

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050523\  
 Data File : VD076018.D  
 Acq On : 05 May 2023 11:08  
 Operator : KP/SY  
 Sample : 02593-13  
 Misc : 5.00G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VHBLK001

Quant Time: May 06 00:22:29 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat May 06 00:21:26 2023  
 Response via : Initial Calibration

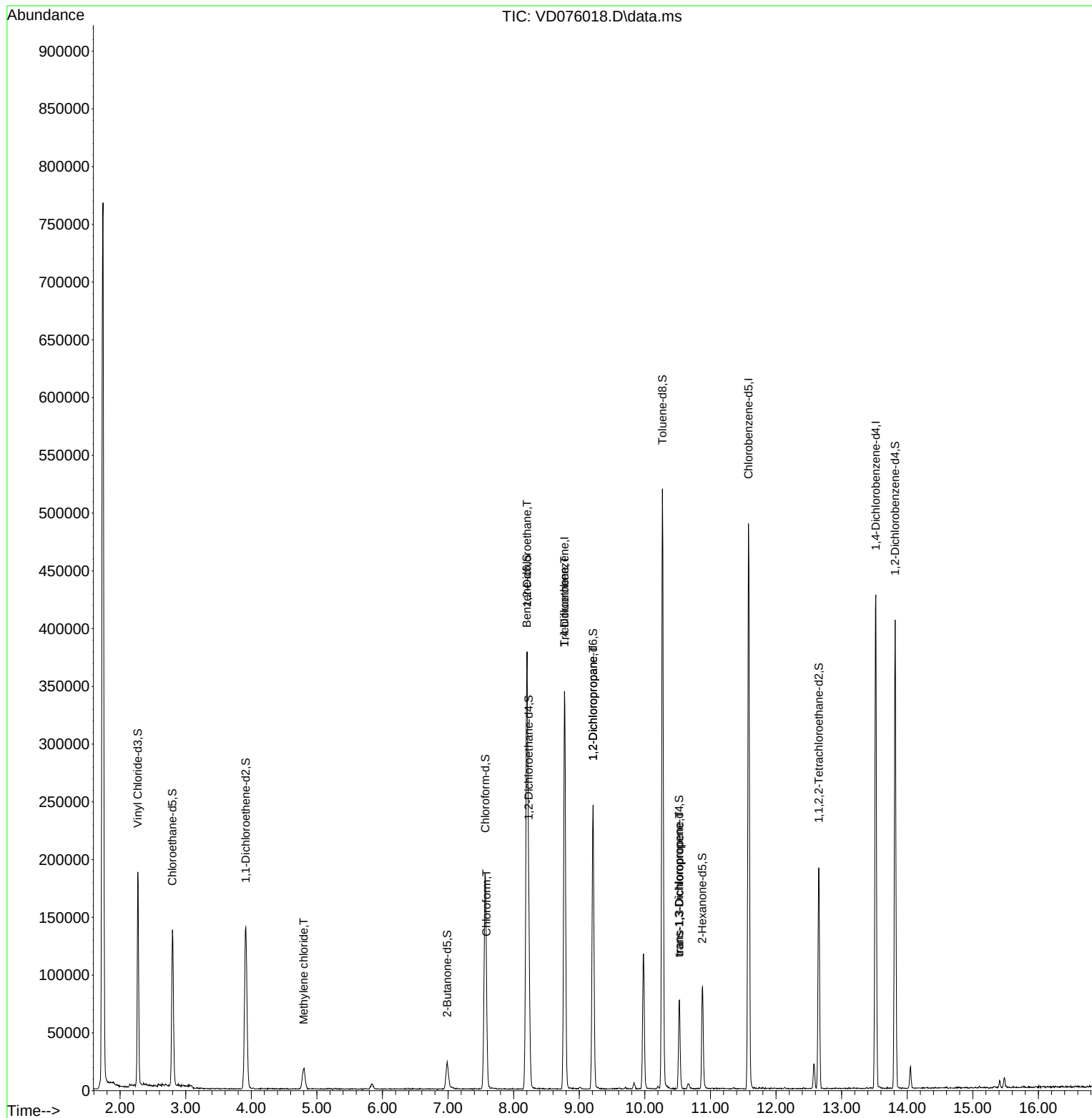
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 336246   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 314573   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522 | 152   | 128163   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.269  | 65    | 171529   | 23.254   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 93.000%  |
| 7) Chloroethane-d5            | 2.799  | 69    | 150182   | 23.564   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 94.240%  |
| 11) 1,1-Dichloroethene-d2     | 3.916  | 65    | 39716    | 23.354   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 93.400%  |
| 21) 2-Butanone-d5             | 6.987  | 46    | 38735    | 60.489   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 120.980% |
| 24) Chloroform-d              | 7.569  | 84    | 204416   | 24.311   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 97.240%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 94022    | 26.185   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 104.720% |
| 32) Benzene-d6                | 8.199  | 84    | 425768   | 23.222   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 92.880%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 127888   | 25.200   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 100.800% |
| 41) Toluene-d8                | 10.269 | 98    | 378458   | 22.048   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 88.200%  |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 46688    | 22.257   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 89.040%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 32498    | 53.184   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 106.360% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 101793   | 26.212   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 104.840% |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 117325   | 25.881   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 103.520% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 4.799  | 84    | 15569    | 2.282    | ug/L   | 95       |
| 25) Chloroform                | 7.587  | 83    | 4447     | 0.546    | ug/L   | 96       |
| 27) 1,2-Dichloroethane        | 8.204  | 62    | 1930     | 0.459    | ug/L # | 68       |
| 34) Trichloroethene           | 8.775  | 95    | 8301     | 1.687    | ug/L # | 2        |
| 37) 1,2-Dichloropropane       | 9.210  | 63    | 12592    | 2.881    | ug/L # | 85       |
| 44) trans-1,3-Dichloropropene | 10.528 | 75    | 2231     | 0.400    | ug/L   | 96       |
| -----                         |        |       |          |          |        |          |

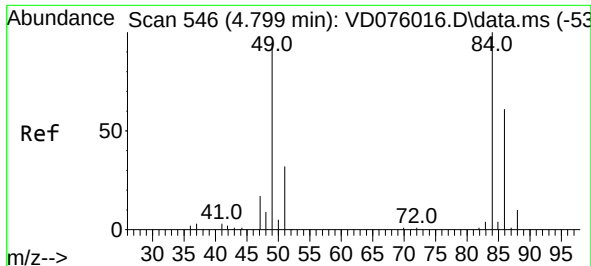
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 06 00:21:26 2023  
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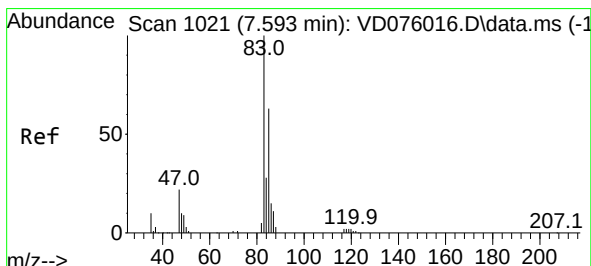
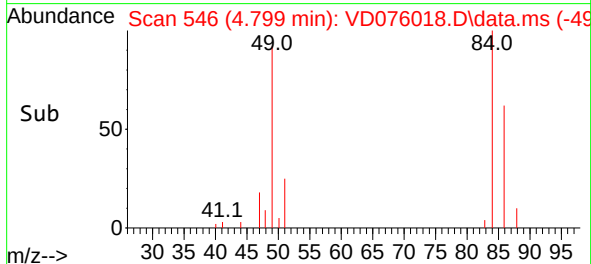
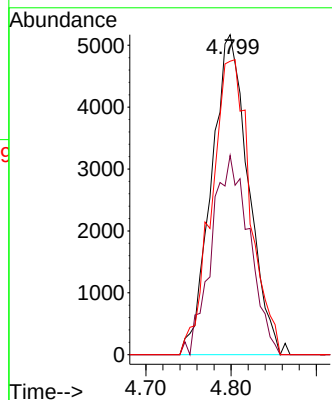
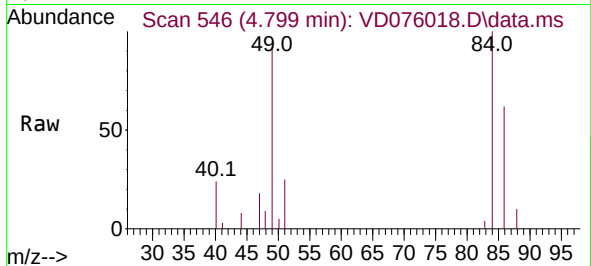




#16  
Methylene chloride  
Concen: 2.282 ug/L  
RT: 4.799 min Scan# 54  
Delta R.T. 0.000 min  
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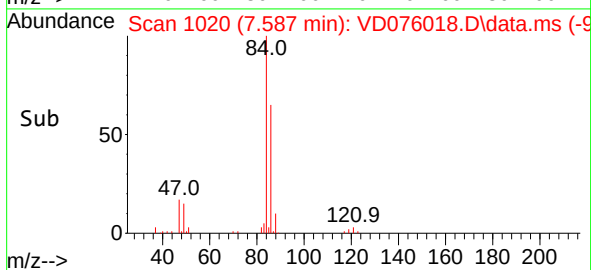
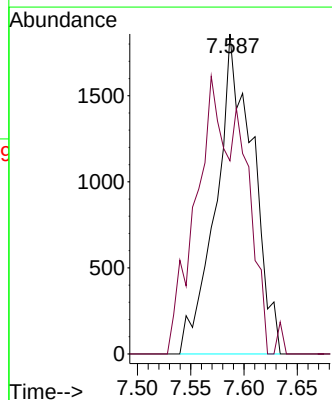
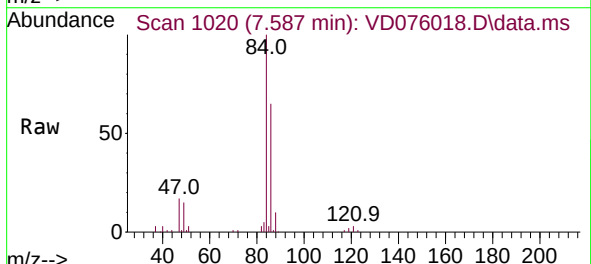
Instrument :  
MSVOA\_D  
ClientSampleId :  
VHBLK001

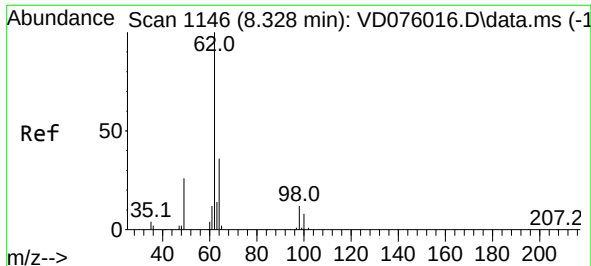
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion: 84 | Resp: | 15569 |       |
| Ion         | Ratio | Lower | Upper |
| 84          | 100   |       |       |
| 86          | 62.2  | 45.8  | 85.2  |
| 49          | 91.7  | 60.8  | 112.8 |



#25  
Chloroform  
Concen: 0.546 ug/L  
RT: 7.587 min Scan# 1020  
Delta R.T. -0.006 min  
Lab File: VD076018.D  
Acq: 05 May 2023 11:08

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion: 83 | Resp: | 4447  |       |
| Ion         | Ratio | Lower | Upper |
| 83          | 100   |       |       |
| 85          | 60.4  | 44.4  | 82.5  |

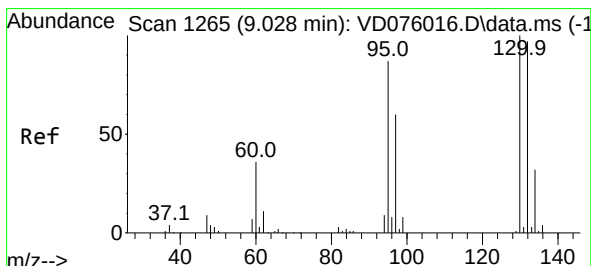
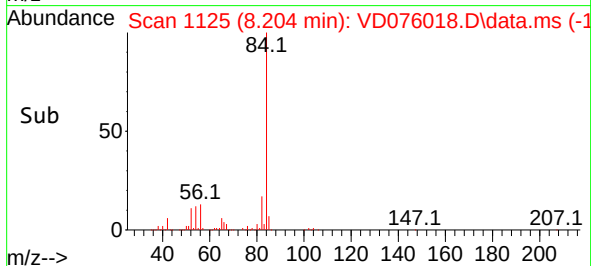
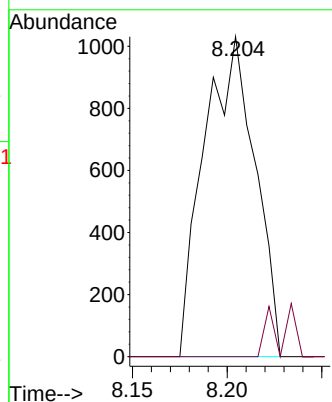
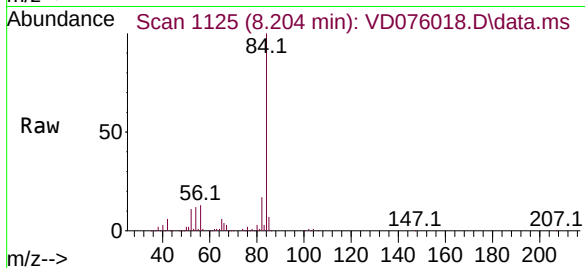




#27  
1,2-Dichloroethane  
Concen: 0.459 ug/L  
RT: 8.204 min Scan# 1146  
Delta R.T. -0.123 min  
Lab File: VD076018.D  
Acq: 05 May 2023 11:08

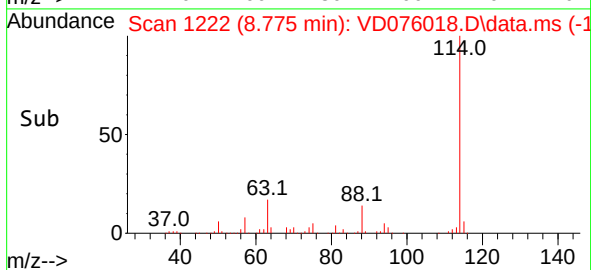
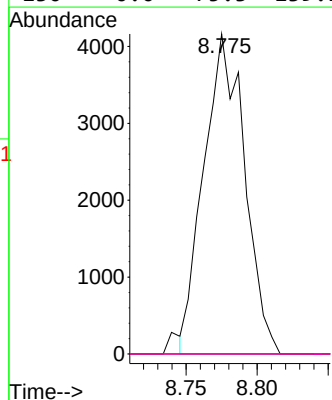
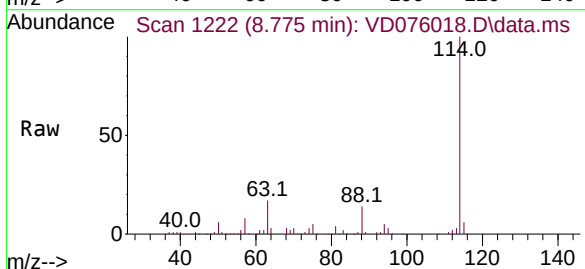
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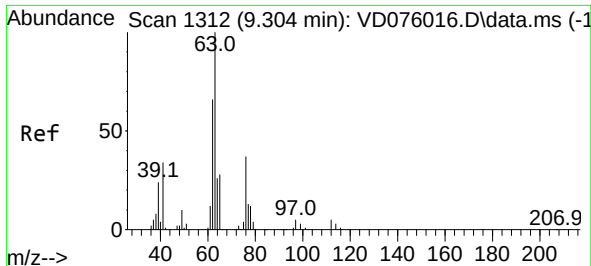
Tgt Ion: 62 Resp: 1930  
Ion Ratio Lower Upper  
62 100  
98 0.0 10.2 15.2#



#34  
Trichloroethene  
Concen: 1.687 ug/L  
RT: 8.775 min Scan# 1222  
Delta R.T. -0.253 min  
Lab File: VD076018.D  
Acq: 05 May 2023 11:08

Tgt Ion: 95 Resp: 8301  
Ion Ratio Lower Upper  
95 100  
97 0.0 46.0 85.4#  
132 0.0 73.3 136.1#  
130 0.0 75.3 139.9#





#37

1,2-Dichloropropane

Concen: 2.881 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.094 min

Lab File: VD076018.D

Acq: 05 May 2023 11:08

Instrument :

MSVOA\_D

ClientSampleId :

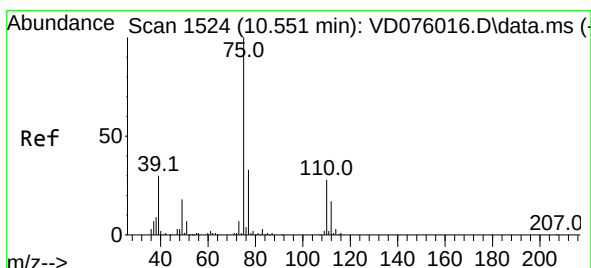
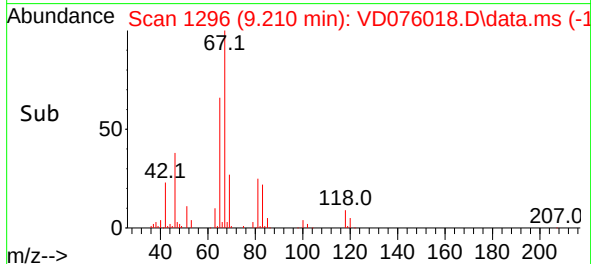
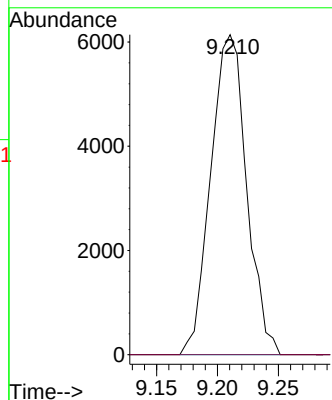
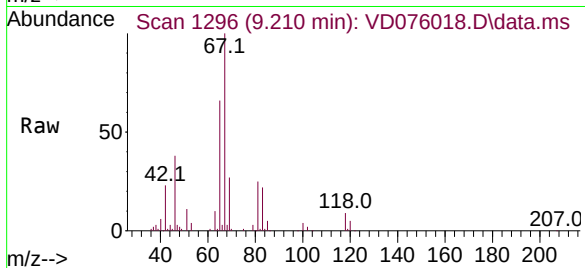
VHBLK001

Tgt Ion: 63 Resp: 12592

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#44

trans-1,3-Dichloropropene

Concen: 0.400 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.023 min

Lab File: VD076018.D

Acq: 05 May 2023 11:08

Tgt Ion: 75 Resp: 2231

Ion Ratio Lower Upper

75 100

77 33.6 22.0 41.0

