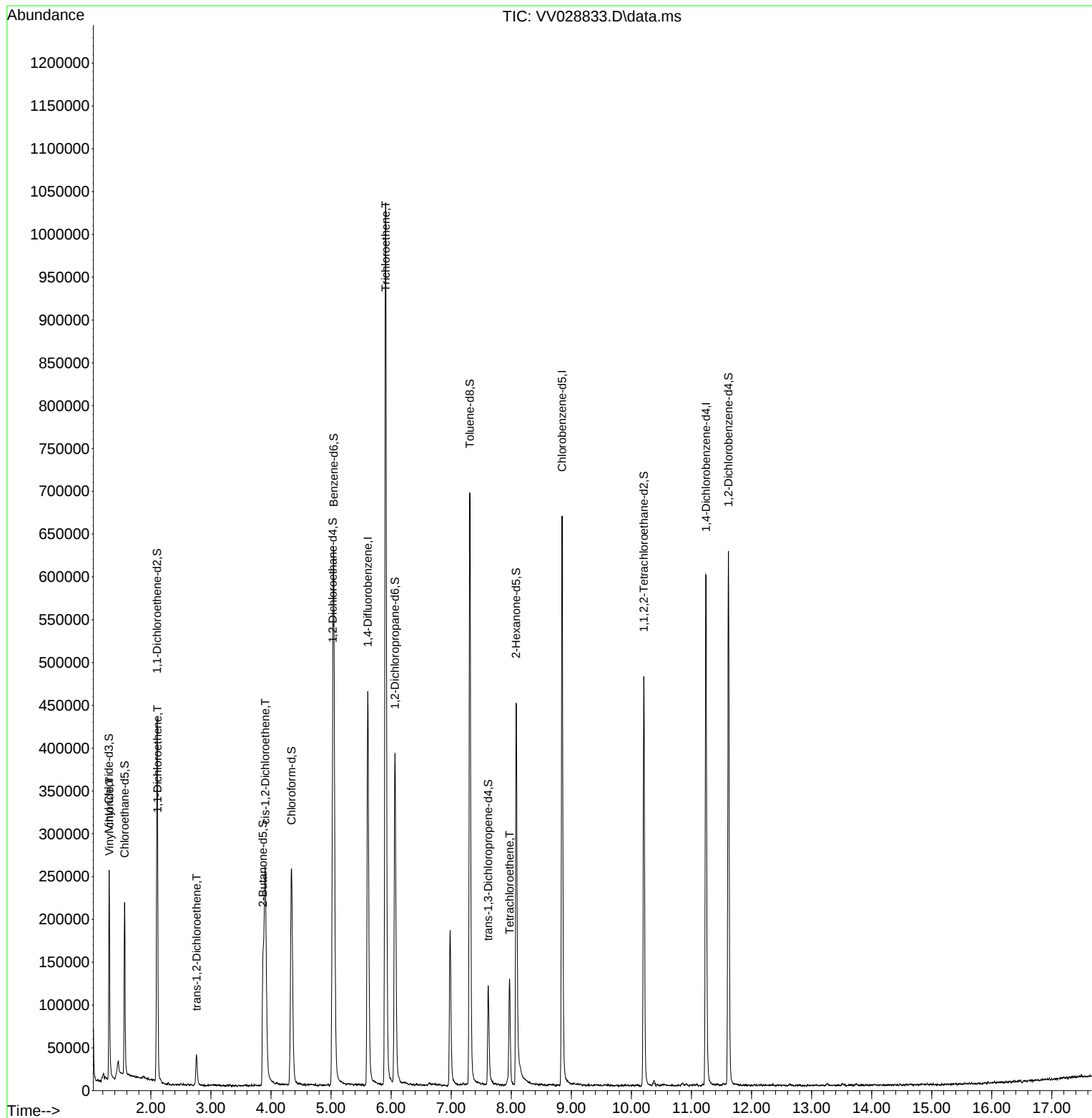
| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| -----                         |         |                |          |         |          |          |
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 5.613   | 114            | 363881   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.847   | 117            | 330949   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.243  | 152            | 142980   | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65             | 152875   | 44.318  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 88.640%  |          |
| 7) Chloroethane-d5            | 1.565   | 69             | 135760   | 46.039  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 92.080%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63             | 235523   | 35.893  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 71.780%  |          |
| 21) 2-Butanone-d5             | 3.867   | 46             | 251365   | 100.105 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 100.100% |          |
| 24) Chloroform-d              | 4.343   | 84             | 254992   | 49.012  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 98.020%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.027   | 65             | 178329   | 51.828  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 103.660% |          |
| 32) Benzene-d6                | 5.043   | 84             | 525764   | 50.890  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 101.780% |          |
| 36) 1,2-Dichloropropane-d6    | 6.063   | 67             | 185694   | 52.353  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 104.700% |          |
| 41) Toluene-d8                | 7.310   | 98             | 436128   | 48.018  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 96.040%  |          |
| 43) trans-1,3-Dichloroprop... | 7.616   | 79             | 62972    | 46.225  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 92.460%  |          |
| 47) 2-Hexanone-d5             | 8.082   | 63             | 152448   | 95.108  | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 95.110%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207  | 84             | 236630   | 50.593  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 101.180% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.616  | 152            | 146863   | 52.037  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 104.080% |          |
| Target Compounds              |         |                |          |         |          |          |
|                               |         |                |          |         | Qvalue   |          |
| 5) Vinyl chloride             | 1.311   | 62             | 24760    | 6.052   | ug/L #   | 81       |
| 12) 1,1-Dichloroethene        | 2.114   | 96             | 7198     | 2.652   | ug/L #   | 1        |
| 17) trans-1,2-Dichloroethene  | 2.761   | 96             | 12415    | 4.729   | ug/L     | 95       |
| 20) cis-1,2-Dichloroethene    | 3.905   | 96             | 117977   | 40.730  | ug/L #   | 100      |
| 34) Trichloroethene           | 5.908   | 95             | 356066   | 130.682 | ug/L     | 98       |
| 46) Tetrachloroethene         | 7.973   | 164            | 25385    | 13.443  | ug/L     | 97       |
| -----                         |         |                |          |         |          |          |

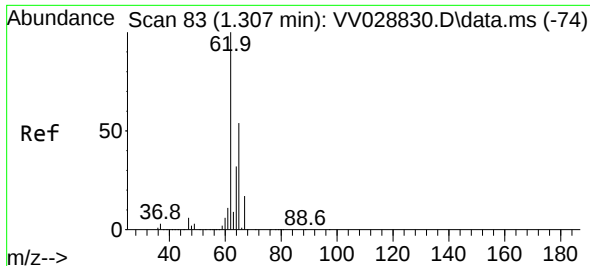
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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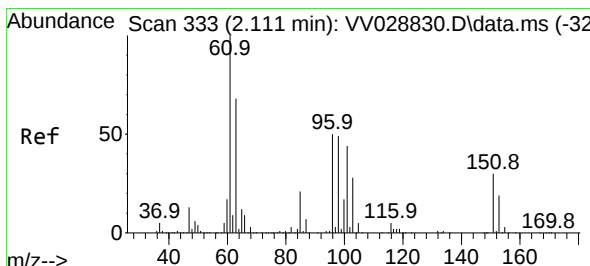
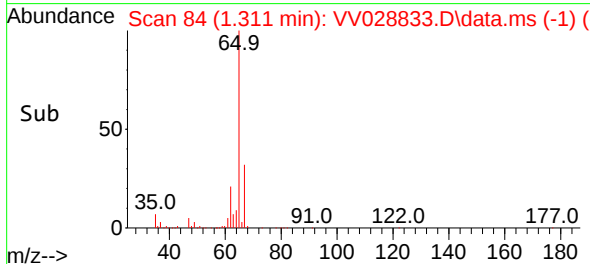
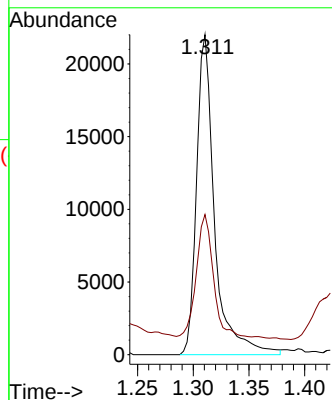
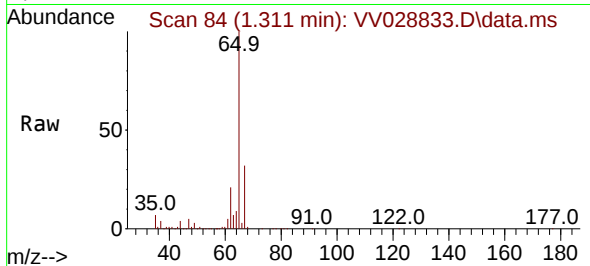




#5  
 Vinyl chloride  
 Concen: 6.052 ug/L  
 RT: 1.311 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: VV028833.D  
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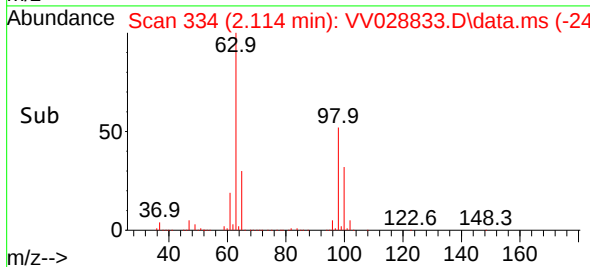
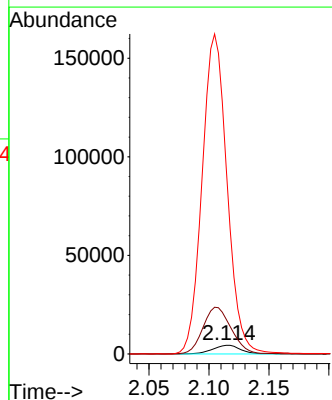
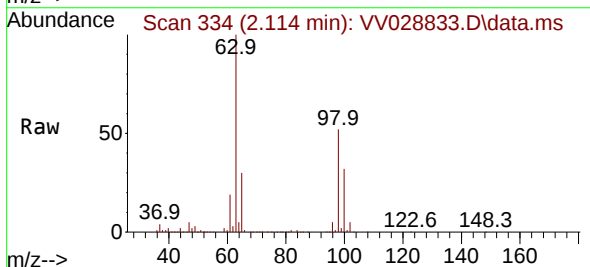
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBWX2

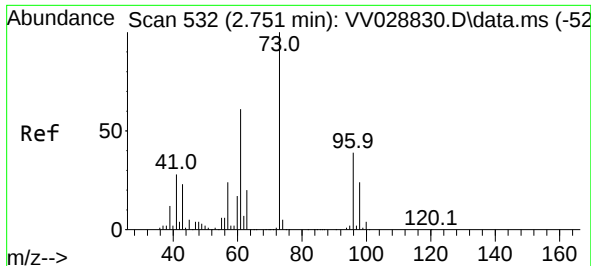
Tgt Ion: 62 Resp: 24760  
 Ion Ratio Lower Upper  
 62 100  
 64 43.8 23.2 43.0#



#12  
 1,1-Dichloroethene  
 Concen: 2.652 ug/L  
 RT: 2.114 min Scan# 334  
 Delta R.T. 0.000 min  
 Lab File: VV028833.D  
 Acq: 02 Nov 2022 11:55

Tgt Ion: 96 Resp: 7198  
 Ion Ratio Lower Upper  
 96 100  
 61 403.7 142.7 265.1#  
 63 2168.0 112.5 208.9#

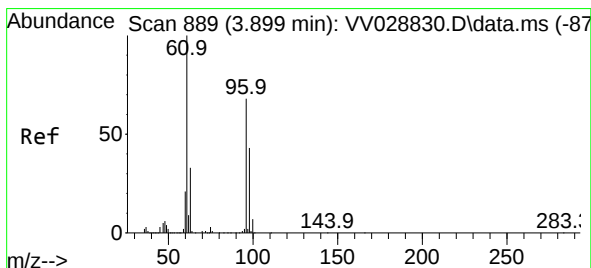
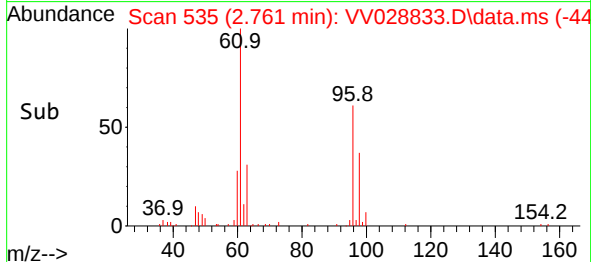
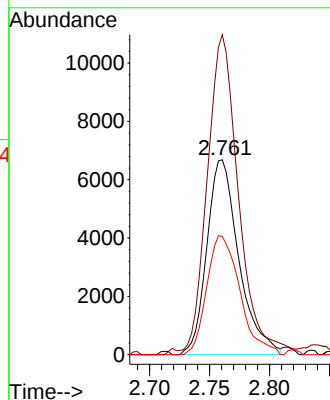
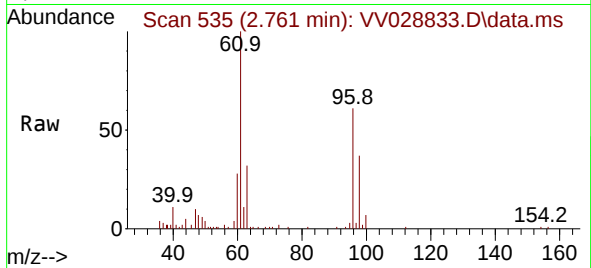




#17  
trans-1,2-Dichloroethene  
Concen: 4.729 ug/L  
RT: 2.761 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VV028833.D  
Acq: 02 Nov 2022 11:55

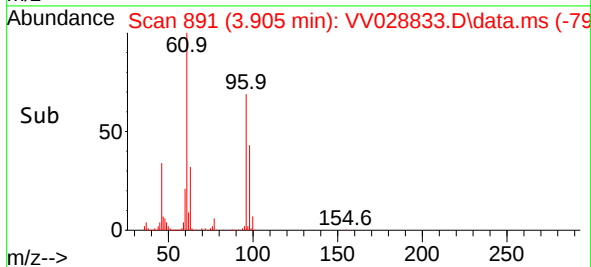
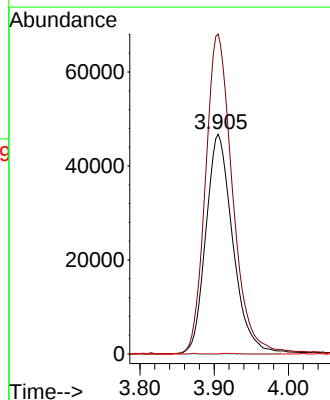
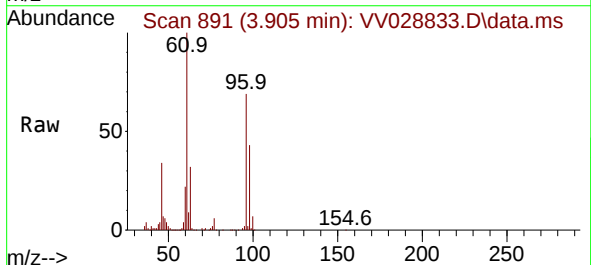
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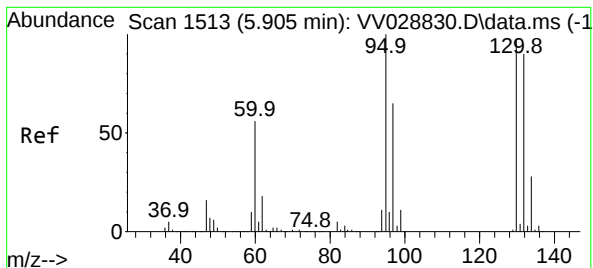
Tgt Ion: 96 Resp: 12415  
Ion Ratio Lower Upper  
96 100  
61 164.2 109.4 203.2  
98 60.7 43.3 80.5



#20  
cis-1,2-Dichloroethene  
Concen: 40.730 ug/L  
RT: 3.905 min Scan# 891  
Delta R.T. 0.003 min  
Lab File: VV028833.D  
Acq: 02 Nov 2022 11:55

Tgt Ion: 96 Resp: 117977  
Ion Ratio Lower Upper  
96 100  
61 145.7 102.3 190.1  
68 0.0 0.1 0.3#





#34

Trichloroethene

Concen: 130.682 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028833.D

Acq: 02 Nov 2022 11:55

Instrument :

MSVOA\_V

ClientSampleId :

DBWX2

Tgt Ion: 95 Resp: 356066

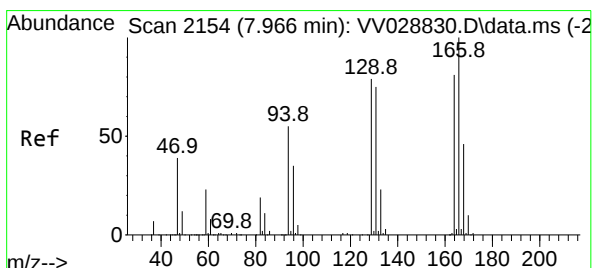
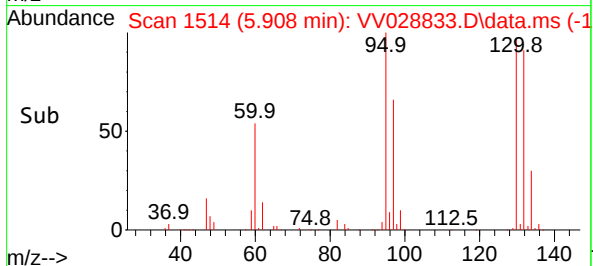
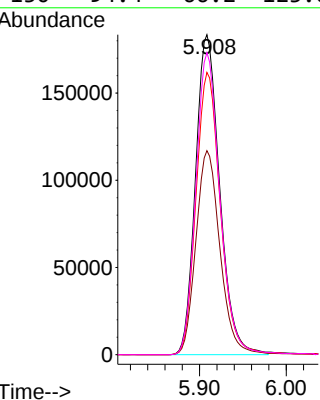
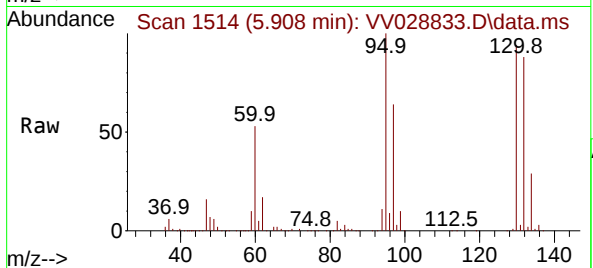
Ion Ratio Lower Upper

95 100

97 63.8 46.2 85.8

132 88.2 63.2 117.4

130 94.4 66.2 123.0



#46

Tetrachloroethene

Concen: 13.443 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV028833.D

Acq: 02 Nov 2022 11:55

Tgt Ion: 164 Resp: 25385

Ion Ratio Lower Upper

164 100

129 102.5 69.5 129.1

131 95.0 66.4 123.2

166 120.8 88.5 164.3

