

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071922\  
 Data File : VW023896.D  
 Acq On : 19 Jul 2022 20:52  
 Operator : SY/VA  
 Sample : N3766-02  
 Misc : 5.12g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 20 03:00:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 20 02:42:08 2022  
 Response via : Initial Calibration

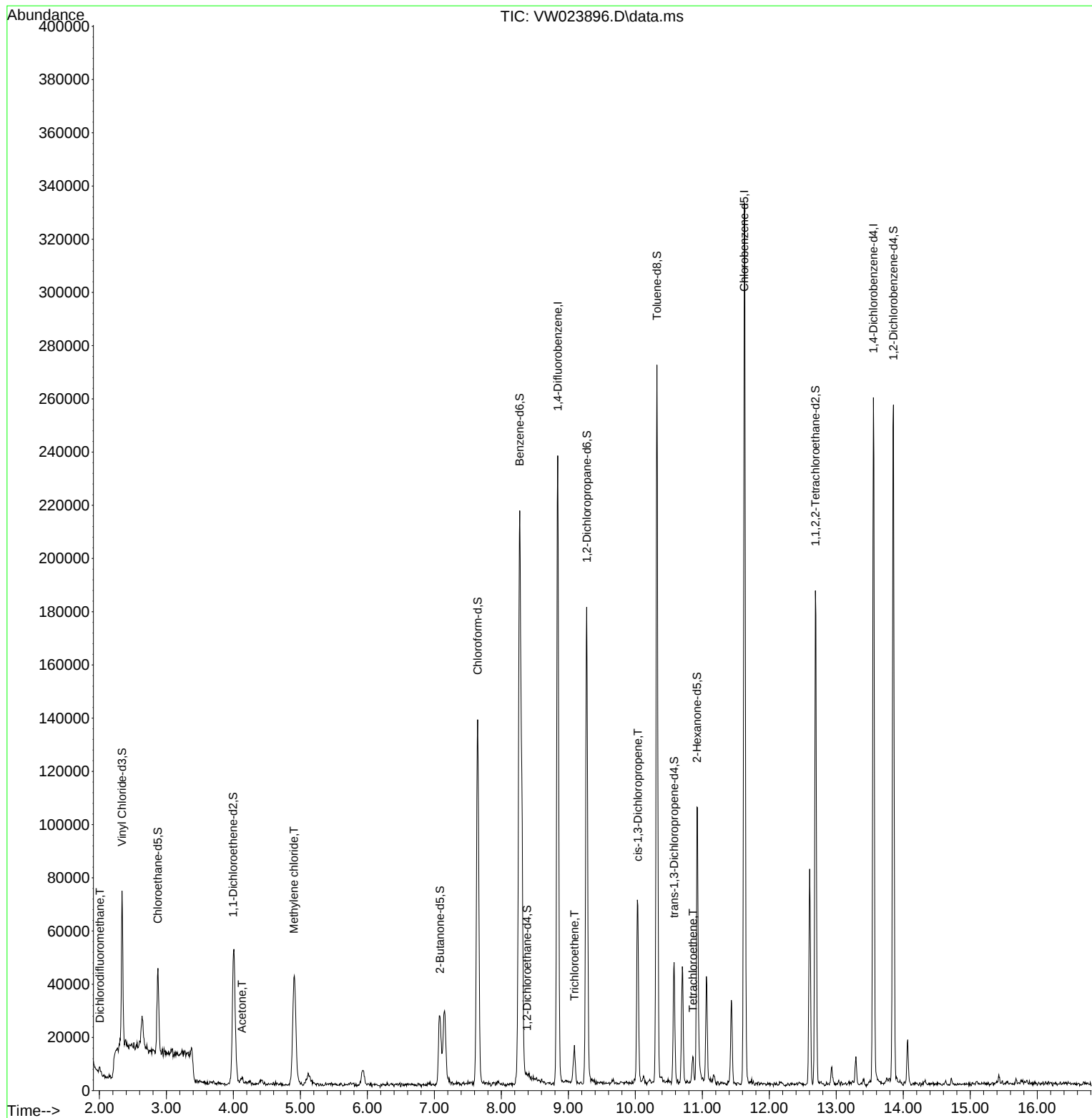
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 193810   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 181840   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 63581    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.337  | 65    | 52555    | 10.617   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 42.480%  |
| 7) Chloroethane-d5            | 2.873  | 69    | 34852    | 10.554   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 42.200%  |
| 11) 1,1-Dichloroethene-d2     | 3.995  | 63    | 48898    | 12.131   | ug/L   | -0.02    |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 48.520%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 44640    | 58.140   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 116.280% |
| 24) Chloroform-d              | 7.647  | 84    | 137264   | 24.326   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 97.320%  |
| 26) 1,2-Dichloroethane-d4     | 8.385  | 65    | 275      | 0.080    | ug/L   | 0.08     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.320%#  |
| 32) Benzene-d6                | 8.275  | 84    | 210965   | 22.318   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 89.280%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 76537    | 26.880   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 107.520% |
| 41) Toluene-d8                | 10.323 | 98    | 175389   | 18.293   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 73.160%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 24395    | 18.278   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 73.120%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 32313    | 53.969   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 107.940% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 89967    | 28.592   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 114.360% |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 61842    | 27.247   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 109.000% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.008  | 85    | 2819     | 2.140    | ug/L   | 90       |
| 13) Acetone                   | 4.129  | 43    | 4725     | 8.704    | ug/L   | 83       |
| 16) Methylene chloride        | 4.903  | 84    | 33666    | 11.109   | ug/L   | 96       |
| 34) Trichloroethene           | 9.092  | 95    | 3834     | 1.405    | ug/L # | 86       |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75    | 2381     | 0.610    | ug/L   | 87       |
| 46) Tetrachloroethene         | 10.860 | 164   | 1872     | 0.887    | ug/L   | 87       |
| -----                         |        |       |          |          |        |          |

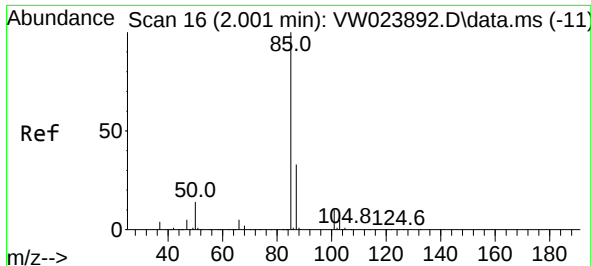
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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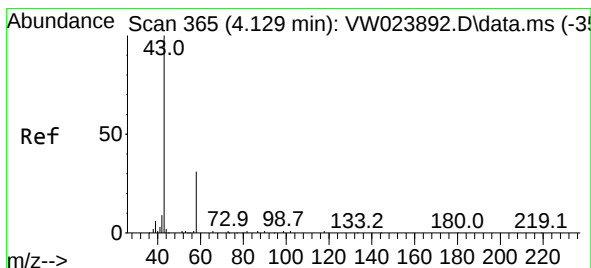
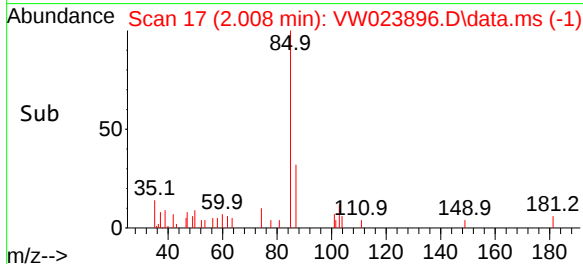
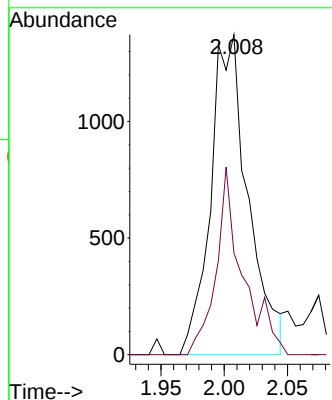
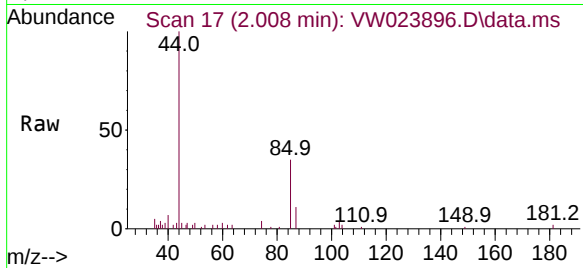




#2  
Dichlorodifluoromethane  
Concen: 2.140 ug/L  
RT: 2.008 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VW023896.D  
Acq: 19 Jul 2022 20:52

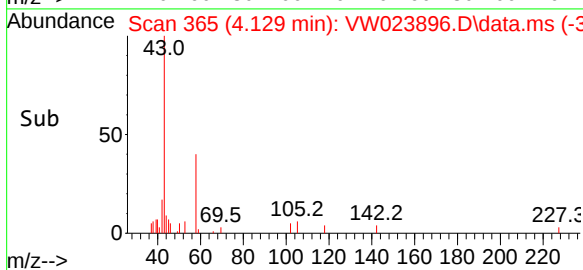
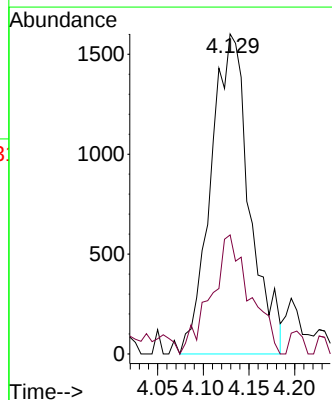
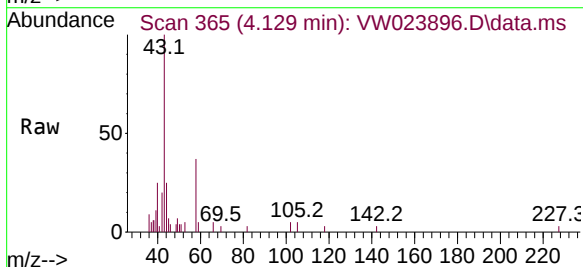
Instrument :  
MSVOA\_W  
ClientSampleId :

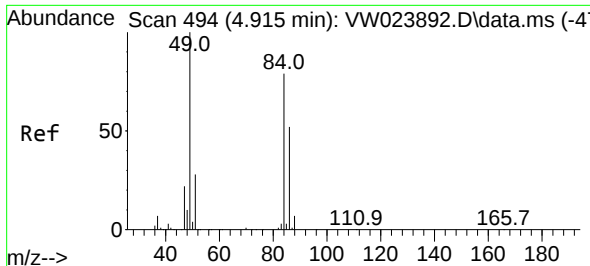
Tgt Ion: 85 Resp: 2819  
Ion Ratio Lower Upper  
85 100  
87 36.5 24.7 37.1



#13  
Acetone  
Concen: 8.704 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. 0.000 min  
Lab File: VW023896.D  
Acq: 19 Jul 2022 20:52

Tgt Ion: 43 Resp: 4725  
Ion Ratio Lower Upper  
43 100  
58 22.6 0.0 64.2

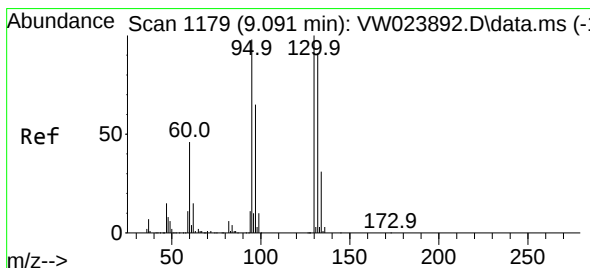
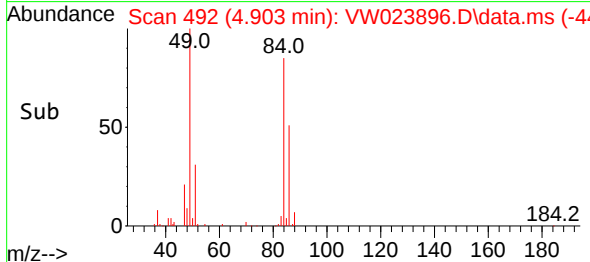
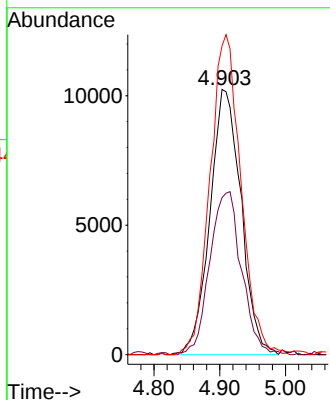
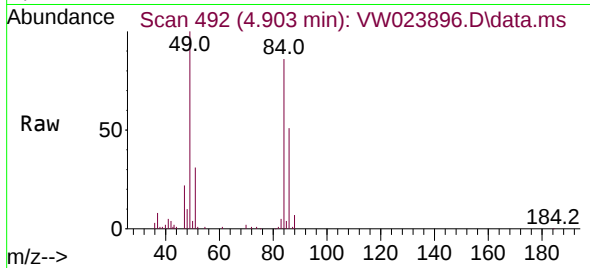




#16  
Methylene chloride  
Concen: 11.109 ug/L  
RT: 4.903 min Scan# 49  
Delta R.T. -0.012 min  
Lab File: VW023896.D  
Acq: 19 Jul 2022 20:52

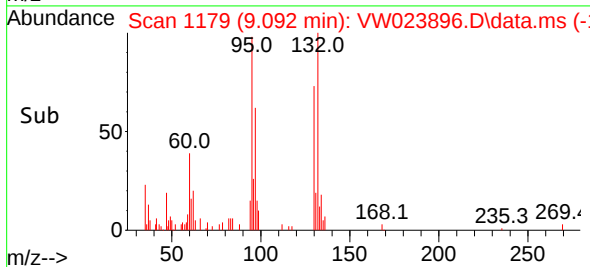
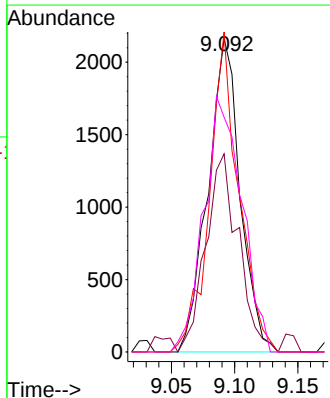
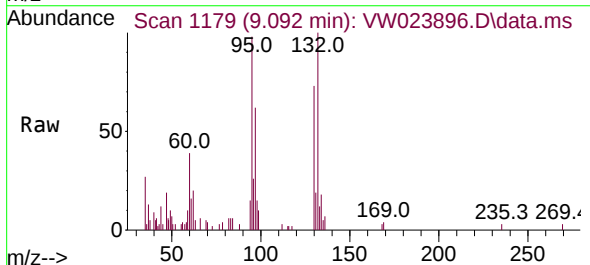
Instrument :  
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ClientSampleId :

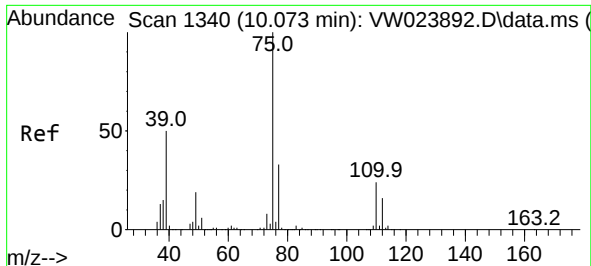
Tgt Ion: 84 Resp: 33666  
Ion Ratio Lower Upper  
84 100  
86 59.2 42.8 79.6  
49 116.4 85.4 158.6



#34  
Trichloroethene  
Concen: 1.405 ug/L  
RT: 9.092 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: VW023896.D  
Acq: 19 Jul 2022 20:52

Tgt Ion: 95 Resp: 3834  
Ion Ratio Lower Upper  
95 100  
97 63.2 45.6 84.8  
132 102.1 69.9 129.7  
130 74.9 75.4 140.0#





#39

cis-1,3-Dichloropropene

Concen: 0.610 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW023896.D

Acq: 19 Jul 2022 20:52

Instrument :

MSVOA\_W

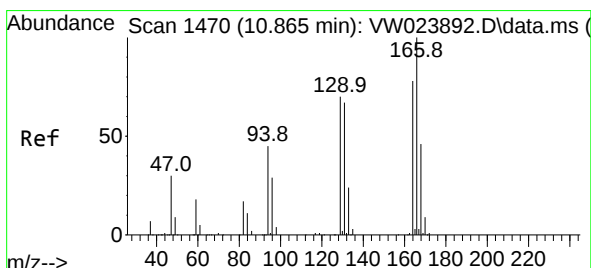
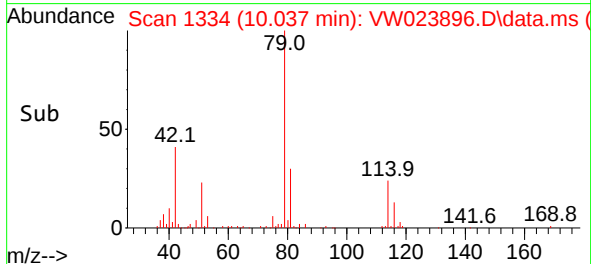
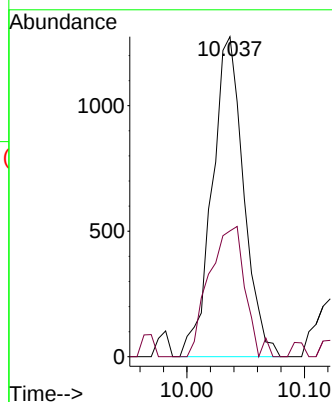
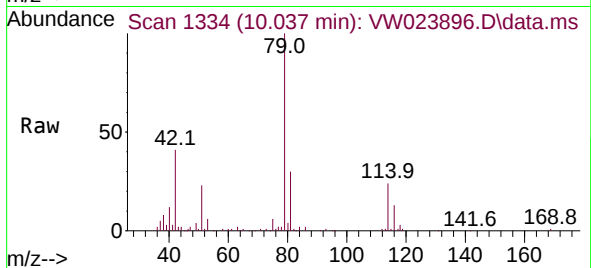
ClientSampleId :

Tgt Ion: 75 Resp: 2381

Ion Ratio Lower Upper

75 100

77 39.3 22.5 41.9



#46

Tetrachloroethene

Concen: 0.887 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW023896.D

Acq: 19 Jul 2022 20:52

Tgt Ion:164 Resp: 1872

Ion Ratio Lower Upper

164 100

129 101.1 72.4 134.5

131 73.1 67.8 125.8

166 111.8 88.9 165.1

