

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW101821\  
 Data File : VW022871.D  
 Acq On : 18 Oct 2021 17:04  
 Operator : SY/MD  
 Sample : M4246-04  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 19 01:45:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Oct 19 01:43:03 2021  
 Response via : Initial Calibration

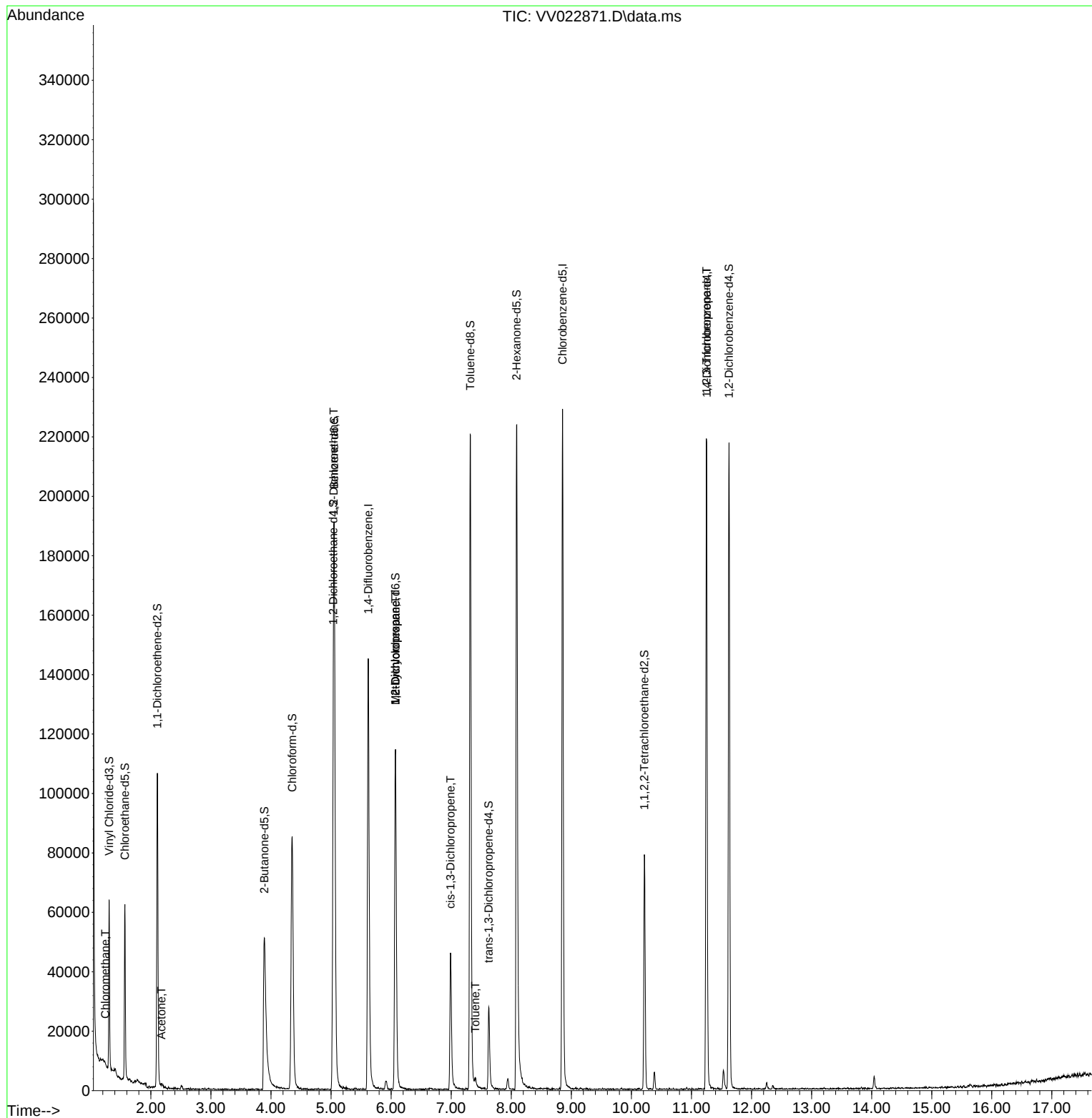
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 128911   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117   | 128689   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252 | 152   | 60381    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 35187    | 3.967    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 79.400%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 34489    | 4.327    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 86.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 54105    | 3.110    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 62.200%  |
| 20) 2-Butanone-d5             | 3.889  | 46    | 95861    | 41.221   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 82.440%  |
| 24) Chloroform-d              | 4.352  | 84    | 92380    | 5.054    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.000% |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 42037    | 4.739    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.800%  |
| 32) Benzene-d6                | 5.053  | 84    | 175495   | 4.581    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 55194    | 4.865    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 97.200%  |
| 41) Toluene-d8                | 7.317  | 98    | 149232   | 4.506    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.200%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 17130    | 4.552    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 91.000%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 75868    | 50.022   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 100.040% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 37563    | 4.887    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 97.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 59485    | 5.313    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 106.200% |
| Target Compounds              |        |       |          |          |        |          |
| 3) Chloromethane              | 1.243  | 50    | 545      | 0.058    | ug/L   | 97       |
| 13) Acetone                   | 2.175  | 43    | 1504     | 1.160    | ug/L # | 44       |
| 27) 1,2-Dichloroethane        | 5.043  | 62    | 1155     | 0.131    | ug/L # | 69       |
| 35) Methylcyclohexane         | 6.072  | 83    | 14023    | 1.062    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.072  | 63    | 6254     | 0.750    | ug/L # | 84       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75    | 1326     | 0.120    | ug/L   | 84       |
| 42) Toluene                   | 7.400  | 91    | 2631     | 0.075    | ug/L   | 94       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75    | 6687     | 1.594    | ug/L # | 64       |

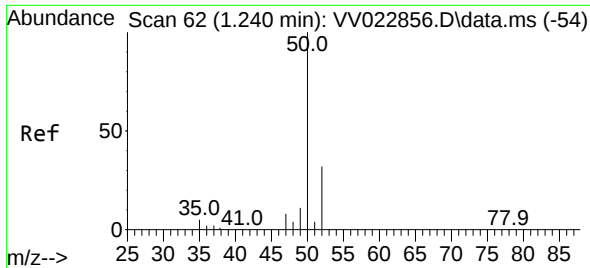
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Oct 19 01:43:03 2021  
Response via : Initial Calibration

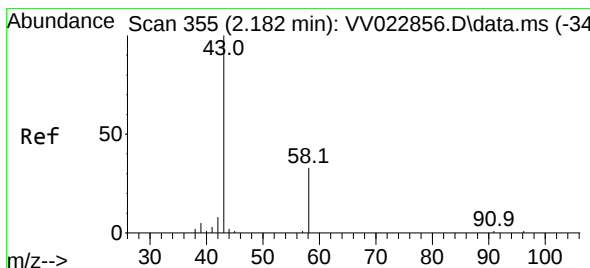
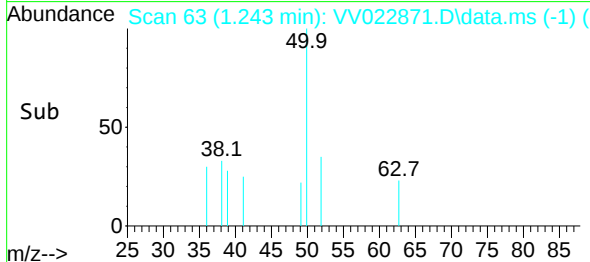
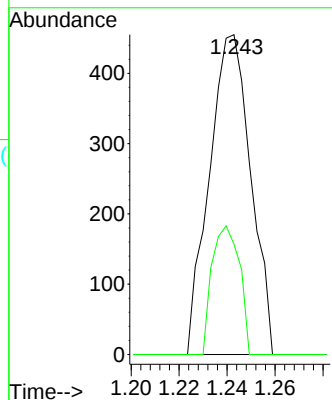
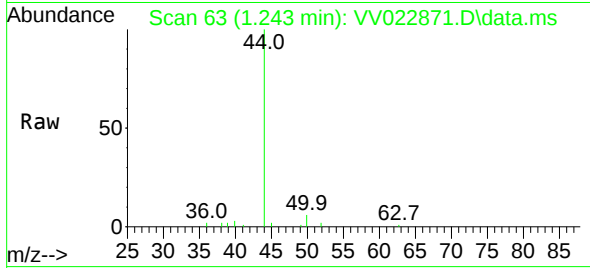




#3  
Chloromethane  
Concen: 0.058 ug/L  
RT: 1.243 min Scan# 63  
Delta R.T. 0.003 min  
Lab File: VV022871.D  
Acq: 18 Oct 2021 17:04

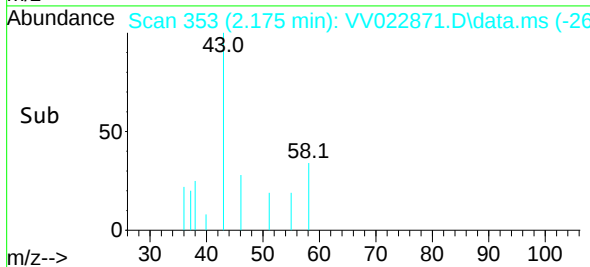
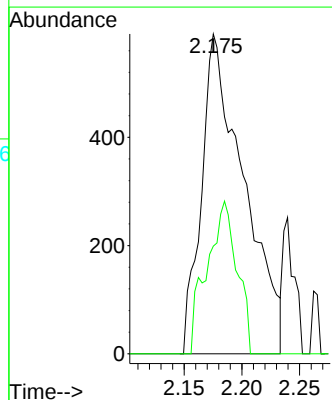
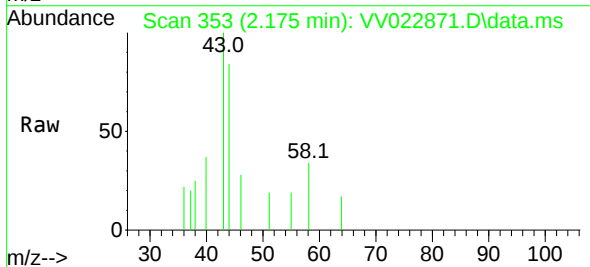
Instrument :  
MSVOA\_V  
ClientSampled :

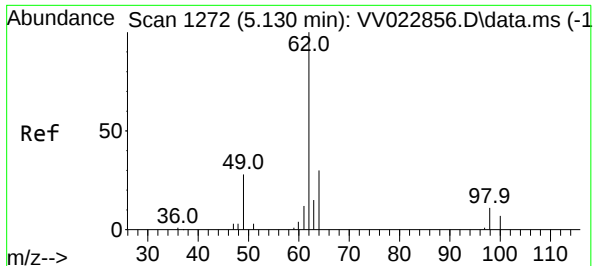
Tgt Ion: 50 Resp: 545  
Ion Ratio Lower Upper  
50 100  
52 34.5 22.9 42.5



#13  
Acetone  
Concen: 1.160 ug/L  
RT: 2.175 min Scan# 353  
Delta R.T. -0.006 min  
Lab File: VV022871.D  
Acq: 18 Oct 2021 17:04

Tgt Ion: 43 Resp: 1504  
Ion Ratio Lower Upper  
43 100  
58 33.9 0.0 24.2#





#27

1,2-Dichloroethane

Concen: 0.131 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.087 min

Lab File: VV022871.D

Acq: 18 Oct 2021 17:04

Tgt Ion: 62 Resp: 1155

Ion Ratio Lower Upper

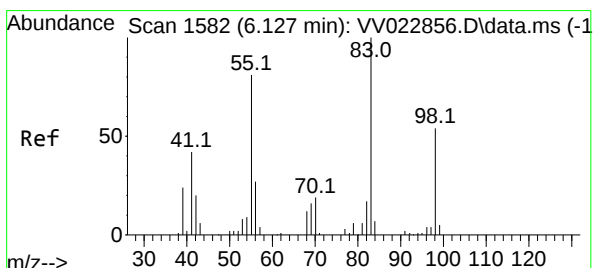
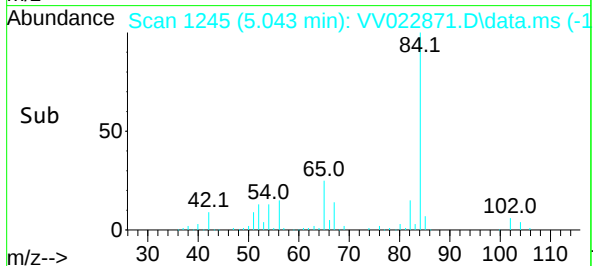
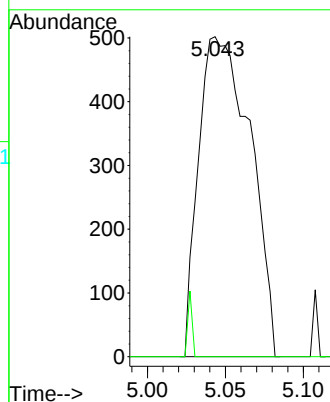
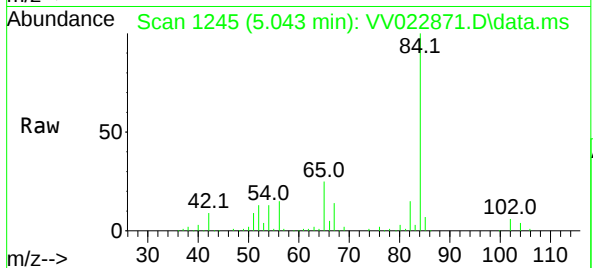
62 100

98 0.0 9.7 14.5#

Instrument :

MSVOA\_V

ClientSampled :



#35

Methylcyclohexane

Concen: 1.062 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV022871.D

Acq: 18 Oct 2021 17:04

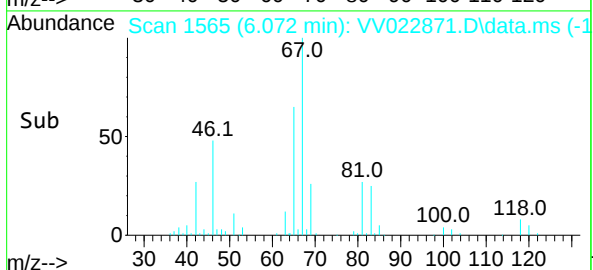
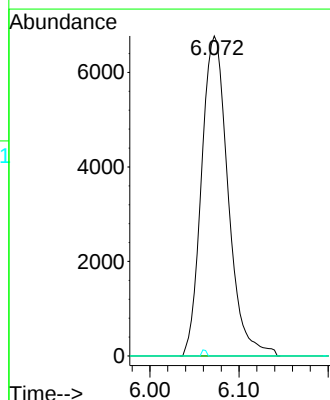
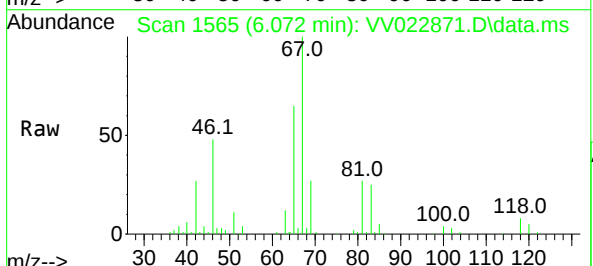
Tgt Ion: 83 Resp: 14023

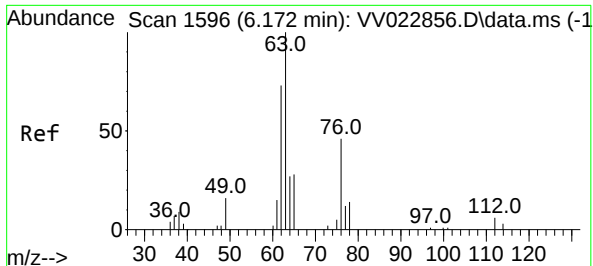
Ion Ratio Lower Upper

83 100

55 0.0 63.8 95.6#

98 0.3 42.1 63.1#



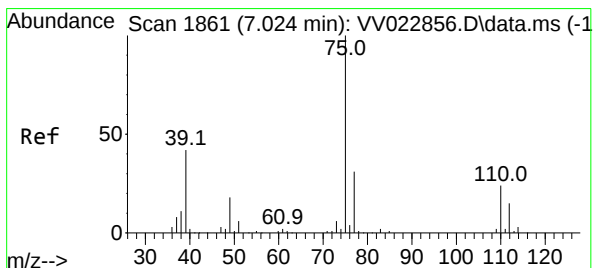
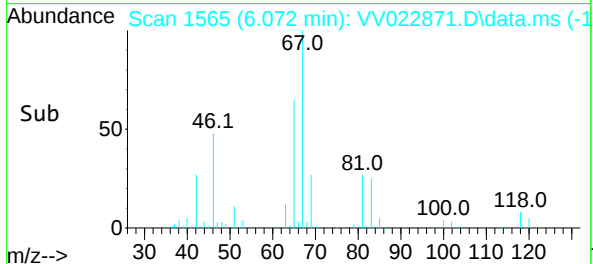
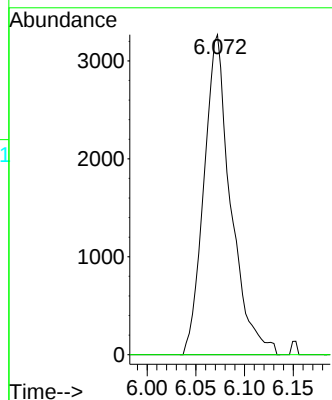
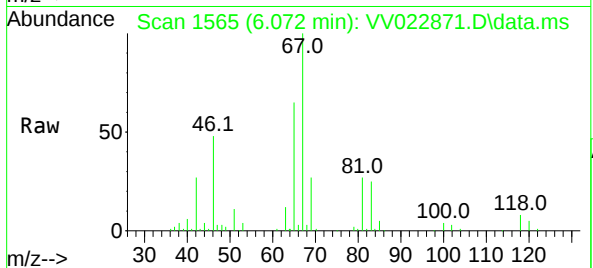


#37

1,2-Dichloropropane  
Concen: 0.750 ug/L  
RT: 6.072 min Scan# 1565  
Delta R.T. -0.100 min  
Lab File: VV022871.D  
Acq: 18 Oct 2021 17:04

Instrument :  
MSVOA\_V  
ClientSampled :

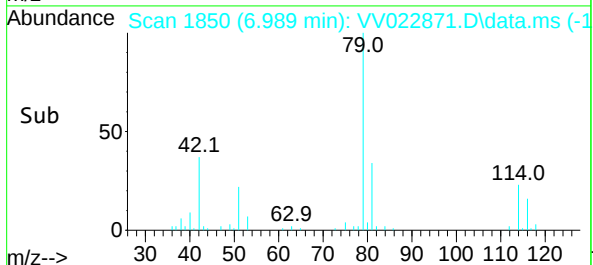
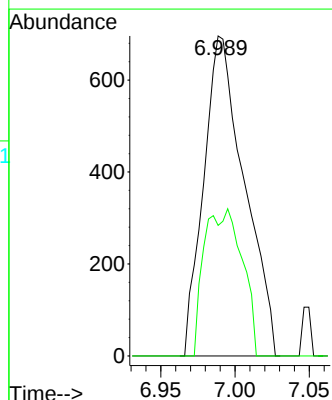
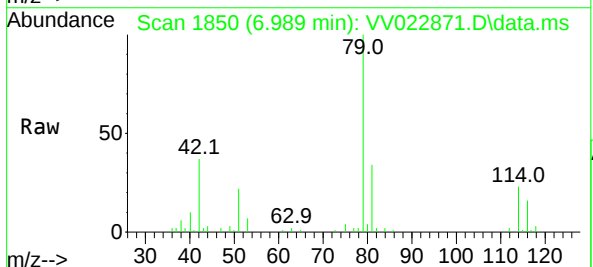
Tgt Ion: 63 Resp: 6254  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.4 6.6#

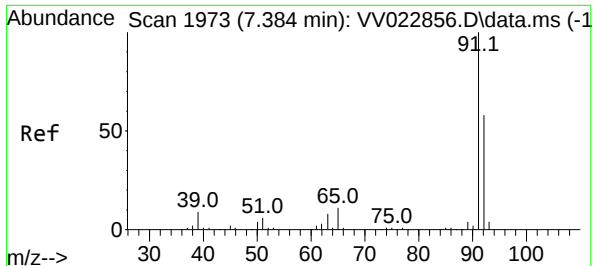


#39

cis-1,3-Dichloropropene  
Concen: 0.120 ug/L  
RT: 6.989 min Scan# 1850  
Delta R.T. -0.035 min  
Lab File: VV022871.D  
Acq: 18 Oct 2021 17:04

Tgt Ion: 75 Resp: 1326  
Ion Ratio Lower Upper  
75 100  
77 40.8 22.3 41.3

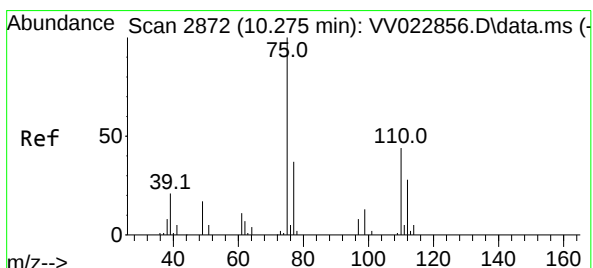
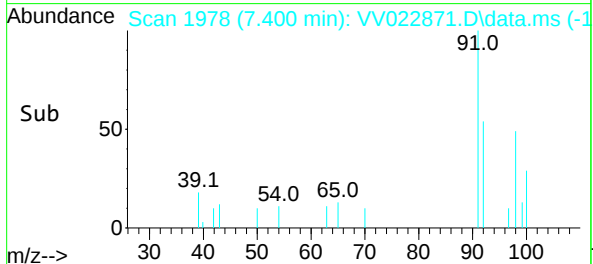
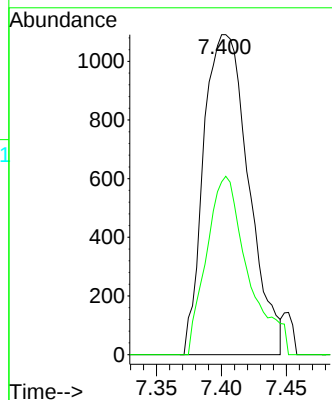
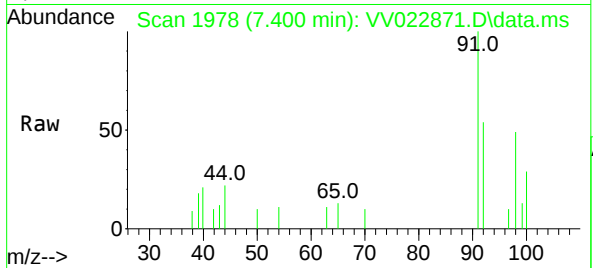




#42  
Toluene  
Concen: 0.075 ug/L  
RT: 7.400 min Scan# 1978  
Delta R.T. 0.016 min  
Lab File: VV022871.D  
Acq: 18 Oct 2021 17:04

Instrument :  
MSVOA\_V  
ClientSampled :

Tgt Ion: 91 Resp: 2631  
Ion Ratio Lower Upper  
91 100  
92 54.0 40.7 75.7



#61  
1,2,3-Trichloropropane  
Concen: 1.594 ug/L  
RT: 11.249 min Scan# 3175  
Delta R.T. 0.974 min  
Lab File: VV022871.D  
Acq: 18 Oct 2021 17:04

Tgt Ion: 75 Resp: 6687  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.4 38.2  
110 3.2 34.2 51.4#

