

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW061522\  
 Data File : VW026279.D  
 Acq On : 15 Jun 2022 15:45  
 Operator : SY/MD  
 Sample : N3275-01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0BC4

Quant Time: Jun 16 01:40:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR061522WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jun 16 01:38:03 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.622  | 114   | 195835   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117   | 189319   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 79470    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.317  | 65    | 82210    | 4.833    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 96.600%  |
| 7) Chloroethane-d5            | 1.577  | 69    | 66713    | 4.988    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 99.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.117  | 63    | 112874   | 3.864    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 77.200%  |
| 20) 2-Butanone-d5             | 3.918  | 46    | 100389   | 60.485   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 120.960% |
| 24) Chloroform-d              | 4.358  | 84    | 129520   | 5.195    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 104.000% |
| 26) 1,2-Dichloroethane-d4     | 5.040  | 65    | 55266    | 5.240    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 104.800% |
| 32) Benzene-d6                | 5.056  | 84    | 257003   | 5.078    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.600% |
| 36) 1,2-Dichloropropane-d6    | 6.075  | 67    | 78901    | 5.341    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 106.800% |
| 41) Toluene-d8                | 7.316  | 98    | 209390   | 4.537    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.800%  |
| 43) trans-1,3-Dichloroprop... | 7.628  | 79    | 20463    | 4.272    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 85.400%  |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 72595    | 50.170   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 100.340% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 47217    | 5.189    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 103.800% |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 69570    | 5.683    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 113.600% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.252  | 50    | 602      | 0.037    | ug/L   | 90       |
| 8) Chloroethane               | 1.590  | 64    | 3913     | 0.373    | ug/L # | 46       |
| 9) Trichlorofluoromethane     | 1.764  | 101   | 11111    | 0.476    | ug/L   | 99       |
| 13) Acetone                   | 2.201  | 43    | 517645   | 402.444  | ug/L   | 87       |
| 15) Methyl Acetate            | 2.201  | 43    | 504163   | 163.360  | ug/L # | 48       |
| 21) 2-Butanone                | 4.008  | 43    | 1620     | 0.973    | ug/L   | 85       |
| 22) cis-1,2-Dichloroethene    | 3.924  | 96    | 3834     | 0.316    | ug/L   | 88       |
| 25) Chloroform                | 4.381  | 83    | 2424     | 0.098    | ug/L   | 77       |
| 27) 1,2-Dichloroethane        | 5.056  | 62    | 1475     | 0.131    | ug/L # | 85       |
| 34) Trichloroethene           | 5.927  | 95    | 4067     | 0.307    | ug/L   | 94       |
| 35) Methylcyclohexane         | 6.075  | 83    | 18755    | 1.023    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.075  | 63    | 8145     | 0.642    | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 6.992  | 75    | 1423     | 0.098    | ug/L # | 66       |
| 44) trans-1,3-Dichloropropene | 7.625  | 75    | 841      | 0.073    | ug/L   | 94       |
| 47) Tetrachloroethene         | 7.982  | 164   | 2389     | 0.243    | ug/L # | 75       |
| 49) Dibromochloromethane      | 7.982  | 129   | 2417     | 0.262    | ug/L # | 9        |
| 61) 1,2,3-Trichloropropane    | 10.011 | 75    | 2689     | 0.521    | ug/L # | 39       |
| 68) 1,2-Dibromo-3-chloropr... | 12.258 | 75    | 113      | 0.124    | ug/L # | 3        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061522\  
Data File : VV026279.D  
Acq On : 15 Jun 2022 15:45  
Operator : SY/MD  
Sample : N3275-01  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0BC4

Quant Time: Jun 16 01:40:23 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR061522WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Jun 16 01:38:03 2022  
Response via : Initial Calibration

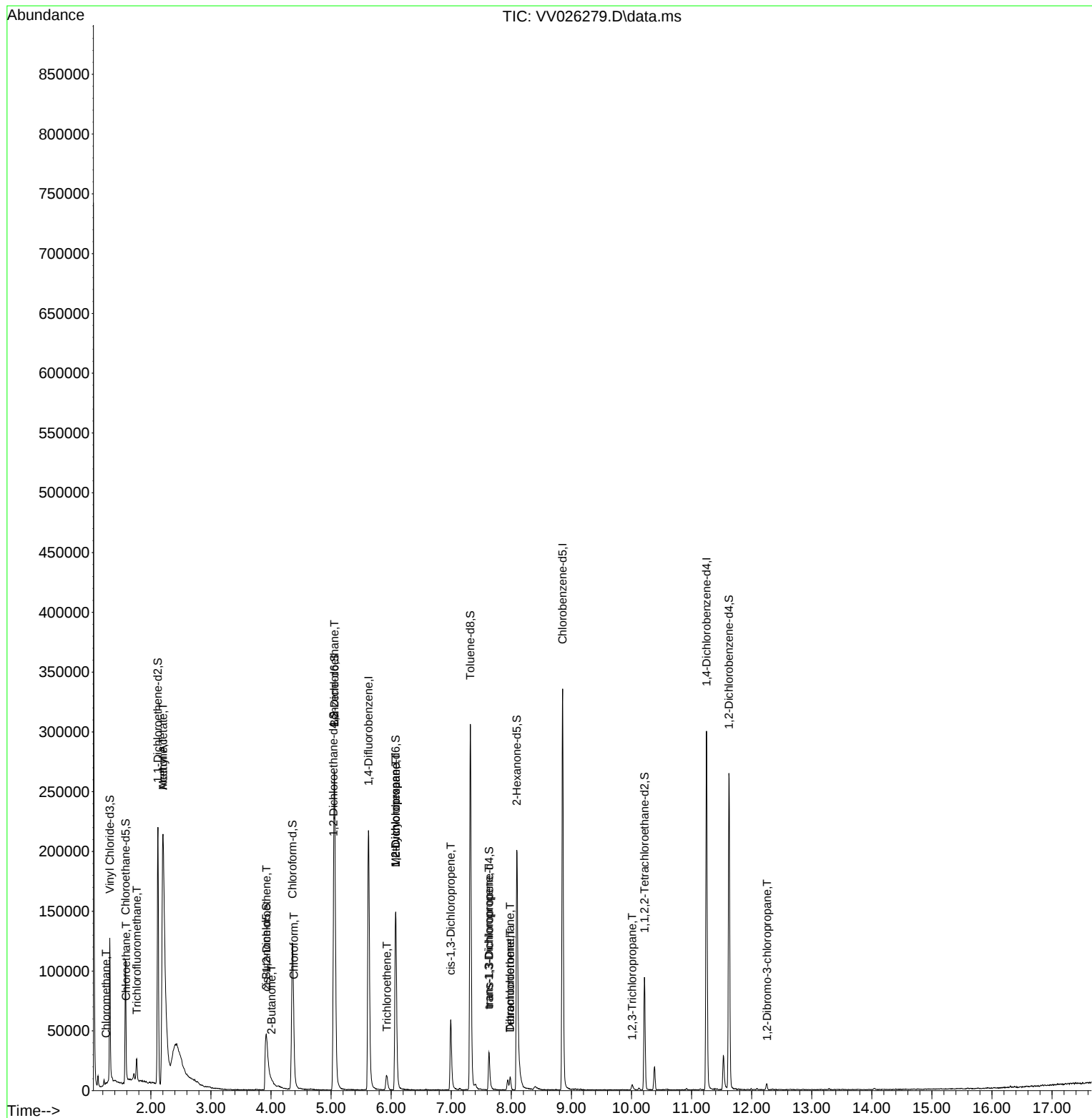
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

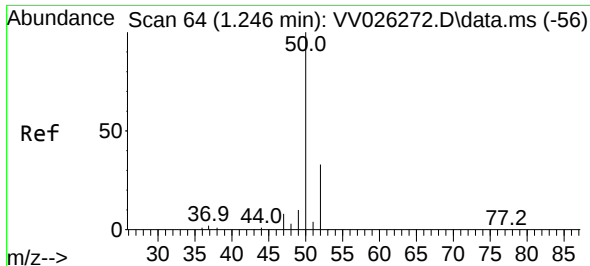
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061522\  
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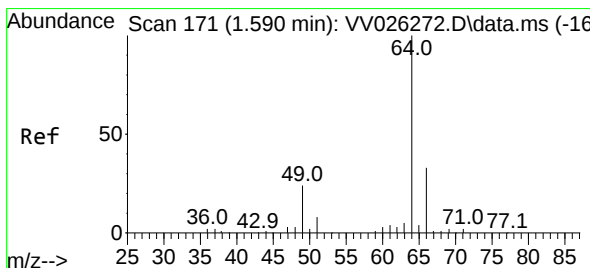
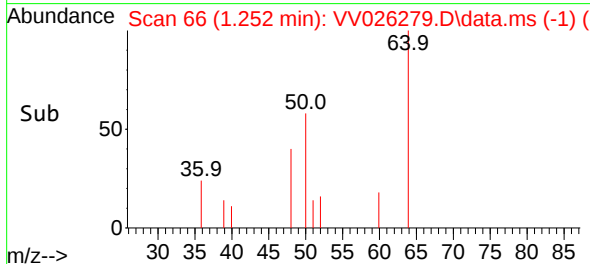
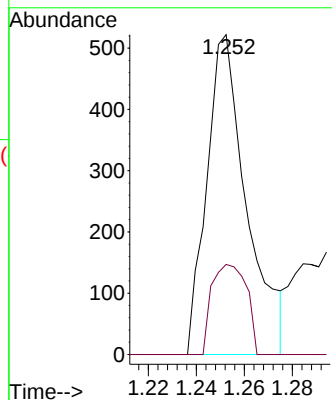
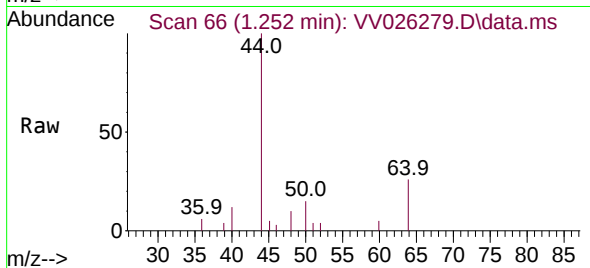




#3  
Chloromethane  
Concen: 0.037 ug/L  
RT: 1.252 min Scan# 60  
Delta R.T. 0.006 min  
Lab File: VV026279.D  
Acq: 15 Jun 2022 15:45

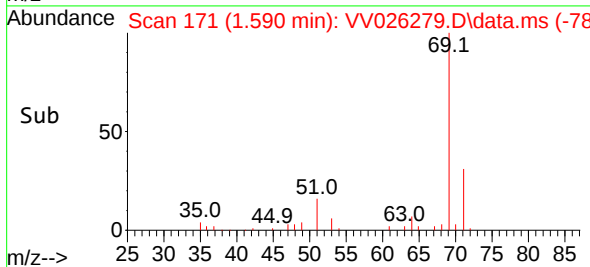
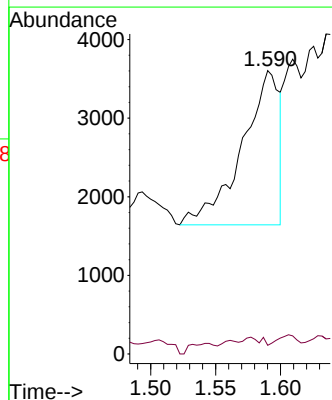
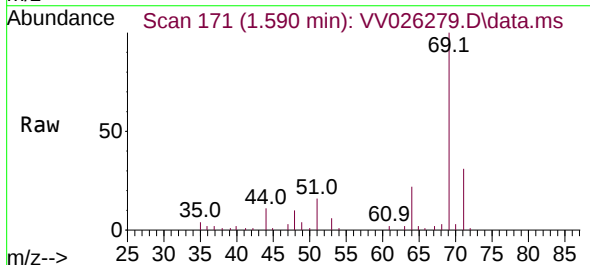
Instrument :  
MSVOA\_V  
ClientSampleId :  
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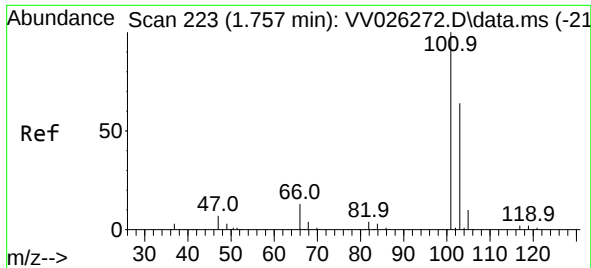
Tgt Ion: 50 Resp: 602  
Ion Ratio Lower Upper  
50 100  
52 28.2 23.7 44.1



#8  
Chloroethane  
Concen: 0.373 ug/L  
RT: 1.590 min Scan# 171  
Delta R.T. -0.000 min  
Lab File: VV026279.D  
Acq: 15 Jun 2022 15:45

Tgt Ion: 64 Resp: 3913  
Ion Ratio Lower Upper  
64 100  
66 3.1 24.1 44.7#

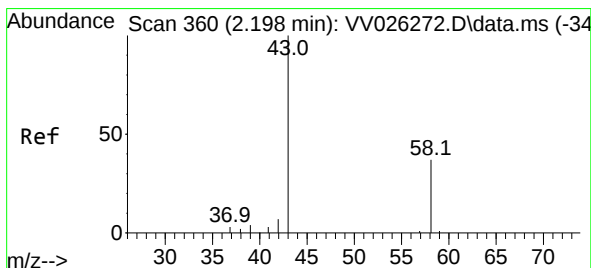
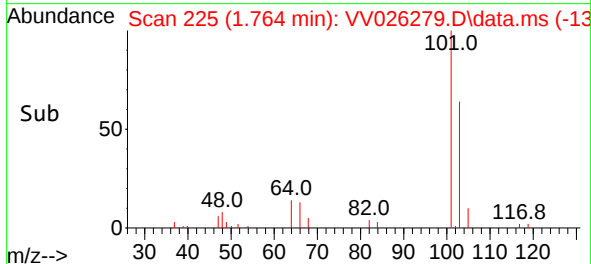
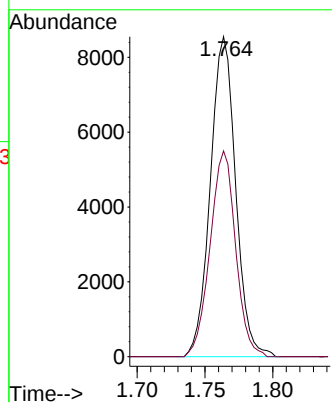
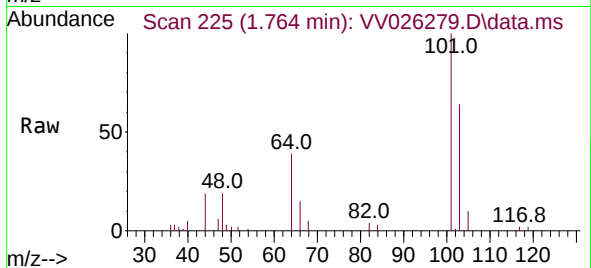




#9  
 Trichlorofluoromethane  
 Concen: 0.476 ug/L  
 RT: 1.764 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VV026279.D  
 Acq: 15 Jun 2022 15:45

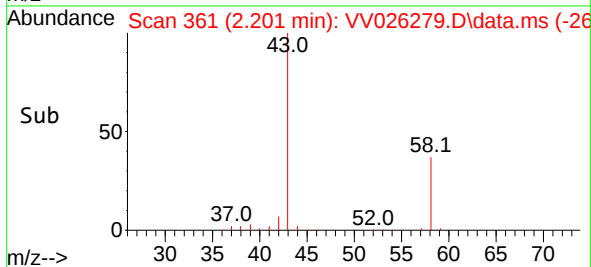
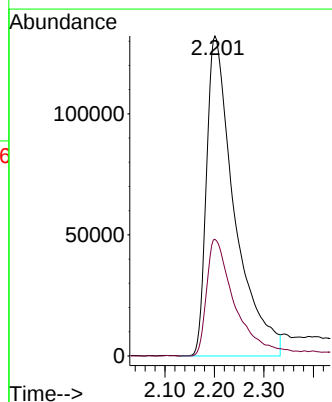
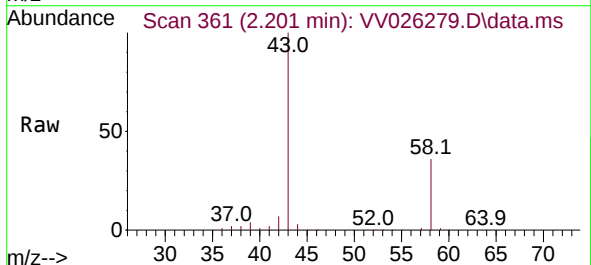
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0BC4

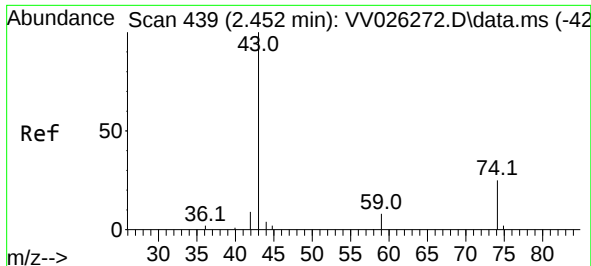
Tgt Ion:101 Resp: 11111  
 Ion Ratio Lower Upper  
 101 100  
 103 64.7 52.3 78.5



#13  
 Acetone  
 Concen: 402.444 ug/L  
 RT: 2.201 min Scan# 361  
 Delta R.T. 0.003 min  
 Lab File: VV026279.D  
 Acq: 15 Jun 2022 15:45

Tgt Ion: 43 Resp: 517645  
 Ion Ratio Lower Upper  
 43 100  
 58 37.2 0.0 60.0

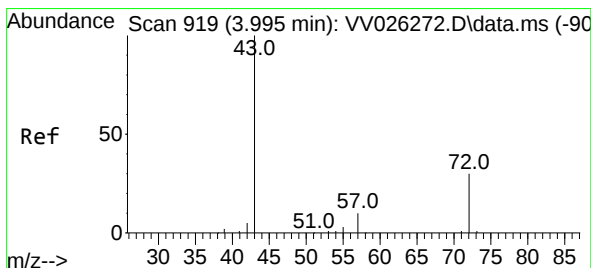
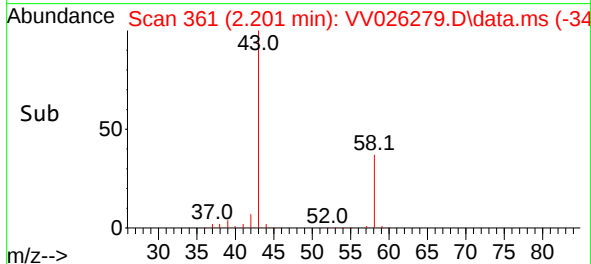
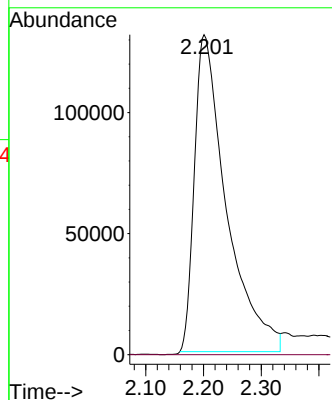
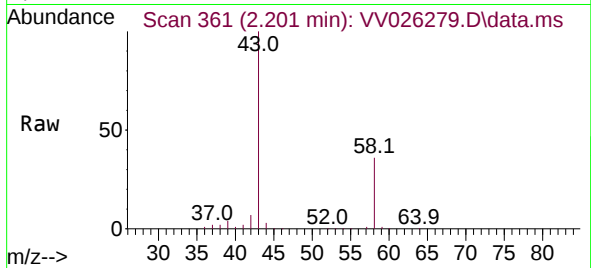




#15  
Methyl Acetate  
Concen: 163.360 ug/L  
RT: 2.201 min Scan# 30  
Delta R.T. -0.251 min  
Lab File: VV026279.D  
Acq: 15 Jun 2022 15:45

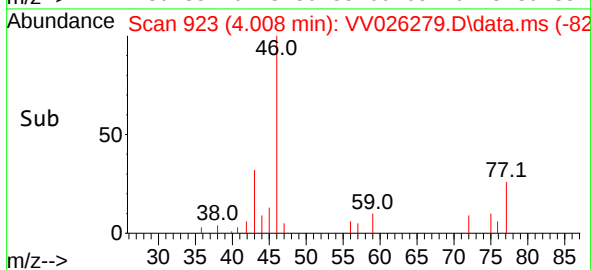
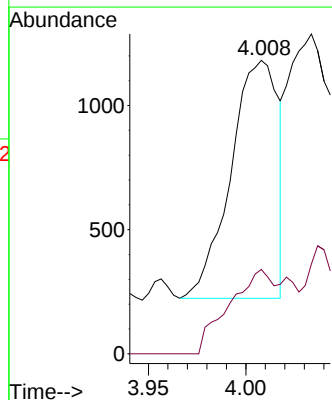
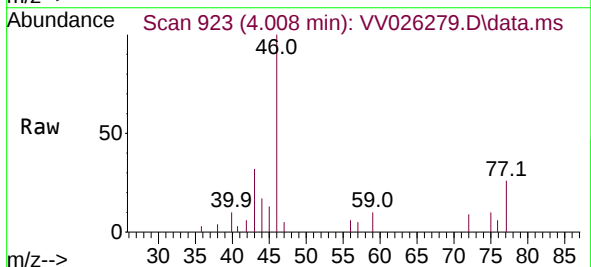
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0BC4

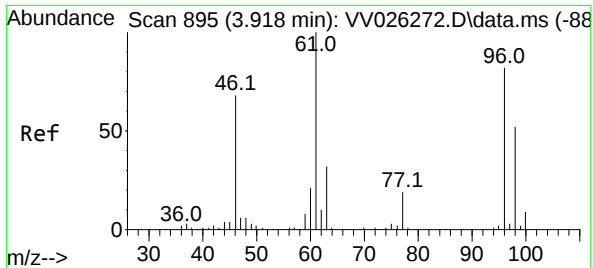
Tgt Ion: 43 Resp: 504163  
Ion Ratio Lower Upper  
43 100  
74 0.0 21.4 32.0#



#21  
2-Butanone  
Concen: 0.973 ug/L  
RT: 4.008 min Scan# 923  
Delta R.T. 0.013 min  
Lab File: VV026279.D  
Acq: 15 Jun 2022 15:45

Tgt Ion: 43 Resp: 1620  
Ion Ratio Lower Upper  
43 100  
72 32.7 12.7 38.0

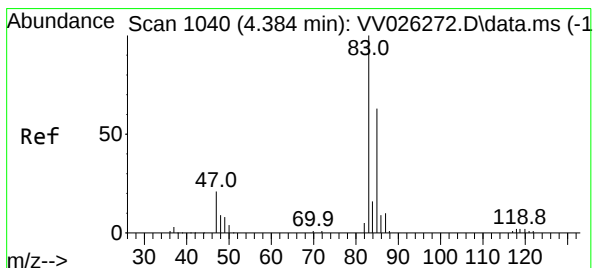
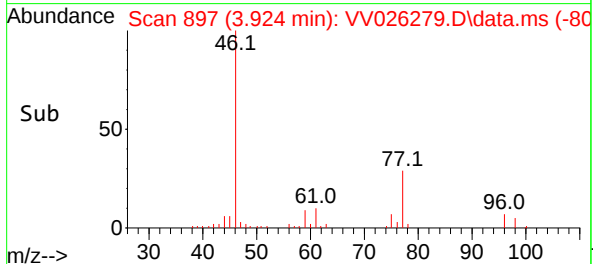
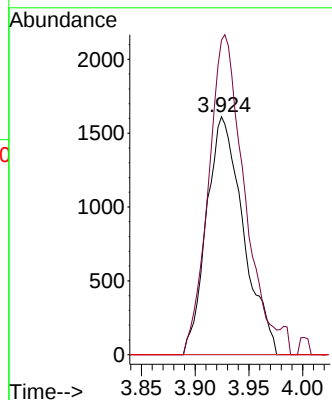
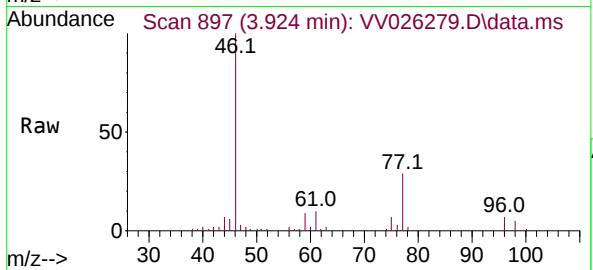




#22  
 cis-1,2-Dichloroethene  
 Concen: 0.316 ug/L  
 RT: 3.924 min Scan# 895  
 Delta R.T. 0.006 min  
 Lab File: VV026279.D  
 Acq: 15 Jun 2022 15:45

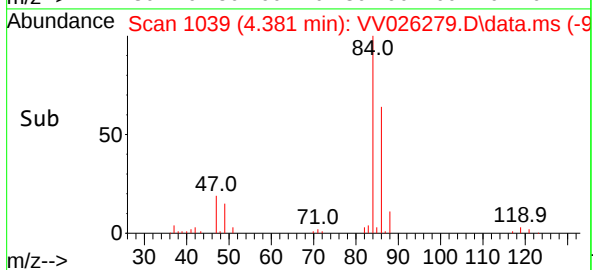
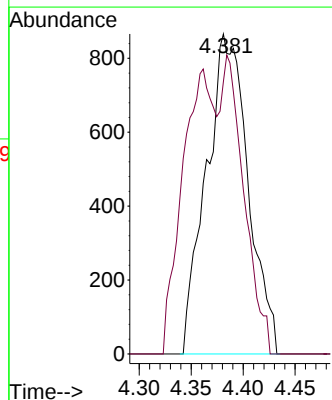
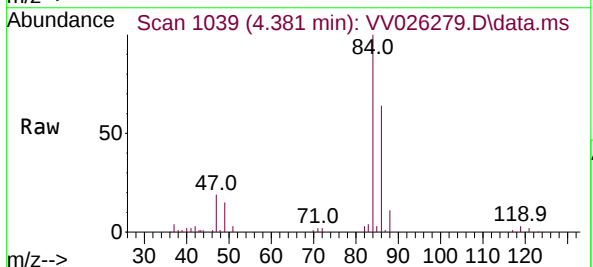
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
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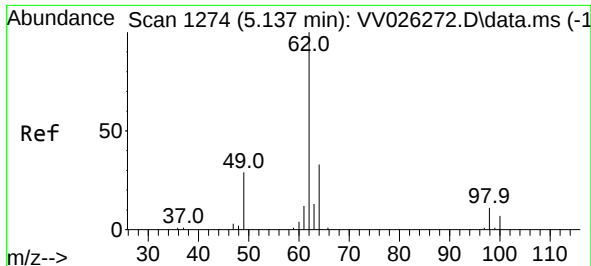
Tgt Ion: 96 Resp: 3834  
 Ion Ratio Lower Upper  
 96 100  
 61 132.2 83.6 155.2  
 68 0.0 0.0 0.0



#25  
 Chloroform  
 Concen: 0.098 ug/L  
 RT: 4.381 min Scan# 1039  
 Delta R.T. -0.003 min  
 Lab File: VV026279.D  
 Acq: 15 Jun 2022 15:45

Tgt Ion: 83 Resp: 2424  
 Ion Ratio Lower Upper  
 83 100  
 85 85.1 46.5 86.3





#27

1,2-Dichloroethane

Concen: 0.131 ug/L

RT: 5.056 min Scan# 11

Delta R.T. -0.081 min

Lab File: VV026279.D

Acq: 15 Jun 2022 15:45

Instrument :

MSVOA\_V

ClientSampleId :

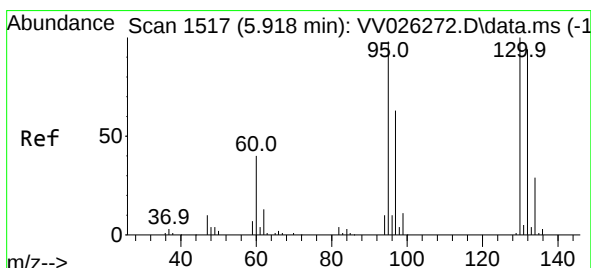
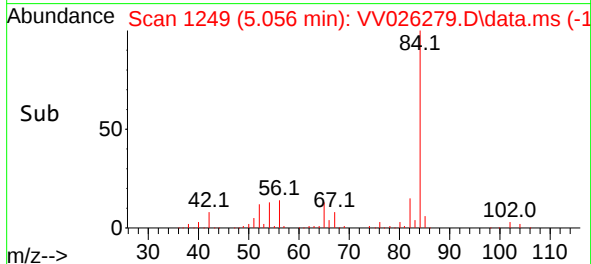
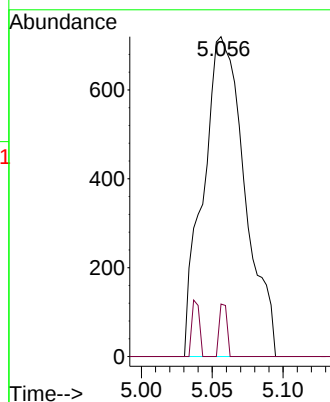
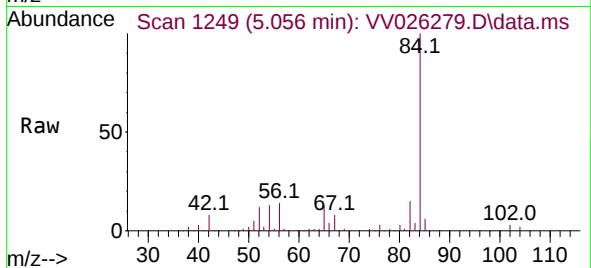
C0BC4

Tgt Ion: 62 Resp: 1475

Ion Ratio Lower Upper

62 100

98 16.4 8.6 13.0#



#34

Trichloroethene

Concen: 0.307 ug/L

RT: 5.927 min Scan# 1520

Delta R.T. 0.009 min

Lab File: VV026279.D

Acq: 15 Jun 2022 15:45

Tgt Ion: 95 Resp: 4067

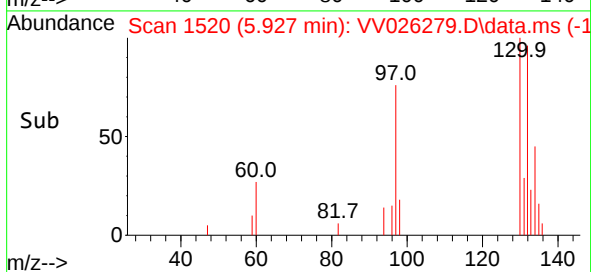
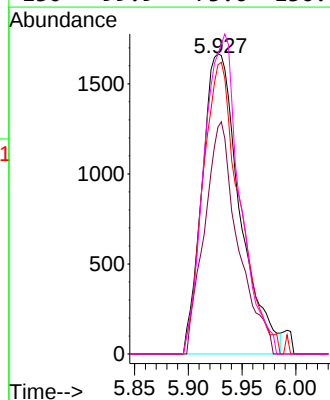
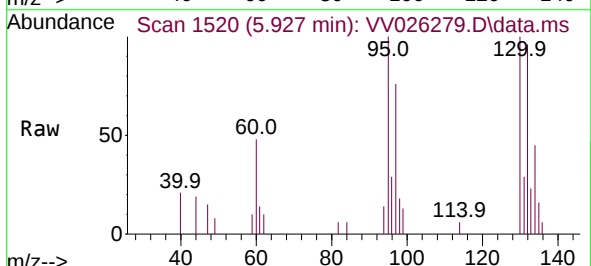
Ion Ratio Lower Upper

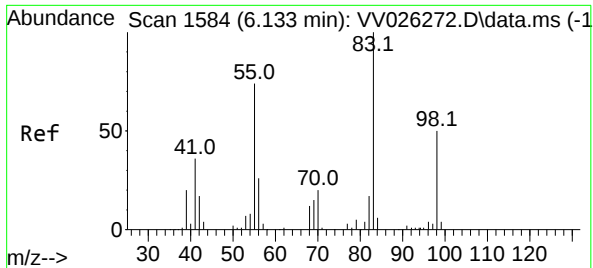
95 100

97 75.6 46.5 86.3

132 96.3 68.8 127.8

130 99.9 73.6 136.6

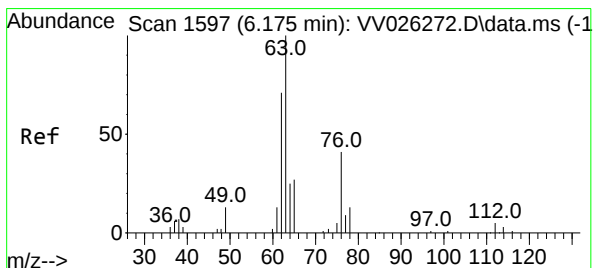
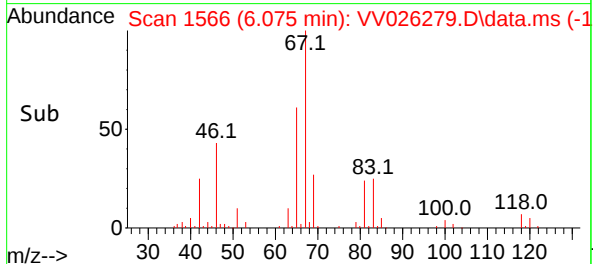
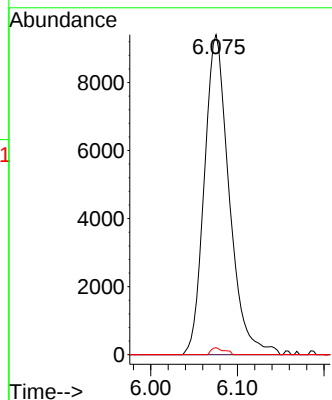
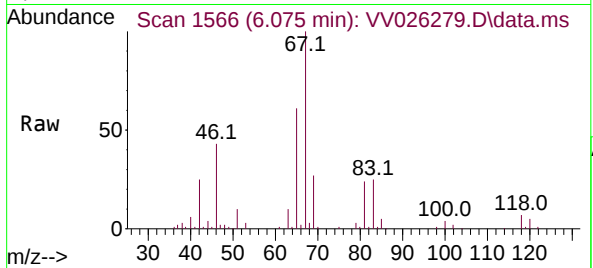




#35  
Methylcyclohexane  
Concen: 1.023 ug/L  
RT: 6.075 min Scan# 1566  
Delta R.T. -0.058 min  
Lab File: VV026279.D  
Acq: 15 Jun 2022 15:45

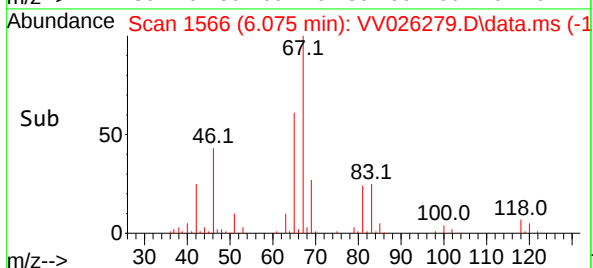
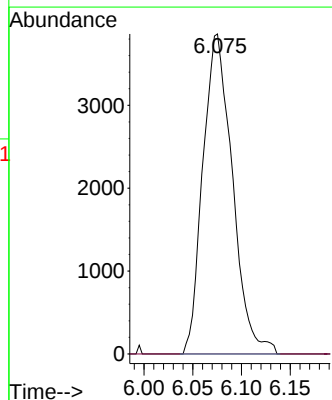
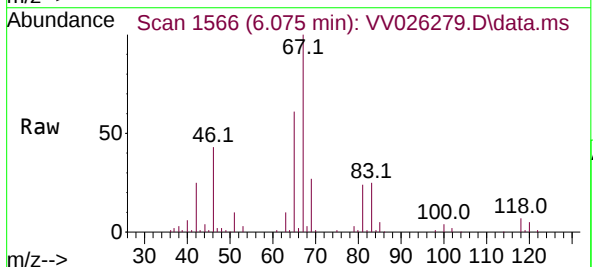
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MSVOA\_V  
ClientSampleId :  
C0BC4

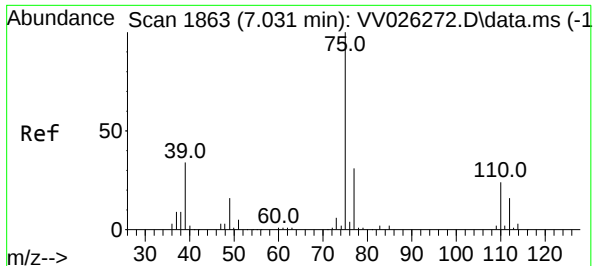
Tgt Ion: 83 Resp: 18755  
Ion Ratio Lower Upper  
83 100  
55 0.0 59.3 88.9#  
98 1.2 39.9 59.9#



#37  
1,2-Dichloropropane  
Concen: 0.642 ug/L  
RT: 6.075 min Scan# 1566  
Delta R.T. -0.100 min  
Lab File: VV026279.D  
Acq: 15 Jun 2022 15:45

Tgt Ion: 63 Resp: 8145  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026279.D

Acq: 15 Jun 2022 15:45

Instrument :

MSVOA\_V

ClientSampleId :

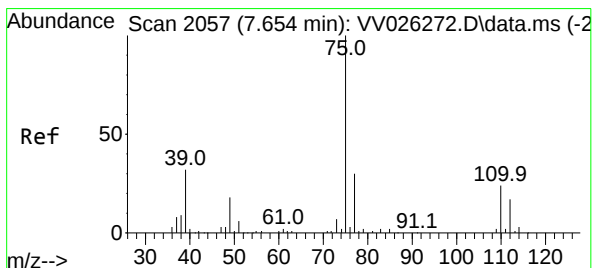
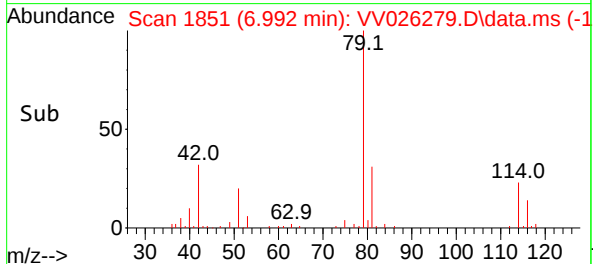
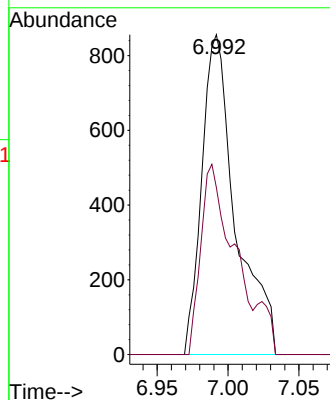
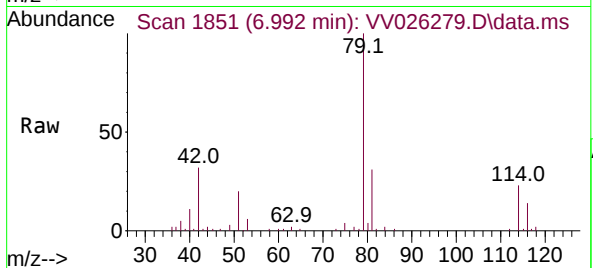
C0BC4

Tgt Ion: 75 Resp: 1423

Ion Ratio Lower Upper

75 100

77 52.2 23.0 42.6#



#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.029 min

Lab File: VV026279.D

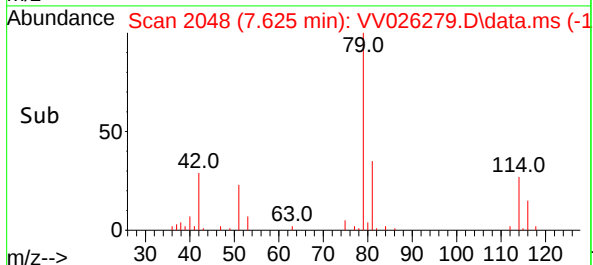
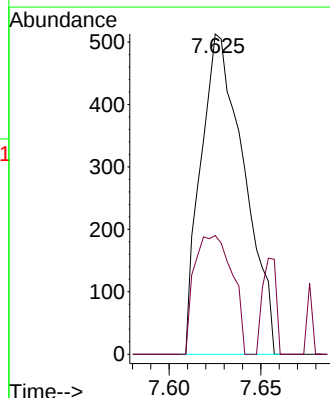
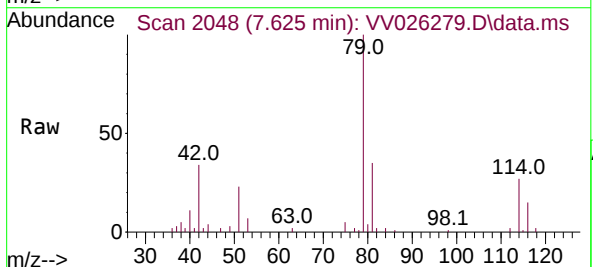
Acq: 15 Jun 2022 15:45

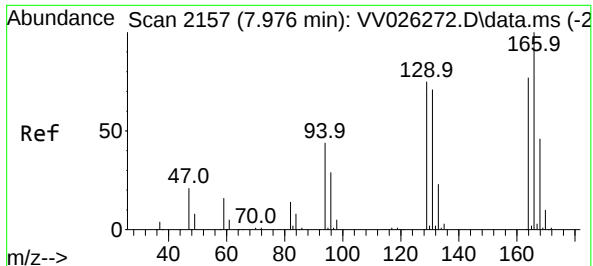
Tgt Ion: 75 Resp: 841

Ion Ratio Lower Upper

75 100

77 37.0 23.7 43.9





#47

Tetrachloroethene

Concen: 0.243 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV026279.D

Acq: 15 Jun 2022 15:45

Instrument :

MSVOA\_V

ClientSampleId :

C0BC4

Tgt Ion:164 Resp: 2389

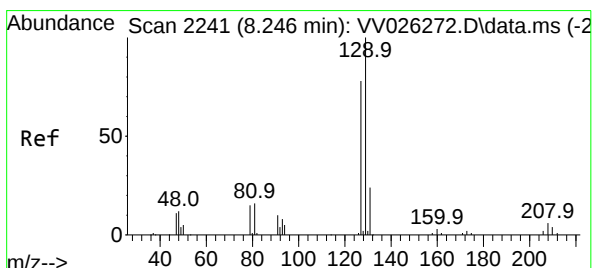
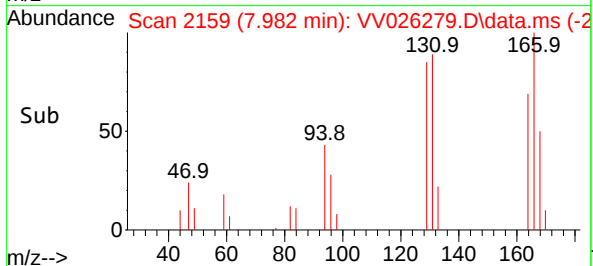
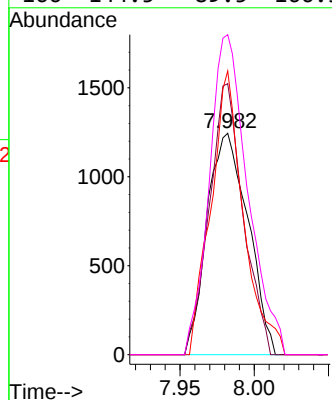
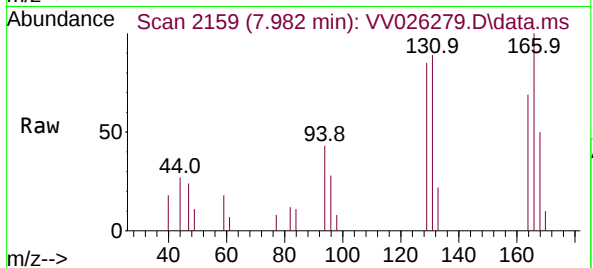
Ion Ratio Lower Upper

164 100

129 122.4 67.5 125.3

131 128.1 63.8 118.4#

166 144.5 89.5 166.3



#49

Dibromochloromethane

Concen: 0.262 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV026279.D

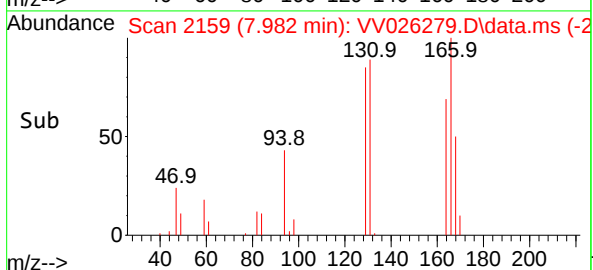
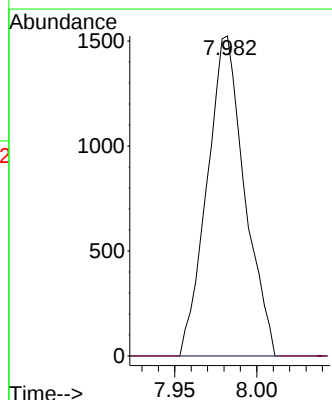
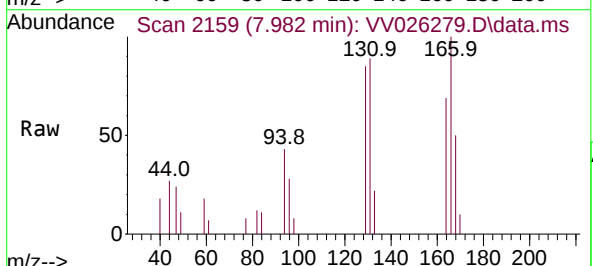
Acq: 15 Jun 2022 15:45

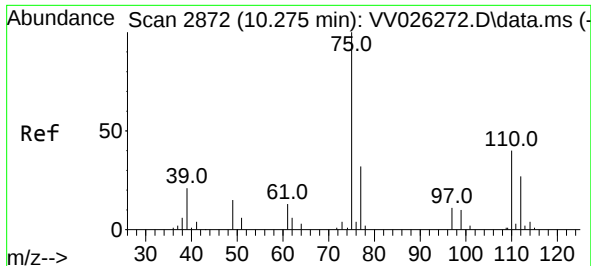
Tgt Ion:129 Resp: 2417

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#

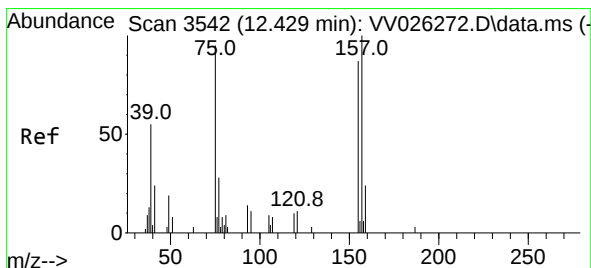
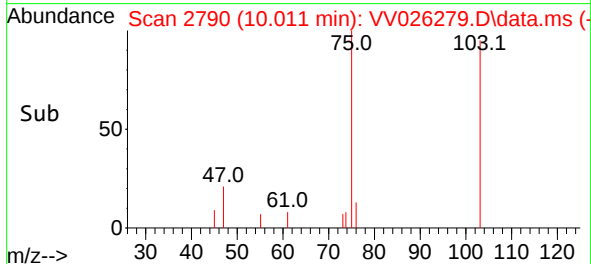
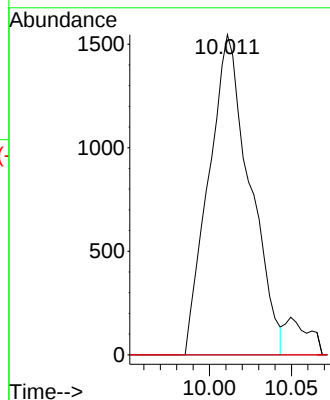
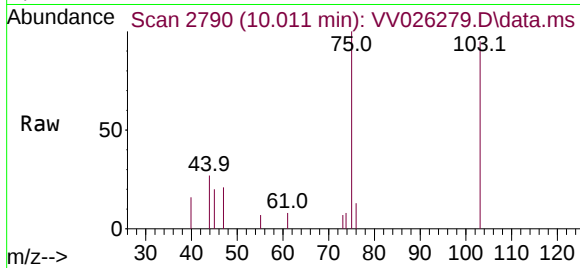




#61  
 1,2,3-Trichloropropane  
 Concen: 0.521 ug/L  
 RT: 10.011 min Scan# 21  
 Delta R.T. -0.264 min  
 Lab File: VV026279.D  
 Acq: 15 Jun 2022 15:45

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0BC4

Tgt Ion: 75 Resp: 2689  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 26.9 40.3#  
 110 0.0 30.7 46.1#



#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.124 ug/L  
 RT: 12.258 min Scan# 3489  
 Delta R.T. -0.171 min  
 Lab File: VV026279.D  
 Acq: 15 Jun 2022 15:45

Tgt Ion: 75 Resp: 113  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 63.7 95.5#  
 157 0.0 85.0 127.6#

