

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW010722\  
 Data File : VW021791.D  
 Acq On : 07 Jan 2022 22:18  
 Operator : SY/VA  
 Sample : N1074-01  
 Misc : 6.26g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLK0

Quant Time: Jan 07 23:04:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM122821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jan 07 22:46:04 2022  
 Response via : Initial Calibration

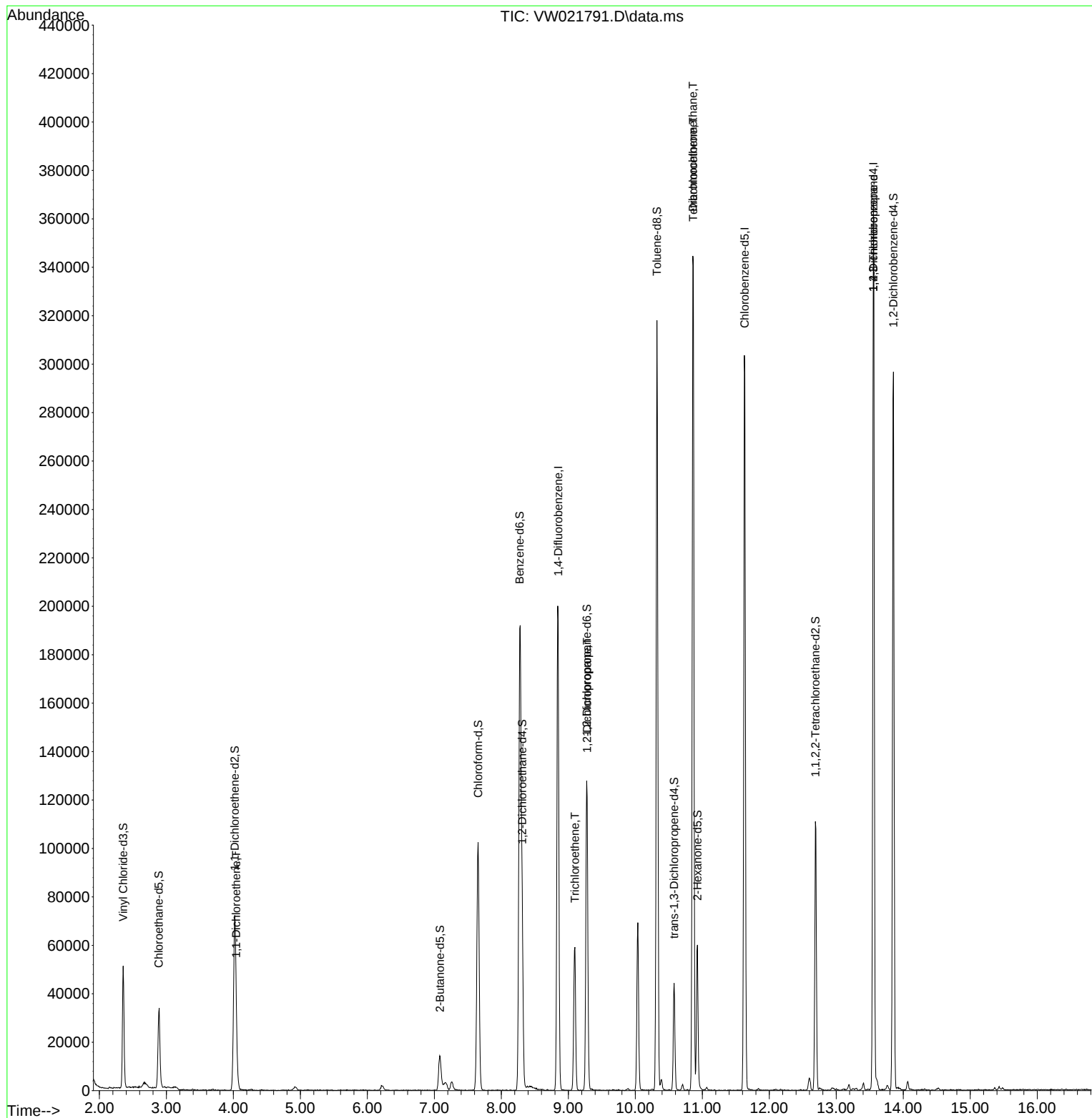
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 185861   | 25.000   | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 188101   | 25.000   | ug/L  | # 0.00   |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 104797   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 48149    | 13.139   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 52.560%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 35463    | 14.368   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 57.480%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 64880    | 12.098   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 48.400%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 23111    | 43.107   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 86.220%  |
| 24) Chloroform-d              | 7.653  | 84    | 103899   | 17.896   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 71.600%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 56150    | 18.316   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 73.280%  |
| 32) Benzene-d6                | 8.275  | 84    | 212097   | 18.990   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 75.960%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 58195    | 19.207   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 76.840%  |
| 41) Toluene-d8                | 10.323 | 98    | 209269   | 18.805   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 75.240%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 24181    | 16.401   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 65.600%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 20988    | 45.675   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 91.340%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 50390    | 20.173   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 80.680%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 82526    | 20.593   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 82.360%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 12) 1,1-Dichloroethene        | 4.044  | 96    | 2477     | 0.900    | ug/L  | # 1      |
| 34) Trichloroethene           | 9.098  | 95    | 19828    | 6.086    | ug/L  | 87       |
| 37) 1,2-Dichloropropane       | 9.281  | 63    | 6865     | 2.699    | ug/L  | # 88     |
| 46) Tetrachloroethene         | 10.866 | 164   | 84123    | 27.572   | ug/L  | 95       |
| 49) Dibromochloromethane      | 10.860 | 129   | 70686    | 24.902   | ug/L  | # 10     |
| 61) 1,2,3-Trichloropropane    | 13.554 | 75    | 10422    | 6.499    | ug/L  | # 67     |
| -----                         |        |       |          |          |       |          |

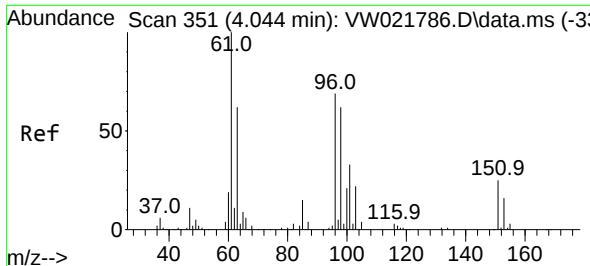
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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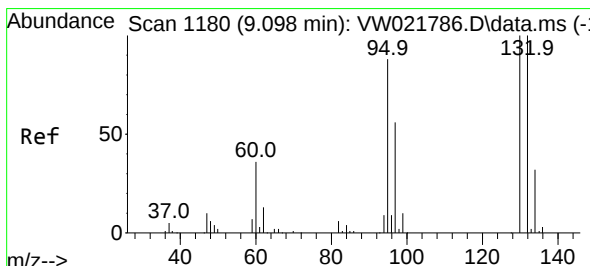
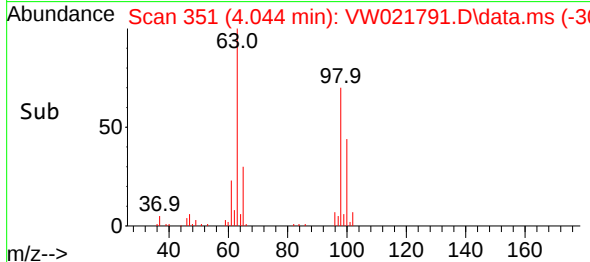
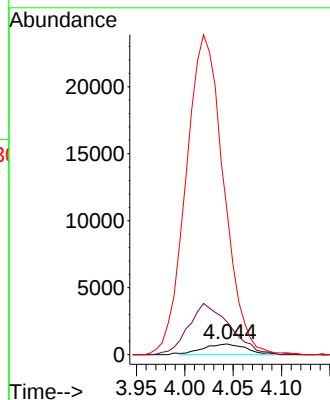
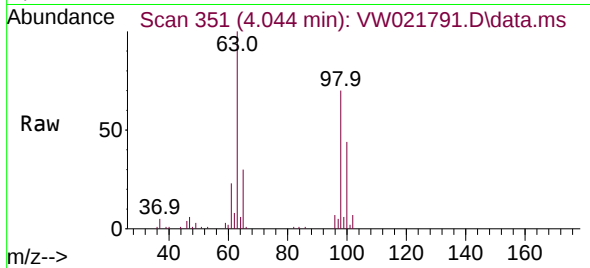




#12  
1,1-Dichloroethene  
Concen: 0.900 ug/L  
RT: 4.044 min Scan# 351  
Delta R.T. -0.000 min  
Lab File: VW021791.D  
Acq: 07 Jan 2022 22:18

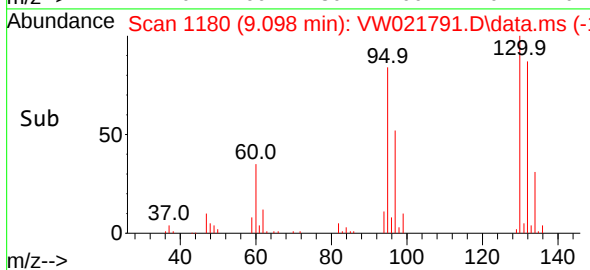
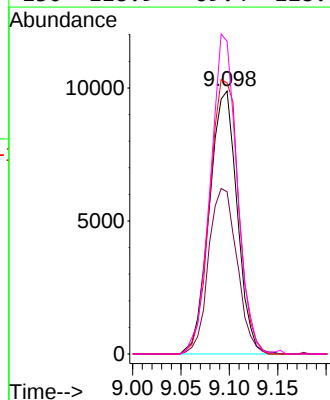
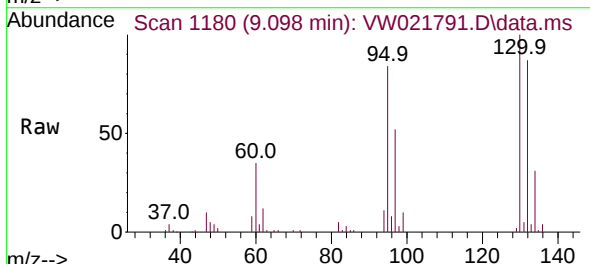
Instrument :  
MSVOA\_W  
ClientSampleId :  
BGLK0

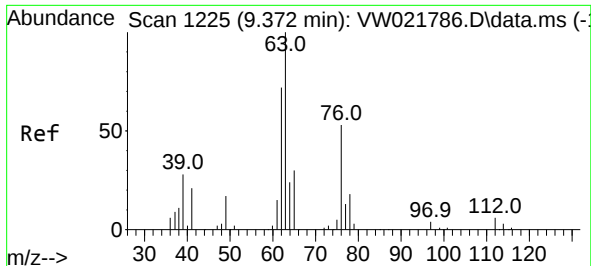
Tgt Ion: 96 Resp: 2477  
Ion Ratio Lower Upper  
96 100  
61 307.7 138.3 256.9#  
63 1343.5 82.6 153.4#



#34  
Trichloroethene  
Concen: 6.086 ug/L  
RT: 9.098 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VW021791.D  
Acq: 07 Jan 2022 22:18

Tgt Ion: 95 Resp: 19828  
Ion Ratio Lower Upper  
95 100  
97 61.7 47.0 87.2  
132 103.1 65.5 121.6  
130 118.9 69.4 128.8





#37

1,2-Dichloropropane

Concen: 2.699 ug/L

RT: 9.281 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021791.D

Acq: 07 Jan 2022 22:18

Instrument :

MSVOA\_W

ClientSampleId :

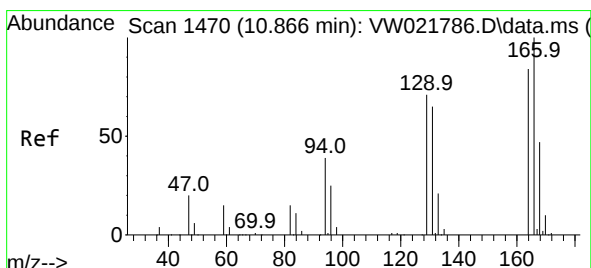
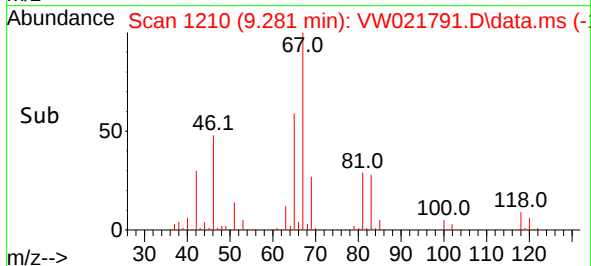
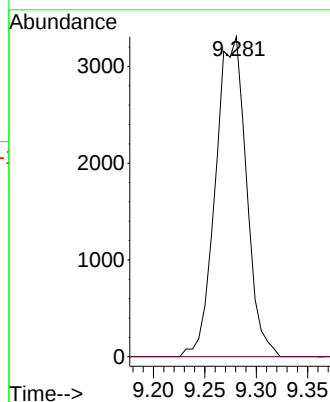
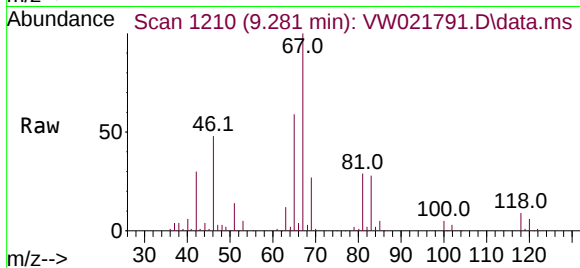
BGLK0

Tgt Ion: 63 Resp: 6865

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#46

Tetrachloroethene

Concen: 27.572 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VW021791.D

Acq: 07 Jan 2022 22:18

Tgt Ion: 164 Resp: 84123

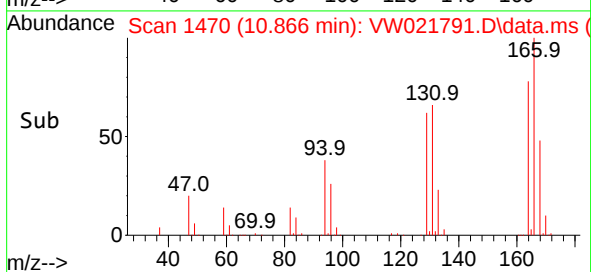
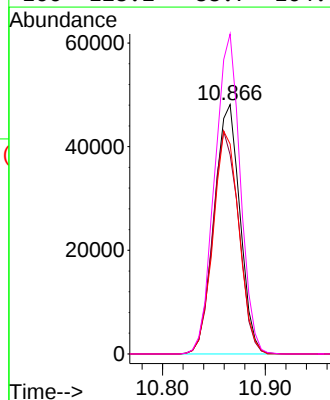
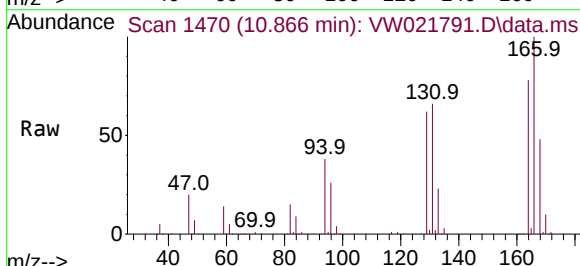
Ion Ratio Lower Upper

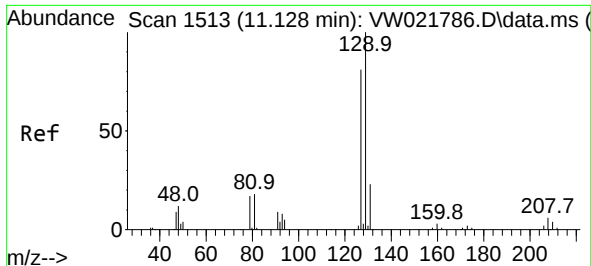
164 100

129 79.9 65.5 121.7

131 84.2 59.7 110.9

166 128.2 88.7 164.7





#49

Dibromochloromethane

Concen: 24.902 ug/L

RT: 10.860 min Scan# 14

Delta R.T. -0.268 min

Lab File: VW021791.D

Acq: 07 Jan 2022 22:18

Instrument :

MSVOA\_W

ClientSampleId :

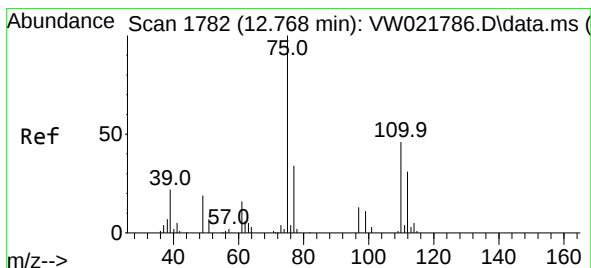
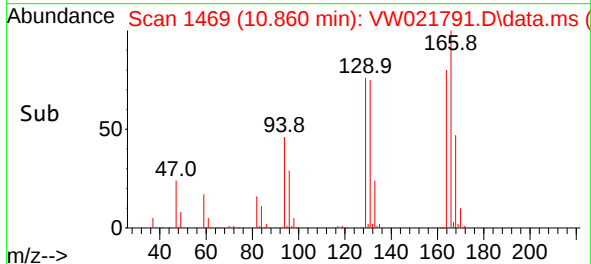
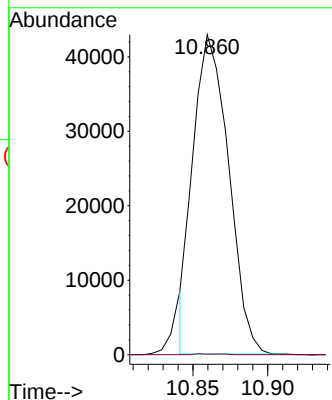
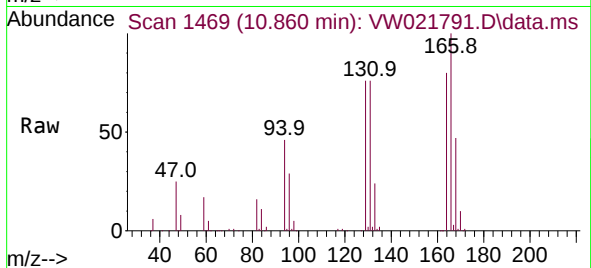
BGLK0

Tgt Ion:129 Resp: 70686

Ion Ratio Lower Upper

129 100

127 0.2 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 6.499 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021791.D

Acq: 07 Jan 2022 22:18

Tgt Ion: 75 Resp: 10422

Ion Ratio Lower Upper

75 100

77 38.4 25.8 38.8

110 4.7 29.0 43.4#

