

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW072823\  
 Data File : VW031780.D  
 Acq On : 28 Jul 2023 11:59  
 Operator : SY/MD  
 Sample : 03805-01  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jul 28 22:40:14 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 28 22:38:33 2023  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.539   | 114   | 352397   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789   | 117   | 381749   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191  | 152   | 223900   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 126278   | 35.151   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 70.300%  |
| 7) Chloroethane-d5            | 1.529   | 69    | 128999   | 39.183   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 78.360%  |
| 11) 1,1-Dichloroethene-d2     | 2.060   | 65    | 59120    | 35.553   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 71.100%  |
| 21) 2-Butanone-d5             | 3.789   | 46    | 219618   | 88.347   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 88.350%  |
| 24) Chloroform-d              | 4.253   | 84    | 348468   | 47.180   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.360%  |
| 26) 1,2-Dichloroethane-d4     | 4.944   | 65    | 201865   | 43.926   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 87.860%  |
| 32) Benzene-d6                | 4.963   | 84    | 495773   | 41.012   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 82.020%  |
| 36) 1,2-Dichloropropane-d6    | 5.992   | 67    | 203634   | 44.845   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 89.680%  |
| 41) Toluene-d8                | 7.246   | 98    | 487366   | 48.099   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 96.200%  |
| 43) trans-1,3-Dichloroprop... | 7.555   | 79    | 87480    | 44.821   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 89.640%  |
| 47) 2-Hexanone-d5             | 8.030   | 63    | 177600   | 104.298  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 104.300% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156  | 84    | 295973   | 47.306   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 94.620%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.567  | 152   | 212693   | 46.918   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 93.840%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.217   | 50    | 6443     | 1.555    | ug/L   | 98       |
| 6) Bromomethane               | 1.484   | 94    | 98127    | 33.930   | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 1.712   | 101   | 567452   | 80.224   | ug/L   | 100      |
| 12) 1,1-Dichloroethene        | 2.069   | 96    | 177352   | 52.225   | ug/L   | 88       |
| 13) Acetone                   | 2.111   | 43    | 350006   | 147.099  | ug/L   | 99       |
| 16) Methylene chloride        | 2.446   | 84    | 147297   | 38.608   | ug/L   | 98       |
| 18) Methyl tert-butyl Ether   | 2.709   | 73    | 400885   | 40.339   | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 3.111   | 63    | 647916   | 92.653   | ug/L   | 99       |
| 25) Chloroform                | 4.278   | 83    | 647509   | 87.415   | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 5.040   | 62    | 604467   | 109.722  | ug/L   | 99       |
| 30) 1,1,1-Trichloroethane     | 4.519   | 97    | 4989     | 0.761    | ug/L # | 73       |
| 31) Carbon tetrachloride      | 4.738   | 117   | 206300   | 36.030   | ug/L   | 100      |
| 33) Benzene                   | 5.015   | 78    | 340893   | 25.388   | ug/L   | 100      |
| 34) Trichloroethene           | 5.838   | 95    | 47176    | 11.134   | ug/L   | 90       |
| 38) Bromodichloromethane      | 6.439   | 83    | 66764    | 11.734   | ug/L   | 96       |
| 39) cis-1,3-Dichloropropene   | 6.957   | 75    | 223034   | 39.387   | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 7.162   | 43    | 549754   | 108.217  | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 7.584   | 75    | 676130   | 119.649  | ug/L   | 100      |
| 45) 1,1,2-Trichloroethane     | 7.773   | 97    | 120398   | 29.914   | ug/L   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072823\  
 Data File : VV031780.D  
 Acq On : 28 Jul 2023 11:59  
 Operator : SY/MD  
 Sample : 03805-01  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

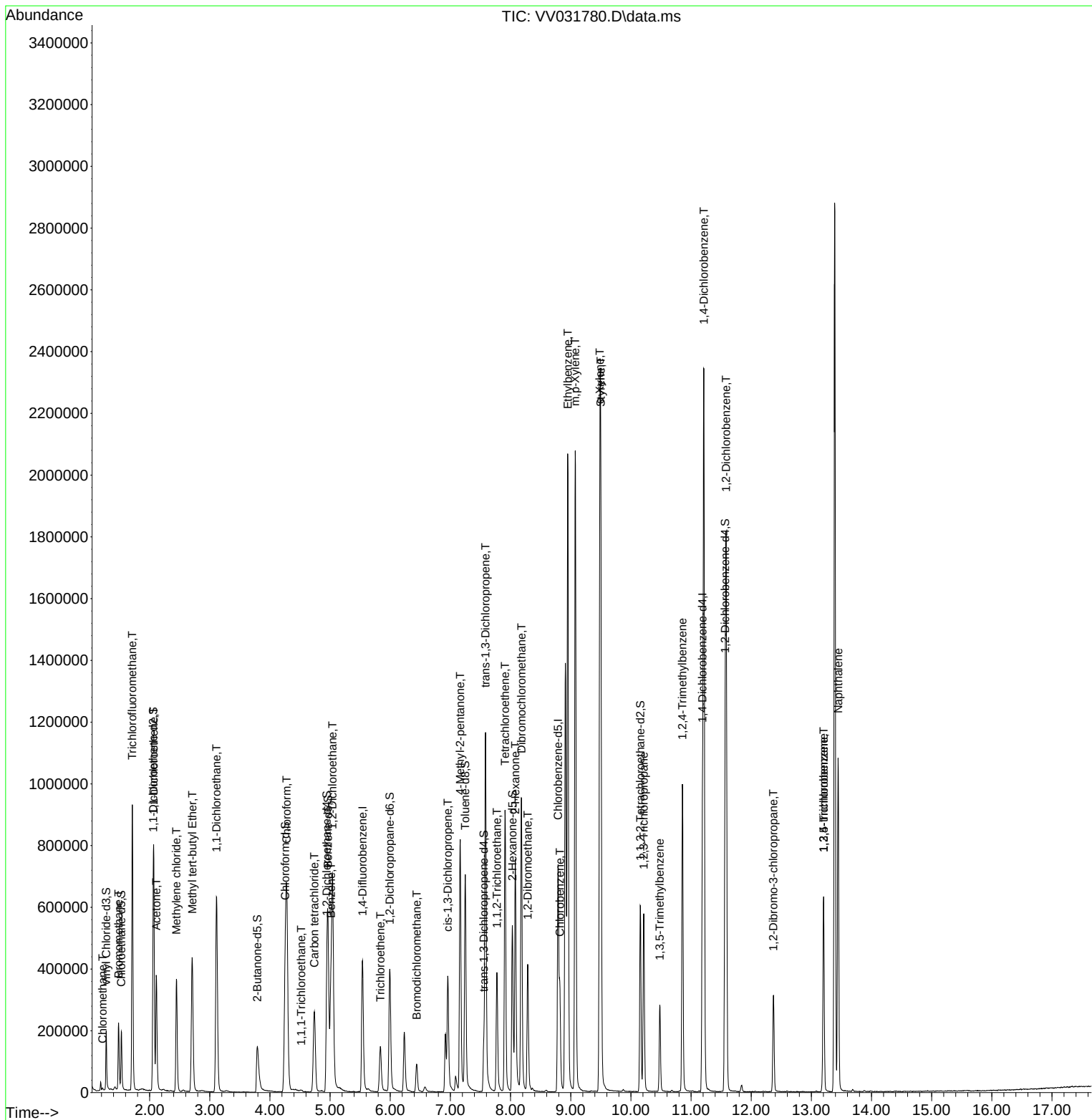
Instrument :  
 MSVOA\_V  
 ClientSampleId :

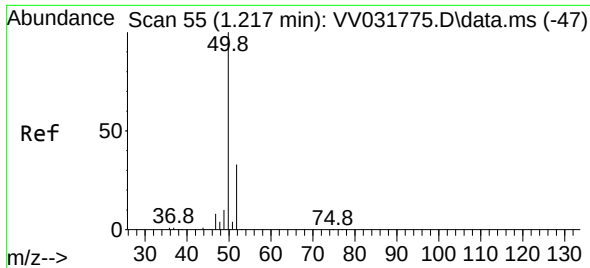
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 28 22:38:33 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 46) Tetrachloroethene         | 7.908  | 164  | 204746   | 76.476  | ug/L  | 96       |
| 48) 2-Hexanone                | 8.079  | 43   | 466328   | 115.082 | ug/L  | 96       |
| 49) Dibromochloromethane      | 8.182  | 129  | 497950   | 117.241 | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.284  | 107  | 269045   | 63.452  | ug/L  | 100      |
| 51) Chlorobenzene             | 8.818  | 112  | 172623   | 18.734  | ug/L  | 98       |
| 52) Ethylbenzene              | 8.950  | 91   | 1346520  | 90.103  | ug/L  | 98       |
| 53) m,p-Xylene                | 9.075  | 106  | 549298   | 101.926 | ug/L  | 95       |
| 54) o-Xylene                  | 9.484  | 106  | 394102   | 76.301  | ug/L  | 97       |
| 55) Styrene                   | 9.500  | 104  | 774835   | 82.122  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.214 | 75   | 239369   | 45.578  | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 10.481 | 105  | 146479   | 12.956  | ug/L  | 96       |
| 63) 1,2,4-Trimethylbenzene    | 10.857 | 105  | 519175   | 45.361  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.214 | 146  | 863374   | 111.189 | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.583 | 146  | 637825   | 84.807  | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.368 | 75   | 85084    | 58.248  | ug/L  | 98       |
| 69) 1,3,5-Trichlorobenzene    | 13.204 | 180  | 179219   | 33.641  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.204 | 180  | 179219   | 37.602  | ug/L  | 99       |
| 71) Naphthalene               | 13.445 | 128  | 789548   | 57.469  | ug/L  | 100      |

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

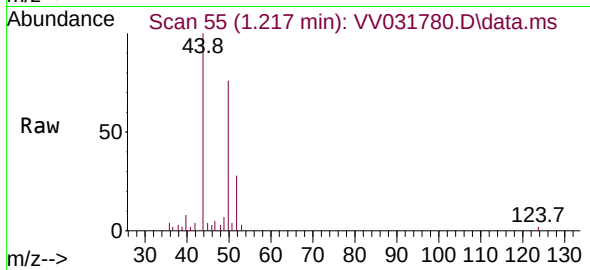
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Quant Title : VOC Analysis  
QLast Update : Fri Jul 28 22:38:33 2023  
Response via : Initial Calibration



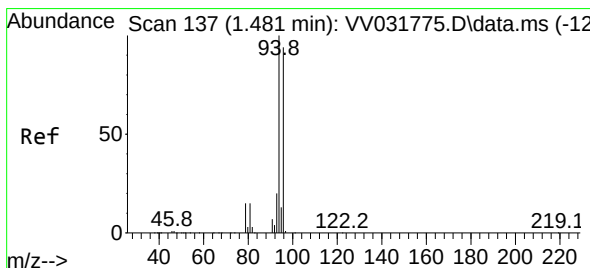
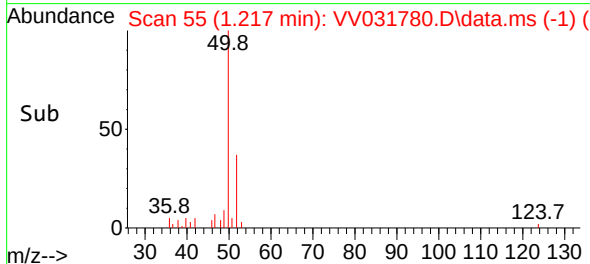
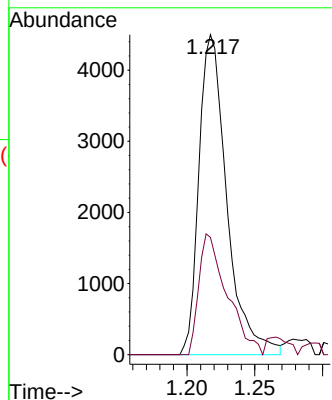


#3  
Chloromethane  
Concen: 1.555 ug/L  
RT: 1.217 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VV031780.D  
Acq: 28 Jul 2023 11:59

Instrument :  
MSVOA\_V  
ClientSampleId :

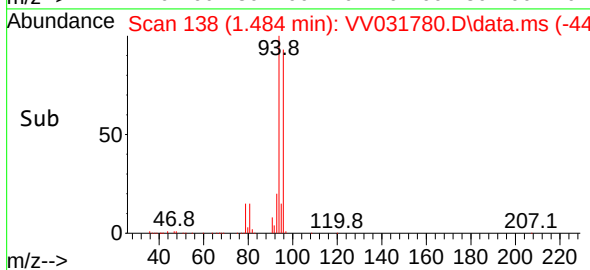
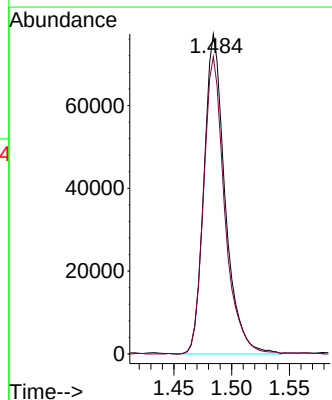
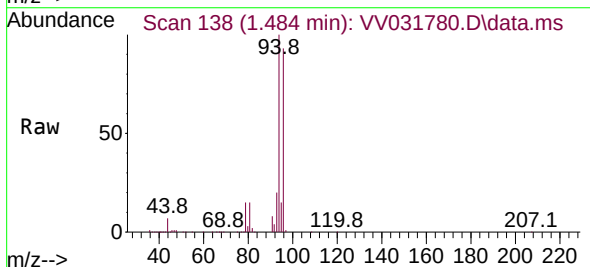


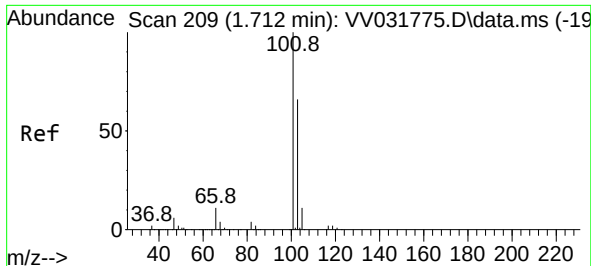
Tgt Ion: 50 Resp: 6443  
Ion Ratio Lower Upper  
50 100  
52 34.9 23.7 44.1



#6  
Bromomethane  
Concen: 33.930 ug/L  
RT: 1.484 min Scan# 138  
Delta R.T. 0.003 min  
Lab File: VV031780.D  
Acq: 28 Jul 2023 11:59

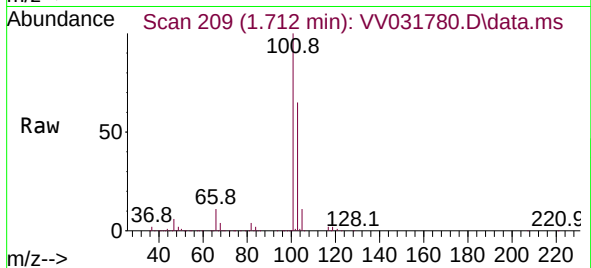
Tgt Ion: 94 Resp: 98127  
Ion Ratio Lower Upper  
94 100  
96 92.9 65.7 121.9



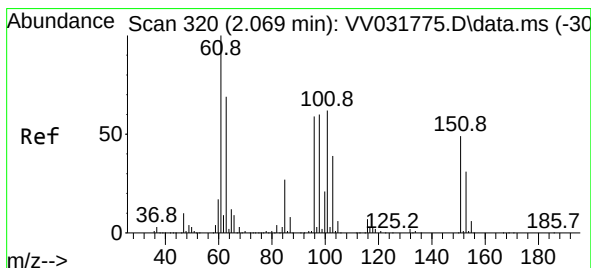
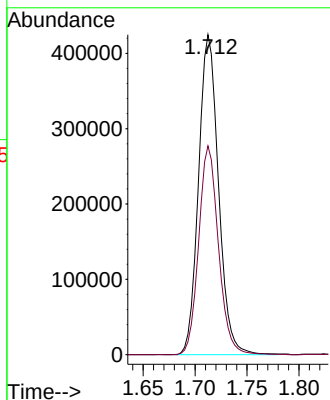
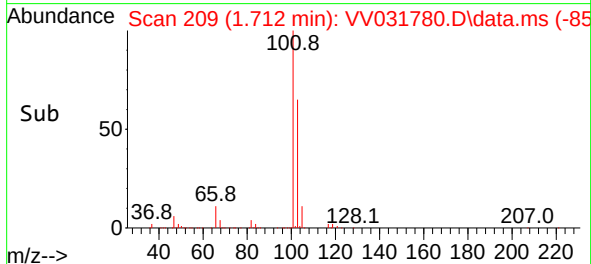


#9  
Trichlorofluoromethane  
Concen: 80.224 ug/L  
RT: 1.712 min Scan# 209  
Delta R.T. -0.000 min  
Lab File: VV031780.D  
Acq: 28 Jul 2023 11:59

Instrument :  
MSVOA\_V  
ClientSampleId :

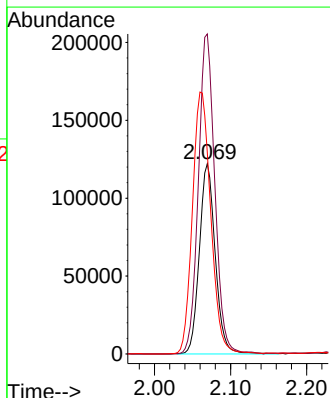
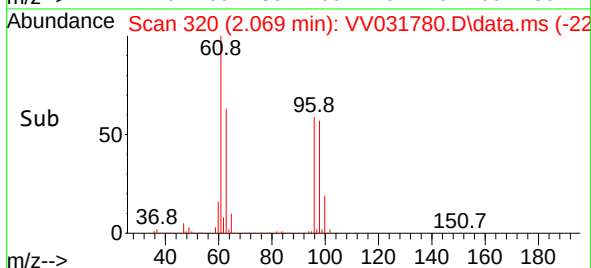
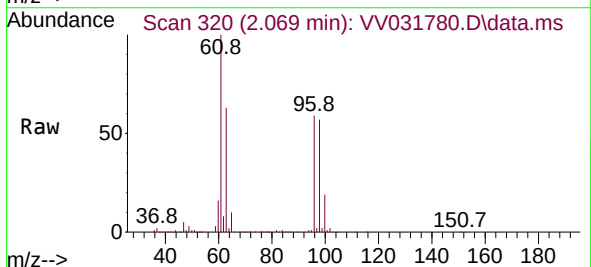


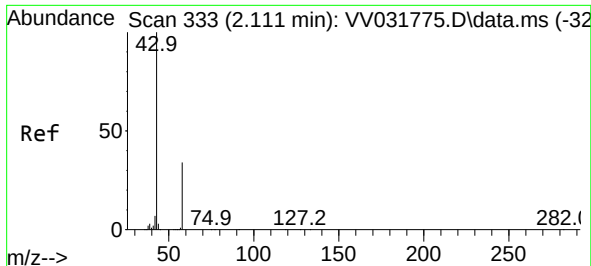
Tgt Ion:101 Resp: 567452  
Ion Ratio Lower Upper  
101 100  
103 64.5 51.7 77.5



#12  
1,1-Dichloroethene  
Concen: 52.225 ug/L  
RT: 2.069 min Scan# 320  
Delta R.T. -0.000 min  
Lab File: VV031780.D  
Acq: 28 Jul 2023 11:59

Tgt Ion: 96 Resp: 177352  
Ion Ratio Lower Upper  
96 100  
61 168.2 118.3 219.7  
63 105.8 96.8 179.8

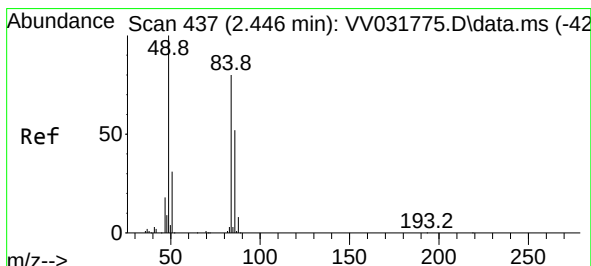
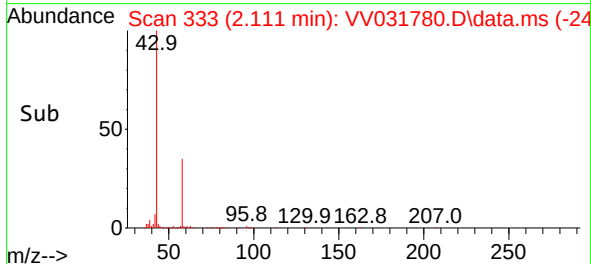
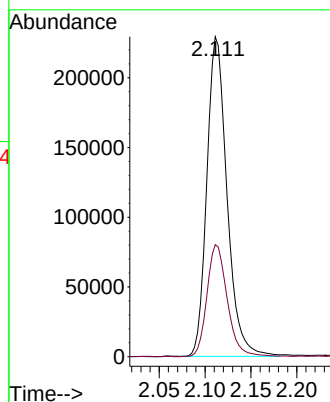
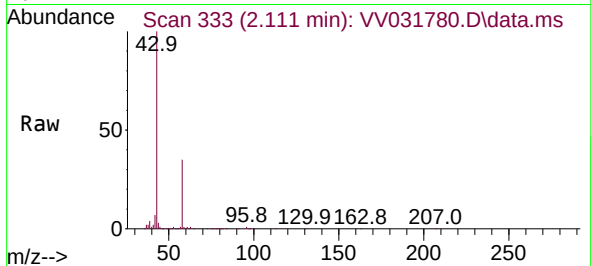




#13  
Acetone  
Concen: 147.099 ug/L  
RT: 2.111 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VV031780.D  
Acq: 28 Jul 2023 11:59

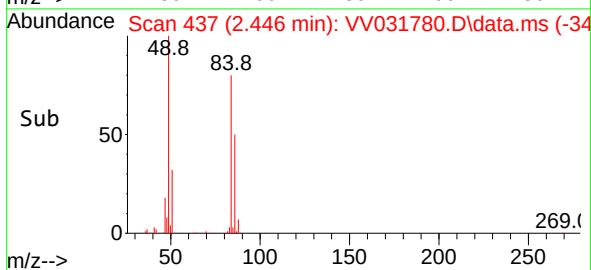
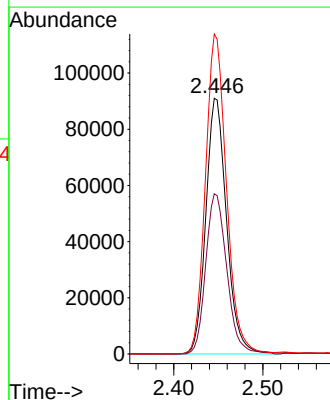
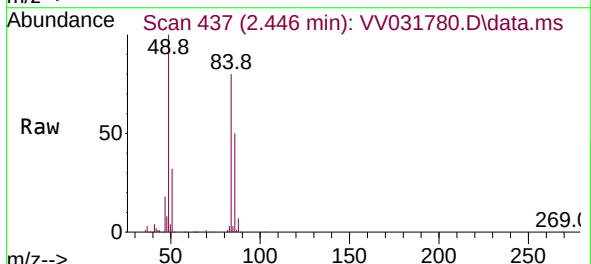
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MSVOA\_V  
ClientSampleId :

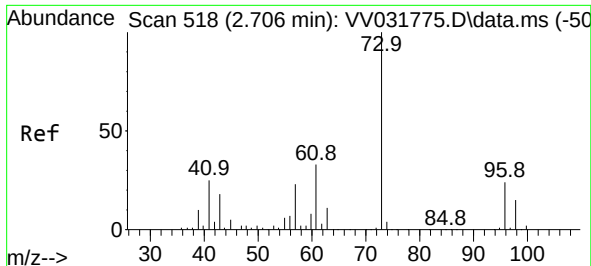
Tgt Ion: 43 Resp: 350006  
Ion Ratio Lower Upper  
43 100  
58 35.4 0.0 72.0



#16  
Methylene chloride  
Concen: 38.608 ug/L  
RT: 2.446 min Scan# 437  
Delta R.T. -0.000 min  
Lab File: VV031780.D  
Acq: 28 Jul 2023 11:59

Tgt Ion: 84 Resp: 147297  
Ion Ratio Lower Upper  
84 100  
86 62.6 44.5 82.7  
49 125.2 85.3 158.5

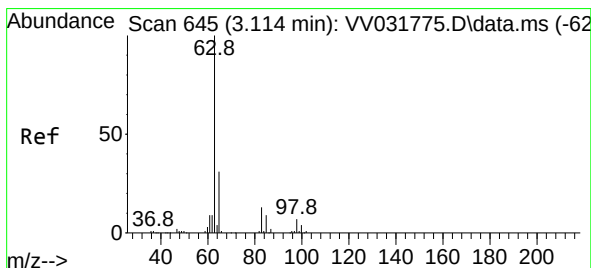
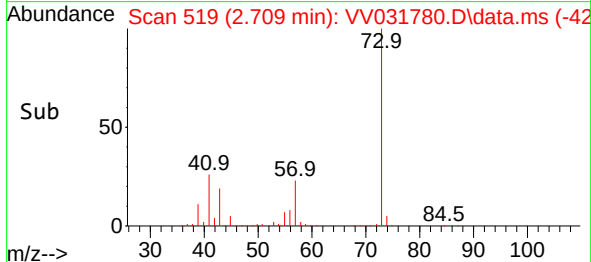
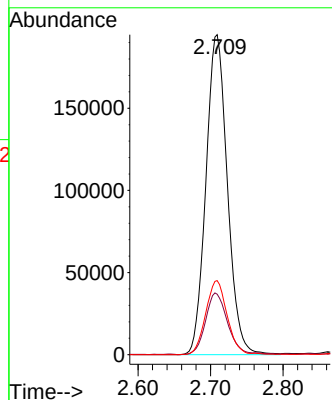
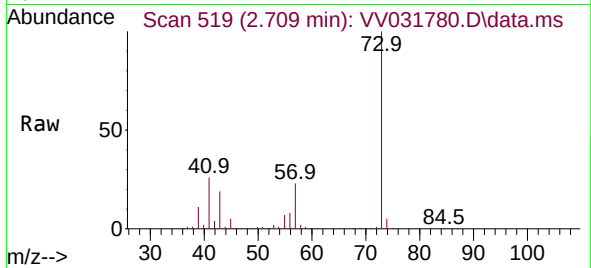




#18  
Methyl tert-butyl Ether  
Concen: 40.339 ug/L  
RT: 2.709 min Scan# 518  
Delta R.T. 0.003 min  
Lab File: VV031780.D  
Acq: 28 Jul 2023 11:59

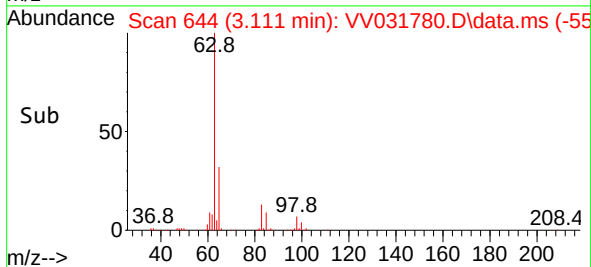
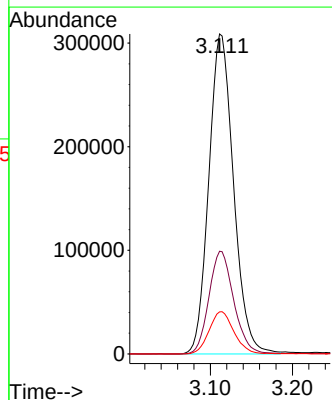
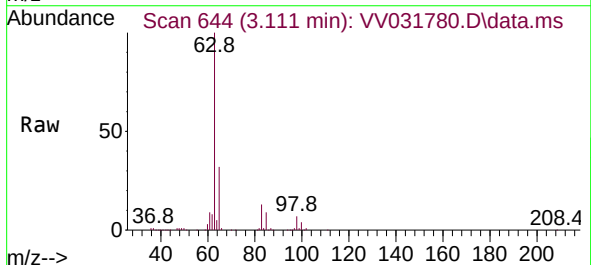
Instrument :  
MSVOA\_V  
ClientSampleId :

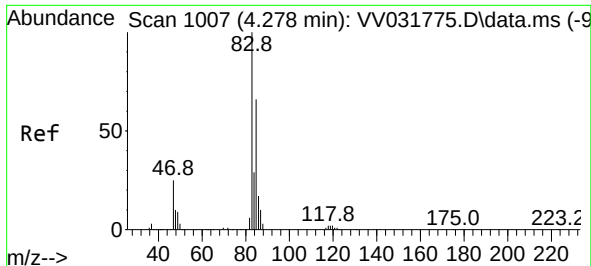
Tgt Ion: 73 Resp: 400885  
Ion Ratio Lower Upper  
73 100  
43 19.7 15.0 22.4  
57 23.0 18.3 27.5



#19  
1,1-Dichloroethane  
Concen: 92.653 ug/L  
RT: 3.111 min Scan# 644  
Delta R.T. -0.003 min  
Lab File: VV031780.D  
Acq: 28 Jul 2023 11:59

Tgt Ion: 63 Resp: 647916  
Ion Ratio Lower Upper  
63 100  
65 32.1 22.3 41.5  
83 13.9 10.6 19.6

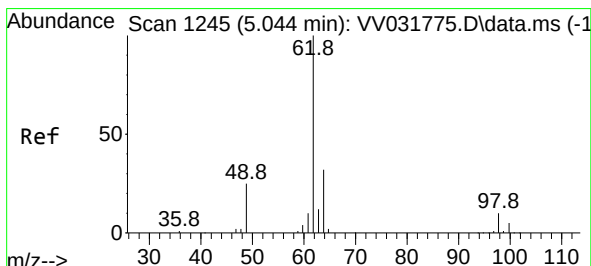
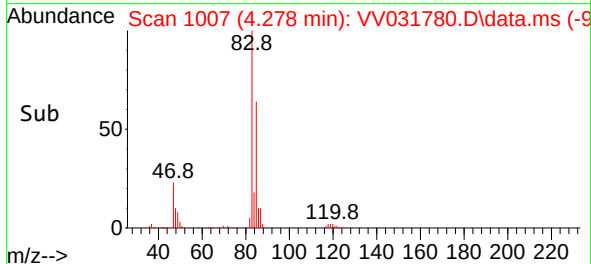
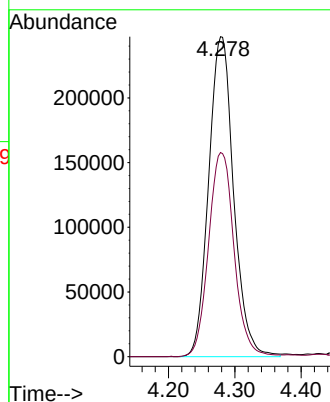
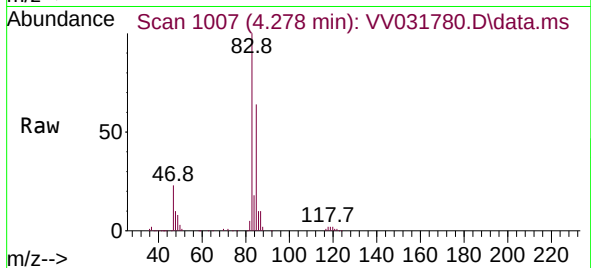




#25  
Chloroform  
Concen: 87.415 ug/L  
RT: 4.278 min Scan# 1007  
Delta R.T. -0.000 min  
Lab File: VV031780.D  
Acq: 28 Jul 2023 11:59

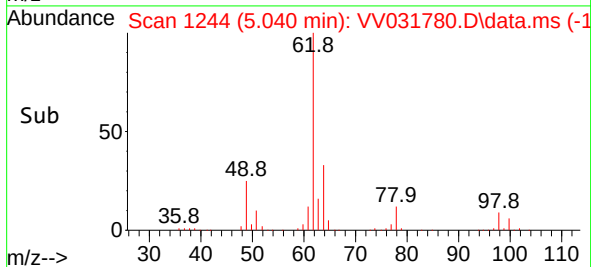
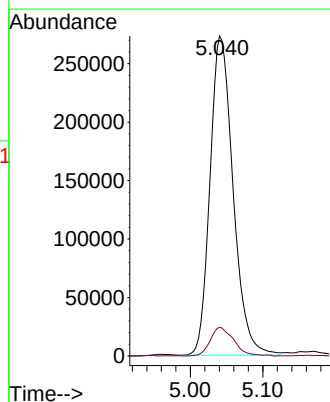
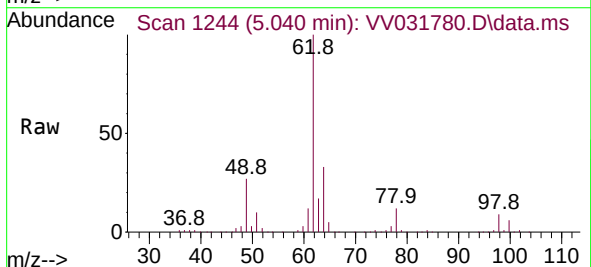
Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 83 Resp: 647509  
Ion Ratio Lower Upper  
83 100  
85 63.8 45.1 83.9

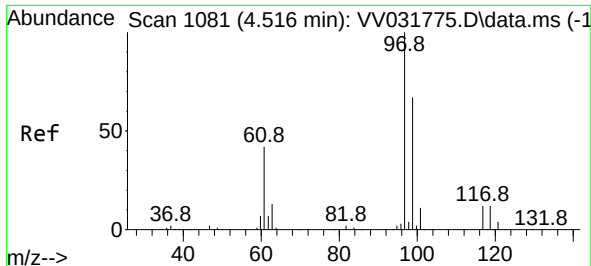


#27  
1,2-Dichloroethane  
Concen: 109.722 ug/L  
RT: 5.040 min Scan# 1244  
Delta R.T. -0.003 min  
Lab File: VV031780.D  
Acq: 28 Jul 2023 11:59

Tgt Ion: 62 Resp: 604467  
Ion Ratio Lower Upper  
62 100  
98 9.0 7.5 11.3







#30

1,1,1-Trichloroethane

Concen: 0.761 ug/L

RT: 4.519 min Scan# 1081

Delta R.T. 0.003 min

Lab File: VV031780.D

Acq: 28 Jul 2023 11:59

Instrument :

MSVOA\_V

ClientSampleId :

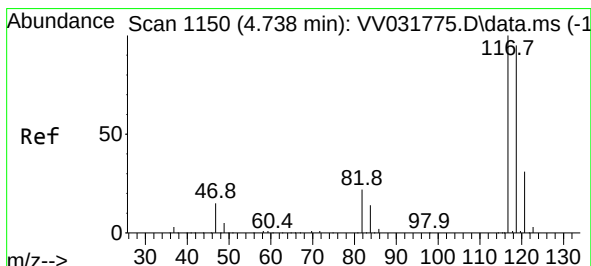
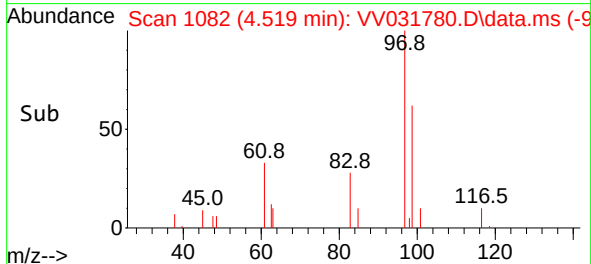
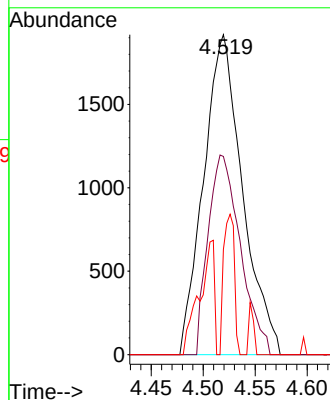
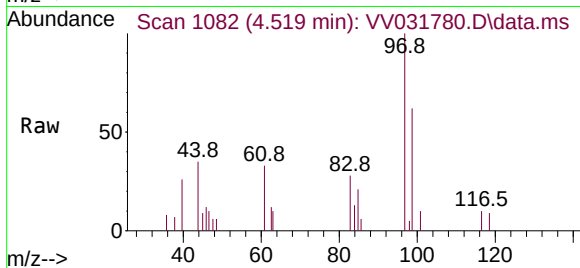
Tgt Ion: 97 Resp: 4989

Ion Ratio Lower Upper

97 100

99 51.8 51.5 77.3

61 12.2 32.2 48.2#



#31

Carbon tetrachloride

Concen: 36.030 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. -0.000 min

Lab File: VV031780.D

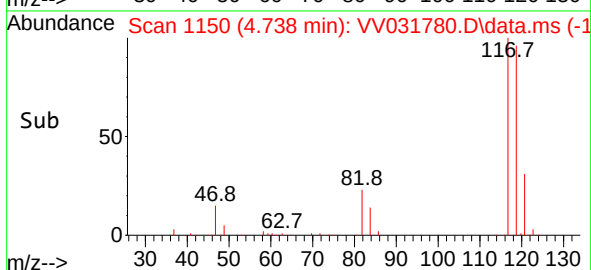
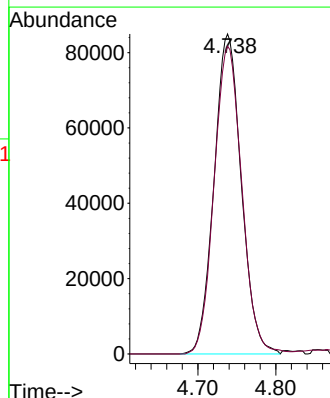
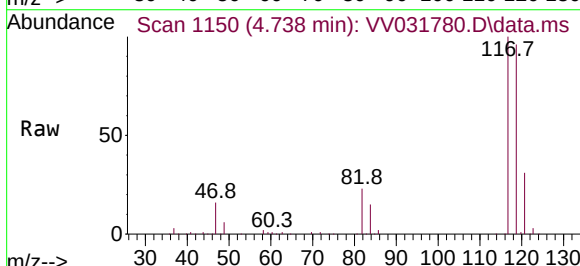
Acq: 28 Jul 2023 11:59

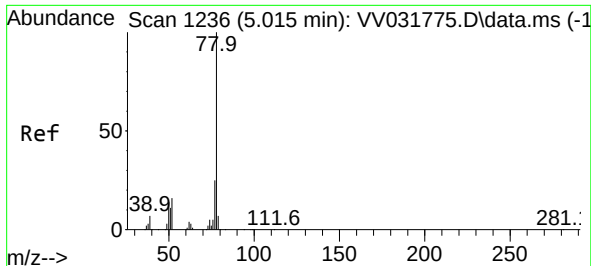
Tgt Ion: 117 Resp: 206300

Ion Ratio Lower Upper

117 100

119 97.8 78.0 117.0

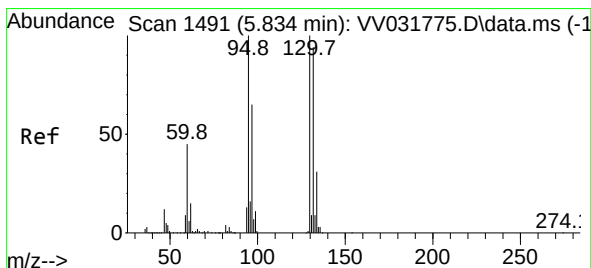
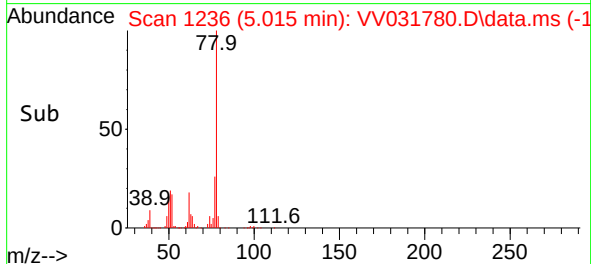
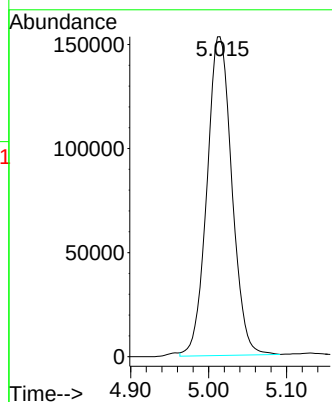
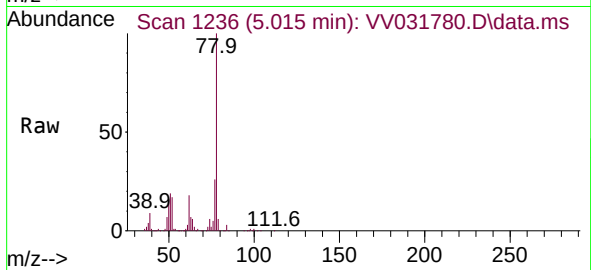




#33  
Benzene  
Concen: 25.388 ug/L  
RT: 5.015 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VV031780.D  
Acq: 28 Jul 2023 11:59

Instrument :  
MSVOA\_V  
ClientSampleId :

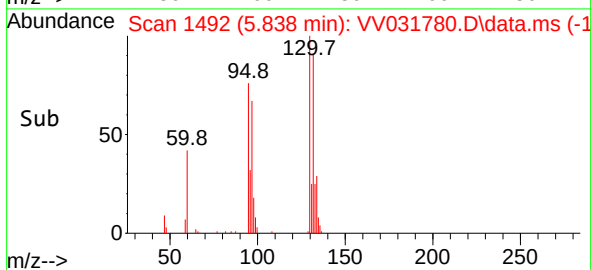
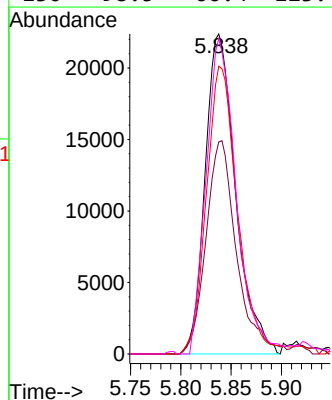
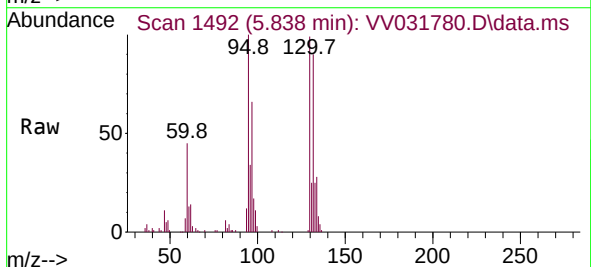
Tgt Ion: 78 Resp: 340893

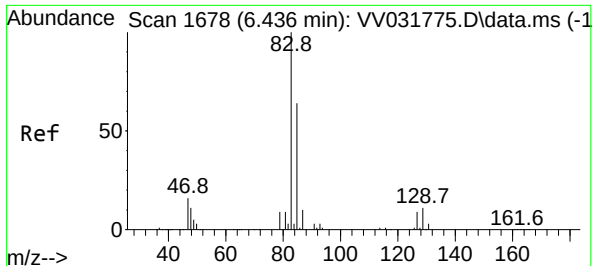


#34  
Trichloroethene  
Concen: 11.134 ug/L  
RT: 5.838 min Scan# 1492  
Delta R.T. 0.003 min  
Lab File: VV031780.D  
Acq: 28 Jul 2023 11:59

Tgt Ion: 95 Resp: 47176

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 66.2  | 47.0  | 87.2  |
| 132 | 114.8 | 64.8  | 120.4 |
| 130 | 98.5  | 66.4  | 123.4 |





#38

Bromodichloromethane

Concen: 11.734 ug/L

RT: 6.439 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV031780.D

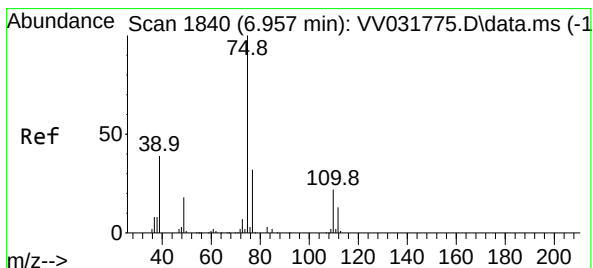
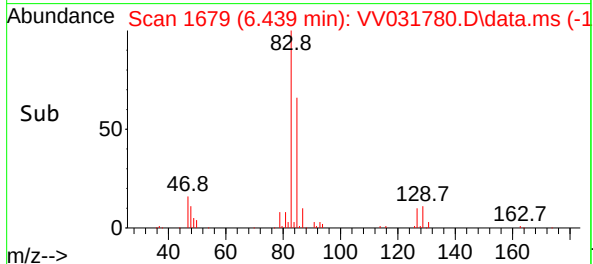
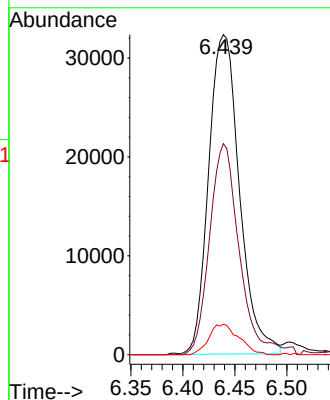
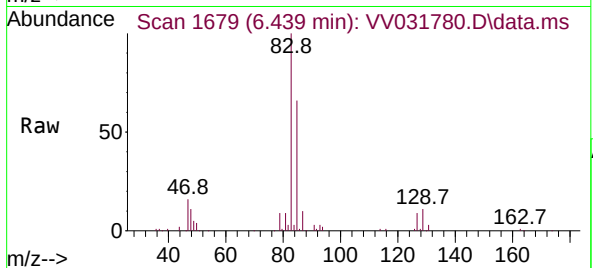
Acq: 28 Jul 2023 11:59

Instrument :

MSVOA\_V

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 66764 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 66.8     | 44.2 82.0   |
| 127 9.5     | 7.8 11.6    |



#39

cis-1,3-Dichloropropene

Concen: 39.387 ug/L

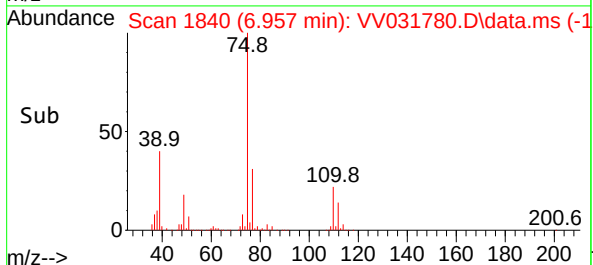
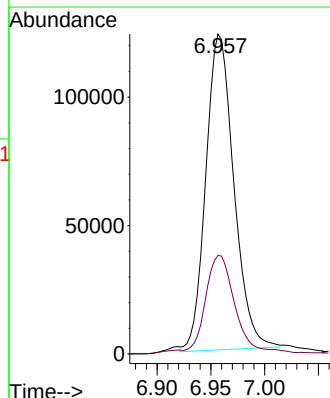
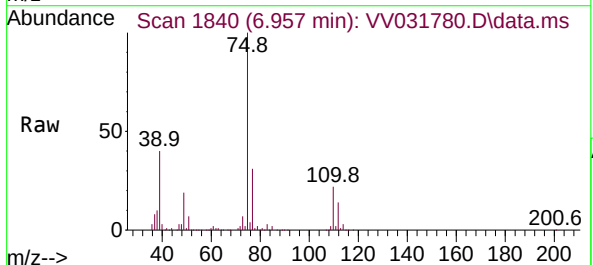
RT: 6.957 min Scan# 1840

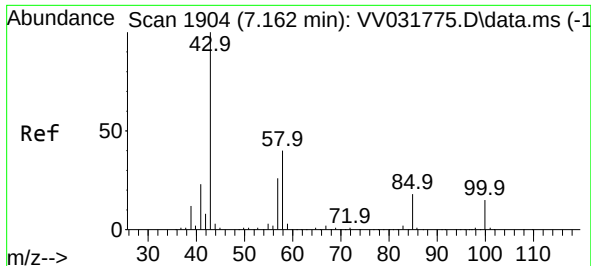
Delta R.T. -0.000 min

Lab File: VV031780.D

Acq: 28 Jul 2023 11:59

|             |              |
|-------------|--------------|
| Tgt Ion: 75 | Resp: 223034 |
| Ion Ratio   | Lower Upper  |
| 75 100      |              |
| 77 30.8     | 22.1 41.1    |





#40

4-Methyl-2-pentanone

Concen: 108.217 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VV031780.D

Acq: 28 Jul 2023 11:59

Instrument :

MSVOA\_V

ClientSampleId :

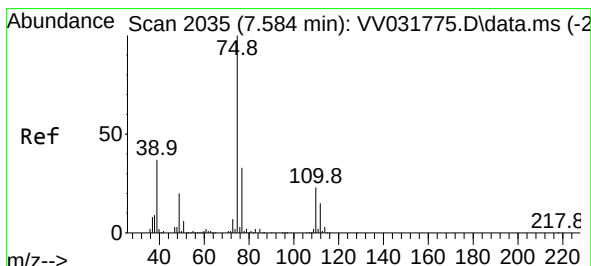
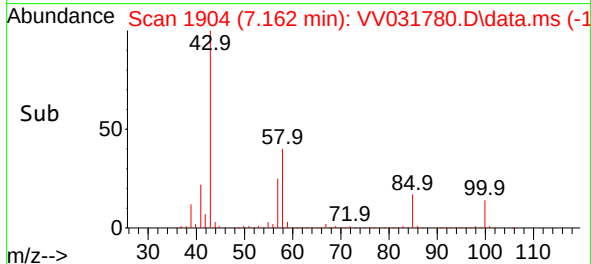
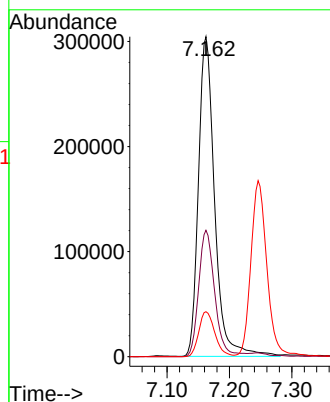
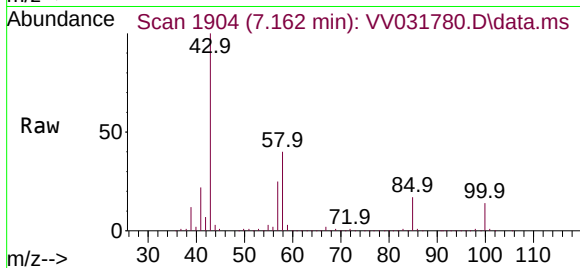
Tgt Ion: 43 Resp: 549754

Ion Ratio Lower Upper

43 100

58 38.9 32.1 48.1

100 14.0 12.1 18.1



#44

trans-1,3-Dichloropropene

Concen: 119.649 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV031780.D

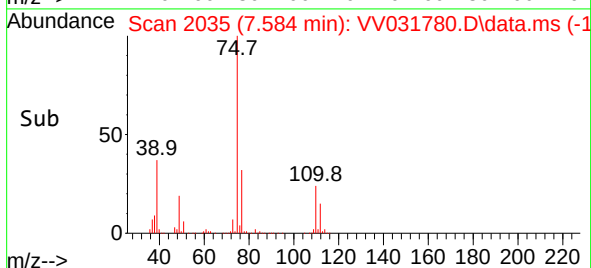
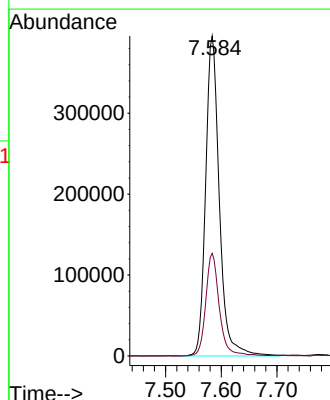
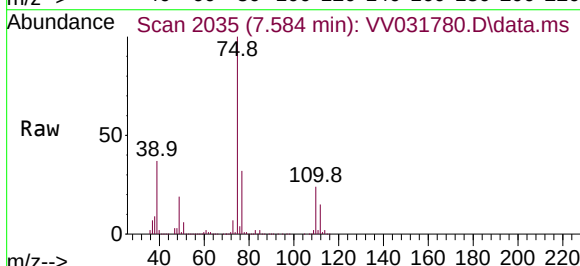
Acq: 28 Jul 2023 11:59

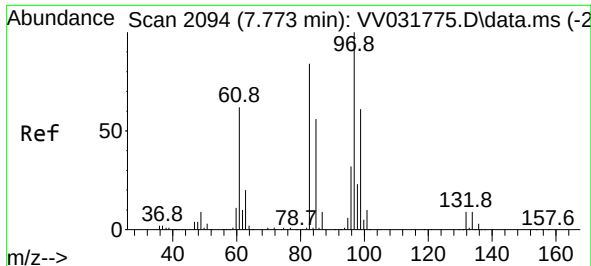
Tgt Ion: 75 Resp: 676130

Ion Ratio Lower Upper

75 100

77 32.1 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 29.914 ug/L

RT: 7.773 min Scan# 2094

Delta R.T. -0.000 min

Lab File: VV031780.D

Acq: 28 Jul 2023 11:59

Instrument :

MSVOA\_V

ClientSampleId :

Tgt Ion: 97 Resp: 120398

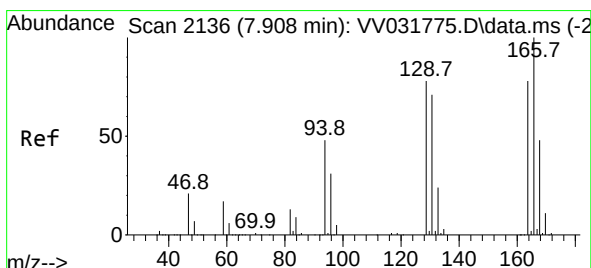
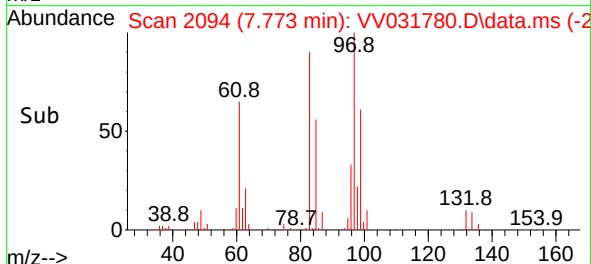
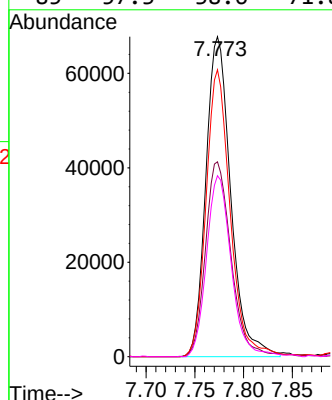
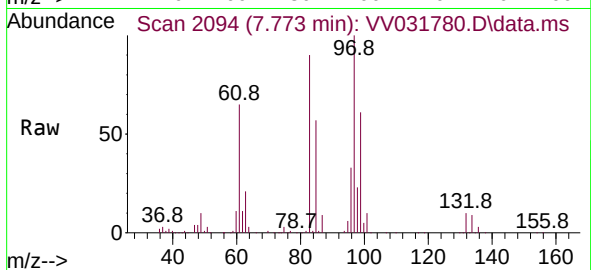
Ion Ratio Lower Upper

97 100

99 60.9 45.2 84.0

83 89.6 59.5 110.5

85 57.3 38.6 71.8



#46

Tetrachloroethene

Concen: 76.476 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VV031780.D

Acq: 28 Jul 2023 11:59

Tgt Ion:164 Resp: 204746

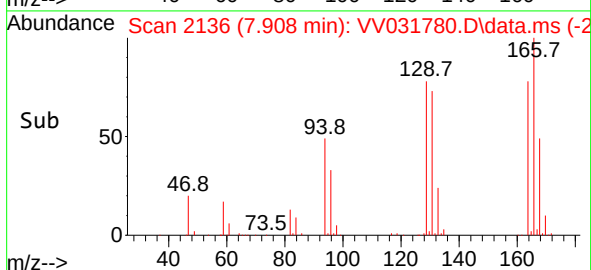
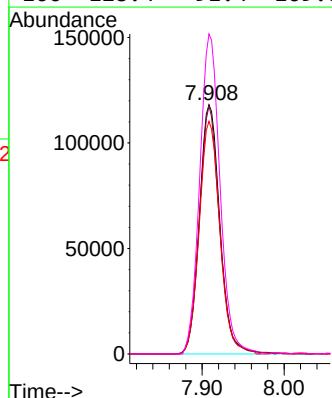
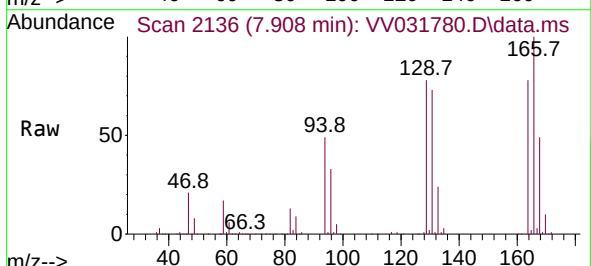
Ion Ratio Lower Upper

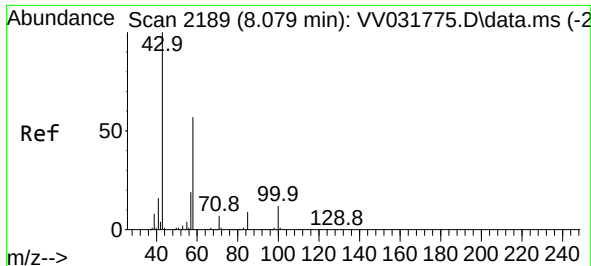
164 100

129 102.1 65.2 121.0

131 95.2 67.1 124.7

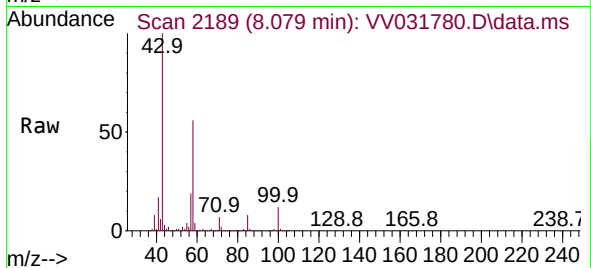
166 128.4 91.4 169.8





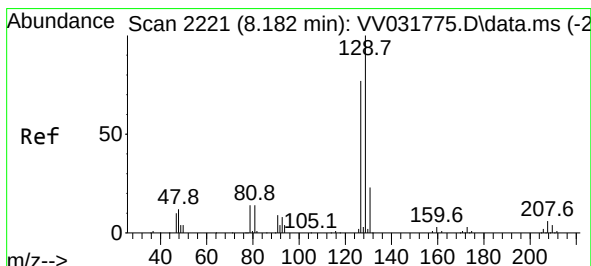
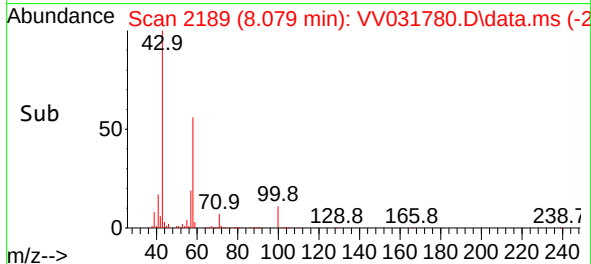
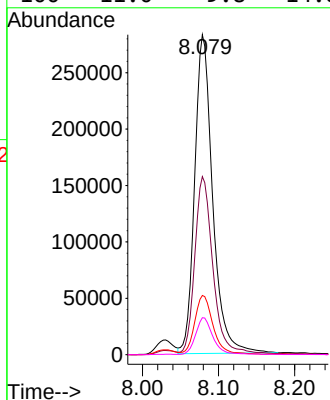
#48  
2-Hexanone  
Concen: 115.082 ug/L  
RT: 8.079 min Scan# 2189  
Delta R.T. -0.000 min  
Lab File: VV031780.D  
Acq: 28 Jul 2023 11:59

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion: 43 Resp: 466328

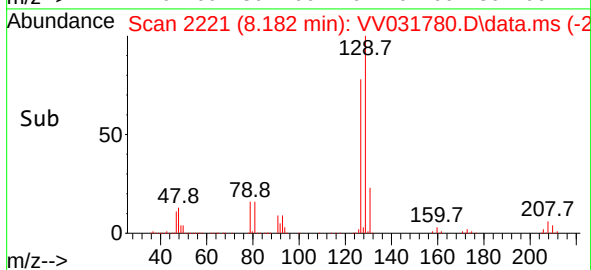
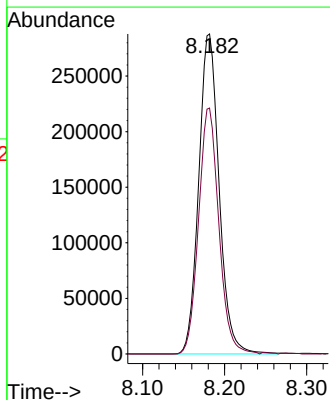
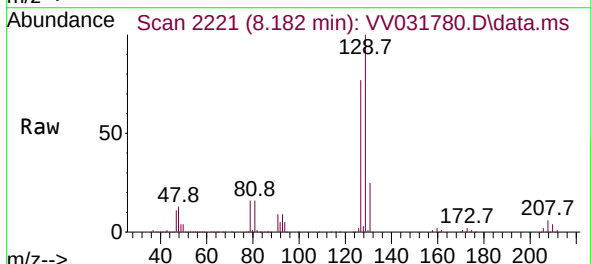
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 54.7  | 46.3  | 69.5  |
| 57  | 18.8  | 16.8  | 25.2  |
| 100 | 11.0  | 9.8   | 14.8  |

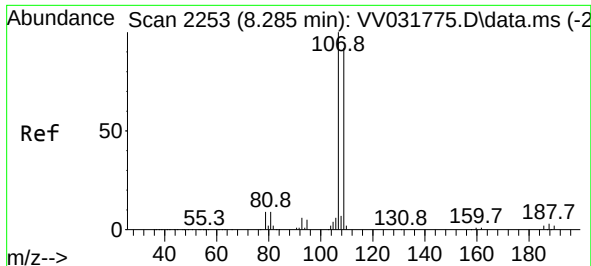


#49  
Dibromochloromethane  
Concen: 117.241 ug/L  
RT: 8.182 min Scan# 2221  
Delta R.T. -0.000 min  
Lab File: VV031780.D  
Acq: 28 Jul 2023 11:59

Tgt Ion: 129 Resp: 497950

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 76.8  | 55.2  | 102.6 |





#50

1,2-Dibromoethane

Concen: 63.452 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV031780.D

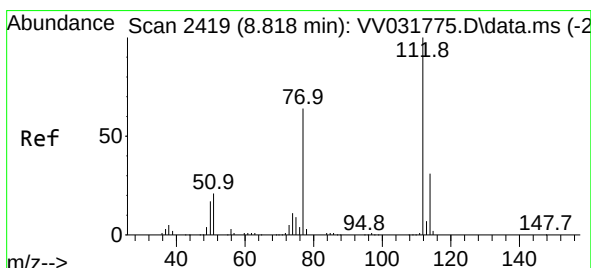
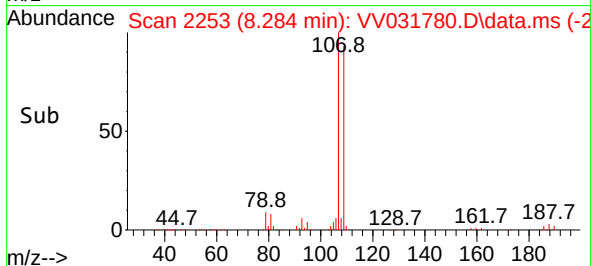
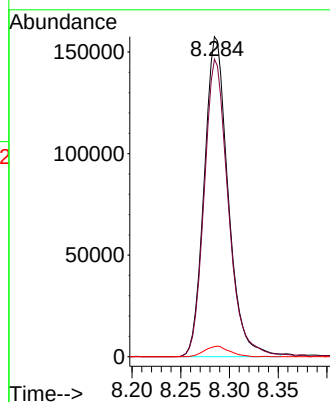
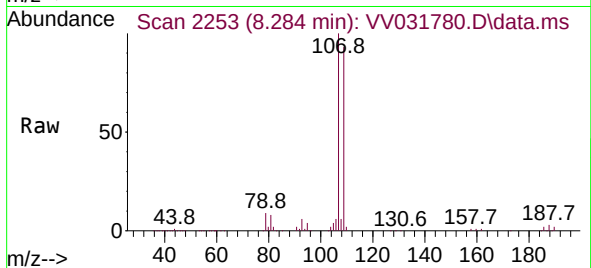
Acq: 28 Jul 2023 11:59

Instrument :

MSVOA\_V

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 269045 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 109      | 93.0  | 65.4  | 121.4  |
| 188      | 3.3   | 2.8   | 4.2    |



#51

Chlorobenzene

Concen: 18.734 ug/L

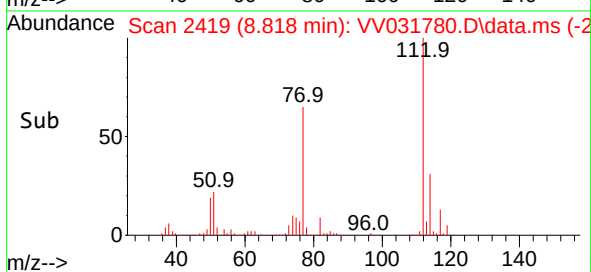
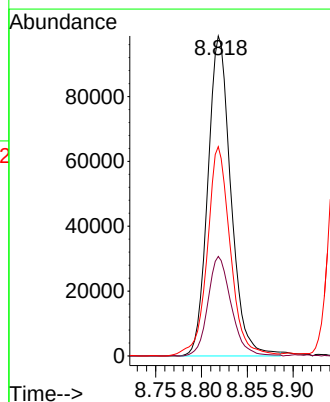
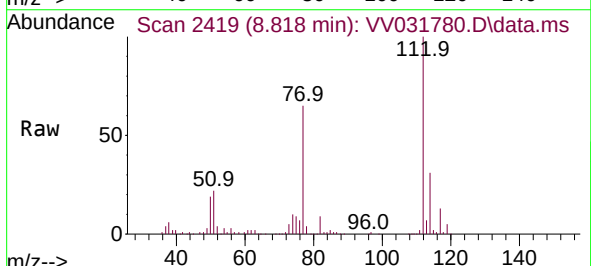
RT: 8.818 min Scan# 2419

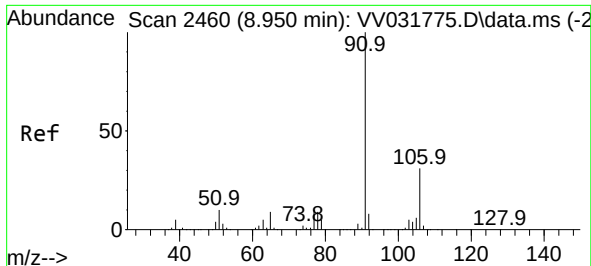
Delta R.T. -0.000 min

Lab File: VV031780.D

Acq: 28 Jul 2023 11:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 172623 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 114      | 31.1  | 22.2  | 41.2   |
| 77       | 65.4  | 50.6  | 76.0   |





#52

Ethylbenzene

Concen: 90.103 ug/L

RT: 8.950 min Scan# 2460

Delta R.T. -0.000 min

Lab File: VV031780.D

Acq: 28 Jul 2023 11:59

Instrument :

MSVOA\_V

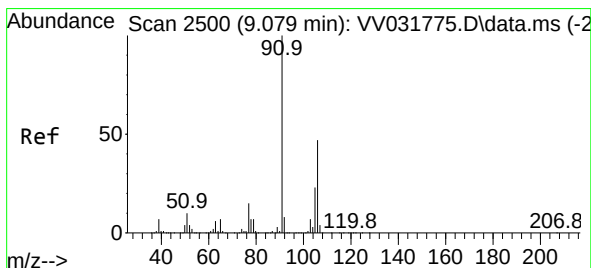
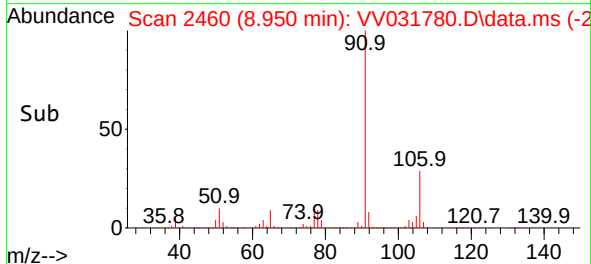
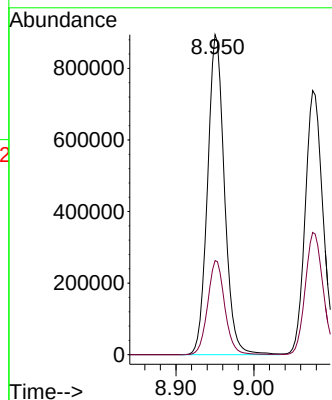
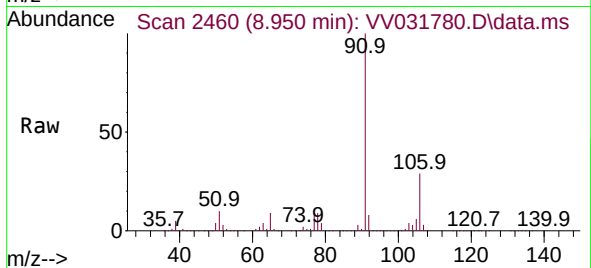
ClientSampleId :

Tgt Ion: 91 Resp: 1346520

Ion Ratio Lower Upper

91 100

106 29.4 21.5 39.9



#53

m,p-Xylene

Concen: 101.926 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. -0.003 min

Lab File: VV031780.D

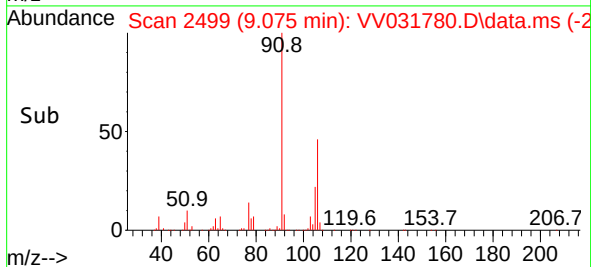
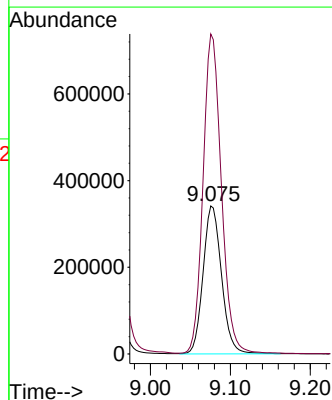
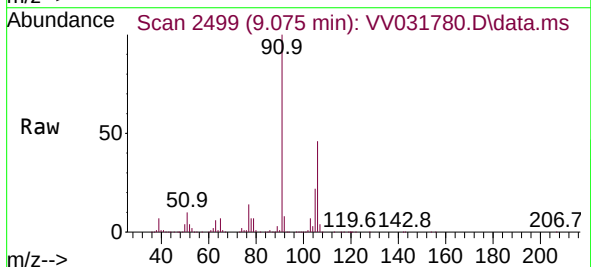
Acq: 28 Jul 2023 11:59

Tgt Ion:106 Resp: 549298

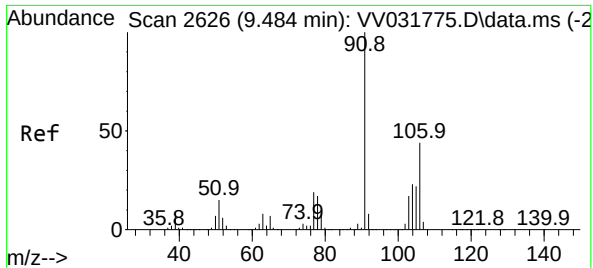
Ion Ratio Lower Upper

106 100

91 216.2 145.6 270.4



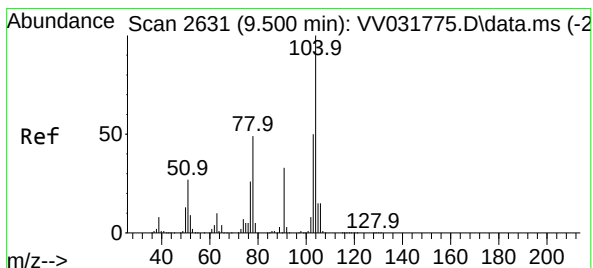
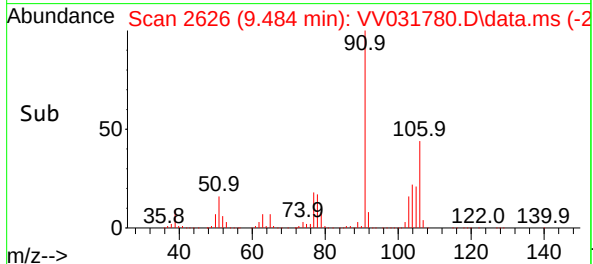
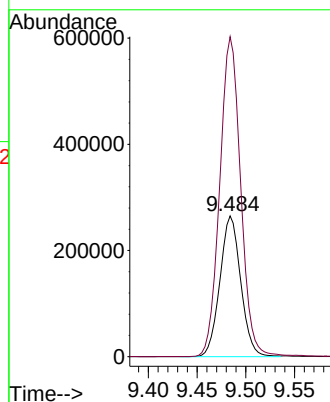
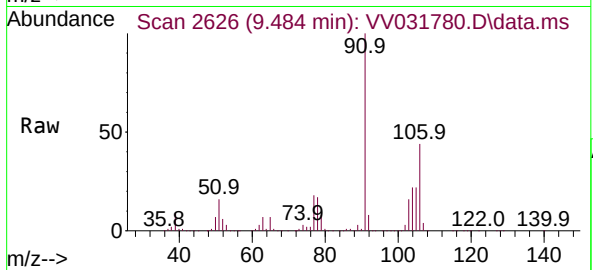




#54  
o-Xylene  
Concen: 76.301 ug/L  
RT: 9.484 min Scan# 2626  
Delta R.T. -0.000 min  
Lab File: VV031780.D  
Acq: 28 Jul 2023 11:59

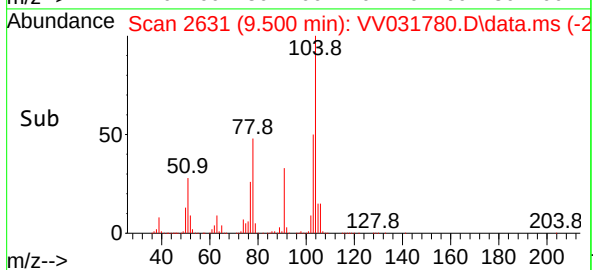
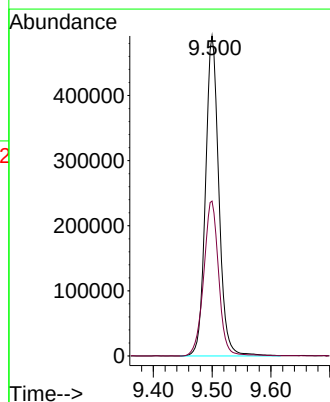
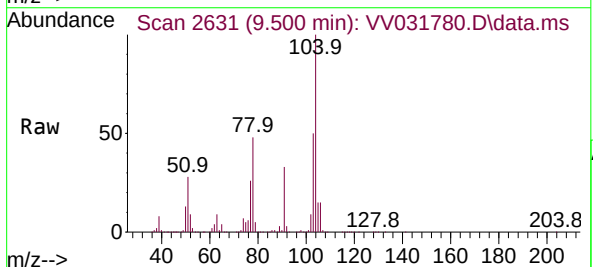
Instrument :  
MSVOA\_V  
ClientSampleId :

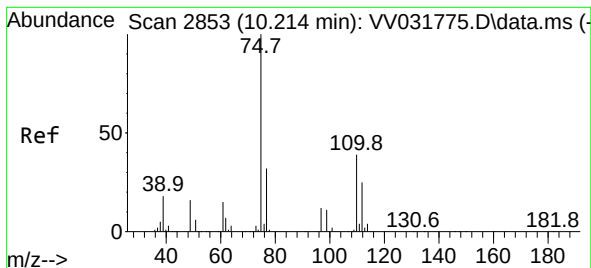
Tgt Ion:106 Resp: 394102  
Ion Ratio Lower Upper  
106 100  
91 227.3 163.0 302.6



#55  
Styrene  
Concen: 82.122 ug/L  
RT: 9.500 min Scan# 2631  
Delta R.T. -0.000 min  
Lab File: VV031780.D  
Acq: 28 Jul 2023 11:59

Tgt Ion:104 Resp: 774835  
Ion Ratio Lower Upper  
104 100  
78 48.4 34.4 64.0





#61

1,2,3-Trichloropropane

Concen: 45.578 ug/L

RT: 10.214 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV031780.D

Acq: 28 Jul 2023 11:59

Instrument :

MSVOA\_V

ClientSampleId :

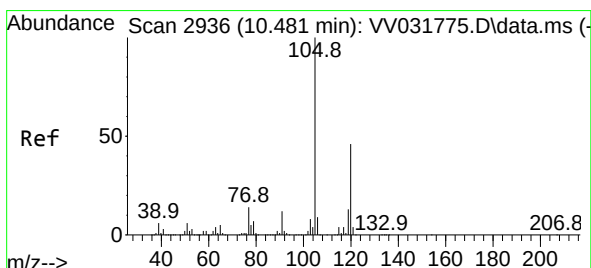
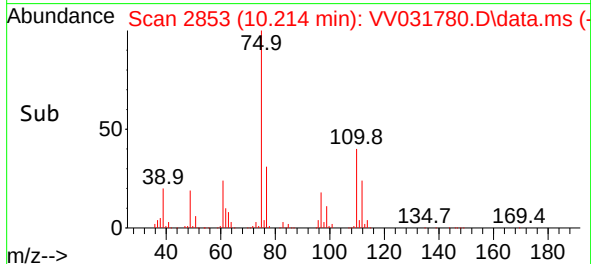
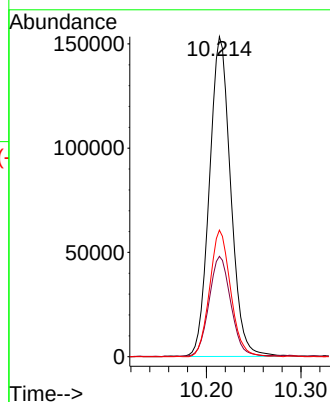
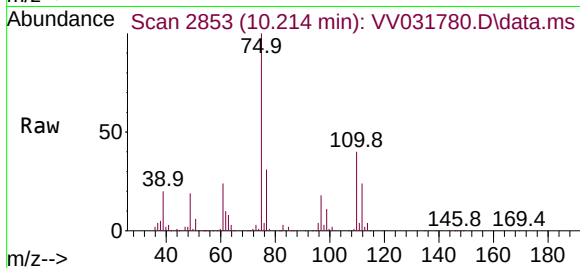
Tgt Ion: 75 Resp: 239369

Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7

110 39.1 31.4 47.0



#62

1,3,5-Trimethylbenzene

Concen: 12.956 ug/L

RT: 10.481 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VV031780.D

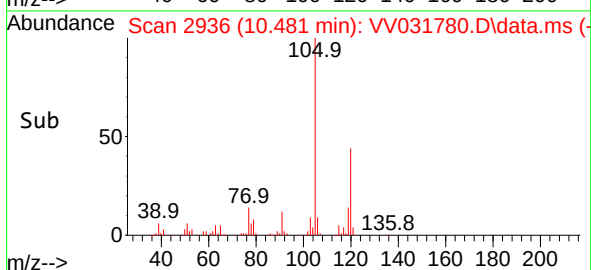
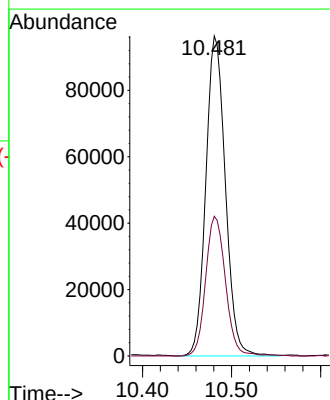
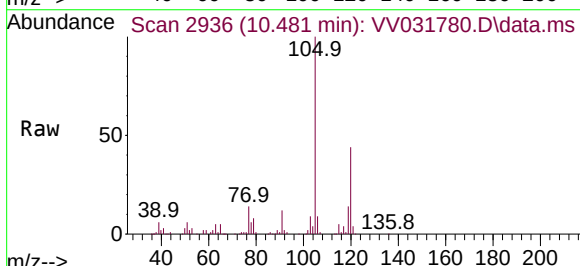
Acq: 28 Jul 2023 11:59

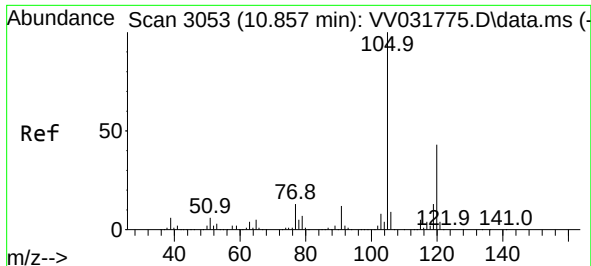
Tgt Ion: 105 Resp: 146479

Ion Ratio Lower Upper

105 100

120 44.1 37.4 56.0

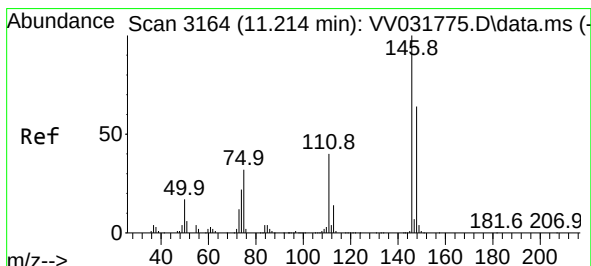
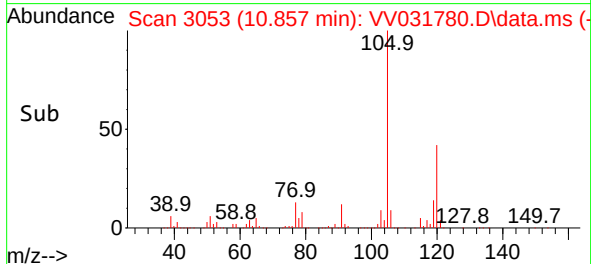
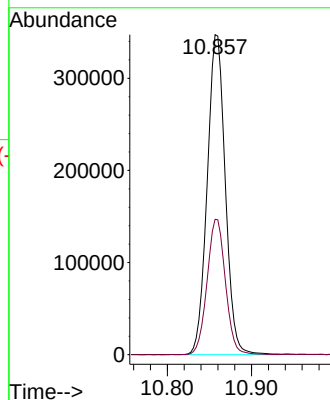
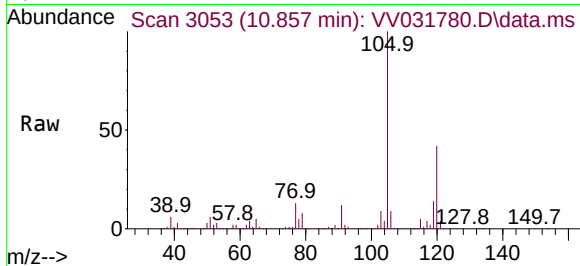




#63  
1,2,4-Trimethylbenzene  
Concen: 45.361 ug/L  
RT: 10.857 min Scan# 3053  
Delta R.T. -0.000 min  
Lab File: VV031780.D  
Acq: 28 Jul 2023 11:59

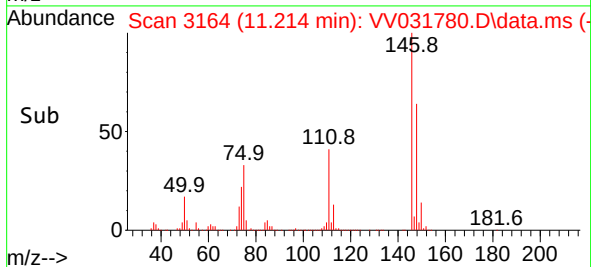
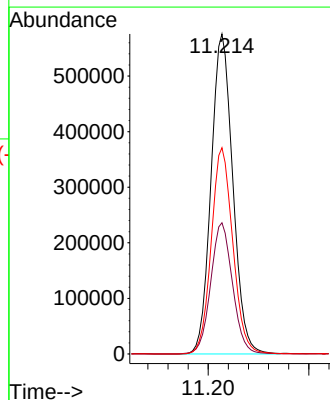
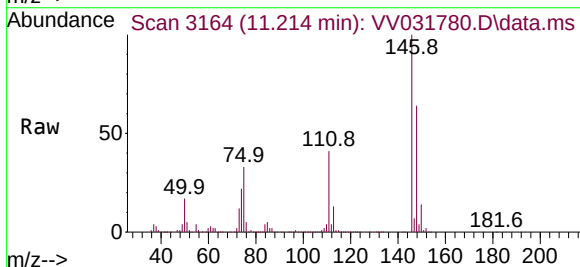
Instrument :  
MSVOA\_V  
ClientSampleId :

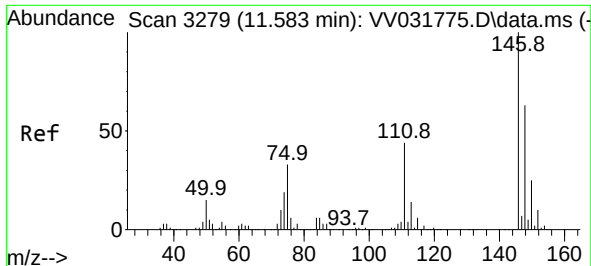
Tgt Ion:105 Resp: 519175  
Ion Ratio Lower Upper  
105 100  
120 42.9 34.7 52.1



#65  
1,4-Dichlorobenzene  
Concen: 111.189 ug/L  
RT: 11.214 min Scan# 3164  
Delta R.T. -0.000 min  
Lab File: VV031780.D  
Acq: 28 Jul 2023 11:59

Tgt Ion:146 Resp: 863374  
Ion Ratio Lower Upper  
146 100  
111 41.0 28.3 52.7  
148 64.4 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 84.807 ug/L

RT: 11.583 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031780.D

Acq: 28 Jul 2023 11:59

Instrument :

MSVOA\_V

ClientSampleId :

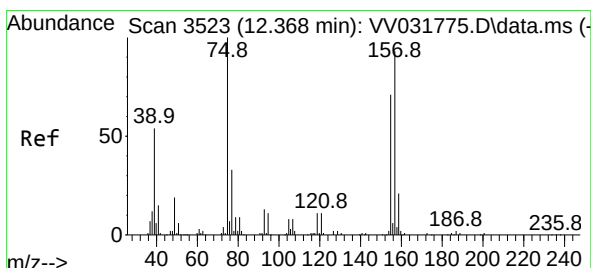
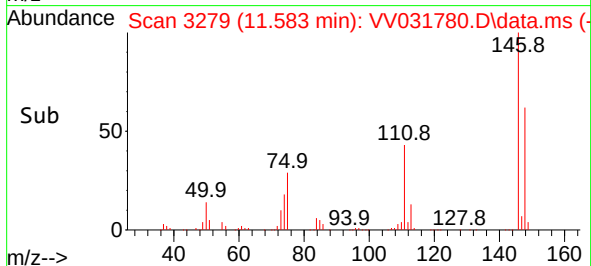
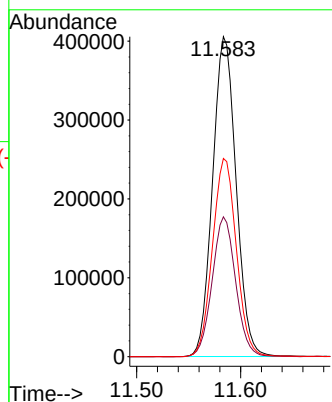
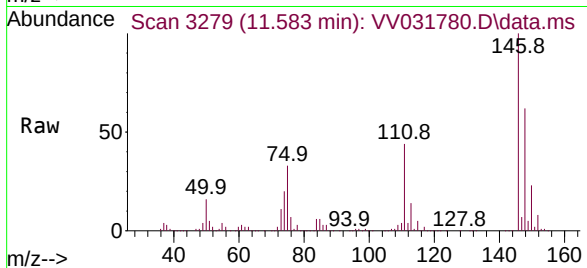
Tgt Ion:146 Resp: 637825

Ion Ratio Lower Upper

146 100

111 43.7 34.8 52.2

148 61.9 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 58.248 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV031780.D

Acq: 28 Jul 2023 11:59

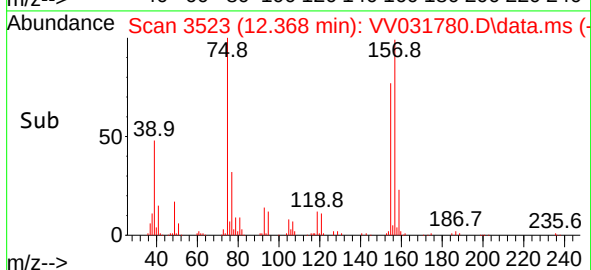
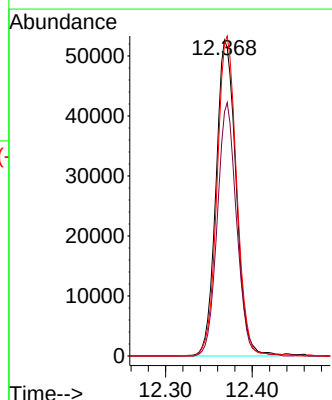
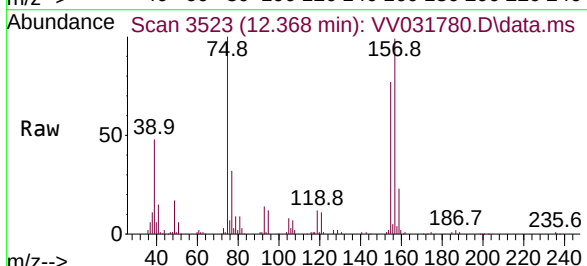
Tgt Ion: 75 Resp: 85084

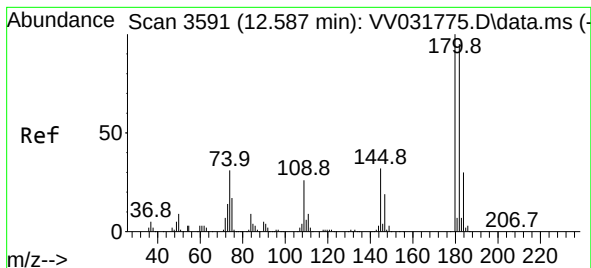
Ion Ratio Lower Upper

75 100

155 77.3 59.9 89.9

157 98.9 77.6 116.4





#69

1,3,5-Trichlorobenzene

Concen: 33.641 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.617 min

Lab File: VV031780.D

Acq: 28 Jul 2023 11:59

Instrument :

MSVOA\_V

ClientSampleId :

Tgt Ion:180 Resp: 179219

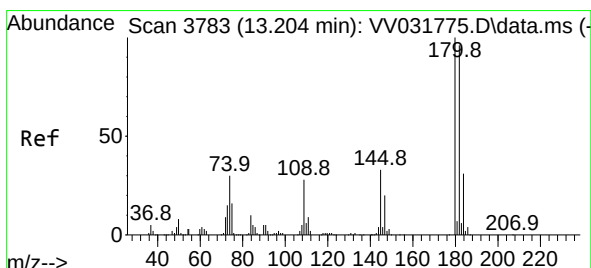
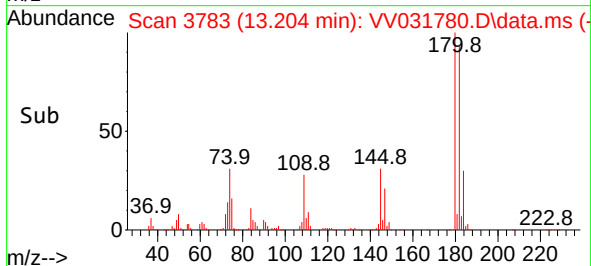
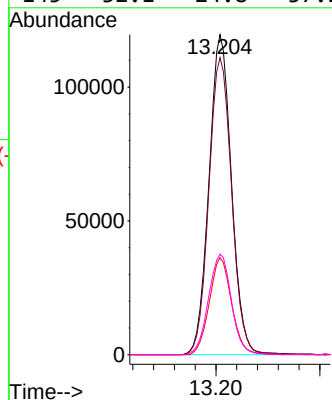
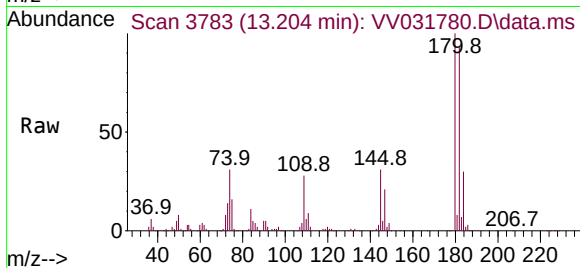
Ion Ratio Lower Upper

180 100

182 94.0 75.5 113.3

184 30.0 23.7 35.5

145 32.1 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 37.602 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. -0.000 min

Lab File: VV031780.D

Acq: 28 Jul 2023 11:59

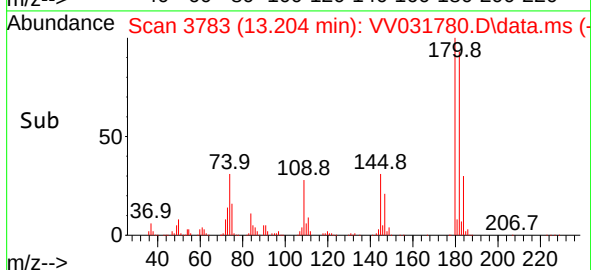
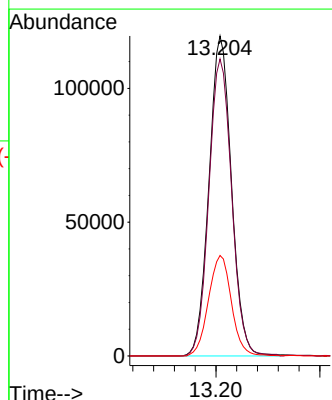
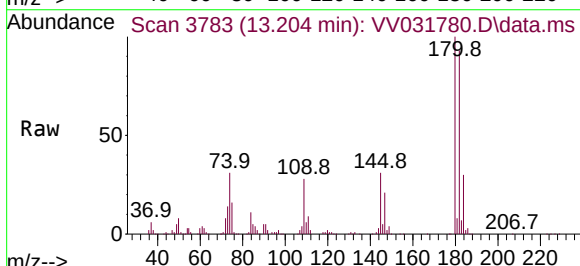
Tgt Ion:180 Resp: 179219

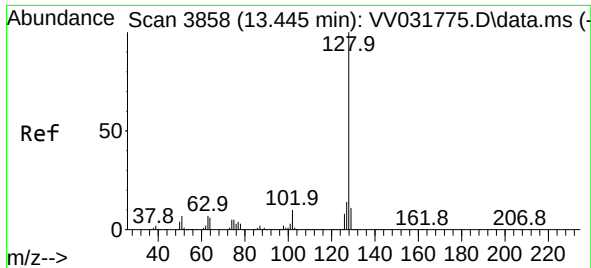
Ion Ratio Lower Upper

180 100

182 94.0 76.6 114.8

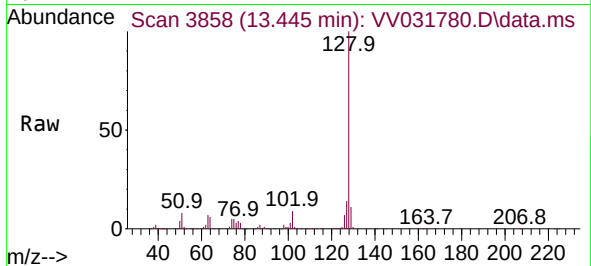
145 32.1 25.4 38.2





#71  
Naphthalene  
Concen: 57.469 ug/L  
RT: 13.445 min Scan# 3858  
Delta R.T. -0.000 min  
Lab File: VV031780.D  
Acq: 28 Jul 2023 11:59

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion:128 Resp: 789548  
Ion Ratio Lower Upper  
128 100  
127 13.8 11.0 16.4  
129 11.0 8.6 13.0

