

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW032822\  
 Data File : VW025262.D  
 Acq On : 28 Mar 2022 15:35  
 Operator : SY/MD  
 Sample : N2110-09DL 100X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 29 03:29:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR032622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Mar 29 03:26:38 2022  
 Response via : Initial Calibration

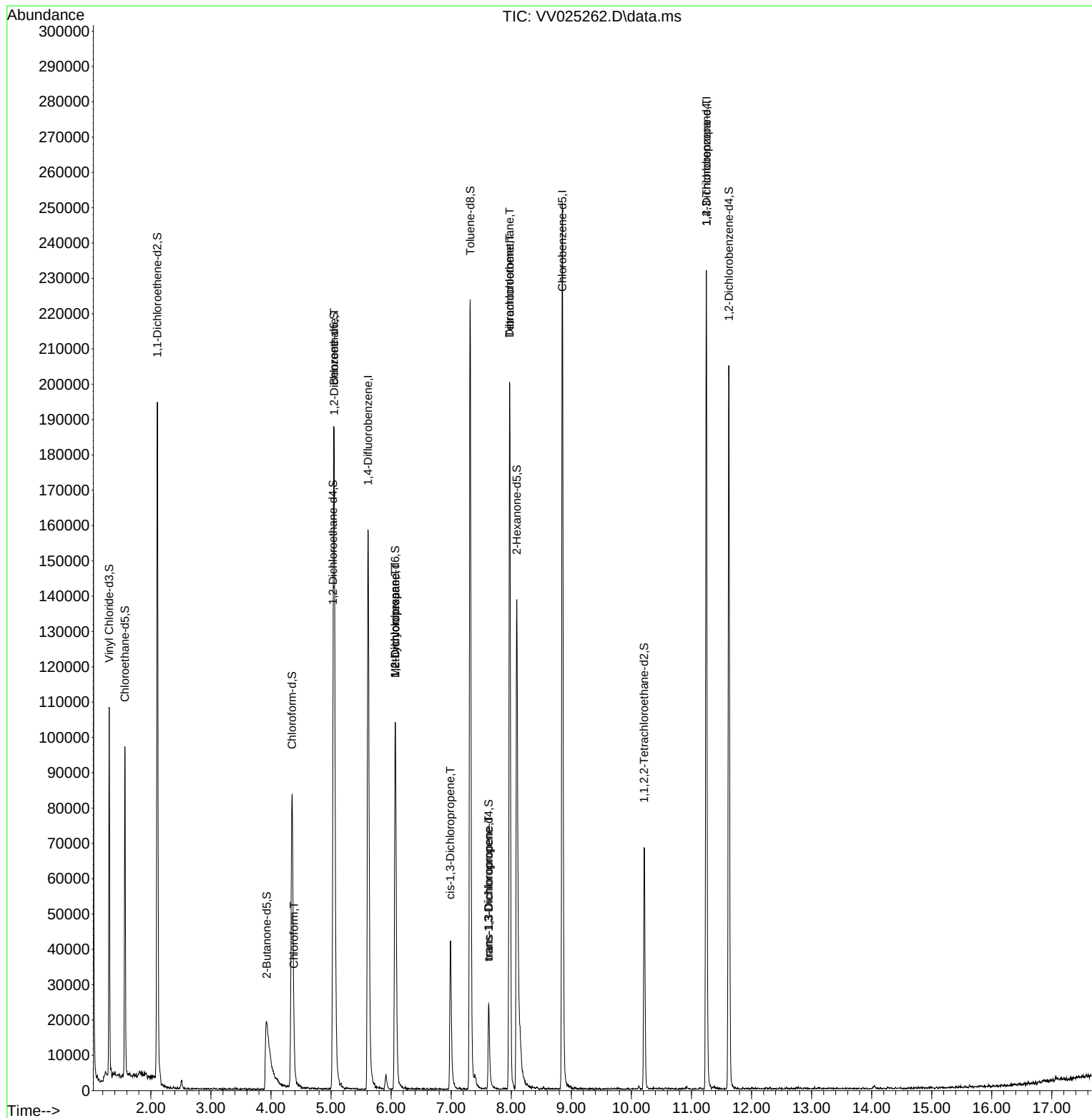
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114            | 143947   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 143300   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 57686    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 62713    | 4.664  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 93.200%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 58027    | 5.142  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 102.800% |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 100522   | 3.451  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 69.000%  |          |
| 20) 2-Butanone-d5             | 3.931  | 46             | 61516    | 45.929 | ug/L     | 0.02     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 91.860%  |          |
| 24) Chloroform-d              | 4.352  | 84             | 87823    | 5.005  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 100.000% |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 41568    | 5.359  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 107.200% |          |
| 32) Benzene-d6                | 5.050  | 84             | 177192   | 4.888  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 97.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 50500    | 4.970  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 99.400%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 153425   | 4.614  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 92.200%  |          |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79             | 14823    | 4.472  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 89.400%  |          |
| 46) 2-Hexanone-d5             | 8.091  | 63             | 56366    | 47.086 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 94.180%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84             | 32907    | 4.857  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 97.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 51206    | 5.527  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 110.600% |          |
| Target Compounds              |        |                |          |        |          |          |
| 25) Chloroform                | 4.381  | 83             | 2547     | 0.132  | ug/L     | 87       |
| 27) 1,2-Dichloroethane        | 5.053  | 62             | 983      | 0.099  | ug/L #   | 73       |
| 35) Methylcyclohexane         | 6.069  | 83             | 12798    | 0.708  | ug/L #   | 21       |
| 37) 1,2-Dichloropropane       | 6.069  | 63             | 5876     | 0.603  | ug/L #   | 86       |
| 39) cis-1,3-Dichloropropene   | 6.985  | 75             | 1281     | 0.101  | ug/L     | 85       |
| 44) trans-1,3-Dichloropropene | 7.625  | 75             | 744      | 0.075  | ug/L #   | 67       |
| 47) Tetrachloroethene         | 7.973  | 164            | 43267    | 5.084  | ug/L     | 95       |
| 49) Dibromochloromethane      | 7.973  | 129            | 41756    | 5.812  | ug/L #   | 11       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75             | 7041     | 1.613  | ug/L #   | 64       |

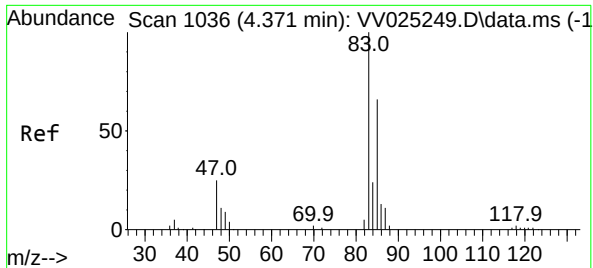
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 29 03:26:38 2022  
Response via : Initial Calibration





#25

Chloroform

Concen: 0.132 ug/L

RT: 4.381 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV025262.D

Acq: 28 Mar 2022 15:35

Instrument :

MSVOA\_V

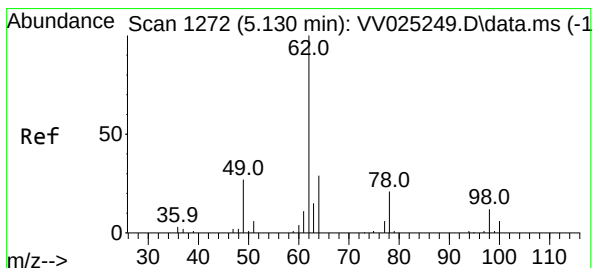
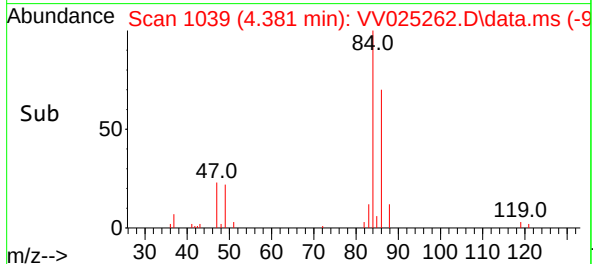
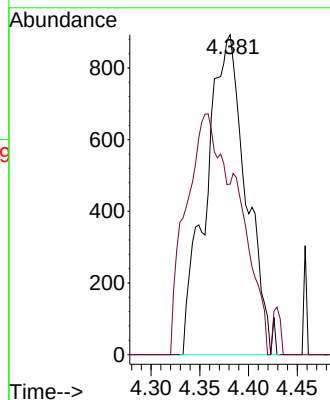
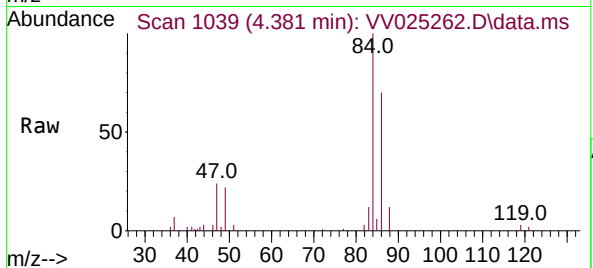
ClientSampleId :

Tgt Ion: 83 Resp: 2547

Ion Ratio Lower Upper

83 100

85 53.3 44.7 82.9



#27

1,2-Dichloroethane

Concen: 0.099 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.077 min

Lab File: VV025262.D

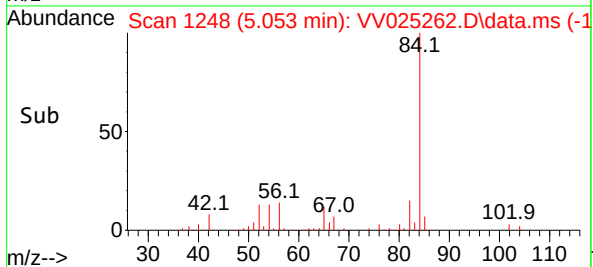
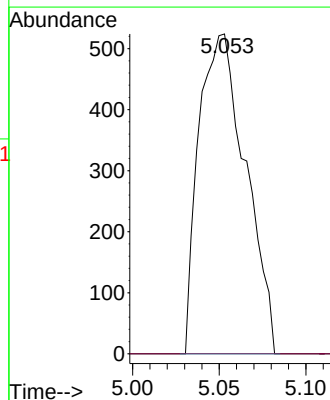
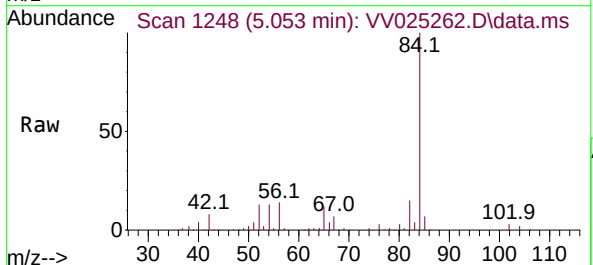
Acq: 28 Mar 2022 15:35

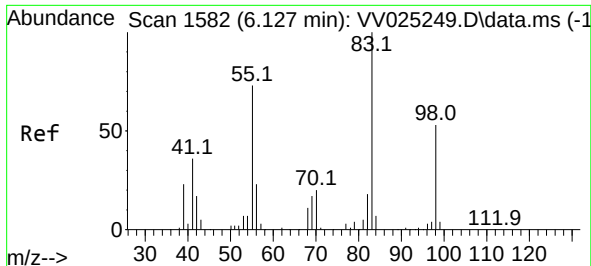
Tgt Ion: 62 Resp: 983

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#

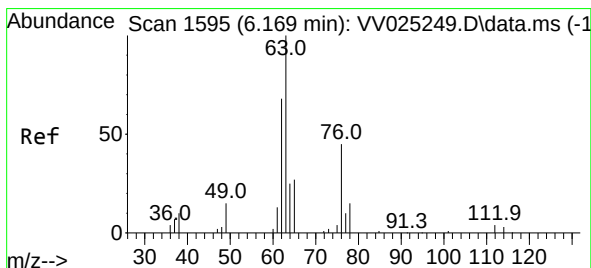
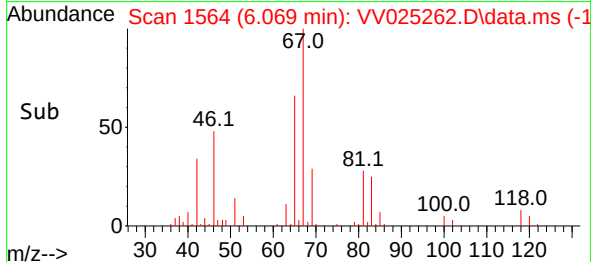
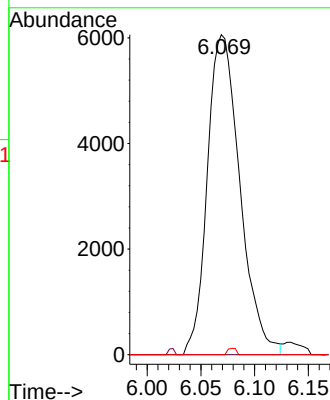
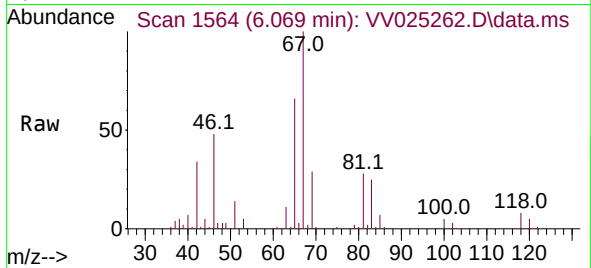




#35  
Methylcyclohexane  
Concen: 0.708 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.058 min  
Lab File: VV025262.D  
Acq: 28 Mar 2022 15:35

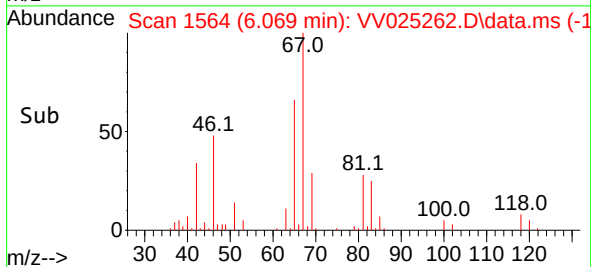
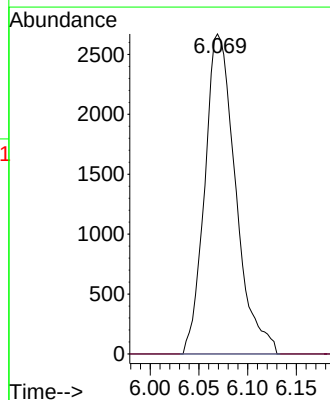
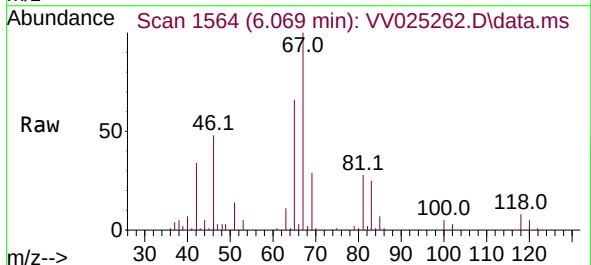
Instrument :  
MSVOA\_V  
ClientSampleId :

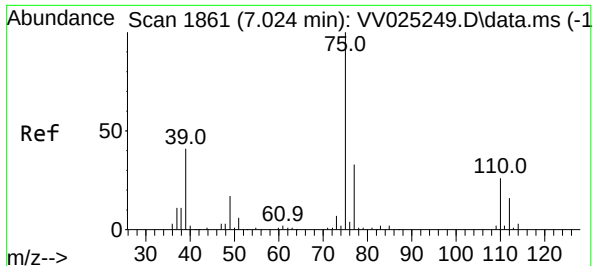
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 0.3   | 54.6  | 81.8# |
| 98      | 0.5   | 39.8  | 59.6# |



#37  
1,2-Dichloropropane  
Concen: 0.603 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.100 min  
Lab File: VV025262.D  
Acq: 28 Mar 2022 15:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 112     | 0.4   | 4.2   | 6.2#  |





#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV025262.D

Acq: 28 Mar 2022 15:35

Instrument :

MSVOA\_V

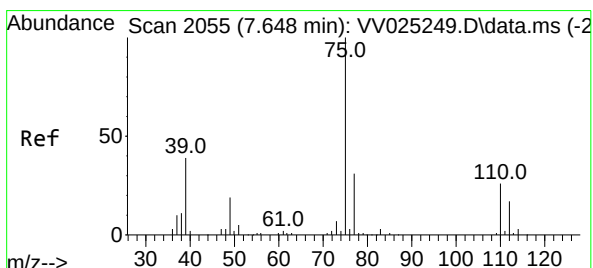
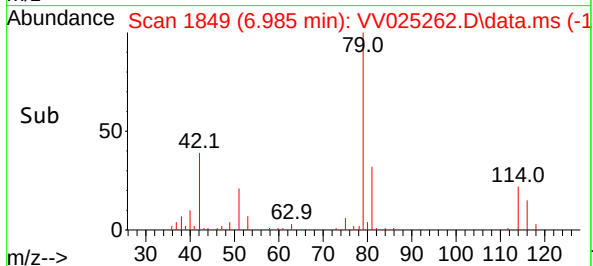
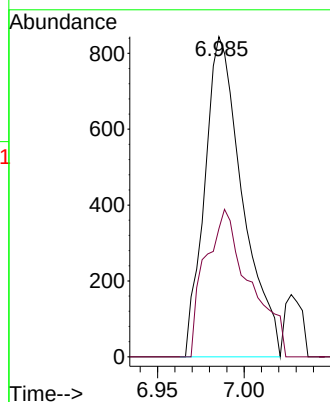
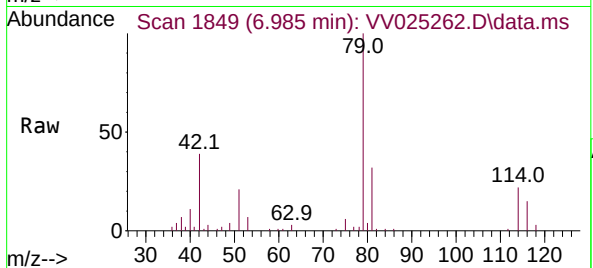
ClientSampleId :

Tgt Ion: 75 Resp: 1281

Ion Ratio Lower Upper

75 100

77 40.0 22.1 41.1



#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.023 min

Lab File: VV025262.D

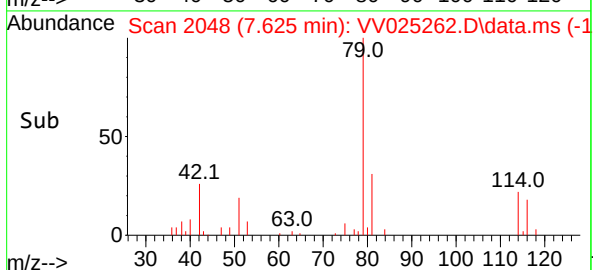
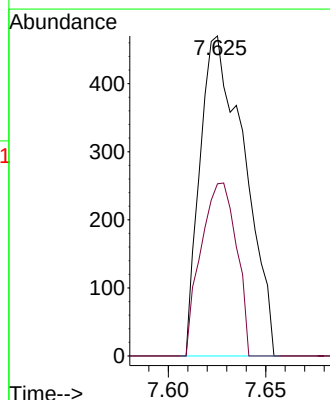
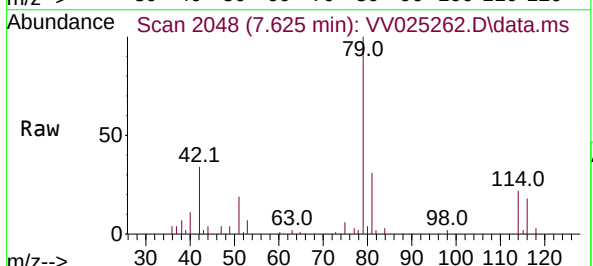
Acq: 28 Mar 2022 15:35

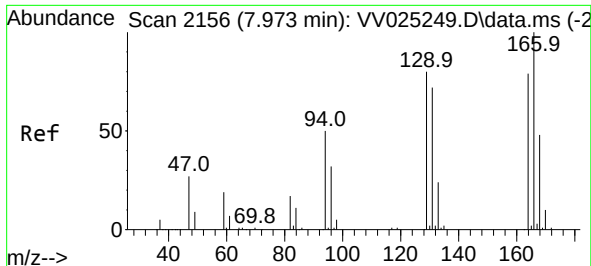
Tgt Ion: 75 Resp: 744

Ion Ratio Lower Upper

75 100

77 53.8 24.2 45.0#





#47

Tetrachloroethene

Concen: 5.084 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV025262.D

Acq: 28 Mar 2022 15:35

Instrument :

MSVOA\_V

ClientSampleId :

Tgt Ion:164 Resp: 43267

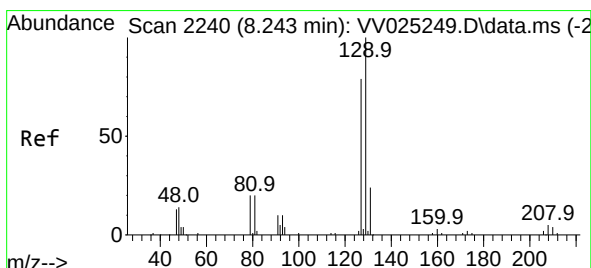
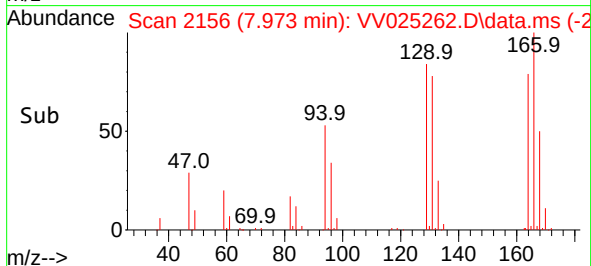
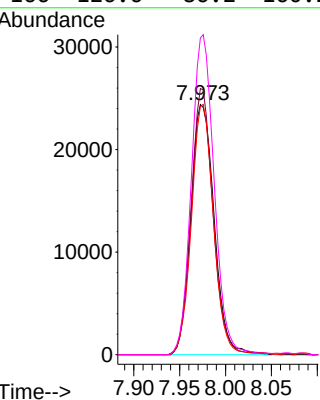
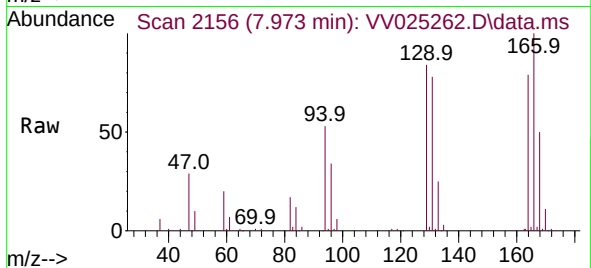
Ion Ratio Lower Upper

164 100

129 106.4 67.5 125.4

131 99.3 68.0 126.4

166 126.6 86.2 160.2



#49

Dibromochloromethane

Concen: 5.812 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV025262.D

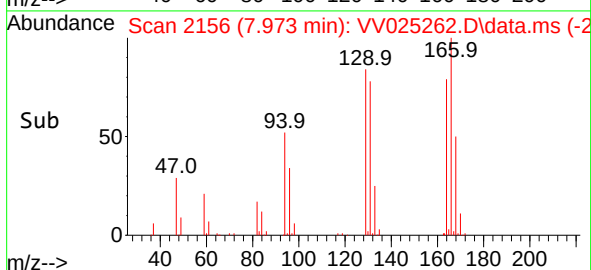
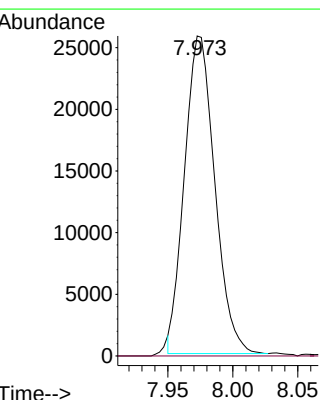
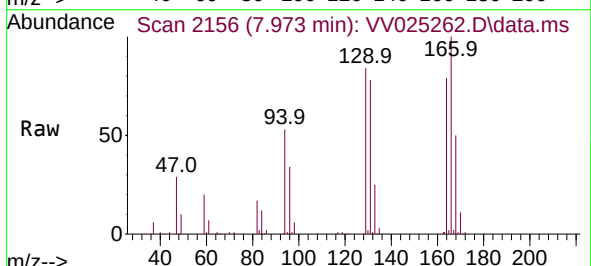
Acq: 28 Mar 2022 15:35

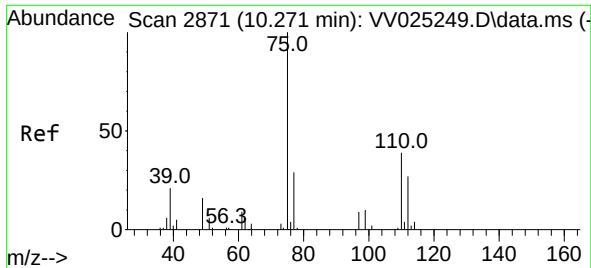
Tgt Ion:129 Resp: 41756

Ion Ratio Lower Upper

129 100

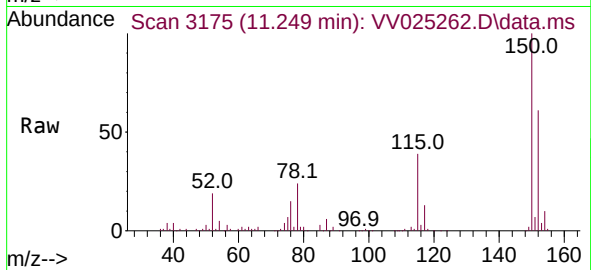
127 0.0 54.1 100.5#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.613 ug/L  
 RT: 11.249 min Scan# 31  
 Delta R.T. 0.977 min  
 Lab File: VV025262.D  
 Acq: 28 Mar 2022 15:35

Instrument :  
 MSVOA\_V  
 ClientSampleId :



|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 75 | Resp: | 7041        |
| Ion         | Ratio | Lower Upper |
| 75          | 100   |             |
| 77          | 35.8  | 25.8 38.6   |
| 110         | 2.5   | 31.6 47.4#  |

