

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD042823\  
 Data File : VD075903.D  
 Acq On : 28 Apr 2023 22:53  
 Operator : KP/SY  
 Sample : 02548-33  
 Misc : 5.60G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 DCCR3

Quant Time: Apr 29 05:16:05 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

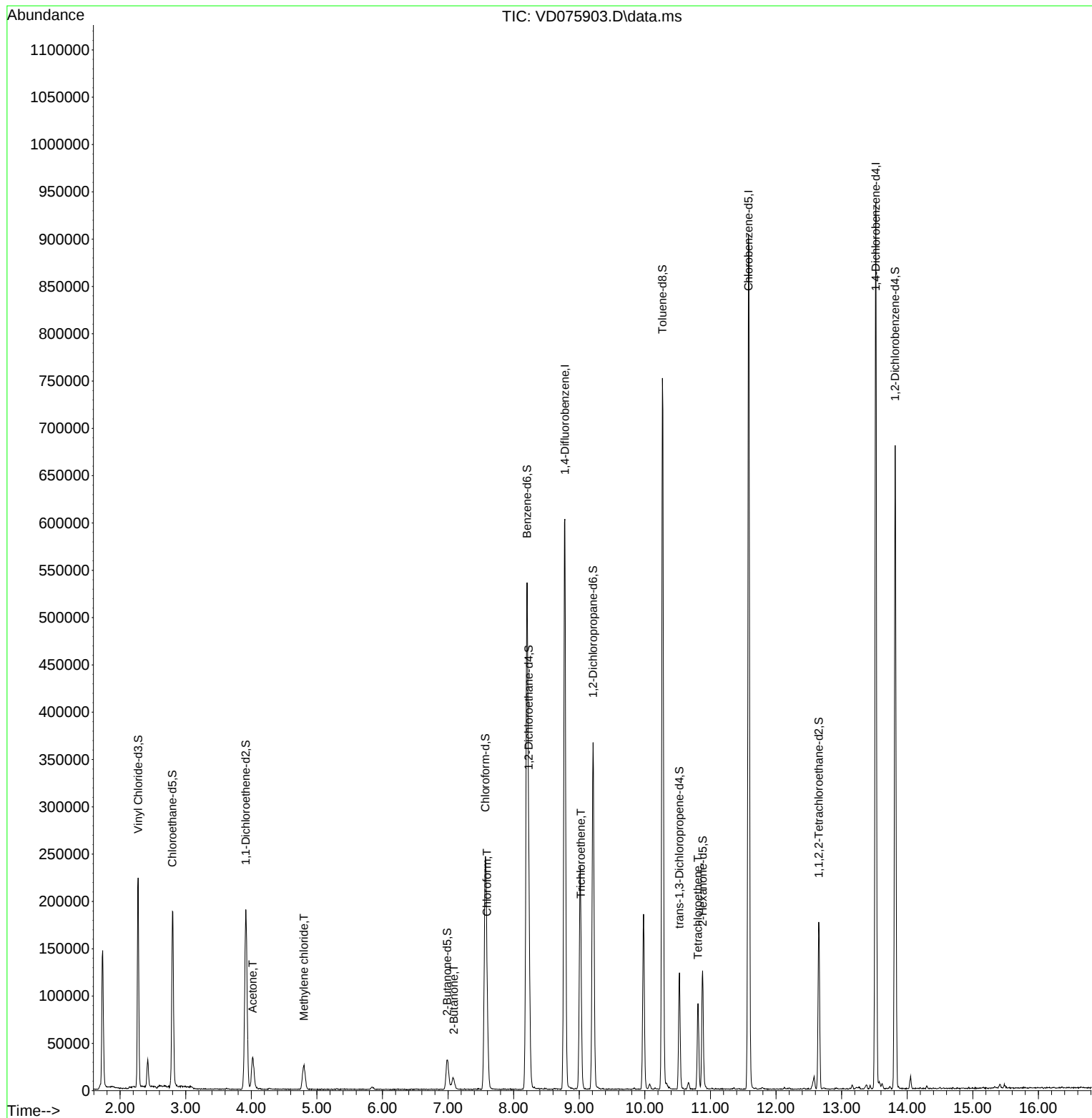
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.781  | 114   | 591507   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 583391   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522 | 152   | 264131   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.275  | 65    | 210942   | 16.256   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 65.040%  |
| 7) Chloroethane-d5            | 2.799  | 69    | 206965   | 18.460   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 73.840%  |
| 11) 1,1-Dichloroethene-d2     | 3.916  | 65    | 52284    | 17.477   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 69.920%  |
| 21) 2-Butanone-d5             | 6.987  | 46    | 53889    | 47.838   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 95.680%  |
| 24) Chloroform-d              | 7.569  | 84    | 261066   | 17.650   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 70.600%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 135440   | 21.442   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 85.760%  |
| 32) Benzene-d6                | 8.204  | 84    | 610001   | 17.940   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 71.760%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 194879   | 20.706   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 82.840%  |
| 41) Toluene-d8                | 10.269 | 98    | 561752   | 17.647   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 70.600%  |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 71223    | 18.308   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 73.240%  |
| 47) 2-Hexanone-d5             | 10.881 | 63    | 45170    | 39.860   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 79.720%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 94653    | 13.143   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 52.560%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 197478   | 21.137   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 84.560%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.022  | 43    | 54441    | 56.473   | ug/L   | 98       |
| 16) Methylene chloride        | 4.805  | 84    | 22139    | 1.845    | ug/L   | 95       |
| 22) 2-Butanone                | 7.087  | 43    | 8468     | 6.738    | ug/L   | 93       |
| 25) Chloroform                | 7.593  | 83    | 59293    | 4.141    | ug/L   | 96       |
| 34) Trichloroethene           | 9.028  | 95    | 10339    | 1.133    | ug/L   | 98       |
| 46) Tetrachloroethene         | 10.810 | 164   | 22166    | 2.961    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

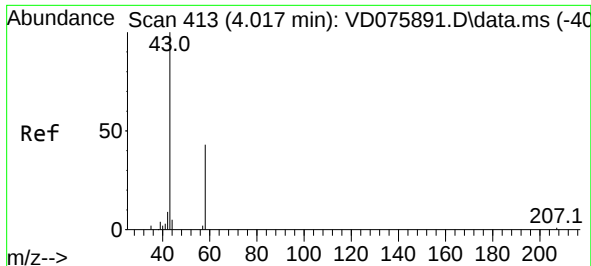
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Sat Apr 29 05:12:16 2023  
Response via : Initial Calibration





#13

Acetone

Concen: 56.473 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD075903.D

Acq: 28 Apr 2023 22:53

Instrument :

MSVOA\_D

ClientSampleId :

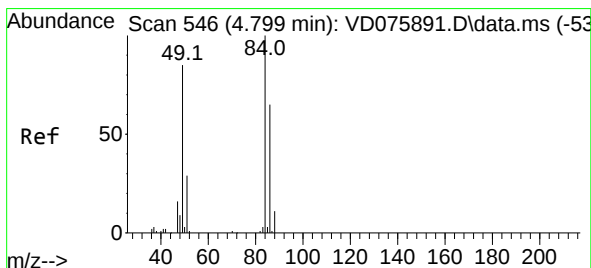
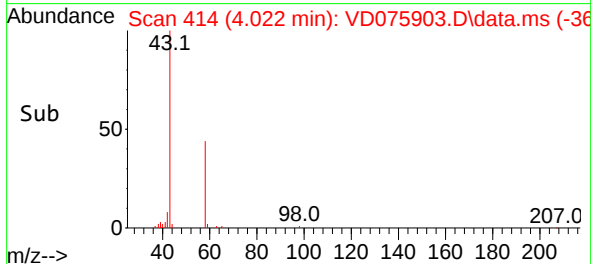
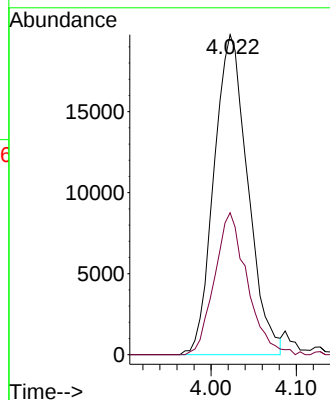
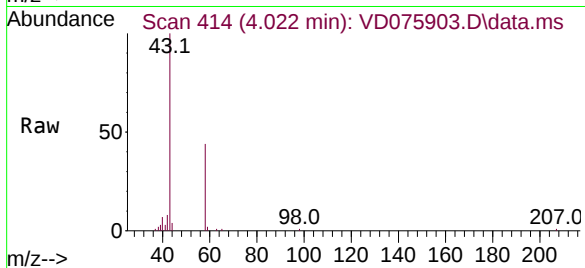
DCCR3

Tgt Ion: 43 Resp: 54441

Ion Ratio Lower Upper

43 100

58 42.7 0.0 87.4



#16

Methylene chloride

Concen: 1.845 ug/L

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD075903.D

Acq: 28 Apr 2023 22:53

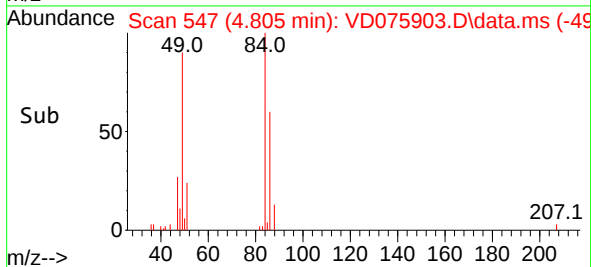
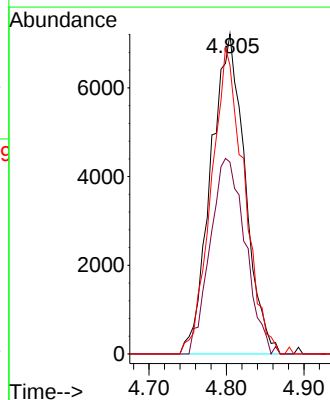
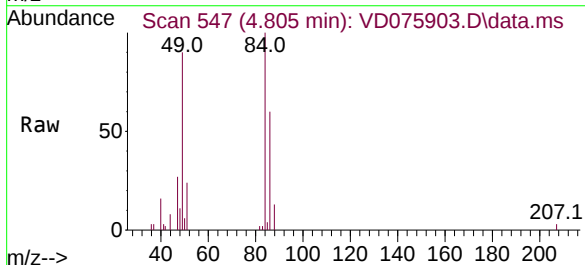
Tgt Ion: 84 Resp: 22139

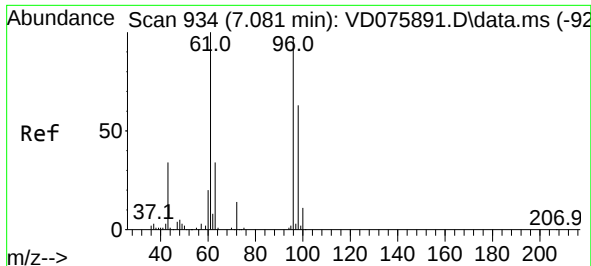
Ion Ratio Lower Upper

84 100

86 60.0 45.8 85.2

49 90.2 60.8 112.8

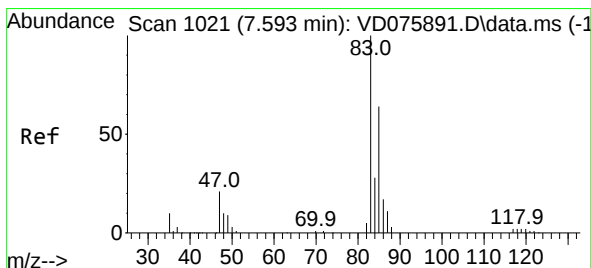
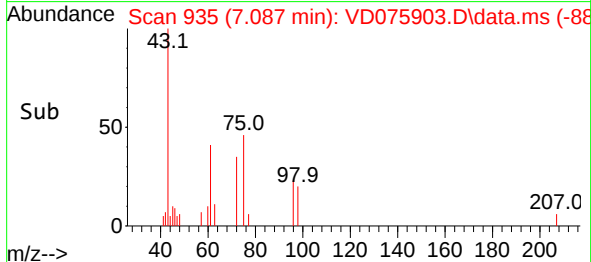
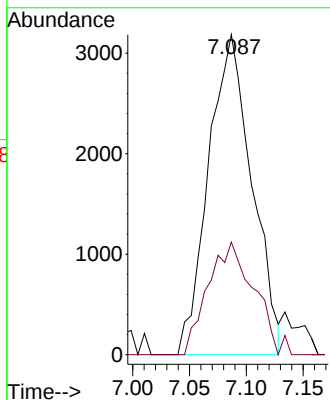
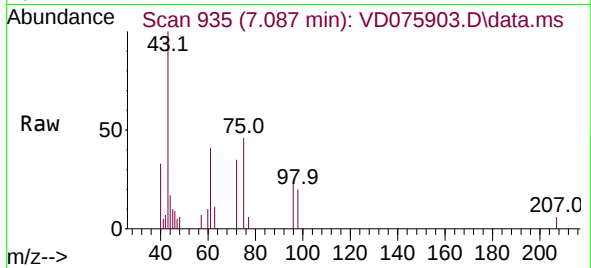




#22  
2-Butanone  
Concen: 6.738 ug/L  
RT: 7.087 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD075903.D  
Acq: 28 Apr 2023 22:53

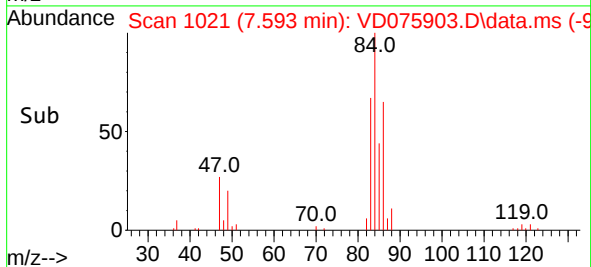
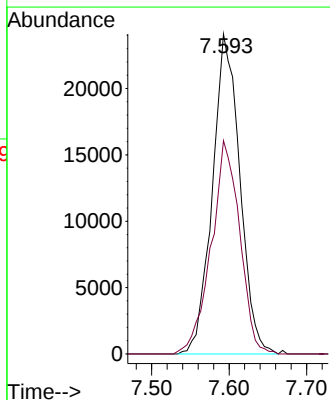
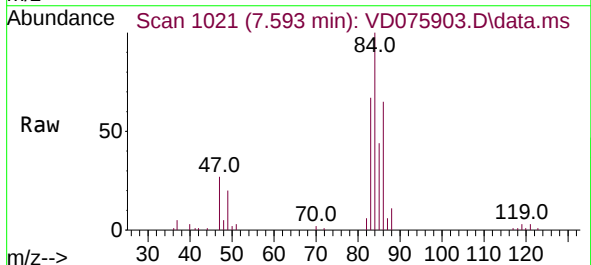
Instrument :  
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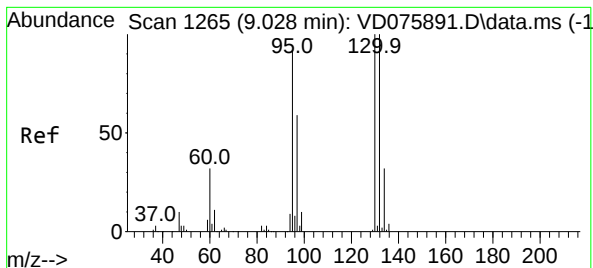
Tgt Ion: 43 Resp: 8468  
Ion Ratio Lower Upper  
43 100  
72 36.5 20.5 61.5



#25  
Chloroform  
Concen: 4.141 ug/L  
RT: 7.593 min Scan# 1021  
Delta R.T. -0.000 min  
Lab File: VD075903.D  
Acq: 28 Apr 2023 22:53

Tgt Ion: 83 Resp: 59293  
Ion Ratio Lower Upper  
83 100  
85 66.7 44.4 82.5





#34

Trichloroethene

Concen: 1.133 ug/L

RT: 9.028 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075903.D

Acq: 28 Apr 2023 22:53

Instrument :

MSVOA\_D

ClientSampleId :

DCCR3

Tgt Ion: 95 Resp: 10339

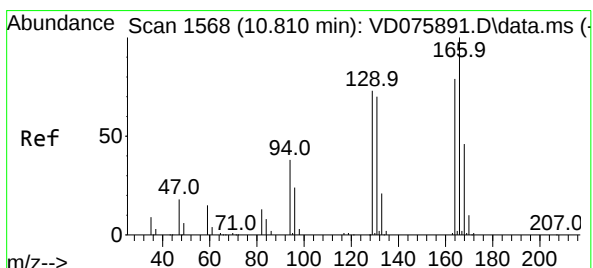
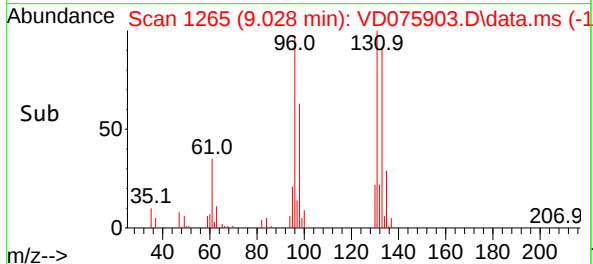
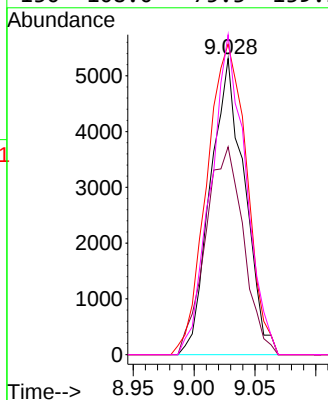
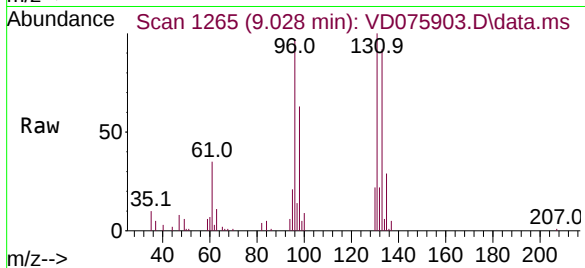
Ion Ratio Lower Upper

95 100

97 70.1 46.0 85.4

132 104.9 73.3 136.1

130 108.0 75.3 139.9



#46

Tetrachloroethene

Concen: 2.961 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD075903.D

Acq: 28 Apr 2023 22:53

Tgt Ion: 164 Resp: 22166

Ion Ratio Lower Upper

164 100

129 83.2 60.3 112.1

131 84.5 58.9 109.3

166 115.6 83.0 154.1

