

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082522\  
 Data File : VV027500.D  
 Acq On : 25 Aug 2022 17:24  
 Operator : SY/MD  
 Sample : N4370-02  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 26 01:00:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Aug 26 00:58:54 2022  
 Response via : Initial Calibration

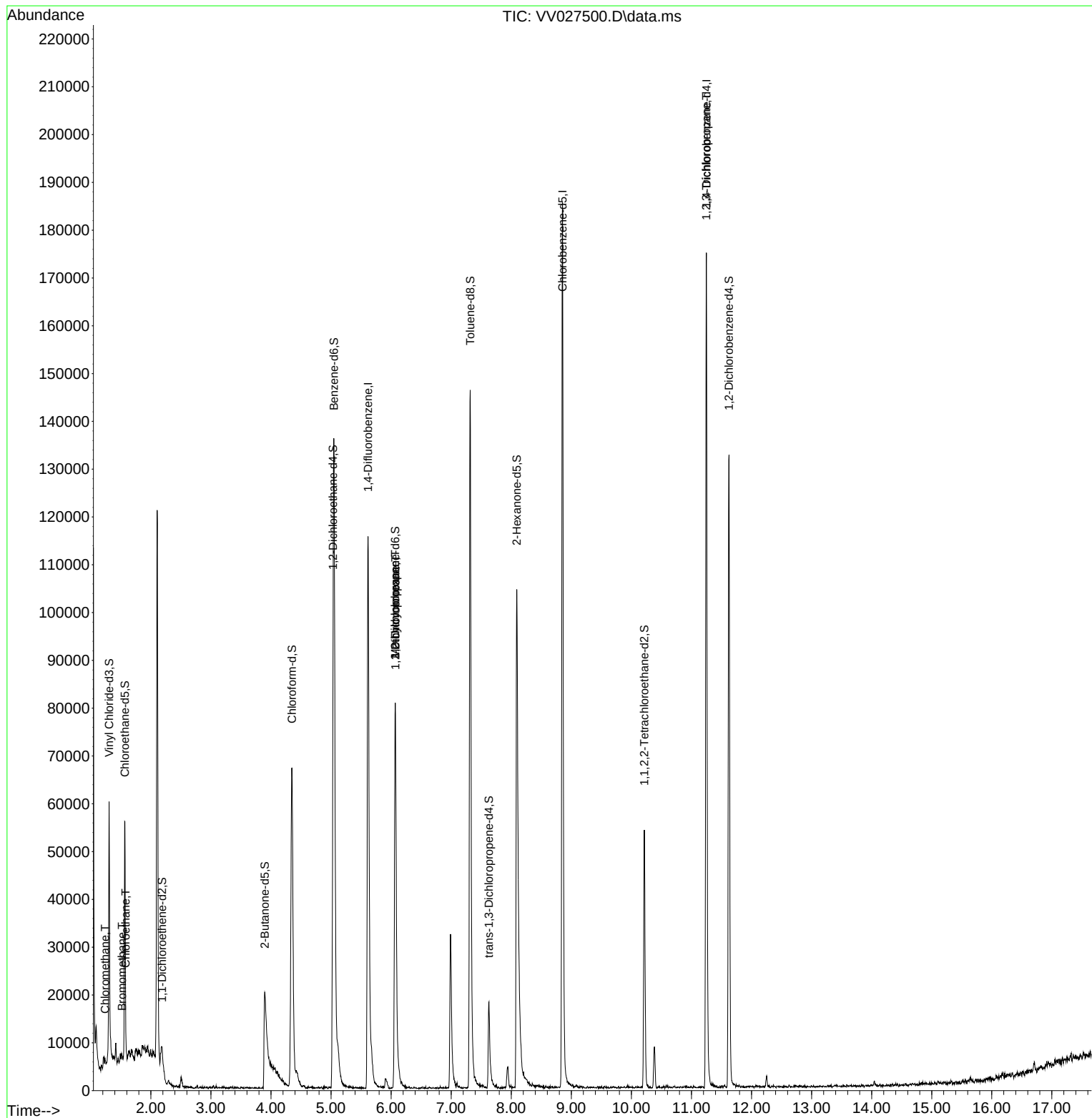
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 104003   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 104618   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 46904    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 36478    | 4.928    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 98.600%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 31074    | 5.736    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 114.800% |
| 11) 1,1-Dichloroethene-d2     | 2.185  | 63    | 3961     | 0.229    | ug/L   | 0.08     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 4.600%#  |
| 20) 2-Butanone-d5             | 3.899  | 46    | 44155    | 47.934   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 95.860%  |
| 24) Chloroform-d              | 4.349  | 84    | 72667    | 4.910    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 30859    | 4.820    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.400%  |
| 32) Benzene-d6                | 5.050  | 84    | 129098   | 4.455    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 40268    | 4.780    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.600%  |
| 41) Toluene-d8                | 7.317  | 98    | 103967   | 3.974    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 79.400%  |
| 43) trans-1,3-Dichloroprop... | 7.628  | 79    | 12432    | 4.310    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 86.200%  |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 43329    | 45.631   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 91.260%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 25863    | 4.821    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 96.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 35383    | 5.089    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 101.800% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.236  | 50    | 804      | 0.083    | ug/L # | 80       |
| 6) Bromomethane               | 1.519  | 94    | 446      | 0.093    | ug/L   | 93       |
| 8) Chloroethane               | 1.581  | 64    | 869      | 0.153    | ug/L # | 59       |
| 35) Methylcyclohexane         | 6.069  | 83    | 10697    | 0.831    | ug/L # | 15       |
| 37) 1,2-Dichloropropane       | 6.072  | 63    | 4922     | 0.531    | ug/L # | 85       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 5844     | 1.420    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

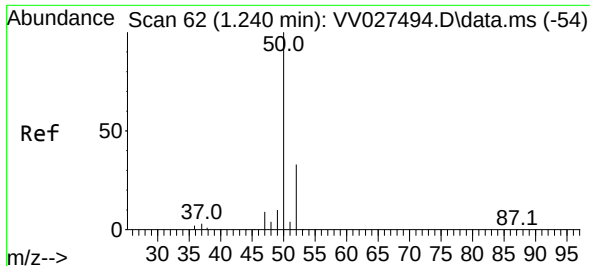
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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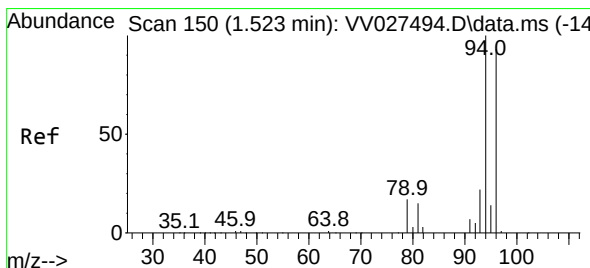
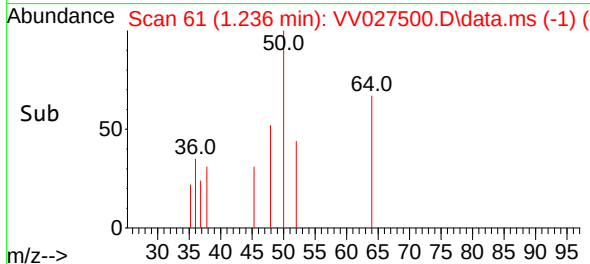
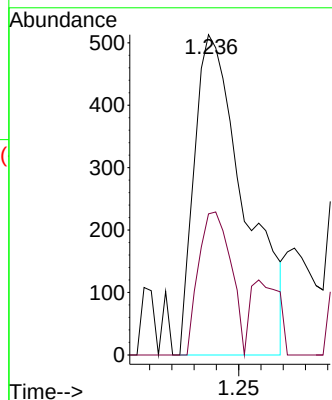
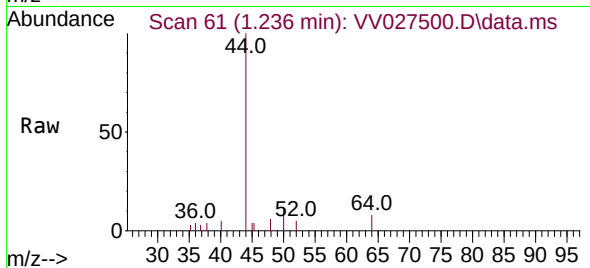




#3  
Chloromethane  
Concen: 0.083 ug/L  
RT: 1.236 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: VV027500.D  
Acq: 25 Aug 2022 17:24

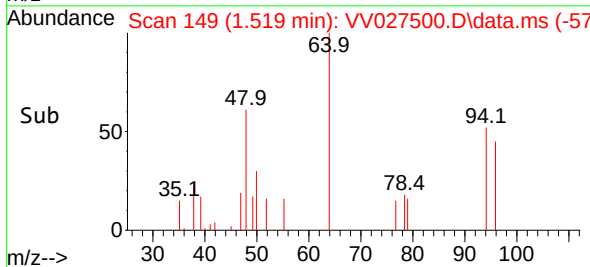
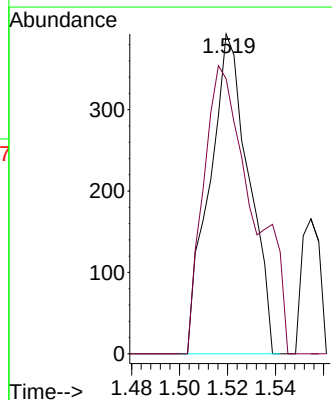
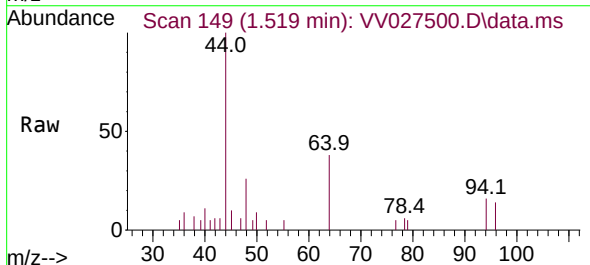
Instrument :  
MSVOA\_V  
ClientSampleId :

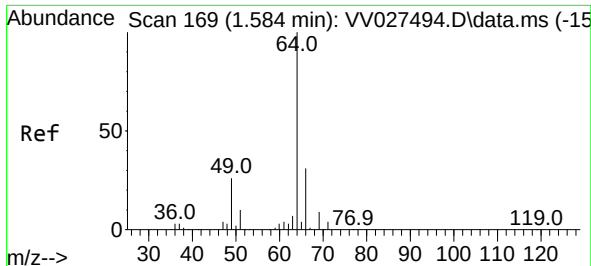
Tgt Ion: 50 Resp: 804  
Ion Ratio Lower Upper  
50 100  
52 44.1 22.8 42.4#



#6  
Bromomethane  
Concen: 0.093 ug/L  
RT: 1.519 min Scan# 149  
Delta R.T. -0.003 min  
Lab File: VV027500.D  
Acq: 25 Aug 2022 17:24

Tgt Ion: 94 Resp: 446  
Ion Ratio Lower Upper  
94 100  
96 86.0 65.2 121.0

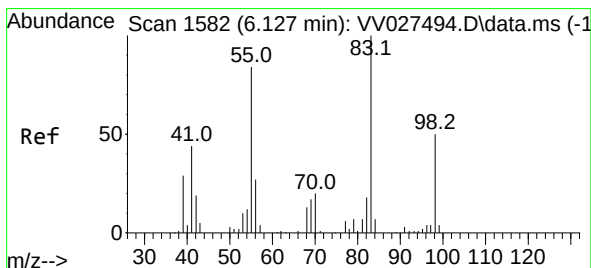
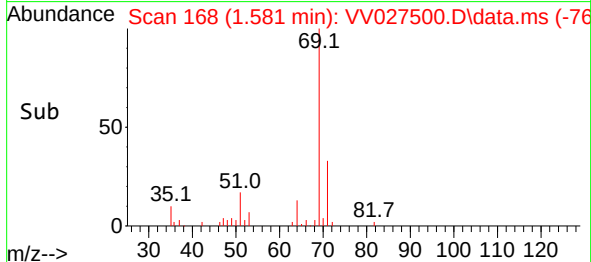
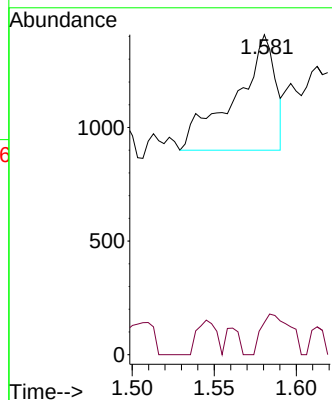
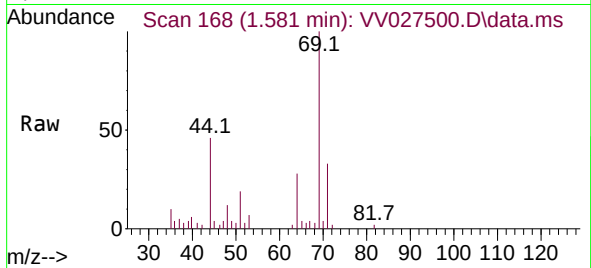




#8  
Chloroethane  
Concen: 0.153 ug/L  
RT: 1.581 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: VV027500.D  
Acq: 25 Aug 2022 17:24

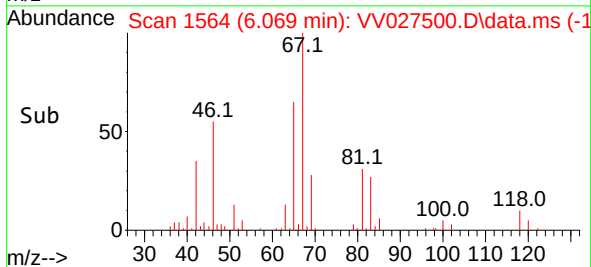
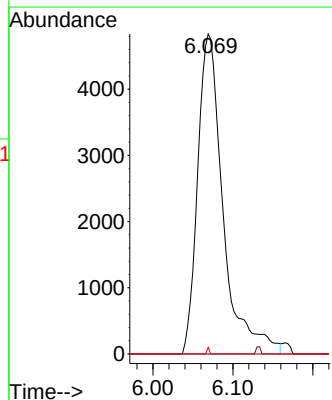
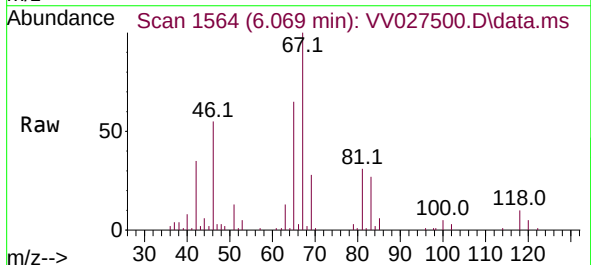
Instrument :  
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ClientSampleId :

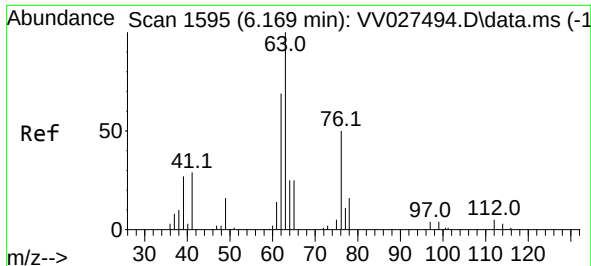
Tgt Ion: 64 Resp: 869  
Ion Ratio Lower Upper  
64 100  
66 10.1 23.3 43.3#



#35  
Methylcyclohexane  
Concen: 0.831 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.058 min  
Lab File: VV027500.D  
Acq: 25 Aug 2022 17:24

Tgt Ion: 83 Resp: 10697  
Ion Ratio Lower Upper  
83 100  
55 0.4 68.2 102.4#  
98 0.2 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.531 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV027500.D

Acq: 25 Aug 2022 17:24

Instrument :

MSVOA\_V

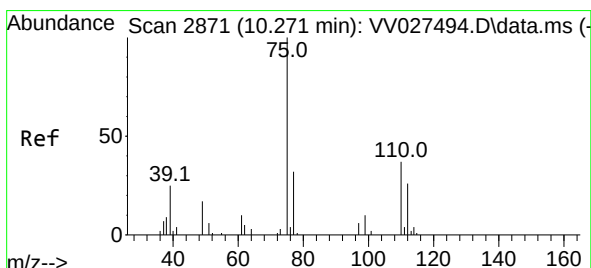
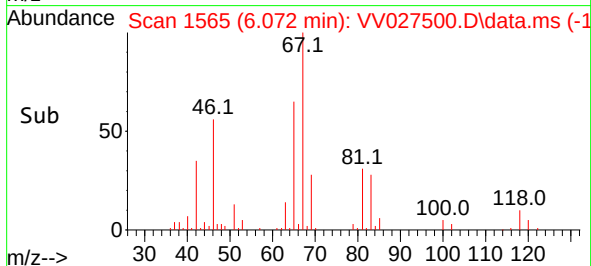
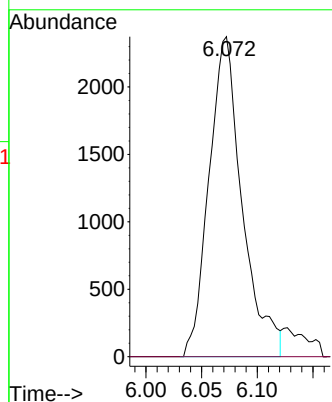
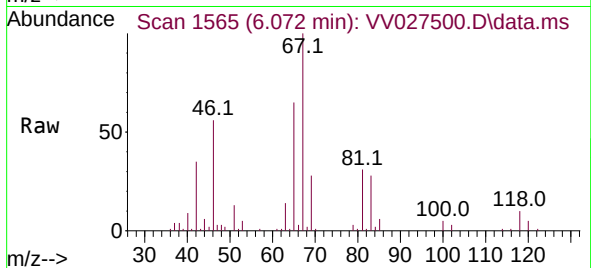
ClientSampleId :

Tgt Ion: 63 Resp: 4922

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#61

1,2,3-Trichloropropane

Concen: 1.420 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027500.D

Acq: 25 Aug 2022 17:24

Tgt Ion: 75 Resp: 5844

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

110 2.6 29.9 44.9#

