

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV050322\  
 Data File : VV025803.D  
 Acq On : 03 May 2022 19:13  
 Operator : SY/MD  
 Sample : N2615-15  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: May 04 05:09:33 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

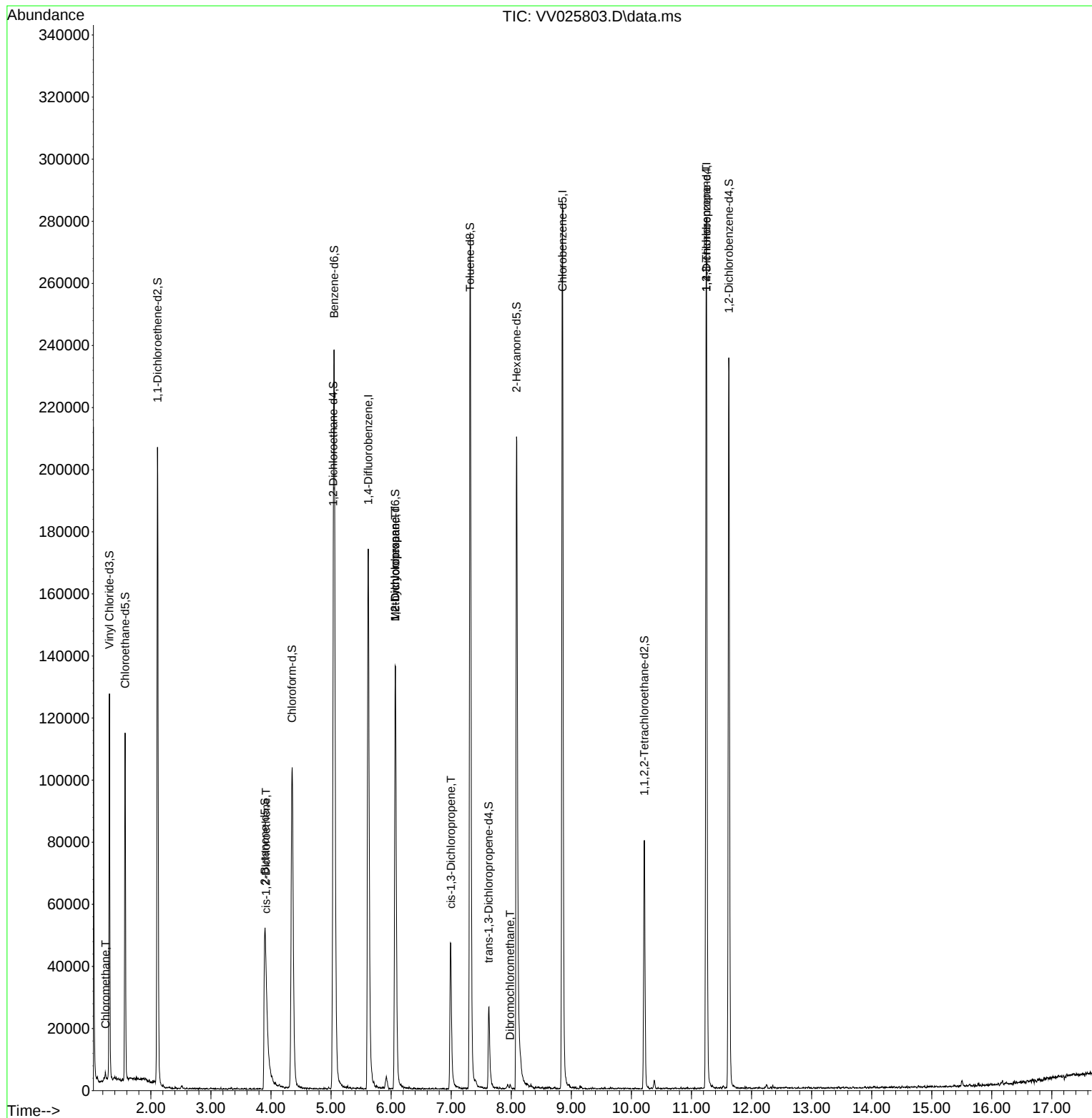
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 153017   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117            | 156465   | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 73371    | 5.000  | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.311  | 65             | 77465    | 4.619  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 92.400% |          |
| 7) Chloroethane-d5            | 1.571  | 69             | 69954    | 4.742  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 94.800% |          |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63             | 107660   | 3.379  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 67.600% |          |
| 20) 2-Butanone-d5             | 3.899  | 46             | 92000    | 40.081 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 80.160% |          |
| 24) Chloroform-d              | 4.352  | 84             | 109664   | 4.365  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 87.400% |          |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65             | 50129    | 4.509  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 90.200% |          |
| 32) Benzene-d6                | 5.053  | 84             | 225315   | 4.484  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 89.600% |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 65274    | 4.417  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 88.400% |          |
| 41) Toluene-d8                | 7.317  | 98             | 188193   | 4.140  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 82.800% |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 16157    | 3.454  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 69.000% |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 71127    | 39.012 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 78.020% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 39121    | 4.193  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 83.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 59796    | 4.646  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 93.000% |          |
| Target Compounds              |        |                |          |        |         |          |
| 3) Chloromethane              | 1.246  | 50             | 948      | 0.045  | ug/L    | 88       |
| 22) cis-1,2-Dichloroethene    | 3.915  | 96             | 442      | 0.033  | ug/L    | 94       |
| 35) Methylcyclohexane         | 6.069  | 83             | 15531    | 0.731  | ug/L #  | 22       |
| 37) 1,2-Dichloropropane       | 6.069  | 63             | 7711     | 0.605  | ug/L #  | 85       |
| 39) cis-1,3-Dichloropropene   | 6.995  | 75             | 1102     | 0.071  | ug/L #  | 26       |
| 49) Dibromochloromethane      | 7.982  | 129            | 270      | 0.030  | ug/L #  | 11       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75             | 9120     | 1.553  | ug/L #  | 63       |

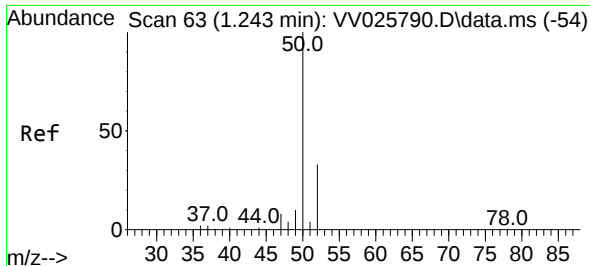
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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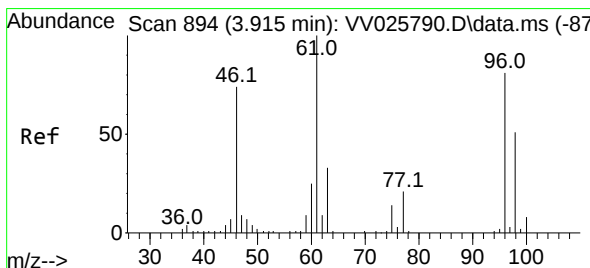
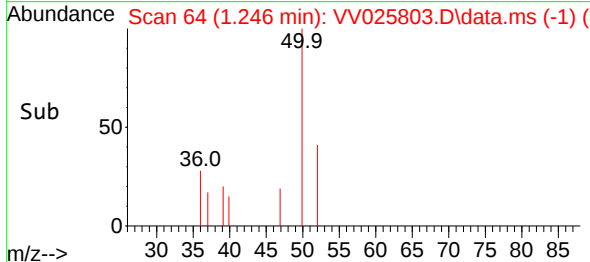
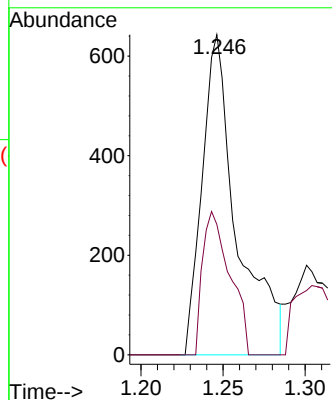
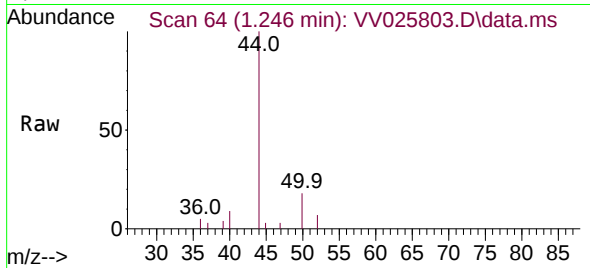




#3  
Chloromethane  
Concen: 0.045 ug/L  
RT: 1.246 min Scan# 64  
Delta R.T. 0.003 min  
Lab File: VV025803.D  
Acq: 03 May 2022 19:13

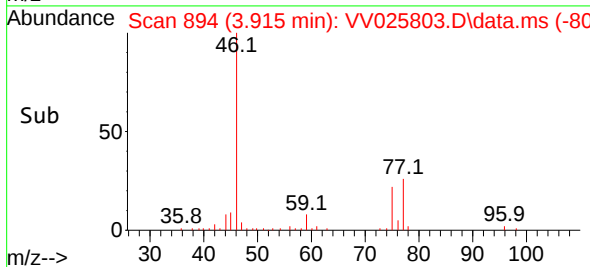
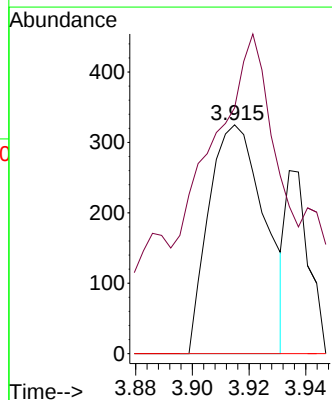
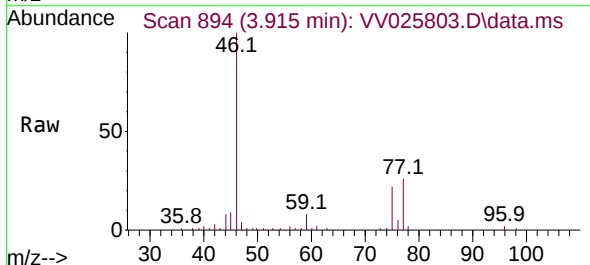
Instrument :  
MSVOA\_V  
ClientSampleId :

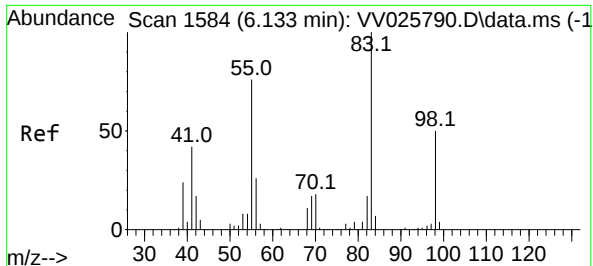
Tgt Ion: 50 Resp: 948  
Ion Ratio Lower Upper  
50 100  
52 40.7 23.7 43.9



#22  
cis-1,2-Dichloroethene  
Concen: 0.033 ug/L  
RT: 3.915 min Scan# 894  
Delta R.T. 0.000 min  
Lab File: VV025803.D  
Acq: 03 May 2022 19:13

Tgt Ion: 96 Resp: 442  
Ion Ratio Lower Upper  
96 100  
61 107.4 80.0 148.6  
68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 0.731 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.064 min

Lab File: VV025803.D

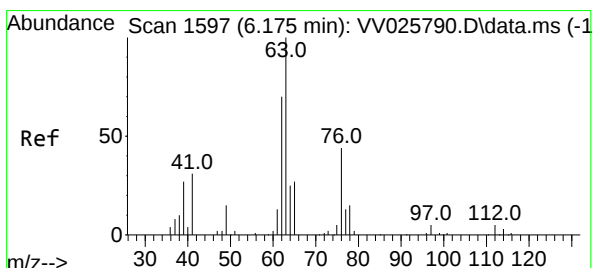
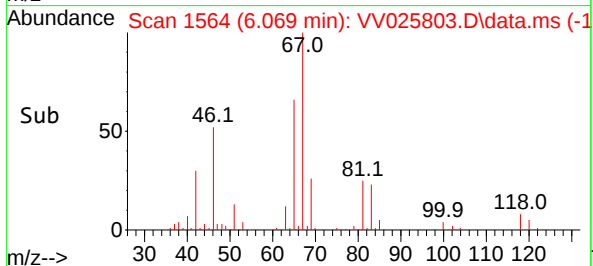
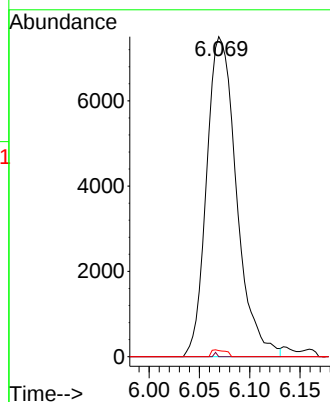
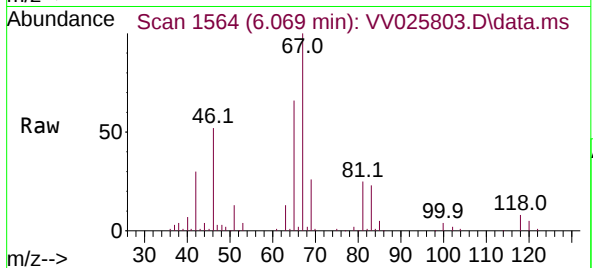
Acq: 03 May 2022 19:13

Instrument :

MSVOA\_V

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 15531 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 0.1      | 53.7 80.5#  |
| 98 1.0      | 39.6 59.4#  |



#37

1,2-Dichloropropane

Concen: 0.605 ug/L

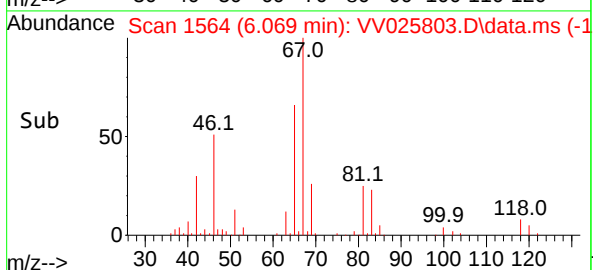
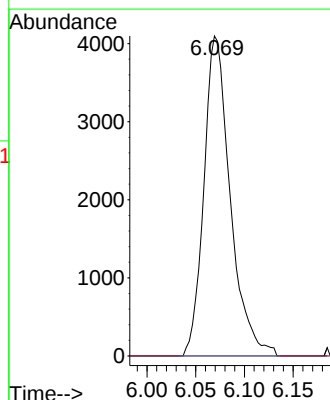
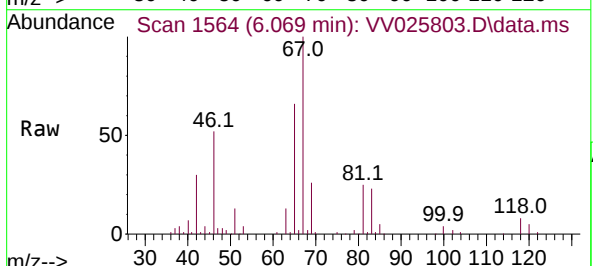
RT: 6.069 min Scan# 1564

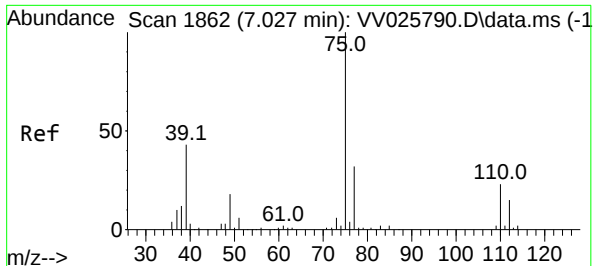
Delta R.T. -0.106 min

Lab File: VV025803.D

Acq: 03 May 2022 19:13

|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 7711  |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 112 0.0     | 3.8 5.8#    |





#39

cis-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV025803.D

Acq: 03 May 2022 19:13

Instrument :

MSVOA\_V

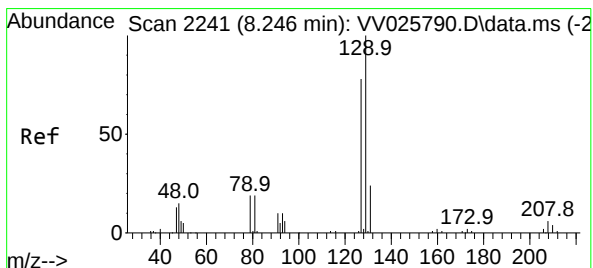
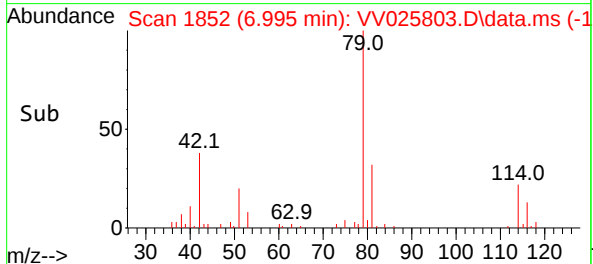
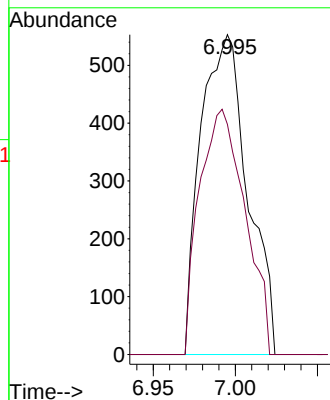
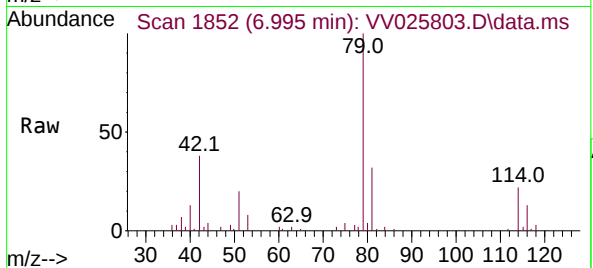
ClientSampleId :

Tgt Ion: 75 Resp: 1102

Ion Ratio Lower Upper

75 100

77 72.0 21.8 40.6#



#49

Dibromochloromethane

Concen: 0.030 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV025803.D

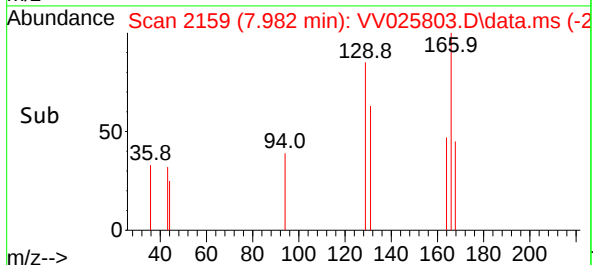
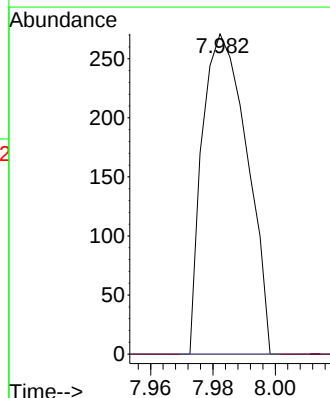
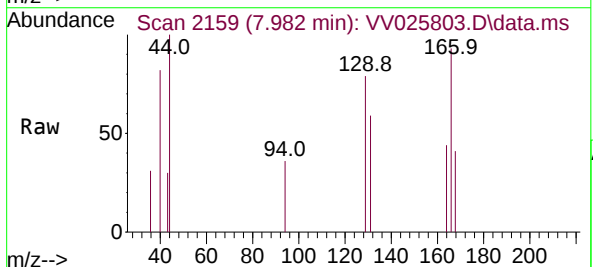
Acq: 03 May 2022 19:13

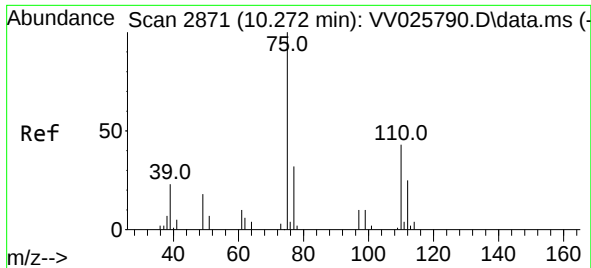
Tgt Ion: 129 Resp: 270

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#





#61

1,2,3-Trichloropropane

Concen: 1.553 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

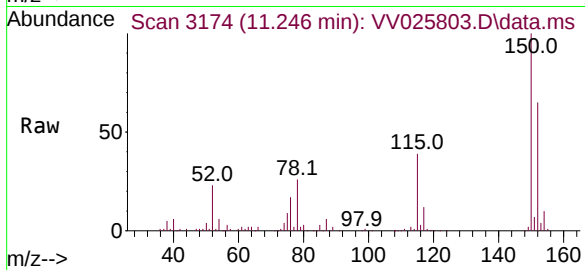
Lab File: VV025803.D

Acq: 03 May 2022 19:13

Instrument :

MSVOA\_V

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 9120  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 34.3  | 25.6  | 38.4  |
| 110      | 4.1   | 34.7  | 52.1# |

