

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW012822\  
 Data File : VW024495.D  
 Acq On : 28 Jan 2022 18:48  
 Operator : SY/MD  
 Sample : N1328-05 100X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COHM4

Quant Time: Jan 29 03:52:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Jan 29 03:50:16 2022  
 Response via : Initial Calibration

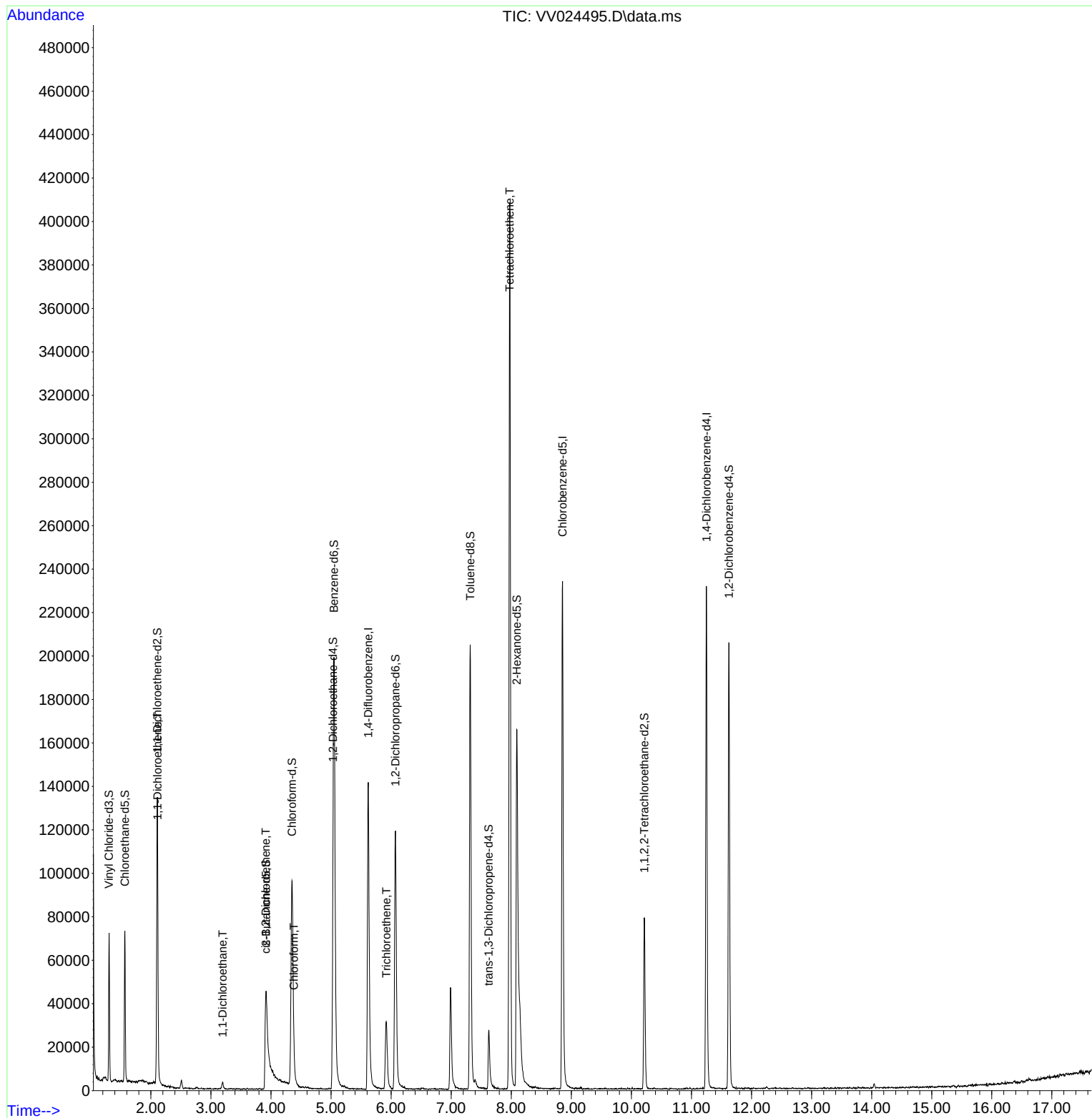
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 124349   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117   | 132471   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 62041    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 41304    | 3.791    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 75.800%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 42649    | 4.488    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 89.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 68723    | 3.300    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 66.000%  |
| 20) 2-Butanone-d5             | 3.918  | 46    | 55807    | 32.142   | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 64.280%  |
| 24) Chloroform-d              | 4.349  | 84    | 100735   | 4.873    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 48917    | 5.225    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 104.400% |
| 32) Benzene-d6                | 5.050  | 84    | 177397   | 4.484    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 60210    | 4.833    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 96.600%  |
| 41) Toluene-d8                | 7.317  | 98    | 139755   | 3.850    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 77.000%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 18158    | 4.244    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 84.800%  |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 72664    | 49.675   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 99.340%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 39128    | 5.277    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 105.600% |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 55026    | 5.172    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 103.400% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.114  | 96    | 2565     | 0.274    | ug/L   | # 1      |
| 19) 1,1-Dichloroethane        | 3.195  | 63    | 3226     | 0.193    | ug/L   | 99       |
| 22) cis-1,2-Dichloroethene    | 3.912  | 96    | 12348    | 1.371    | ug/L   | 96       |
| 25) Chloroform                | 4.381  | 83    | 4502     | 0.237    | ug/L   | 95       |
| 34) Trichloroethene           | 5.921  | 95    | 11408    | 1.138    | ug/L   | 93       |
| 47) Tetrachloroethene         | 7.976  | 164   | 93194    | 11.804   | ug/L   | 96       |
| -----                         |        |       |          |          |        |          |

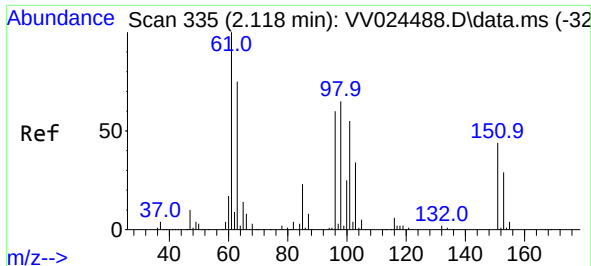
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jan 29 03:50:16 2022  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.274 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV024495.D

Acq: 28 Jan 2022 18:48

Instrument :

MSVOA\_V

ClientSampleId :

COHM4

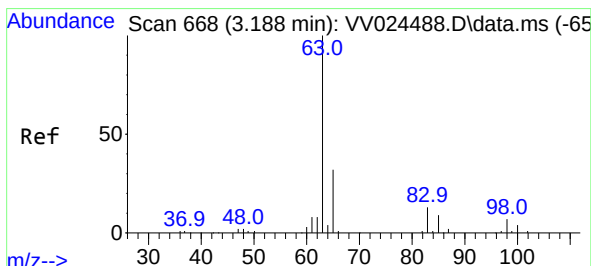
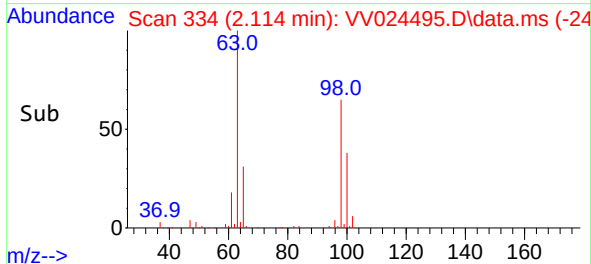
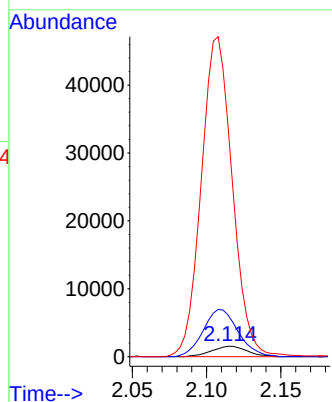
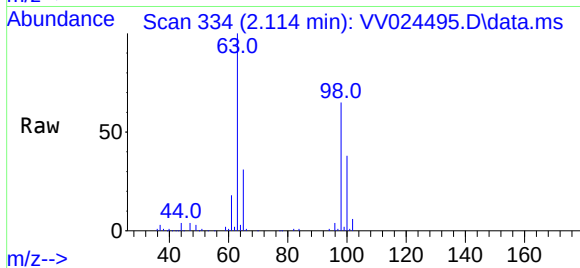
Tgt Ion: 96 Resp: 2565

Ion Ratio Lower Upper

96 100

61 401.5 116.1 215.5#

63 2238.2 79.4 147.4#



#19

1,1-Dichloroethane

Concen: 0.193 ug/L

RT: 3.195 min Scan# 670

Delta R.T. 0.006 min

Lab File: VV024495.D

Acq: 28 Jan 2022 18:48

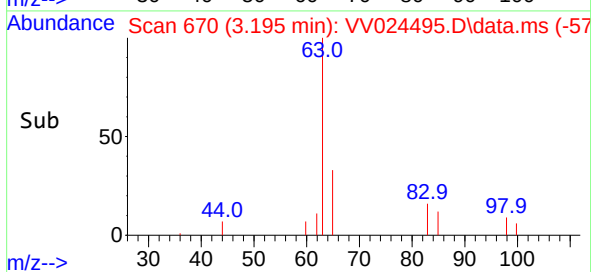
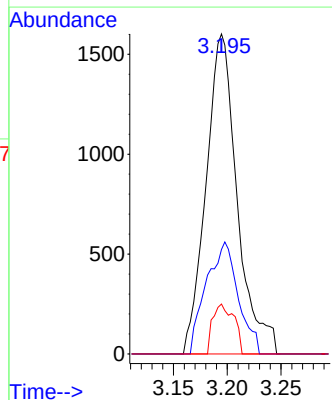
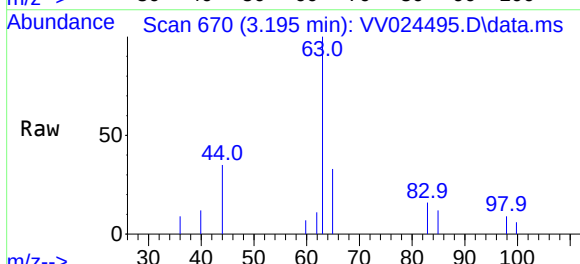
Tgt Ion: 63 Resp: 3226

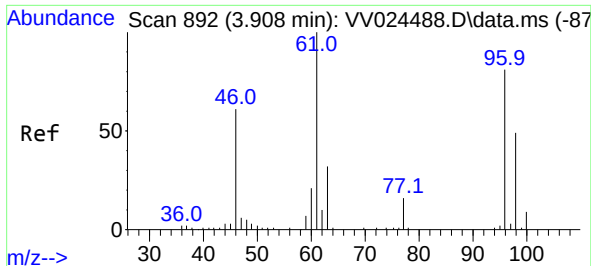
Ion Ratio Lower Upper

63 100

65 32.6 22.3 41.3

83 15.6 10.7 19.9

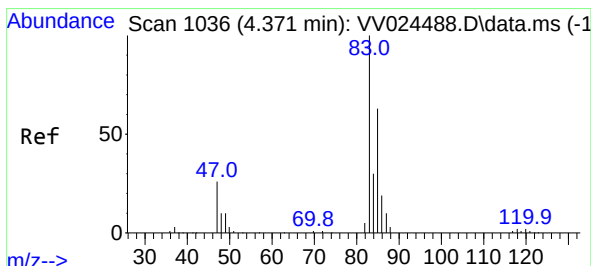
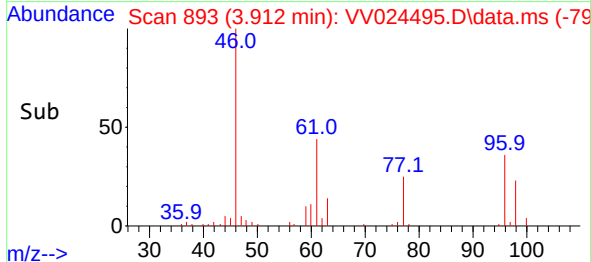
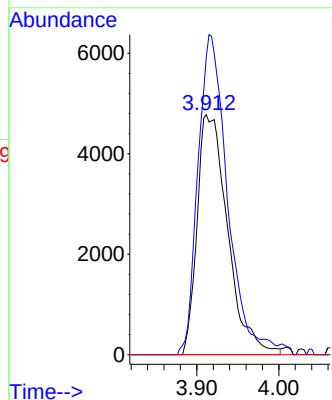
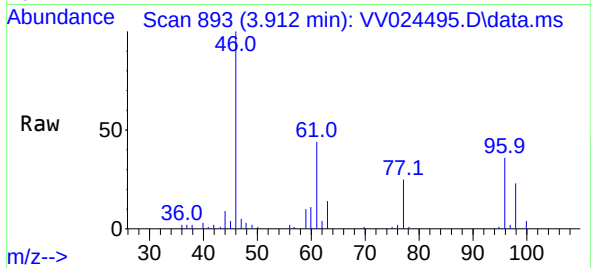




#22  
 cis-1,2-Dichloroethene  
 Concen: 1.371 ug/L  
 RT: 3.912 min Scan# 89  
 Delta R.T. 0.003 min  
 Lab File: VV024495.D  
 Acq: 28 Jan 2022 18:48

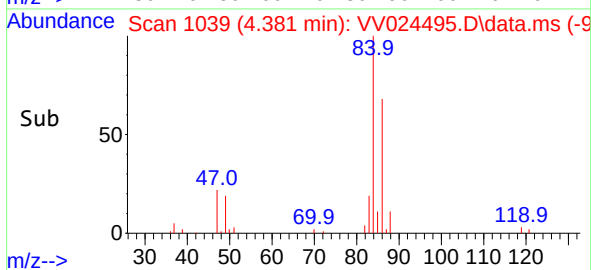
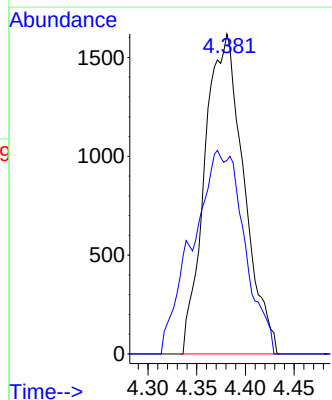
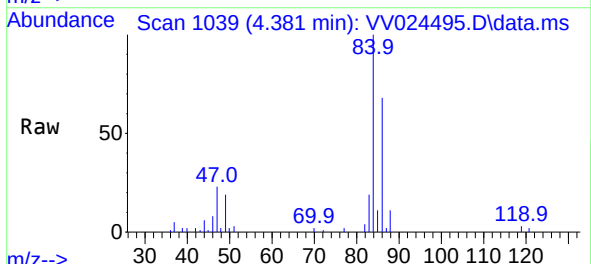
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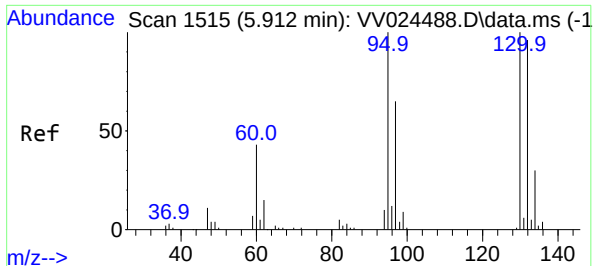
Tgt Ion: 96 Resp: 12348  
 Ion Ratio Lower Upper  
 96 100  
 61 123.9 83.4 154.8  
 68 0.0 0.0 0.0



#25  
 Chloroform  
 Concen: 0.237 ug/L  
 RT: 4.381 min Scan# 1039  
 Delta R.T. 0.010 min  
 Lab File: VV024495.D  
 Acq: 28 Jan 2022 18:48

Tgt Ion: 83 Resp: 4502  
 Ion Ratio Lower Upper  
 83 100  
 85 60.5 45.2 84.0

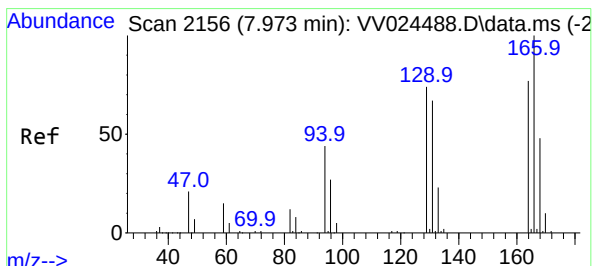
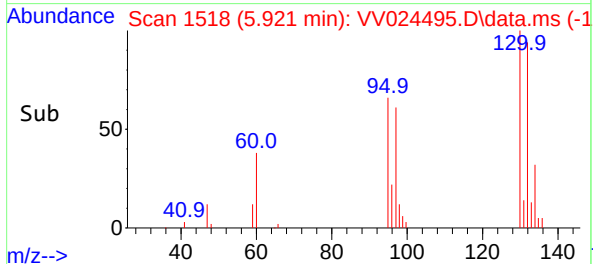
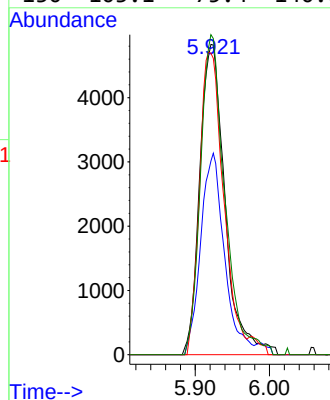
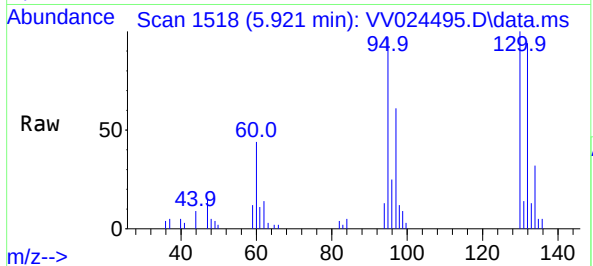




#34  
Trichloroethene  
Concen: 1.138 ug/L  
RT: 5.921 min Scan# 11  
Delta R.T. 0.009 min  
Lab File: VV024495.D  
Acq: 28 Jan 2022 18:48

Instrument :  
MSVOA\_V  
ClientSampleId :  
COHM4

Tgt Ion: 95 Resp: 11408  
Ion Ratio Lower Upper  
95 100  
97 62.4 45.2 84.0  
132 97.2 76.1 141.3  
130 103.1 75.4 140.0



#47  
Tetrachloroethene  
Concen: 11.804 ug/L  
RT: 7.976 min Scan# 2157  
Delta R.T. 0.003 min  
Lab File: VV024495.D  
Acq: 28 Jan 2022 18:48

Tgt Ion:164 Resp: 93194  
Ion Ratio Lower Upper  
164 100  
129 95.9 62.6 116.2  
131 91.6 61.0 113.4  
166 127.5 87.3 162.1

