

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031622\  
 Data File : VW025058.D  
 Acq On : 16 Mar 2022 19:20  
 Operator : SY/MD  
 Sample : N1941-04  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 17 02:06:10 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Mar 17 01:58:56 2022  
 Response via : Initial Calibration

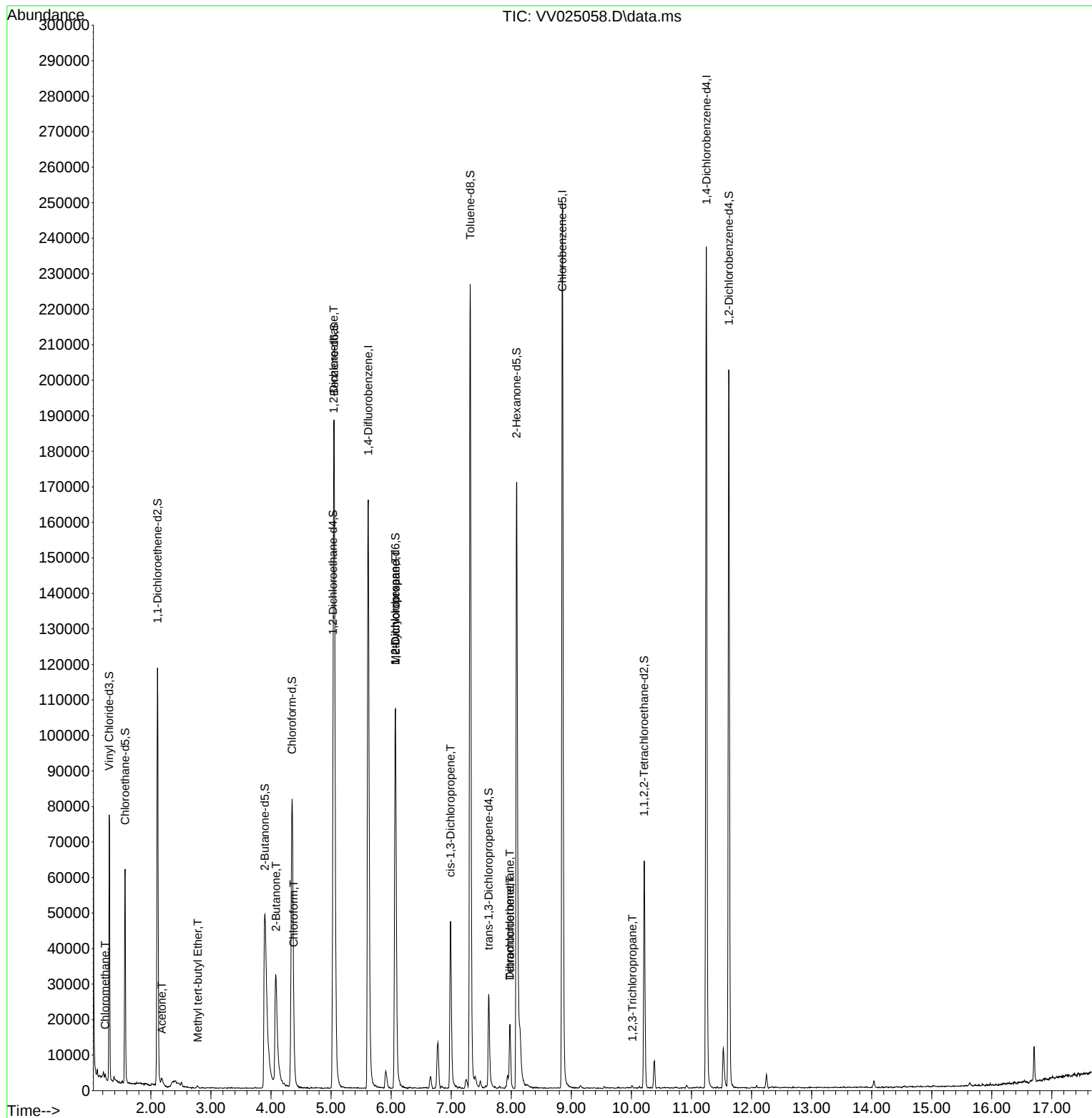
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 150163   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 141026   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 61410    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 47786    | 4.031    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 80.600%  |
| 7) Chloroethane-d5            | 1.571  | 69    | 39772    | 4.581    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 91.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63    | 61605    | 3.215    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 64.400%  |
| 20) 2-Butanone-d5             | 3.896  | 46    | 85721    | 59.830   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 119.660% |
| 24) Chloroform-d              | 4.352  | 84    | 89901    | 4.572    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 40527    | 4.930    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 98.600%  |
| 32) Benzene-d6                | 5.053  | 84    | 182175   | 4.453    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 55839    | 4.747    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.000%  |
| 41) Toluene-d8                | 7.317  | 98    | 155778   | 4.178    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 83.600%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 17386    | 4.239    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 84.800%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 63369    | 45.301   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 90.600%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 32017    | 4.626    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 92.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 51905    | 4.993    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 99.800%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.240  | 50    | 851      | 0.068    | ug/L   | 91       |
| 13) Acetone                   | 2.182  | 43    | 4069     | 4.246    | ug/L   | 82       |
| 17) Methyl tert-butyl Ether   | 2.780  | 73    | 850      | 0.041    | ug/L # | 69       |
| 21) 2-Butanone                | 4.082  | 43    | 55602    | 36.765   | ug/L # | 55       |
| 25) Chloroform                | 4.378  | 83    | 1600     | 0.078    | ug/L   | 94       |
| 27) 1,2-Dichloroethane        | 5.044  | 62    | 943      | 0.093    | ug/L # | 71       |
| 35) Methylcyclohexane         | 6.072  | 83    | 13545    | 0.701    | ug/L # | 22       |
| 37) 1,2-Dichloropropane       | 6.072  | 63    | 5551     | 0.527    | ug/L # | 86       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75    | 1257     | 0.086    | ug/L # | 71       |
| 47) Tetrachloroethene         | 7.979  | 164   | 3916     | 0.456    | ug/L   | 96       |
| 49) Dibromochloromethane      | 7.979  | 129   | 4052     | 0.514    | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 10.014 | 75    | 400      | 0.077    | ug/L # | 39       |
| -----                         |        |       |          |          |        |          |

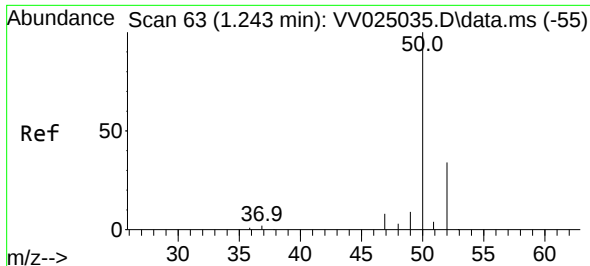
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031622\  
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Sample : N1941-04  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Mar 17 02:06:10 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Mar 17 01:58:56 2022  
Response via : Initial Calibration

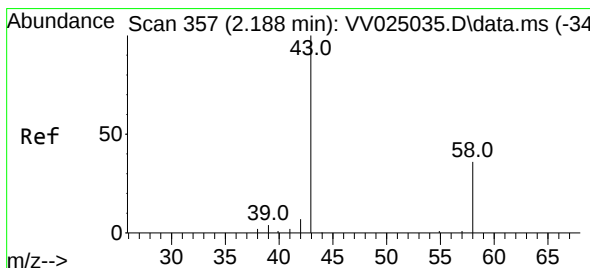
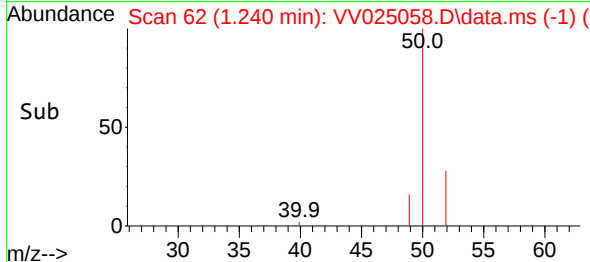
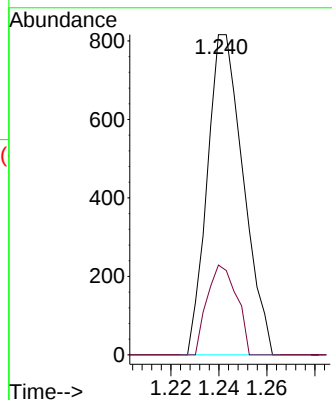
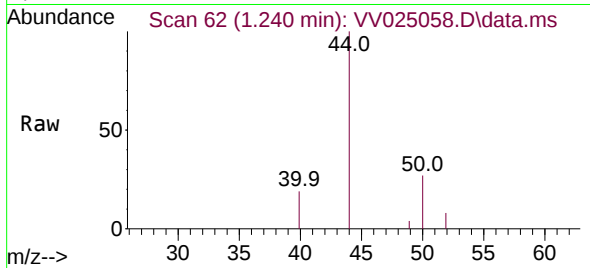




#3  
Chloromethane  
Concen: 0.068 ug/L  
RT: 1.240 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: VV025058.D  
Acq: 16 Mar 2022 19:20

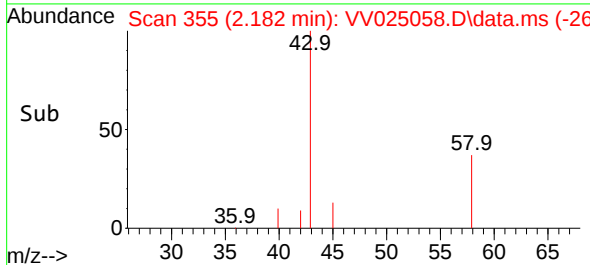
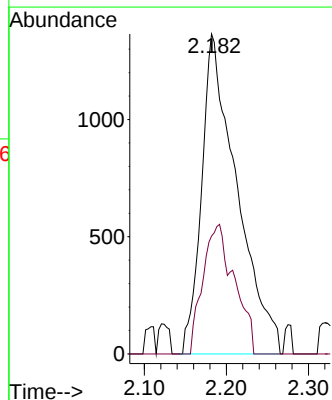
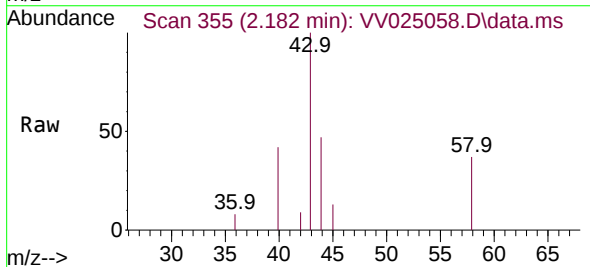
Instrument :  
MSVOA\_V  
ClientSampleId :

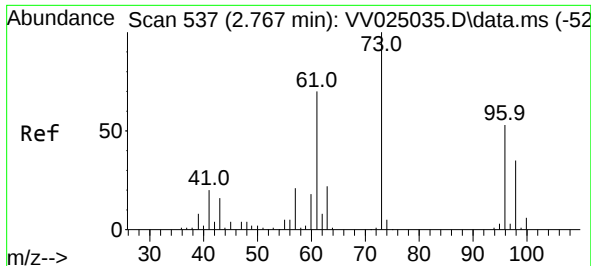
Tgt Ion: 50 Resp: 851  
Ion Ratio Lower Upper  
50 100  
52 28.1 23.2 43.2



#13  
Acetone  
Concen: 4.246 ug/L  
RT: 2.182 min Scan# 355  
Delta R.T. -0.006 min  
Lab File: VV025058.D  
Acq: 16 Mar 2022 19:20

Tgt Ion: 43 Resp: 4069  
Ion Ratio Lower Upper  
43 100  
58 36.2 0.0 54.2





#17

Methyl tert-butyl Ether

Concen: 0.041 ug/L

RT: 2.780 min Scan# 541

Delta R.T. 0.013 min

Lab File: VV025058.D

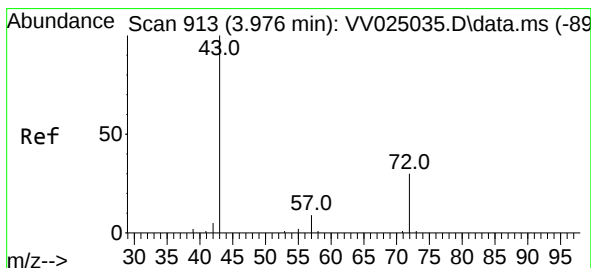
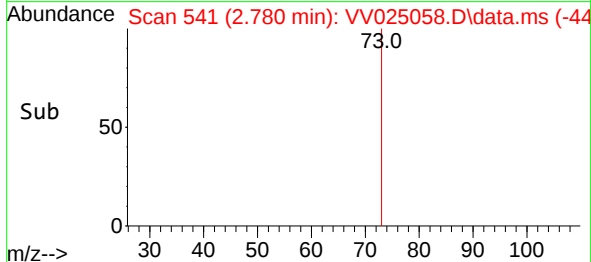
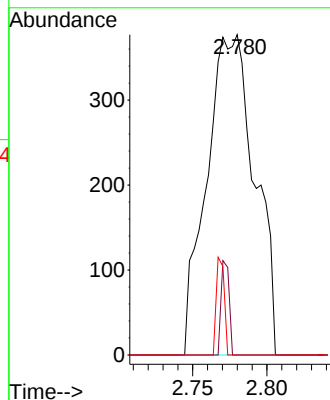
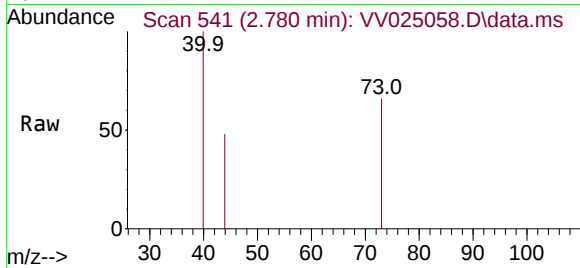
Acq: 16 Mar 2022 19:20

Instrument :

MSVOA\_V

ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 73 | Resp: | 850         |
| Ion         | Ratio | Lower Upper |
| 73          | 100   |             |
| 43          | 4.8   | 13.2 19.8#  |
| 57          | 4.9   | 16.7 25.1#  |



#21

2-Butanone

Concen: 36.765 ug/L

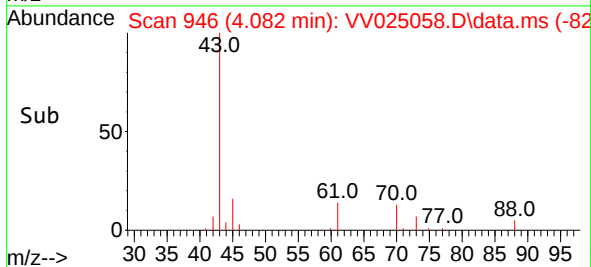
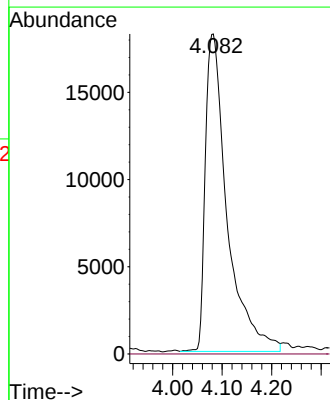
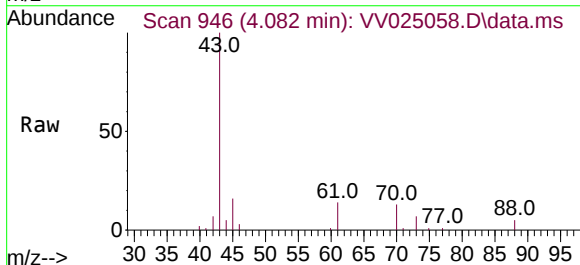
RT: 4.082 min Scan# 946

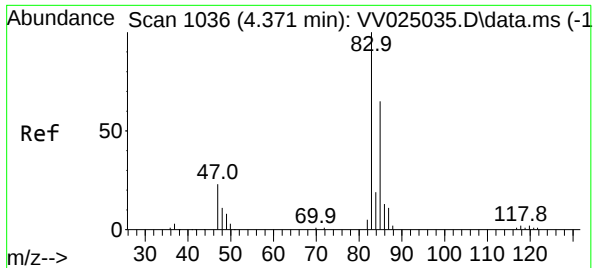
Delta R.T. 0.106 min

Lab File: VV025058.D

Acq: 16 Mar 2022 19:20

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 43 | Resp: | 55602       |
| Ion         | Ratio | Lower Upper |
| 43          | 100   |             |
| 72          | 0.0   | 10.4 31.2#  |





#25

Chloroform

Concen: 0.078 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV025058.D

Acq: 16 Mar 2022 19:20

Instrument :

MSVOA\_V

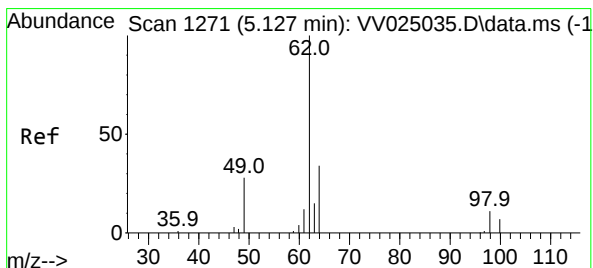
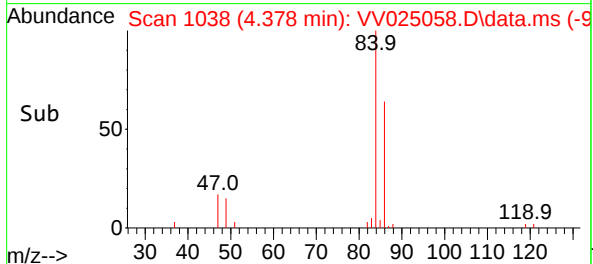
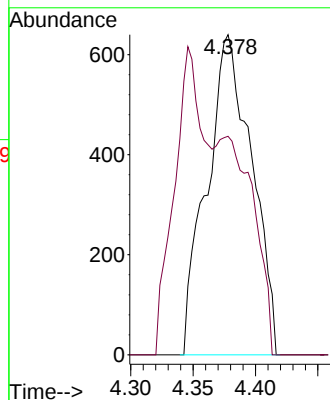
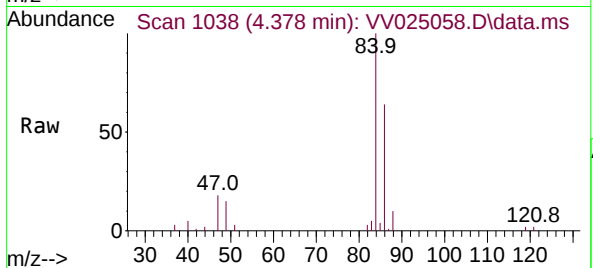
ClientSampleId :

Tgt Ion: 83 Resp: 1600

Ion Ratio Lower Upper

83 100

85 68.3 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.093 ug/L

RT: 5.044 min Scan# 1245

Delta R.T. -0.084 min

Lab File: VV025058.D

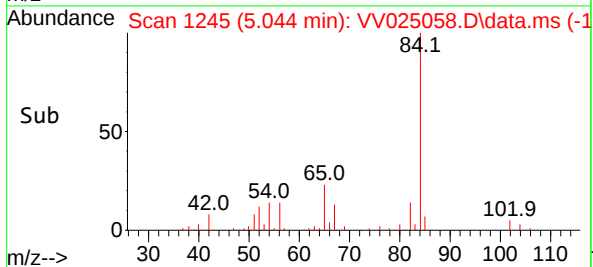
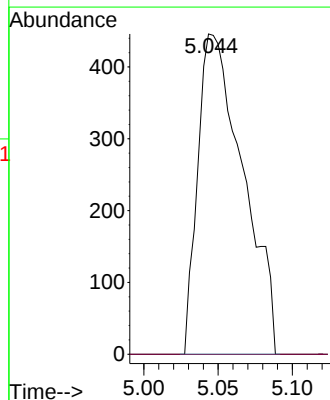
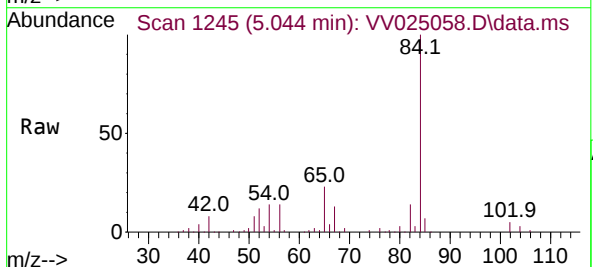
Acq: 16 Mar 2022 19:20

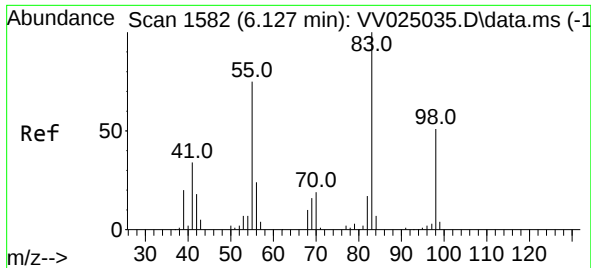
Tgt Ion: 62 Resp: 943

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#

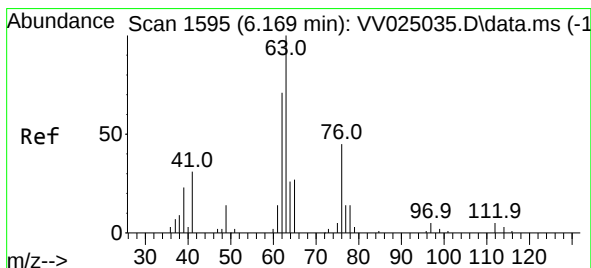
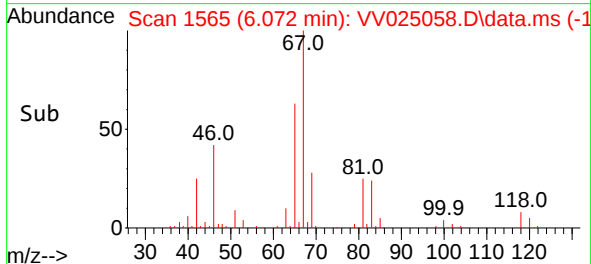
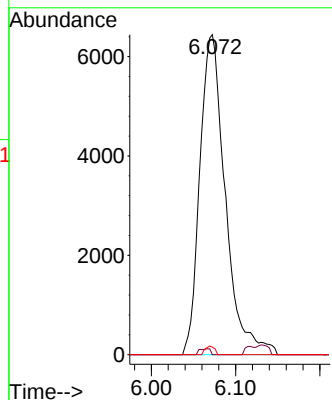
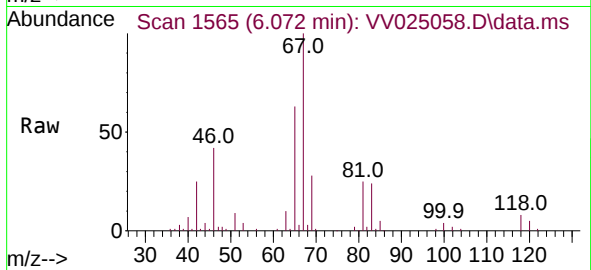




#35  
Methylcyclohexane  
Concen: 0.701 ug/L  
RT: 6.072 min Scan# 1565  
Delta R.T. -0.055 min  
Lab File: VV025058.D  
Acq: 16 Mar 2022 19:20

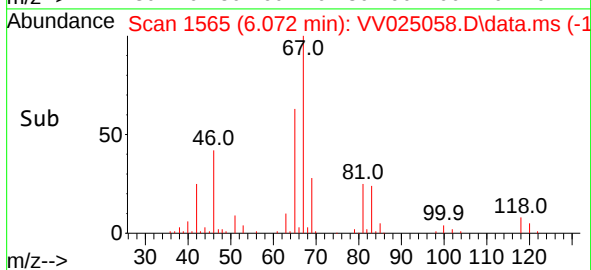
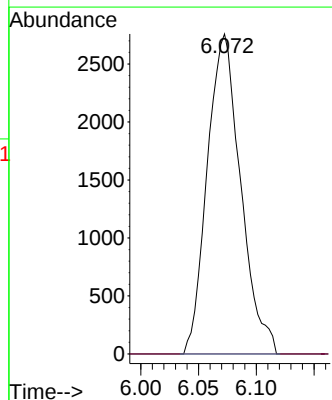
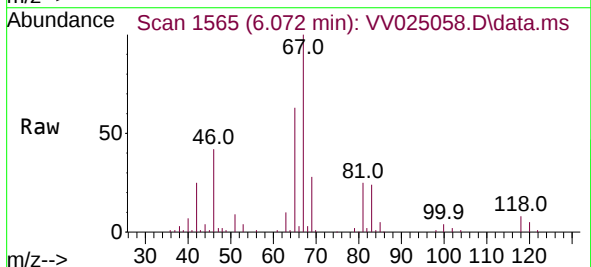
Instrument :  
MSVOA\_V  
ClientSampleId :

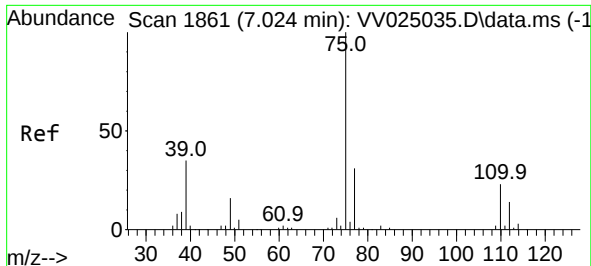
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 0.8   | 55.4  | 83.0# |
| 98      | 1.0   | 38.4  | 57.6# |



#37  
1,2-Dichloropropane  
Concen: 0.527 ug/L  
RT: 6.072 min Scan# 1565  
Delta R.T. -0.096 min  
Lab File: VV025058.D  
Acq: 16 Mar 2022 19:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 112     | 0.0   | 3.8   | 5.6#  |





#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025058.D

Acq: 16 Mar 2022 19:20

Instrument :

MSVOA\_V

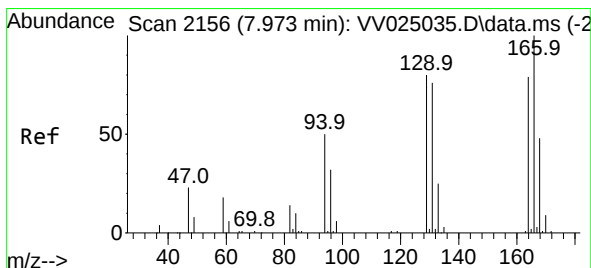
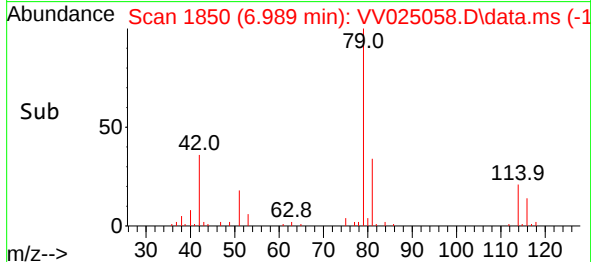
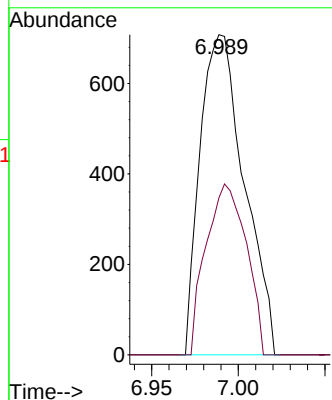
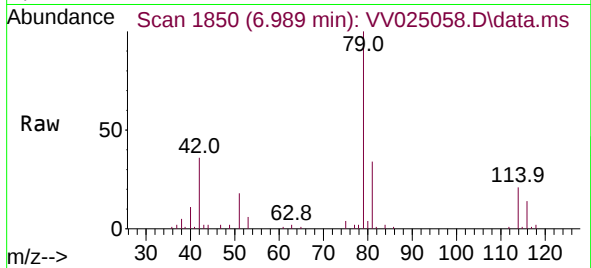
ClientSampleId :

Tgt Ion: 75 Resp: 1257

Ion Ratio Lower Upper

75 100

77 49.0 23.0 42.8#



#47

Tetrachloroethene

Concen: 0.456 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.007 min

Lab File: VV025058.D

Acq: 16 Mar 2022 19:20

Tgt Ion: 164 Resp: 3916

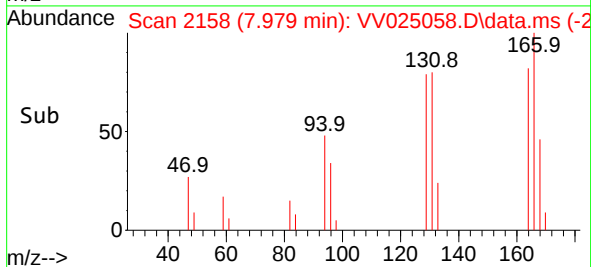
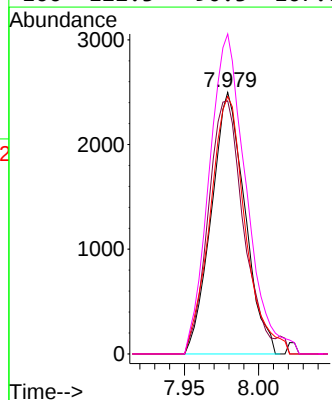
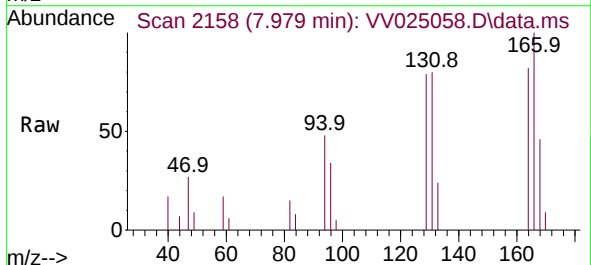
Ion Ratio Lower Upper

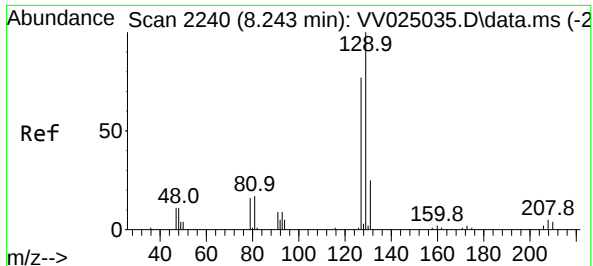
164 100

129 96.7 70.3 130.7

131 98.4 69.4 129.0

166 122.3 90.3 167.7





#49

Dibromochloromethane

Concen: 0.514 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV025058.D

Acq: 16 Mar 2022 19:20

Instrument :

MSVOA\_V

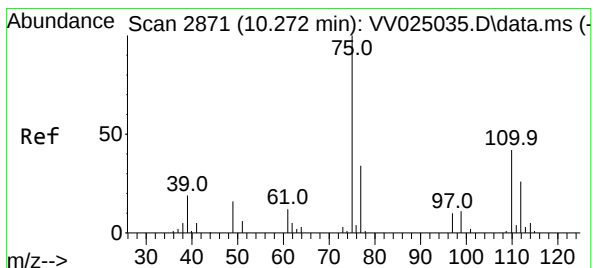
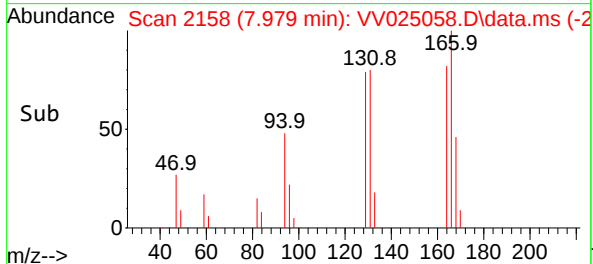
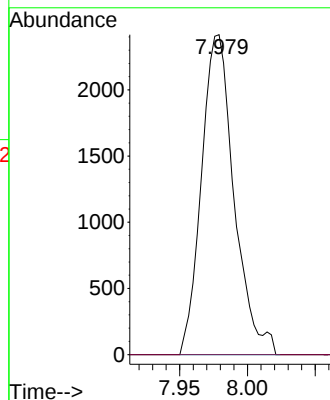
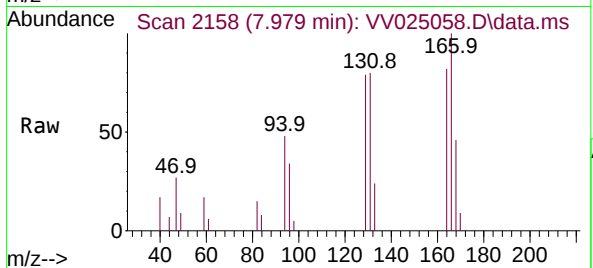
ClientSampleId :

Tgt Ion:129 Resp: 4052

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



#61

1,2,3-Trichloropropane

Concen: 0.077 ug/L

RT: 10.014 min Scan# 2791

Delta R.T. -0.257 min

Lab File: VV025058.D

Acq: 16 Mar 2022 19:20

Tgt Ion: 75 Resp: 400

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

110 0.0 31.2 46.8#

