

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV091924\  
 Data File : VV037409.D  
 Acq On : 20 Sep 2024 02:43  
 Operator : SY/MD  
 Sample : P3994-08  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0B39

Quant Time: Sep 20 04:18:09 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091024WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 20 03:11:07 2024  
 Response via : Initial Calibration

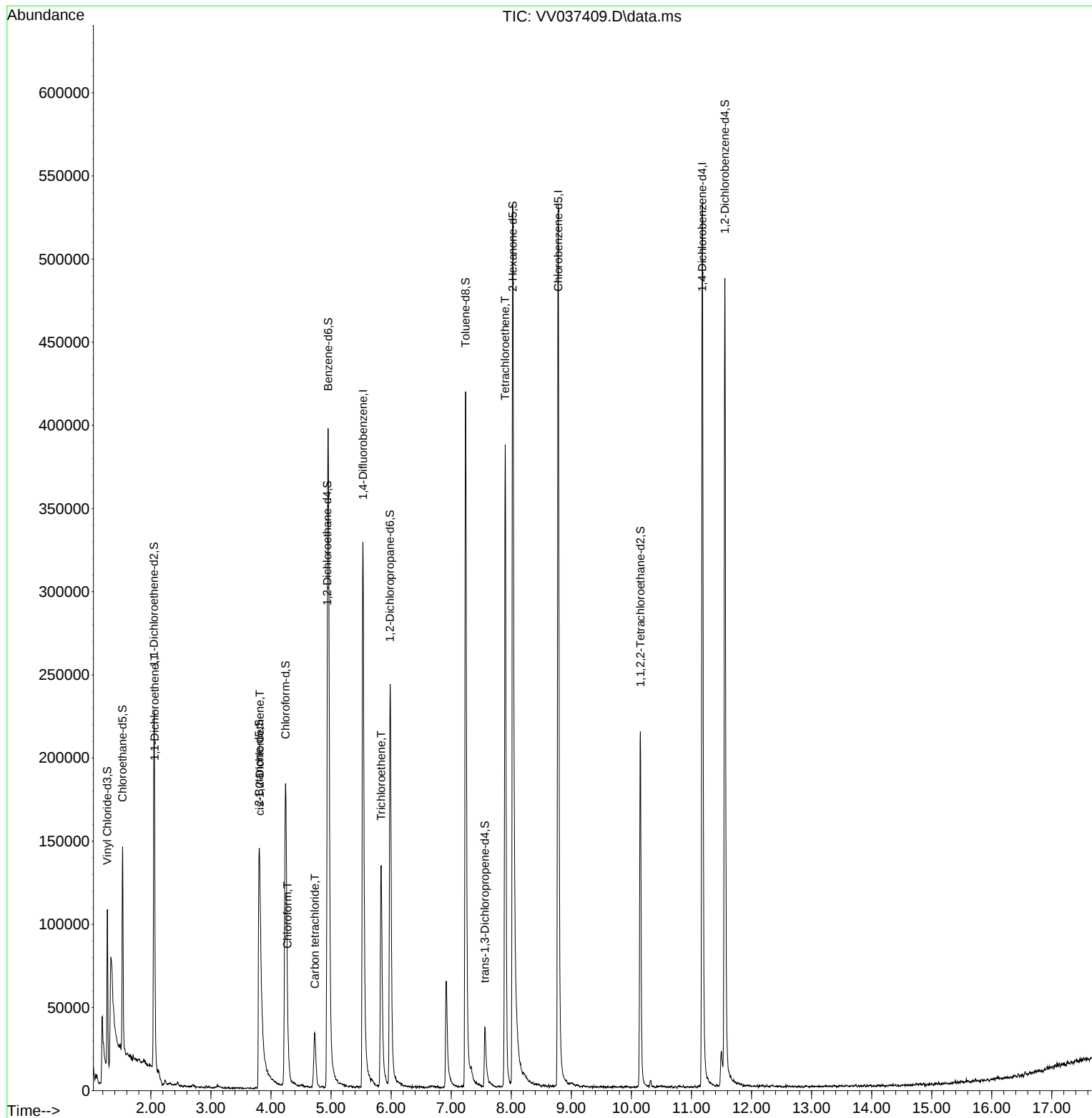
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.532  | 114            | 311315   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.780  | 117            | 317582   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152            | 148574   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65             | 62855    | 3.441  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 68.800%  |          |
| 7) Chloroethane-d5            | 1.529  | 69             | 79149    | 4.156  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 83.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65             | 34678    | 3.677  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 73.600%  |          |
| 20) 2-Butanone-d5             | 3.802  | 46             | 270804   | 49.613 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 99.220%  |          |
| 24) Chloroform-d              | 4.243  | 84             | 205930   | 4.644  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 92.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65             | 95933    | 4.620  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 92.400%  |          |
| 32) Benzene-d6                | 4.953  | 84             | 379103   | 4.452  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 89.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67             | 126688   | 4.784  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 95.600%  |          |
| 41) Toluene-d8                | 7.239  | 98             | 299480   | 3.903  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 78.000%  |          |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79             | 27453    | 3.152  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 63.000%  |          |
| 46) 2-Hexanone-d5             | 8.024  | 63             | 220335   | 51.775 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 103.540% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84             | 111098   | 5.148  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 103.000% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152            | 128507   | 4.865  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 97.400%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 12) 1,1-Dichloroethene        | 2.063  | 96             | 6876     | 0.315  | ug/L #   | 1        |
| 22) cis-1,2-Dichloroethene    | 3.812  | 96             | 11418    | 0.460  | ug/L     | 95       |
| 25) Chloroform                | 4.275  | 83             | 14093    | 0.319  | ug/L     | 97       |
| 31) Carbon tetrachloride      | 4.728  | 117            | 24900    | 0.777  | ug/L     | 94       |
| 34) Trichloroethene           | 5.834  | 95             | 53479    | 2.074  | ug/L     | 95       |
| 47) Tetrachloroethene         | 7.899  | 164            | 88184    | 4.778  | ug/L     | 96       |
| -----                         |        |                |          |        |          |          |

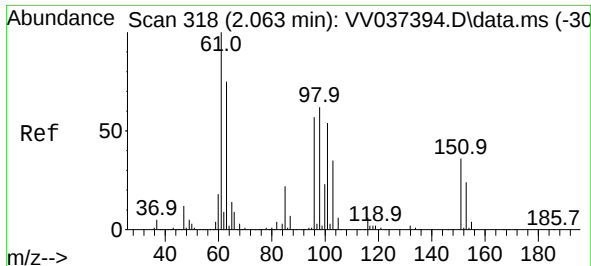
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.315 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV037409.D

Acq: 20 Sep 2024 02:43

Instrument :

MSVOA\_V

ClientSampleId :

C0B39

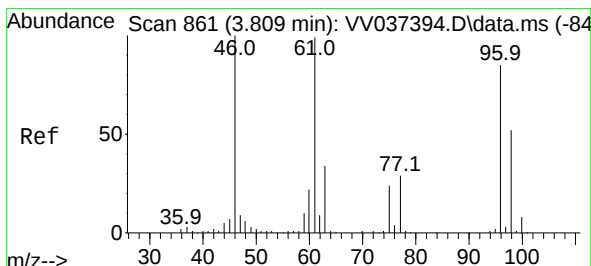
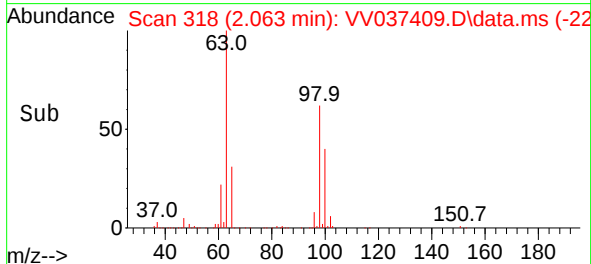
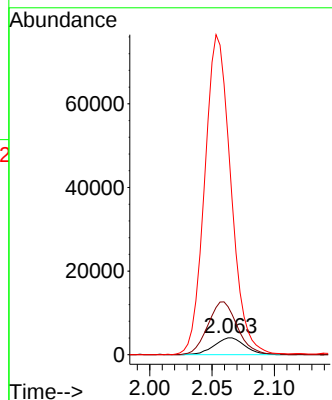
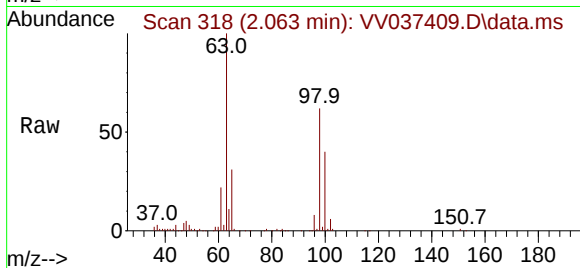
Tgt Ion: 96 Resp: 6876

Ion Ratio Lower Upper

96 100

61 286.4 119.9 222.7#

63 1286.9 81.4 151.2#



#22

cis-1,2-Dichloroethene

Concen: 0.460 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.003 min

Lab File: VV037409.D

Acq: 20 Sep 2024 02:43

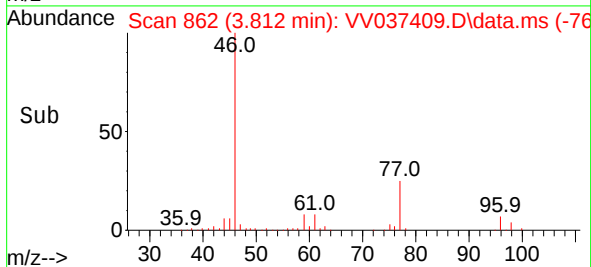
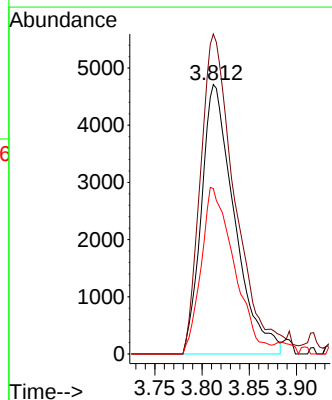
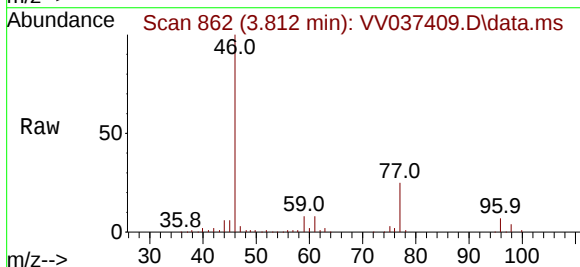
Tgt Ion: 96 Resp: 11418

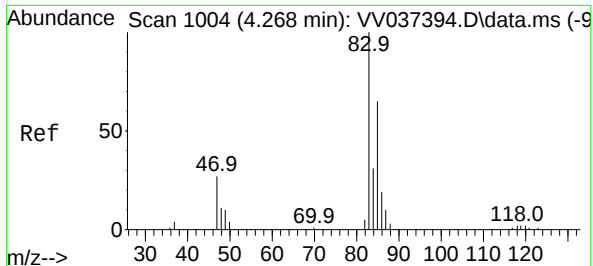
Ion Ratio Lower Upper

96 100

61 118.7 87.6 162.6

98 61.4 44.9 83.5





#25

Chloroform

Concen: 0.319 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV037409.D

Acq: 20 Sep 2024 02:43

Instrument :

MSVOA\_V

ClientSampleId :

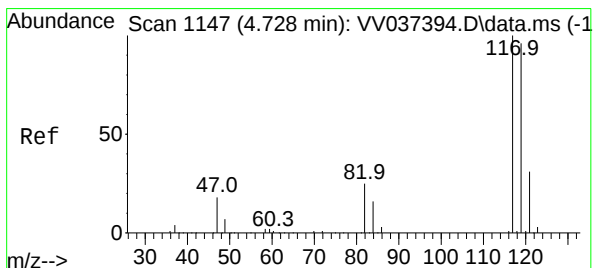
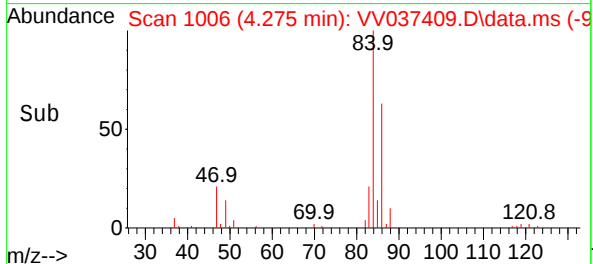
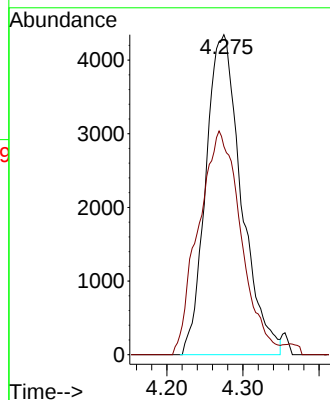
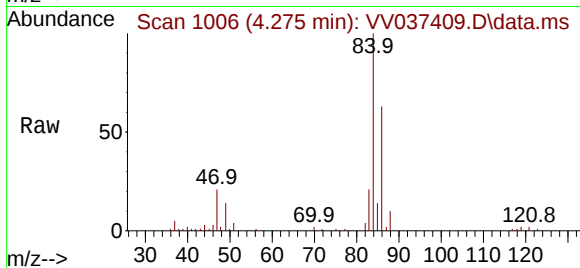
C0B39

Tgt Ion: 83 Resp: 14093

Ion Ratio Lower Upper

83 100

85 65.1 43.8 81.4



#31

Carbon tetrachloride

Concen: 0.777 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV037409.D

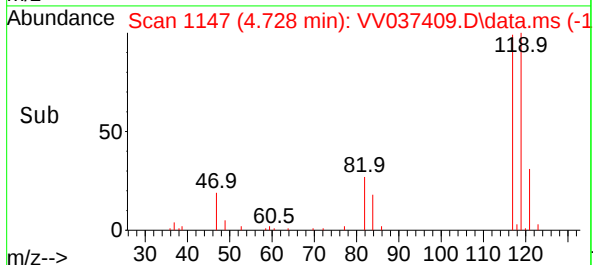
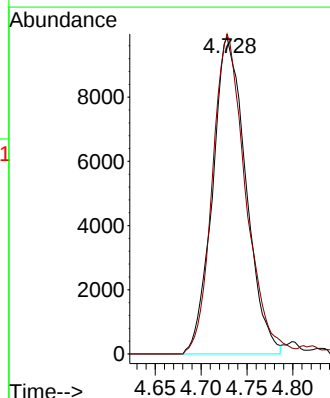
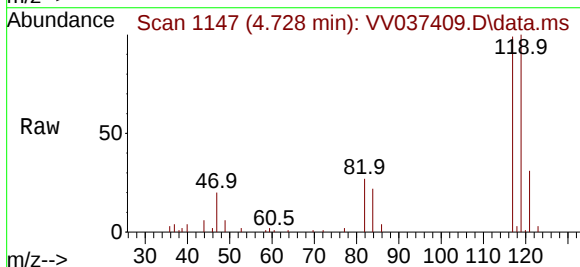
Acq: 20 Sep 2024 02:43

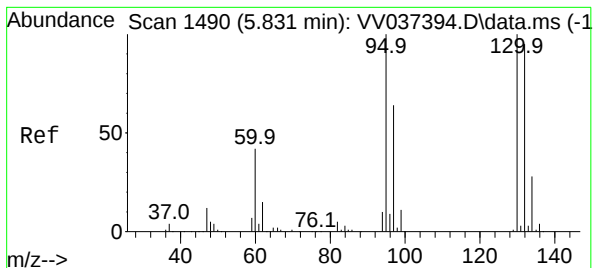
Tgt Ion: 117 Resp: 24900

Ion Ratio Lower Upper

117 100

119 100.7 76.2 114.4





#34

Trichloroethene

Concen: 2.074 ug/L

RT: 5.834 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV037409.D

Acq: 20 Sep 2024 02:43

Instrument :

MSVOA\_V

ClientSampleId :

C0B39

Tgt Ion: 95 Resp: 53479

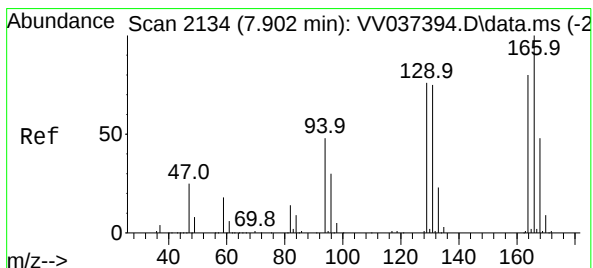
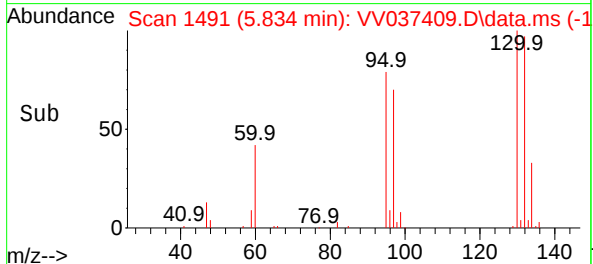
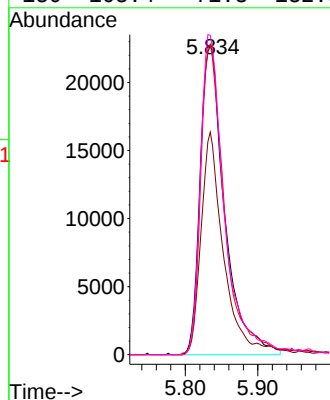
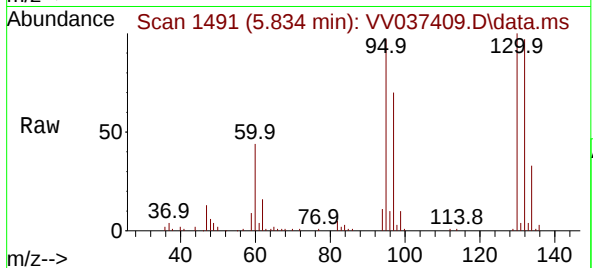
Ion Ratio Lower Upper

95 100

97 72.0 46.5 86.5

132 100.5 65.5 121.7

130 103.4 71.3 132.3



#47

Tetrachloroethene

Concen: 4.778 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.003 min

Lab File: VV037409.D

Acq: 20 Sep 2024 02:43

Tgt Ion:164 Resp: 88184

Ion Ratio Lower Upper

164 100

129 104.8 69.2 128.4

131 98.9 66.6 123.8

166 129.2 88.8 165.0

