

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW041922\  
 Data File : VW025632.D  
 Acq On : 19 Apr 2022 16:24  
 Operator : SY/MD  
 Sample : N2384-07DL 5X  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW6P8DL

Quant Time: Apr 20 02:52:45 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Apr 20 02:46:45 2022  
 Response via : Initial Calibration

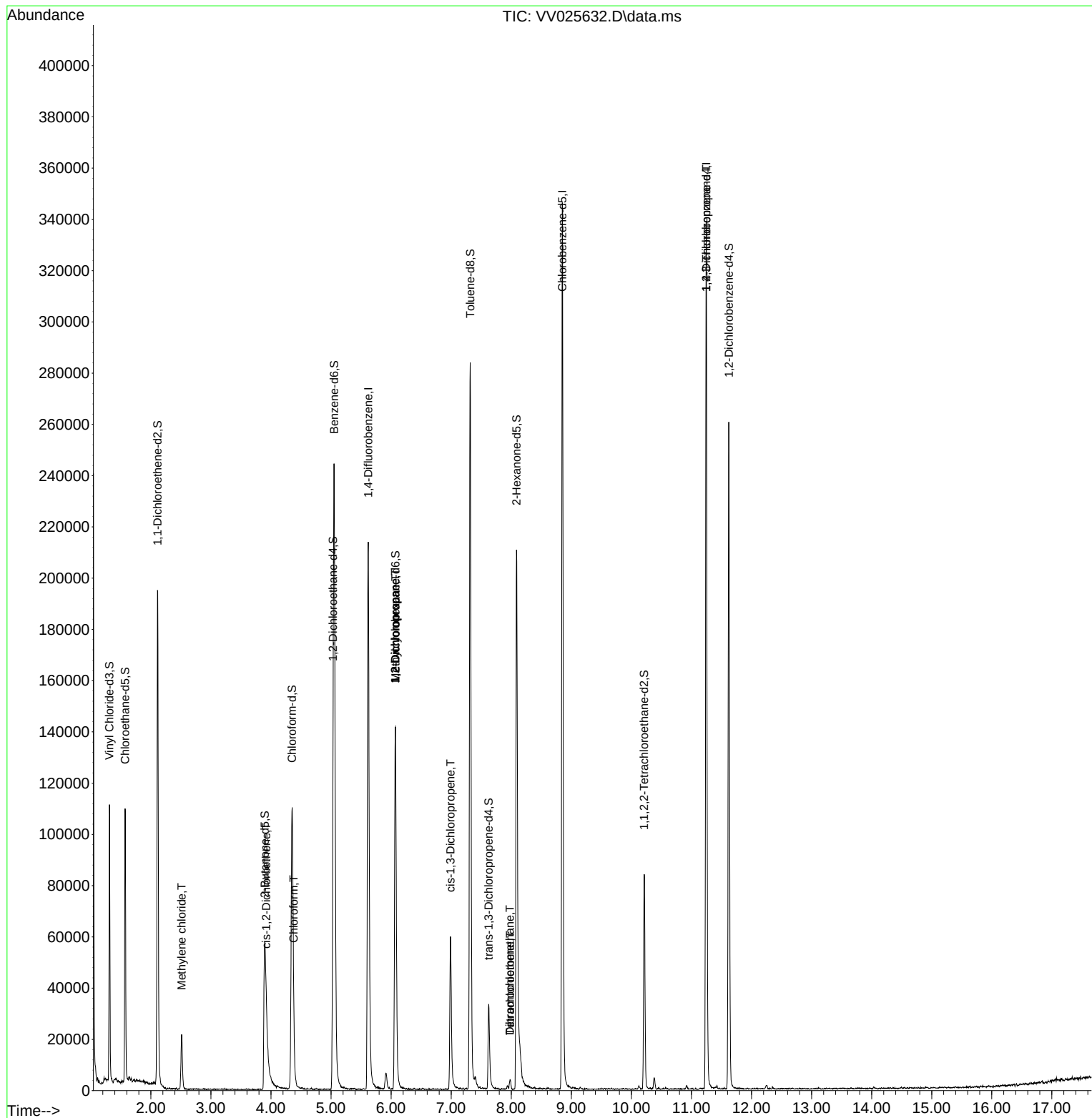
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 187271   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 191290   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152            | 85934    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.310  | 65             | 67726    | 3.890  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 77.800%  |          |
| 7) Chloroethane-d5            | 1.571  | 69             | 67492    | 3.644  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 72.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63             | 104335   | 2.991  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 59.800%# |          |
| 20) 2-Butanone-d5             | 3.895  | 46             | 99073    | 46.780 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 93.560%  |          |
| 24) Chloroform-d              | 4.352  | 84             | 114883   | 4.367  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 87.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 54404    | 4.799  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 96.000%  |          |
| 32) Benzene-d6                | 5.053  | 84             | 224174   | 4.050  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 81.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67             | 69128    | 4.478  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 89.600%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 188379   | 3.668  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 73.400%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 20020    | 3.859  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 77.200%  |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 71522    | 39.279 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 78.560%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84             | 39966    | 4.098  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 82.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 65240    | 4.528  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 90.600%  |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 16) Methylene chloride        | 2.513  | 84             | 9269     | 0.589  | ug/L     | 98       |
| 22) cis-1,2-Dichloroethene    | 3.921  | 96             | 1620     | 0.113  | ug/L     | 98       |
| 25) Chloroform                | 4.378  | 83             | 2719     | 0.112  | ug/L     | 98       |
| 35) Methylcyclohexane         | 6.072  | 83             | 16268    | 0.680  | ug/L #   | 22       |
| 37) 1,2-Dichloropropane       | 6.069  | 63             | 7450     | 0.570  | ug/L #   | 85       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75             | 1585     | 0.093  | ug/L #   | 71       |
| 47) Tetrachloroethene         | 7.982  | 164            | 889      | 0.076  | ug/L     | 91       |
| 49) Dibromochloromethane      | 7.979  | 129            | 947      | 0.099  | ug/L #   | 11       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75             | 10888    | 1.924  | ug/L #   | 64       |
| -----                         |        |                |          |        |          |          |

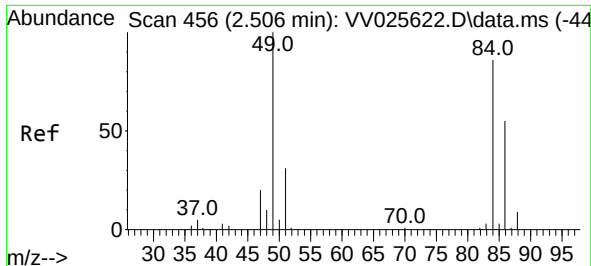
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Apr 20 02:46:45 2022  
Response via : Initial Calibration

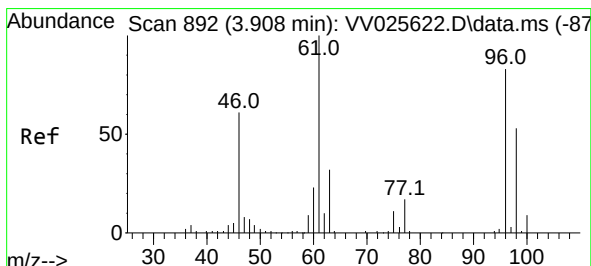
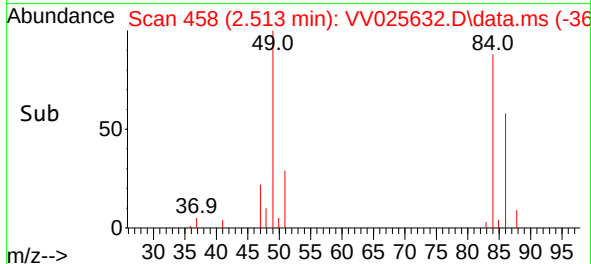
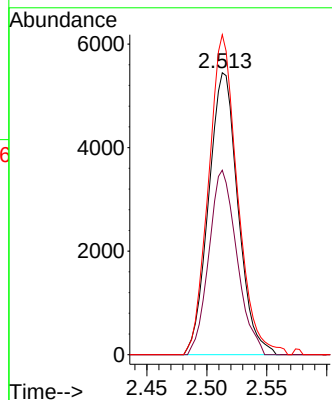
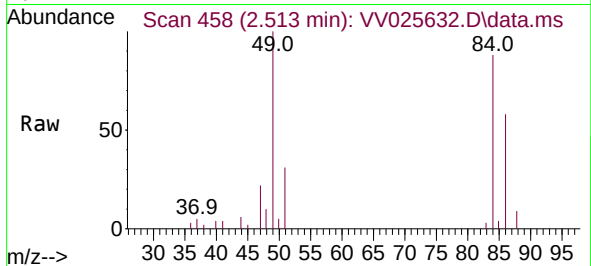




#16  
Methylene chloride  
Concen: 0.589 ug/L  
RT: 2.513 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VV025632.D  
Acq: 19 Apr 2022 16:24

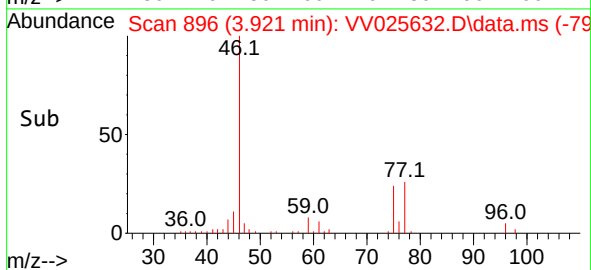
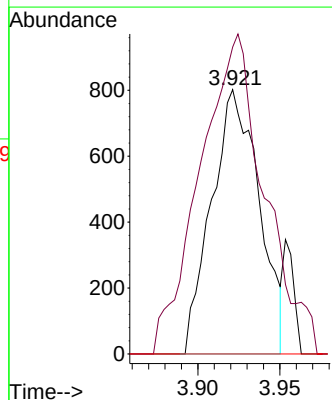
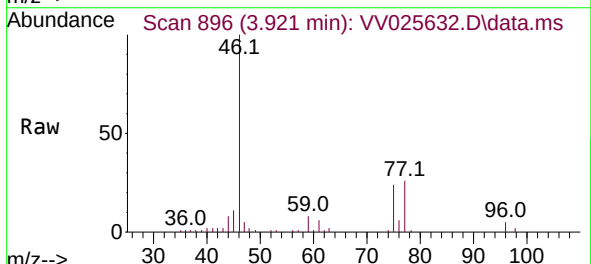
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6P8DL

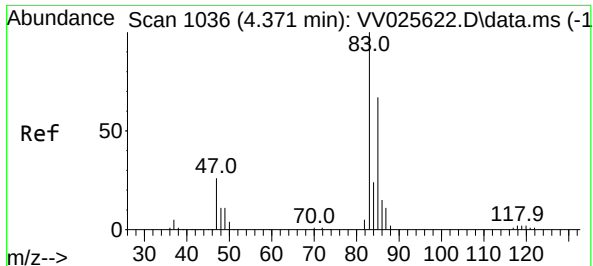
Tgt Ion: 84 Resp: 9269  
Ion Ratio Lower Upper  
84 100  
86 65.4 45.9 85.3  
49 113.5 76.6 142.3



#22  
cis-1,2-Dichloroethene  
Concen: 0.113 ug/L  
RT: 3.921 min Scan# 896  
Delta R.T. 0.013 min  
Lab File: VV025632.D  
Acq: 19 Apr 2022 16:24

Tgt Ion: 96 Resp: 1620  
Ion Ratio Lower Upper  
96 100  
61 116.1 80.0 148.6  
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.112 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025632.D

Acq: 19 Apr 2022 16:24

Instrument :

MSVOA\_V

ClientSampleId :

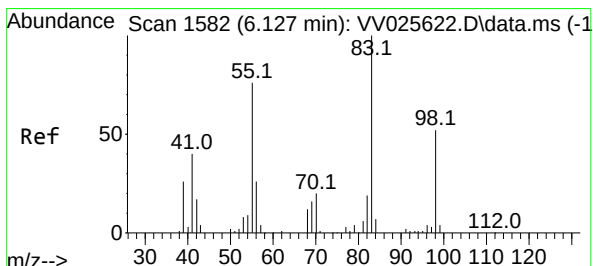
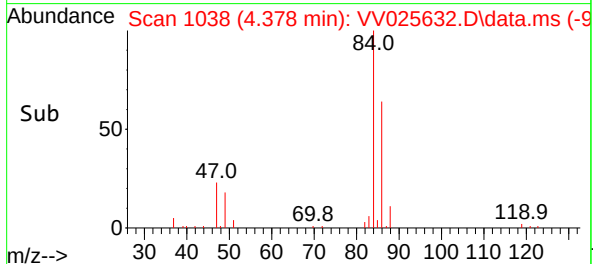
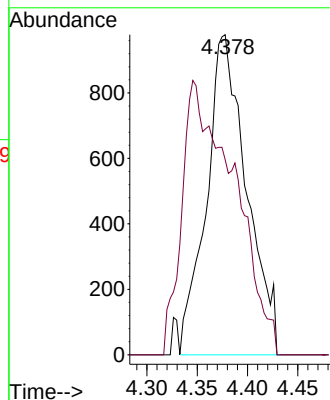
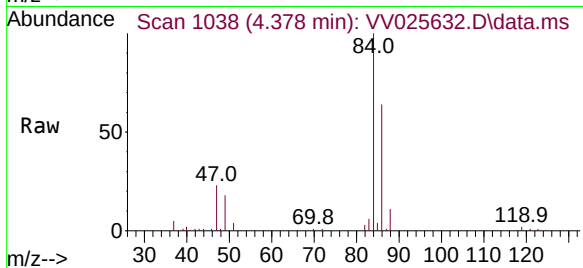
EW6P8DL

Tgt Ion: 83 Resp: 2719

Ion Ratio Lower Upper

83 100

85 60.9 43.5 80.7



#35

Methylcyclohexane

Concen: 0.680 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025632.D

Acq: 19 Apr 2022 16:24

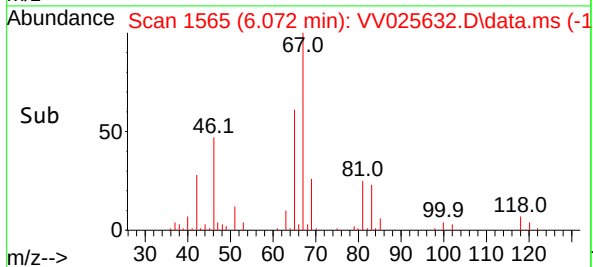
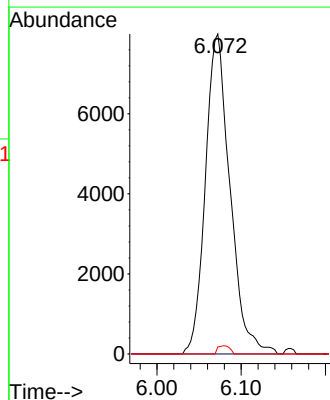
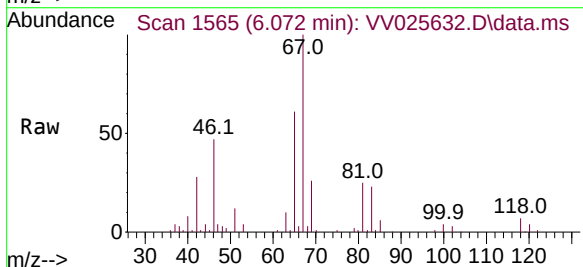
Tgt Ion: 83 Resp: 16268

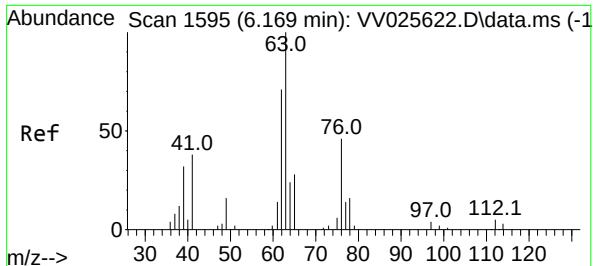
Ion Ratio Lower Upper

83 100

55 0.0 53.7 80.5#

98 1.2 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.570 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV025632.D

Acq: 19 Apr 2022 16:24

Instrument :

MSVOA\_V

ClientSampleId :

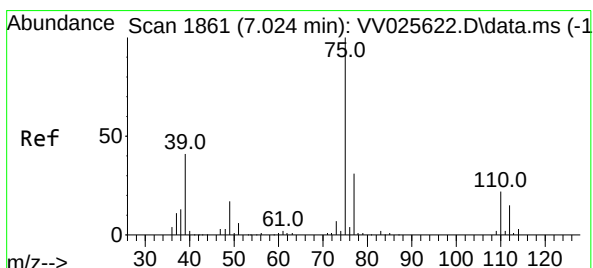
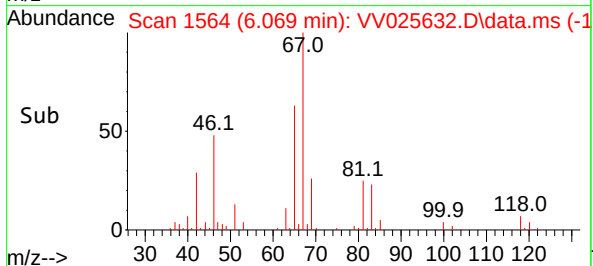
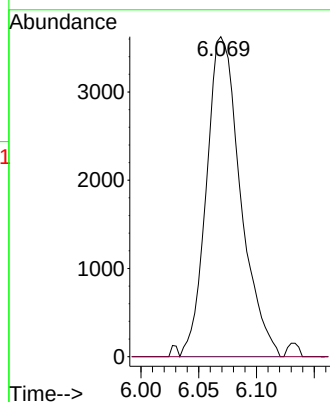
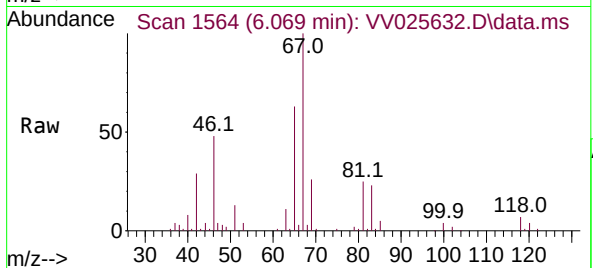
EW6P8DL

Tgt Ion: 63 Resp: 7450

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV025632.D

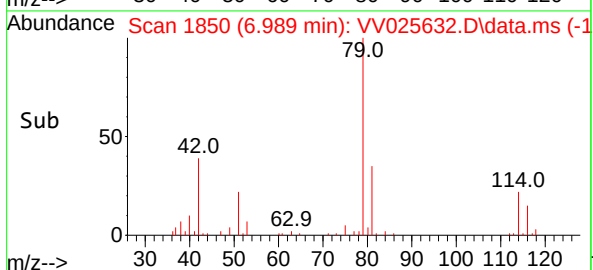
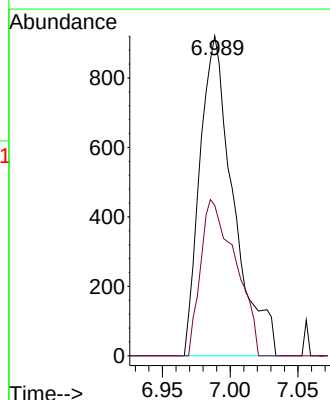
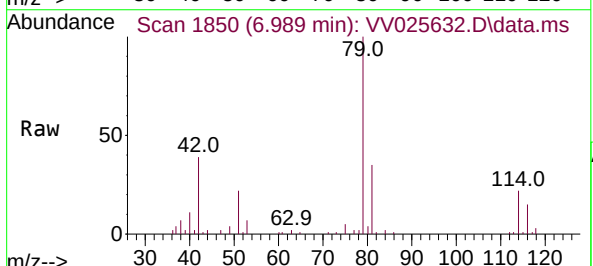
Acq: 19 Apr 2022 16:24

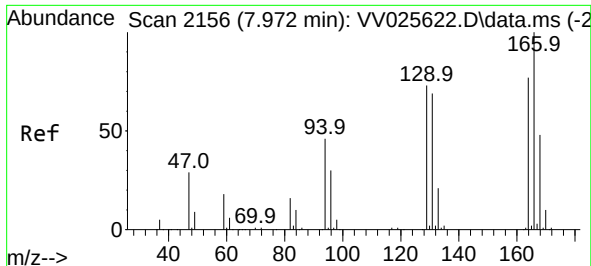
Tgt Ion: 75 Resp: 1585

Ion Ratio Lower Upper

75 100

77 47.0 21.8 40.6#





#47

Tetrachloroethene

Concen: 0.076 ug/L

RT: 7.982 min Scan# 2158

Delta R.T. 0.010 min

Lab File: VV025632.D

Acq: 19 Apr 2022 16:24

Instrument :

MSVOA\_V

ClientSampleId :

EW6P8DL

Tgt Ion:164 Resp: 889

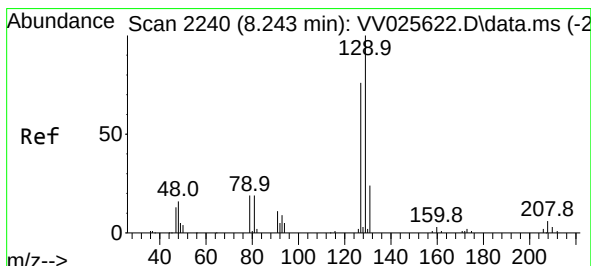
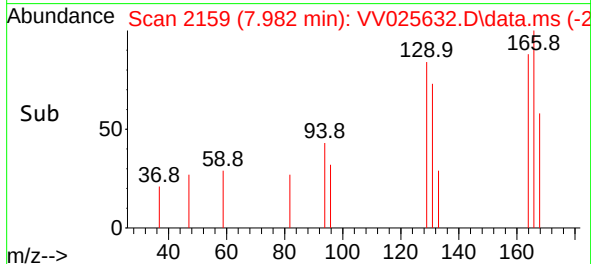
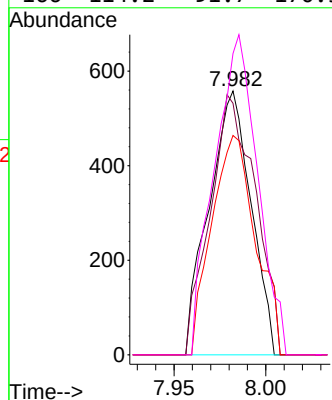
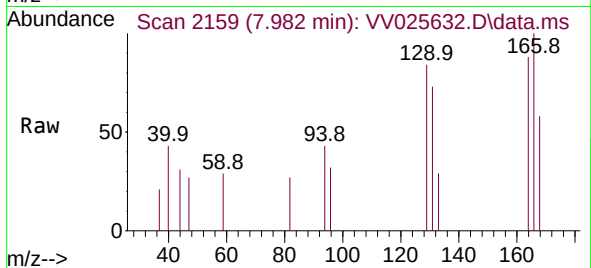
Ion Ratio Lower Upper

164 100

129 95.3 66.8 124.2

131 83.2 66.4 123.4

166 114.2 91.7 170.3



#49

Dibromochloromethane

Concen: 0.099 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV025632.D

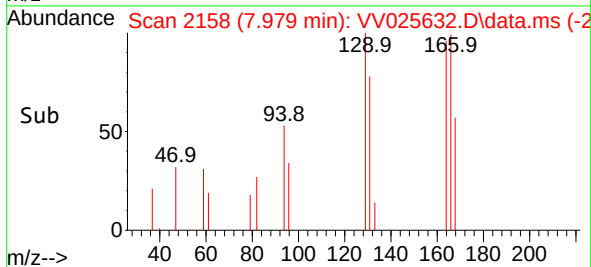
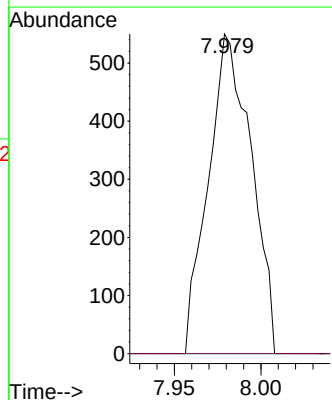
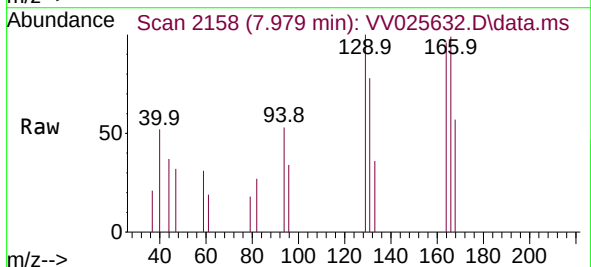
Acq: 19 Apr 2022 16:24

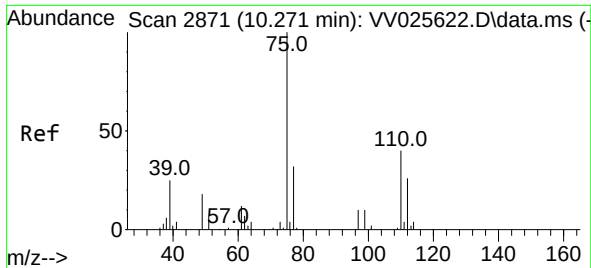
Tgt Ion:129 Resp: 947

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#





#61

1,2,3-Trichloropropane

Concen: 1.924 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV025632.D

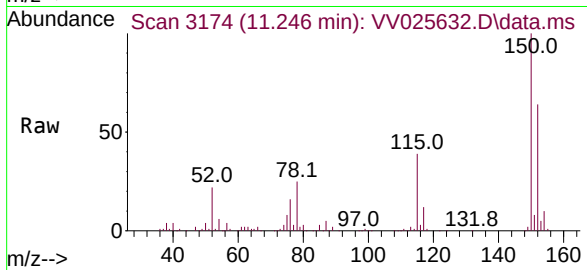
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Tgt Ion: 75 Resp: 10888

Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

110 3.6 34.7 52.1#

