

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081222\  
 Data File : VV027332.D  
 Acq On : 12 Aug 2022 15:09  
 Operator : SY/MD  
 Sample : N4145-02  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 13 01:38:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Aug 12 08:00:46 2022  
 Response via : Initial Calibration

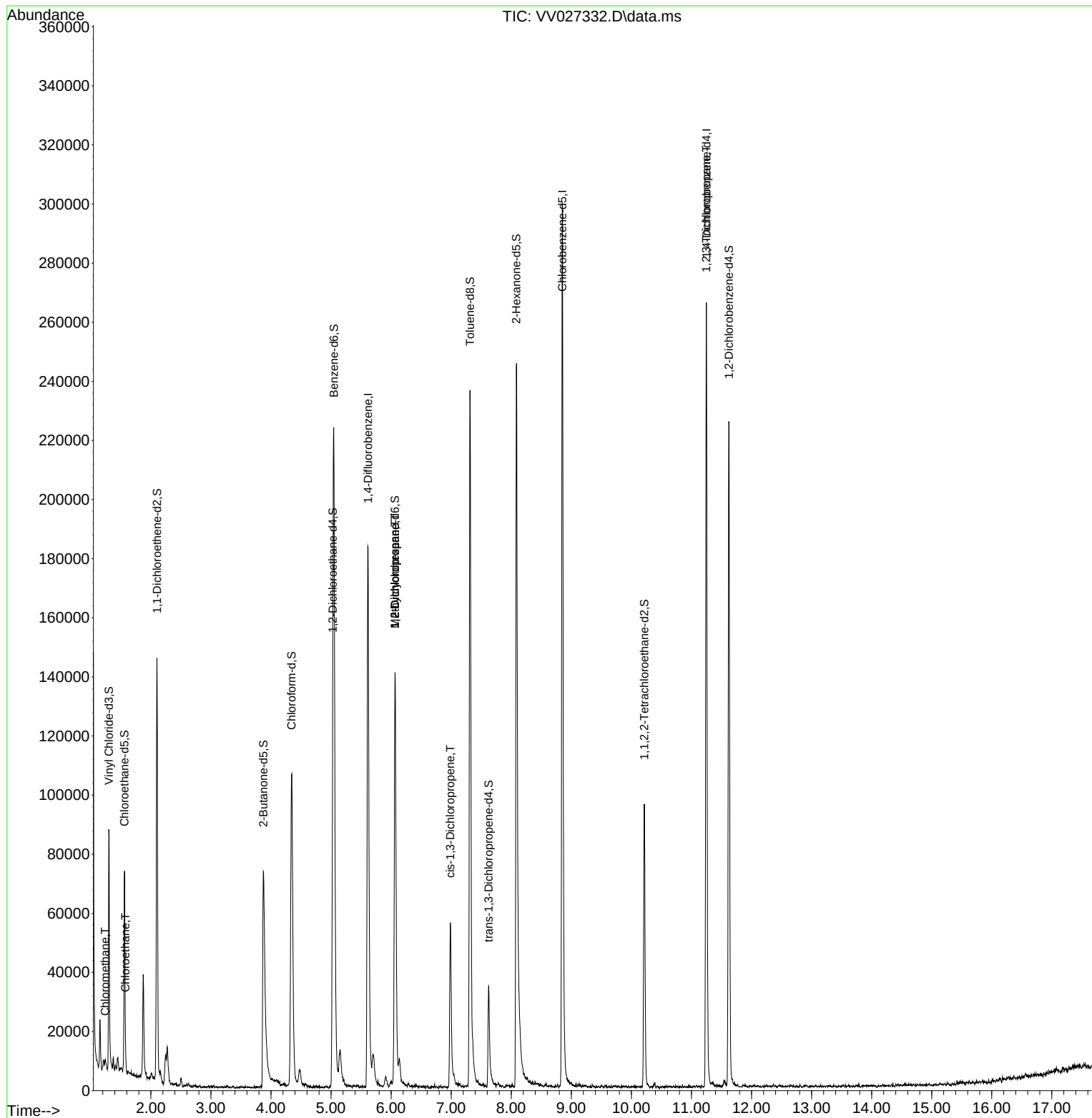
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114            | 152037   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 168994   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 67645    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65             | 58634    | 4.439  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 88.800%  |          |
| 7) Chloroethane-d5            | 1.561  | 69             | 43811    | 4.567  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 91.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63             | 74411    | 3.106  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 62.200%  |          |
| 20) 2-Butanone-d5             | 3.873  | 46             | 117714   | 52.621 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 105.240% |          |
| 24) Chloroform-d              | 4.342  | 84             | 110915   | 4.579  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65             | 52380    | 4.539  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 90.800%  |          |
| 32) Benzene-d6                | 5.047  | 84             | 197673   | 3.965  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 79.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67             | 65196    | 4.230  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 84.600%  |          |
| 41) Toluene-d8                | 7.313  | 98             | 163578   | 3.584  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 71.600%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 21428    | 4.013  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 80.200%  |          |
| 46) 2-Hexanone-d5             | 8.085  | 63             | 80994    | 39.199 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 78.400%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 46100    | 4.134  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 82.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 57442    | 4.920  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 98.400%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 3) Chloromethane              | 1.236  | 50             | 2739     | 0.152  | ug/L     | 100      |
| 8) Chloroethane               | 1.577  | 64             | 1716     | 0.183  | ug/L     | 88       |
| 35) Methylcyclohexane         | 6.066  | 83             | 16488    | 0.833  | ug/L #   | 17       |
| 37) 1,2-Dichloropropane       | 6.066  | 63             | 7502     | 0.525  | ug/L #   | 86       |
| 39) cis-1,3-Dichloropropene   | 6.985  | 75             | 1676     | 0.096  | ug/L #   | 43       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75             | 8433     | 1.294  | ug/L #   | 66       |

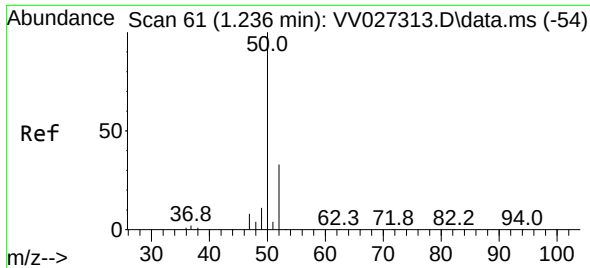
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Aug 12 08:00:46 2022  
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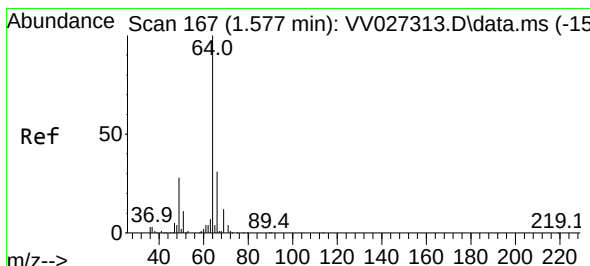
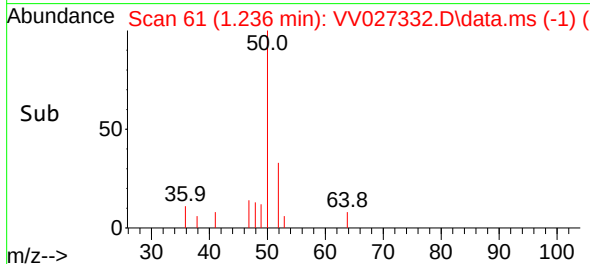
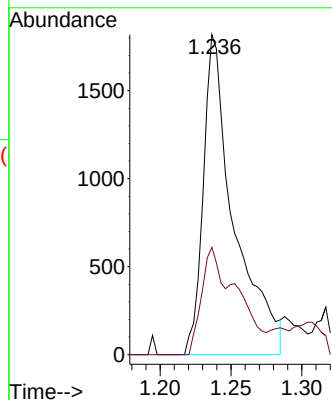
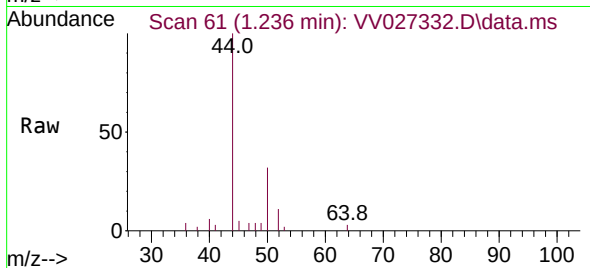




#3  
Chloromethane  
Concen: 0.152 ug/L  
RT: 1.236 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VV027332.D  
Acq: 12 Aug 2022 15:09

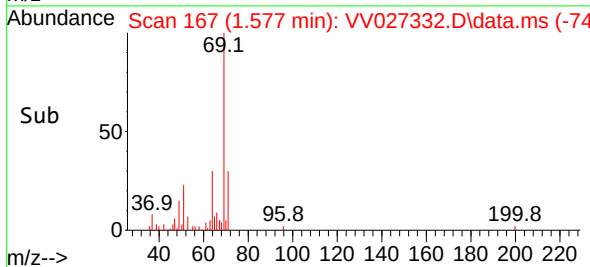
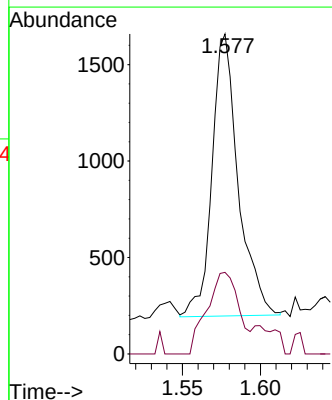
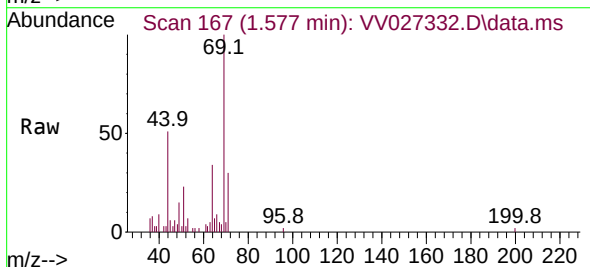
Instrument :  
MSVOA\_V  
ClientSampleId :

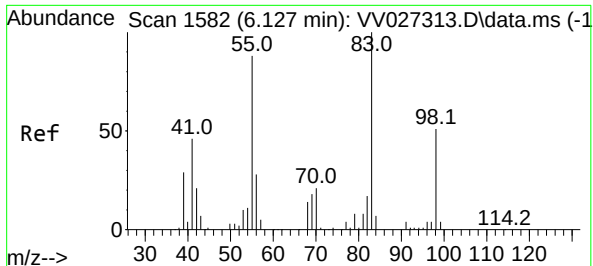
Tgt Ion: 50 Resp: 2739  
Ion Ratio Lower Upper  
50 100  
52 33.5 23.4 43.4



#8  
Chloroethane  
Concen: 0.183 ug/L  
RT: 1.577 min Scan# 167  
Delta R.T. 0.000 min  
Lab File: VV027332.D  
Acq: 12 Aug 2022 15:09

Tgt Ion: 64 Resp: 1716  
Ion Ratio Lower Upper  
64 100  
66 25.5 22.3 41.5





#35

Methylcyclohexane

Concen: 0.833 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV027332.D

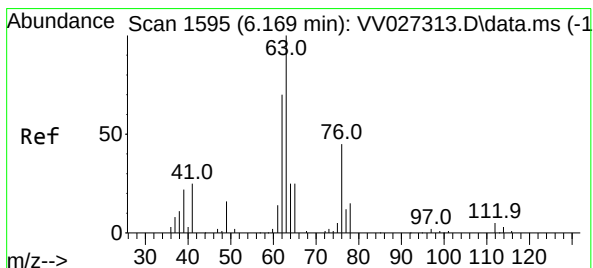
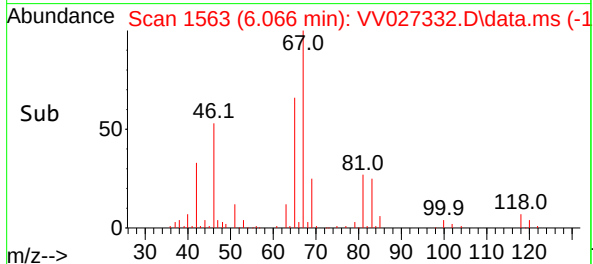
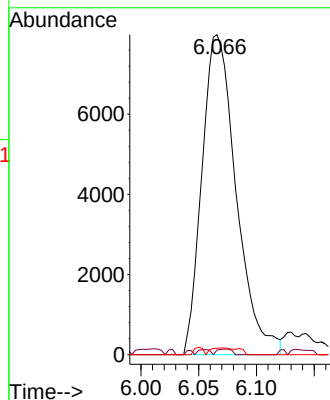
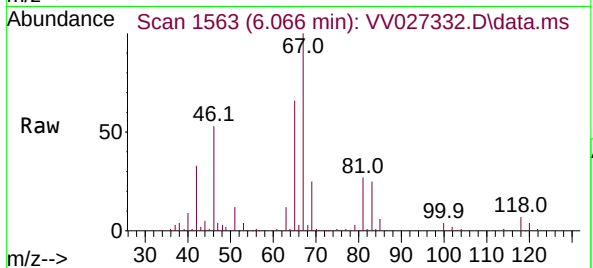
Acq: 12 Aug 2022 15:09

Instrument :

MSVOA\_V

ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 16488  |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 0.7   | 67.0  | 100.6# |
| 98        | 1.7   | 38.7  | 58.1#  |



#37

1,2-Dichloropropane

Concen: 0.525 ug/L

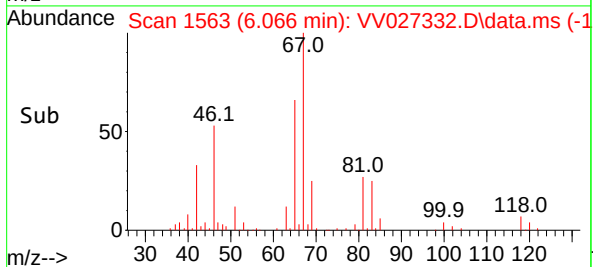
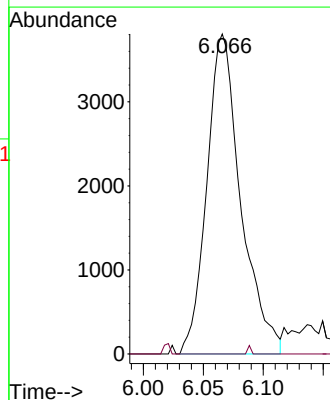
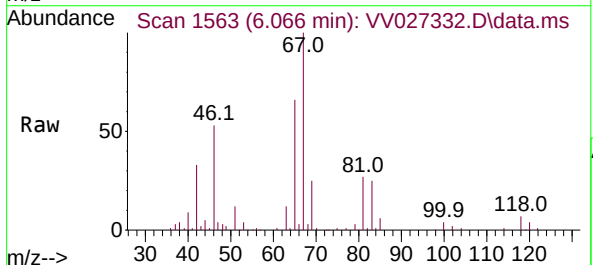
RT: 6.066 min Scan# 1563

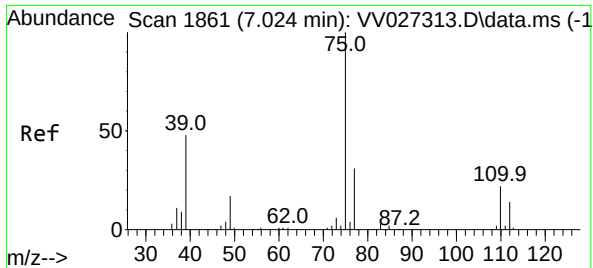
Delta R.T. -0.103 min

Lab File: VV027332.D

Acq: 12 Aug 2022 15:09

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 63    | Resp: | 7502 |
| Ion Ratio | Lower | Upper |      |
| 63        | 100   |       |      |
| 112       | 0.3   | 4.0   | 6.0# |





#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV027332.D

Acq: 12 Aug 2022 15:09

Instrument :

MSVOA\_V

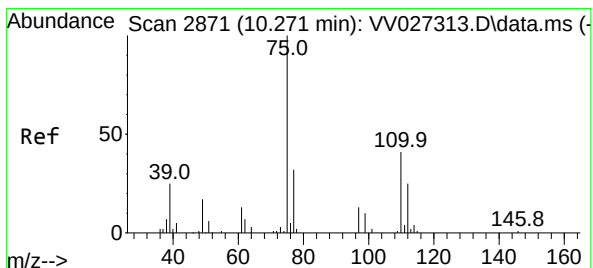
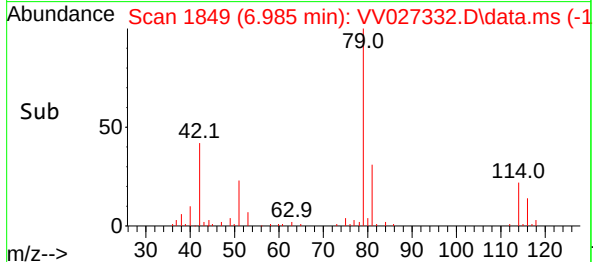
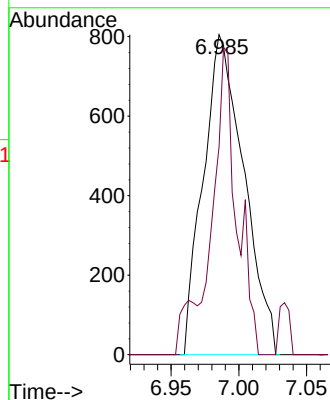
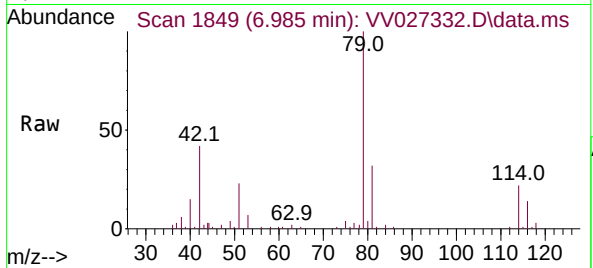
ClientSampleId :

Tgt Ion: 75 Resp: 1676

Ion Ratio Lower Upper

75 100

77 65.1 23.2 43.0#



#61

1,2,3-Trichloropropane

Concen: 1.294 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027332.D

Acq: 12 Aug 2022 15:09

Tgt Ion: 75 Resp: 8433

Ion Ratio Lower Upper

75 100

77 34.3 26.6 39.8

110 1.6 31.0 46.6#

