

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD042823\  
 Data File : VD075905.D  
 Acq On : 28 Apr 2023 23:51  
 Operator : KP/SY  
 Sample : 02548-35  
 Misc : 5.88G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 DCCR5

Quant Time: Apr 29 05:16:35 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Apr 29 05:12:16 2023  
 Response via : Initial Calibration

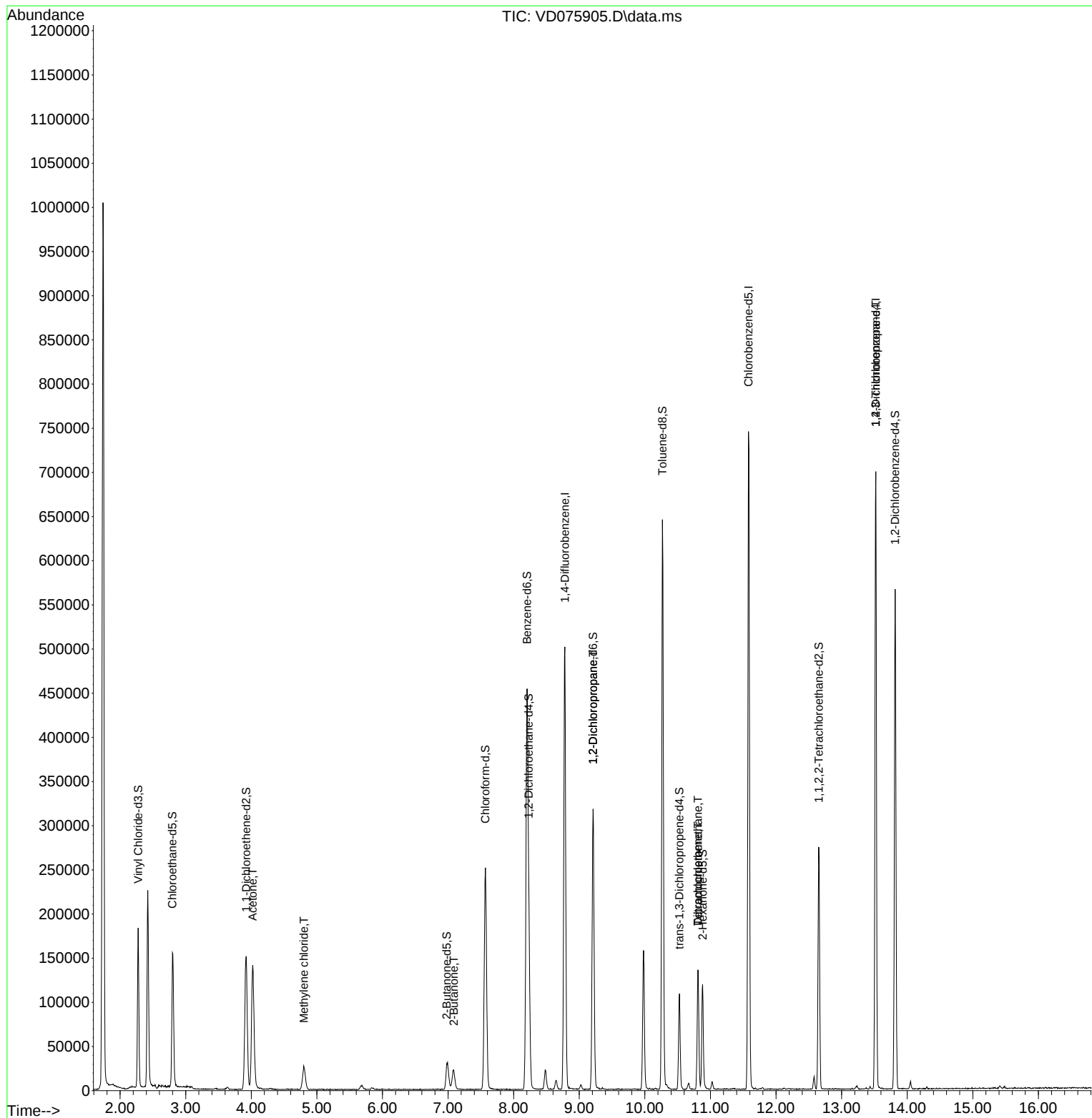
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.781  | 114   | 494759   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 481111   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522 | 152   | 203727   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.275  | 65    | 170968   | 15.752   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 63.000%  |
| 7) Chloroethane-d5            | 2.799  | 69    | 168546   | 17.973   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 71.880%  |
| 11) 1,1-Dichloroethene-d2     | 3.922  | 65    | 41976    | 16.775   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 67.080%  |
| 21) 2-Butanone-d5             | 6.981  | 46    | 51542    | 54.702   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 109.400% |
| 24) Chloroform-d              | 7.569  | 84    | 276313   | 22.333   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 89.320%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 123301   | 23.337   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 93.360%  |
| 32) Benzene-d6                | 8.204  | 84    | 518295   | 18.483   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 73.920%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 168377   | 21.694   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 86.760%  |
| 41) Toluene-d8                | 10.269 | 98    | 476086   | 18.135   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 72.560%  |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 64330    | 20.052   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 80.200%  |
| 47) 2-Hexanone-d5             | 10.881 | 63    | 43573    | 46.625   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 93.240%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 145029   | 24.419   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 97.680%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 167384   | 23.228   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 92.920%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.022  | 43    | 227069   | 281.604  | ug/L   | 97       |
| 16) Methylene chloride        | 4.805  | 84    | 22038    | 2.196    | ug/L   | 92       |
| 22) 2-Butanone                | 7.087  | 43    | 29503    | 28.066   | ug/L   | 94       |
| 37) 1,2-Dichloropropane       | 9.210  | 63    | 16063    | 2.403    | ug/L # | 85       |
| 46) Tetrachloroethene         | 10.810 | 164   | 31972    | 5.179    | ug/L   | 88       |
| 49) Dibromochloromethane      | 10.810 | 129   | 28475    | 4.599    | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 13.522 | 75    | 22296    | 6.967    | ug/L # | 62       |
| -----                         |        |       |          |          |        |          |

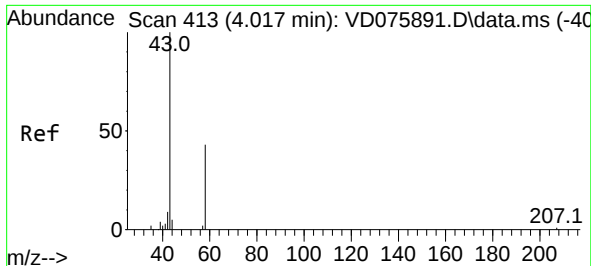
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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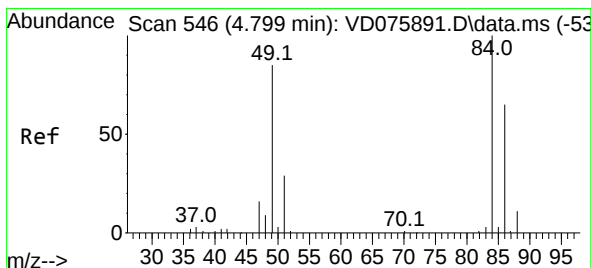
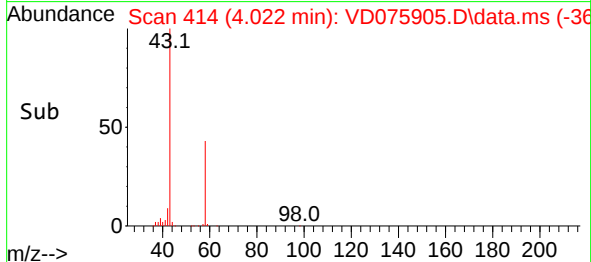
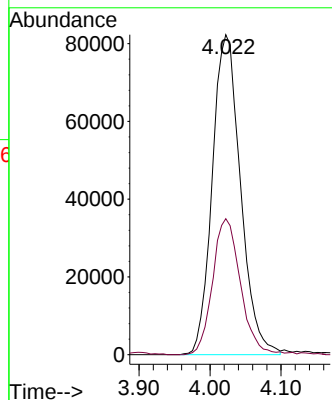
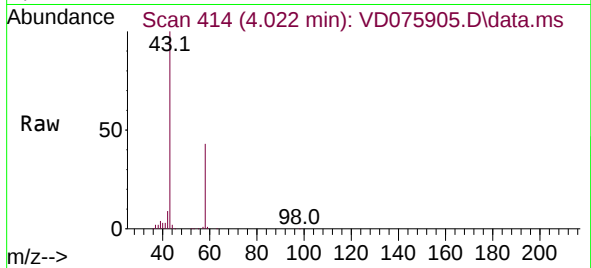




#13  
Acetone  
Concen: 281.604 ug/L  
RT: 4.022 min Scan# 413  
Delta R.T. 0.006 min  
Lab File: VD075905.D  
Acq: 28 Apr 2023 23:51

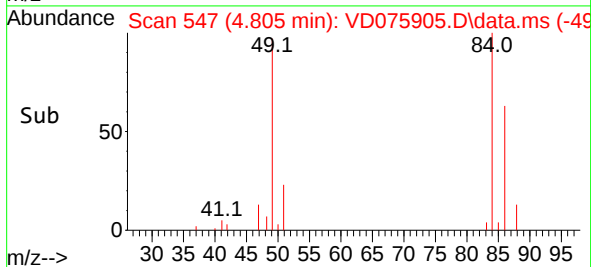
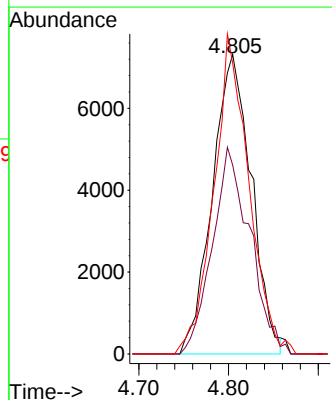
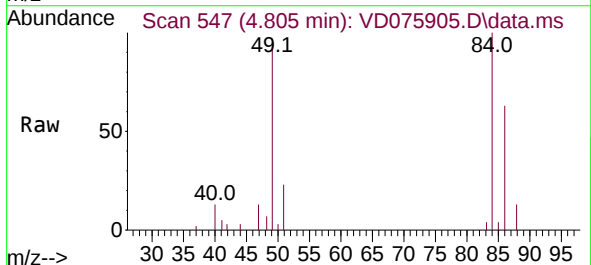
Instrument :  
MSVOA\_D  
ClientSampleId :  
DCCR5

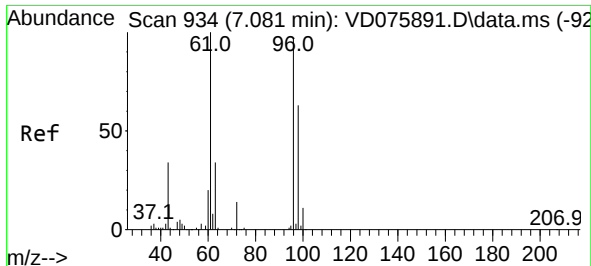
Tgt Ion: 43 Resp: 227069  
Ion Ratio Lower Upper  
43 100  
58 41.6 0.0 87.4



#16  
Methylene chloride  
Concen: 2.196 ug/L  
RT: 4.805 min Scan# 547  
Delta R.T. 0.006 min  
Lab File: VD075905.D  
Acq: 28 Apr 2023 23:51

Tgt Ion: 84 Resp: 22038  
Ion Ratio Lower Upper  
84 100  
86 63.0 45.8 85.2  
49 97.0 60.8 112.8

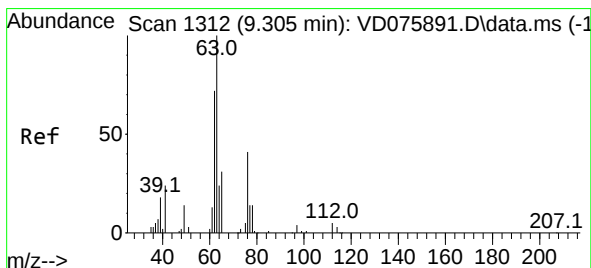
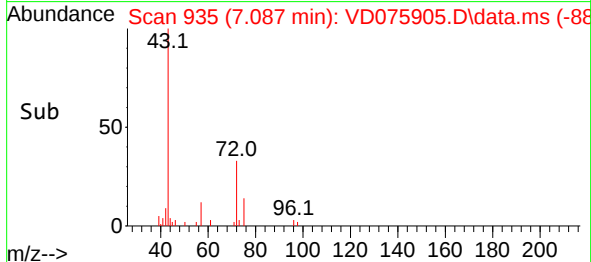
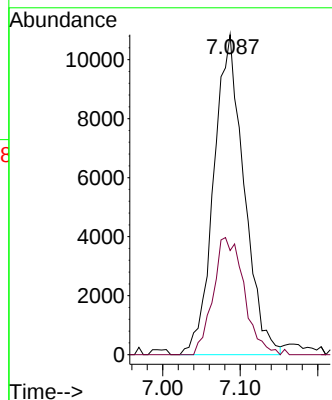
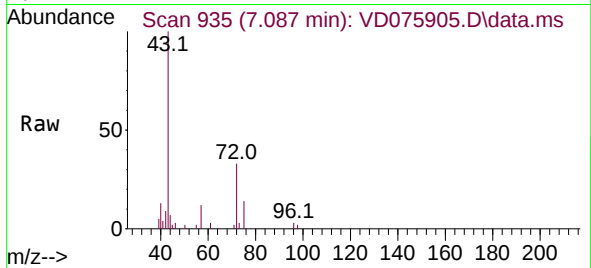




#22  
2-Butanone  
Concen: 28.066 ug/L  
RT: 7.087 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD075905.D  
Acq: 28 Apr 2023 23:51

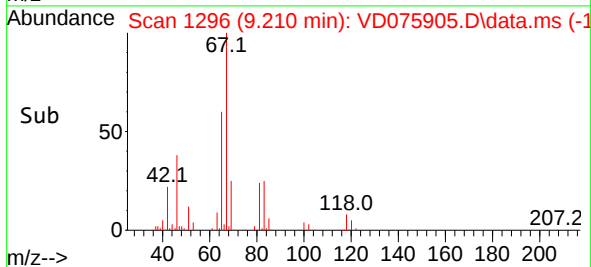
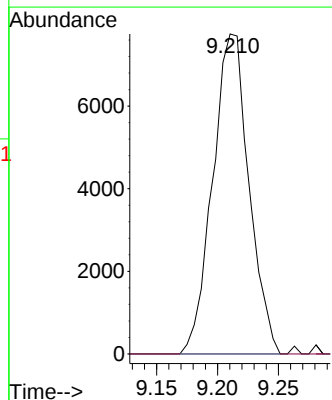
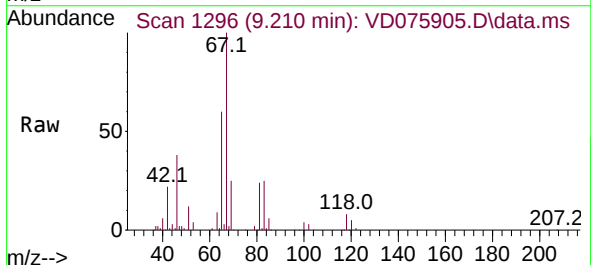
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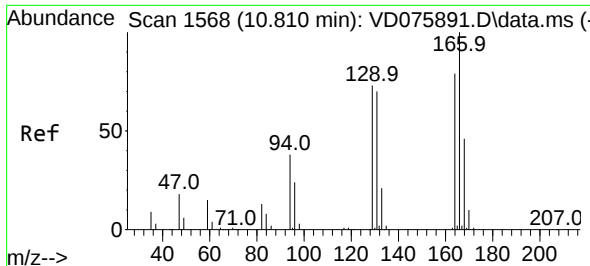
Tgt Ion: 43 Resp: 29503  
Ion Ratio Lower Upper  
43 100  
72 37.2 20.5 61.5



#37  
1,2-Dichloropropane  
Concen: 2.403 ug/L  
RT: 9.210 min Scan# 1296  
Delta R.T. -0.094 min  
Lab File: VD075905.D  
Acq: 28 Apr 2023 23:51

Tgt Ion: 63 Resp: 16063  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.0 6.0#

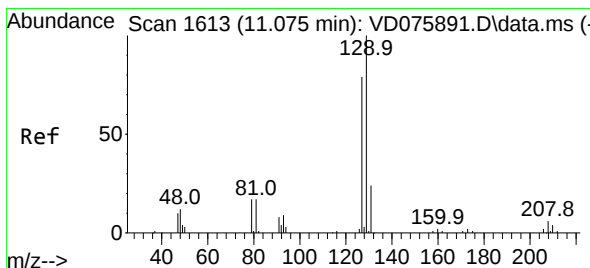
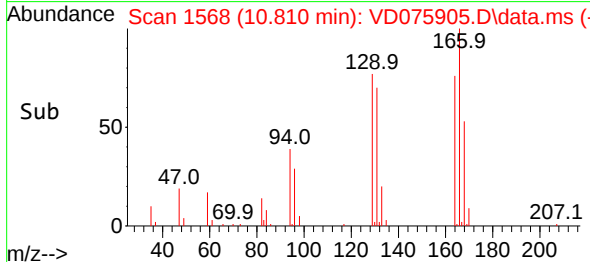
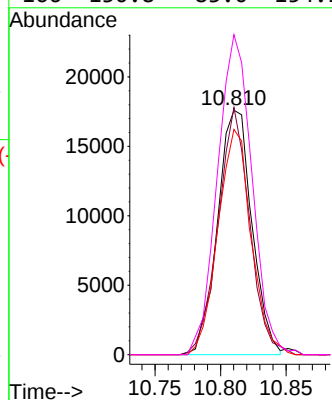
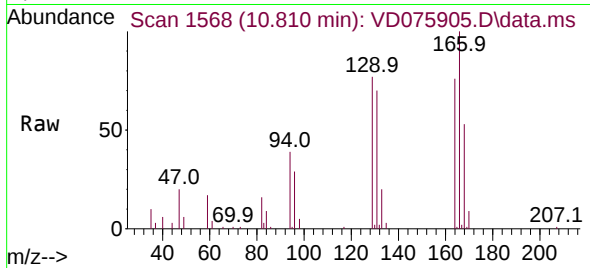




#46  
Tetrachloroethene  
Concen: 5.179 ug/L  
RT: 10.810 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VD075905.D  
Acq: 28 Apr 2023 23:51

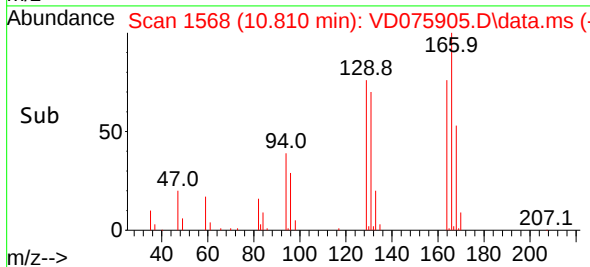
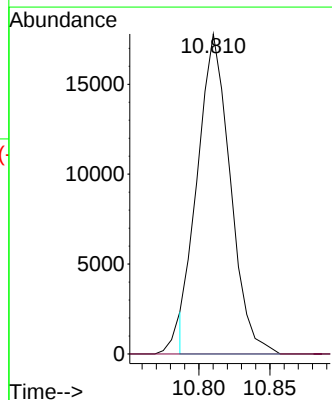
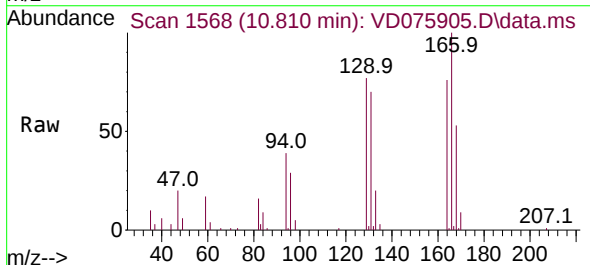
Instrument :  
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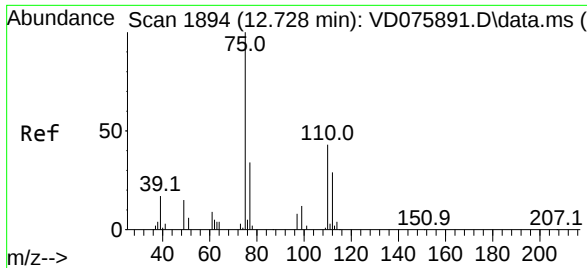
Tgt Ion:164 Resp: 31972  
Ion Ratio Lower Upper  
164 100  
129 101.1 60.3 112.1  
131 92.1 58.9 109.3  
166 130.8 83.0 154.1



#49  
Dibromochloromethane  
Concen: 4.599 ug/L  
RT: 10.810 min Scan# 1568  
Delta R.T. -0.265 min  
Lab File: VD075905.D  
Acq: 28 Apr 2023 23:51

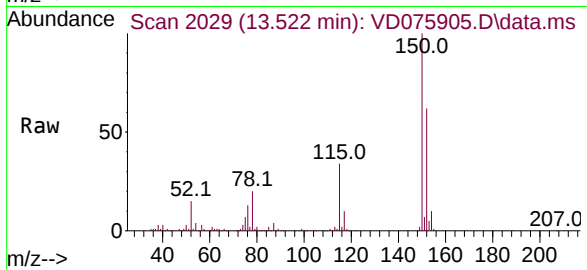
Tgt Ion:129 Resp: 28475  
Ion Ratio Lower Upper  
129 100  
127 0.0 55.6 103.4#





#61  
 1,2,3-Trichloropropane  
 Concen: 6.967 ug/L  
 RT: 13.522 min Scan# 20  
 Delta R.T. 0.794 min  
 Lab File: VD075905.D  
 Acq: 28 Apr 2023 23:51

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 DCCR5



Tgt Ion: 75 Resp: 22296  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 29.1  | 26.6  | 39.8  |
| 110 | 2.7   | 33.5  | 50.3  |

