

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111622\  
 Data File : VW029051.D  
 Acq On : 17 Nov 2022 05:29  
 Operator : SY/MD  
 Sample : N5592-12DL 5X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H0AB7DL

Quant Time: Nov 17 06:30:08 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 17 04:20:13 2022  
 Response via : Initial Calibration

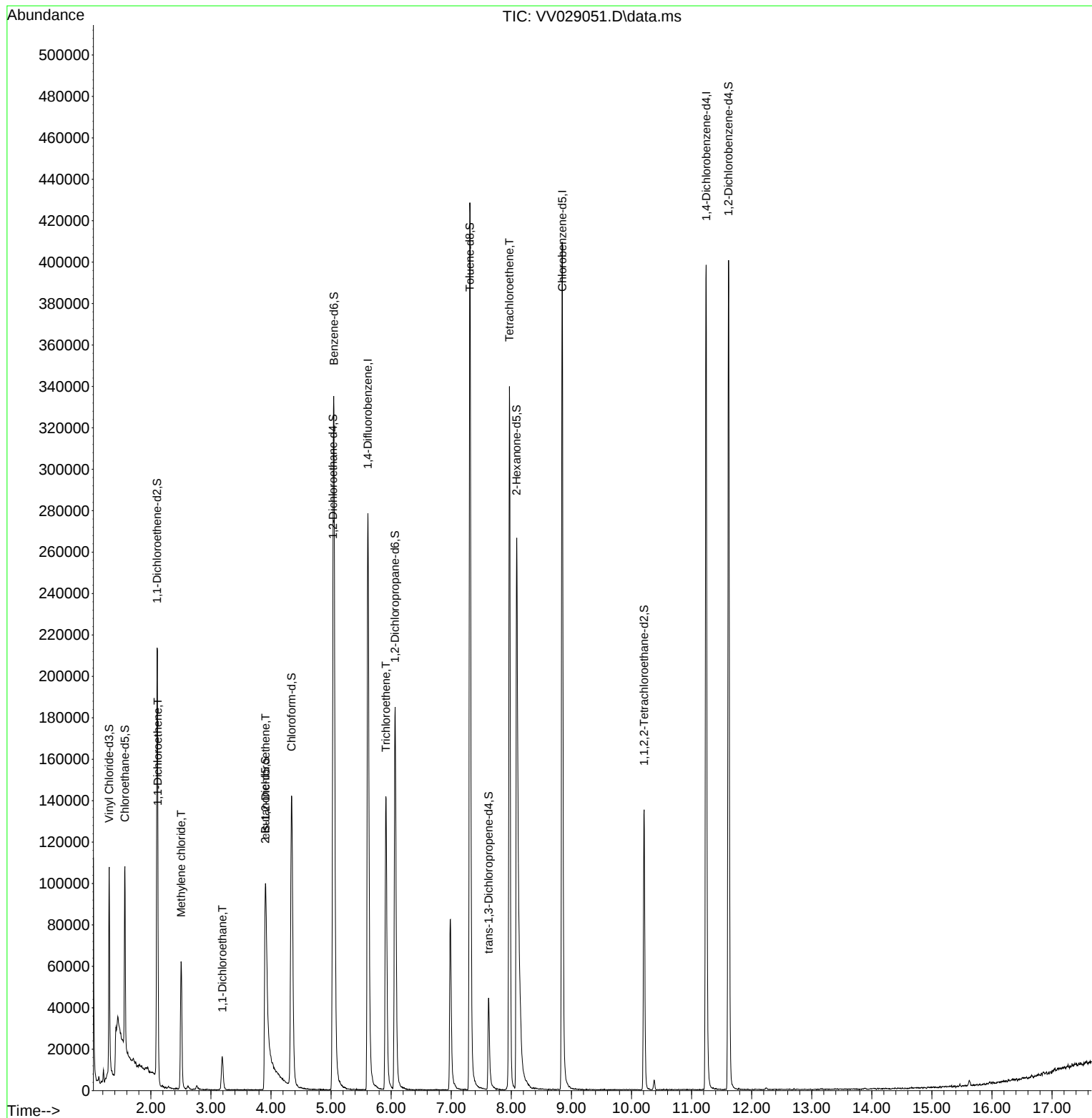
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114            | 274411   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.847  | 117            | 250335   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.242 | 152            | 118911   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 71261    | 4.260  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 85.200%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 58350    | 3.967  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 79.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.104  | 63             | 100413   | 3.294  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 65.800%  |          |
| 20) 2-Butanone-d5             | 3.905  | 46             | 110123   | 39.324 | ug/L     | 0.01     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 78.640%  |          |
| 24) Chloroform-d              | 4.342  | 84             | 160157   | 4.663  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 93.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.030  | 65             | 73410    | 4.750  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 95.000%  |          |
| 32) Benzene-d6                | 5.047  | 84             | 338607   | 4.532  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 90.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67             | 95407    | 4.573  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 91.400%  |          |
| 41) Toluene-d8                | 7.310  | 98             | 311755   | 4.635  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 92.600%  |          |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79             | 30760    | 4.520  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 90.400%  |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 131774   | 45.365 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 90.720%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.210 | 84             | 68988    | 4.769  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 95.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.615 | 152            | 115484   | 5.428  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 108.600% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 12) 1,1-Dichloroethene        | 2.117  | 96             | 10786    | 0.649  | ug/L     | # 1      |
| 16) Methylene chloride        | 2.503  | 84             | 29008    | 1.351  | ug/L     | 93       |
| 19) 1,1-Dichloroethane        | 3.188  | 63             | 17447    | 0.554  | ug/L     | 98       |
| 22) cis-1,2-Dichloroethene    | 3.908  | 96             | 31163    | 1.591  | ug/L     | 99       |
| 34) Trichloroethene           | 5.911  | 95             | 53029    | 2.708  | ug/L     | 98       |
| 47) Tetrachloroethene         | 7.969  | 164            | 81384    | 5.190  | ug/L     | 99       |
| -----                         |        |                |          |        |          |          |

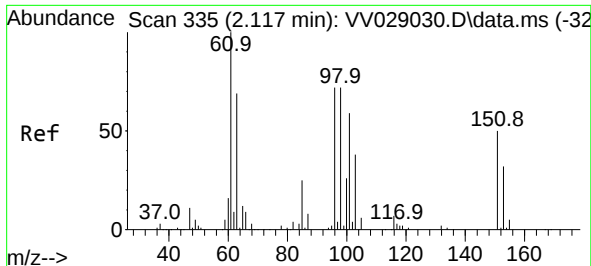
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 17 04:20:13 2022  
Response via : Initial Calibration

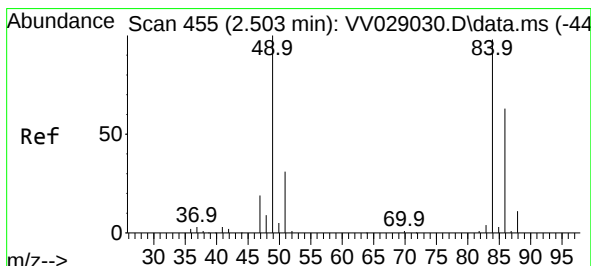
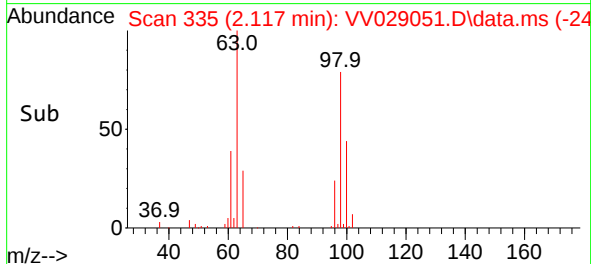
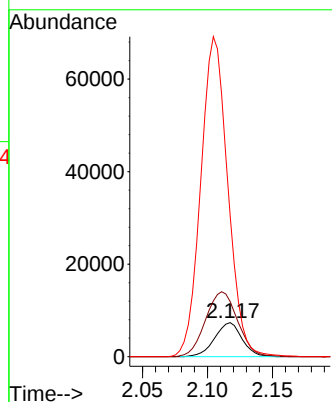
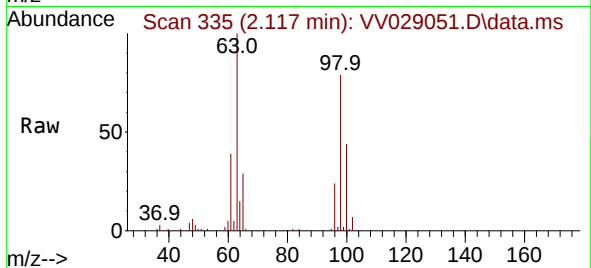




#12  
1,1-Dichloroethene  
Concen: 0.649 ug/L  
RT: 2.117 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VV029051.D  
Acq: 17 Nov 2022 05:29

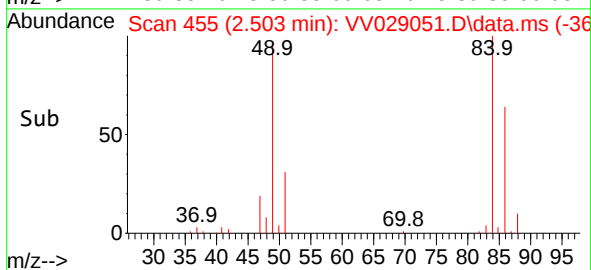
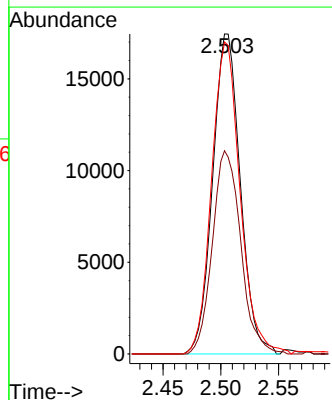
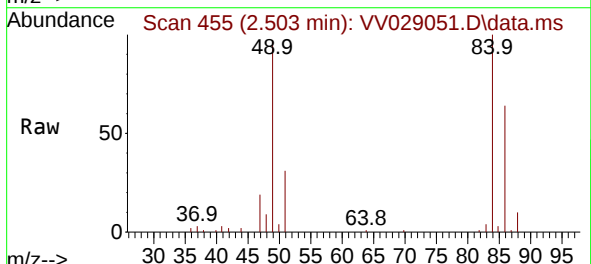
Instrument :  
MSVOA\_V  
ClientSampleId :  
H0AB7DL

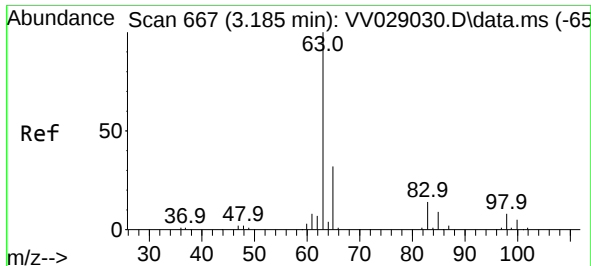
Tgt Ion: 96 Resp: 10786  
Ion Ratio Lower Upper  
96 100  
61 161.8 104.2 193.4  
63 414.6 75.9 140.9#



#16  
Methylene chloride  
Concen: 1.351 ug/L  
RT: 2.503 min Scan# 455  
Delta R.T. -0.000 min  
Lab File: VV029051.D  
Acq: 17 Nov 2022 05:29

Tgt Ion: 84 Resp: 29008  
Ion Ratio Lower Upper  
84 100  
86 63.5 45.8 85.0  
49 97.5 75.5 140.1





#19

1,1-Dichloroethane

Concen: 0.554 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029051.D

Acq: 17 Nov 2022 05:29

Instrument :

MSVOA\_V

ClientSampleId :

H0AB7DL

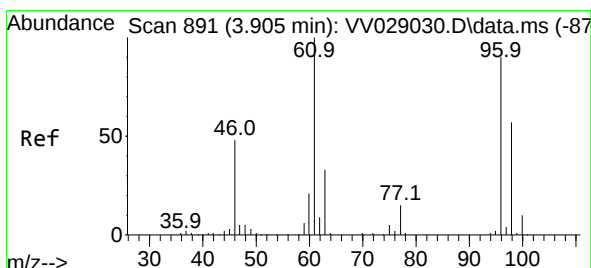
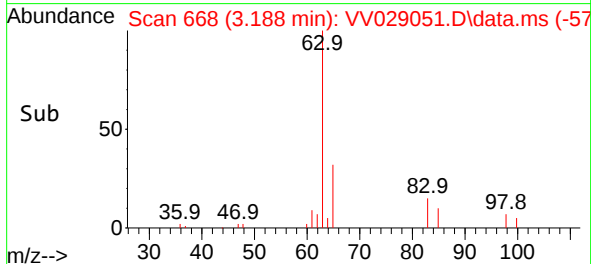
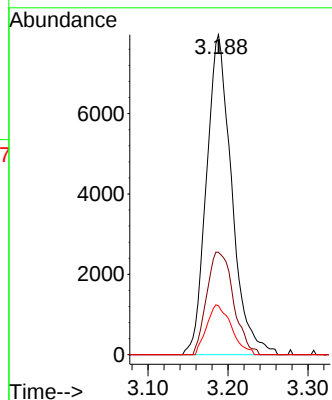
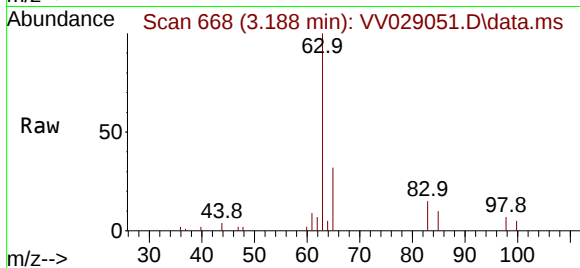
Tgt Ion: 63 Resp: 17447

Ion Ratio Lower Upper

63 100

65 32.0 23.0 42.6

83 15.3 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 1.591 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV029051.D

Acq: 17 Nov 2022 05:29

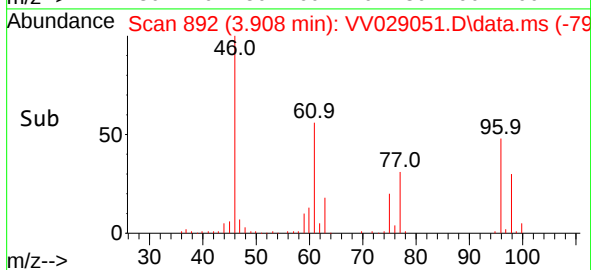
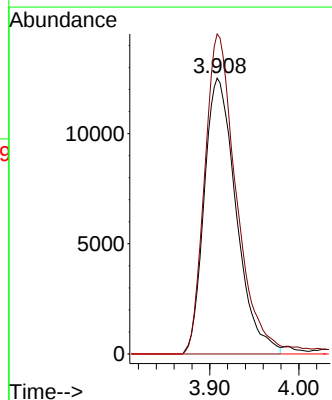
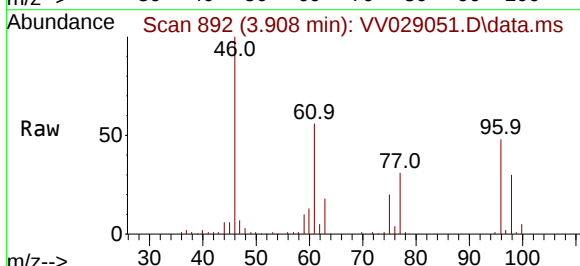
Tgt Ion: 96 Resp: 31163

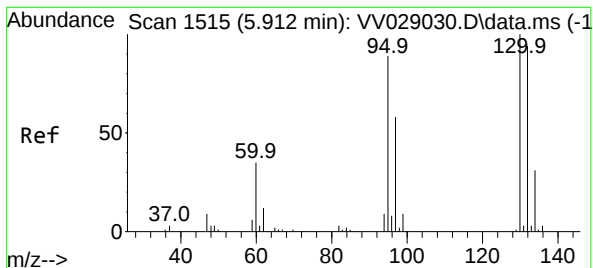
Ion Ratio Lower Upper

96 100

61 116.0 82.3 152.9

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 2.708 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VV029051.D

Acq: 17 Nov 2022 05:29

Instrument :

MSVOA\_V

ClientSampleId :

H0AB7DL

Tgt Ion: 95 Resp: 53029

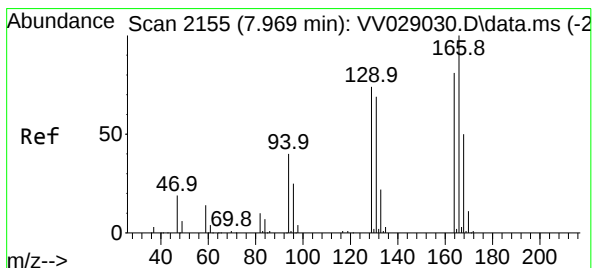
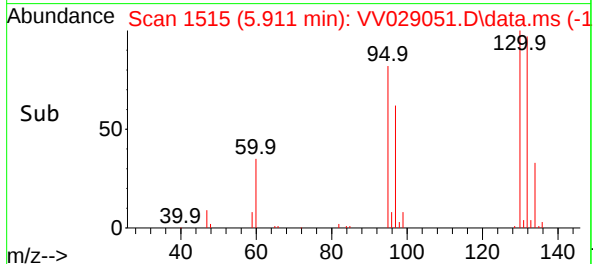
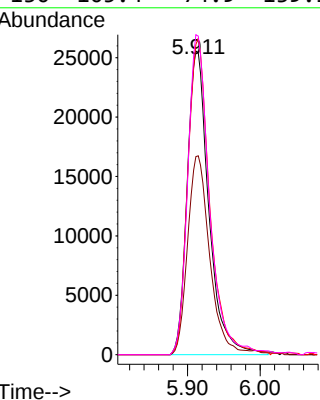
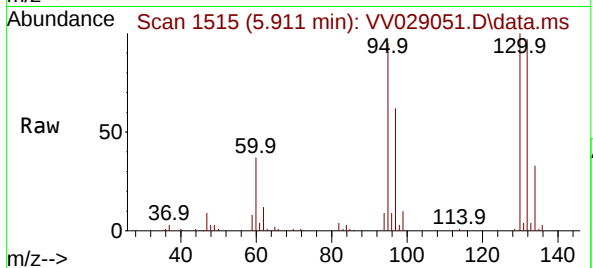
Ion Ratio Lower Upper

95 100

97 65.2 45.6 84.8

132 102.1 69.1 128.3

130 105.4 74.9 139.1



#47

Tetrachloroethene

Concen: 5.190 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VV029051.D

Acq: 17 Nov 2022 05:29

Tgt Ion: 164 Resp: 81384

Ion Ratio Lower Upper

164 100

129 91.4 63.9 118.7

131 89.1 61.8 114.8

166 129.9 90.2 167.4

