

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW120823\  
 Data File : VW033182.D  
 Acq On : 08 Dec 2023 12:00  
 Operator : SY/MD  
 Sample : 05673-05DL 5X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Dec 08 21:59:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM120123WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 08 21:51:12 2023  
 Response via : Initial Calibration

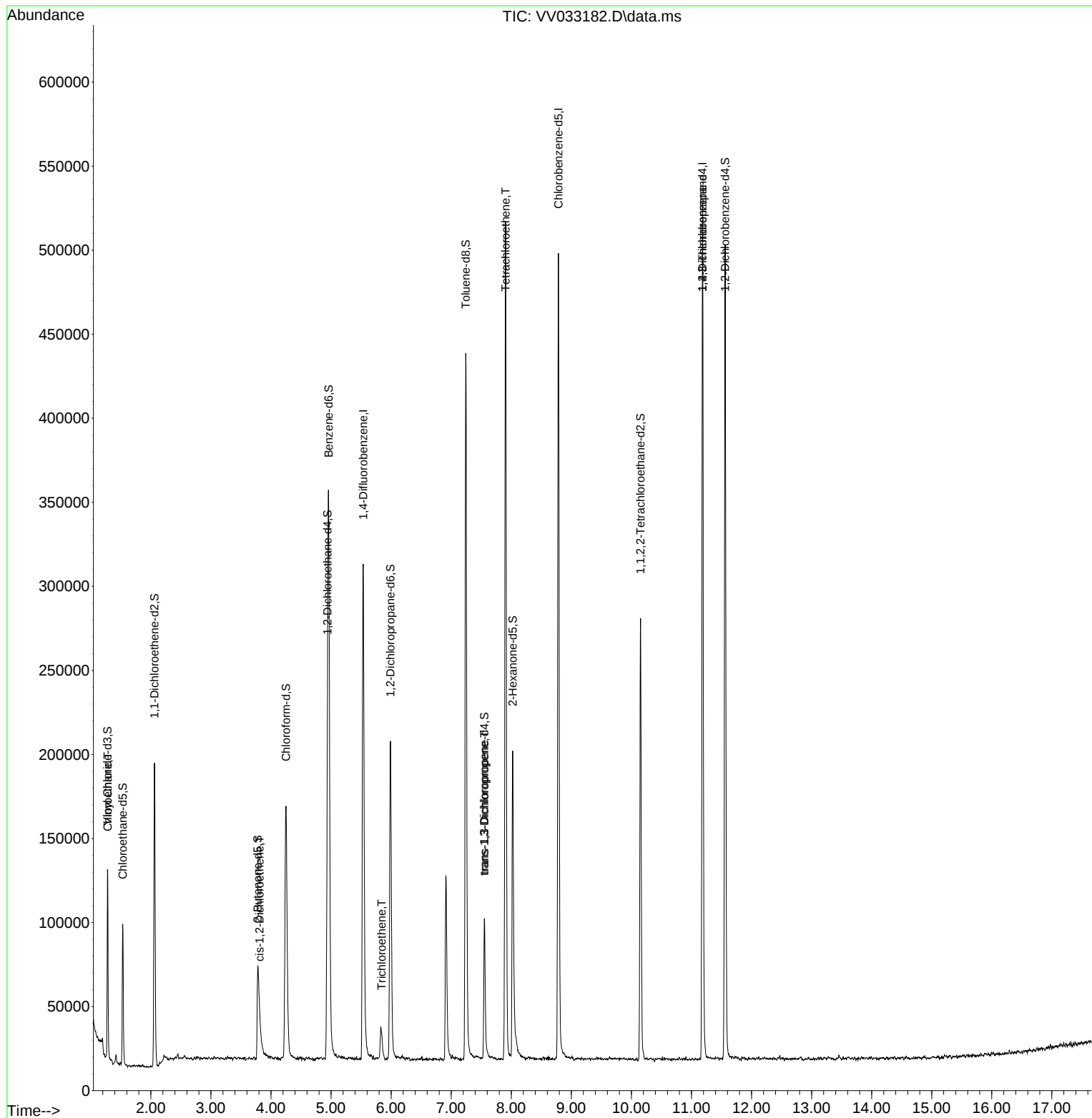
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535   | 114   | 277046   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786   | 117   | 278707   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185  | 152   | 143301   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 71051    | 42.901   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 85.800%  |
| 7) Chloroethane-d5            | 1.532   | 69    | 54176    | 46.948   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 93.900%  |
| 11) 1,1-Dichloroethene-d2     | 2.060   | 65    | 29449    | 46.741   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 93.480%  |
| 21) 2-Butanone-d5             | 3.780   | 46    | 75295    | 91.534   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 91.530%  |
| 24) Chloroform-d              | 4.249   | 84    | 167095   | 47.541   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.080%  |
| 26) 1,2-Dichloroethane-d4     | 4.941   | 65    | 107417   | 49.156   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 98.320%  |
| 32) Benzene-d6                | 4.960   | 84    | 315218   | 48.359   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 96.720%  |
| 36) 1,2-Dichloropropane-d6    | 5.989   | 67    | 83171    | 47.455   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 94.920%  |
| 41) Toluene-d8                | 7.243   | 98    | 290626   | 46.739   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 93.480%  |
| 43) trans-1,3-Dichloroprop... | 7.551   | 79    | 48116    | 43.416   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 86.840%  |
| 47) 2-Hexanone-d5             | 8.024   | 63    | 64502    | 91.611   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 91.610%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153  | 84    | 112538   | 45.170   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 90.340%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.561  | 152   | 131201   | 51.458   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 102.920% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 8) Chloroethane               | 1.281   | 64    | 1101     | 1.080    | ug/L # | 1        |
| 20) cis-1,2-Dichloroethene    | 3.809   | 96    | 1969     | 1.018    | ug/L   | 93       |
| 34) Trichloroethene           | 5.844   | 95    | 2631     | 1.247    | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 7.555   | 75    | 2717     | 0.906    | ug/L   | 85       |
| 46) Tetrachloroethene         | 7.905   | 164   | 114899   | 63.346   | ug/L   | 96       |
| 61) 1,2,3-Trichloropropane    | 11.185  | 75    | 12733    | 7.126    | ug/L # | 62       |
| -----                         |         |       |          |          |        |          |

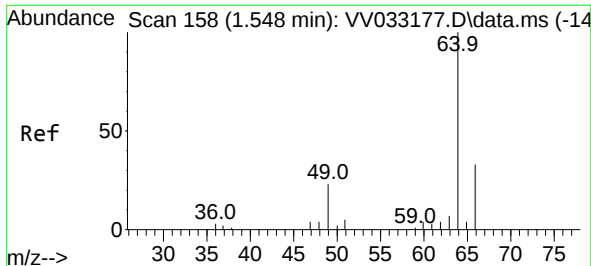
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Dec 08 21:51:12 2023  
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.080 ug/L

RT: 1.281 min Scan# 71

Delta R.T. -0.267 min

Lab File: VV033182.D

Acq: 08 Dec 2023 12:00

Instrument :

MSVOA\_V

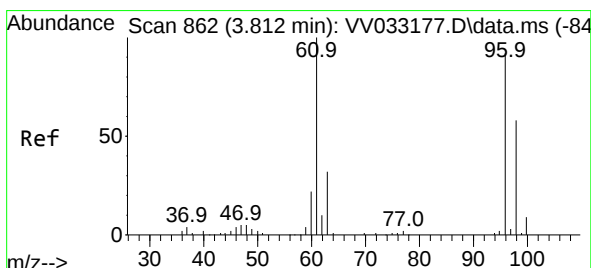
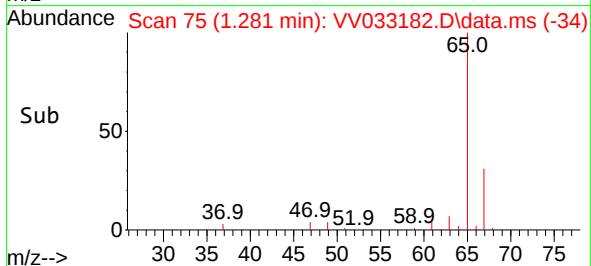
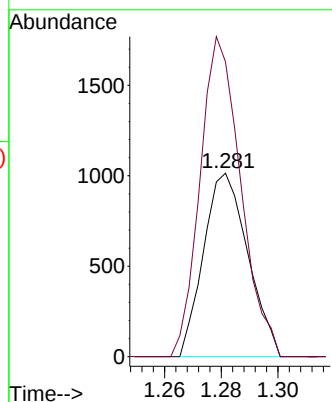
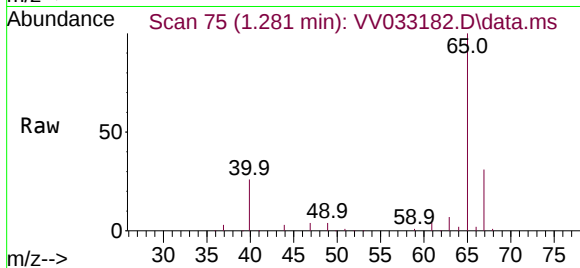
ClientSampleId :

Tgt Ion: 64 Resp: 1101

Ion Ratio Lower Upper

64 100

66 160.6 22.3 41.5#



#20

cis-1,2-Dichloroethene

Concen: 1.018 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.003 min

Lab File: VV033182.D

Acq: 08 Dec 2023 12:00

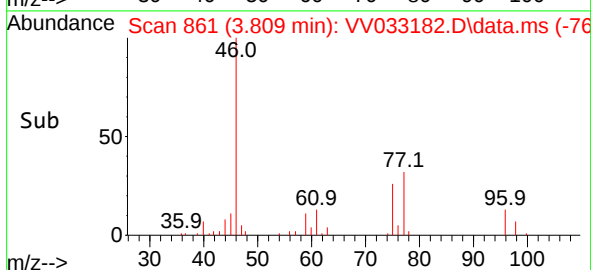
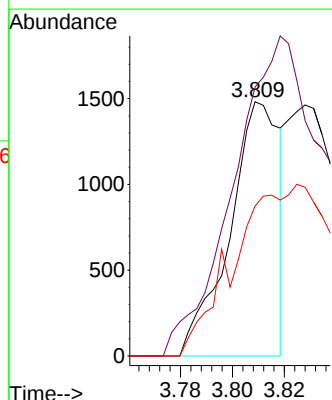
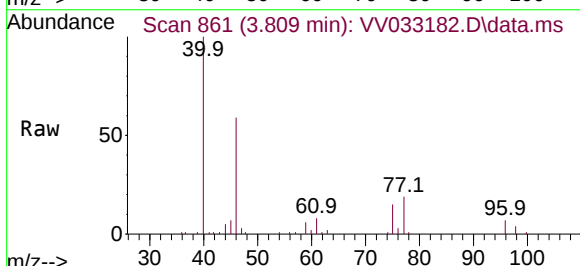
Tgt Ion: 96 Resp: 1969

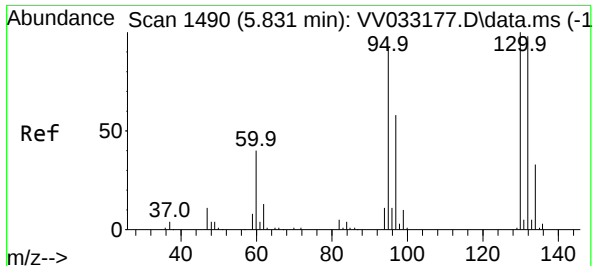
Ion Ratio Lower Upper

96 100

61 105.8 79.1 146.9

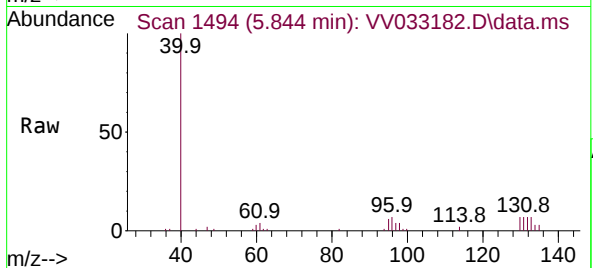
98 59.0 45.1 83.7



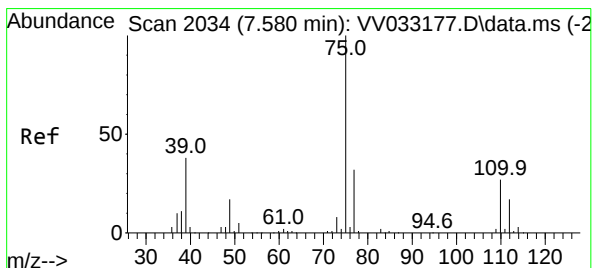
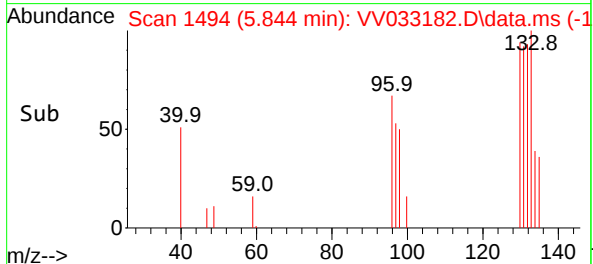
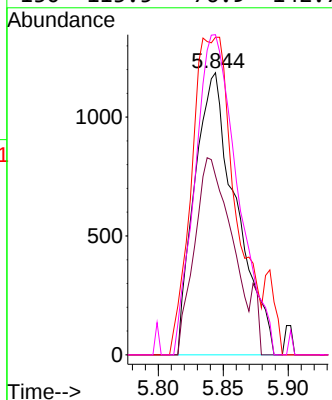


#34  
Trichloroethene  
Concen: 1.247 ug/L  
RT: 5.844 min Scan# 1494  
Delta R.T. 0.013 min  
Lab File: VV033182.D  
Acq: 08 Dec 2023 12:00

Instrument :  
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ClientSampleId :

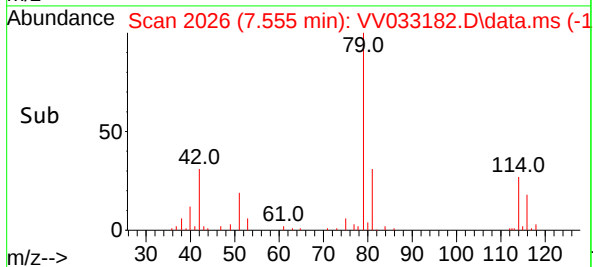
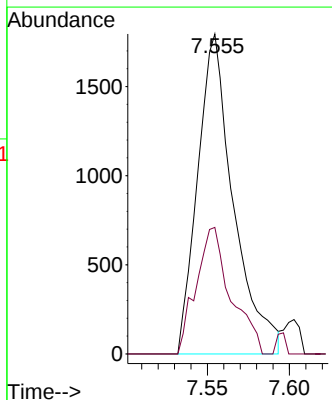
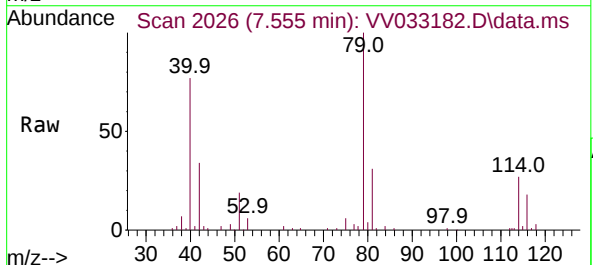


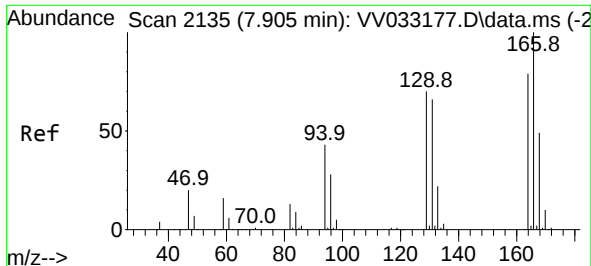
| Tgt Ion   | 95    | Resp: | 2631  |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 95        | 100   |       |       |
| 97        | 63.4  | 45.8  | 85.0  |
| 132       | 112.6 | 77.4  | 143.8 |
| 130       | 113.5 | 76.9  | 142.7 |



#44  
trans-1,3-Dichloropropene  
Concen: 0.906 ug/L  
RT: 7.555 min Scan# 2026  
Delta R.T. -0.026 min  
Lab File: VV033182.D  
Acq: 08 Dec 2023 12:00

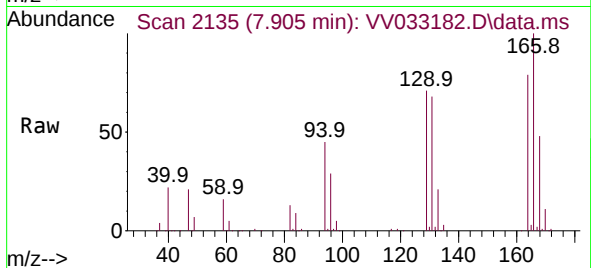
| Tgt Ion   | 75   | Resp: | 2717  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 75        | 100  |       |       |
| 77        | 39.6 | 22.0  | 41.0  |



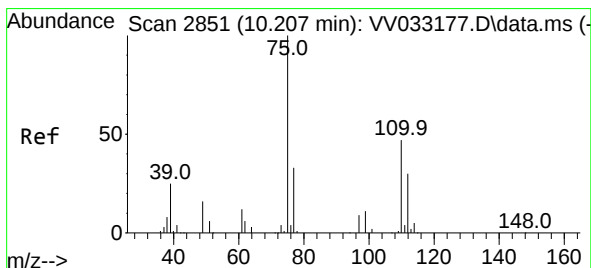
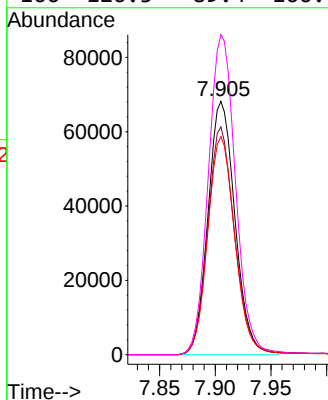
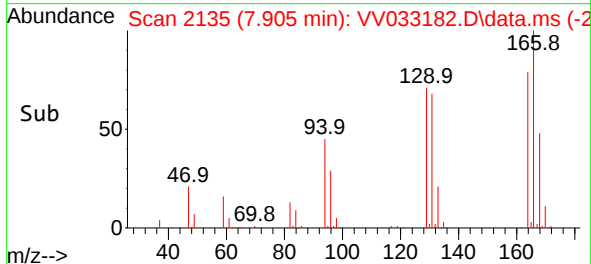


#46  
Tetrachloroethene  
Concen: 63.346 ug/L  
RT: 7.905 min Scan# 2135  
Delta R.T. 0.000 min  
Lab File: VV033182.D  
Acq: 08 Dec 2023 12:00

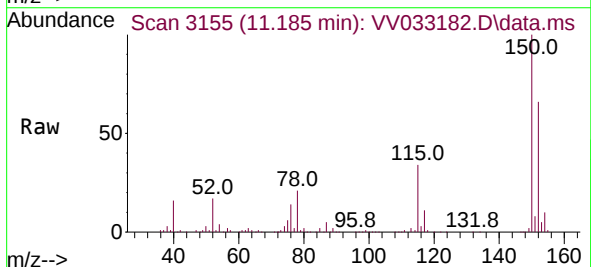
Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion:164 Resp: 114899  
Ion Ratio Lower Upper  
164 100  
129 90.0 65.6 121.8  
131 86.1 64.7 120.1  
166 126.3 89.4 166.0



#61  
1,2,3-Trichloropropane  
Concen: 7.126 ug/L  
RT: 11.185 min Scan# 3155  
Delta R.T. 0.977 min  
Lab File: VV033182.D  
Acq: 08 Dec 2023 12:00



Tgt Ion: 75 Resp: 12733  
Ion Ratio Lower Upper  
75 100  
77 34.4 27.0 40.6  
110 4.1 38.1 57.1#

