

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122124\  
 Data File : VW031485.D  
 Acq On : 22 Dec 2024 02:53  
 Operator : SY/MD  
 Sample : P5322-06  
 Misc : 5.28g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 23 02:14:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Dec 23 01:56:19 2024  
 Response via : Initial Calibration

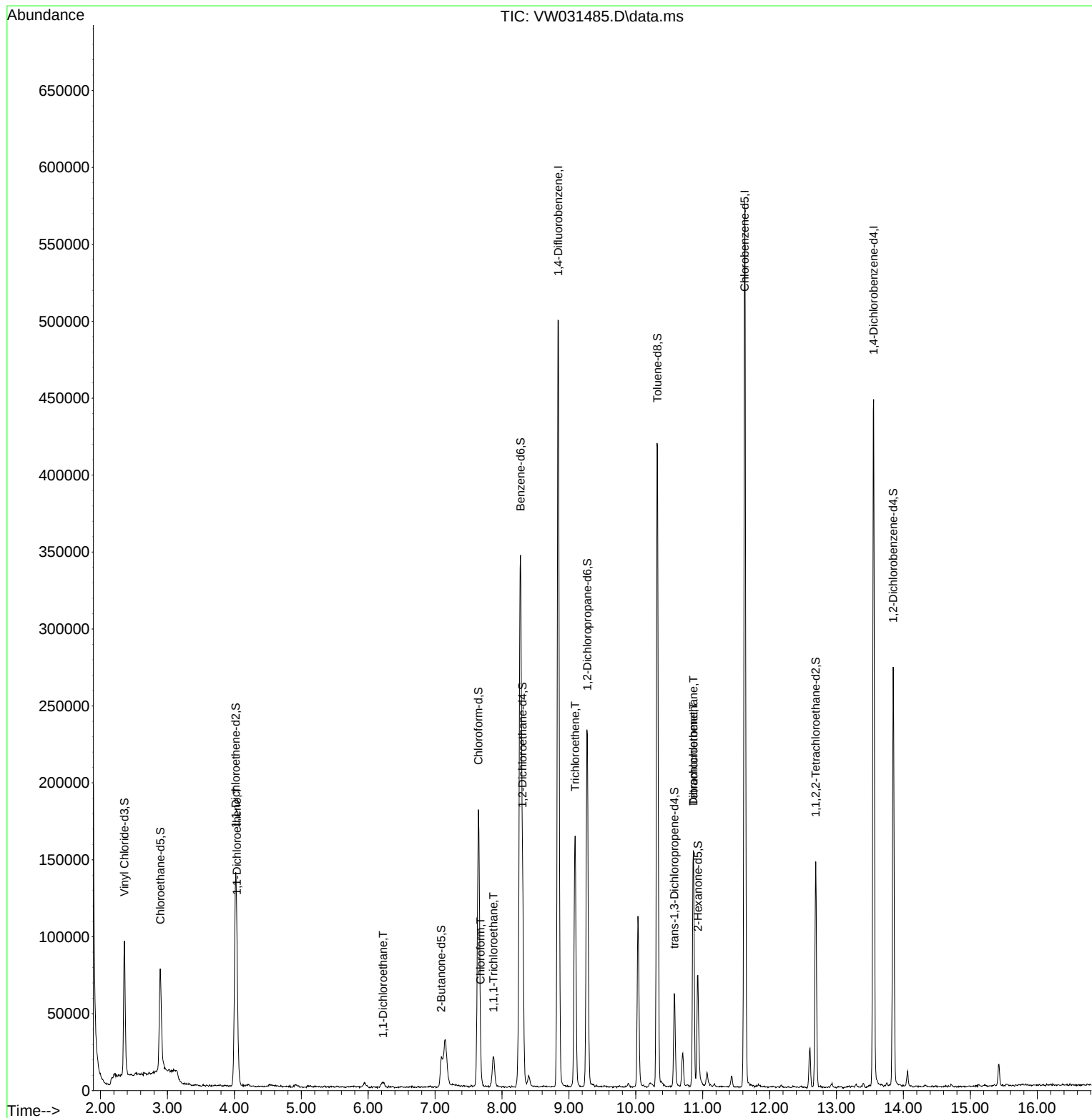
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 424164   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 309197   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 115371   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.356  | 65    | 96989    | 15.197   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 60.800%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 84860    | 17.975   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 71.920%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 39571    | 13.071   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 52.280%  |
| 21) 2-Butanone-d5             | 7.093  | 46    | 36305    | 30.206   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 60.420%  |
| 24) Chloroform-d              | 7.648  | 84    | 178447   | 15.355   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 61.400%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 100848   | 17.279   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 69.120%# |
| 32) Benzene-d6                | 8.276  | 84    | 354793   | 17.903   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 71.600%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 108513   | 18.787   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 75.160%  |
| 41) Toluene-d8                | 10.325 | 98    | 282387   | 15.317   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 61.280%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 33682    | 12.647   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 50.600%  |
| 47) 2-Hexanone-d5             | 10.928 | 63    | 26646    | 34.305   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 68.600%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 71449    | 19.702   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 78.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 69354    | 16.193   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 64.760%# |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 4.039  | 96    | 13473    | 2.591    | ug/L # | 1        |
| 19) 1,1-Dichloroethane        | 6.222  | 63    | 4417     | 0.422    | ug/L   | 94       |
| 25) Chloroform                | 7.679  | 83    | 3827     | 0.370    | ug/L # | 73       |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97    | 15228    | 1.905    | ug/L   | 95       |
| 34) Trichloroethene           | 9.093  | 95    | 56799    | 10.529   | ug/L   | 98       |
| 46) Tetrachloroethene         | 10.861 | 164   | 33765    | 8.545    | ug/L   | 87       |
| 49) Dibromochloromethane      | 10.861 | 129   | 31137    | 8.285    | ug/L # | 9        |

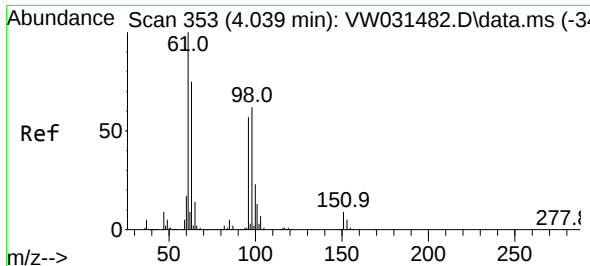
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Mon Dec 23 01:56:19 2024  
Response via : Initial Calibration

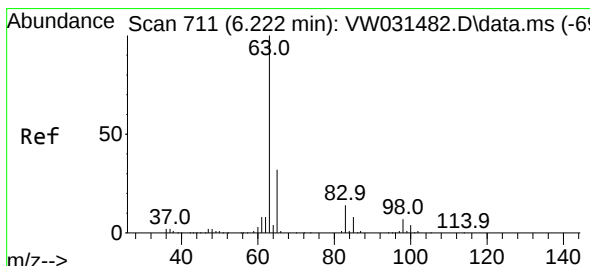
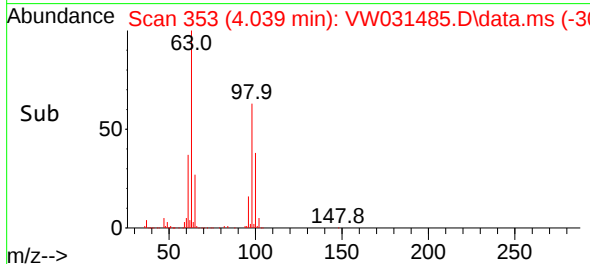
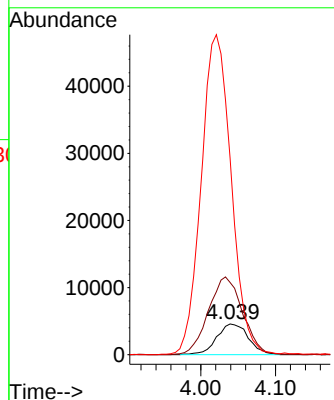
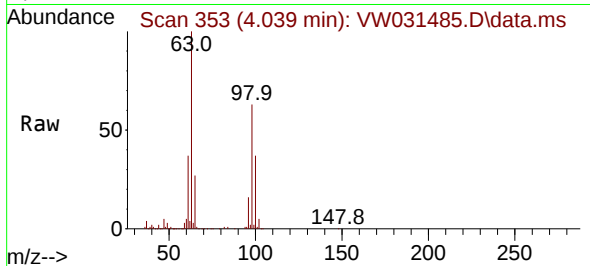




#12  
1,1-Dichloroethene  
Concen: 2.591 ug/L  
RT: 4.039 min Scan# 353  
Delta R.T. -0.000 min  
Lab File: VW031485.D  
Acq: 22 Dec 2024 02:53

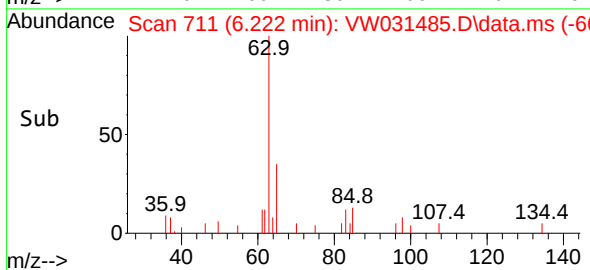
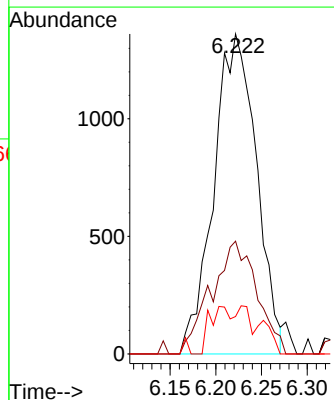
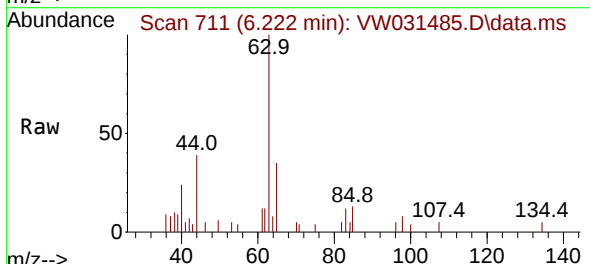
Instrument :  
MSVOA\_W  
ClientSampleId :

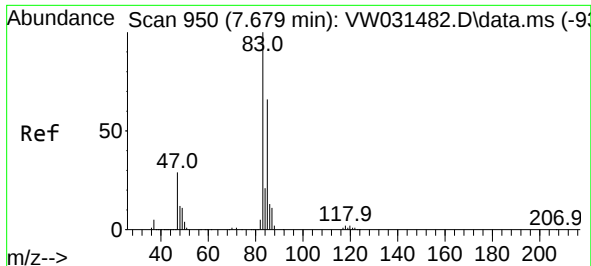
Tgt Ion: 96 Resp: 13473  
Ion Ratio Lower Upper  
96 100  
61 234.4 125.3 232.7#  
63 637.4 104.6 194.2#



#19  
1,1-Dichloroethane  
Concen: 0.422 ug/L  
RT: 6.222 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: VW031485.D  
Acq: 22 Dec 2024 02:53

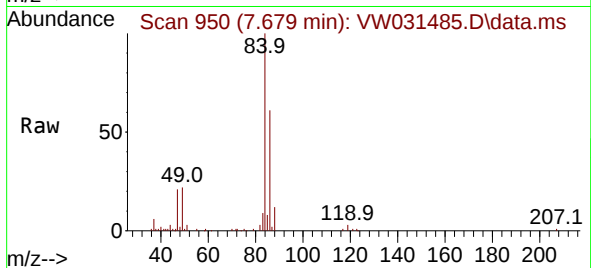
Tgt Ion: 63 Resp: 4417  
Ion Ratio Lower Upper  
63 100  
65 35.3 21.9 40.7  
83 11.7 9.3 17.3



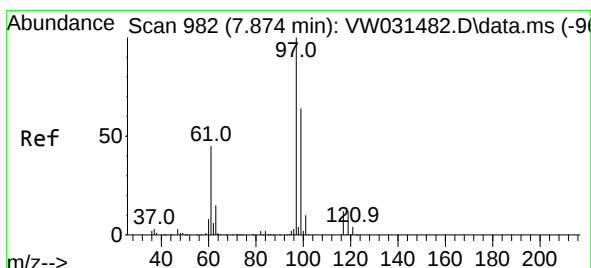
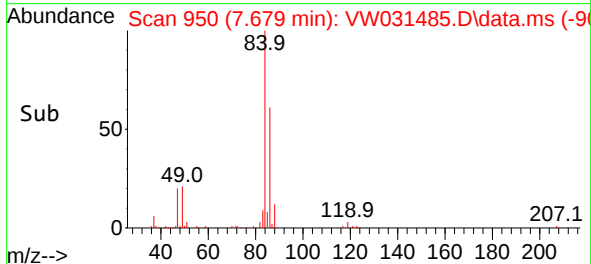
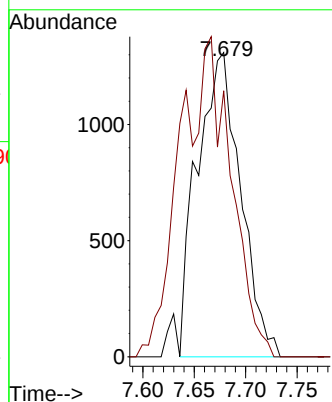


#25  
Chloroform  
Concen: 0.370 ug/L  
RT: 7.679 min Scan# 910  
Delta R.T. -0.000 min  
Lab File: VW031485.D  
Acq: 22 Dec 2024 02:53

Instrument :  
MSVOA\_W  
ClientSampleId :

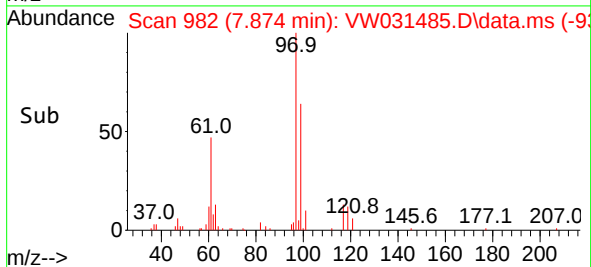
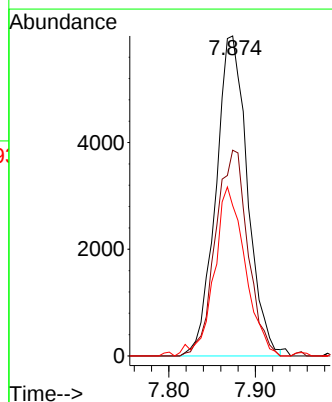
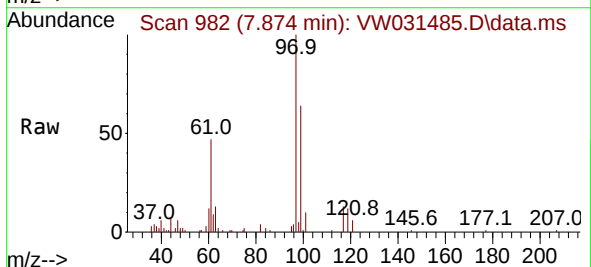


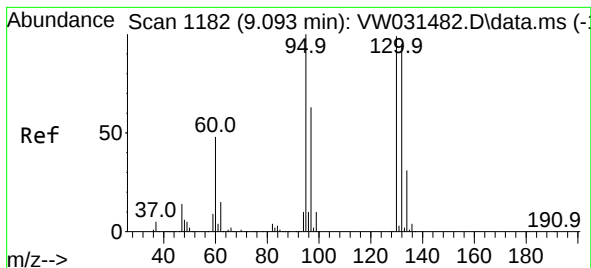
Tgt Ion: 83 Resp: 3827  
Ion Ratio Lower Upper  
83 100  
85 87.4 46.1 85.5#



#30  
1,1,1-Trichloroethane  
Concen: 1.905 ug/L  
RT: 7.874 min Scan# 982  
Delta R.T. -0.000 min  
Lab File: VW031485.D  
Acq: 22 Dec 2024 02:53

Tgt Ion: 97 Resp: 15228  
Ion Ratio Lower Upper  
97 100  
99 65.9 51.1 76.7  
61 50.6 36.3 54.5





#34

Trichloroethene

Concen: 10.529 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

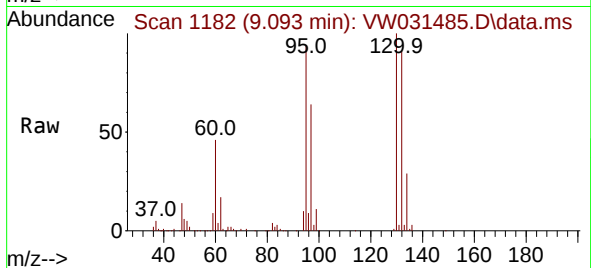
Lab File: VW031485.D

Acq: 22 Dec 2024 02:53

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion: 95 Resp: 56799

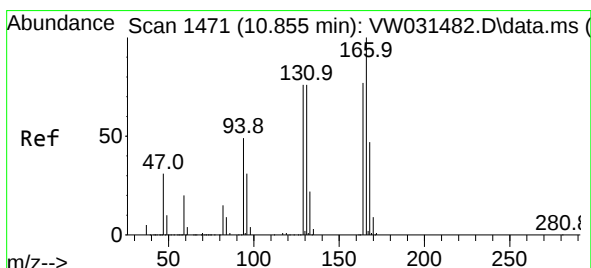
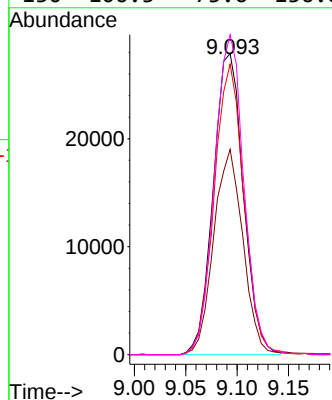
Ion Ratio Lower Upper

95 100

97 68.1 46.5 86.3

132 96.5 70.3 130.5

130 106.3 73.6 136.8



#46

Tetrachloroethene

Concen: 8.545 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW031485.D

Acq: 22 Dec 2024 02:53

Tgt Ion:164 Resp: 33765

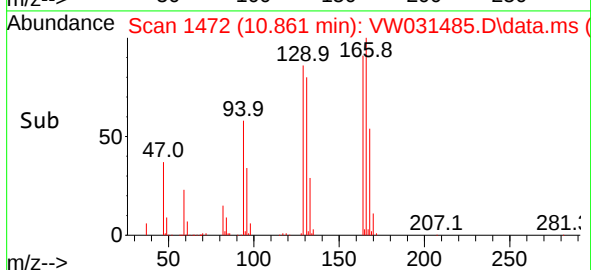
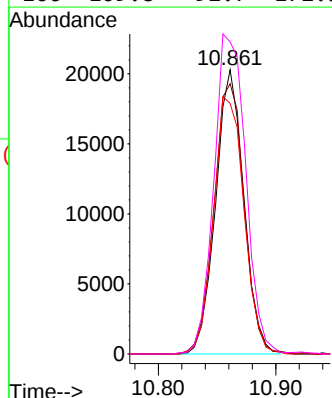
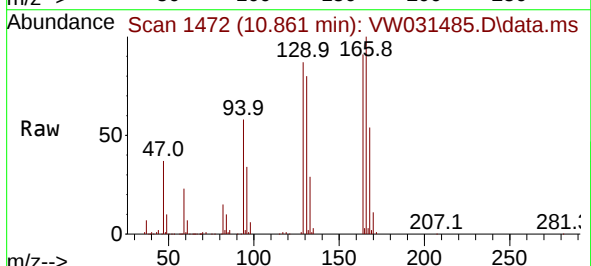
Ion Ratio Lower Upper

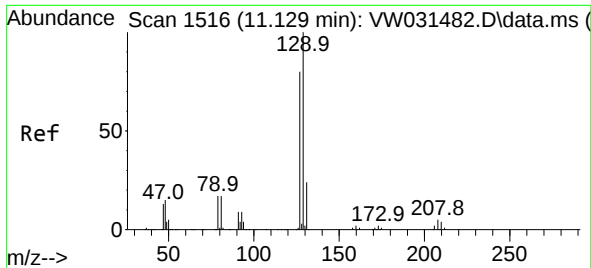
164 100

129 95.1 73.5 136.5

131 88.2 66.6 123.8

166 109.8 92.7 172.3





#49

Dibromochloromethane

Concen: 8.285 ug/L

RT: 10.861 min Scan# 14

Delta R.T. -0.268 min

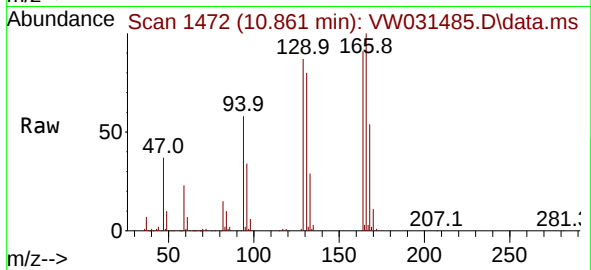
Lab File: VW031485.D

Acq: 22 Dec 2024 02:53

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion:129 Resp: 31137

Ion Ratio Lower Upper

129 100

127 0.7 57.6 107.0#

