

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV050322\  
 Data File : VV025802.D  
 Acq On : 03 May 2022 18:49  
 Operator : SY/MD  
 Sample : N2615-14  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: May 04 05:09:22 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR050322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed May 04 05:06:02 2022  
 Response via : Initial Calibration

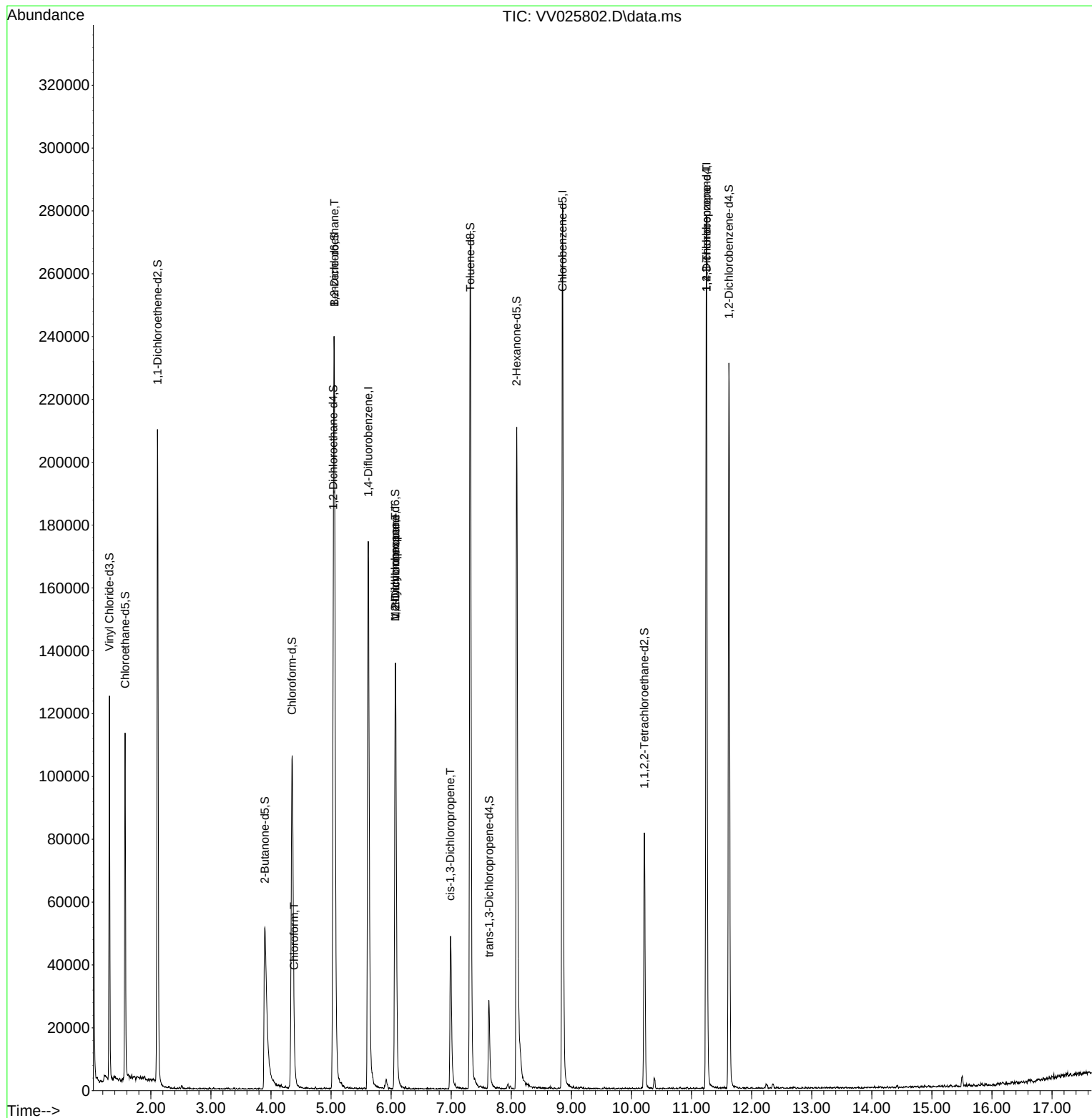
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 151902   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117            | 155378   | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 71276    | 5.000  | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.310  | 65             | 77313    | 4.643  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 92.800% |          |
| 7) Chloroethane-d5            | 1.571  | 69             | 68833    | 4.700  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 94.000% |          |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63             | 111574   | 3.528  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 70.600% |          |
| 20) 2-Butanone-d5             | 3.895  | 46             | 94048    | 41.274 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 82.540% |          |
| 24) Chloroform-d              | 4.349  | 84             | 110566   | 4.433  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 88.600% |          |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65             | 51042    | 4.624  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 92.400% |          |
| 32) Benzene-d6                | 5.053  | 84             | 223450   | 4.478  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 89.600% |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 66185    | 4.510  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 90.200% |          |
| 41) Toluene-d8                | 7.316  | 98             | 184091   | 4.078  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 81.600% |          |
| 43) trans-1,3-Dichloroprop... | 7.628  | 79             | 17100    | 3.681  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 73.600% |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 71084    | 39.261 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 78.520% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.213 | 84             | 39463    | 4.259  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 85.200% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 57771    | 4.621  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 92.400% |          |
| Target Compounds              |        |                |          |        |         |          |
| 25) Chloroform                | 4.384  | 83             | 3135     | 0.131  | ug/L    | 78       |
| 27) 1,2-Dichloroethane        | 5.053  | 62             | 1348     | 0.104  | ug/L #  | 71       |
| 35) Methylcyclohexane         | 6.069  | 83             | 15981    | 0.757  | ug/L #  | 22       |
| 37) 1,2-Dichloropropane       | 6.072  | 63             | 7185     | 0.568  | ug/L #  | 85       |
| 39) cis-1,3-Dichloropropene   | 6.985  | 75             | 1371     | 0.088  | ug/L #  | 63       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75             | 9491     | 1.664  | ug/L #  | 62       |

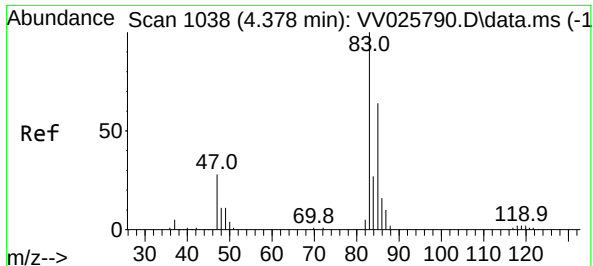
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 04 05:06:02 2022  
Response via : Initial Calibration





#25

Chloroform

Concen: 0.131 ug/L

RT: 4.384 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025802.D

Acq: 03 May 2022 18:49

Instrument :

MSVOA\_V

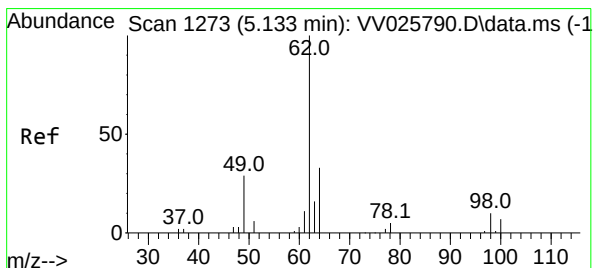
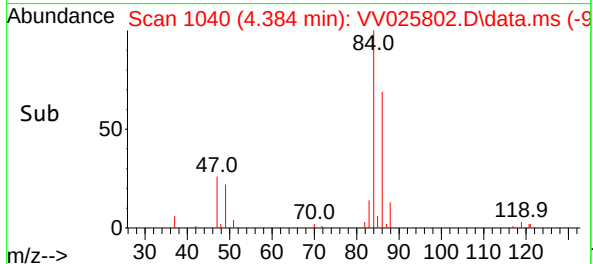
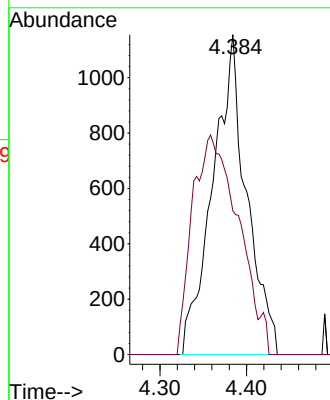
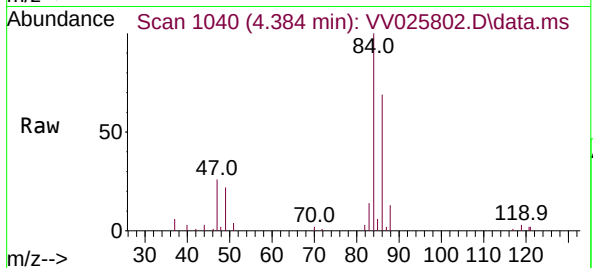
ClientSampleId :

Tgt Ion: 83 Resp: 3135

Ion Ratio Lower Upper

83 100

85 44.9 43.5 80.7



#27

1,2-Dichloroethane

Concen: 0.104 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.081 min

Lab File: VV025802.D

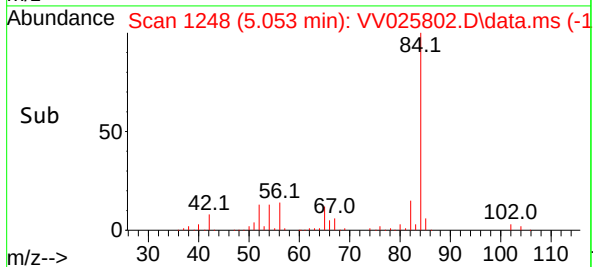
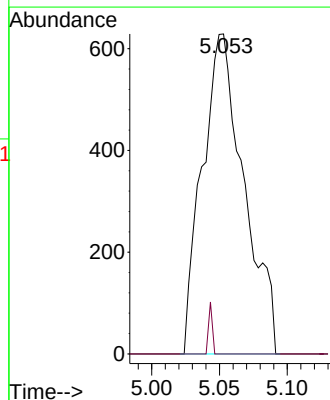
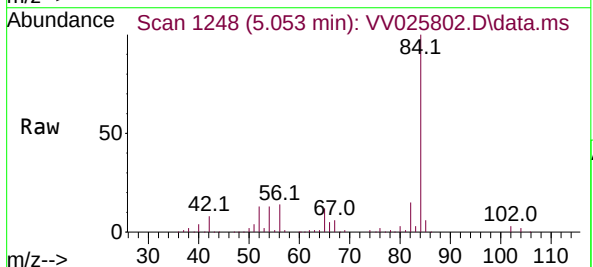
Acq: 03 May 2022 18:49

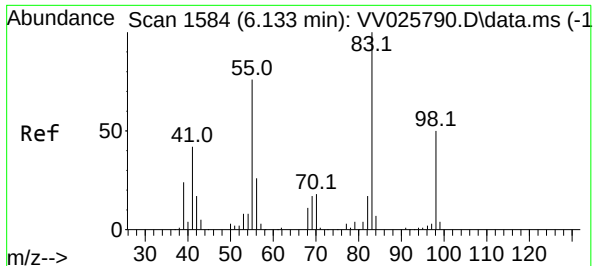
Tgt Ion: 62 Resp: 1348

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#





#35

Methylcyclohexane

Concen: 0.757 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.064 min

Lab File: VV025802.D

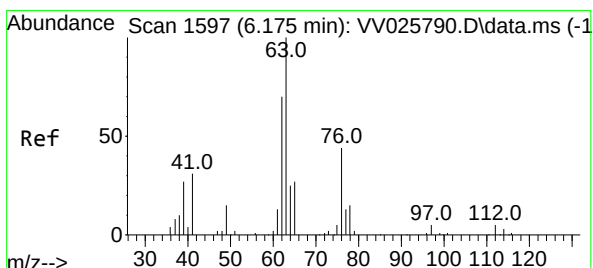
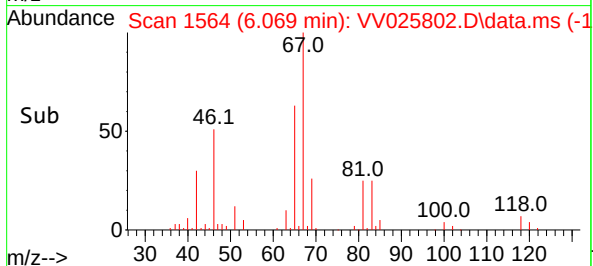
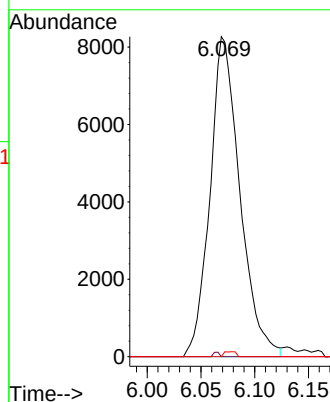
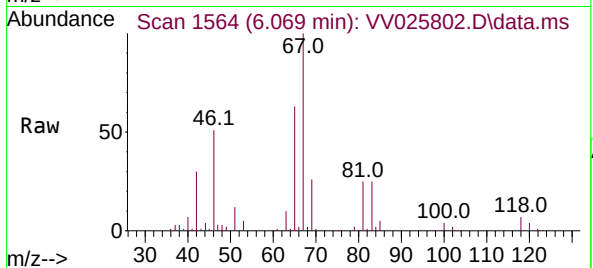
Acq: 03 May 2022 18:49

Instrument :

MSVOA\_V

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 15981 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 0.3      | 53.7 80.5#  |
| 98 0.6      | 39.6 59.4#  |



#37

1,2-Dichloropropane

Concen: 0.568 ug/L

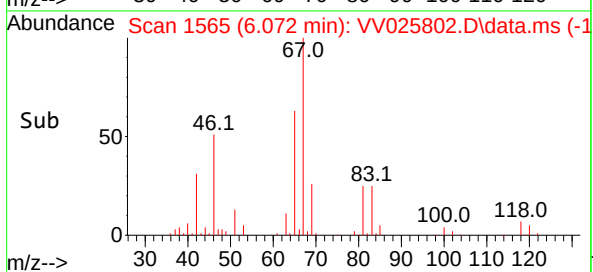
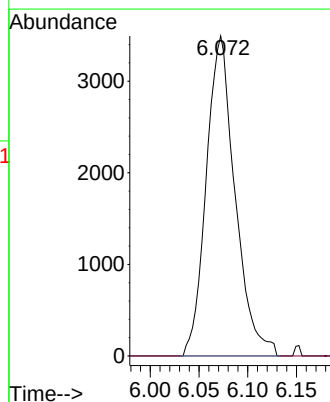
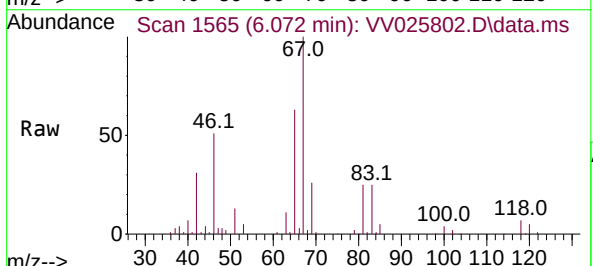
RT: 6.072 min Scan# 1565

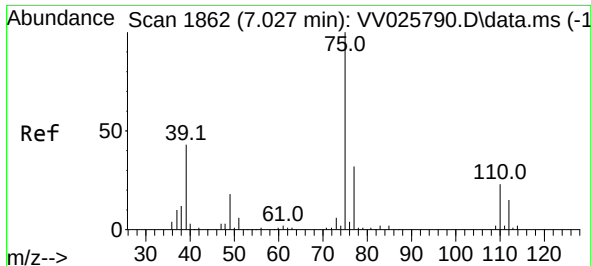
Delta R.T. -0.103 min

Lab File: VV025802.D

Acq: 03 May 2022 18:49

|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 7185  |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 112 0.0     | 3.8 5.8#    |





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV025802.D

Acq: 03 May 2022 18:49

Instrument :

MSVOA\_V

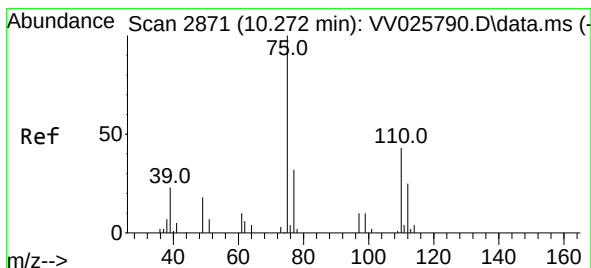
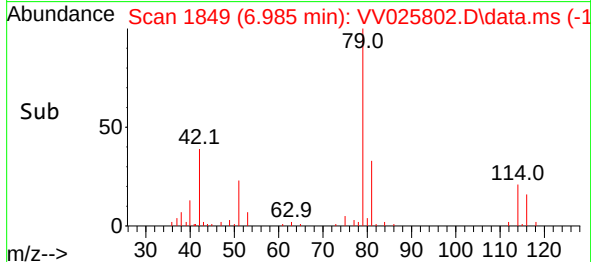
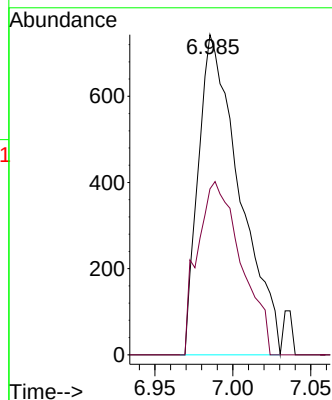
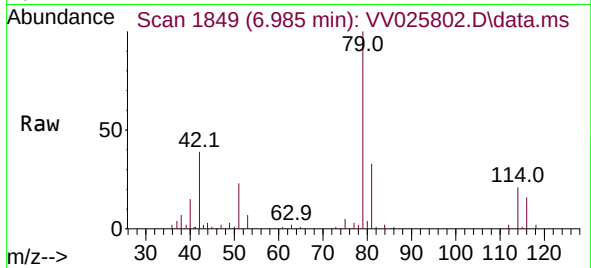
ClientSampleId :

Tgt Ion: 75 Resp: 1371

Ion Ratio Lower Upper

75 100

77 51.8 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.664 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV025802.D

Acq: 03 May 2022 18:49

Tgt Ion: 75 Resp: 9491

Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4

110 1.6 34.7 52.1#

