

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW101121\  
 Data File : VW022724.D  
 Acq On : 11 Oct 2021 13:05  
 Operator : SY/MD  
 Sample : M4022-25  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 12 03:40:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Oct 12 03:20:38 2021  
 Response via : Initial Calibration

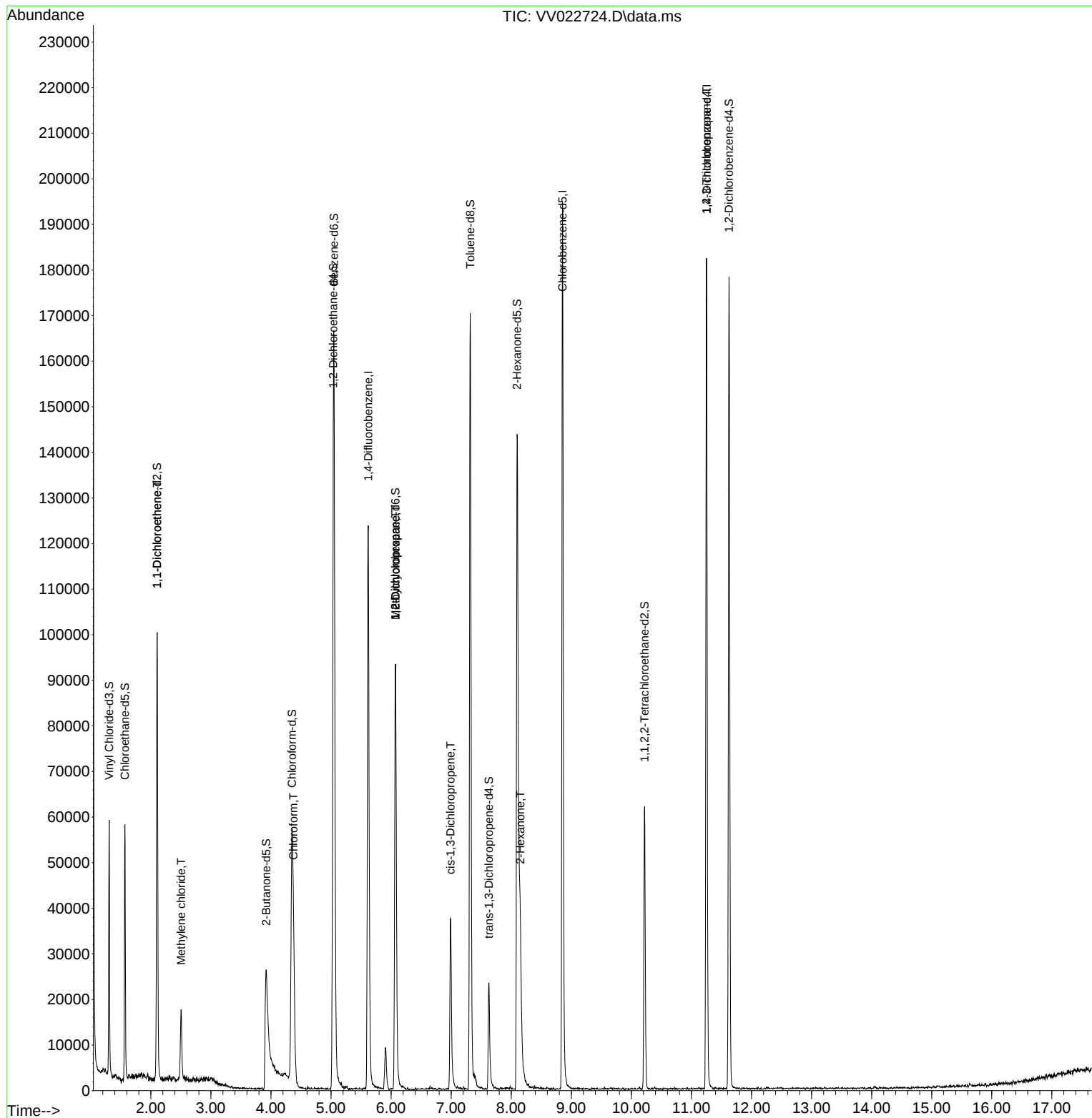
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 112114   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117   | 113313   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252 | 152   | 50947    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 34396    | 4.459    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 89.200%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 34458    | 4.971    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 99.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 50716    | 3.352    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 67.000%  |
| 20) 2-Butanone-d5             | 3.921  | 46    | 65806    | 32.536   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 65.080%  |
| 24) Chloroform-d              | 4.349  | 84    | 51784    | 3.258    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 65.200%# |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 36773    | 4.766    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 95.400%  |
| 32) Benzene-d6                | 5.047  | 84    | 142888   | 4.236    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 45710    | 4.576    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 91.600%  |
| 41) Toluene-d8                | 7.317  | 98    | 117694   | 4.036    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 80.800%  |
| 43) trans-1,3-Dichloroprop... | 7.628  | 79    | 14557    | 4.393    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 87.800%  |
| 46) 2-Hexanone-d5             | 8.098  | 63    | 59464    | 44.526   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 89.060%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220 | 84    | 30653    | 4.529    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 90.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 48291    | 5.112    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 102.200% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.105  | 96    | 569      | 0.084    | ug/L # | 1        |
| 16) Methylene chloride        | 2.503  | 84    | 5966     | 0.640    | ug/L   | 90       |
| 25) Chloroform                | 4.375  | 83    | 26359    | 1.714    | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.072  | 83    | 11468    | 0.986    | ug/L # | 26       |
| 37) 1,2-Dichloropropane       | 6.072  | 63    | 4863     | 0.663    | ug/L # | 84       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75    | 872      | 0.090    | ug/L # | 24       |
| 48) 2-Hexanone                | 8.149  | 43    | 10312    | 3.576    | ug/L # | 78       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75    | 5485     | 1.550    | ug/L # | 58       |
| -----                         |        |       |          |          |        |          |

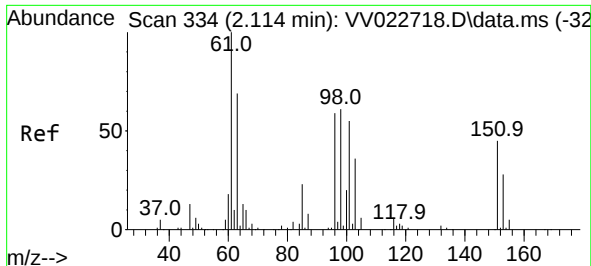
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

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MSVOA\_V  
ClientSampleId :

Quant Time: Oct 12 03:40:14 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Oct 12 03:20:38 2021  
Response via : Initial Calibration

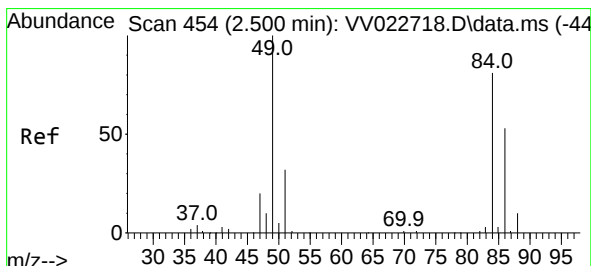
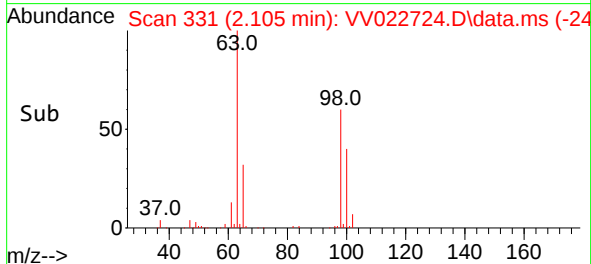
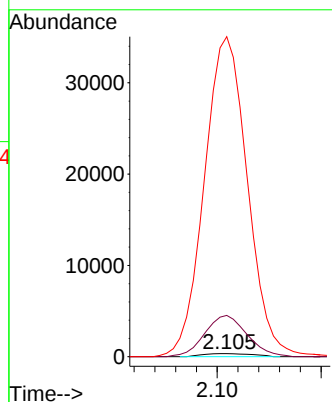
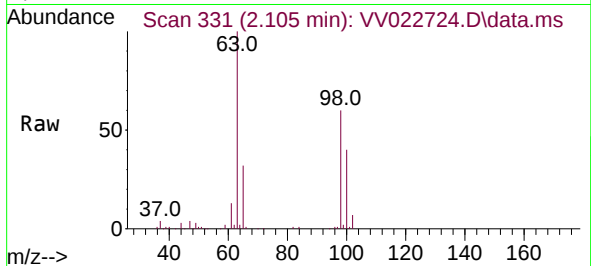




#12  
1,1-Dichloroethene  
Concen: 0.084 ug/L  
RT: 2.105 min Scan# 331  
Delta R.T. -0.010 min  
Lab File: VV022724.D  
Acq: 11 Oct 2021 13:05

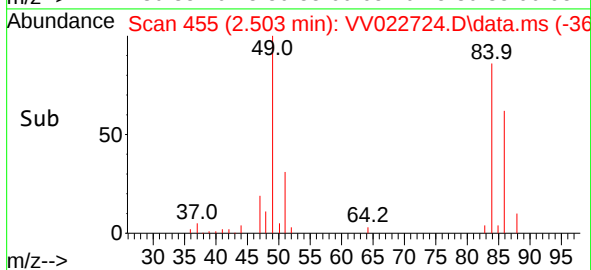
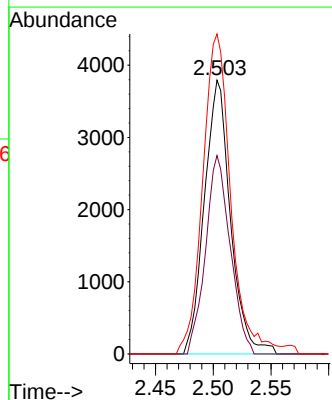
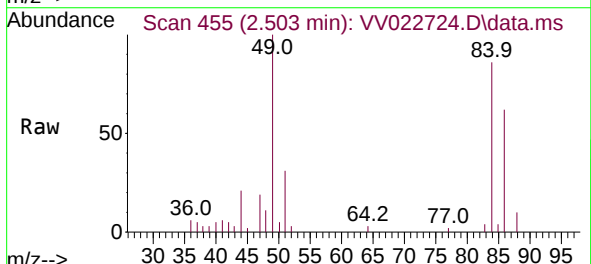
Instrument :  
MSVOA\_V  
ClientSampled :

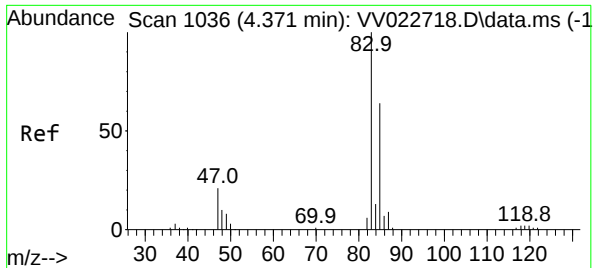
Tgt Ion: 96 Resp: 569  
Ion Ratio Lower Upper  
96 100  
61 1316.0 127.3 236.5#  
63 10220.4 106.2 197.2#



#16  
Methylene chloride  
Concen: 0.640 ug/L  
RT: 2.503 min Scan# 455  
Delta R.T. 0.003 min  
Lab File: VV022724.D  
Acq: 11 Oct 2021 13:05

Tgt Ion: 84 Resp: 5966  
Ion Ratio Lower Upper  
84 100  
86 72.5 45.8 85.2  
49 116.9 90.3 167.7

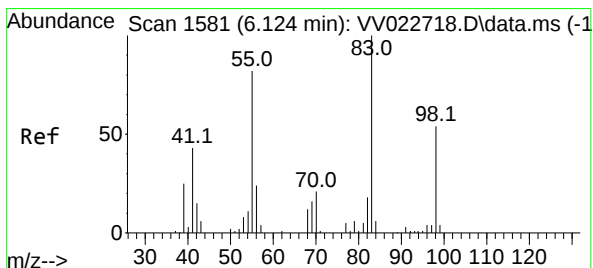
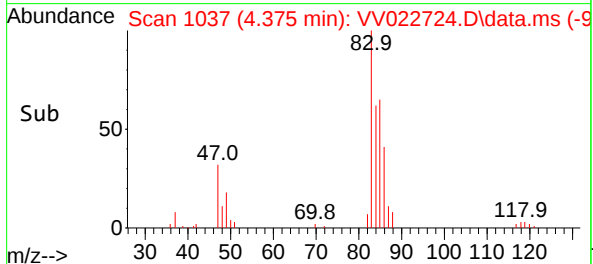
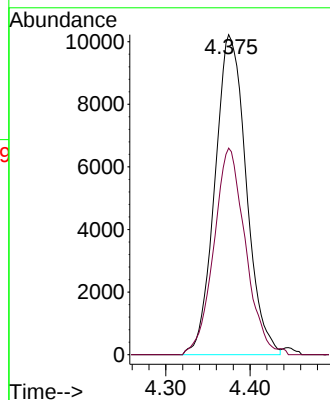
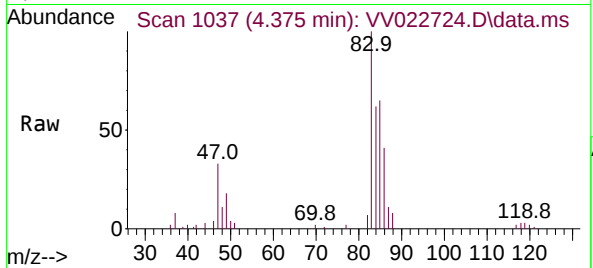




#25  
Chloroform  
Concen: 1.714 ug/L  
RT: 4.375 min Scan# 1037  
Delta R.T. 0.003 min  
Lab File: VV022724.D  
Acq: 11 Oct 2021 13:05

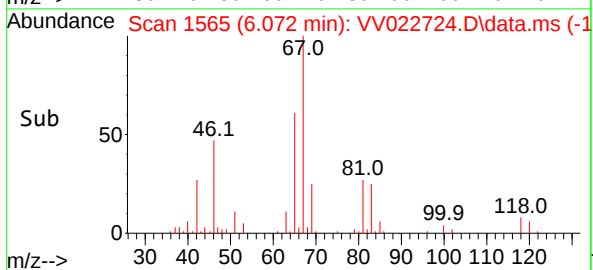
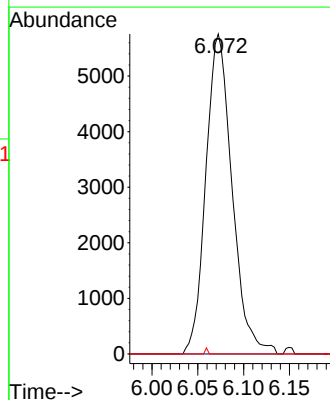
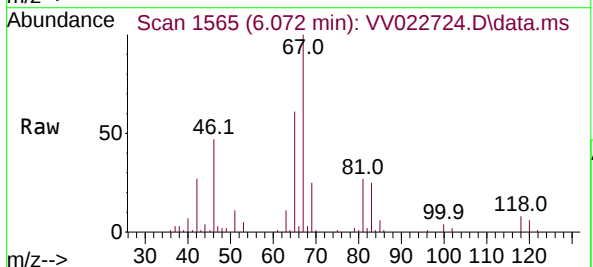
Instrument :  
MSVOA\_V  
ClientSampled :

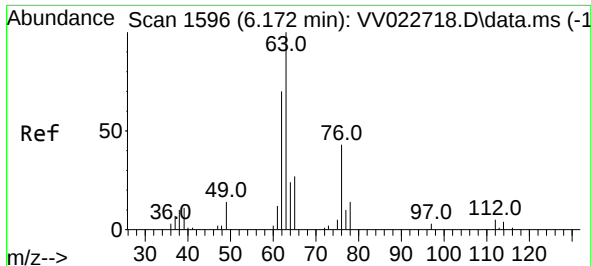
Tgt Ion: 83 Resp: 26359  
Ion Ratio Lower Upper  
83 100  
85 64.5 45.7 84.9



#35  
Methylcyclohexane  
Concen: 0.986 ug/L  
RT: 6.072 min Scan# 1565  
Delta R.T. -0.051 min  
Lab File: VV022724.D  
Acq: 11 Oct 2021 13:05

Tgt Ion: 83 Resp: 11468  
Ion Ratio Lower Upper  
83 100  
55 0.0 63.8 95.6#  
98 17.4 42.1 63.1#



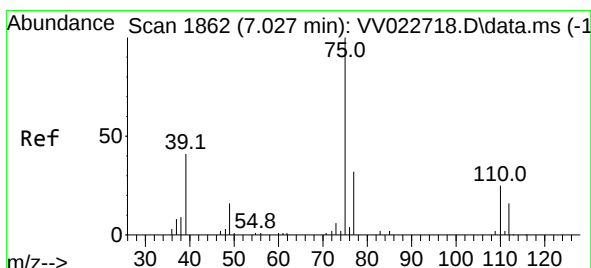
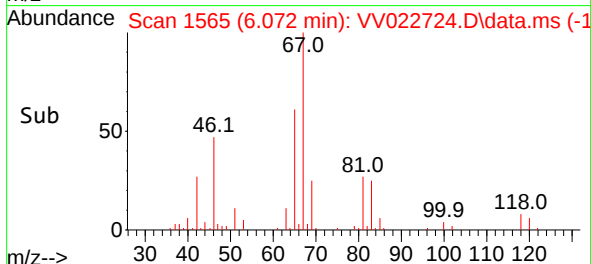
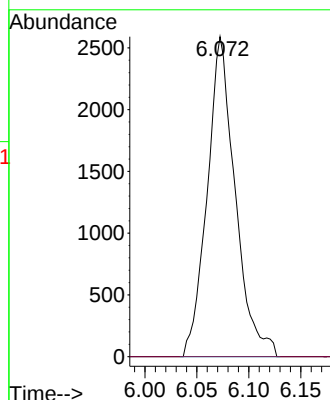
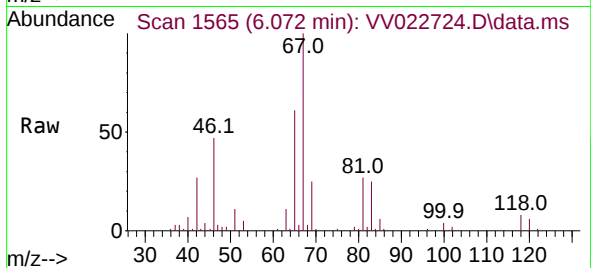


#37

1,2-Dichloropropane  
Concen: 0.663 ug/L  
RT: 6.072 min Scan# 1565  
Delta R.T. -0.100 min  
Lab File: VV022724.D  
Acq: 11 Oct 2021 13:05

Instrument :  
MSVOA\_V  
ClientSampled :

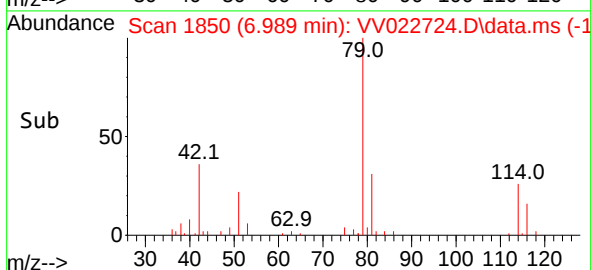
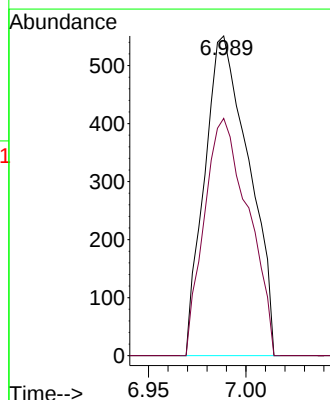
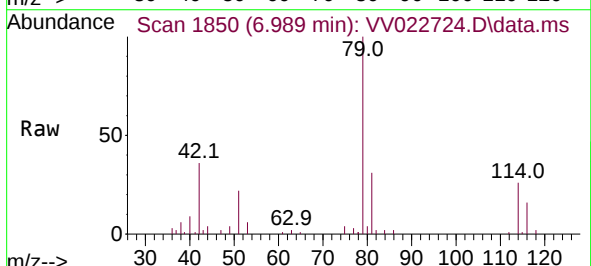
Tgt Ion: 63 Resp: 4863  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.4 6.6#

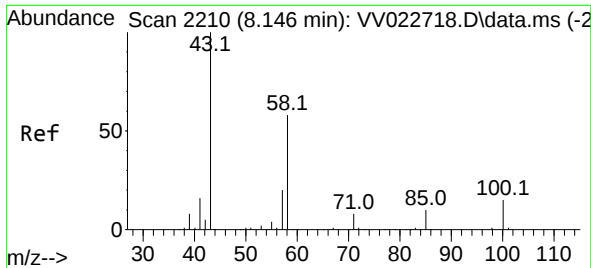


#39

cis-1,3-Dichloropropene  
Concen: 0.090 ug/L  
RT: 6.989 min Scan# 1850  
Delta R.T. -0.039 min  
Lab File: VV022724.D  
Acq: 11 Oct 2021 13:05

Tgt Ion: 75 Resp: 872  
Ion Ratio Lower Upper  
75 100  
77 74.2 22.3 41.3#

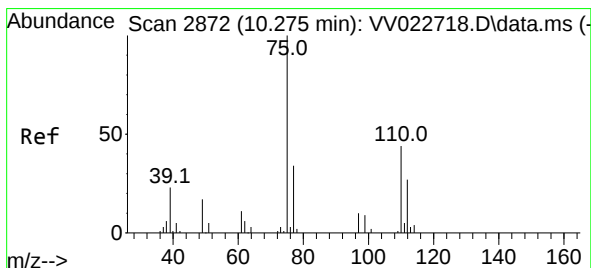
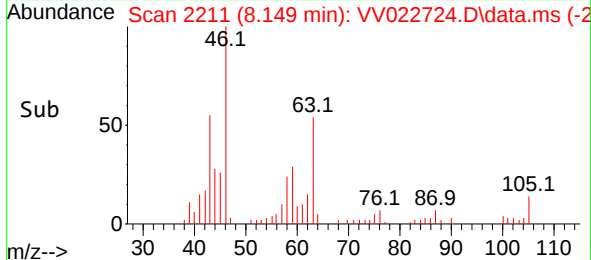
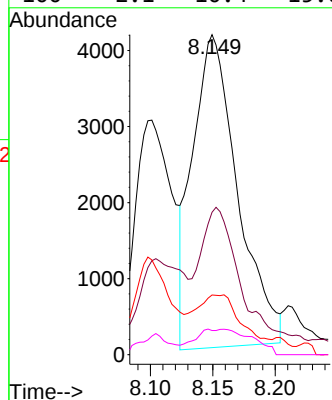
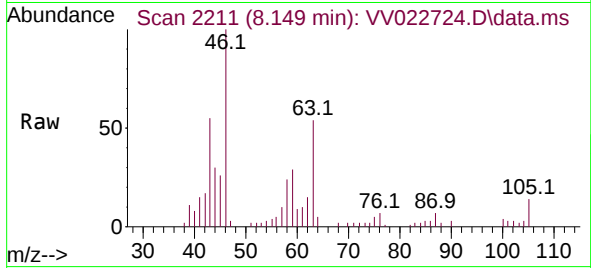




#48  
2-Hexanone  
Concen: 3.576 ug/L  
RT: 8.149 min Scan# 2211  
Delta R.T. 0.003 min  
Lab File: VV022724.D  
Acq: 11 Oct 2021 13:05

Instrument :  
MSVOA\_V  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 10312 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 40.6  | 47.4  | 71.0# |
| 57       | 14.5  | 15.3  | 22.9# |
| 100      | 2.1   | 10.4  | 15.6# |



#61  
1,2,3-Trichloropropane  
Concen: 1.550 ug/L  
RT: 11.249 min Scan# 3175  
Delta R.T. 0.974 min  
Lab File: VV022724.D  
Acq: 11 Oct 2021 13:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 5485  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 39.9  | 25.4  | 38.2# |
| 110      | 2.7   | 34.2  | 51.4# |

