

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD042123\  
 Data File : VD075784.D  
 Acq On : 21 Apr 2023 19:22  
 Operator : KP/SY  
 Sample : 02419-09  
 Misc : 4.89G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 EW924

Quant Time: Apr 22 03:57:13 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Apr 22 03:53:08 2023  
 Response via : Initial Calibration

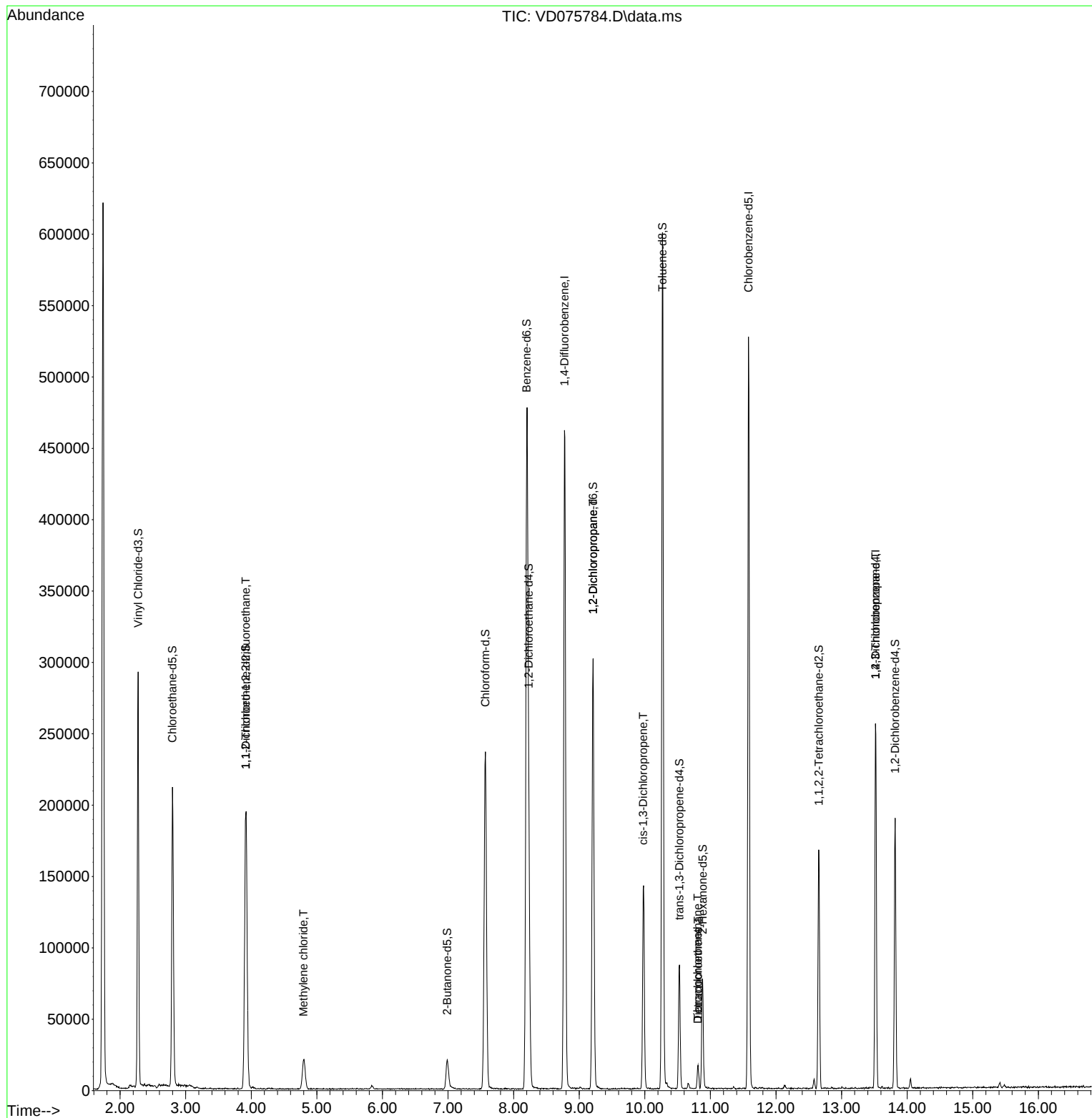
| Compound                      | R.T. QIon |                | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|-----------|----------------|----------|--------|----------|----------|
| -----                         |           |                |          |        |          |          |
| Internal Standards            |           |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.775     | 114            | 457659   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.581    | 117            | 337654   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516    | 152            | 76016    | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |           |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.275     | 65             | 267159   | 26.610 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000    | Range 30 - 150 | Recovery | =      | 106.440% |          |
| 7) Chloroethane-d5            | 2.799     | 69             | 227091   | 26.179 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000    | Range 30 - 150 | Recovery | =      | 104.720% |          |
| 11) 1,1-Dichloroethene-d2     | 3.917     | 65             | 55229    | 23.861 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000    | Range 45 - 110 | Recovery | =      | 95.440%  |          |
| 21) 2-Butanone-d5             | 6.987     | 46             | 34570    | 39.663 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000    | Range 20 - 135 | Recovery | =      | 79.320%  |          |
| 24) Chloroform-d              | 7.569     | 84             | 265153   | 23.169 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000    | Range 40 - 150 | Recovery | =      | 92.680%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.228     | 65             | 115562   | 23.645 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000    | Range 70 - 130 | Recovery | =      | 94.600%  |          |
| 32) Benzene-d6                | 8.199     | 84             | 558812   | 28.395 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000    | Range 20 - 135 | Recovery | =      | 113.560% |          |
| 36) 1,2-Dichloropropane-d6    | 9.210     | 67             | 158245   | 29.051 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000    | Range 70 - 120 | Recovery | =      | 116.200% |          |
| 41) Toluene-d8                | 10.269    | 98             | 444205   | 24.110 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000    | Range 30 - 130 | Recovery | =      | 96.440%  |          |
| 43) trans-1,3-Dichloroprop... | 10.528    | 79             | 53323    | 23.683 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000    | Range 30 - 135 | Recovery | =      | 94.720%  |          |
| 47) 2-Hexanone-d5             | 10.881    | 63             | 30024    | 45.777 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000    | Range 20 - 135 | Recovery | =      | 91.560%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651    | 84             | 88592    | 21.254 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000    | Range 45 - 120 | Recovery | =      | 85.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816    | 152            | 55330    | 20.578 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000    | Range 75 - 120 | Recovery | =      | 82.320%  |          |
| Target Compounds              |           |                |          |        |          |          |
|                               |           |                |          |        | Qvalue   |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 3.917     | 101            | 1861     | 0.300  | ug/L #   | 21       |
| 16) Methylene chloride        | 4.793     | 84             | 9582     | 1.032  | ug/L     | 95       |
| 37) 1,2-Dichloropropane       | 9.210     | 63             | 14747    | 3.143  | ug/L #   | 85       |
| 39) cis-1,3-Dichloropropene   | 9.975     | 75             | 3707     | 0.497  | ug/L     | 90       |
| 46) Tetrachloroethene         | 10.810    | 164            | 3855     | 0.890  | ug/L     | 89       |
| 49) Dibromochloromethane      | 10.804    | 129            | 3729     | 0.858  | ug/L #   | 10       |
| 61) 1,2,3-Trichloropropane    | 13.516    | 75             | 8813     | 7.380  | ug/L #   | 62       |
| -----                         |           |                |          |        |          |          |

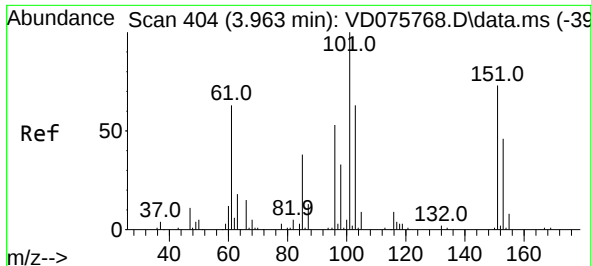
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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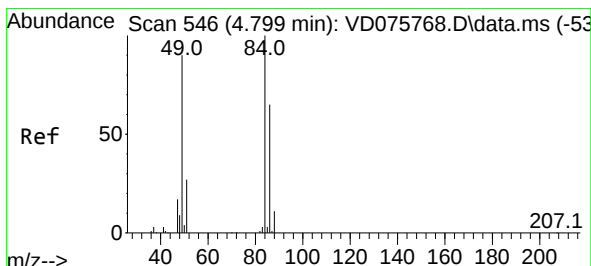
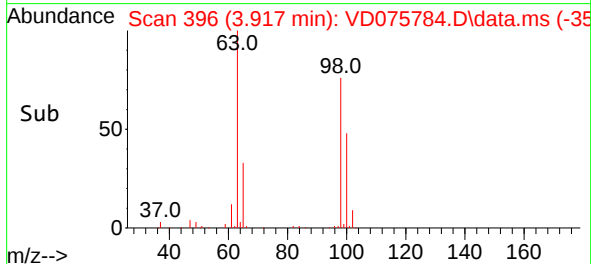
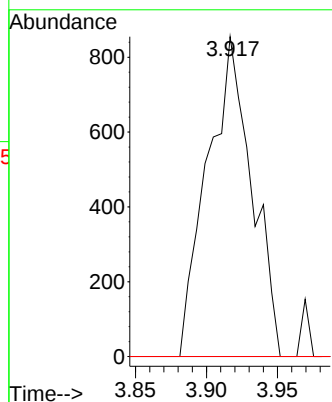
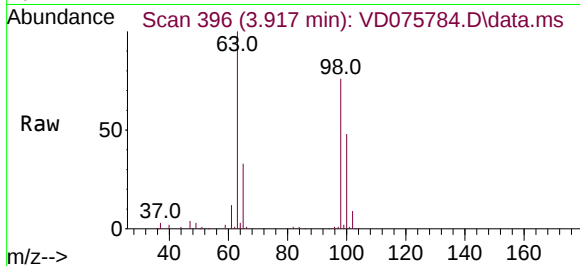




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.300 ug/L  
RT: 3.917 min Scan# 396  
Delta R.T. -0.047 min  
Lab File: VD075784.D  
Acq: 21 Apr 2023 19:22

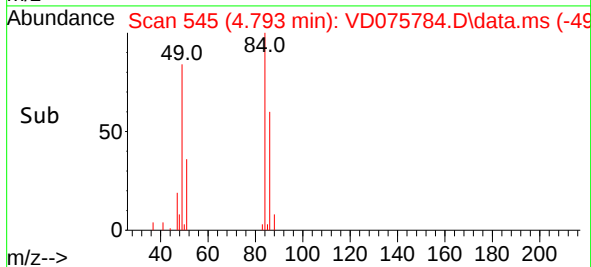
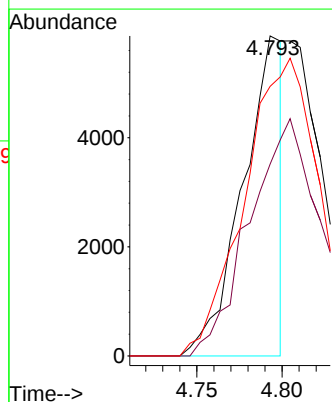
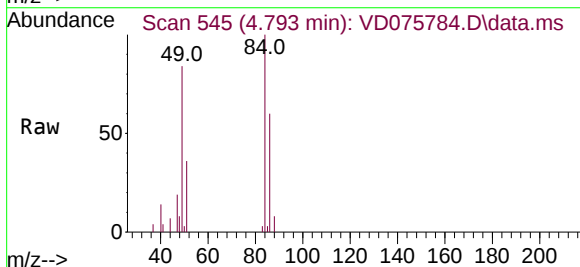
Instrument :  
MSVOA\_D  
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EW924

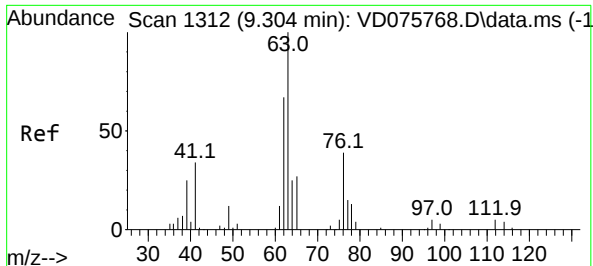
Tgt Ion:101 Resp: 1861  
Ion Ratio Lower Upper  
101 100  
85 0.0 32.9 49.3#  
151 0.0 57.2 85.8#



#16  
Methylene chloride  
Concen: 1.032 ug/L  
RT: 4.793 min Scan# 545  
Delta R.T. -0.006 min  
Lab File: VD075784.D  
Acq: 21 Apr 2023 19:22

Tgt Ion: 84 Resp: 9582  
Ion Ratio Lower Upper  
84 100  
86 60.0 45.8 85.2  
49 84.3 60.8 112.8





#37

1,2-Dichloropropane

Concen: 3.143 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.094 min

Lab File: VD075784.D

Acq: 21 Apr 2023 19:22

Instrument :

MSVOA\_D

ClientSampleId :

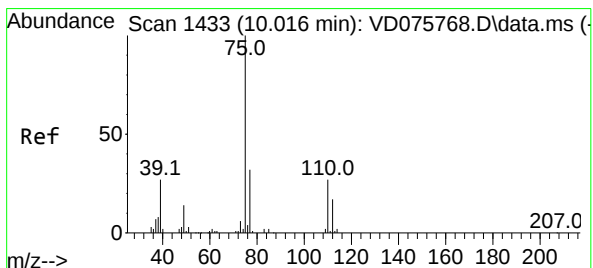
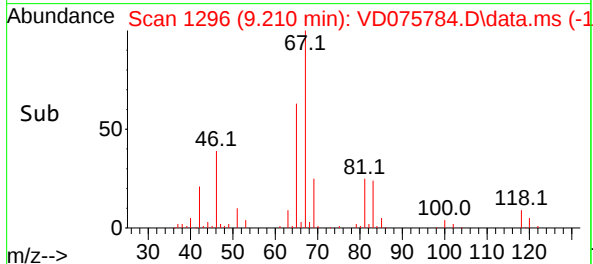
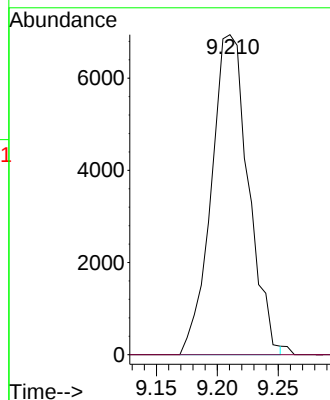
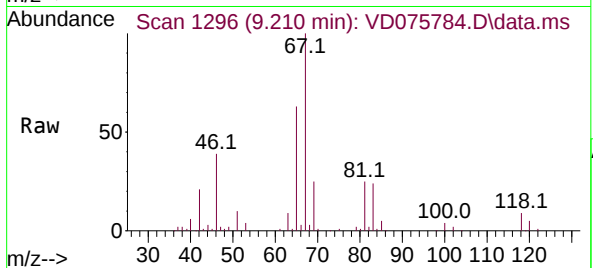
EW924

Tgt Ion: 63 Resp: 14747

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.497 ug/L

RT: 9.975 min Scan# 1426

Delta R.T. -0.041 min

Lab File: VD075784.D

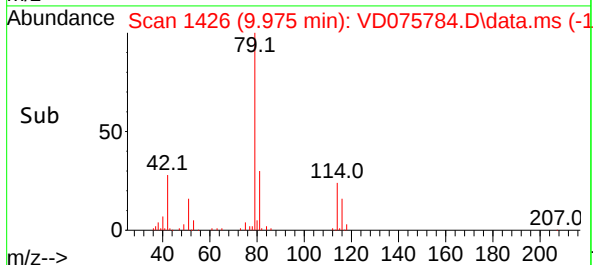
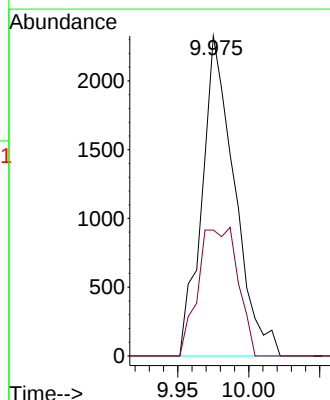
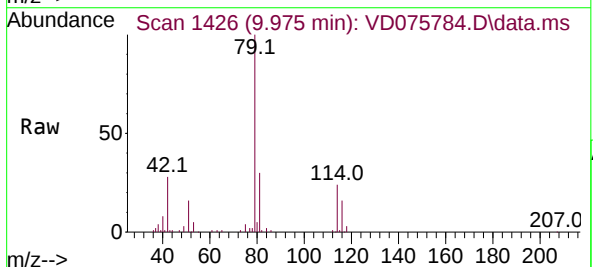
Acq: 21 Apr 2023 19:22

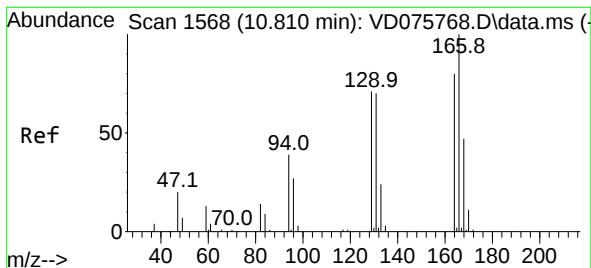
Tgt Ion: 75 Resp: 3707

Ion Ratio Lower Upper

75 100

77 39.4 23.4 43.6





#46

Tetrachloroethene

Concen: 0.890 ug/L

RT: 10.810 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075784.D

Acq: 21 Apr 2023 19:22

Instrument :

MSVOA\_D

ClientSampleId :

EW924

Tgt Ion:164 Resp: 3855

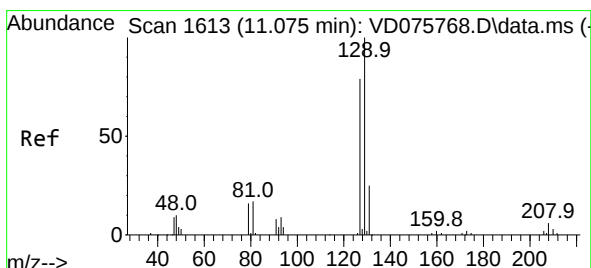
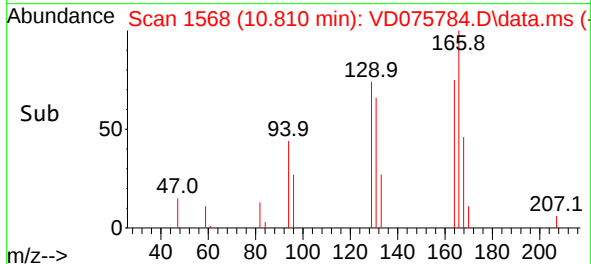
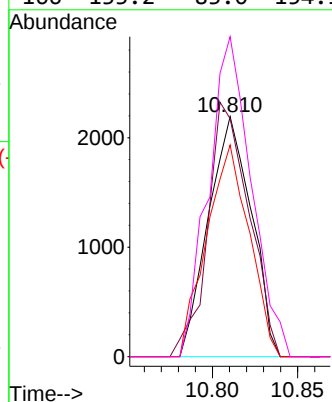
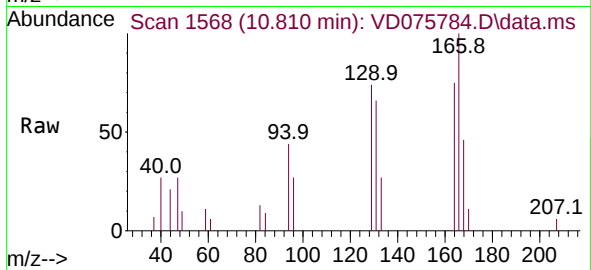
Ion Ratio Lower Upper

164 100

129 99.1 60.3 112.1

131 88.1 58.9 109.3

166 133.2 83.0 154.1



#49

Dibromochloromethane

Concen: 0.858 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.270 min

Lab File: VD075784.D

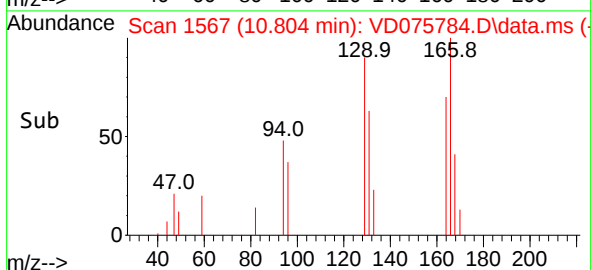
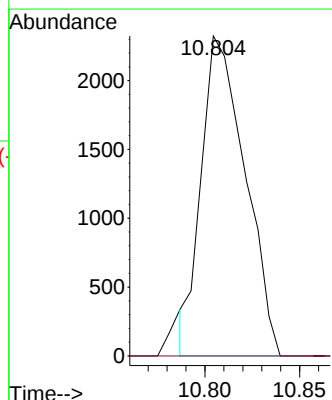
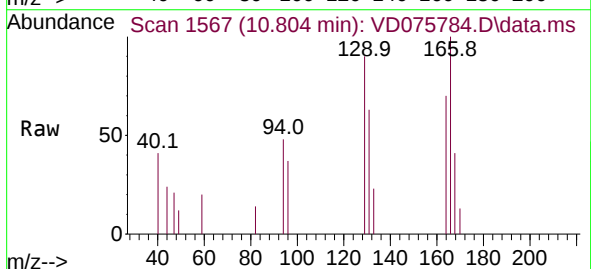
Acq: 21 Apr 2023 19:22

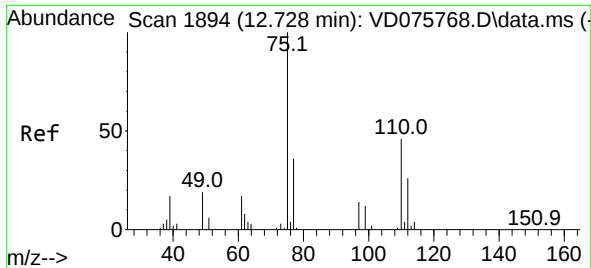
Tgt Ion:129 Resp: 3729

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#





#61

1,2,3-Trichloropropane

Concen: 7.380 ug/L

RT: 13.516 min Scan# 20

Delta R.T. 0.788 min

Lab File: VD075784.D

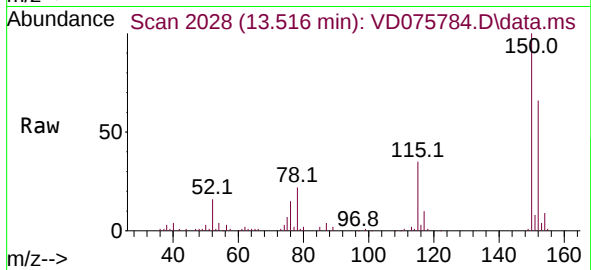
Acq: 21 Apr 2023 19:22

Instrument :

MSVOA\_D

ClientSampleId :

EW924



Tgt Ion: 75 Resp: 8813

Ion Ratio Lower Upper

75 100

77 29.8 26.6 39.8

110 1.8 33.5 50.3#

