

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111422\  
 Data File : VW028942.D  
 Acq On : 14 Nov 2022 16:47  
 Operator : SY/MD  
 Sample : N5592-14DL 4X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H0AB9DL

Quant Time: Nov 15 00:05:55 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Nov 15 00:01:45 2022  
 Response via : Initial Calibration

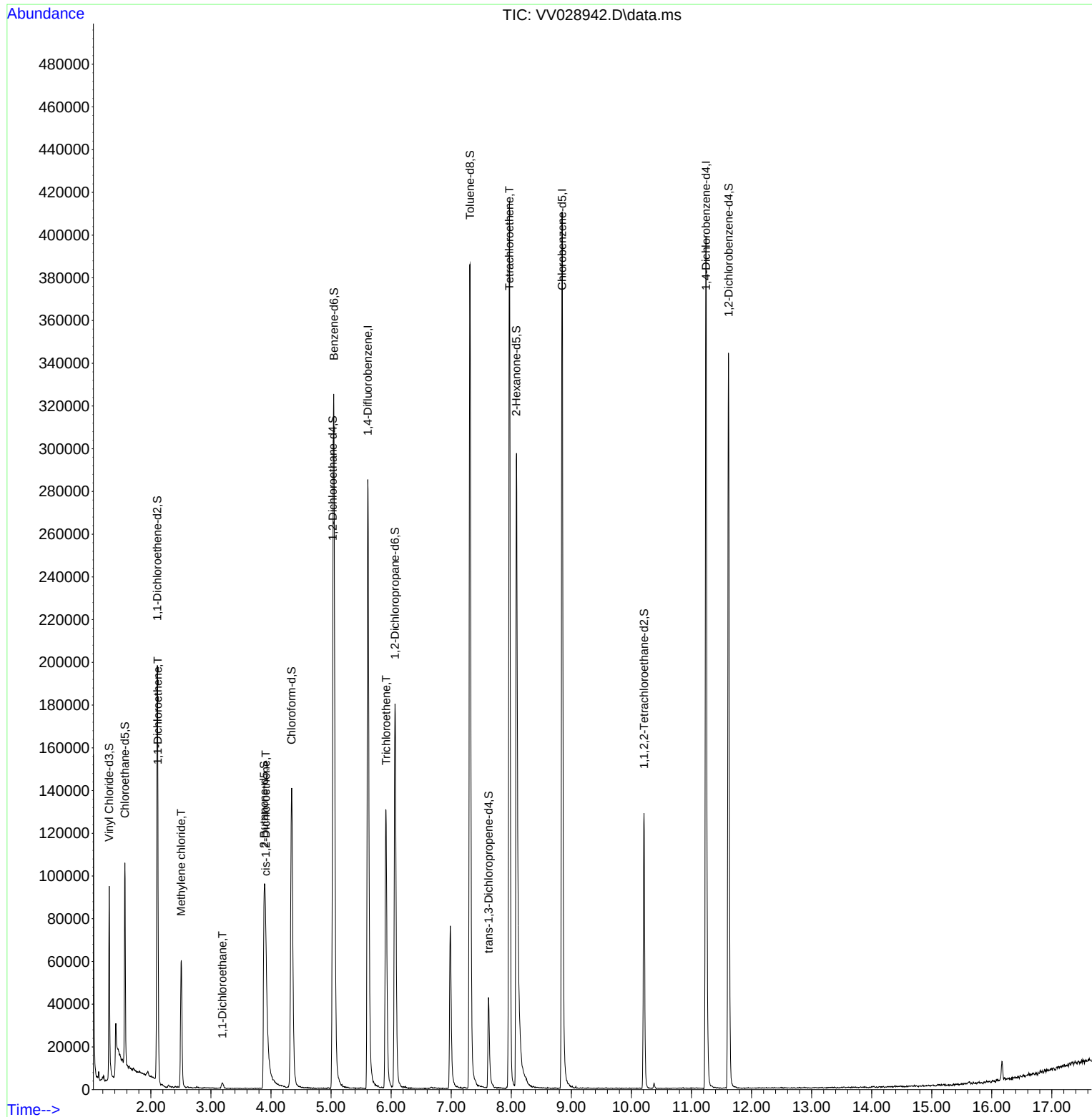
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114            | 268703   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.847  | 117            | 248826   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.242 | 152            | 116780   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 61124    | 3.731  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 74.600%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 61229    | 4.252  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 85.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 95000    | 3.182  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 63.600%  |          |
| 20) 2-Butanone-d5             | 3.886  | 46             | 149700   | 54.591 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 109.180% |          |
| 24) Chloroform-d              | 4.342  | 84             | 153685   | 4.570  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.030  | 65             | 74073    | 4.895  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 98.000%  |          |
| 32) Benzene-d6                | 5.047  | 84             | 321050   | 4.323  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 86.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67             | 94795    | 4.571  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 91.400%  |          |
| 41) Toluene-d8                | 7.313  | 98             | 283287   | 4.237  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 84.800%  |          |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79             | 29226    | 4.321  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 86.400%  |          |
| 46) 2-Hexanone-d5             | 8.085  | 63             | 127809   | 44.267 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 88.540%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.210 | 84             | 63402    | 4.409  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 88.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.619 | 152            | 99206    | 4.748  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 95.000%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 12) 1,1-Dichloroethene        | 2.117  | 96             | 8887     | 0.546  | ug/L #   | 1        |
| 16) Methylene chloride        | 2.506  | 84             | 27142    | 1.290  | ug/L     | 95       |
| 19) 1,1-Dichloroethane        | 3.191  | 63             | 3094     | 0.100  | ug/L #   | 82       |
| 22) cis-1,2-Dichloroethene    | 3.912  | 96             | 13744    | 0.717  | ug/L     | 86       |
| 34) Trichloroethene           | 5.915  | 95             | 50932    | 2.616  | ug/L     | 96       |
| 47) Tetrachloroethene         | 7.969  | 164            | 96342    | 6.181  | ug/L     | 98       |
| -----                         |        |                |          |        |          |          |

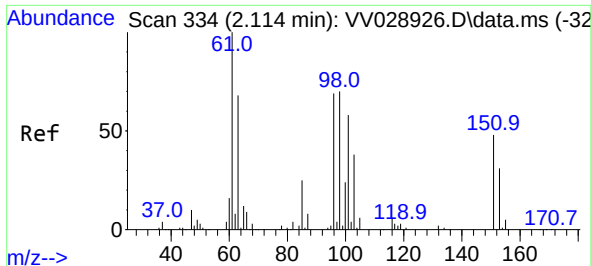
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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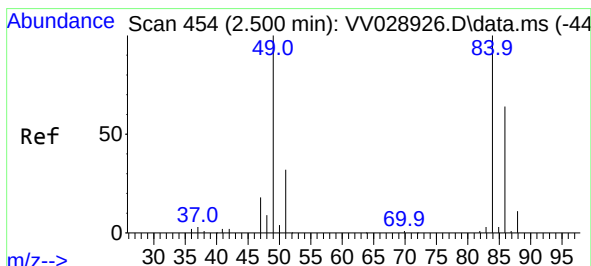
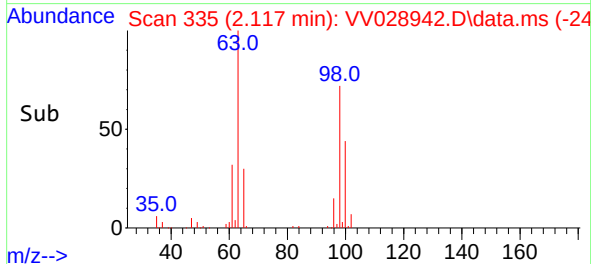
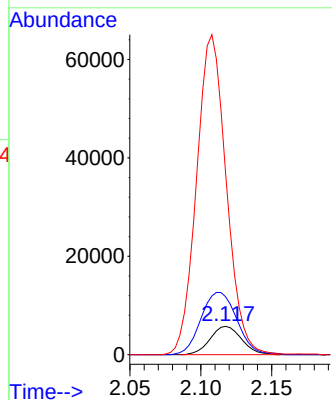
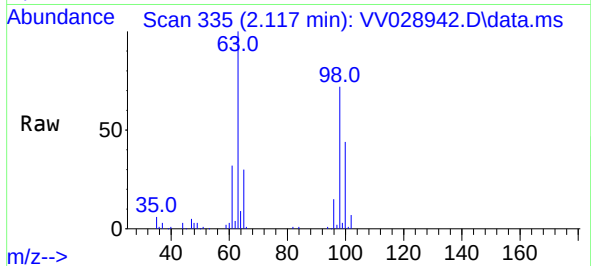




#12  
1,1-Dichloroethene  
Concen: 0.546 ug/L  
RT: 2.117 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VV028942.D  
Acq: 14 Nov 2022 16:47

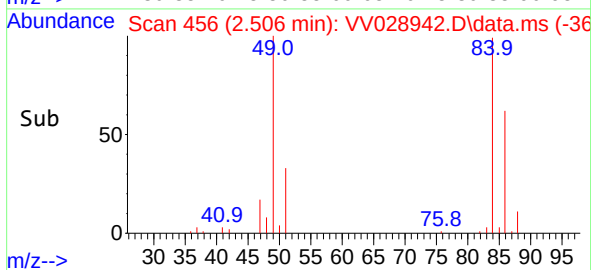
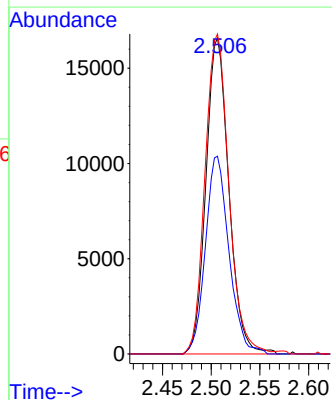
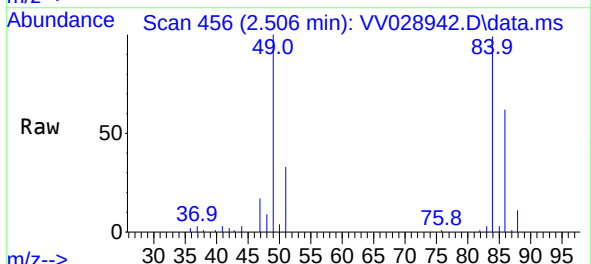
Instrument :  
MSVOA\_V  
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H0AB9DL

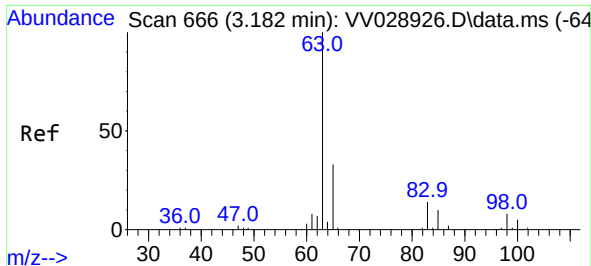
Tgt Ion: 96 Resp: 8887  
Ion Ratio Lower Upper  
96 100  
61 204.8 104.2 193.4#  
63 645.3 75.9 140.9#



#16  
Methylene chloride  
Concen: 1.290 ug/L  
RT: 2.506 min Scan# 456  
Delta R.T. 0.006 min  
Lab File: VV028942.D  
Acq: 14 Nov 2022 16:47

Tgt Ion: 84 Resp: 27142  
Ion Ratio Lower Upper  
84 100  
86 62.6 45.8 85.0  
49 101.3 75.5 140.1

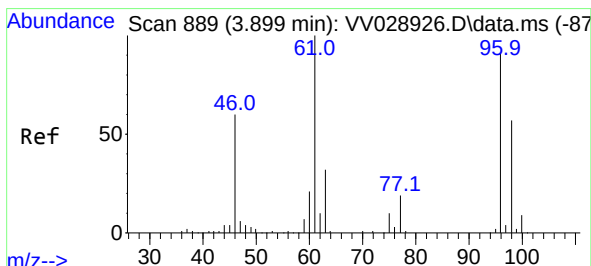
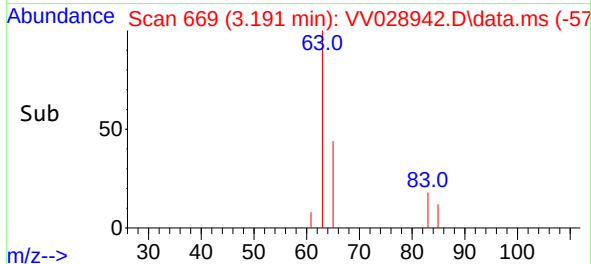
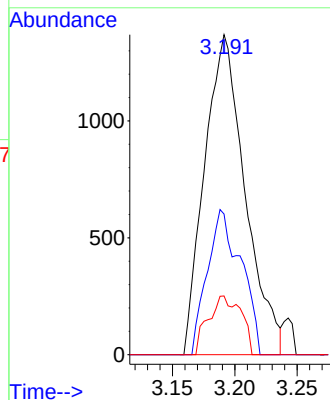
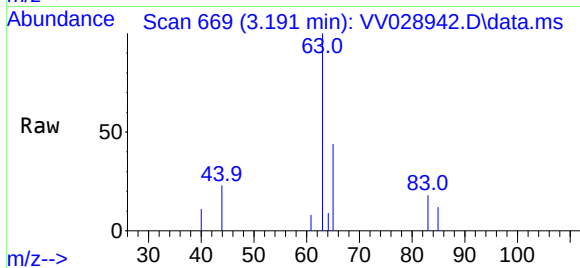




#19  
1,1-Dichloroethane  
Concen: 0.100 ug/L  
RT: 3.191 min Scan# 60  
Delta R.T. 0.009 min  
Lab File: VV028942.D  
Acq: 14 Nov 2022 16:47

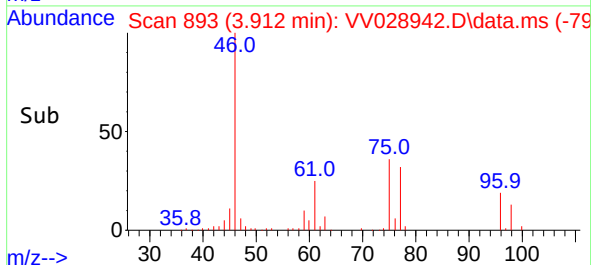
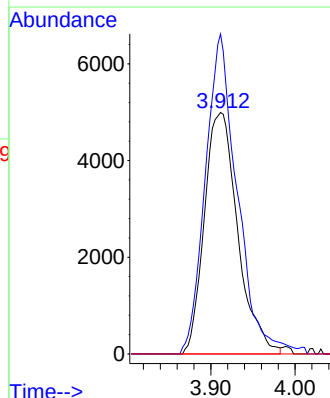
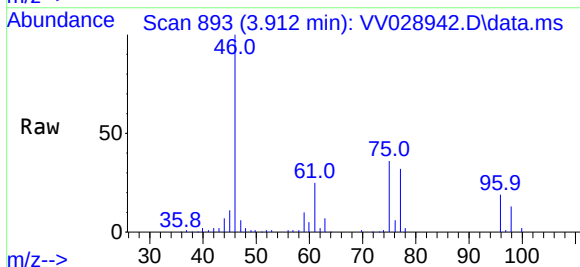
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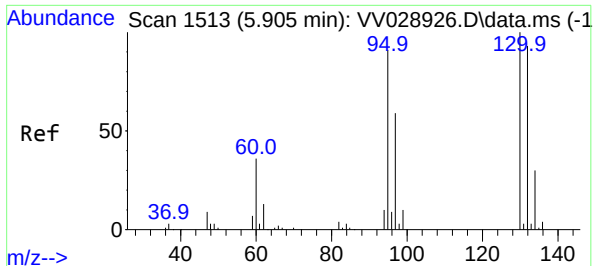
Tgt Ion: 63 Resp: 3094  
Ion Ratio Lower Upper  
63 100  
65 44.0 23.0 42.6#  
83 18.3 9.4 17.6#



#22  
cis-1,2-Dichloroethene  
Concen: 0.717 ug/L  
RT: 3.912 min Scan# 893  
Delta R.T. 0.013 min  
Lab File: VV028942.D  
Acq: 14 Nov 2022 16:47

Tgt Ion: 96 Resp: 13744  
Ion Ratio Lower Upper  
96 100  
61 132.5 82.3 152.9  
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 2.616 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.009 min

Lab File: VV028942.D

Acq: 14 Nov 2022 16:47

Instrument :

MSVOA\_V

ClientSampleId :

H0AB9DL

Tgt Ion: 95 Resp: 50932

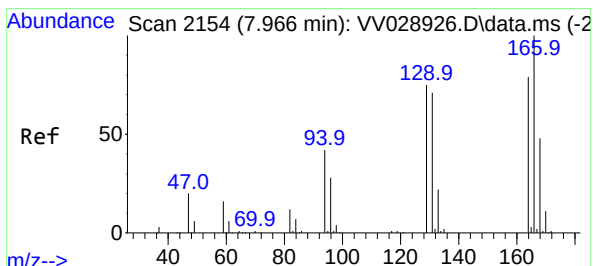
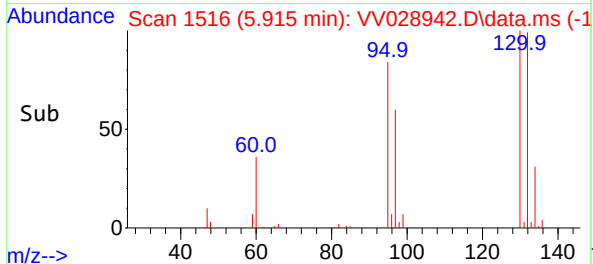
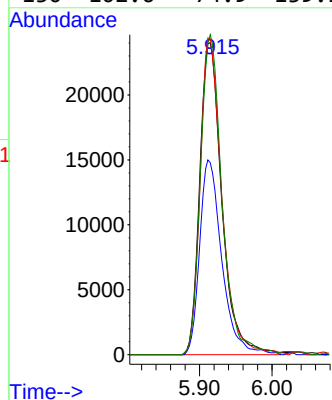
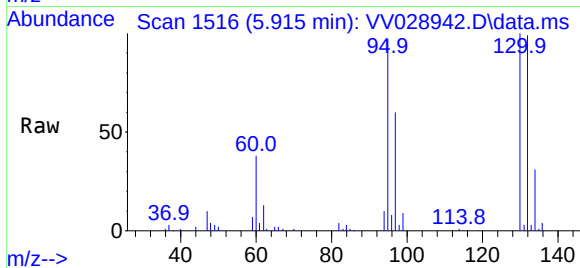
Ion Ratio Lower Upper

95 100

97 61.5 45.6 84.8

132 101.3 69.1 128.3

130 102.6 74.9 139.1



#47

Tetrachloroethene

Concen: 6.181 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV028942.D

Acq: 14 Nov 2022 16:47

Tgt Ion:164 Resp: 96342

Ion Ratio Lower Upper

164 100

129 94.1 63.9 118.7

131 90.0 61.8 114.8

166 130.8 90.2 167.4

