

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW081621\  
 Data File : VW021780.D  
 Acq On : 16 Aug 2021 09:54  
 Operator : SY/MD  
 Sample : VSTD01039  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 17 03:51:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM081621WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 17 03:48:43 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114  | 450168   | 50.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117  | 422561   | 50.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252 | 152  | 208687   | 50.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65   | 34394    | 9.437  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.561  | 69   | 26456    | 9.814  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63   | 53437    | 8.145  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 3.889  | 46   | 35329    | 19.044 | ug/L   | 0.01     |
| 24) Chloroform-d              | 4.352  | 84   | 59447    | 9.215  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65   | 34308    | 8.565  | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.053  | 84   | 118574   | 10.468 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67   | 36532    | 10.663 | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.320  | 98   | 108749   | 10.060 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.628  | 79   | 17377    | 9.506  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 8.095  | 63   | 19973    | 15.470 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220 | 84   | 40969    | 8.224  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.628 | 152  | 42765    | 10.378 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.127  | 85   | 34818    | 7.960  | ug/L   | 99       |
| 3) Chloromethane              | 1.243  | 50   | 36667    | 9.403  | ug/L   | 97       |
| 5) Vinyl chloride             | 1.310  | 62   | 35641    | 9.022  | ug/L   | 99       |
| 6) Bromomethane               | 1.513  | 94   | 23371    | 8.785  | ug/L   | 98       |
| 8) Chloroethane               | 1.581  | 64   | 22107    | 9.373  | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 1.748  | 101  | 48590    | 7.230  | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.114  | 101  | 26842    | 7.832  | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.117  | 96   | 25562    | 8.159  | ug/L   | 89       |
| 13) Acetone                   | 2.159  | 43   | 37239    | 20.908 | ug/L # | 100      |
| 14) Carbon disulfide          | 2.291  | 76   | 92729    | 10.263 | ug/L   | 100      |
| 15) Methyl Acetate            | 2.429  | 43   | 34035    | 11.428 | ug/L   | 97       |
| 16) Methylene chloride        | 2.507  | 84   | 36483    | 10.578 | ug/L   | 98       |
| 17) trans-1,2-Dichloroethene  | 2.761  | 96   | 33228    | 10.539 | ug/L   | 97       |
| 18) Methyl tert-butyl Ether   | 2.767  | 73   | 100265   | 10.352 | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.191  | 63   | 59157    | 10.414 | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 3.915  | 96   | 35500    | 10.471 | ug/L   | 95       |
| 22) 2-Butanone                | 3.969  | 43   | 49962    | 23.402 | ug/L   | 98       |
| 23) Bromochloromethane        | 4.252  | 128  | 18898    | 9.843  | ug/L   | 98       |
| 25) Chloroform                | 4.378  | 83   | 62013    | 9.892  | ug/L   | 97       |
| 27) 1,2-Dichloroethane        | 5.137  | 62   | 41702    | 8.516  | ug/L   | 96       |
| 29) Cyclohexane               | 4.677  | 56   | 51160    | 11.345 | ug/L   | 100      |
| 30) 1,1,1-Trichloroethane     | 4.613  | 97   | 53788    | 9.543  | ug/L   | 99       |
| 31) Carbon tetrachloride      | 4.828  | 117  | 45711    | 8.916  | ug/L   | 98       |
| 33) Benzene                   | 5.101  | 78   | 130936   | 10.755 | ug/L   | 100      |
| 34) Trichloroethene           | 5.918  | 95   | 39120    | 11.613 | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.133  | 83   | 53486    | 10.648 | ug/L   | 100      |
| 37) 1,2-Dichloropropane       | 6.178  | 63   | 33699    | 11.260 | ug/L   | 98       |
| 38) Bromodichloromethane      | 6.513  | 83   | 42654    | 9.439  | ug/L   | 96       |
| 39) cis-1,3-Dichloropropene   | 7.034  | 75   | 47852    | 9.943  | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 7.230  | 43   | 88806    | 23.842 | ug/L   | 99       |
| 42) Toluene                   | 7.391  | 91   | 137845   | 10.446 | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 7.657  | 75   | 46785    | 9.505  | ug/L   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081621\  
 Data File : VV021780.D  
 Acq On : 16 Aug 2021 09:54  
 Operator : SY/MD  
 Sample : VSTD01039  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

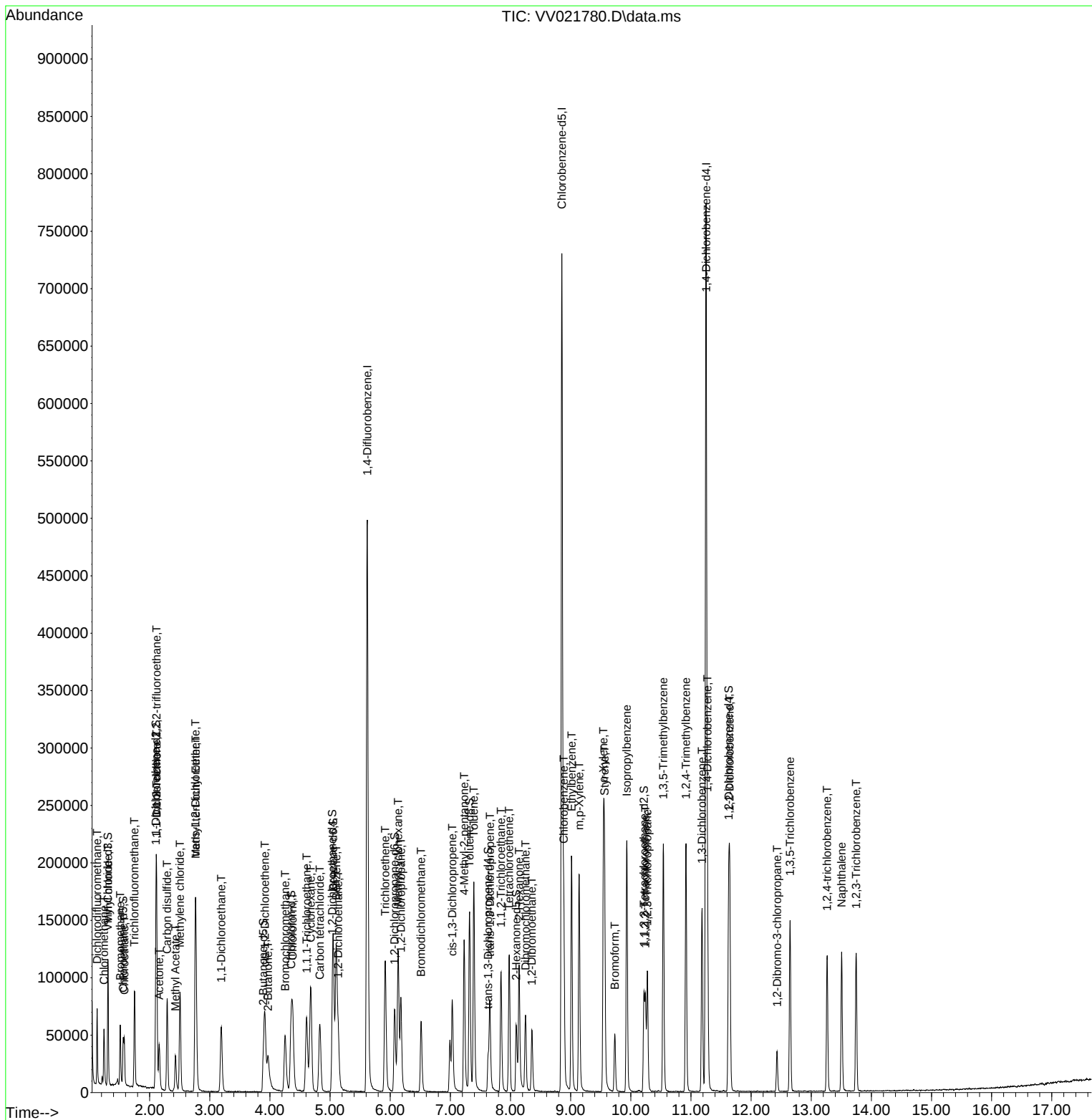
Instrument :  
 MSVOA\_V  
 ClientSampleId :

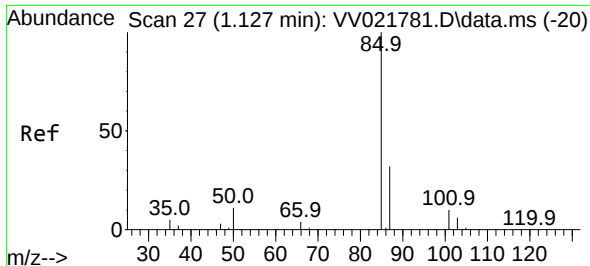
Quant Time: Aug 17 03:51:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM081621WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 17 03:48:43 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| 45) 1,1,2-Trichloroethane     | 7.844  | 97   | 33638    | 10.463 | ug/L  | 97       |
| 46) Tetrachloroethene         | 7.979  | 164  | 28049    | 9.611  | ug/L  | 95       |
| 48) 2-Hexanone                | 8.143  | 43   | 71070    | 24.402 | ug/L  | 98       |
| 49) Dibromochloromethane      | 8.249  | 129  | 35284    | 9.134  | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 36235    | 10.445 | ug/L  | 98       |
| 51) Chlorobenzene             | 8.886  | 112  | 89762    | 9.931  | ug/L  | 98       |
| 52) Ethylbenzene              | 9.014  | 91   | 147617   | 10.184 | ug/L  | 98       |
| 53) m,p-Xylene                | 9.143  | 106  | 56737    | 10.274 | ug/L  | 95       |
| 54) o-Xylene                  | 9.545  | 106  | 55953    | 10.264 | ug/L  | 99       |
| 55) Styrene                   | 9.564  | 104  | 90800    | 9.890  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.243 | 83   | 40402    | 8.081  | ug/L  | 99       |
| 59) Bromoform                 | 9.735  | 173  | 23808    | 9.145  | ug/L  | 98       |
| 60) Isopropylbenzene          | 9.934  | 105  | 144721   | 11.238 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 41263    | 11.376 | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.542 | 105  | 119010   | 10.927 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.918 | 105  | 120068   | 11.006 | ug/L  | 98       |
| 64) 1,3-Dichlorobenzene       | 11.185 | 146  | 68746    | 10.778 | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.275 | 146  | 67306    | 10.298 | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 11.644 | 146  | 71332    | 10.837 | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.432 | 75   | 8180     | 7.798  | ug/L  | 96       |
| 69) 1,3,5-Trichlorobenzene    | 12.648 | 180  | 46324    | 9.450  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.265 | 180  | 36637    | 9.076  | ug/L  | 99       |
| 71) Naphthalene               | 13.506 | 128  | 94009    | 8.343  | ug/L  | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.747 | 180  | 37371    | 9.186  | ug/L  | 99       |
| -----                         |        |      |          |        |       |          |

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

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QLast Update : Tue Aug 17 03:48:43 2021  
Response via : Initial Calibration

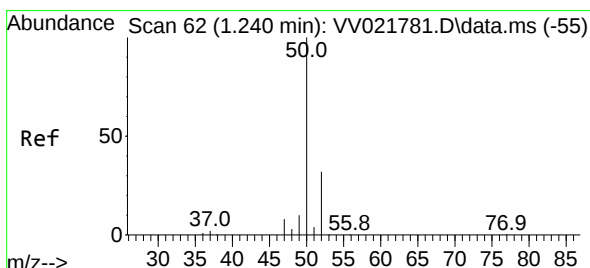
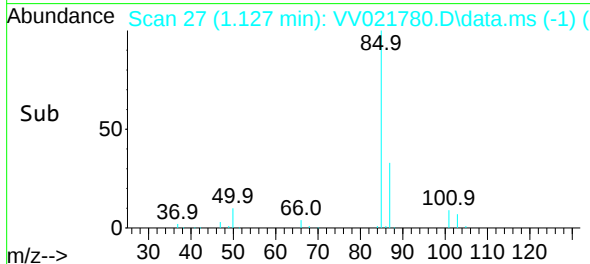
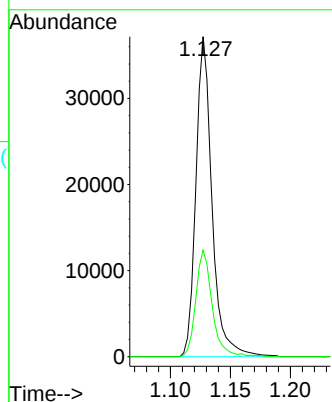
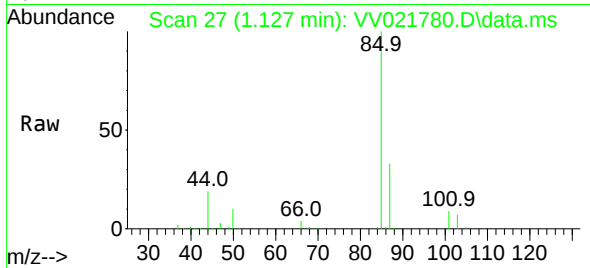




#2  
Dichlorodifluoromethane  
Concen: 7.960 ug/L  
RT: 1.127 min Scan# 27  
Delta R.T. 0.000 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

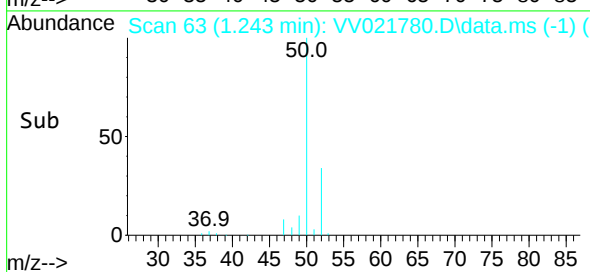
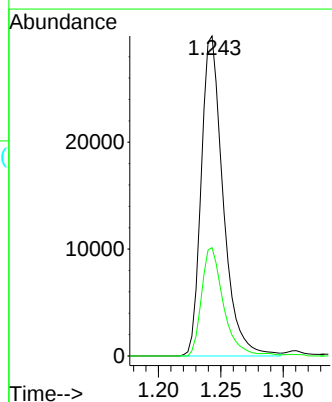
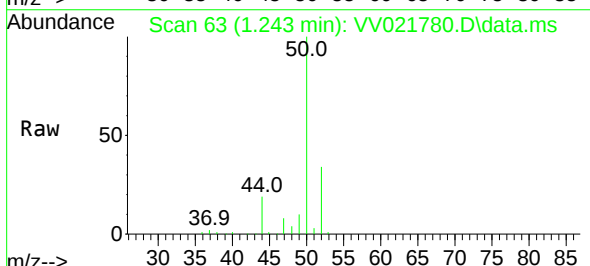
Instrument :  
MSVOA\_V  
ClientSampled :

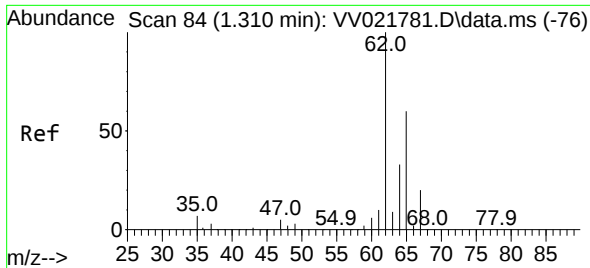
Tgt Ion: 85 Resp: 34818  
Ion Ratio Lower Upper  
85 100  
87 33.2 26.1 39.1



#3  
Chloromethane  
Concen: 9.403 ug/L  
RT: 1.243 min Scan# 63  
Delta R.T. 0.003 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

Tgt Ion: 50 Resp: 36667  
Ion Ratio Lower Upper  
50 100  
52 33.9 22.7 42.1

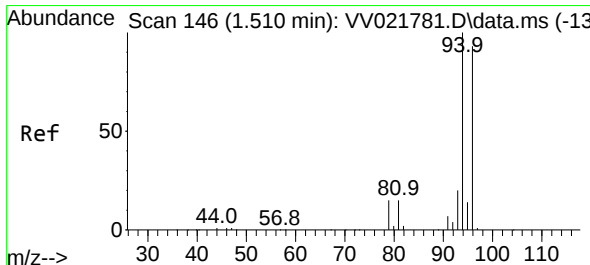
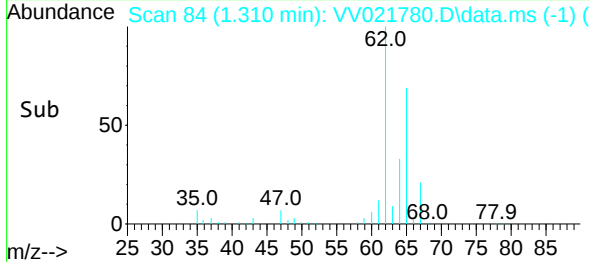
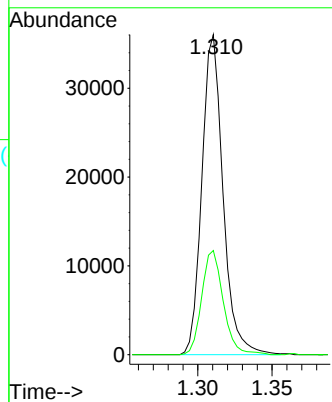
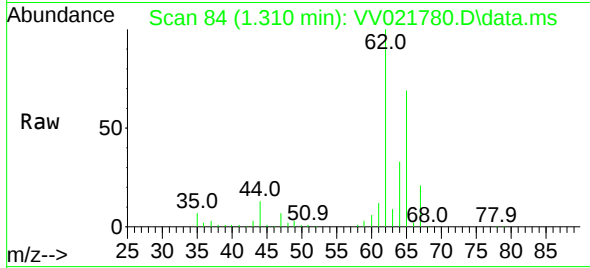




#5  
 Vinyl chloride  
 Concen: 9.022 ug/L  
 RT: 1.310 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: VV021780.D  
 Acq: 16 Aug 2021 09:54

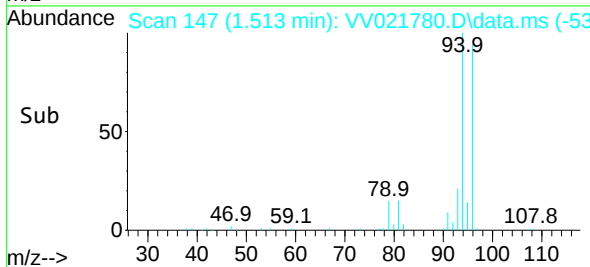
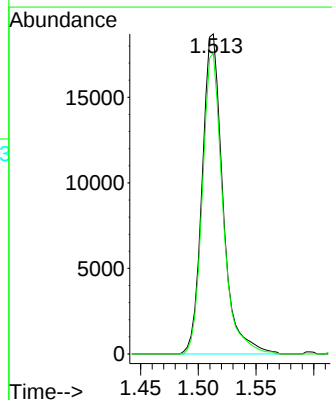
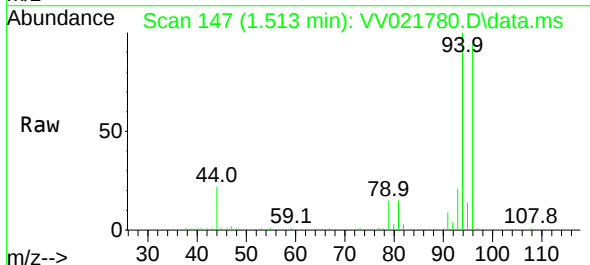
Instrument :  
 MSVOA\_V  
 ClientSampled :

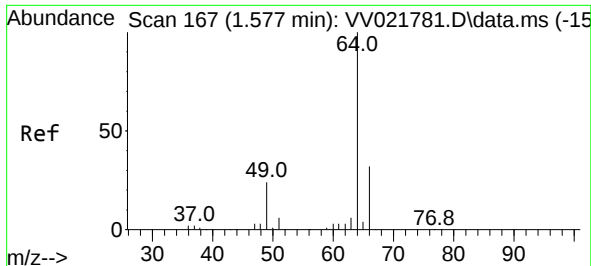
Tgt Ion: 62 Resp: 35641  
 Ion Ratio Lower Upper  
 62 100  
 64 32.6 23.4 43.4



#6  
 Bromomethane  
 Concen: 8.785 ug/L  
 RT: 1.513 min Scan# 147  
 Delta R.T. 0.003 min  
 Lab File: VV021780.D  
 Acq: 16 Aug 2021 09:54

Tgt Ion: 94 Resp: 23371  
 Ion Ratio Lower Upper  
 94 100  
 96 94.0 64.8 120.3

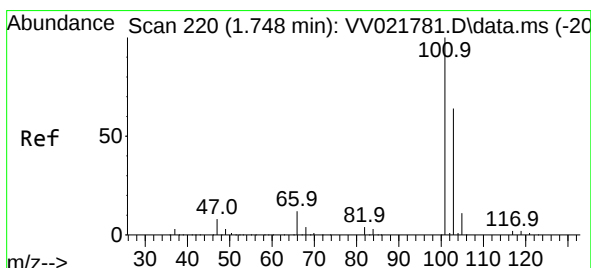
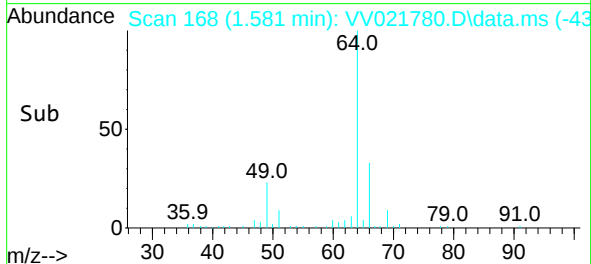
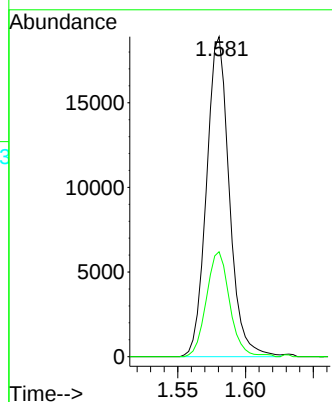
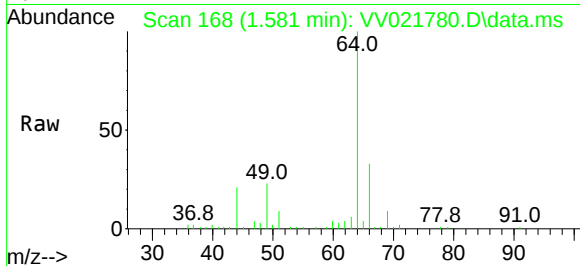




#8  
Chloroethane  
Concen: 9.373 ug/L  
RT: 1.581 min Scan# 168  
Delta R.T. 0.003 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

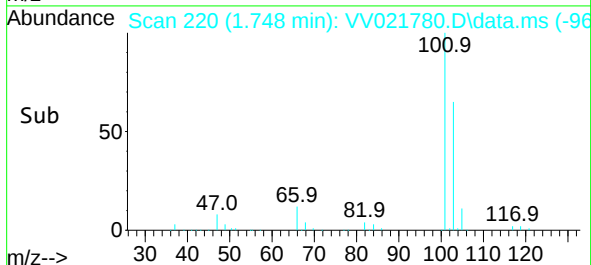
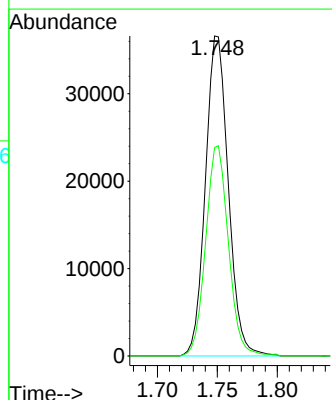
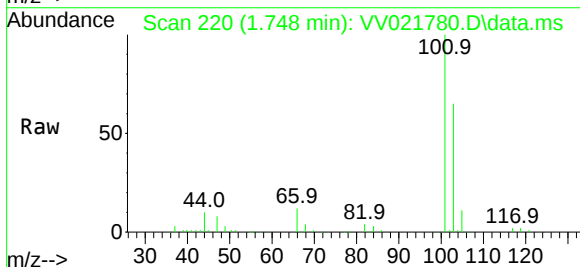
Instrument :  
MSVOA\_V  
ClientSampled :

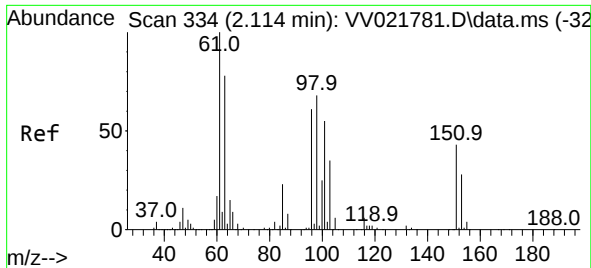
Tgt Ion: 64 Resp: 22107  
Ion Ratio Lower Upper  
64 100  
66 32.8 22.6 42.0



#9  
Trichlorofluoromethane  
Concen: 7.230 ug/L  
RT: 1.748 min Scan# 220  
Delta R.T. 0.000 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

Tgt Ion: 101 Resp: 48590  
Ion Ratio Lower Upper  
101 100  
103 65.3 51.8 77.8

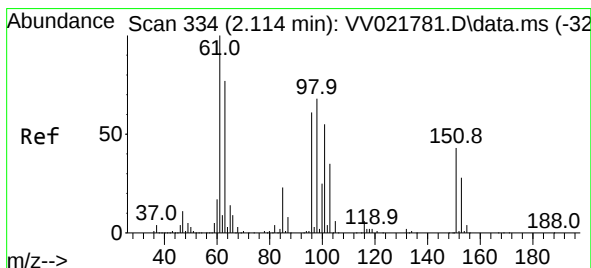
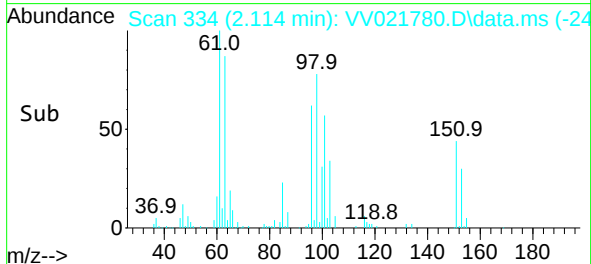
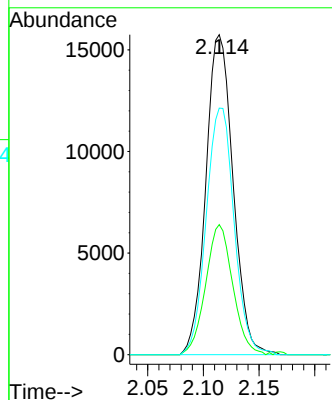
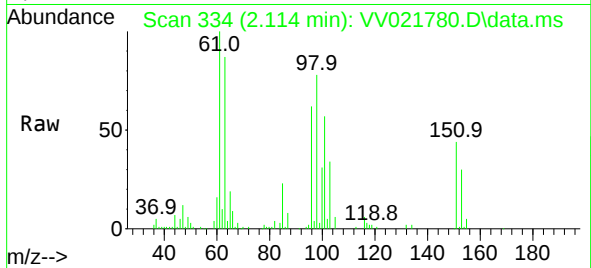




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 7.832 ug/L  
 RT: 2.114 min Scan# 334  
 Delta R.T. 0.000 min  
 Lab File: VV021780.D  
 Acq: 16 Aug 2021 09:54

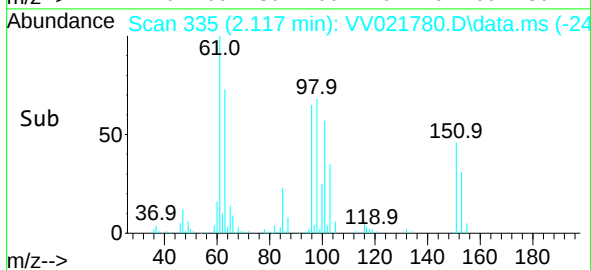
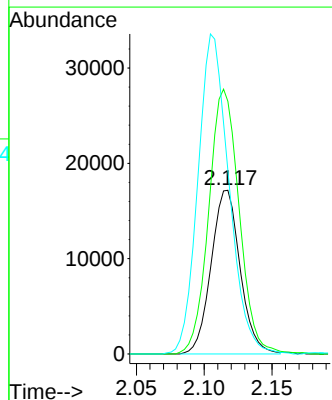
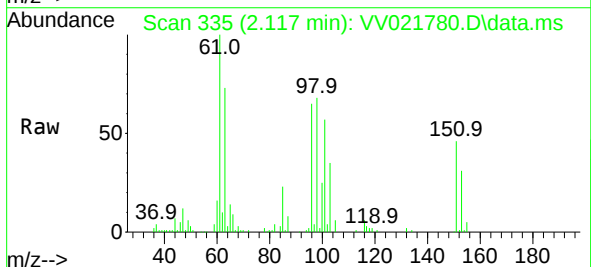
Instrument :  
 MSVOA\_V  
 ClientSampleId :

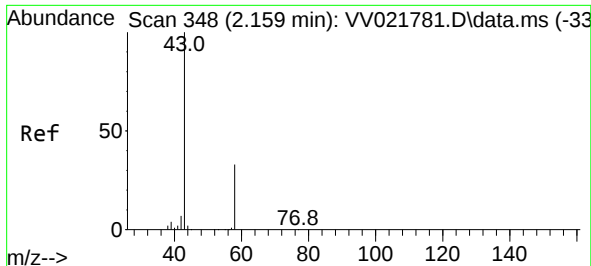
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 Ion Ratio Lower Upper  
 101 100  
 85 40.4 33.4 50.2  
 151 78.9 62.2 93.2



#12  
 1,1-Dichloroethene  
 Concen: 8.159 ug/L  
 RT: 2.117 min Scan# 335  
 Delta R.T. 0.003 min  
 Lab File: VV021780.D  
 Acq: 16 Aug 2021 09:54

Tgt Ion: 96 Resp: 25562  
 Ion Ratio Lower Upper  
 96 100  
 61 154.3 115.5 214.5  
 63 112.1 90.3 167.7

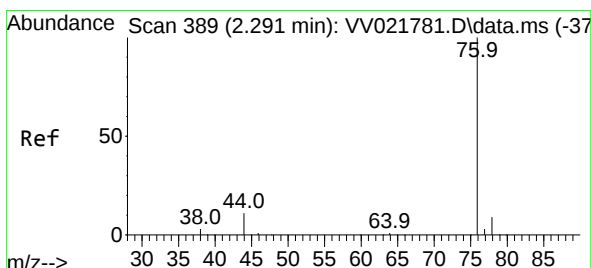
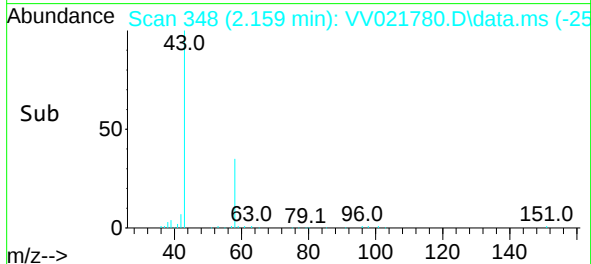
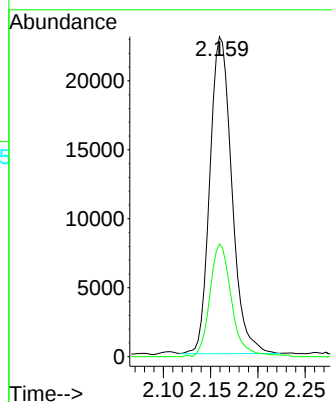
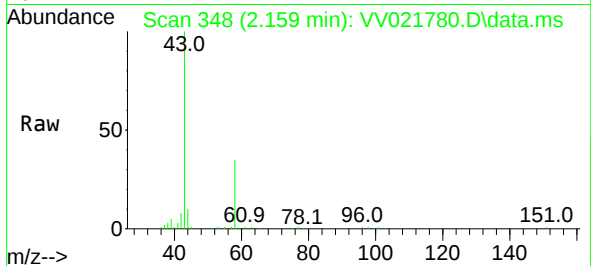




#13  
Acetone  
Concen: 20.908 ug/L  
RT: 2.159 min Scan# 348  
Delta R.T. 0.000 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

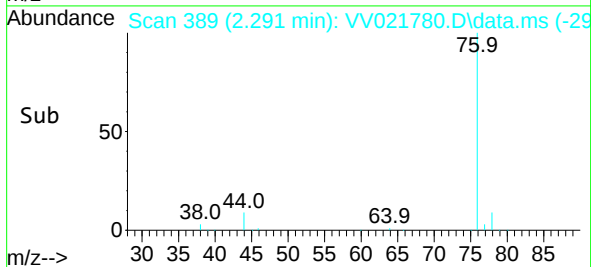
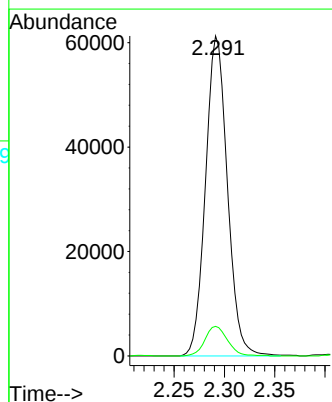
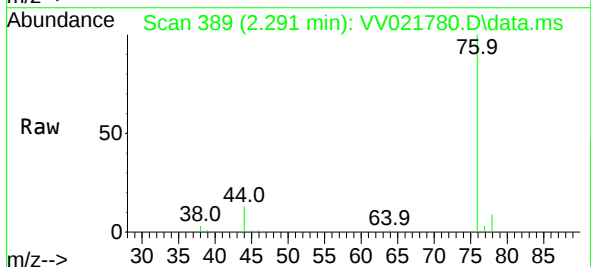
Instrument :  
MSVOA\_V  
ClientSampled :

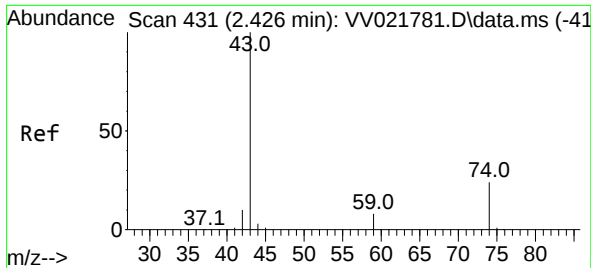
Tgt Ion: 43 Resp: 37239  
Ion Ratio Lower Upper  
43 100  
58 34.8 0.0 0.0#



#14  
Carbon disulfide  
Concen: 10.263 ug/L  
RT: 2.291 min Scan# 389  
Delta R.T. 0.000 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

Tgt Ion: 76 Resp: 92729  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.5 11.3

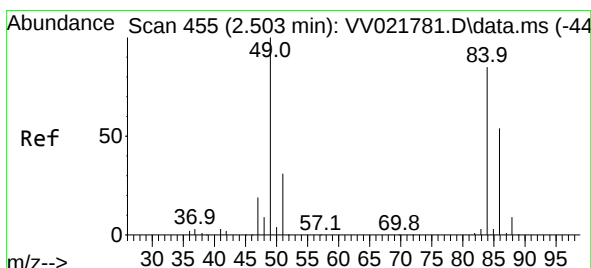
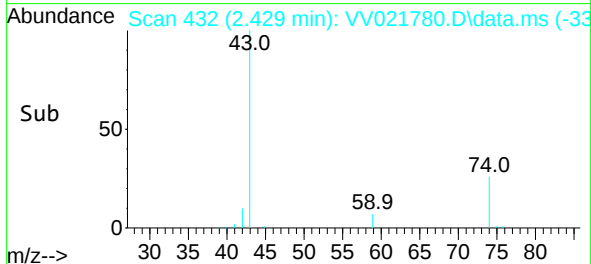
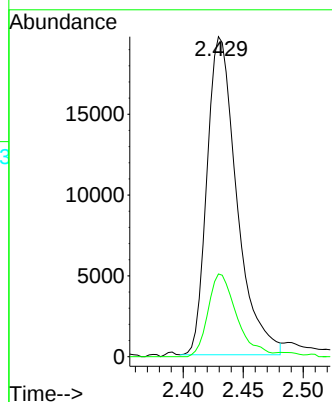
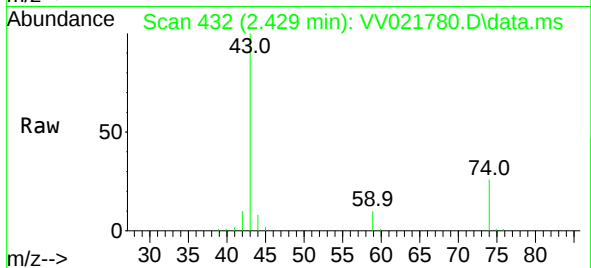




#15  
Methyl Acetate  
Concen: 11.428 ug/L  
RT: 2.429 min Scan# 432  
Delta R.T. 0.003 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

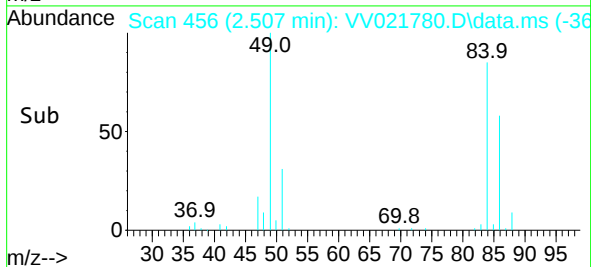
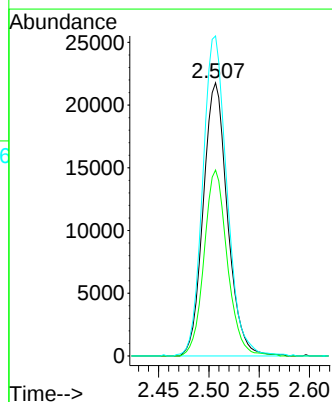
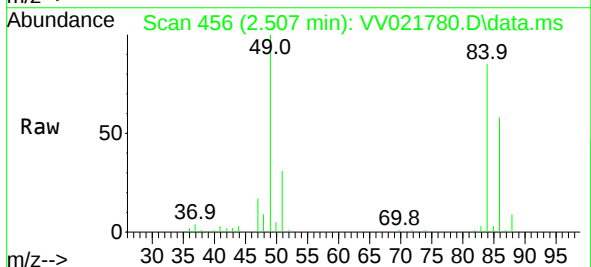
Instrument :  
MSVOA\_V  
ClientSampled :

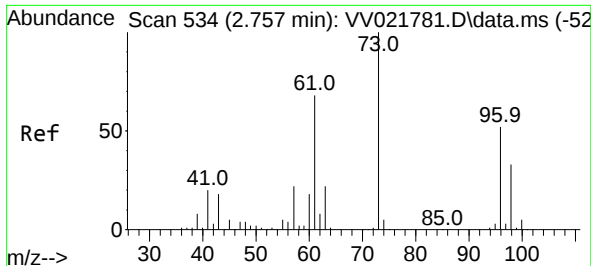
Tgt Ion: 43 Resp: 34035  
Ion Ratio Lower Upper  
43 100  
74 25.0 19.0 28.6



#16  
Methylene chloride  
Concen: 10.578 ug/L  
RT: 2.507 min Scan# 456  
Delta R.T. 0.003 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

Tgt Ion: 84 Resp: 36483  
Ion Ratio Lower Upper  
84 100  
86 68.1 44.7 83.1  
49 117.2 82.5 153.3

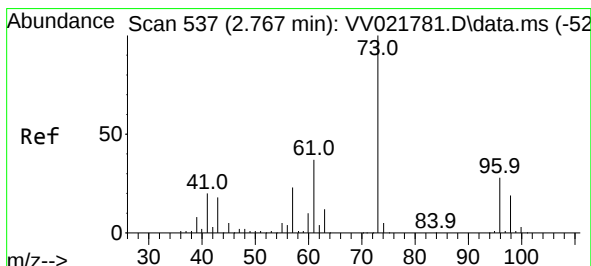
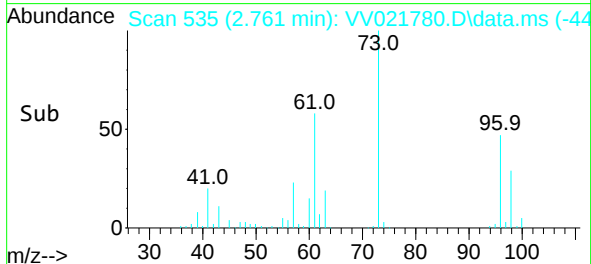
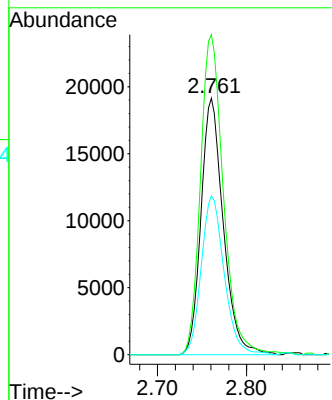
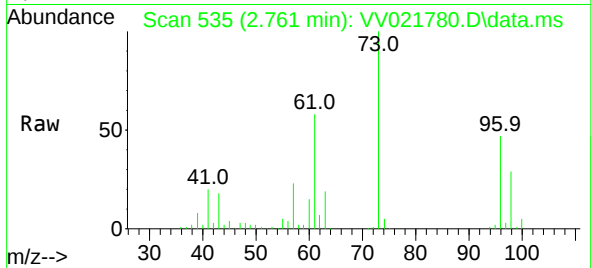




#17  
trans-1,2-Dichloroethene  
Concen: 10.539 ug/L  
RT: 2.761 min Scan# 535  
Delta R.T. 0.003 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

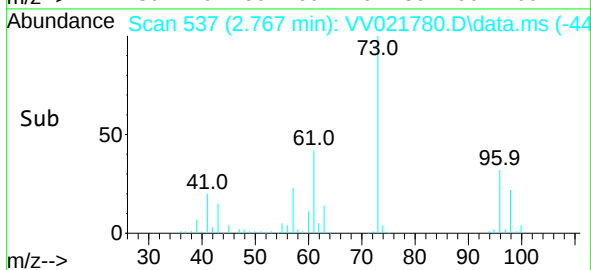
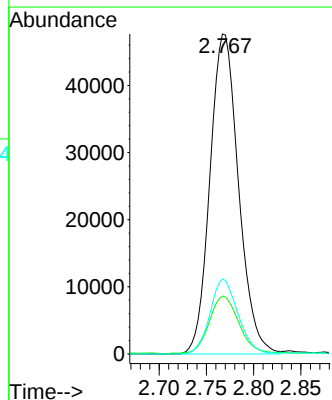
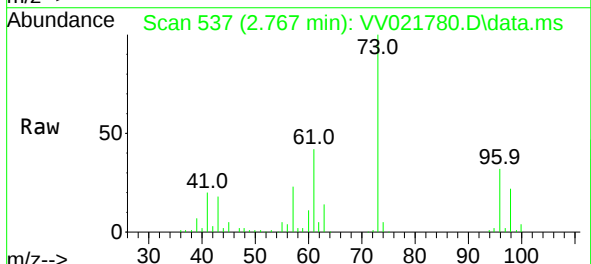
Instrument :  
MSVOA\_V  
ClientSampled :

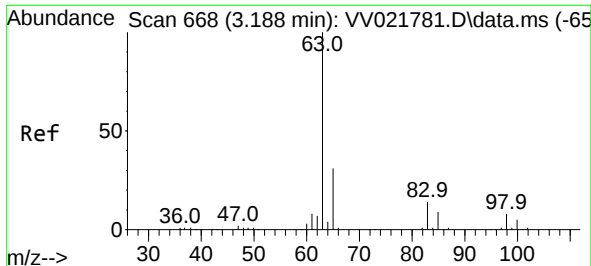
Tgt Ion: 96 Resp: 33228  
Ion Ratio Lower Upper  
96 100  
61 124.8 90.4 168.0  
98 61.9 44.4 82.5



#18  
Methyl tert-butyl Ether  
Concen: 10.352 ug/L  
RT: 2.767 min Scan# 537  
Delta R.T. 0.000 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

Tgt Ion: 73 Resp: 100265  
Ion Ratio Lower Upper  
73 100  
43 18.4 14.2 21.4  
57 23.0 17.7 26.5





#19

1,1-Dichloroethane

Concen: 10.414 ug/L

RT: 3.191 min Scan# 669

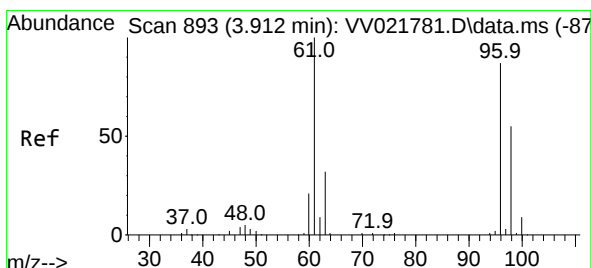
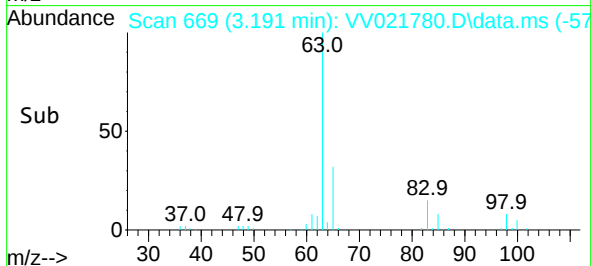
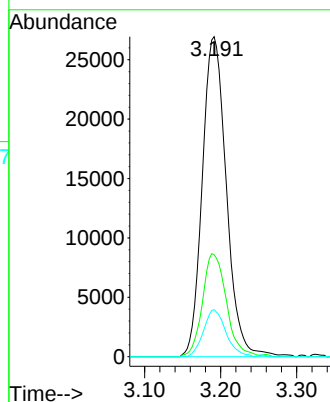
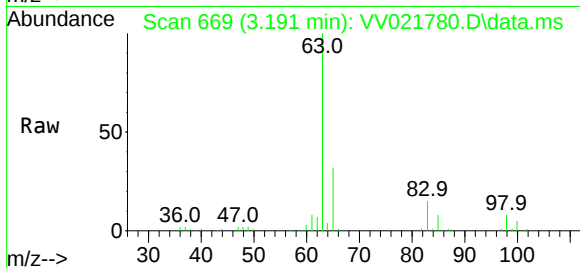
Delta R.T. 0.003 min

Lab File: VV021780.D

Acq: 16 Aug 2021 09:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 59157 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 31.9  | 21.8  | 40.6  |
| 83       | 14.7  | 9.6   | 17.8  |

Instrument :  
MSVOA\_V  
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 10.471 ug/L

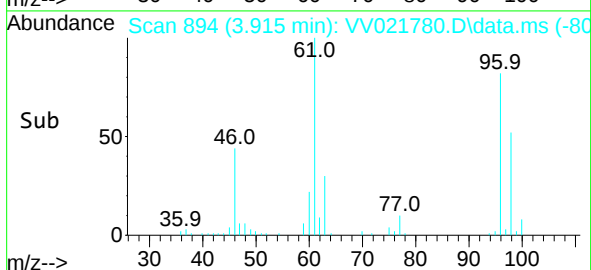
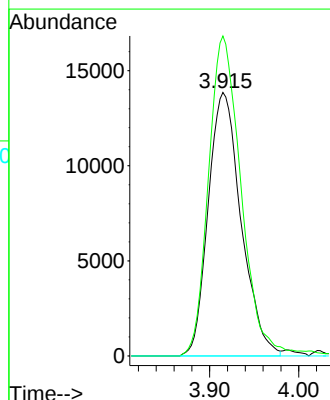
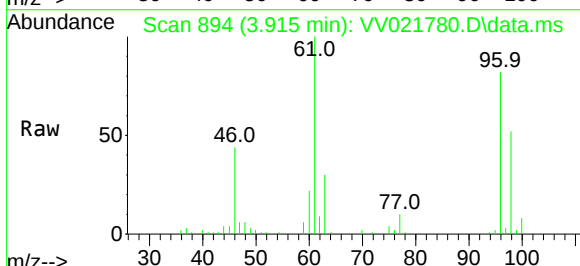
RT: 3.915 min Scan# 894

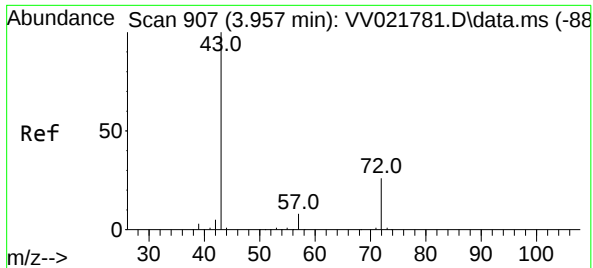
Delta R.T. 0.003 min

Lab File: VV021780.D

Acq: 16 Aug 2021 09:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 35500 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 121.4 | 81.0  | 150.4 |
| 68       | 0.0   | 0.0   | 0.0   |

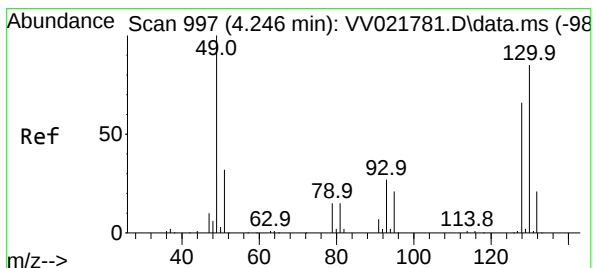
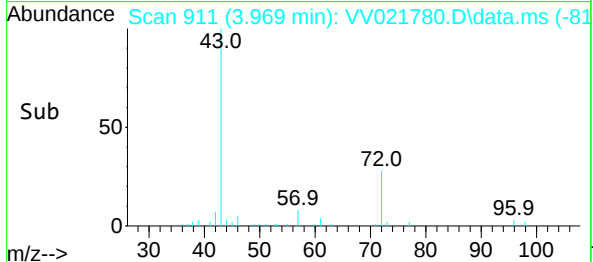
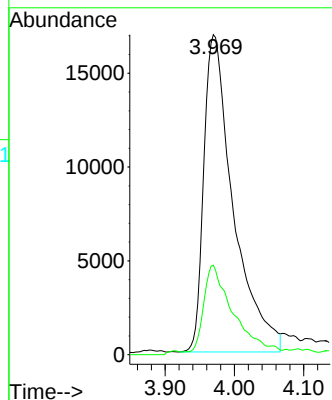
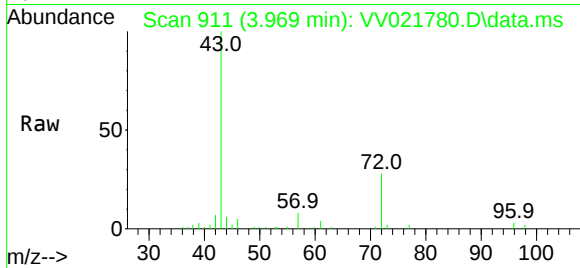




#22  
2-Butanone  
Concen: 23.402 ug/L  
RT: 3.969 min Scan# 911  
Delta R.T. 0.013 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

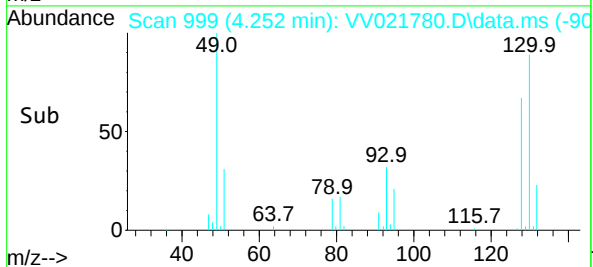
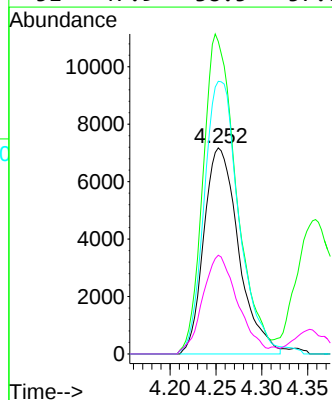
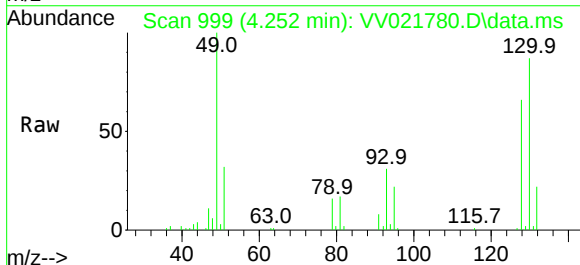
Instrument :  
MSVOA\_V  
ClientSampled :

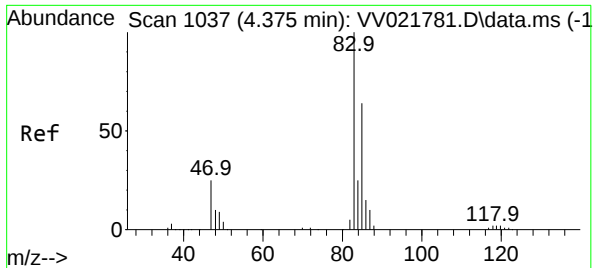
Tgt Ion: 43 Resp: 49962  
Ion Ratio Lower Upper  
43 100  
72 26.2 13.6 40.8



#23  
Bromochloromethane  
Concen: 9.843 ug/L  
RT: 4.252 min Scan# 999  
Delta R.T. 0.006 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

Tgt Ion: 128 Resp: 18898  
Ion Ratio Lower Upper  
128 100  
49 151.6 105.6 196.0  
130 132.4 89.5 166.1  
51 47.9 38.5 57.7





#25

Chloroform

Concen: 9.892 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV021780.D

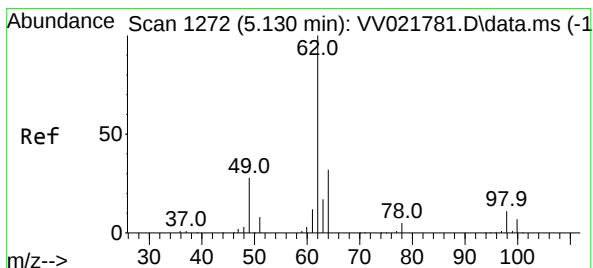
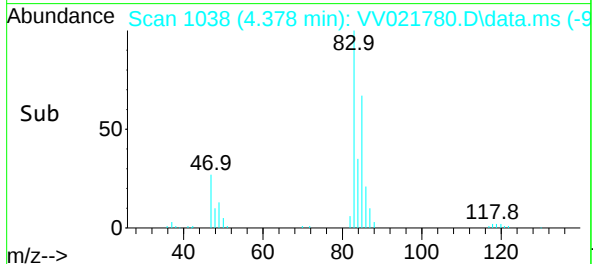
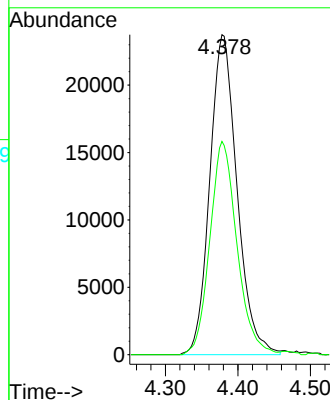
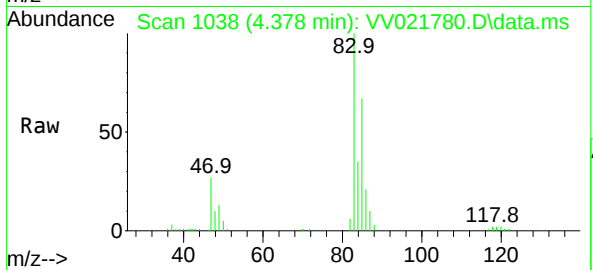
Acq: 16 Aug 2021 09:54

Tgt Ion: 83 Resp: 62013

Ion Ratio Lower Upper

83 100

85 66.6 44.8 83.2



#27

1,2-Dichloroethane

Concen: 8.516 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VV021780.D

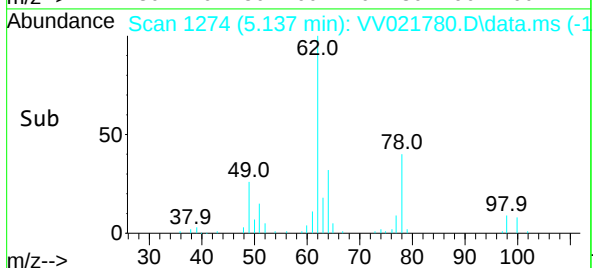
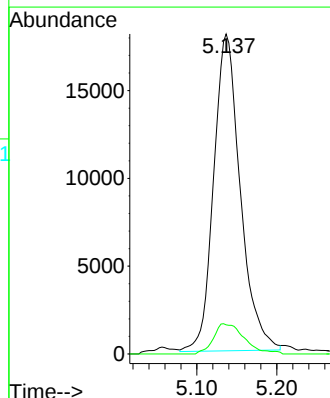
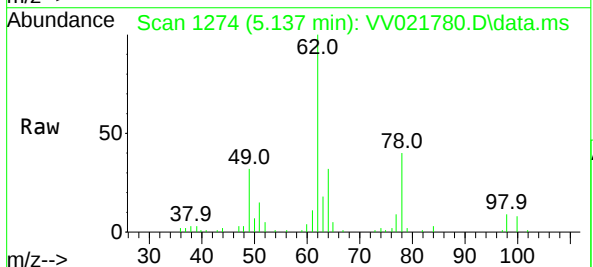
Acq: 16 Aug 2021 09:54

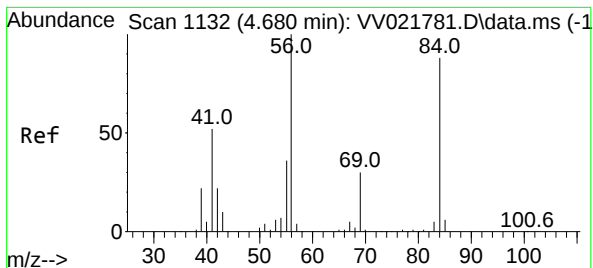
Tgt Ion: 62 Resp: 41702

Ion Ratio Lower Upper

62 100

98 9.1 8.6 13.0





#29

Cyclohexane

Concen: 11.345 ug/L

RT: 4.677 min Scan# 1131

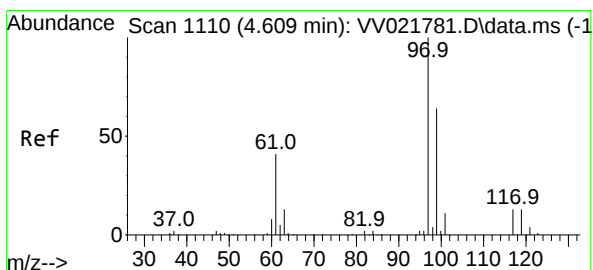
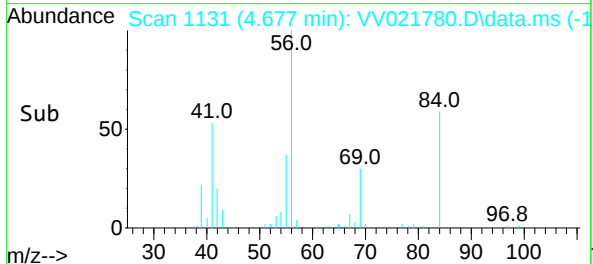
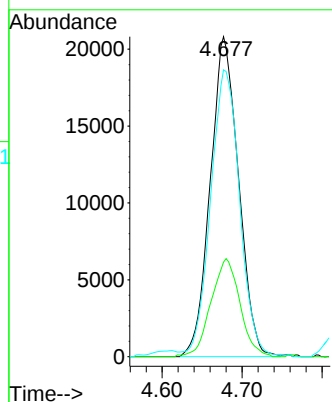
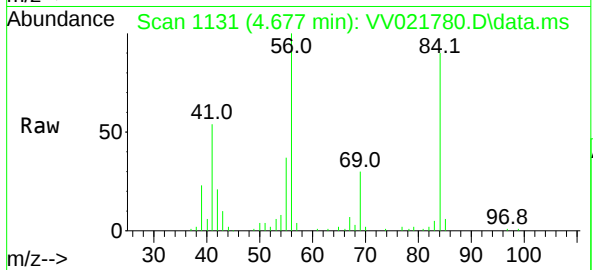
Delta R.T. -0.003 min

Lab File: VV021780.D

Acq: 16 Aug 2021 09:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 51160 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 31.2  | 24.9  | 37.3  |
| 84       | 90.6  | 72.6  | 109.0 |

Instrument :  
MSVOA\_V  
ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 9.543 ug/L

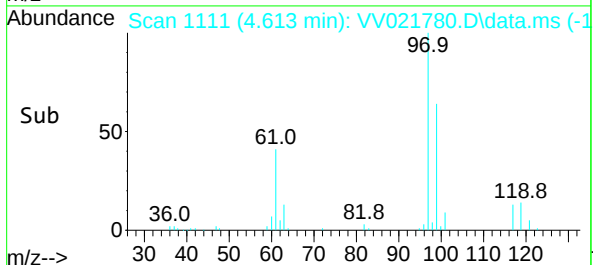
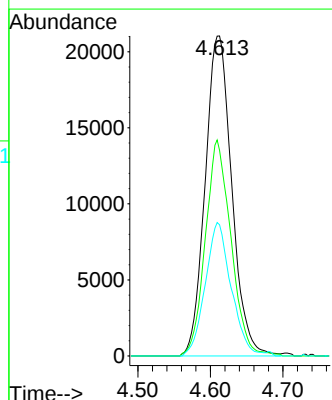
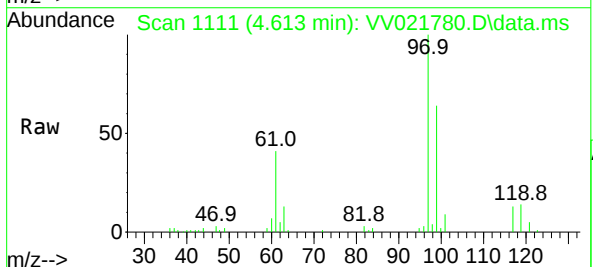
RT: 4.613 min Scan# 1111

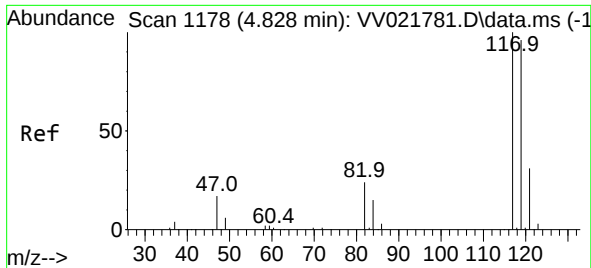
Delta R.T. 0.003 min

Lab File: VV021780.D

Acq: 16 Aug 2021 09:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 53788 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 64.9  | 51.0  | 76.4  |
| 61       | 40.4  | 32.3  | 48.5  |

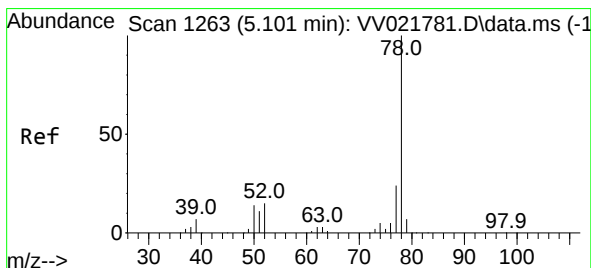
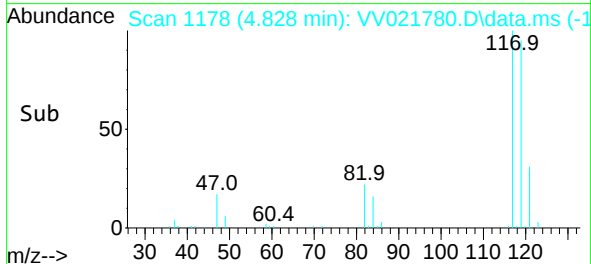
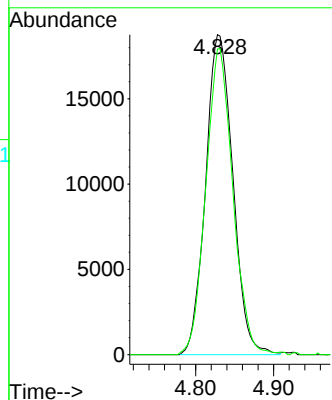
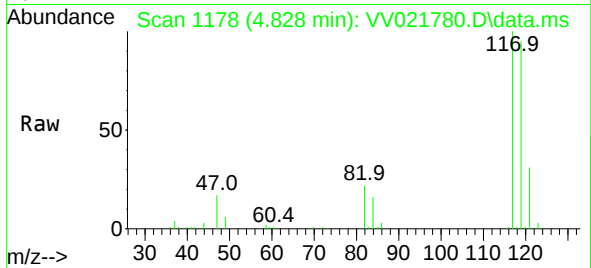




#31  
Carbon tetrachloride  
Concen: 8.916 ug/L  
RT: 4.828 min Scan# 1178  
Delta R.T. 0.000 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

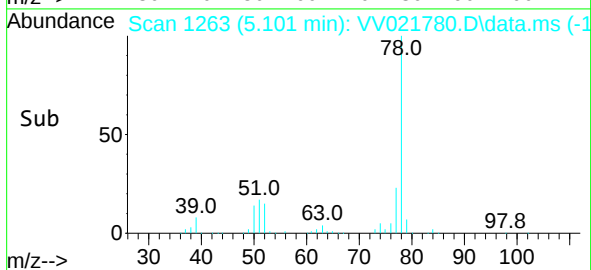
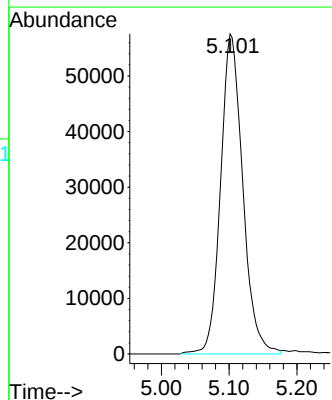
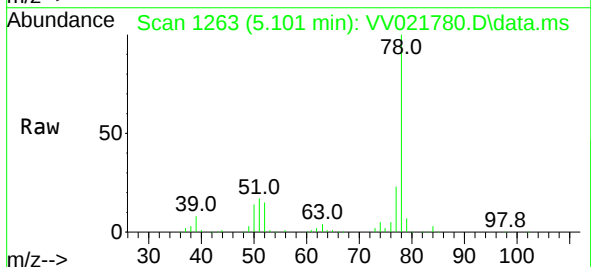
Instrument :  
MSVOA\_V  
ClientSampled :

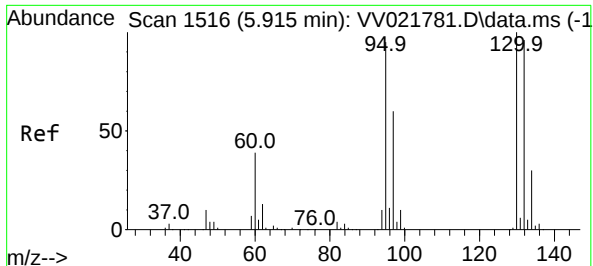
Tgt Ion:117 Resp: 45711  
Ion Ratio Lower Upper  
117 100  
119 94.9 77.1 115.7



#33  
Benzene  
Concen: 10.755 ug/L  
RT: 5.101 min Scan# 1263  
Delta R.T. 0.000 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

Tgt Ion: 78 Resp: 130936





#34

Trichloroethene

Concen: 11.613 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV021780.D

Acq: 16 Aug 2021 09:54

Tgt Ion: 95 Resp: 39120

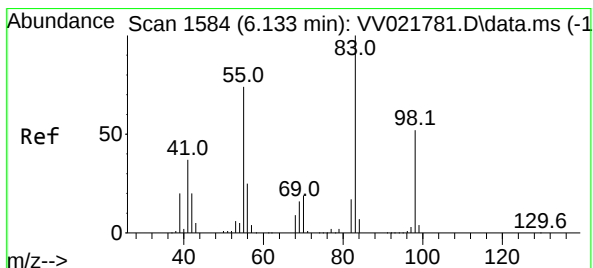
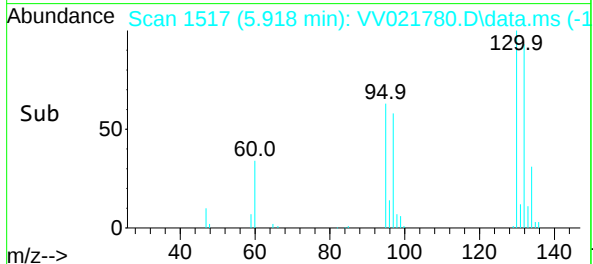
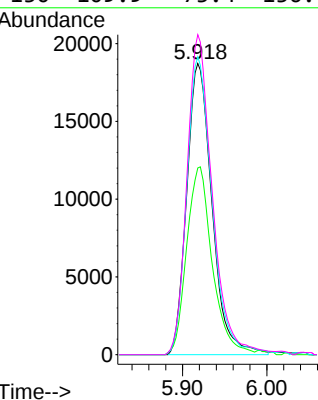
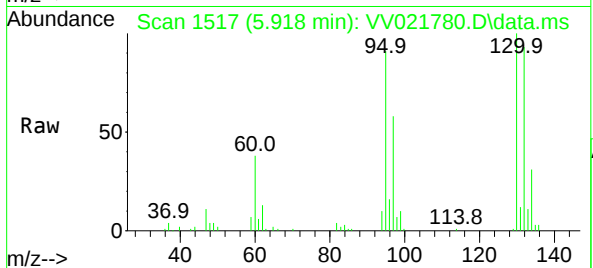
Ion Ratio Lower Upper

95 100

97 64.1 44.1 81.9

132 102.3 70.2 130.4

130 109.9 73.4 136.4



#35

Methylcyclohexane

Concen: 10.648 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.000 min

Lab File: VV021780.D

Acq: 16 Aug 2021 09:54

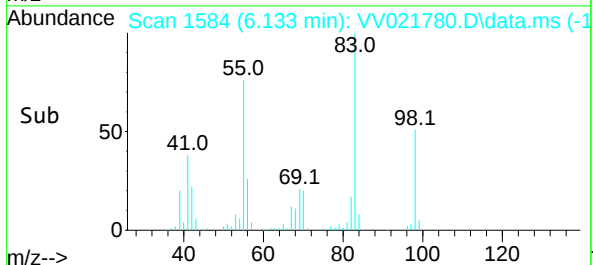
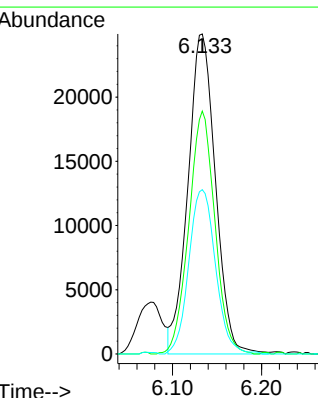
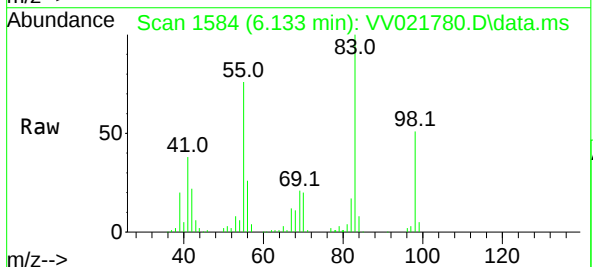
Tgt Ion: 83 Resp: 53486

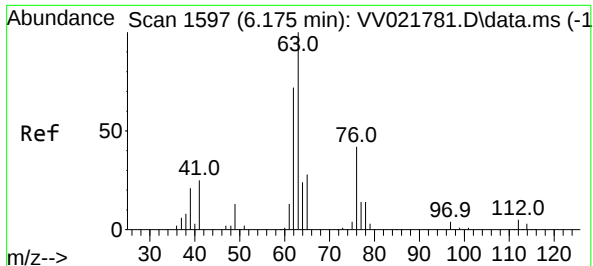
Ion Ratio Lower Upper

83 100

55 72.0 57.9 86.9

98 49.8 39.9 59.9



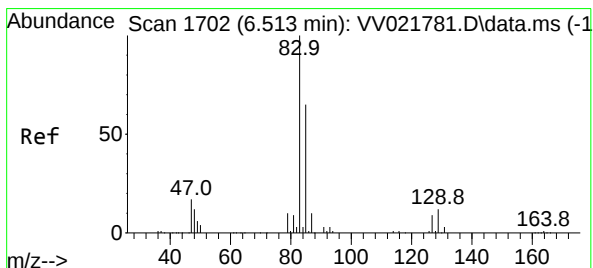
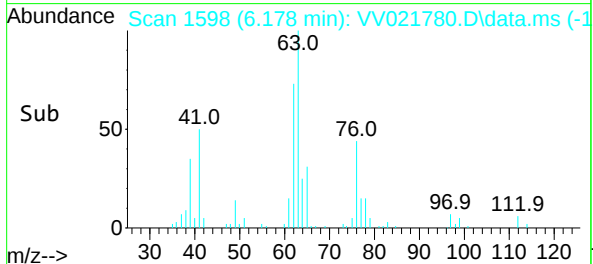
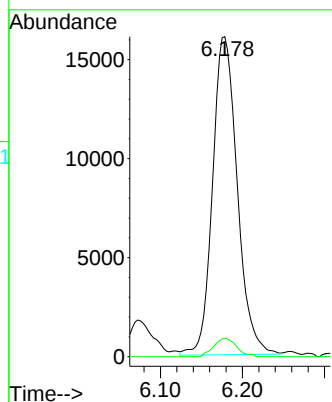
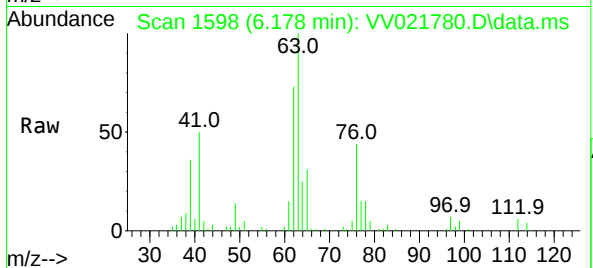


#37

1,2-Dichloropropane  
Concen: 11.260 ug/L  
RT: 6.178 min Scan# 1598  
Delta R.T. 0.003 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

Instrument :  
MSVOA\_V  
ClientSampled :

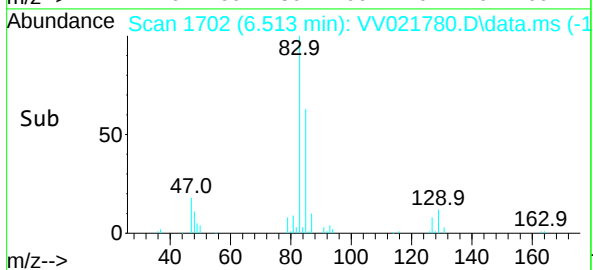
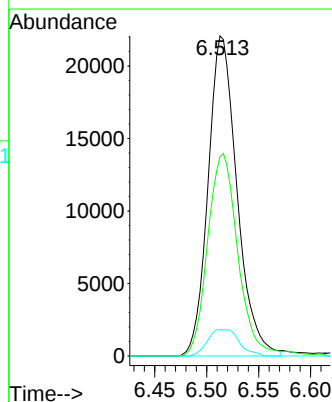
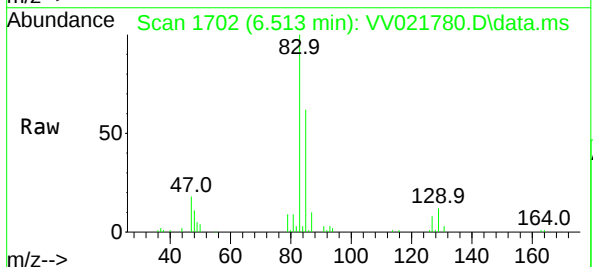
Tgt Ion: 63 Resp: 33699  
Ion Ratio Lower Upper  
63 100  
112 5.2 3.8 5.6

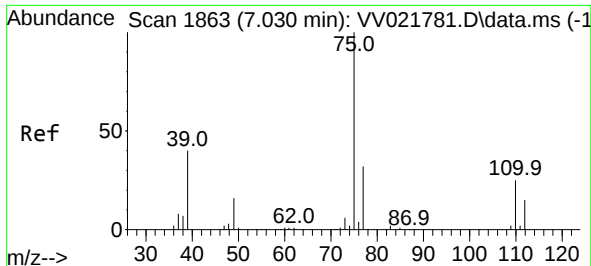


#38

Bromodichloromethane  
Concen: 9.439 ug/L  
RT: 6.513 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

Tgt Ion: 83 Resp: 42654  
Ion Ratio Lower Upper  
83 100  
85 62.3 45.7 84.9  
127 8.2 7.4 11.2

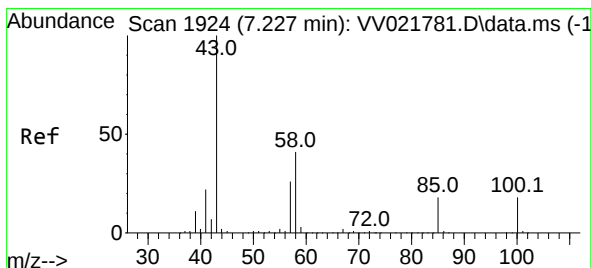
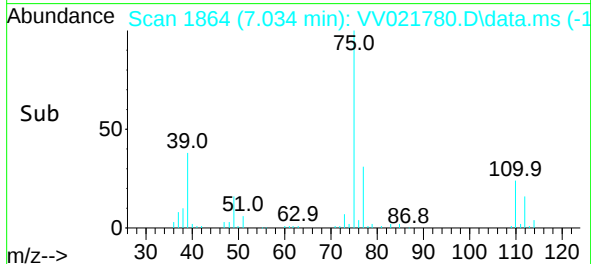
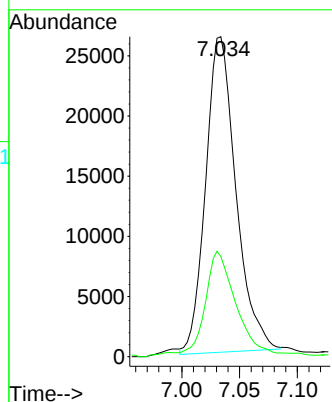
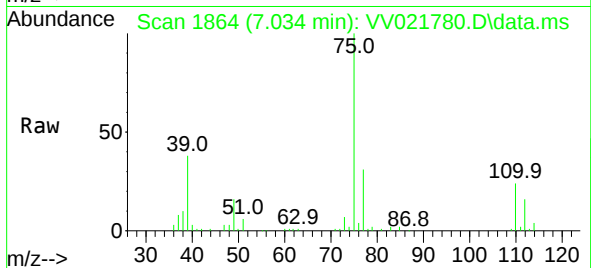




#39  
 cis-1,3-Dichloropropene  
 Concen: 9.943 ug/L  
 RT: 7.034 min Scan# 1864  
 Delta R.T. 0.003 min  
 Lab File: VV021780.D  
 Acq: 16 Aug 2021 09:54

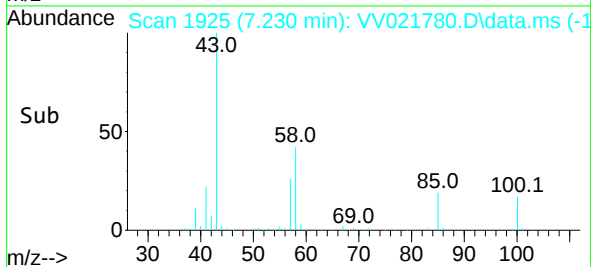
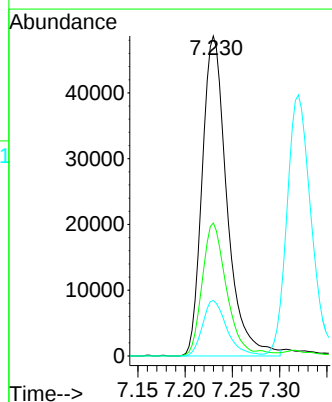
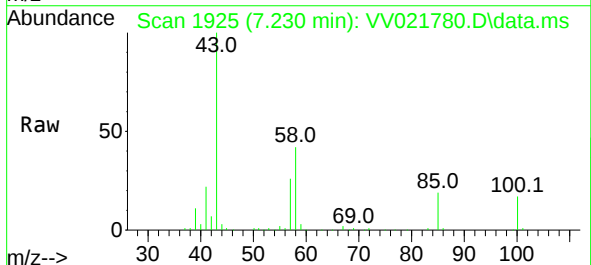
Instrument :  
 MSVOA\_V  
 ClientSampled :

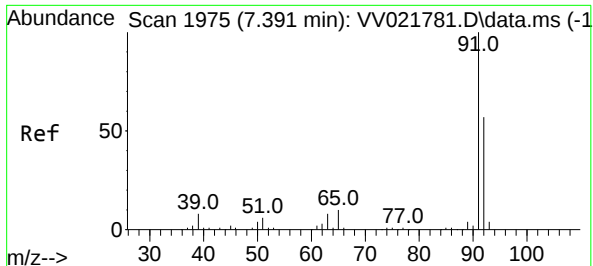
Tgt Ion: 75 Resp: 47852  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 22.5 41.9



#40  
 4-Methyl-2-pentanone  
 Concen: 23.842 ug/L  
 RT: 7.230 min Scan# 1925  
 Delta R.T. 0.003 min  
 Lab File: VV021780.D  
 Acq: 16 Aug 2021 09:54

Tgt Ion: 43 Resp: 88806  
 Ion Ratio Lower Upper  
 43 100  
 58 40.1 32.9 49.3  
 100 17.0 14.0 21.0





#42

Toluene

Concen: 10.446 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV021780.D

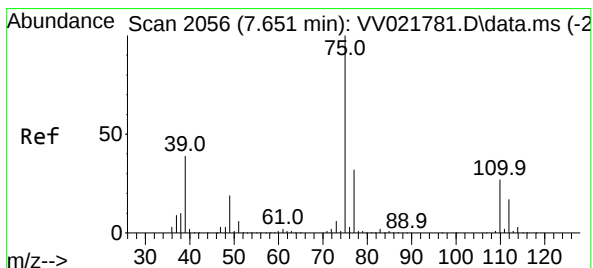
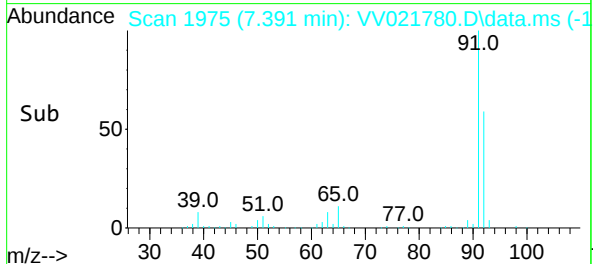
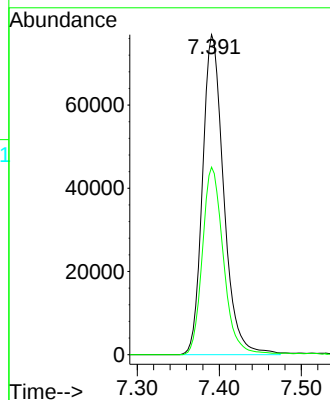
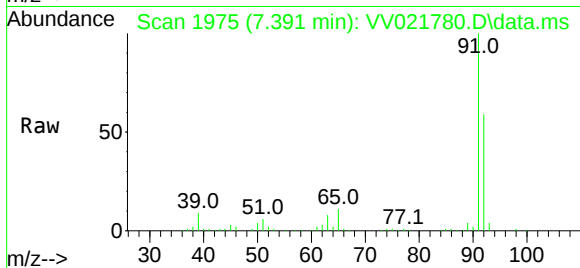
Acq: 16 Aug 2021 09:54

Tgt Ion: 91 Resp: 137845

Ion Ratio Lower Upper

91 100

92 58.6 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 9.505 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VV021780.D

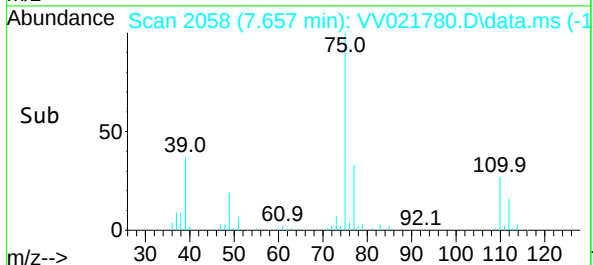
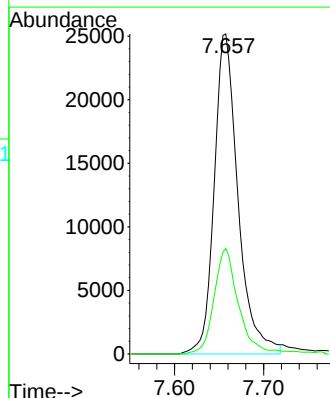
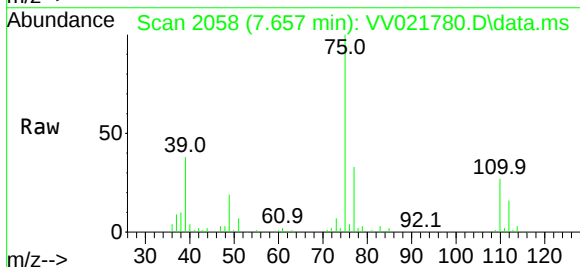
Acq: 16 Aug 2021 09:54

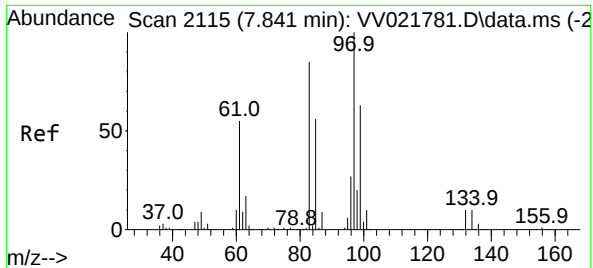
Tgt Ion: 75 Resp: 46785

Ion Ratio Lower Upper

75 100

77 33.0 22.2 41.2

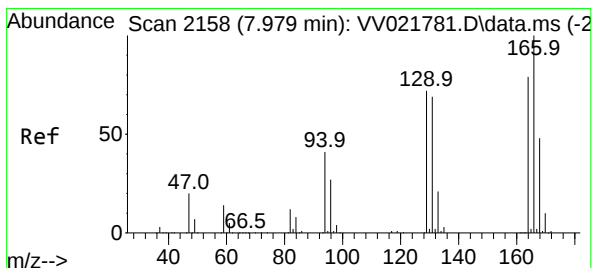
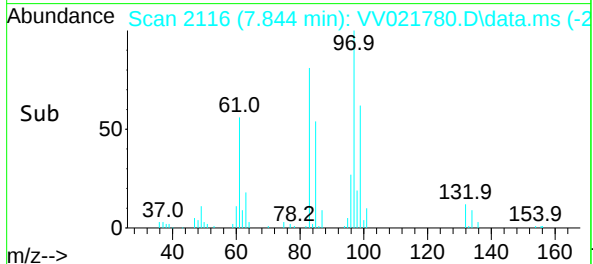
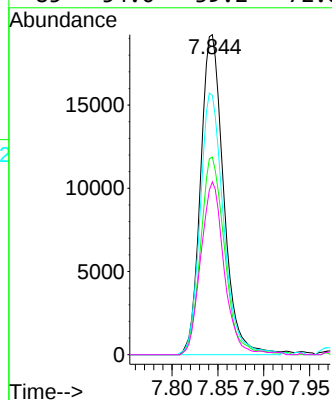
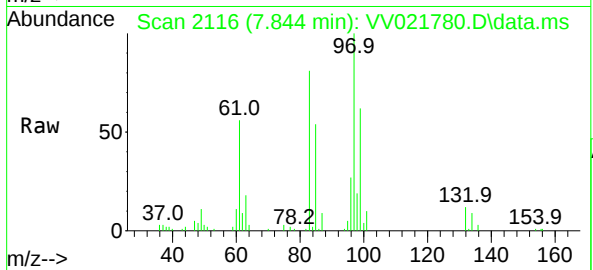




#45  
1,1,2-Trichloroethane  
Concen: 10.463 ug/L  
RT: 7.844 min Scan# 2116  
Delta R.T. 0.003 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

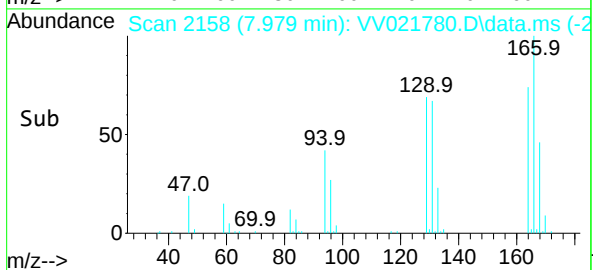
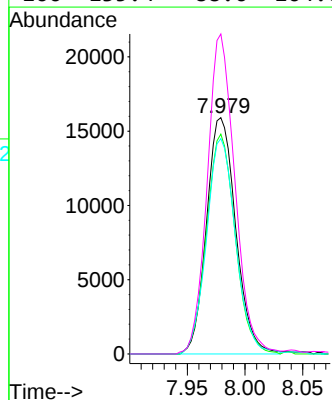
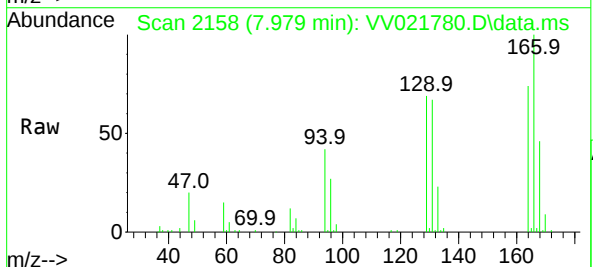
Instrument :  
MSVOA\_V  
ClientSampleId :

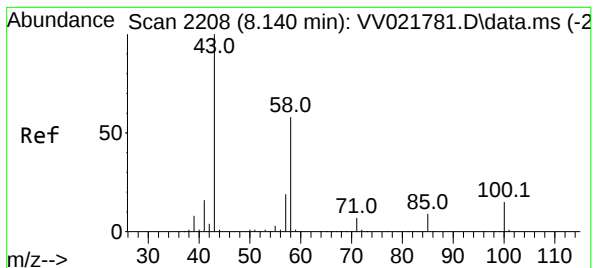
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 33638 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 61.7  | 44.2  | 82.0  |
| 83       | 81.1  | 59.2  | 110.0 |
| 85       | 54.0  | 39.2  | 72.8  |



#46  
Tetrachloroethene  
Concen: 9.611 ug/L  
RT: 7.979 min Scan# 2158  
Delta R.T. 0.000 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 28049 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 93.0  | 63.7  | 118.3 |
| 131      | 91.1  | 61.5  | 114.3 |
| 166      | 135.4 | 88.6  | 164.6 |

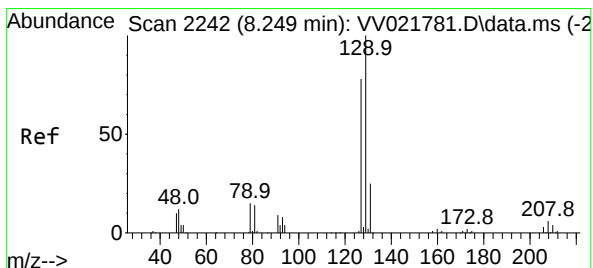
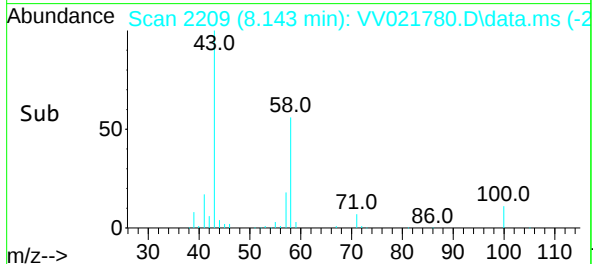
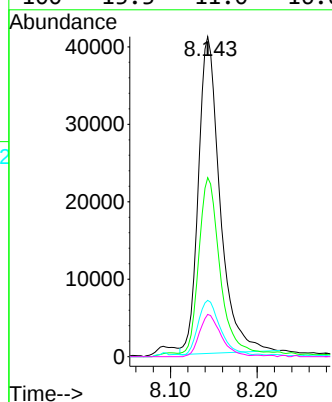
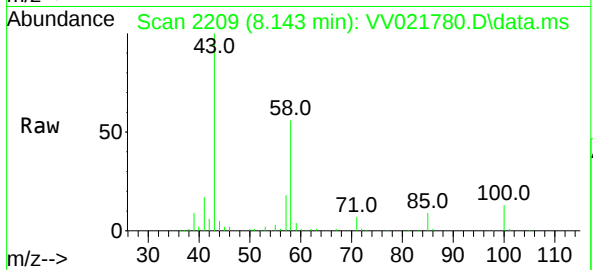




#48  
2-Hexanone  
Concen: 24.402 ug/L  
RT: 8.143 min Scan# 2209  
Delta R.T. 0.003 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

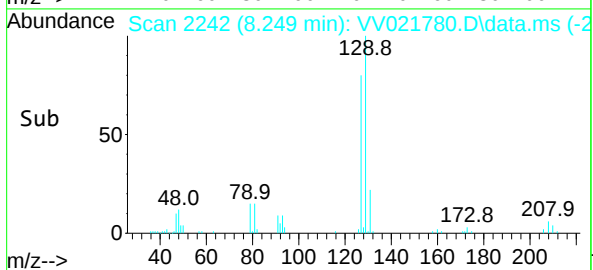
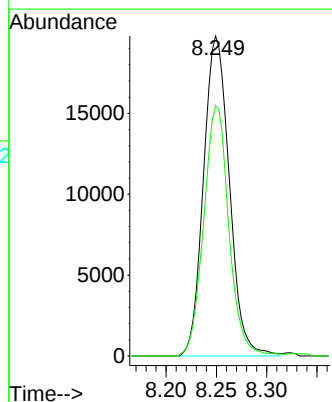
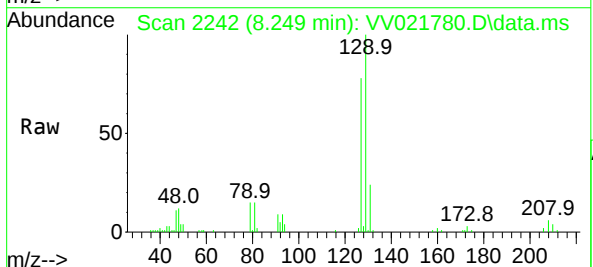
Instrument :  
MSVOA\_V  
ClientSampled :

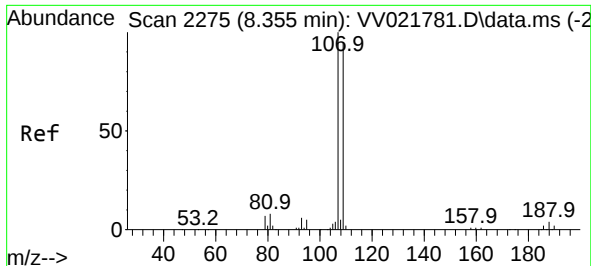
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 71070 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 54.4  | 45.4  | 68.2  |
| 57       | 18.9  | 15.3  | 22.9  |
| 100      | 13.3  | 11.0  | 16.6  |



#49  
Dibromochloromethane  
Concen: 9.134 ug/L  
RT: 8.249 min Scan# 2242  
Delta R.T. 0.000 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

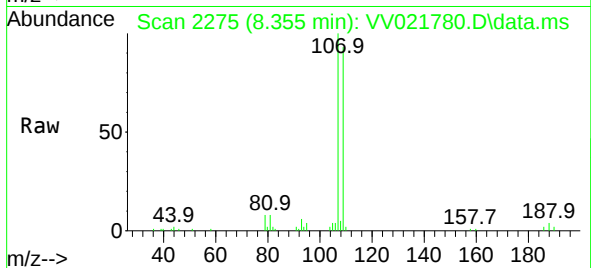
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 35284 |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 78.1  | 54.9  | 101.9 |



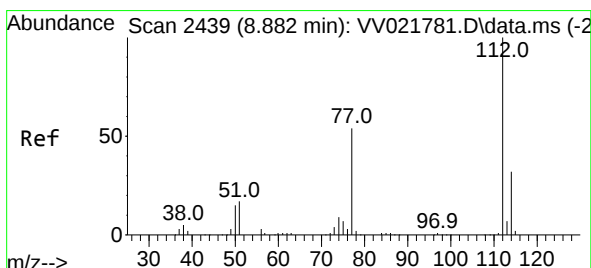
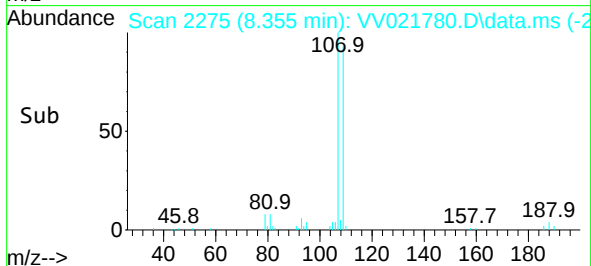
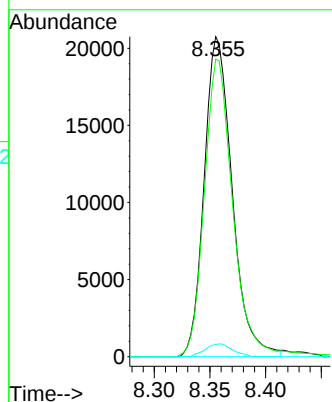


#50  
1,2-Dibromoethane  
Concen: 10.445 ug/L  
RT: 8.355 min Scan# 2275  
Delta R.T. 0.000 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

Instrument :  
MSVOA\_V  
ClientSampleId :

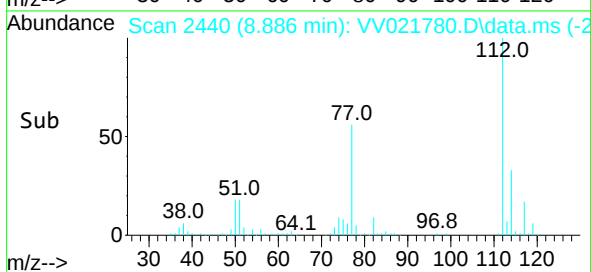
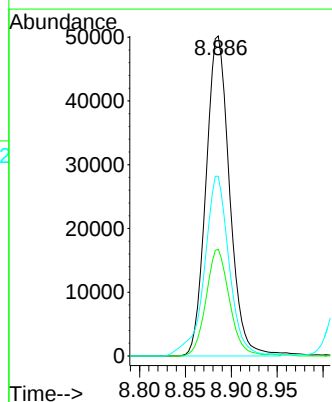
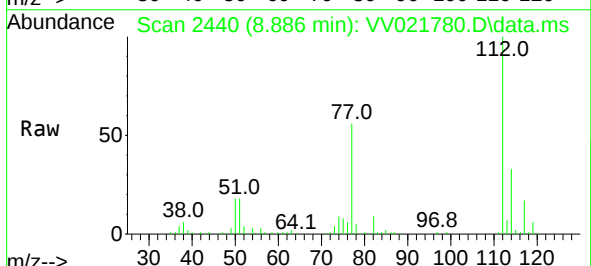


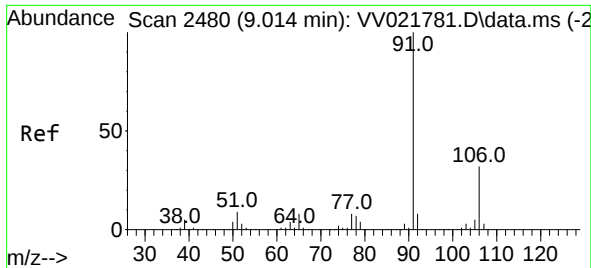
Tgt Ion:107 Resp: 36235  
Ion Ratio Lower Upper  
107 100  
109 92.9 66.3 123.1  
188 3.8 3.0 4.4



#51  
Chlorobenzene  
Concen: 9.931 ug/L  
RT: 8.886 min Scan# 2440  
Delta R.T. 0.003 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

Tgt Ion:112 Resp: 89762  
Ion Ratio Lower Upper  
112 100  
114 33.4 22.2 41.2  
77 56.1 43.7 65.5





#52

Ethylbenzene

Concen: 10.184 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.000 min

Lab File: VV021780.D

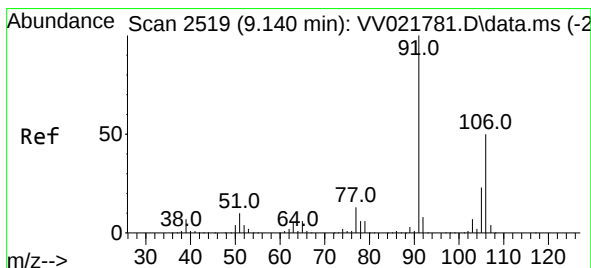
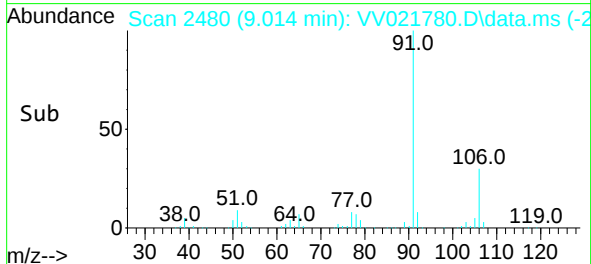
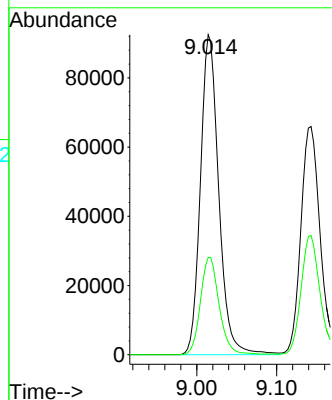
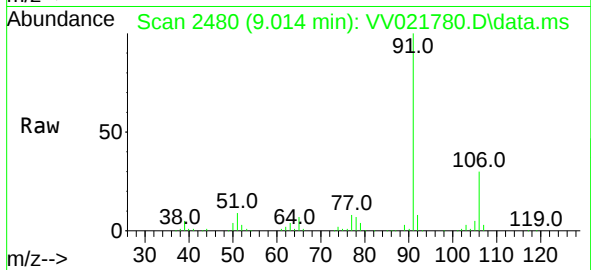
Acq: 16 Aug 2021 09:54

Tgt Ion: 91 Resp: 147617

Ion Ratio Lower Upper

91 100

106 30.4 22.2 41.2



#53

m,p-Xylene

Concen: 10.274 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.003 min

Lab File: VV021780.D

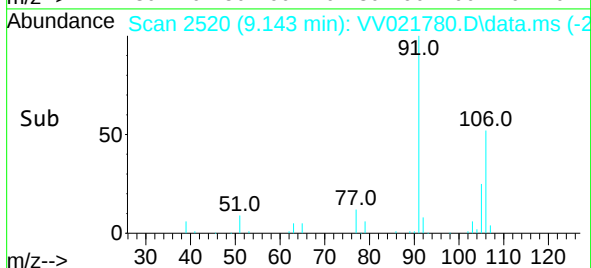
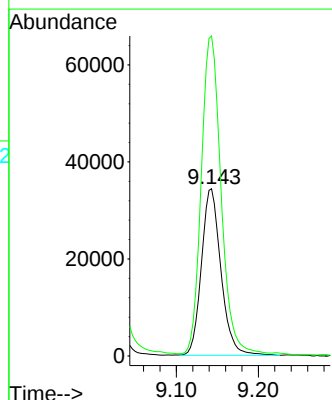
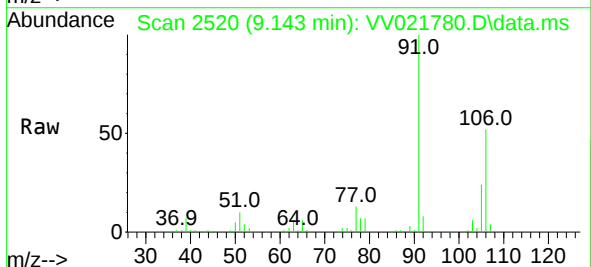
Acq: 16 Aug 2021 09:54

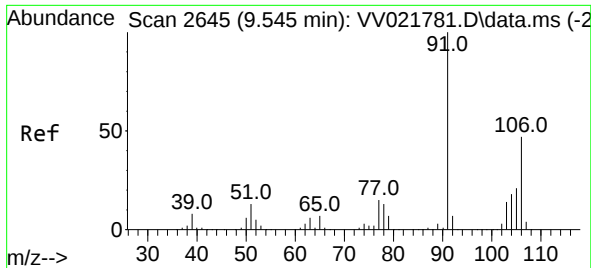
Tgt Ion: 106 Resp: 56737

Ion Ratio Lower Upper

106 100

91 191.3 139.2 258.6

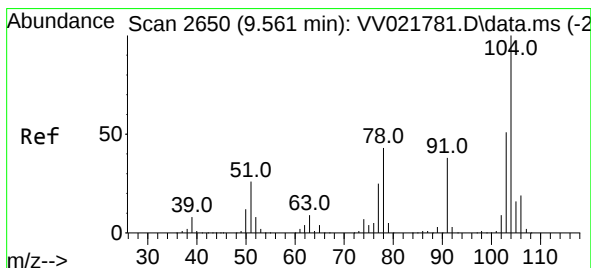
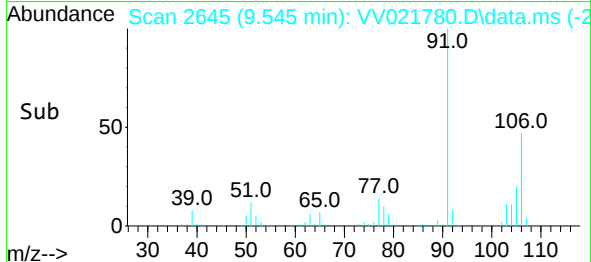
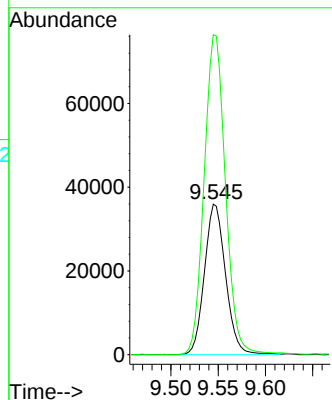
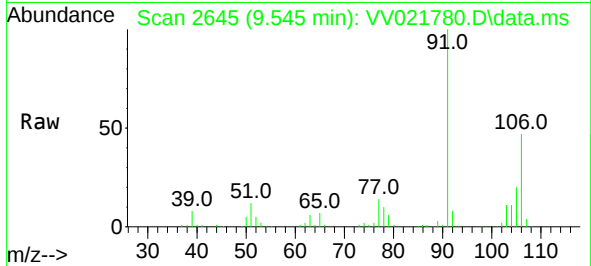




#54  
o-Xylene  
Concen: 10.264 ug/L  
RT: 9.545 min Scan# 2645  
Delta R.T. 0.000 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

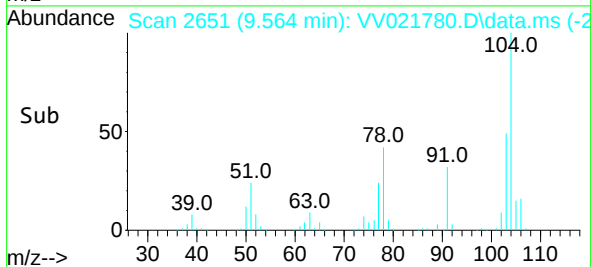
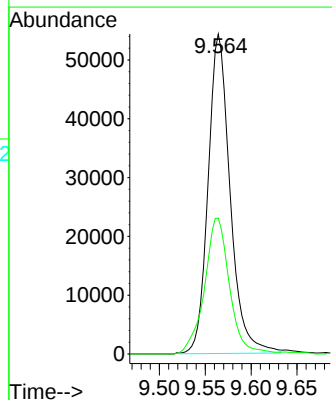
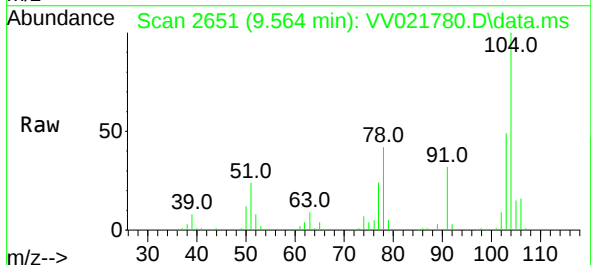
Instrument :  
MSVOA\_V  
ClientSampled :

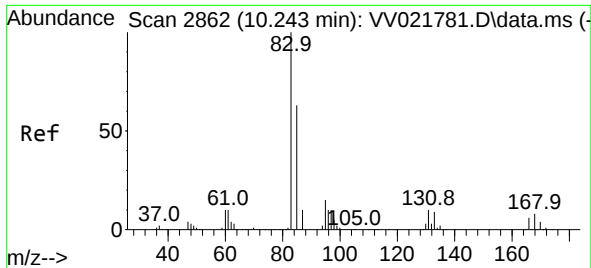
Tgt Ion:106 Resp: 55953  
Ion Ratio Lower Upper  
106 100  
91 212.5 148.1 275.0



#55  
Styrene  
Concen: 9.890 ug/L  
RT: 9.564 min Scan# 2651  
Delta R.T. 0.003 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

Tgt Ion:104 Resp: 90800  
Ion Ratio Lower Upper  
104 100  
78 42.4 30.2 56.2

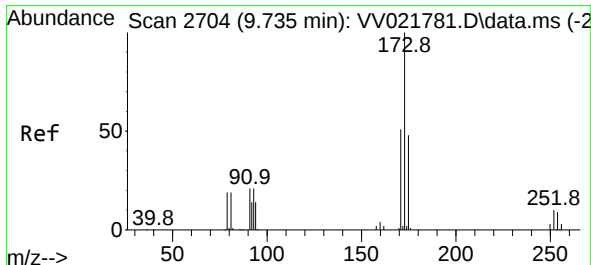
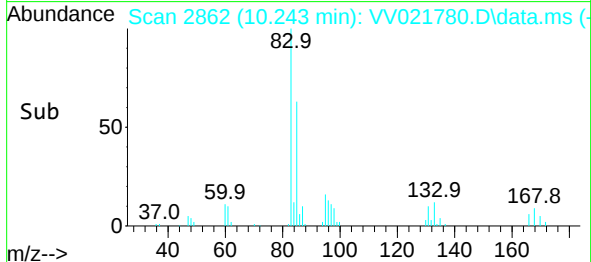
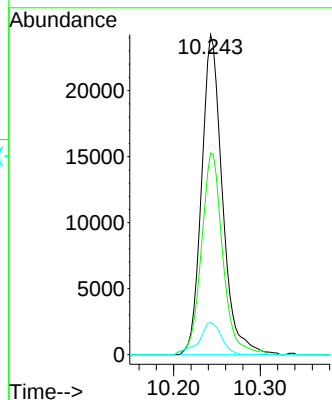
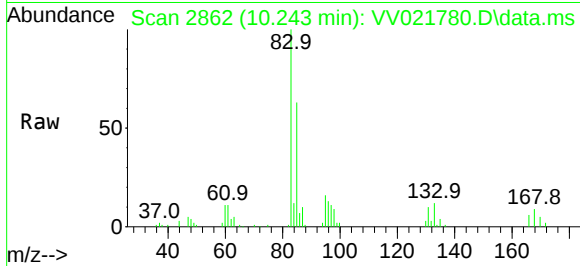




#57  
1,1,2,2-Tetrachloroethane  
Concen: 8.081 ug/L  
RT: 10.243 min Scan# 2862  
Delta R.T. 0.000 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

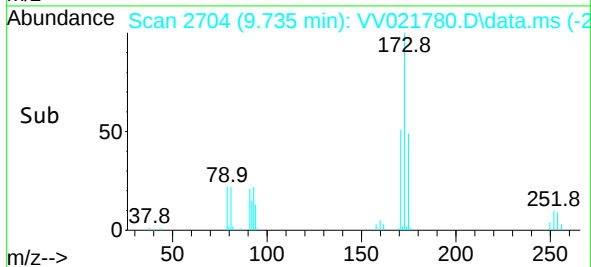
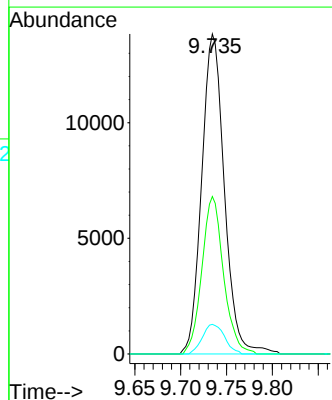
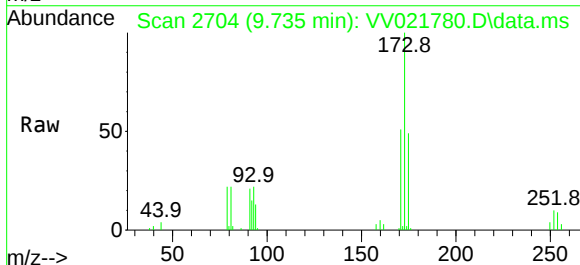
Instrument :  
MSVOA\_V  
ClientSampled :

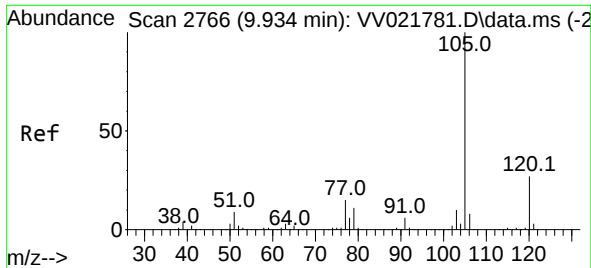
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 40402 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.0  | 44.4  | 82.5  |
| 131      | 10.1  | 7.9   | 11.9  |



#59  
Bromoform  
Concen: 9.145 ug/L  
RT: 9.735 min Scan# 2704  
Delta R.T. 0.000 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 23808 |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 47.0  | 38.6  | 58.0  |
| 254      | 9.0   | 7.2   | 10.8  |

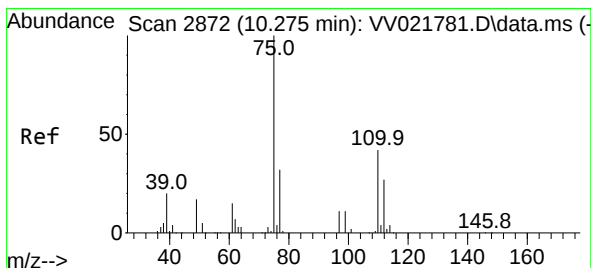
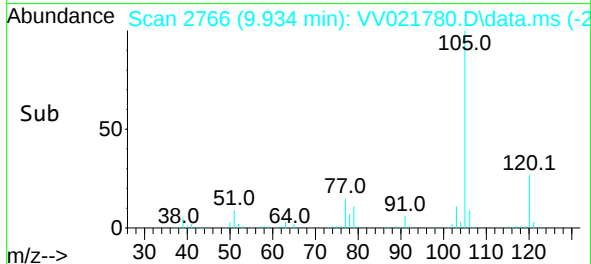
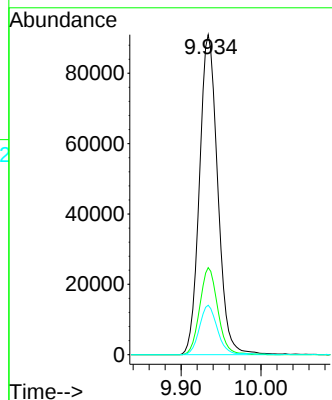
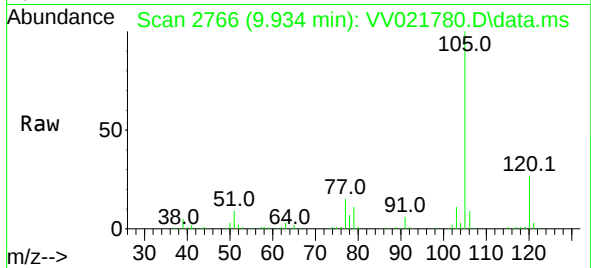




#60  
Isopropylbenzene  
Concen: 11.238 ug/L  
RT: 9.934 min Scan# 2766  
Delta R.T. 0.000 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

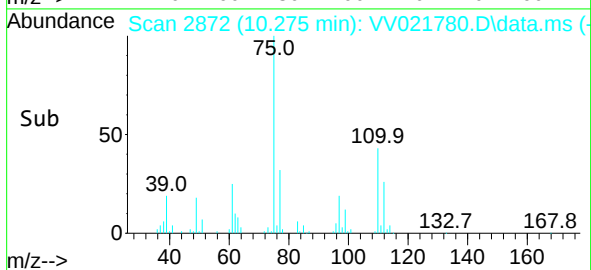
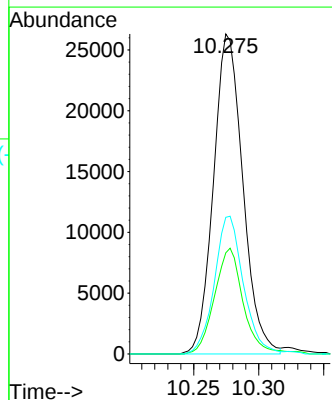
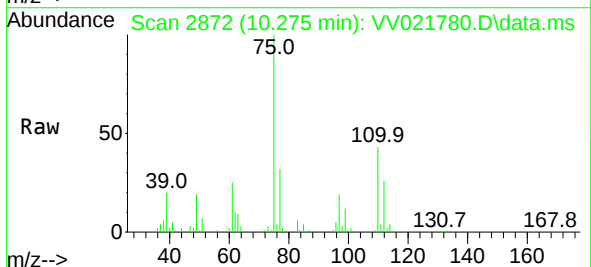
Instrument :  
MSVOA\_V  
ClientSampled :

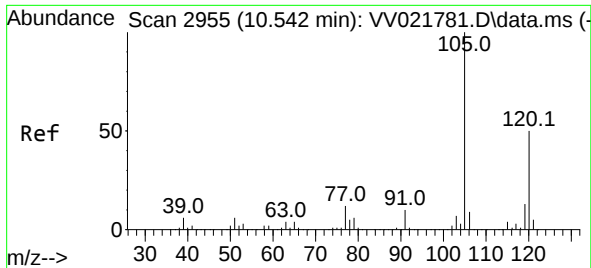
Tgt Ion:105 Resp: 144721  
Ion Ratio Lower Upper  
105 100  
120 26.8 21.3 31.9  
77 15.0 11.8 17.8



#61  
1,2,3-Trichloropropane  
Concen: 11.376 ug/L  
RT: 10.275 min Scan# 2872  
Delta R.T. 0.000 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

Tgt Ion: 75 Resp: 41263  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.5 38.3  
110 42.4 33.4 50.2

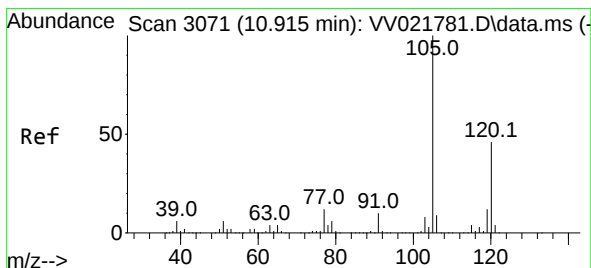
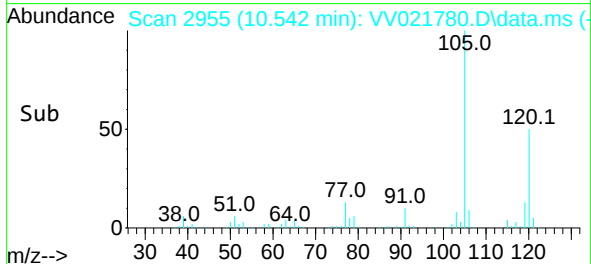
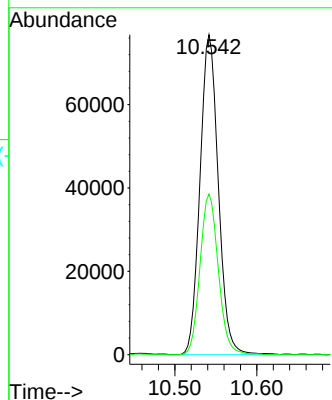
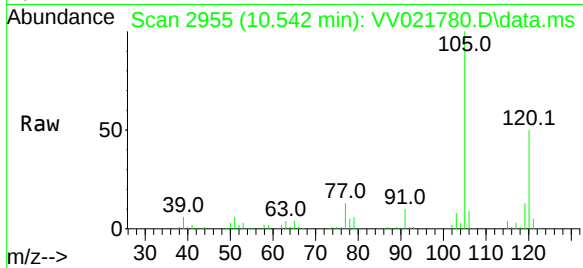




#62  
1,3,5-Trimethylbenzene  
Concen: 10.927 ug/L  
RT: 10.542 min Scan# 2955  
Delta R.T. 0.000 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

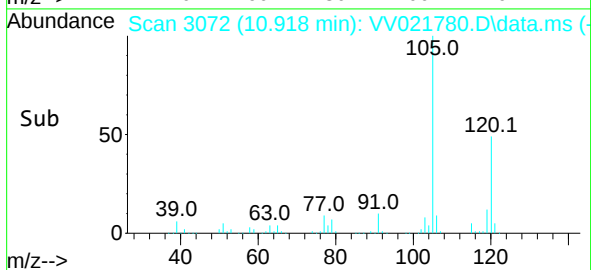
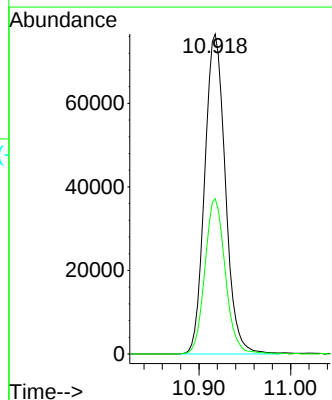
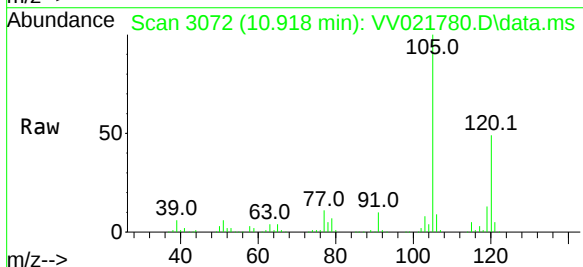
Instrument :  
MSVOA\_V  
ClientSampled :

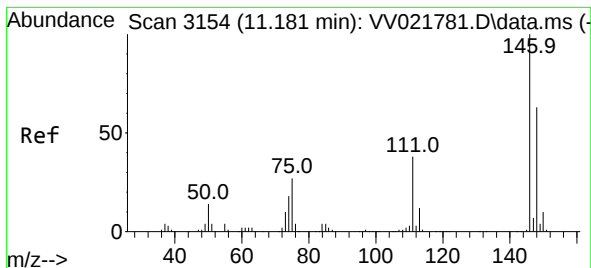
Tgt Ion:105 Resp: 119010  
Ion Ratio Lower Upper  
105 100  
120 50.1 40.2 60.4



#63  
1,2,4-Trimethylbenzene  
Concen: 11.006 ug/L  
RT: 10.918 min Scan# 3072  
Delta R.T. 0.003 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

Tgt Ion:105 Resp: 120068  
Ion Ratio Lower Upper  
105 100  
120 47.8 37.3 55.9





#64

1,3-Dichlorobenzene

Concen: 10.778 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.003 min

Lab File: VV021780.D

Acq: 16 Aug 2021 09:54

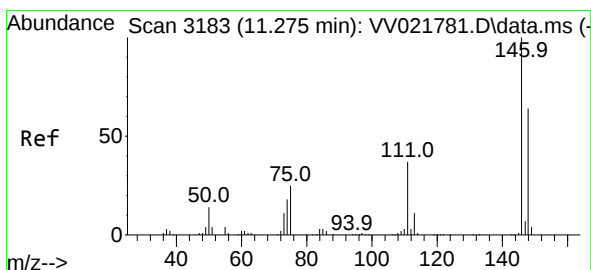
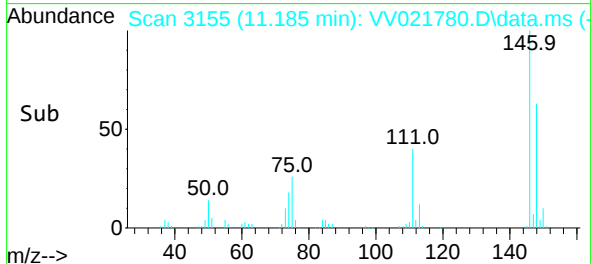
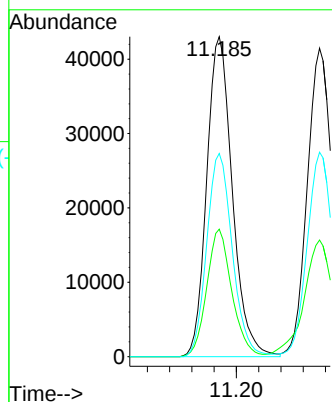
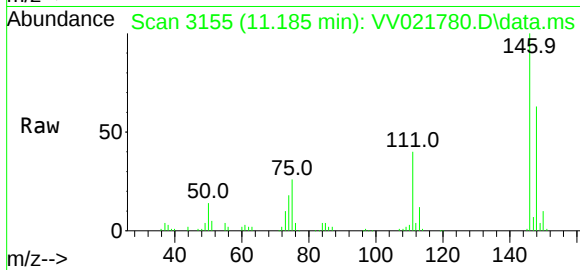
Tgt Ion:146 Resp: 68746

Ion Ratio Lower Upper

146 100

111 39.8 26.5 49.1

148 63.5 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 10.298 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VV021780.D

Acq: 16 Aug 2021 09:54

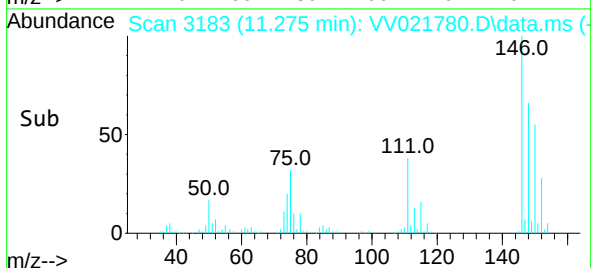
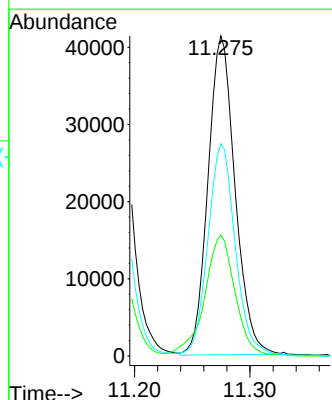
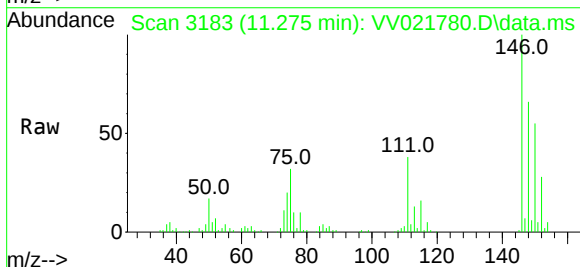
Tgt Ion:146 Resp: 67306

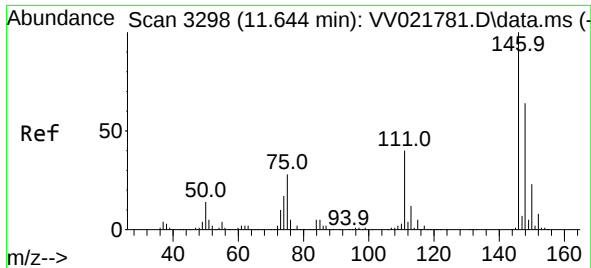
Ion Ratio Lower Upper

146 100

111 37.8 26.2 48.6

148 66.3 45.1 83.9

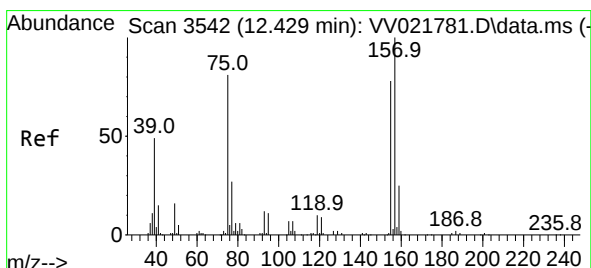
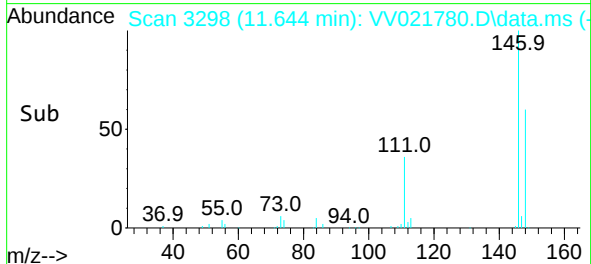
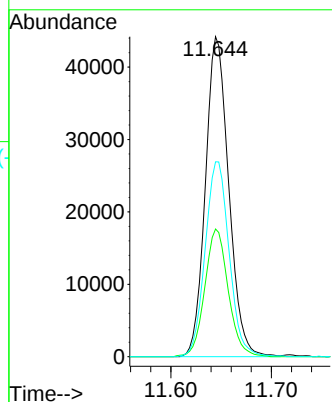
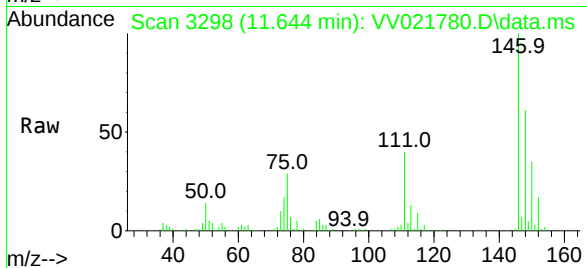




#67  
1,2-Dichlorobenzene  
Concen: 10.837 ug/L  
RT: 11.644 min Scan# 3298  
Delta R.T. 0.000 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

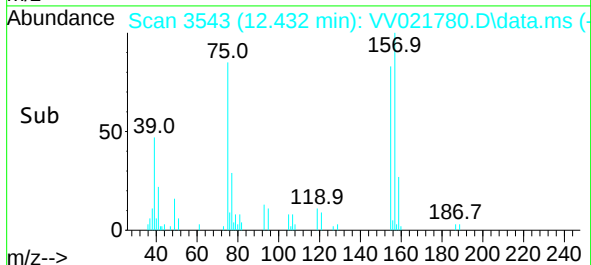
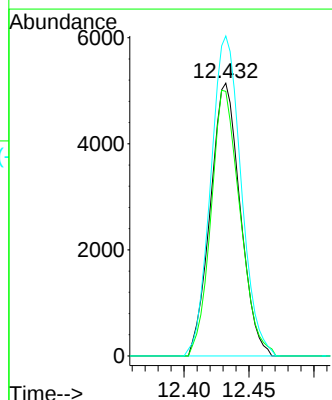
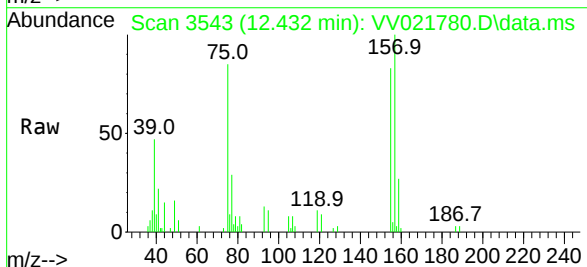
Instrument :  
MSVOA\_V  
ClientSampled :

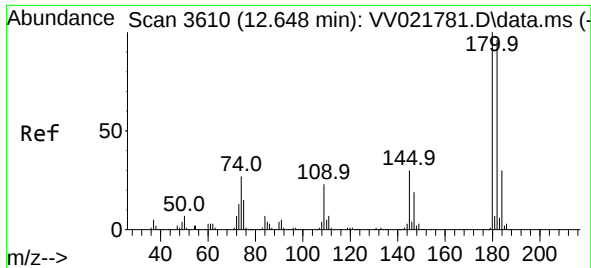
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 71332 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 39.9  | 31.8  | 47.8  |
| 148      | 60.9  | 51.0  | 76.6  |



#68  
1,2-Dibromo-3-chloropropane  
Concen: 7.798 ug/L  
RT: 12.432 min Scan# 3543  
Delta R.T. 0.003 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

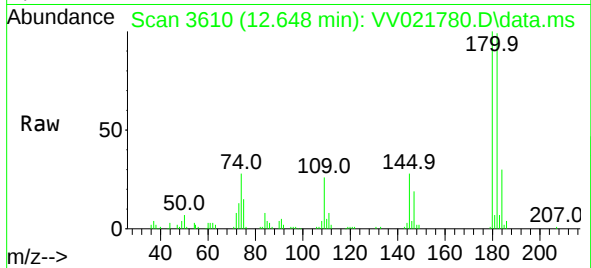
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 8180  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 97.0  | 77.8  | 116.8 |
| 157      | 117.3 | 99.4  | 149.0 |



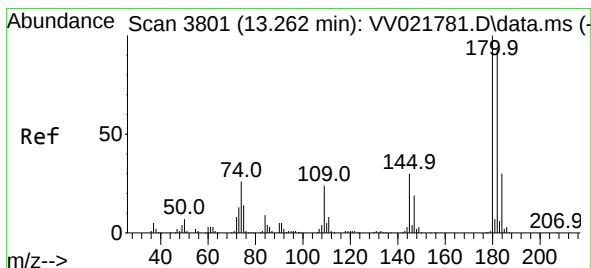
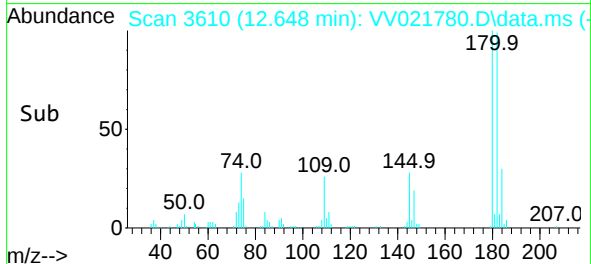
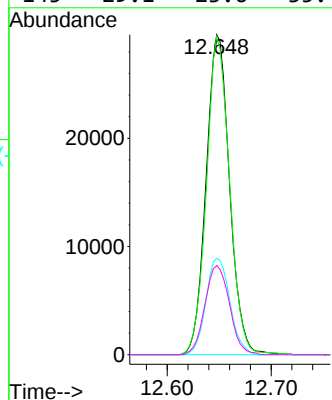


#69  
1,3,5-Trichlorobenzene  
Concen: 9.450 ug/L  
RT: 12.648 min Scan# 3610  
Delta R.T. 0.000 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

Instrument :  
MSVOA\_V  
ClientSampled :

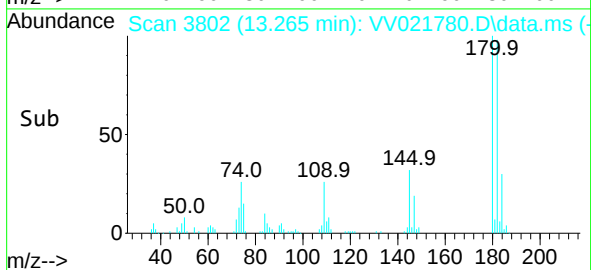
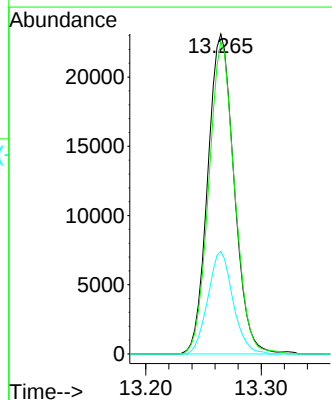
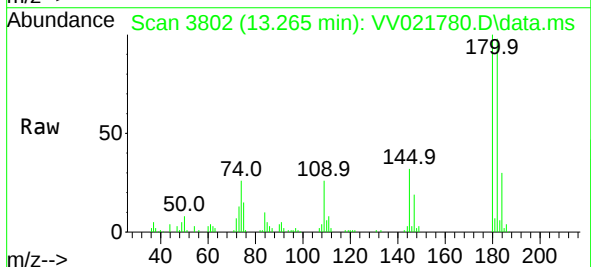


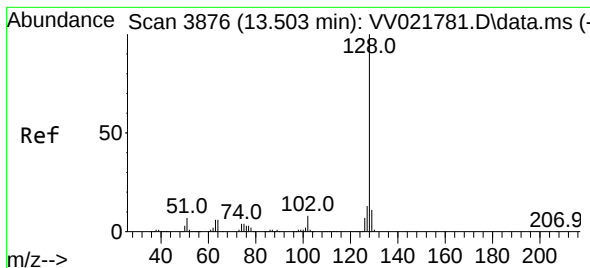
Tgt Ion:180 Resp: 46324  
Ion Ratio Lower Upper  
180 100  
182 97.7 76.8 115.2  
184 30.7 24.1 36.1  
145 29.1 23.6 35.4



#70  
1,2,4-trichlorobenzene  
Concen: 9.076 ug/L  
RT: 13.265 min Scan# 3802  
Delta R.T. 0.003 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

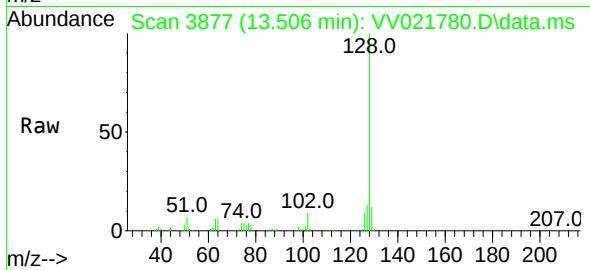
Tgt Ion:180 Resp: 36637  
Ion Ratio Lower Upper  
180 100  
182 95.4 75.8 113.6  
145 30.5 23.9 35.9



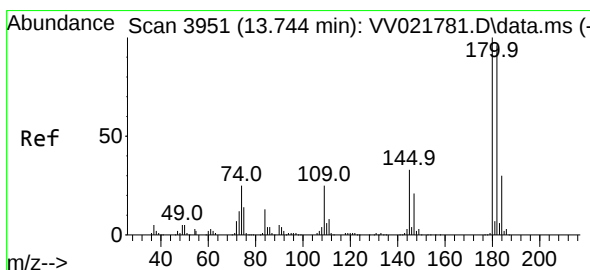
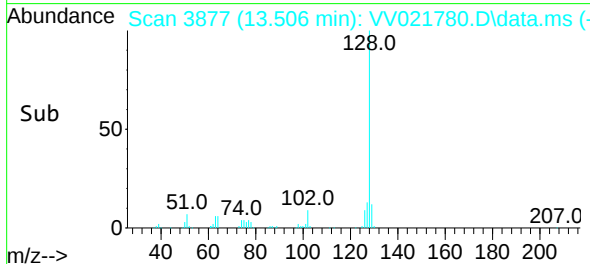
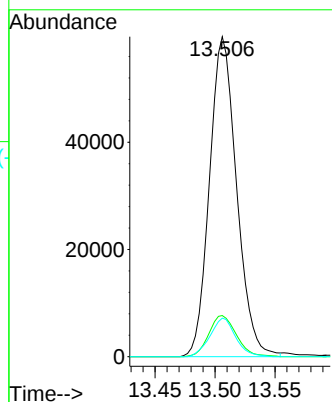


#71  
Naphthalene  
Concen: 8.343 ug/L  
RT: 13.506 min Scan# 3877  
Delta R.T. 0.003 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

Instrument :  
MSVOA\_V  
ClientSampled :



Tgt Ion:128 Resp: 94009  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.0 15.0  
129 11.4 8.5 12.7



#72  
1,2,3-Trichlorobenzene  
Concen: 9.186 ug/L  
RT: 13.747 min Scan# 3952  
Delta R.T. 0.003 min  
Lab File: VV021780.D  
Acq: 16 Aug 2021 09:54

Tgt Ion:180 Resp: 37371  
Ion Ratio Lower Upper  
180 100  
182 94.0 76.2 114.2  
145 31.5 25.6 38.4

