

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW062921\  
 Data File : VW021575.D  
 Acq On : 29 Jun 2021 11:30  
 Operator : SY/MD  
 Sample : VSTD20064  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jun 30 03:57:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 30 03:55:26 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114  | 471791   | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117  | 446419   | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152  | 239394   | 50.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65   | 594821   | 192.525 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.548  | 69   | 450256   | 191.675 | ug/L   | -0.02    |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63   | 1047797  | 195.363 | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 3.870  | 46   | 1040533  | 450.265 | ug/L   | -0.03    |
| 24) Chloroform-d              | 4.349  | 84   | 1235776  | 198.735 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65   | 732435   | 203.432 | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.050  | 84   | 2464156  | 197.064 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67   | 783894   | 202.804 | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.317  | 98   | 2283724  | 192.990 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79   | 396473   | 194.168 | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 8.088  | 63   | 800431   | 446.692 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84   | 1081719  | 201.958 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152  | 944092   | 190.867 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.127  | 85   | 765020   | 221.757 | ug/L   | 100      |
| 3) Chloromethane              | 1.240  | 50   | 731229   | 214.988 | ug/L   | 97       |
| 5) Vinyl chloride             | 1.307  | 62   | 744900   | 216.167 | ug/L   | 100      |
| 6) Bromomethane               | 1.503  | 94   | 229839   | 98.018  | ug/L   | 99       |
| 8) Chloroethane               | 1.568  | 64   | 407839   | 206.214 | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 1.741  | 101  | 964598   | 194.664 | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111  | 101  | 520190   | 180.369 | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 2.114  | 96   | 508787   | 183.581 | ug/L   | 93       |
| 13) Acetone                   | 2.159  | 43   | 593853   | 298.504 | ug/L # | 100      |
| 14) Carbon disulfide          | 2.288  | 76   | 1820565  | 204.491 | ug/L   | 100      |
| 15) Methyl Acetate            | 2.423  | 43   | 754716   | 219.406 | ug/L   | 100      |
| 16) Methylene chloride        | 2.503  | 84   | 663213   | 188.713 | ug/L   | 99       |
| 17) trans-1,2-Dichloroethene  | 2.757  | 96   | 638376   | 199.971 | ug/L   | 100      |
| 18) Methyl tert-butyl Ether   | 2.767  | 73   | 2033044  | 199.434 | ug/L   | 100      |
| 19) 1,1-Dichloroethane        | 3.188  | 63   | 1146807  | 201.469 | ug/L   | 100      |
| 20) cis-1,2-Dichloroethene    | 3.908  | 96   | 710293   | 198.589 | ug/L   | 98       |
| 22) 2-Butanone                | 3.953  | 43   | 1071575  | 422.170 | ug/L   | 98       |
| 23) Bromochloromethane        | 4.246  | 128  | 371616   | 189.661 | ug/L   | 96       |
| 25) Chloroform                | 4.375  | 83   | 1163322  | 197.601 | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 5.130  | 62   | 856660   | 208.644 | ug/L   | 100      |
| 29) Cyclohexane               | 4.677  | 56   | 1056991  | 200.474 | ug/L   | 100      |
| 30) 1,1,1-Trichloroethane     | 4.609  | 97   | 1062406  | 192.258 | ug/L   | 99       |
| 31) Carbon tetrachloride      | 4.828  | 117  | 937223   | 187.740 | ug/L   | 100      |
| 33) Benzene                   | 5.098  | 78   | 2559789  | 197.499 | ug/L   | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 685983   | 195.800 | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.133  | 83   | 1096558  | 194.729 | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 671529   | 203.450 | ug/L   | 100      |
| 38) Bromodichloromethane      | 6.510  | 83   | 917485   | 199.083 | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 7.027  | 75   | 1129968  | 204.218 | ug/L   | 100      |
| 40) 4-Methyl-2-pentanone      | 7.227  | 43   | 1985745  | 434.762 | ug/L   | 99       |
| 42) Toluene                   | 7.391  | 91   | 2735086  | 191.715 | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 7.651  | 75   | 1074771  | 204.943 | ug/L   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV062921\  
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 Sample : VSTD20064  
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jun 30 03:57:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 30 03:55:26 2021  
 Response via : Initial Calibration

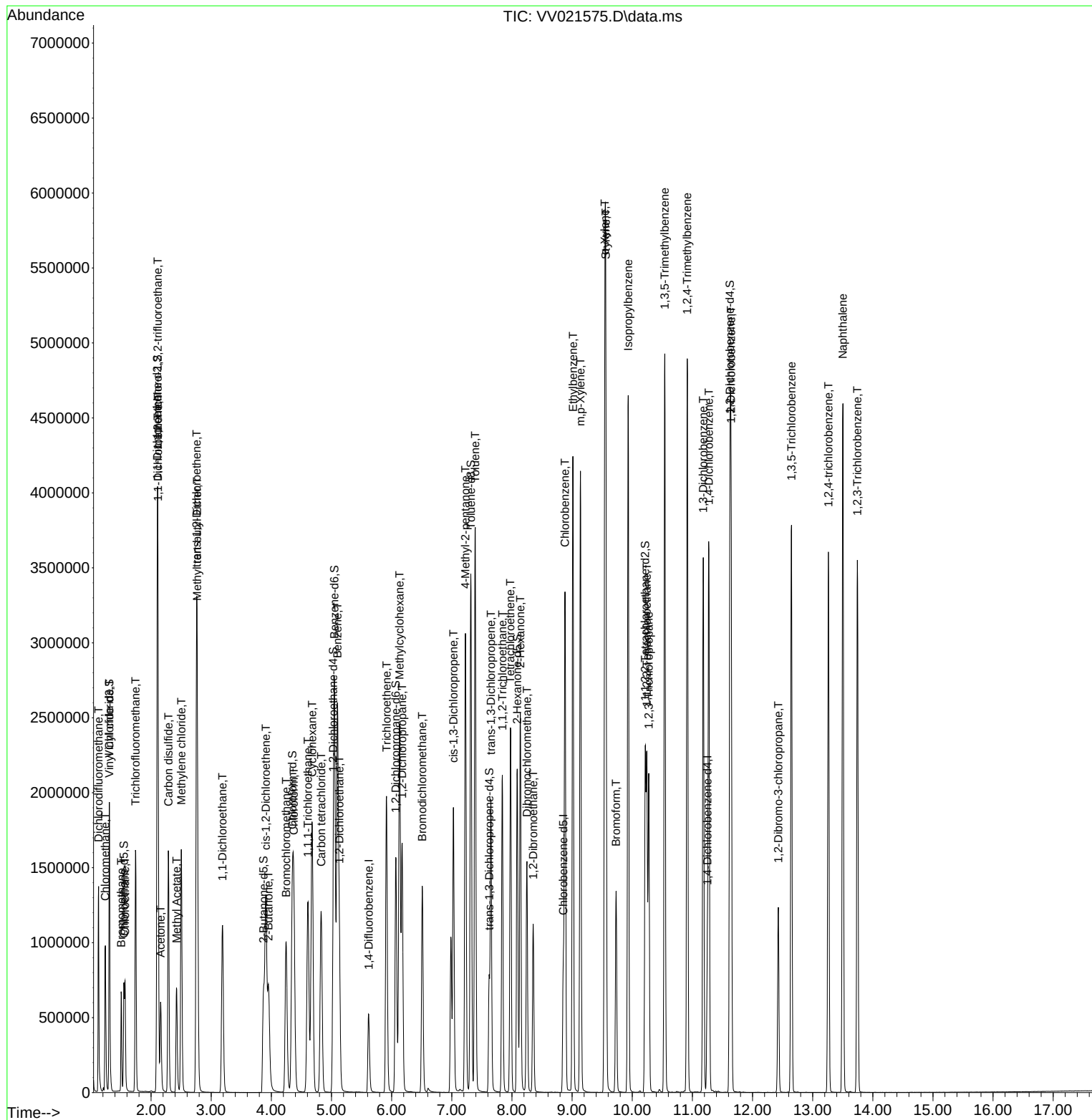
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 656937   | 197.133 | ug/L  | 99       |
| 46) Tetrachloroethene         | 7.976  | 164  | 554410   | 176.903 | ug/L  | 99       |
| 48) 2-Hexanone                | 8.140  | 43   | 1508351  | 429.233 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.249  | 129  | 781758   | 189.749 | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 729816   | 198.568 | ug/L  | 99       |
| 51) Chlorobenzene             | 8.883  | 112  | 1801887  | 191.783 | ug/L  | 98       |
| 52) Ethylbenzene              | 9.014  | 91   | 2992760  | 191.578 | ug/L  | 99       |
| 53) m,p-Xylene                | 9.140  | 106  | 1172745  | 195.461 | ug/L  | 100      |
| 54) o-Xylene                  | 9.545  | 106  | 1149192  | 193.496 | ug/L  | 99       |
| 55) Styrene                   | 9.561  | 104  | 1979835  | 194.390 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.243 | 83   | 1066202  | 203.747 | ug/L  | 100      |
| 59) Bromoform                 | 9.731  | 173  | 608969   | 189.718 | ug/L  | 100      |
| 60) Isopropylbenzene          | 9.934  | 105  | 2998160  | 198.202 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 842789   | 214.633 | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 10.542 | 105  | 2600069  | 199.971 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 2636551  | 200.770 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 1454382  | 193.406 | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.275 | 146  | 1455145  | 191.706 | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.644 | 146  | 1451031  | 191.990 | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 296270   | 242.715 | ug/L  | 99       |
| 69) 1,3,5-Trichlorobenzene    | 12.648 | 180  | 1175232  | 189.193 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 1099546  | 199.526 | ug/L  | 99       |
| 71) Naphthalene               | 13.503 | 128  | 3590283  | 231.657 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.744 | 180  | 1066833  | 198.047 | ug/L  | 99       |

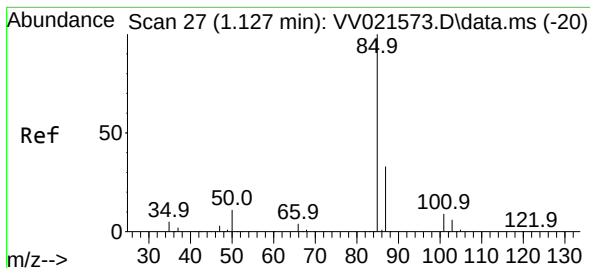
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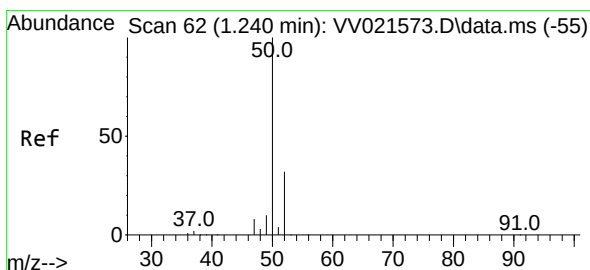
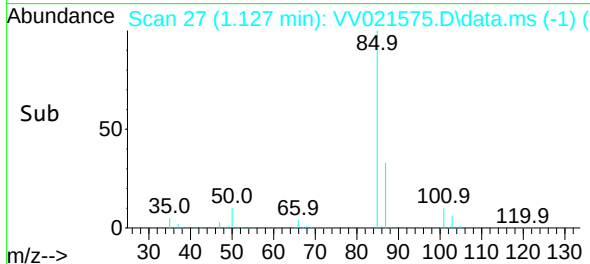
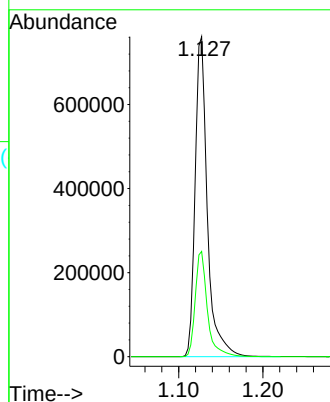
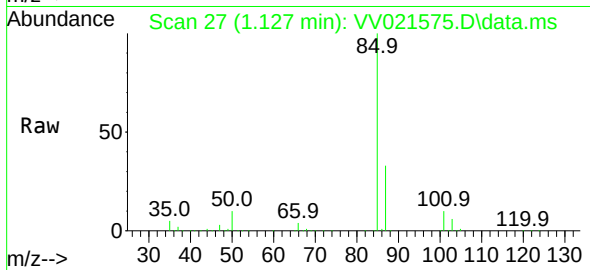




#2  
 Dichlorodifluoromethane  
 Concen: 221.757 ug/L  
 RT: 1.127 min Scan# 27  
 Delta R.T. 0.000 min  
 Lab File: VV021575.D  
 Acq: 29 Jun 2021 11:30

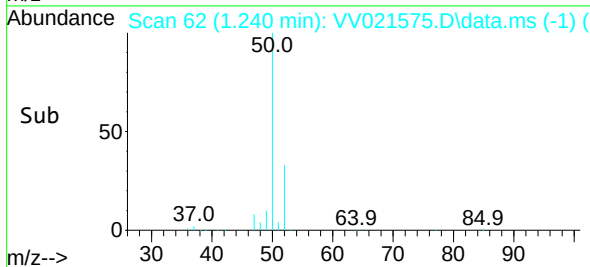
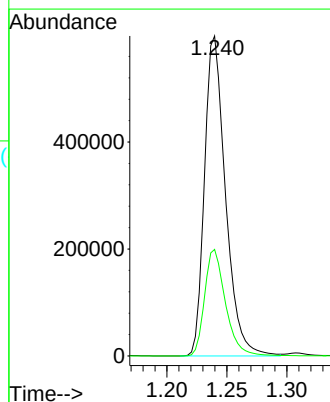
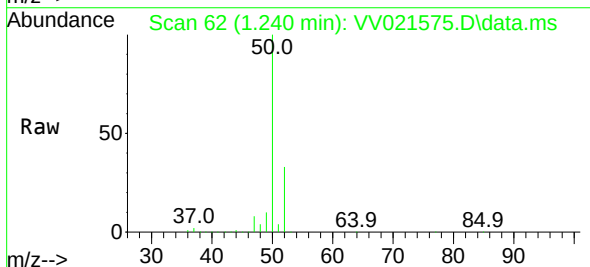
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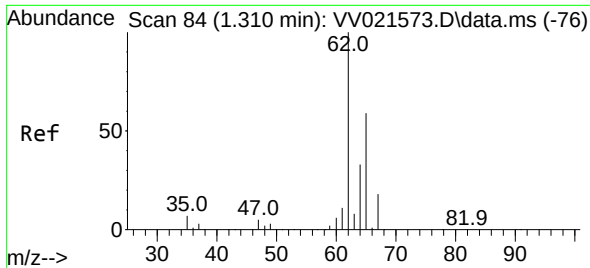
Tgt Ion: 85 Resp: 765020  
 Ion Ratio Lower Upper  
 85 100  
 87 32.8 26.1 39.1



#3  
 Chloromethane  
 Concen: 214.988 ug/L  
 RT: 1.240 min Scan# 62  
 Delta R.T. 0.000 min  
 Lab File: VV021575.D  
 Acq: 29 Jun 2021 11:30

Tgt Ion: 50 Resp: 731229  
 Ion Ratio Lower Upper  
 50 100  
 52 33.3 22.3 41.5

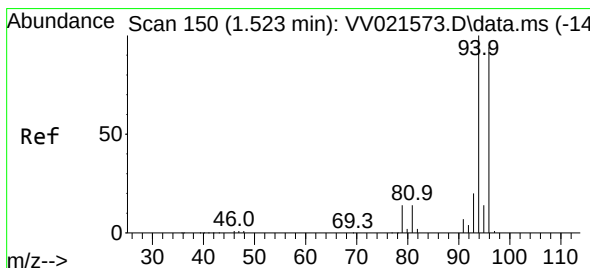
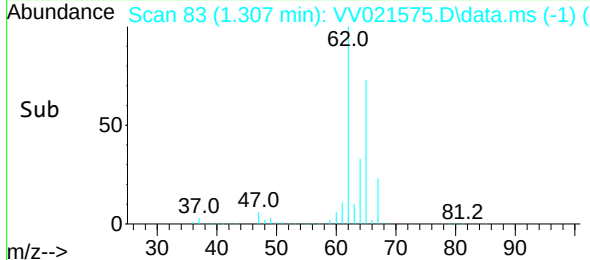
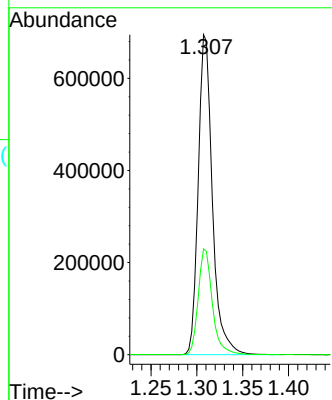
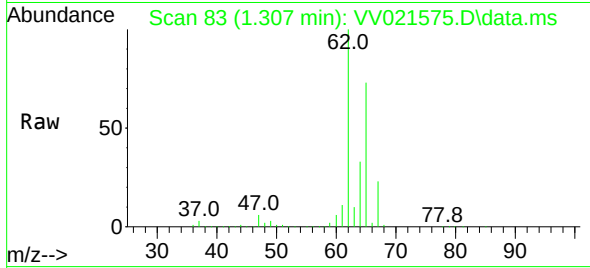




#5  
 Vinyl chloride  
 Concen: 216.167 ug/L  
 RT: 1.307 min Scan# 83  
 Delta R.T. -0.003 min  
 Lab File: VV021575.D  
 Acq: 29 Jun 2021 11:30

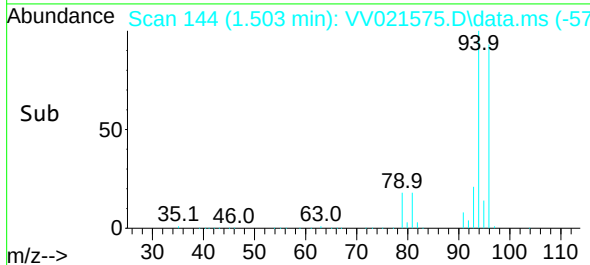
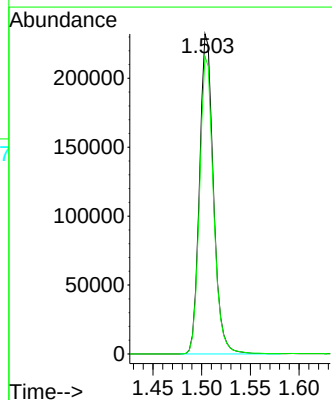
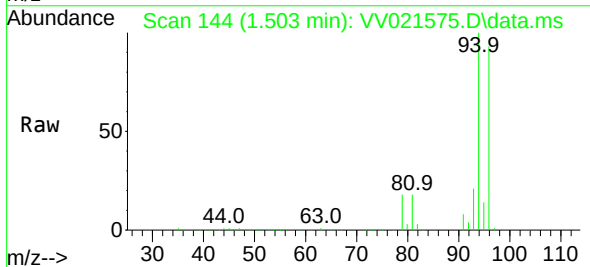
Instrument :  
 MSVOA\_V  
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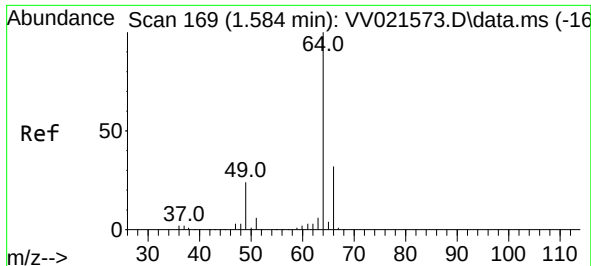
Tgt Ion: 62 Resp: 744900  
 Ion Ratio Lower Upper  
 62 100  
 64 33.1 23.3 43.3



#6  
 Bromomethane  
 Concen: 98.018 ug/L  
 RT: 1.503 min Scan# 144  
 Delta R.T. -0.019 min  
 Lab File: VV021575.D  
 Acq: 29 Jun 2021 11:30

Tgt Ion: 94 Resp: 229839  
 Ion Ratio Lower Upper  
 94 100  
 96 92.9 65.5 121.7

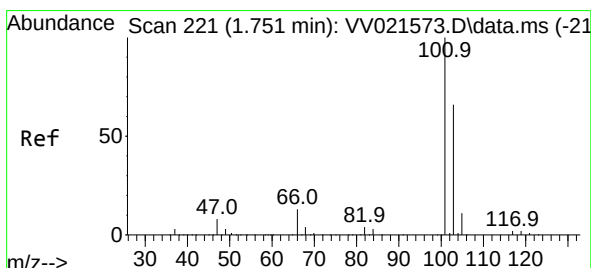
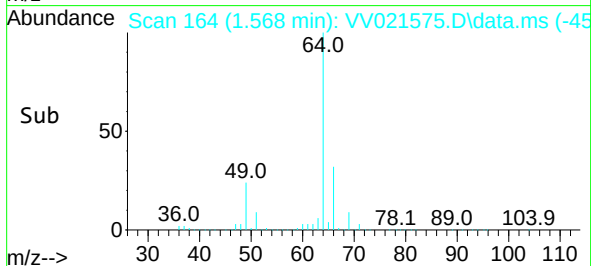
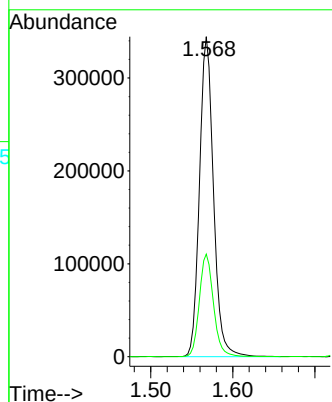
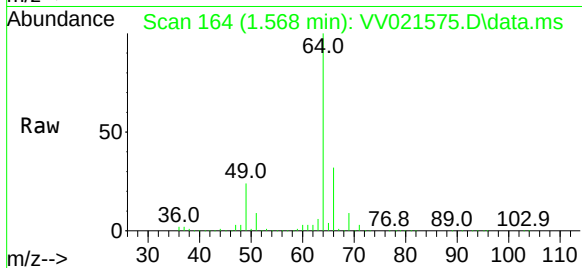




#8  
Chloroethane  
Concen: 206.214 ug/L  
RT: 1.568 min Scan# 164  
Delta R.T. -0.016 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

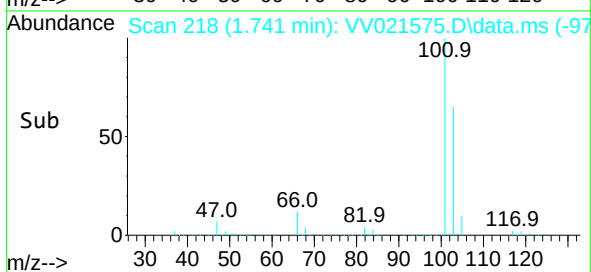
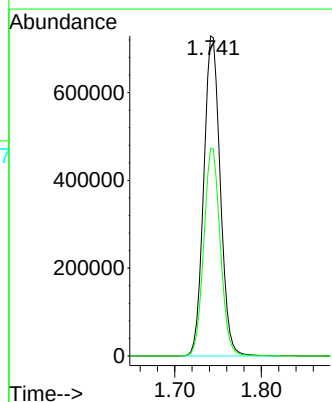
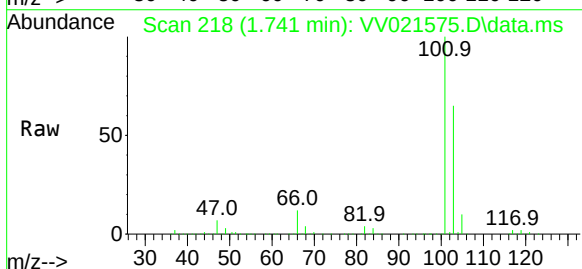
Instrument :  
MSVOA\_V  
ClientSampleId :

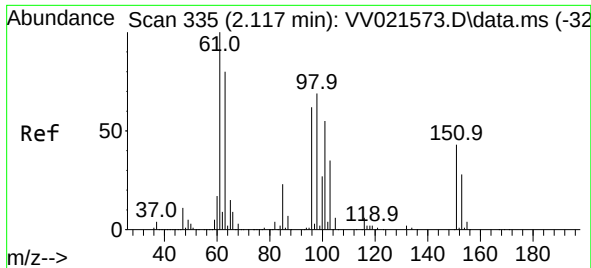
Tgt Ion: 64 Resp: 407839  
Ion Ratio Lower Upper  
64 100  
66 32.1 22.3 41.3



#9  
Trichlorofluoromethane  
Concen: 194.664 ug/L  
RT: 1.741 min Scan# 218  
Delta R.T. -0.010 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

Tgt Ion:101 Resp: 964598  
Ion Ratio Lower Upper  
101 100  
103 64.8 52.4 78.6

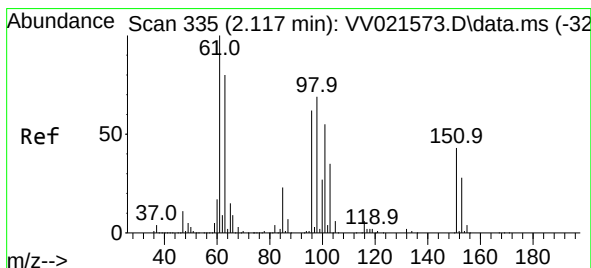
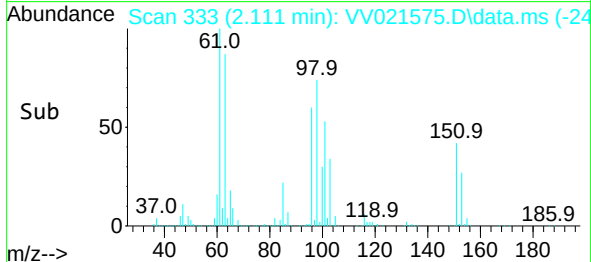
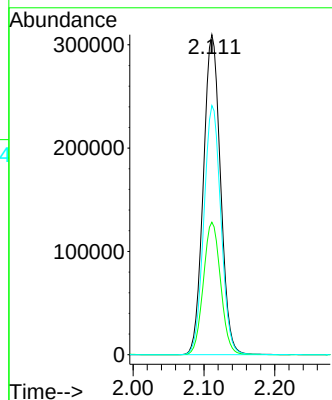
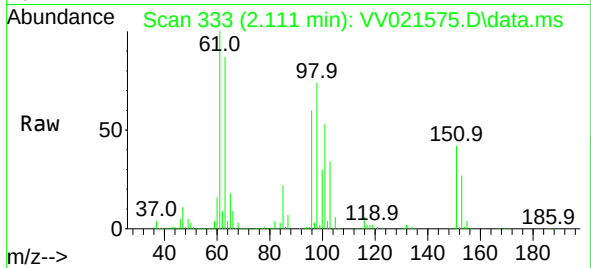




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 180.369 ug/L  
 RT: 2.111 min Scan# 333  
 Delta R.T. -0.006 min  
 Lab File: VV021575.D  
 Acq: 29 Jun 2021 11:30

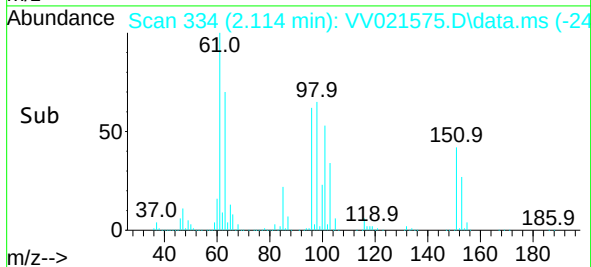
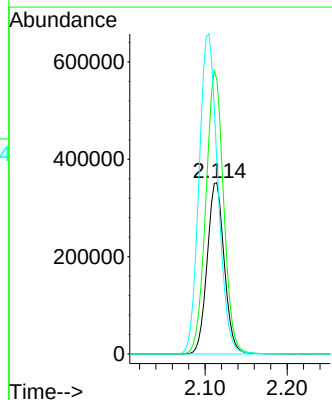
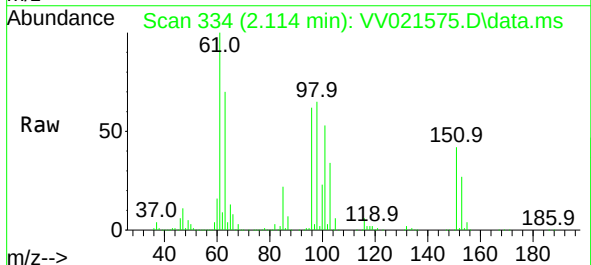
Instrument :  
 MSVOA\_V  
 ClientSampleId :

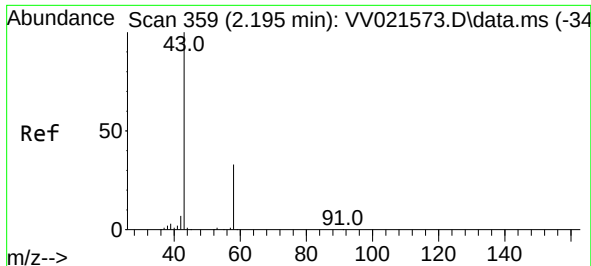
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 Ion Ratio Lower Upper  
 101 100  
 85 41.7 33.3 49.9  
 151 77.6 62.8 94.2



#12  
 1,1-Dichloroethene  
 Concen: 183.581 ug/L  
 RT: 2.114 min Scan# 334  
 Delta R.T. -0.003 min  
 Lab File: VV021575.D  
 Acq: 29 Jun 2021 11:30

Tgt Ion: 96 Resp: 508787  
 Ion Ratio Lower Upper  
 96 100  
 61 160.3 112.9 209.7  
 63 112.5 90.8 168.6

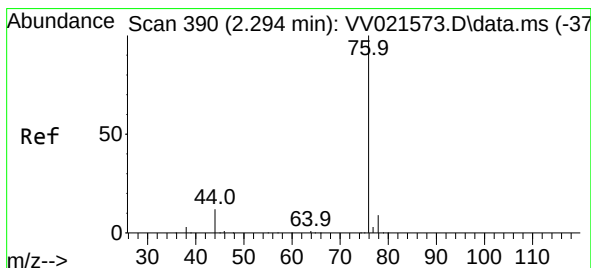
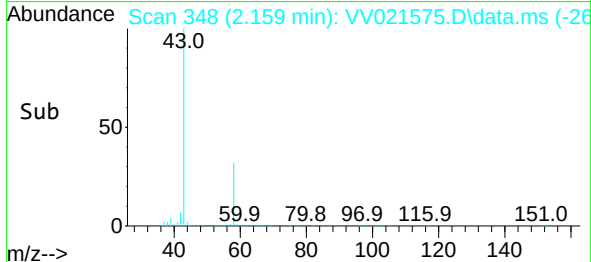
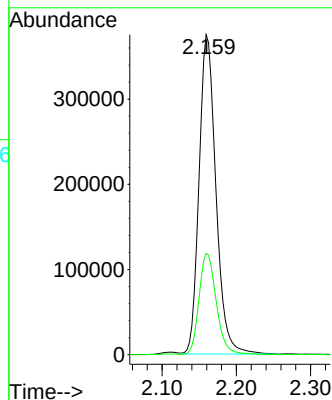
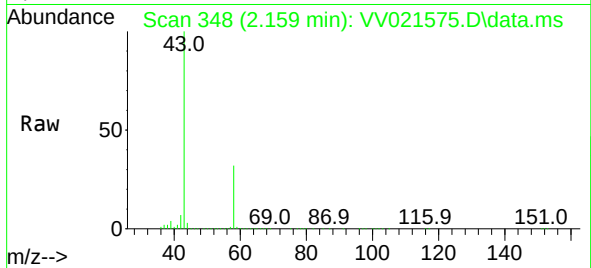




#13  
Acetone  
Concen: 298.504 ug/L  
RT: 2.159 min Scan# 348  
Delta R.T. -0.035 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

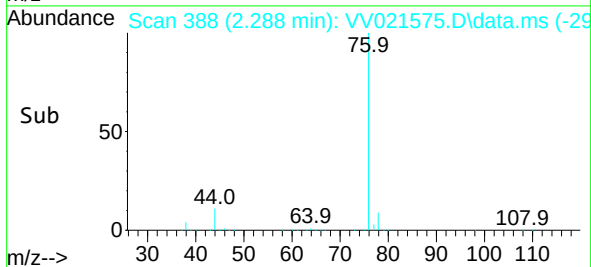
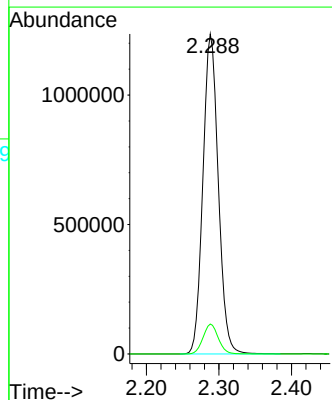
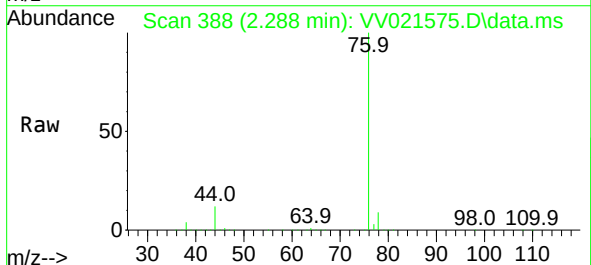
Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 43 Resp: 593853  
Ion Ratio Lower Upper  
43 100  
58 32.4 0.0 0.0#

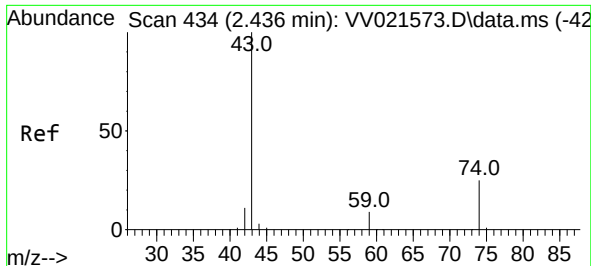


#14  
Carbon disulfide  
Concen: 204.491 ug/L  
RT: 2.288 min Scan# 388  
Delta R.T. -0.006 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

Tgt Ion: 76 Resp: 1820565  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.0



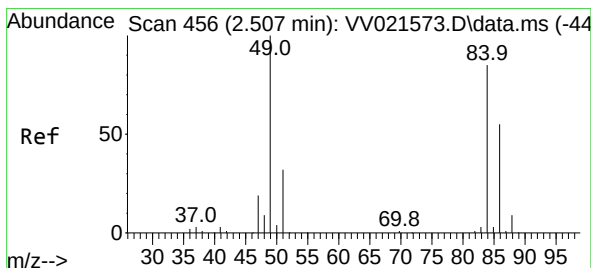
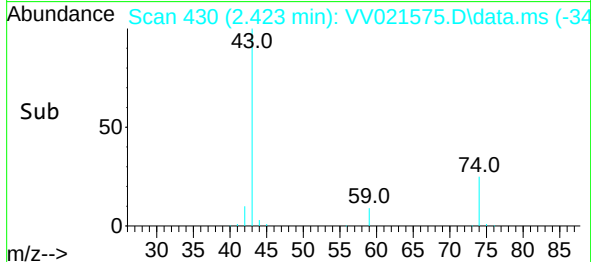
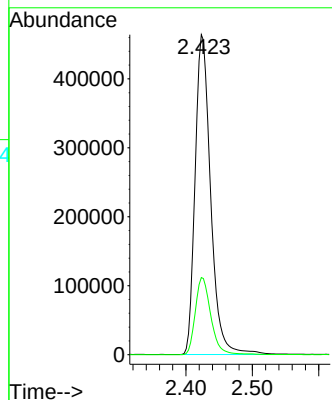
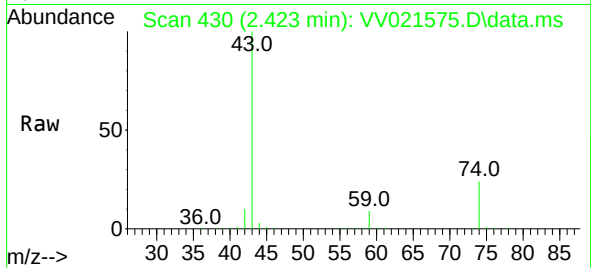




#15  
Methyl Acetate  
Concen: 219.406 ug/L  
RT: 2.423 min Scan# 430  
Delta R.T. -0.013 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

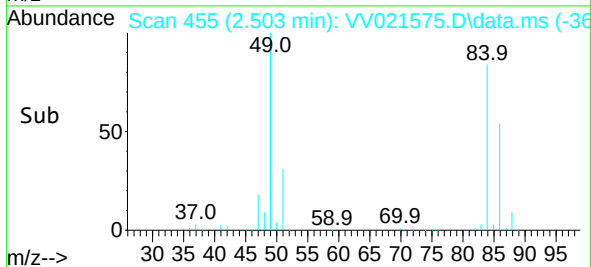
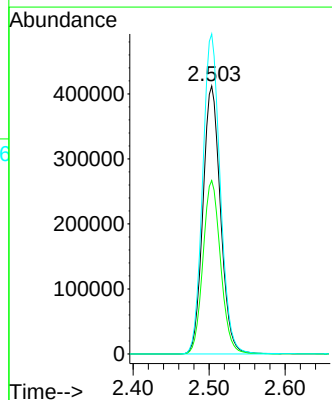
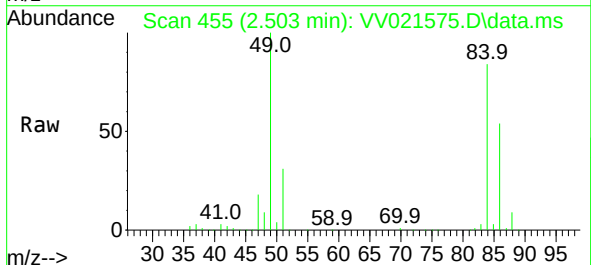
Instrument :  
MSVOA\_V  
ClientSampleId :

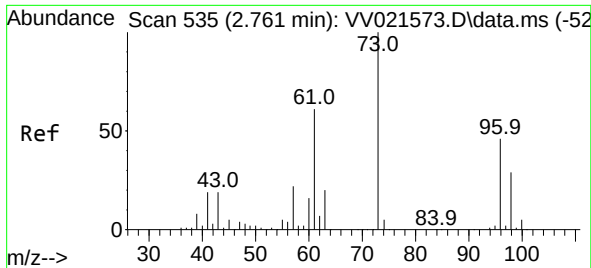
Tgt Ion: 43 Resp: 754716  
Ion Ratio Lower Upper  
43 100  
74 24.0 19.0 28.6



#16  
Methylene chloride  
Concen: 188.713 ug/L  
RT: 2.503 min Scan# 455  
Delta R.T. -0.003 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

Tgt Ion: 84 Resp: 663213  
Ion Ratio Lower Upper  
84 100  
86 64.7 45.1 83.9  
49 119.4 82.5 153.3

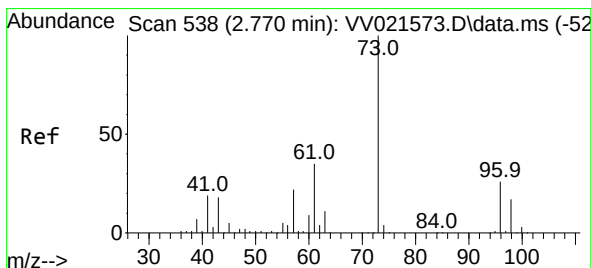
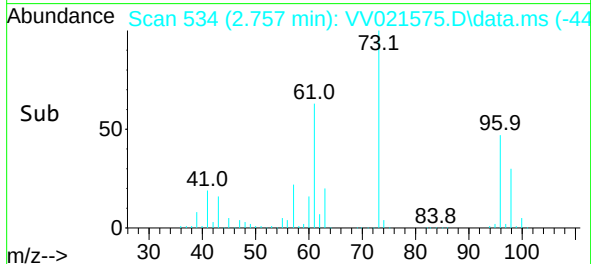
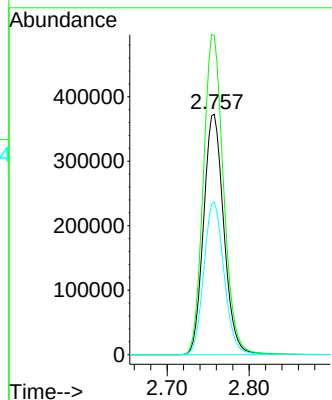
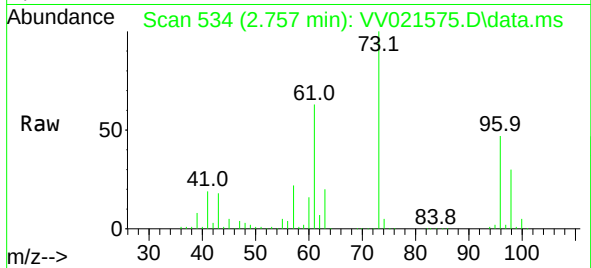




#17  
trans-1,2-Dichloroethene  
Concen: 199.971 ug/L  
RT: 2.757 min Scan# 534  
Delta R.T. -0.003 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

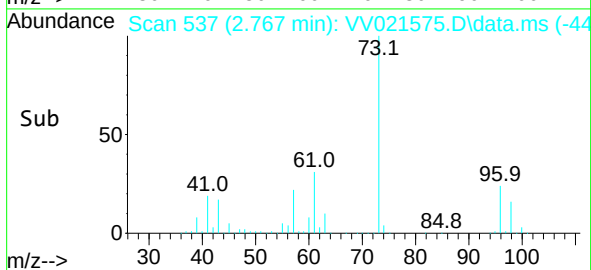
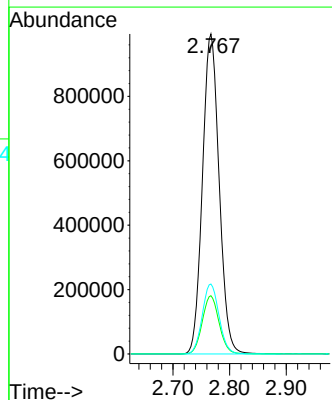
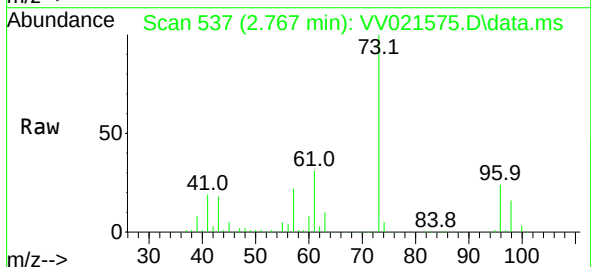
Instrument :  
MSVOA\_V  
ClientSampleId :

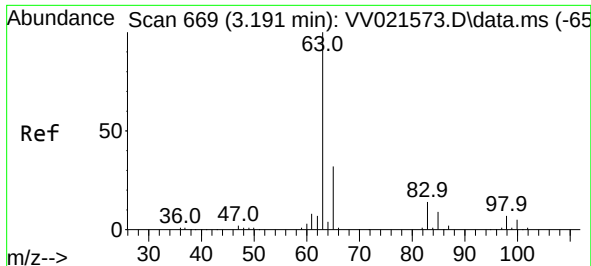
Tgt Ion: 96 Resp: 638376  
Ion Ratio Lower Upper  
96 100  
61 132.7 93.0 172.6  
98 63.5 44.2 82.0



#18  
Methyl tert-butyl Ether  
Concen: 199.434 ug/L  
RT: 2.767 min Scan# 537  
Delta R.T. -0.003 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

Tgt Ion: 73 Resp: 2033044  
Ion Ratio Lower Upper  
73 100  
43 18.3 14.6 22.0  
57 22.0 17.4 26.2





#19

1,1-Dichloroethane

Concen: 201.469 ug/L

RT: 3.188 min Scan# 668

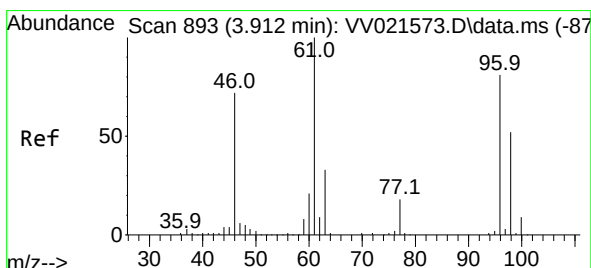
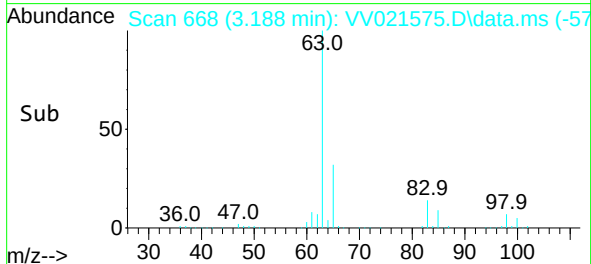
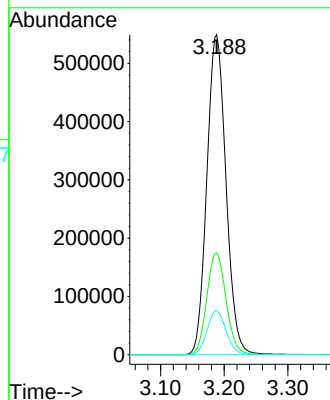
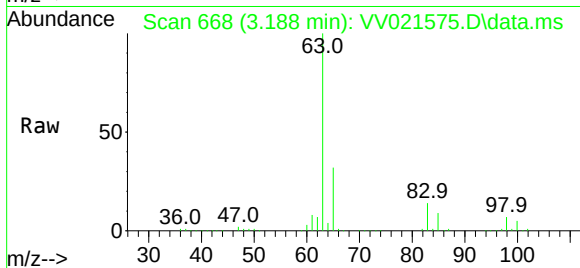
Delta R.T. -0.003 min

Lab File: VV021575.D

Acq: 29 Jun 2021 11:30

Tgt Ion: 63 Resp: 1146807

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 31.8  | 22.4  | 41.6  |
| 83  | 13.9  | 9.4   | 17.6  |



#20

cis-1,2-Dichloroethene

Concen: 198.589 ug/L

RT: 3.908 min Scan# 892

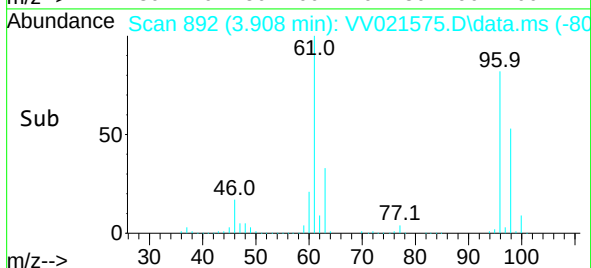
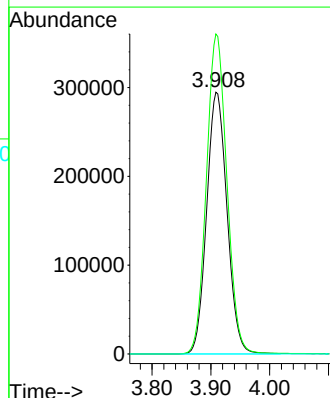
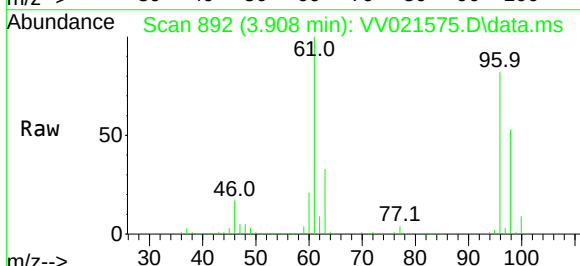
Delta R.T. -0.003 min

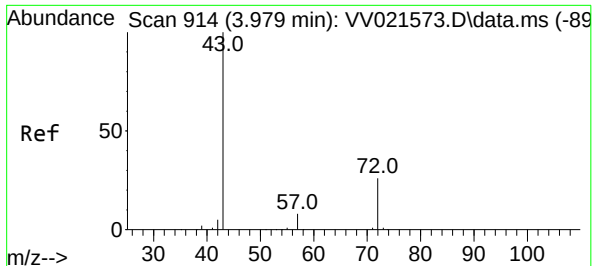
Lab File: VV021575.D

Acq: 29 Jun 2021 11:30

Tgt Ion: 96 Resp: 710293

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 122.2 | 86.9  | 161.3 |
| 68  | 0.0   | 0.0   | 0.0   |

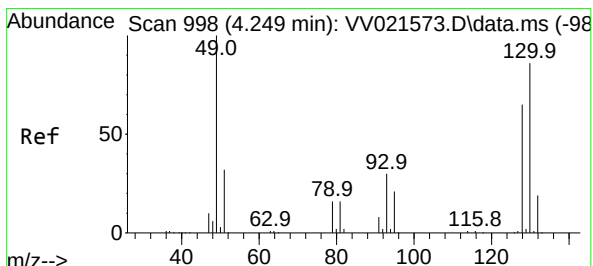
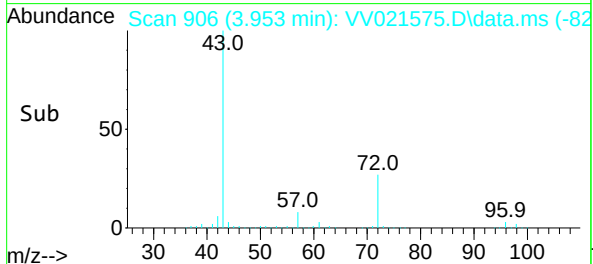
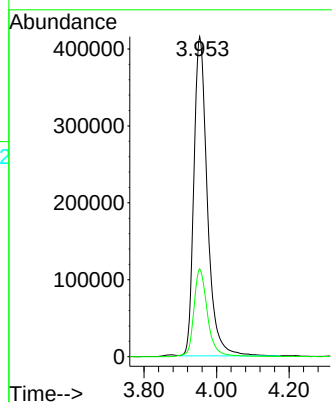
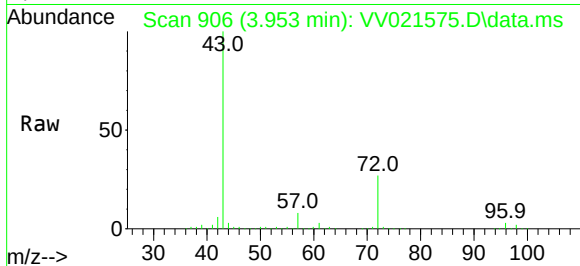




#22  
2-Butanone  
Concen: 422.170 ug/L  
RT: 3.953 min Scan# 906  
Delta R.T. -0.026 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

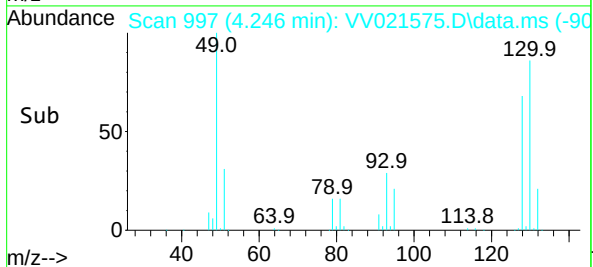
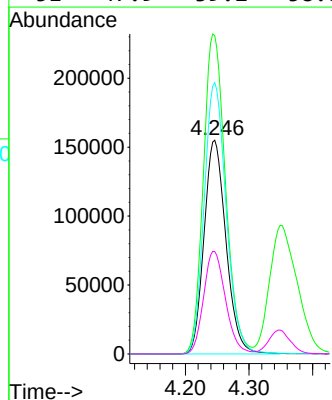
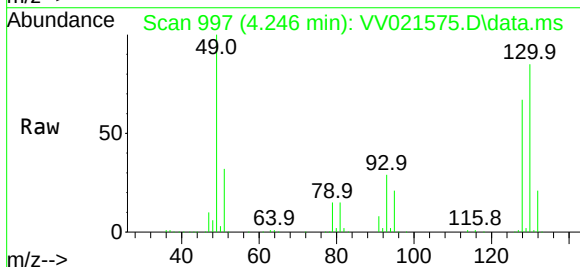
Instrument :  
MSVOA\_V  
ClientSampleId :

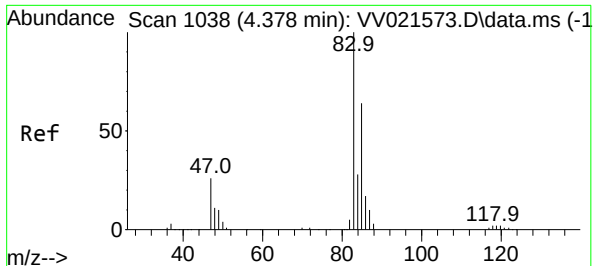
Tgt Ion: 43 Resp: 1071575  
Ion Ratio Lower Upper  
43 100  
72 27.7 13.3 39.8



#23  
Bromochloromethane  
Concen: 189.661 ug/L  
RT: 4.246 min Scan# 997  
Delta R.T. -0.003 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

Tgt Ion:128 Resp: 371616  
Ion Ratio Lower Upper  
128 100  
49 148.9 107.5 199.7  
130 126.9 92.2 171.2  
51 47.9 39.2 58.8



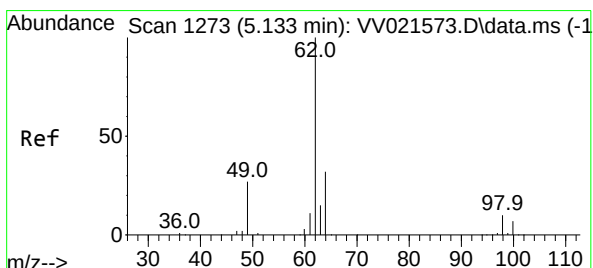
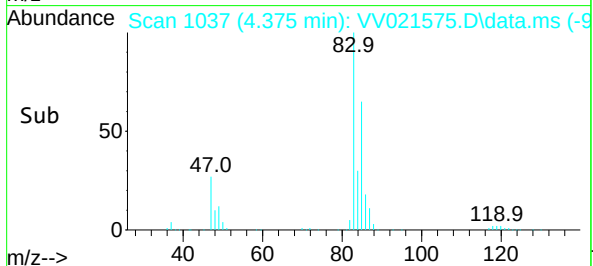
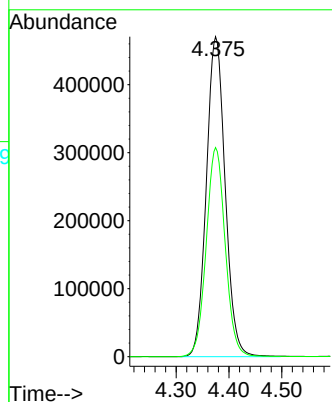
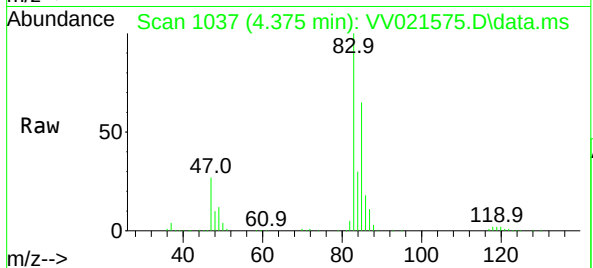


#25

Chloroform  
Concen: 197.601 ug/L  
RT: 4.375 min Scan# 1037  
Delta R.T. -0.003 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

Instrument :  
MSVOA\_V  
ClientSampled :

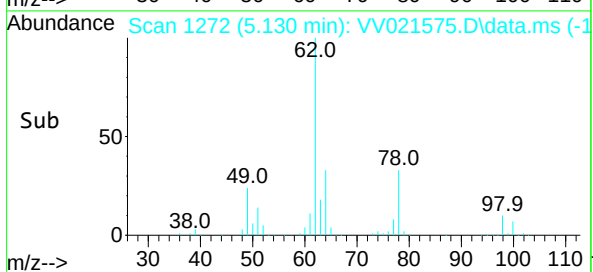
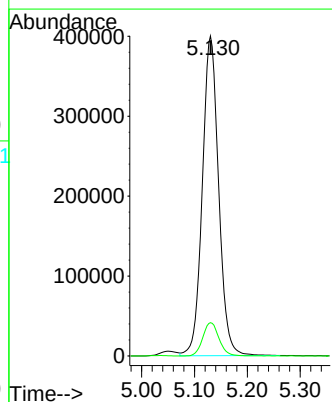
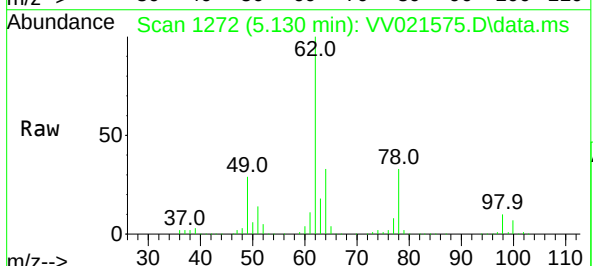
Tgt Ion: 83 Resp: 1163322  
Ion Ratio Lower Upper  
83 100  
85 65.4 45.1 83.7

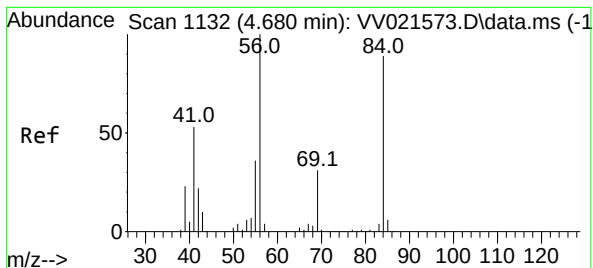


#27

1,2-Dichloroethane  
Concen: 208.644 ug/L  
RT: 5.130 min Scan# 1272  
Delta R.T. -0.003 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

Tgt Ion: 62 Resp: 856660  
Ion Ratio Lower Upper  
62 100  
98 10.4 8.2 12.4





#29

Cyclohexane

Concen: 200.474 ug/L

RT: 4.677 min Scan# 1131

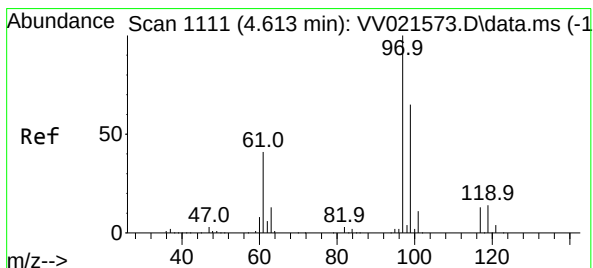
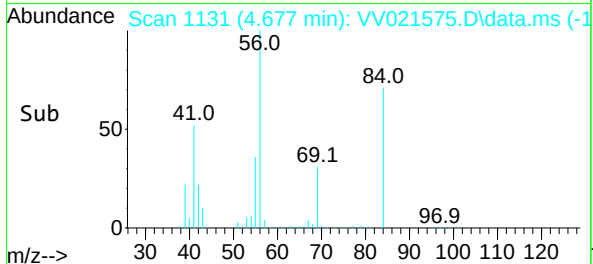
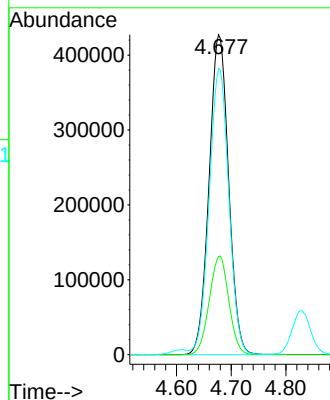
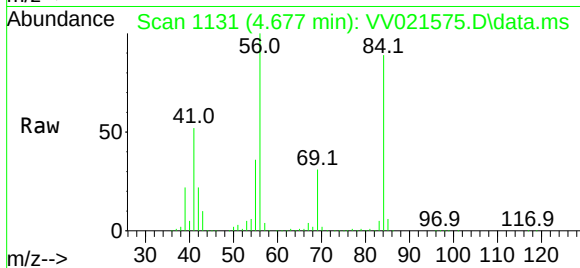
Delta R.T. -0.003 min

Lab File: VV021575.D

Acq: 29 Jun 2021 11:30

Tgt Ion: 56 Resp: 1056991

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 30.9  | 24.9  | 37.3  |
| 84  | 90.0  | 71.6  | 107.4 |



#30

1,1,1-Trichloroethane

Concen: 192.258 ug/L

RT: 4.609 min Scan# 1110

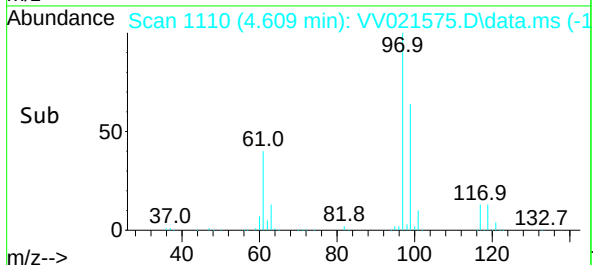
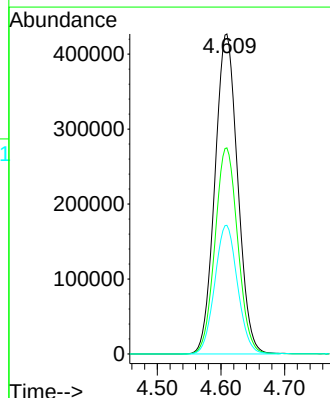
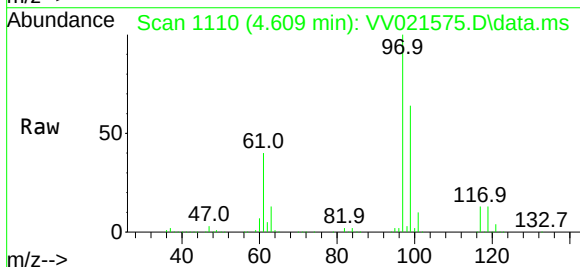
Delta R.T. -0.003 min

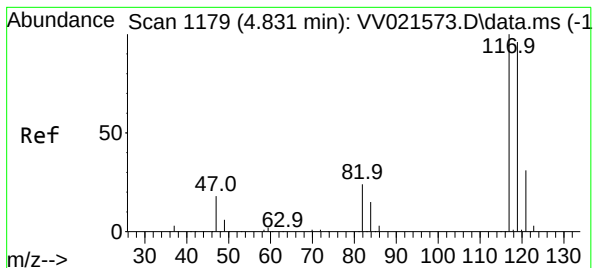
Lab File: VV021575.D

Acq: 29 Jun 2021 11:30

Tgt Ion: 97 Resp: 1062406

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.4  | 52.1  | 78.1  |
| 61  | 40.4  | 32.6  | 49.0  |

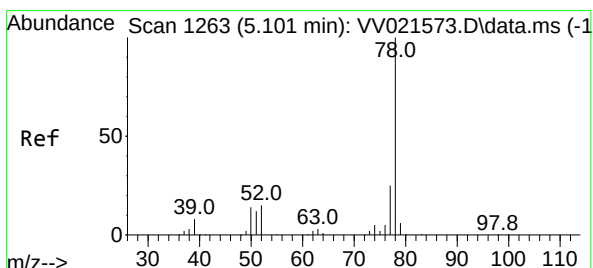
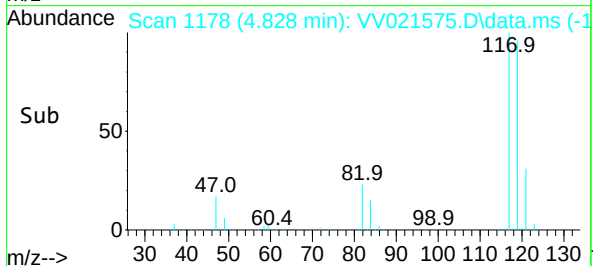
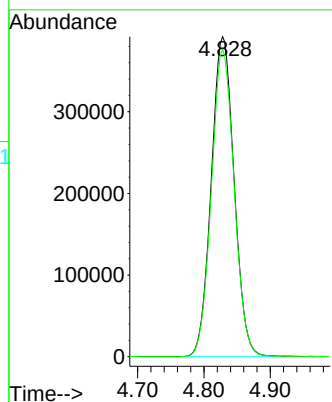
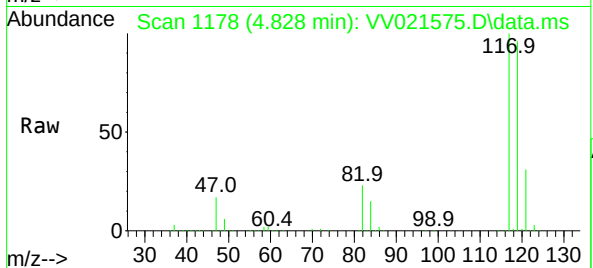




#31  
Carbon tetrachloride  
Concen: 187.740 ug/L  
RT: 4.828 min Scan# 1178  
Delta R.T. -0.003 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

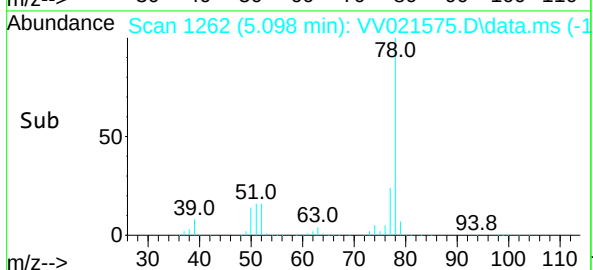
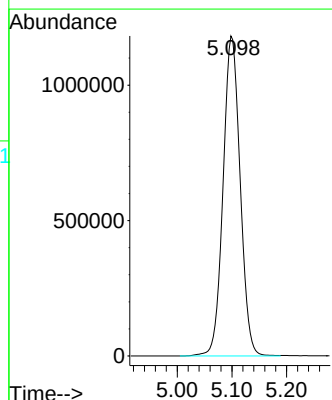
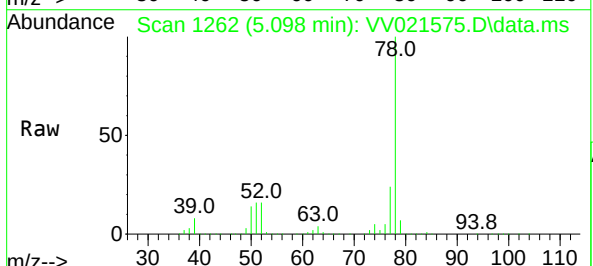
Instrument :  
MSVOA\_V  
ClientSampled :

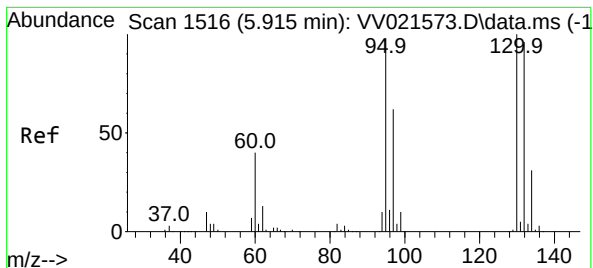
Tgt Ion:117 Resp: 937223  
Ion Ratio Lower Upper  
117 100  
119 95.7 76.5 114.7



#33  
Benzene  
Concen: 197.499 ug/L  
RT: 5.098 min Scan# 1262  
Delta R.T. -0.003 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

Tgt Ion: 78 Resp: 2559789





#34

Trichloroethene

Concen: 195.800 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV021575.D

Acq: 29 Jun 2021 11:30

Tgt Ion: 95 Resp: 685983

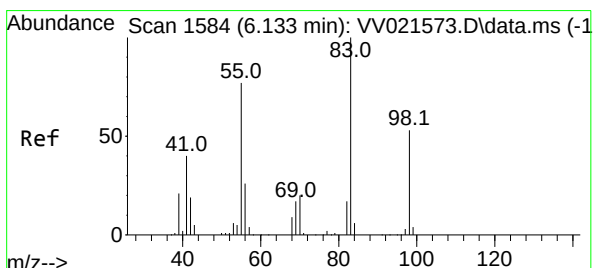
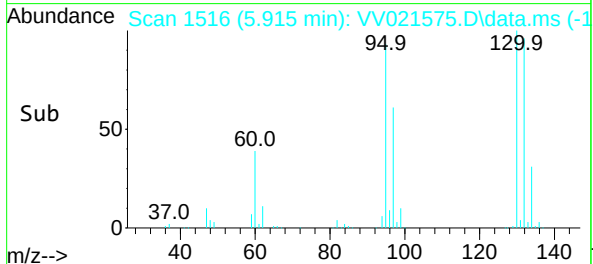
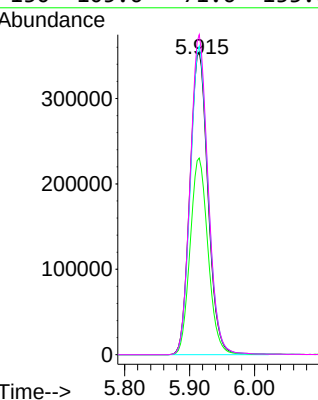
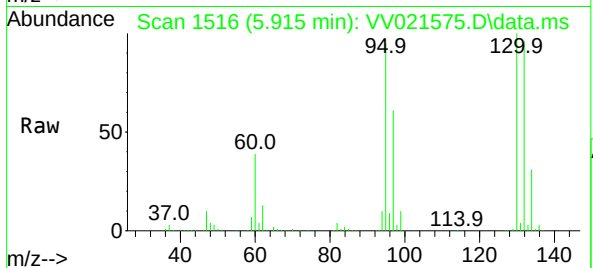
Ion Ratio Lower Upper

95 100

97 64.9 44.6 82.8

132 101.8 69.0 128.1

130 105.6 71.6 133.0



#35

Methylcyclohexane

Concen: 194.729 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.000 min

Lab File: VV021575.D

Acq: 29 Jun 2021 11:30

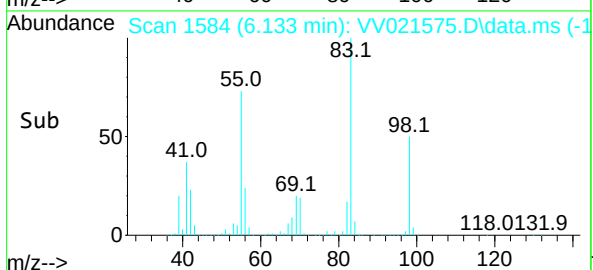
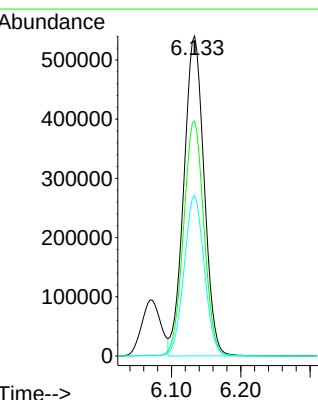
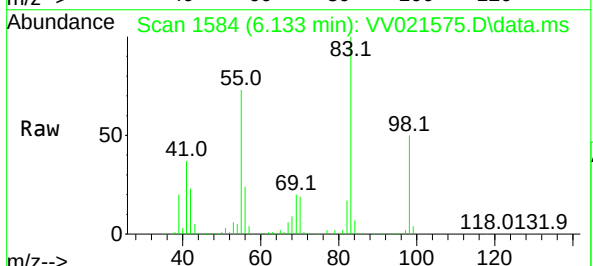
Tgt Ion: 83 Resp: 1096558

Ion Ratio Lower Upper

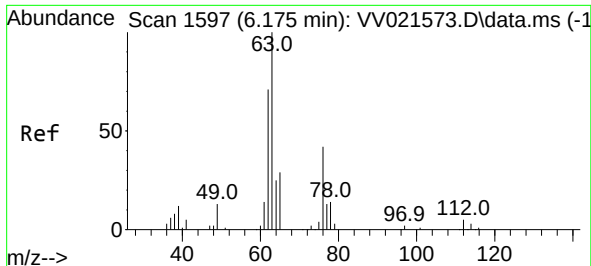
83 100

55 73.6 58.7 88.1

98 50.3 39.7 59.5



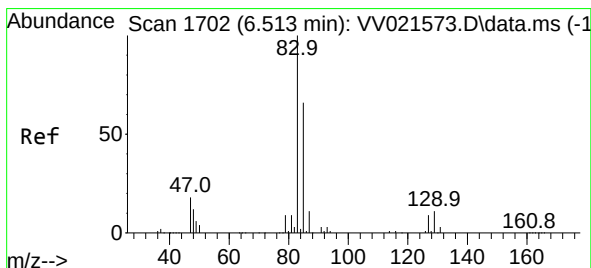
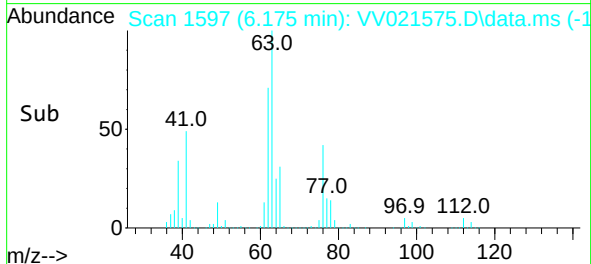
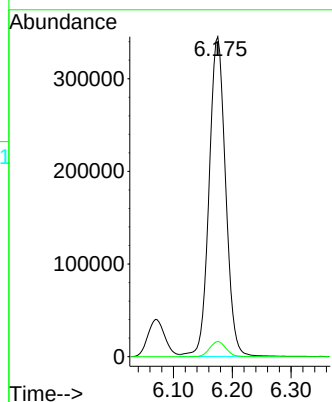
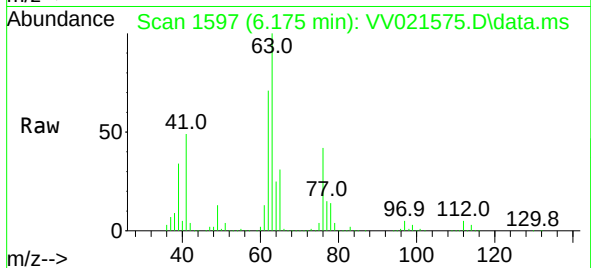




#37  
1,2-Dichloropropane  
Concen: 203.450 ug/L  
RT: 6.175 min Scan# 1597  
Delta R.T. 0.000 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

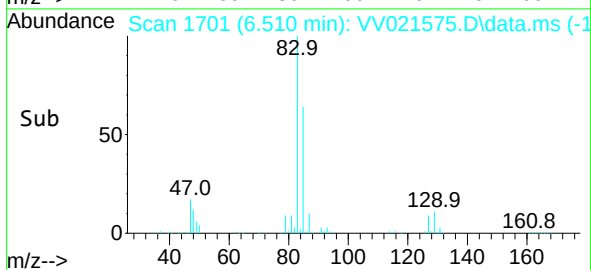
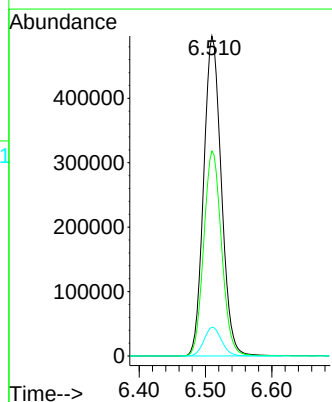
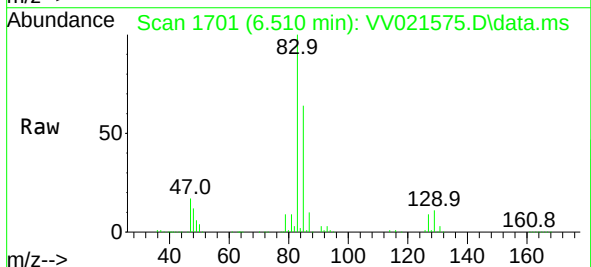
Instrument :  
MSVOA\_V  
ClientSampled :

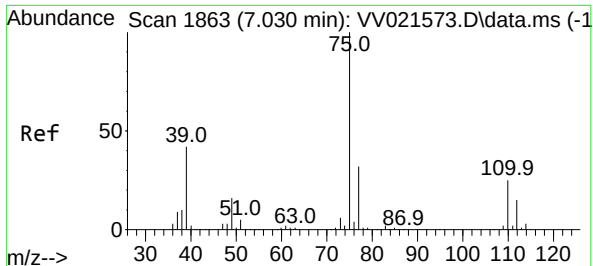
Tgt Ion: 63 Resp: 671529  
Ion Ratio Lower Upper  
63 100  
112 4.7 3.8 5.6



#38  
Bromodichloromethane  
Concen: 199.083 ug/L  
RT: 6.510 min Scan# 1701  
Delta R.T. -0.003 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

Tgt Ion: 83 Resp: 917485  
Ion Ratio Lower Upper  
83 100  
85 64.1 46.3 86.1  
127 9.0 7.3 10.9

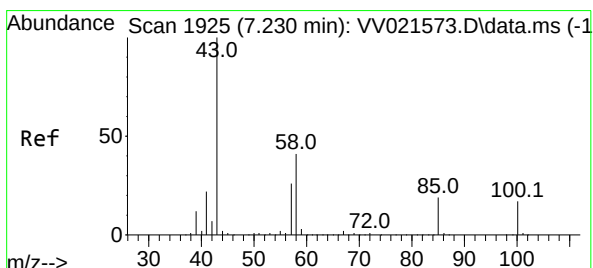
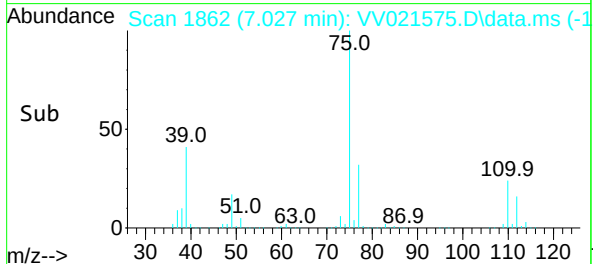
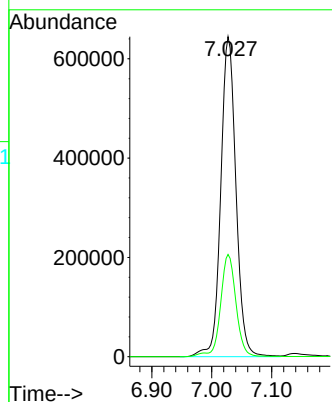
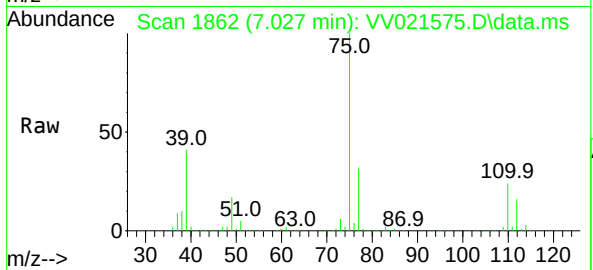




#39  
 cis-1,3-Dichloropropene  
 Concen: 204.218 ug/L  
 RT: 7.027 min Scan# 1862  
 Delta R.T. -0.003 min  
 Lab File: VV021575.D  
 Acq: 29 Jun 2021 11:30

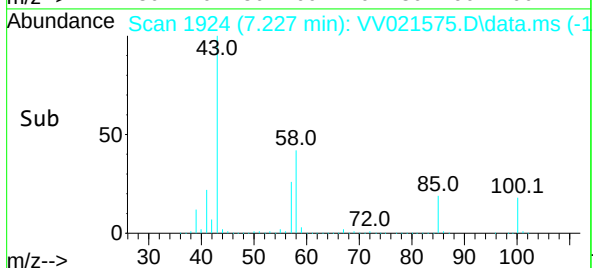
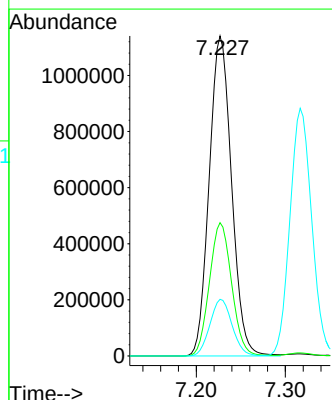
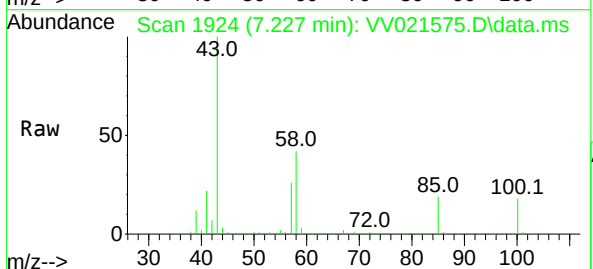
Instrument :  
 MSVOA\_V  
 ClientSampleId :

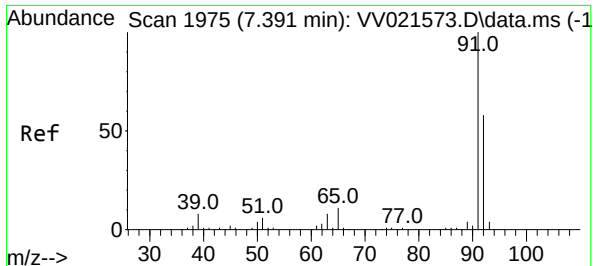
Tgt Ion: 75 Resp: 1129968  
 Ion Ratio Lower Upper  
 75 100  
 77 32.0 22.5 41.7



#40  
 4-Methyl-2-pentanone  
 Concen: 434.762 ug/L  
 RT: 7.227 min Scan# 1924  
 Delta R.T. -0.003 min  
 Lab File: VV021575.D  
 Acq: 29 Jun 2021 11:30

Tgt Ion: 43 Resp: 1985745  
 Ion Ratio Lower Upper  
 43 100  
 58 41.4 32.8 49.2  
 100 17.6 13.5 20.3

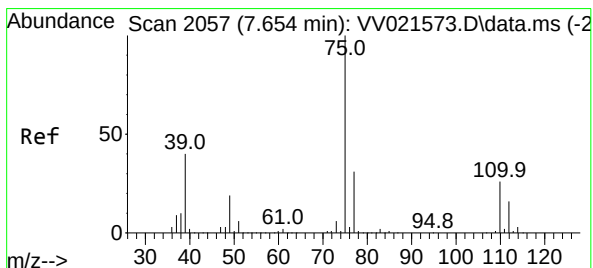
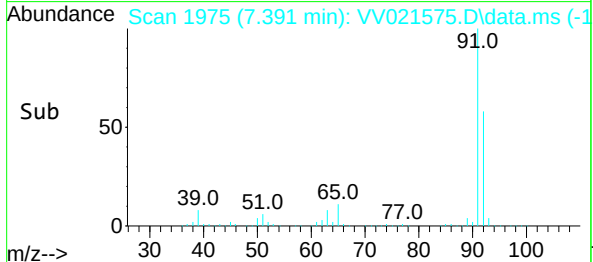
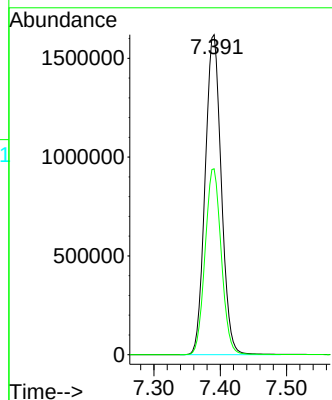
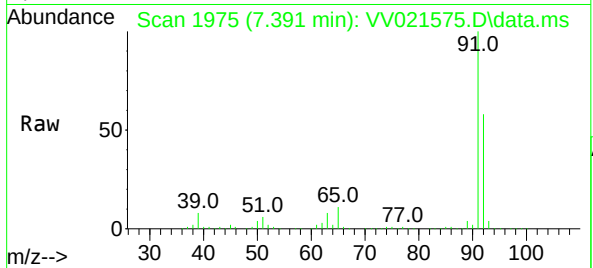




#42  
Toluene  
Concen: 191.715 ug/L  
RT: 7.391 min Scan# 1975  
Delta R.T. 0.000 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

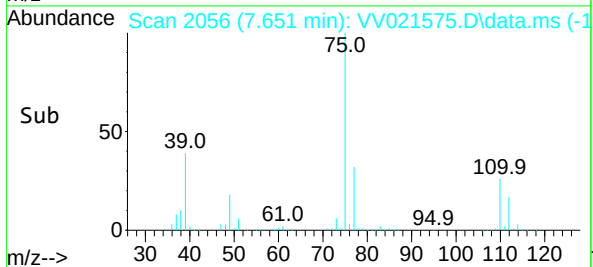
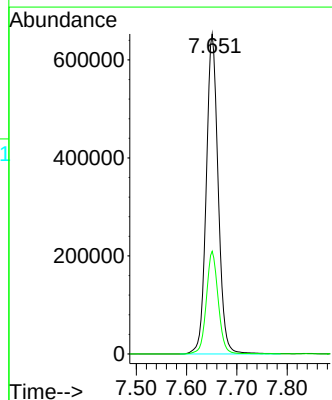
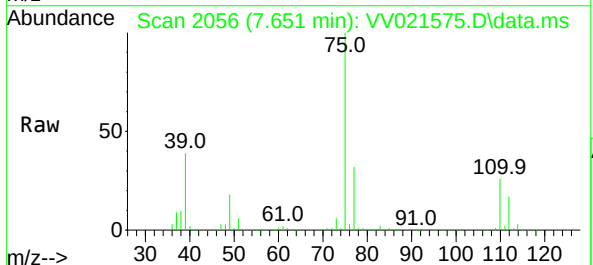
Instrument :  
MSVOA\_V  
ClientSampleId :

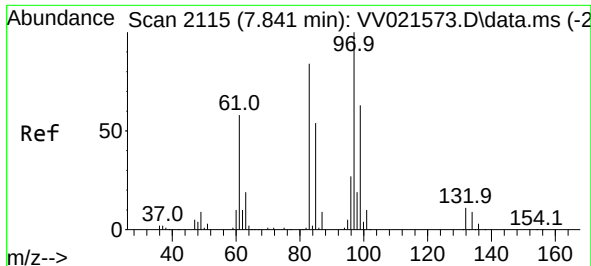
Tgt Ion: 91 Resp: 2735086  
Ion Ratio Lower Upper  
91 100  
92 58.1 40.6 75.4



#44  
trans-1,3-Dichloropropene  
Concen: 204.943 ug/L  
RT: 7.651 min Scan# 2056  
Delta R.T. -0.003 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

Tgt Ion: 75 Resp: 1074771  
Ion Ratio Lower Upper  
75 100  
77 32.1 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 197.133 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.000 min

Lab File: VV021575.D

Acq: 29 Jun 2021 11:30

Tgt Ion: 97 Resp: 656937

Ion Ratio Lower Upper

97 100

99 63.3 44.4 82.4

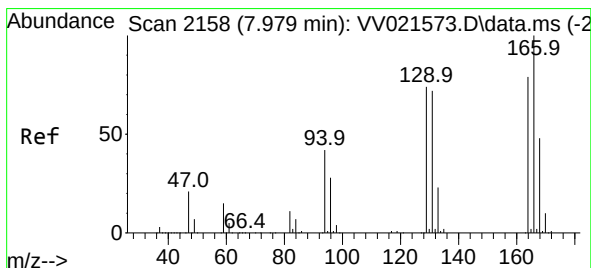
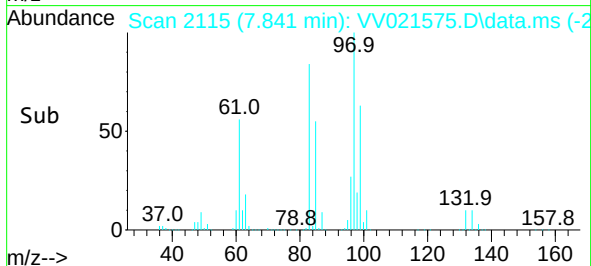
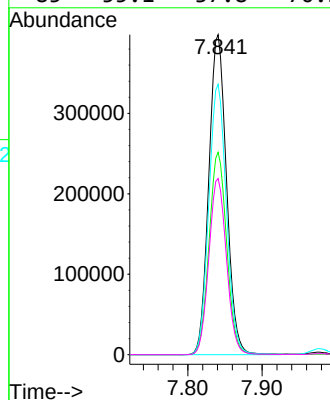
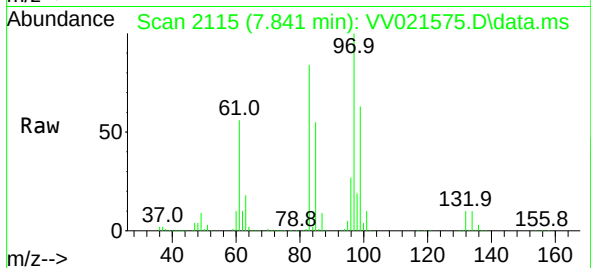
83 84.5 58.8 109.2

85 55.1 37.8 70.2

Instrument :

MSVOA\_V

ClientSampleId :



#46

Tetrachloroethene

Concen: 176.903 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV021575.D

Acq: 29 Jun 2021 11:30

Tgt Ion: 164 Resp: 554410

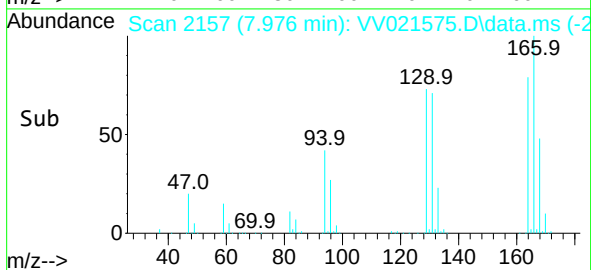
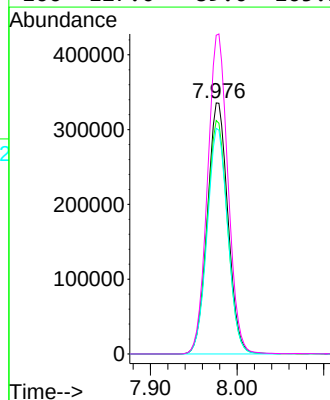
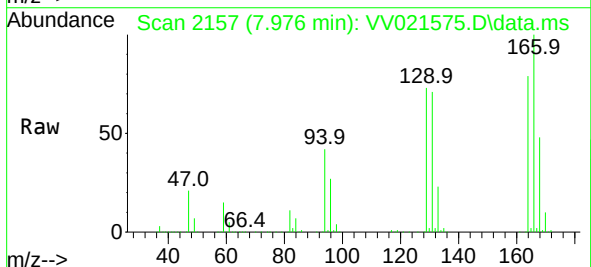
Ion Ratio Lower Upper

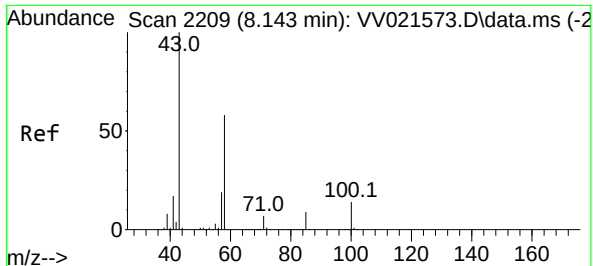
164 100

129 92.9 65.9 122.3

131 89.8 64.0 119.0

166 127.0 89.0 165.2



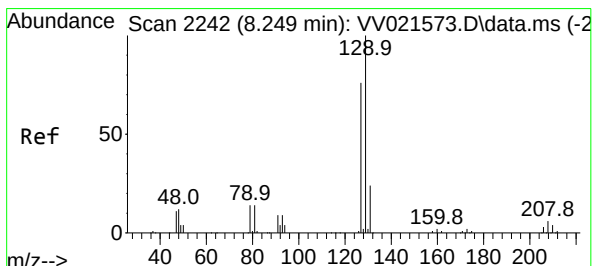
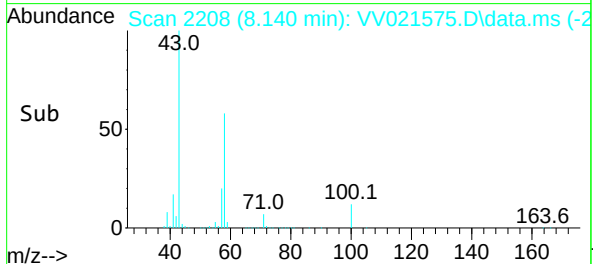
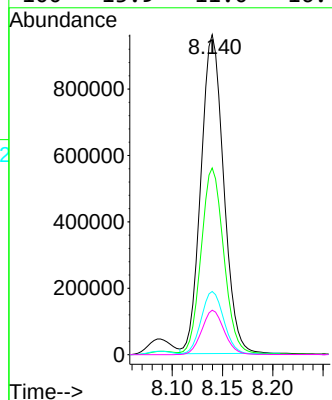
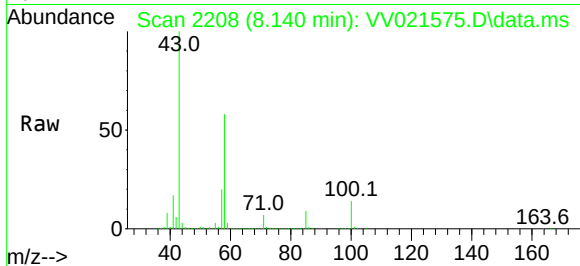


#48  
2-Hexanone  
Concen: 429.233 ug/L  
RT: 8.140 min Scan# 2208  
Delta R.T. -0.003 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 43 Resp: 1508351

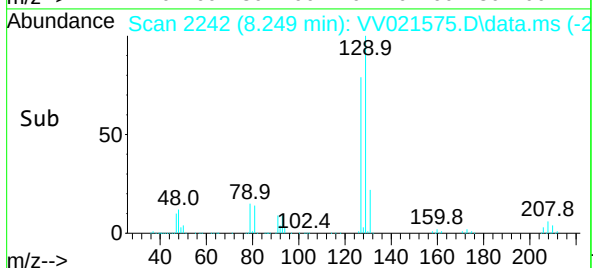
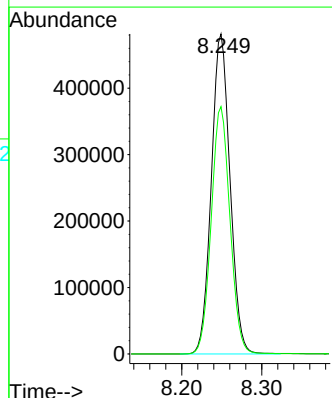
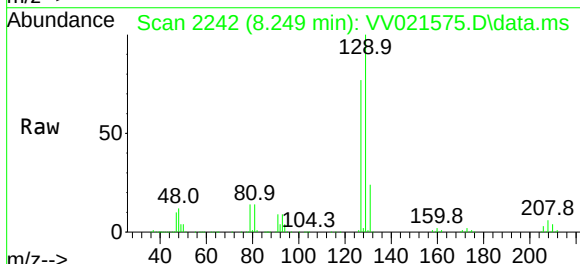
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 58.6  | 46.7  | 70.1  |
| 57  | 20.0  | 15.5  | 23.3  |
| 100 | 13.9  | 11.0  | 16.4  |

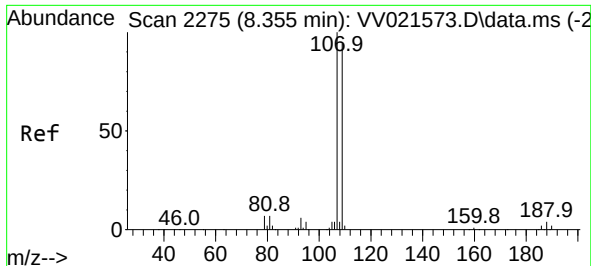


#49  
Dibromochloromethane  
Concen: 189.749 ug/L  
RT: 8.249 min Scan# 2242  
Delta R.T. 0.000 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

Tgt Ion: 129 Resp: 781758

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 77.3  | 53.1  | 98.7  |





#50

1,2-Dibromoethane

Concen: 198.568 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.003 min

Lab File: VV021575.D

Acq: 29 Jun 2021 11:30

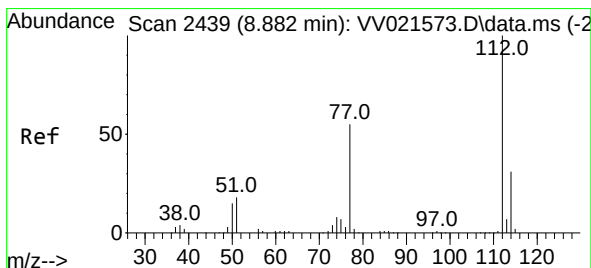
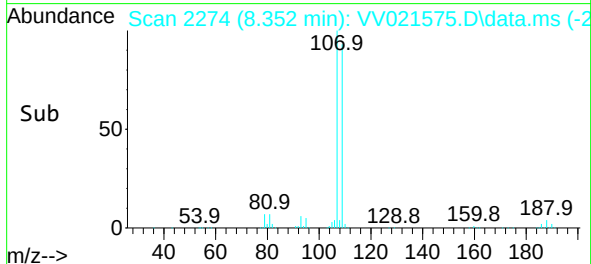
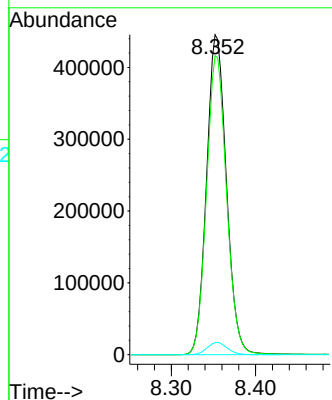
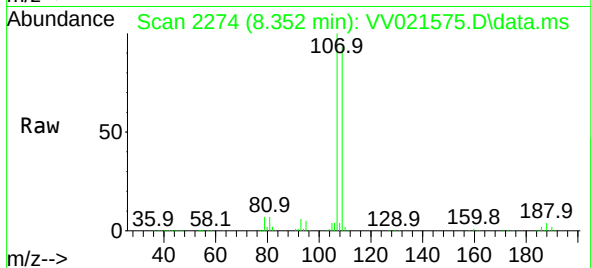
Tgt Ion:107 Resp: 729816

Ion Ratio Lower Upper

107 100

109 93.4 65.8 122.2

188 3.8 3.1 4.7



#51

Chlorobenzene

Concen: 191.783 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV021575.D

Acq: 29 Jun 2021 11:30

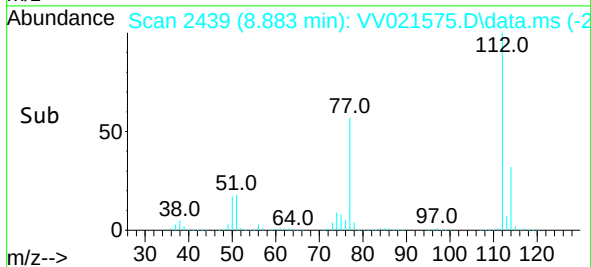
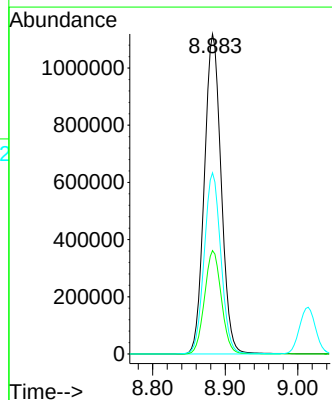
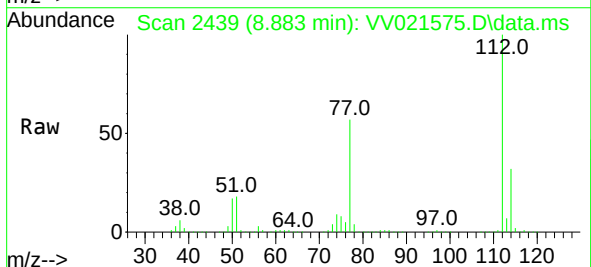
Tgt Ion:112 Resp: 1801887

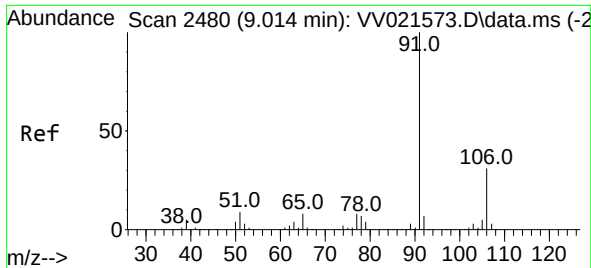
Ion Ratio Lower Upper

112 100

114 32.3 21.9 40.7

77 56.6 44.0 66.0

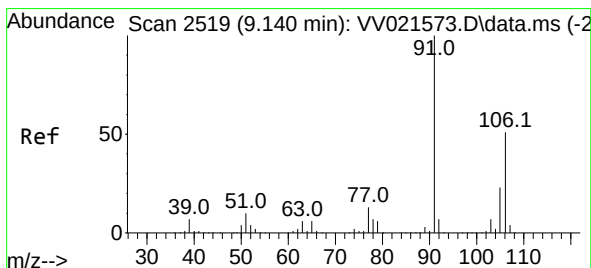
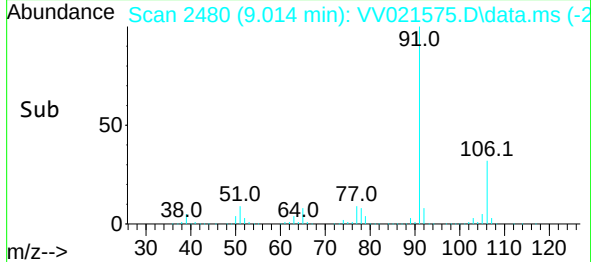
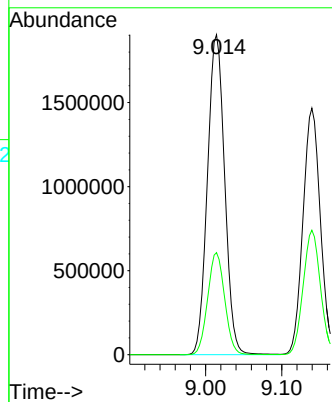
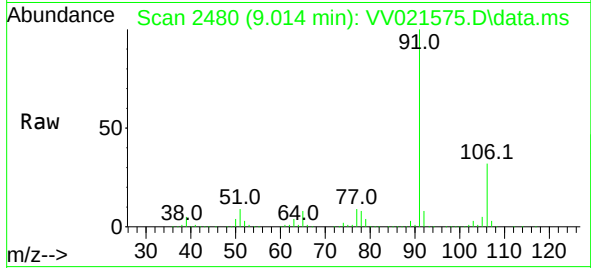




#52  
Ethylbenzene  
Concen: 191.578 ug/L  
RT: 9.014 min Scan# 2480  
Delta R.T. 0.000 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

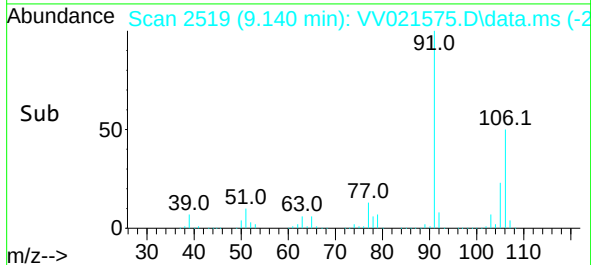
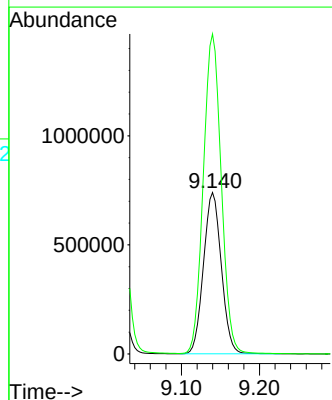
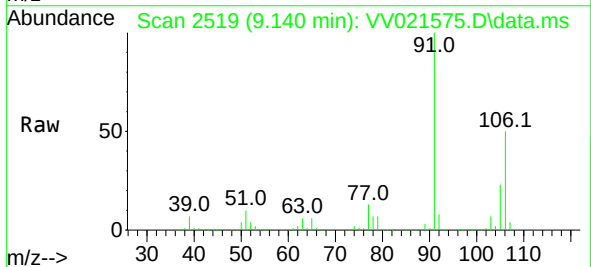
Instrument :  
MSVOA\_V  
ClientSampled :

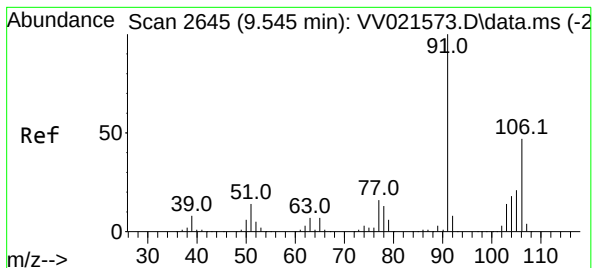
Tgt Ion: 91 Resp: 2992760  
Ion Ratio Lower Upper  
91 100  
106 31.9 21.8 40.6



#53  
m,p-Xylene  
Concen: 195.461 ug/L  
RT: 9.140 min Scan# 2519  
Delta R.T. 0.000 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

Tgt Ion: 106 Resp: 1172745  
Ion Ratio Lower Upper  
106 100  
91 198.1 138.7 257.5





#54

o-Xylene

Concen: 193.496 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. 0.000 min

Lab File: VV021575.D

Acq: 29 Jun 2021 11:30

Tgt Ion:106 Resp: 1149192

Ion Ratio Lower Upper

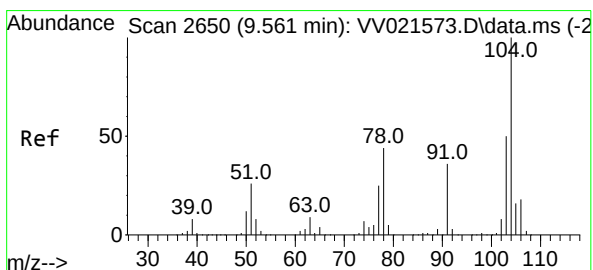
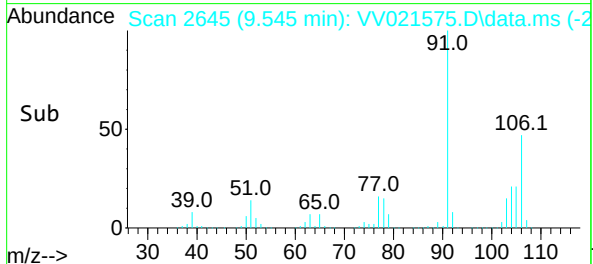
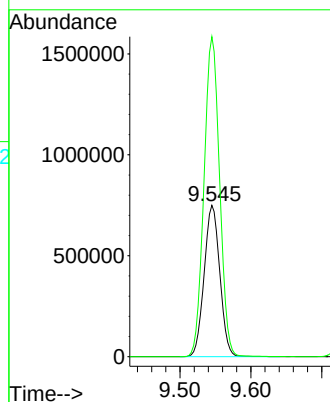
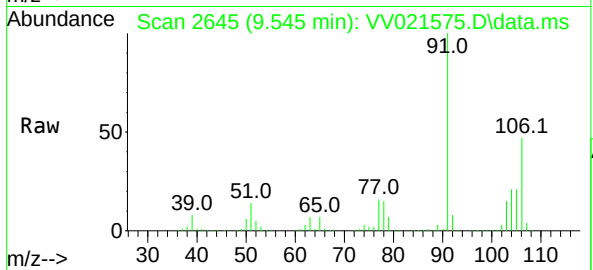
106 100

91 211.5 149.0 276.8

Instrument :

MSVOA\_V

ClientSampled :



#55

Styrene

Concen: 194.390 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. 0.000 min

Lab File: VV021575.D

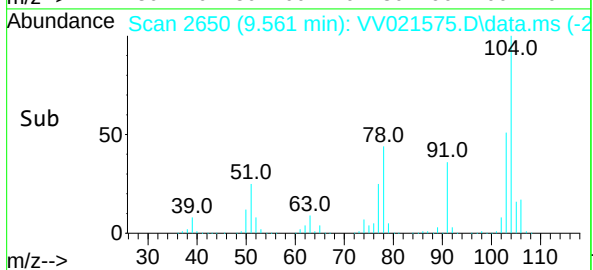
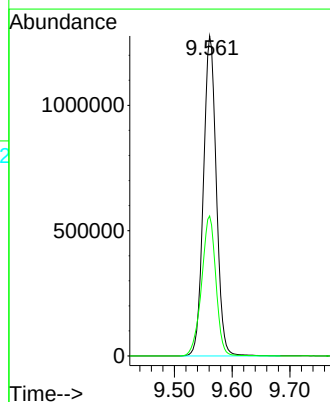
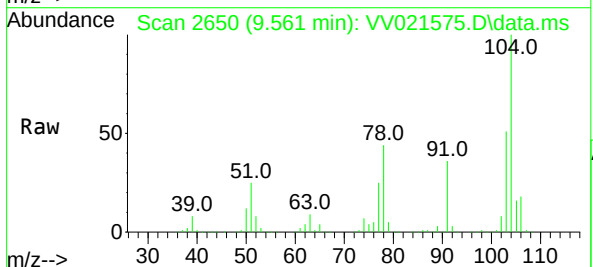
Acq: 29 Jun 2021 11:30

Tgt Ion:104 Resp: 1979835

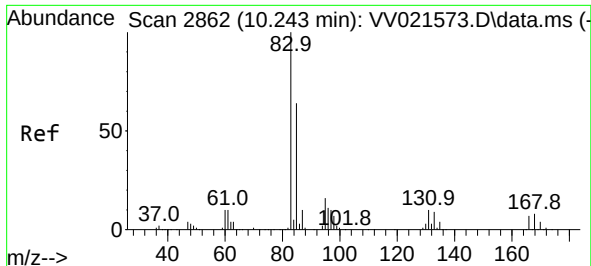
Ion Ratio Lower Upper

104 100

78 43.8 30.6 56.8



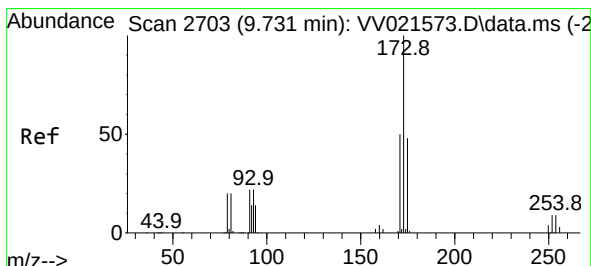
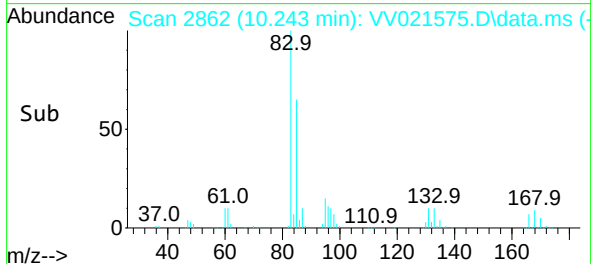
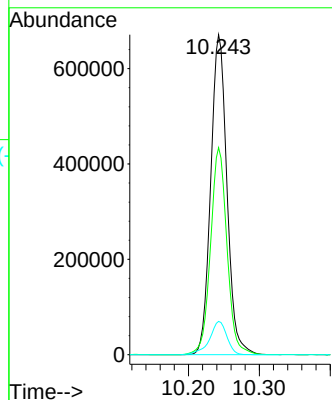
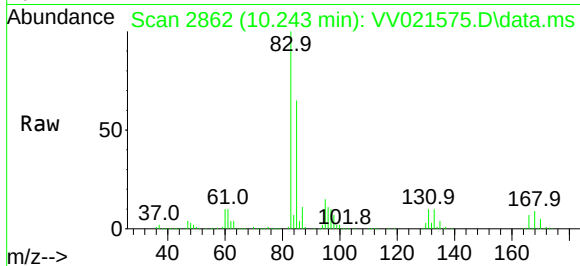




#57  
1,1,2,2-Tetrachloroethane  
Concen: 203.747 ug/L  
RT: 10.243 min Scan# 2862  
Delta R.T. 0.000 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

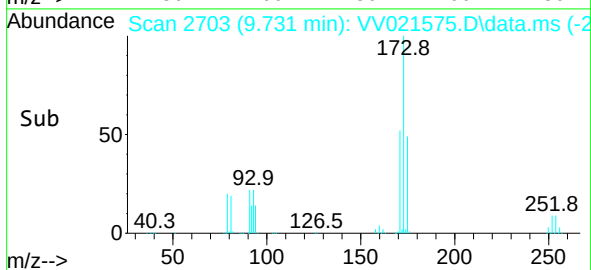
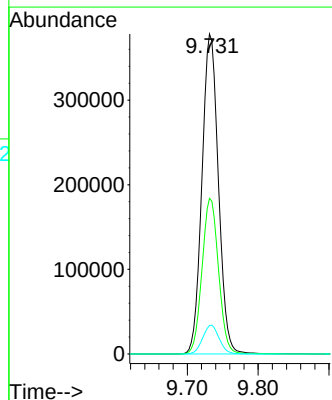
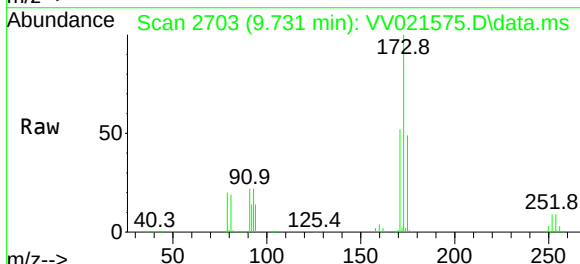
Instrument :  
MSVOA\_V  
ClientSampleId :

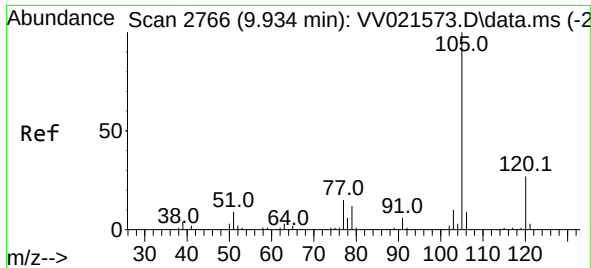
Tgt Ion: 83 Resp: 1066202  
Ion Ratio Lower Upper  
83 100  
85 64.7 45.0 83.6  
131 10.4 8.4 12.6



#59  
Bromoform  
Concen: 189.718 ug/L  
RT: 9.731 min Scan# 2703  
Delta R.T. 0.000 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

Tgt Ion: 173 Resp: 608969  
Ion Ratio Lower Upper  
173 100  
175 48.6 39.0 58.6  
254 9.0 7.0 10.6

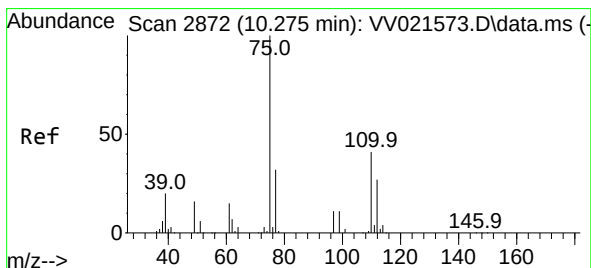
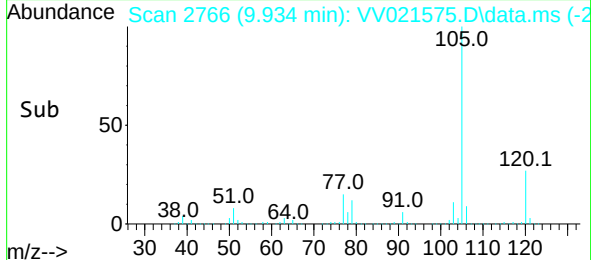
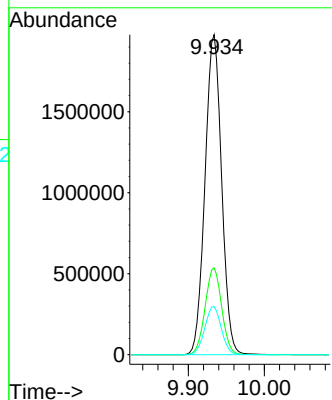
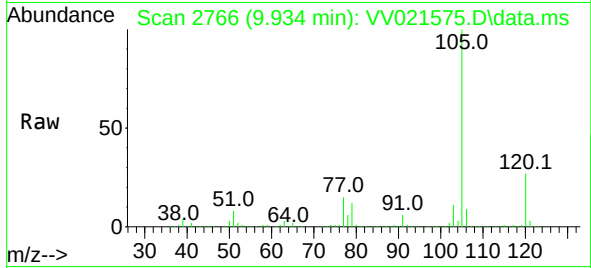




#60  
Isopropylbenzene  
Concen: 198.202 ug/L  
RT: 9.934 min Scan# 2766  
Delta R.T. 0.000 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

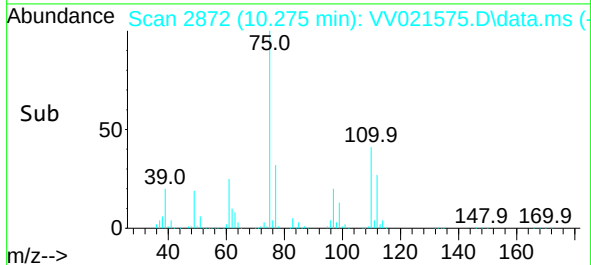
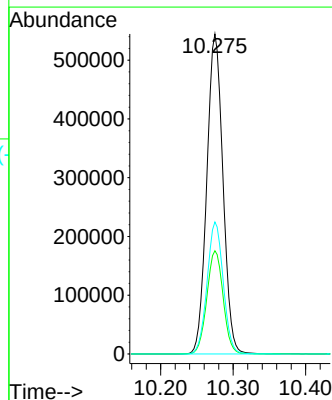
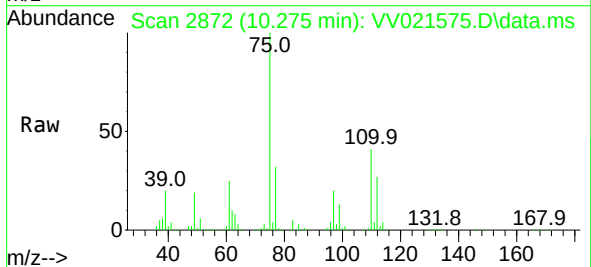
Instrument :  
MSVOA\_V  
ClientSampleId :

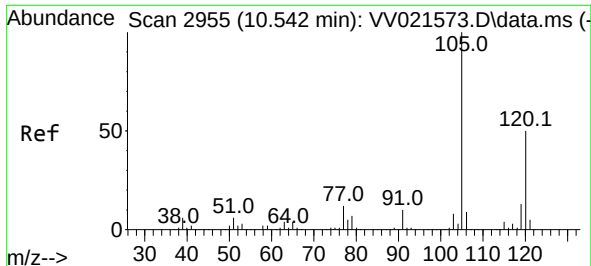
Tgt Ion:105 Resp: 2998160  
Ion Ratio Lower Upper  
105 100  
120 27.0 21.5 32.3  
77 15.0 12.0 18.0



#61  
1,2,3-Trichloropropane  
Concen: 214.633 ug/L  
RT: 10.275 min Scan# 2872  
Delta R.T. 0.000 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

Tgt Ion: 75 Resp: 842789  
Ion Ratio Lower Upper  
75 100  
77 32.6 25.8 38.8  
110 41.2 33.0 49.6

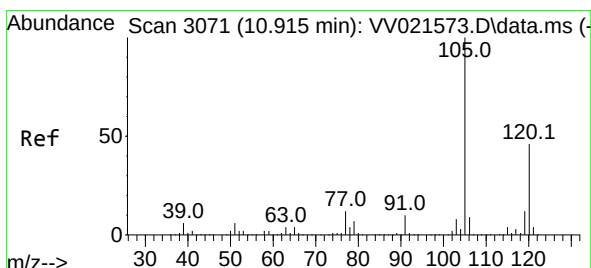
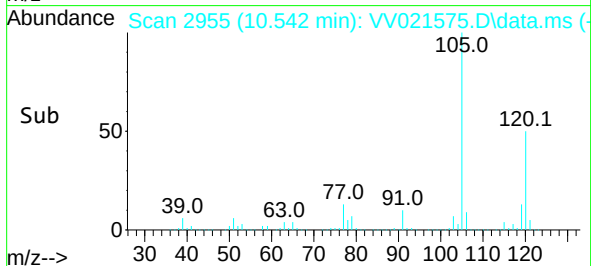
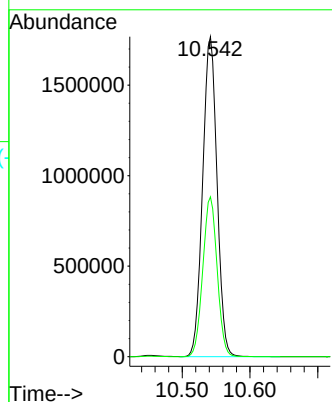
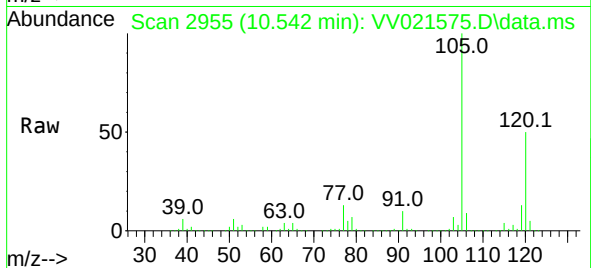




#62  
1,3,5-Trimethylbenzene  
Concen: 199.971 ug/L  
RT: 10.542 min Scan# 2955  
Delta R.T. 0.000 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

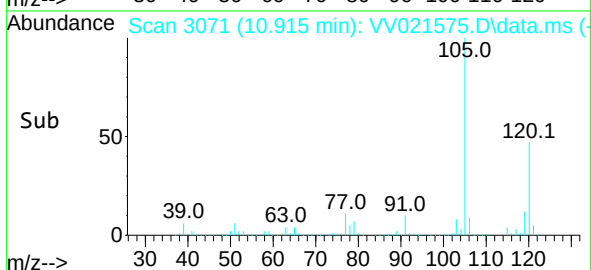
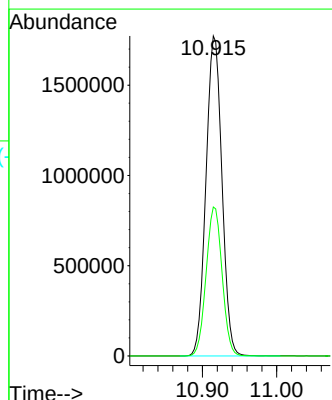
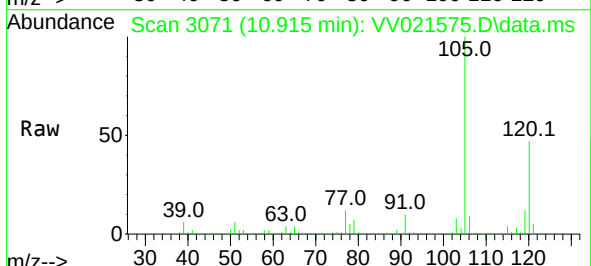
Instrument :  
MSVOA\_V  
ClientSampleId :

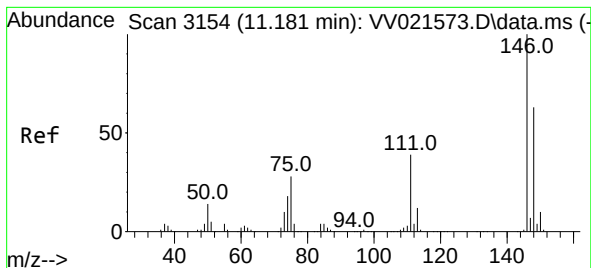
Tgt Ion:105 Resp: 2600069  
Ion Ratio Lower Upper  
105 100  
120 49.8 40.0 60.0



#63  
1,2,4-Trimethylbenzene  
Concen: 200.770 ug/L  
RT: 10.915 min Scan# 3071  
Delta R.T. 0.000 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

Tgt Ion:105 Resp: 2636551  
Ion Ratio Lower Upper  
105 100  
120 46.6 37.1 55.7

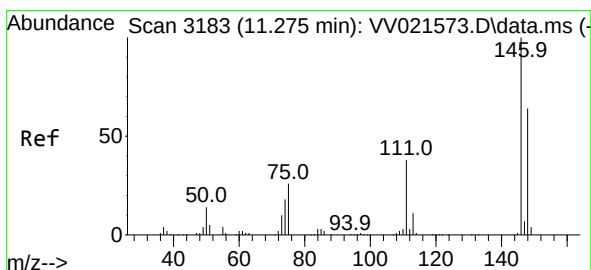
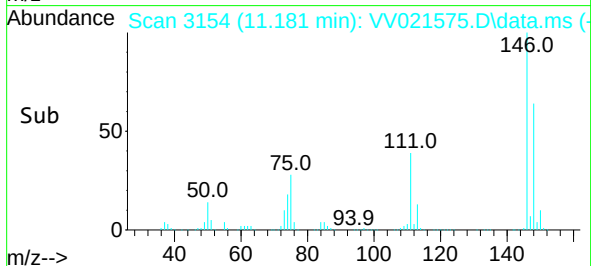
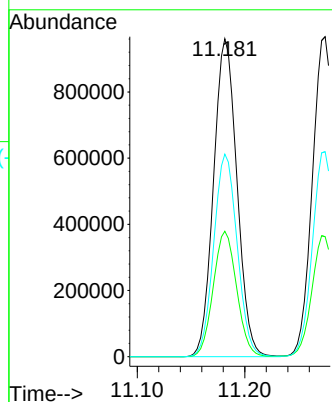
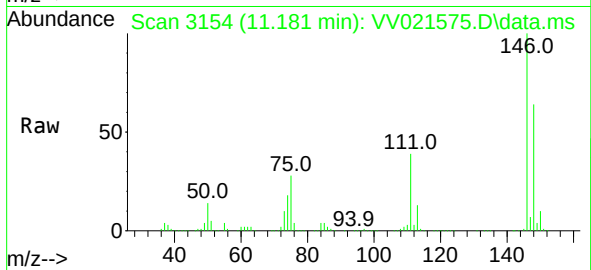




#64  
1,3-Dichlorobenzene  
Concen: 193.406 ug/L  
RT: 11.181 min Scan# 3154  
Delta R.T. 0.000 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

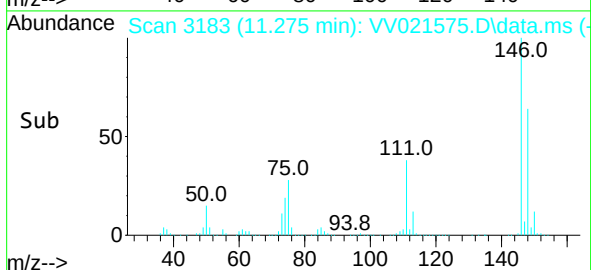
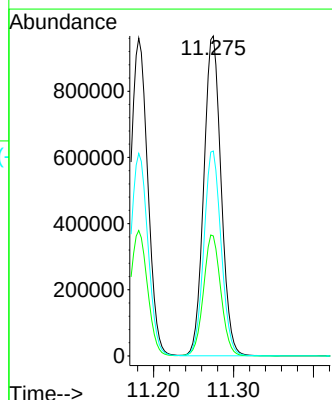
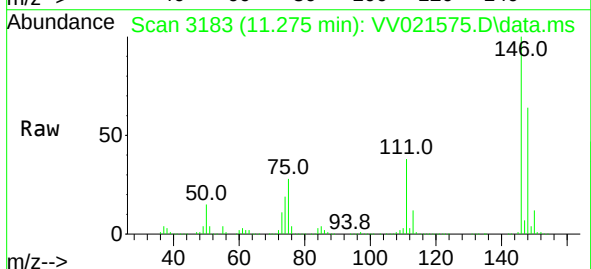
Instrument :  
MSVOA\_V  
ClientSampleId :

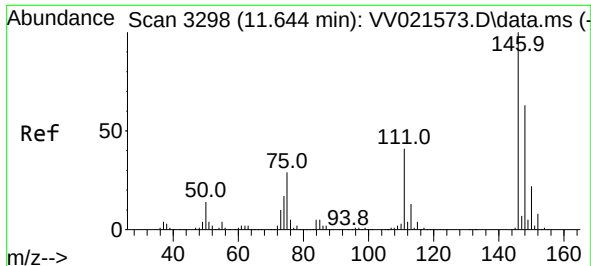
Tgt Ion:146 Resp: 1454382  
Ion Ratio Lower Upper  
146 100  
111 39.4 27.3 50.7  
148 63.7 44.2 82.0



#65  
1,4-Dichlorobenzene  
Concen: 191.706 ug/L  
RT: 11.275 min Scan# 3183  
Delta R.T. 0.000 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

Tgt Ion:146 Resp: 1455145  
Ion Ratio Lower Upper  
146 100  
111 37.5 26.6 49.4  
148 64.1 45.2 84.0

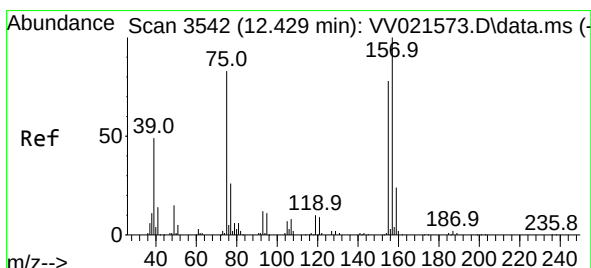
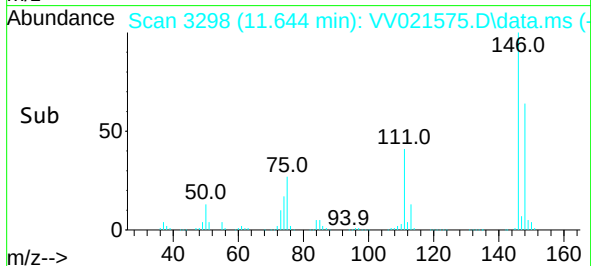
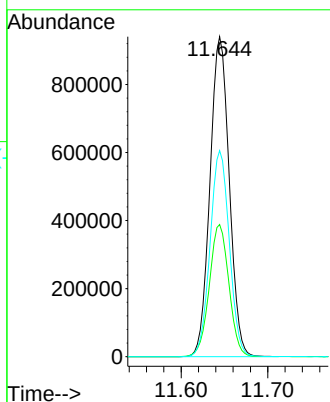
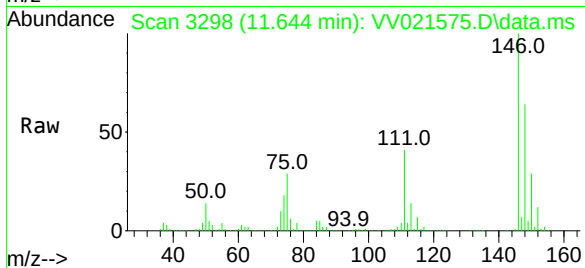




#67  
1,2-Dichlorobenzene  
Concen: 191.990 ug/L  
RT: 11.644 min Scan# 3298  
Delta R.T. 0.000 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

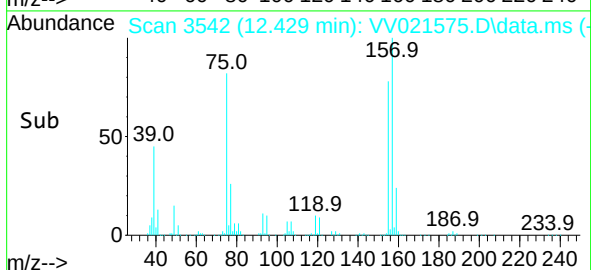
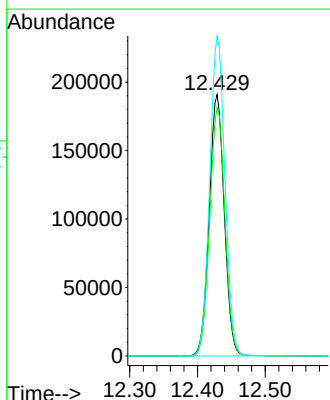
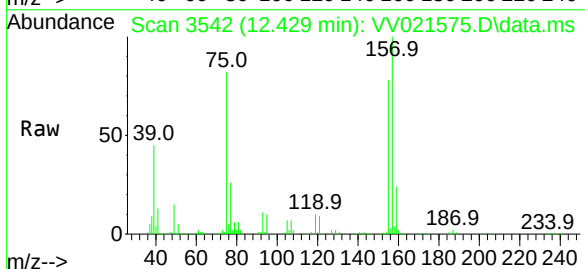
Instrument :  
MSVOA\_V  
ClientSampleId :

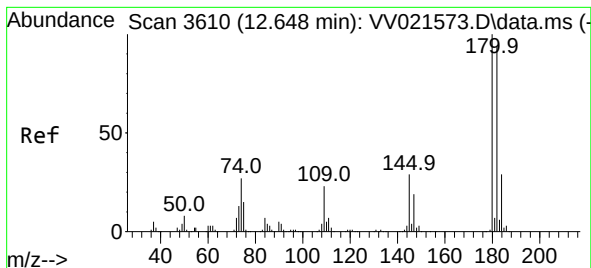
Tgt Ion:146 Resp: 1451031  
Ion Ratio Lower Upper  
146 100  
111 41.3 32.6 48.8  
148 64.4 50.5 75.7



#68  
1,2-Dibromo-3-chloropropane  
Concen: 242.715 ug/L  
RT: 12.429 min Scan# 3542  
Delta R.T. 0.000 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

Tgt Ion: 75 Resp: 296270  
Ion Ratio Lower Upper  
75 100  
155 95.0 75.9 113.9  
157 122.4 96.7 145.1

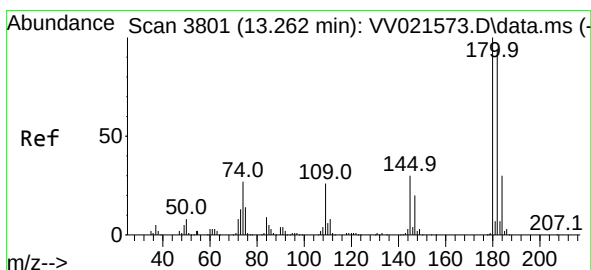
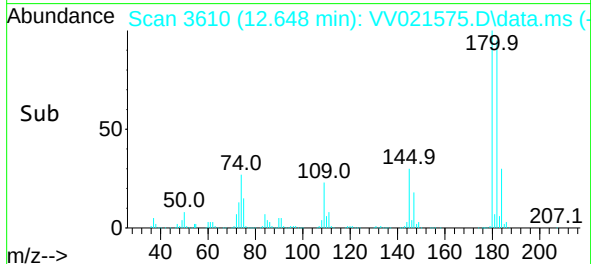
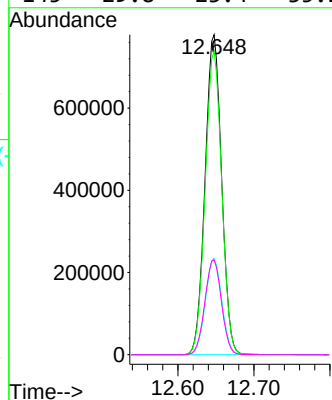
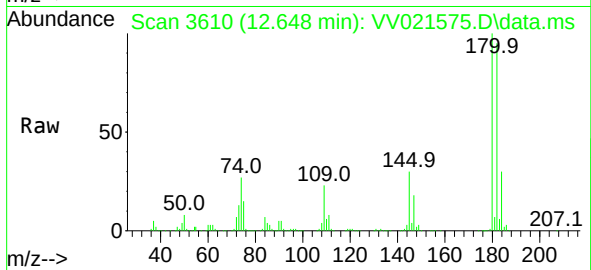




#69  
1,3,5-Trichlorobenzene  
Concen: 189.193 ug/L  
RT: 12.648 min Scan# 3610  
Delta R.T. 0.000 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

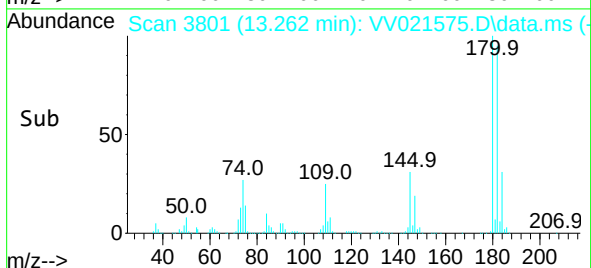
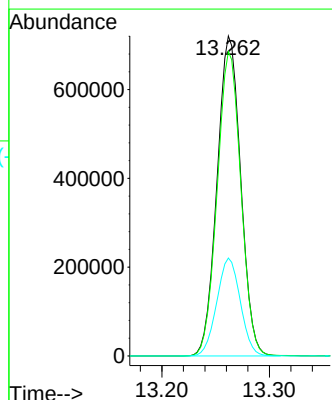
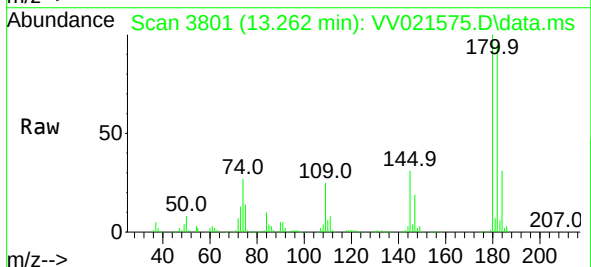
Instrument :  
MSVOA\_V  
ClientSampleId :

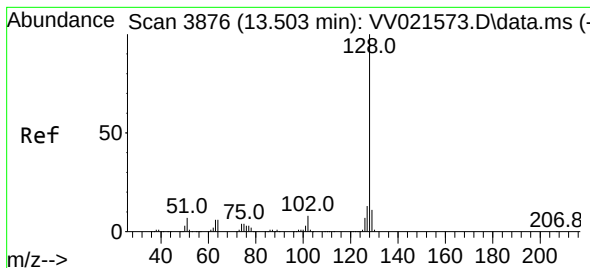
Tgt Ion:180 Resp: 1175232  
Ion Ratio Lower Upper  
180 100  
182 95.1 75.0 112.4  
184 30.1 23.8 35.6  
145 29.8 23.4 35.2



#70  
1,2,4-trichlorobenzene  
Concen: 199.526 ug/L  
RT: 13.262 min Scan# 3801  
Delta R.T. 0.000 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

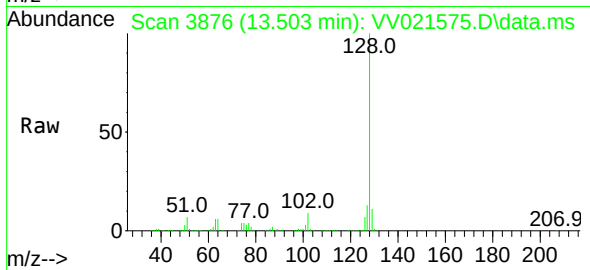
Tgt Ion:180 Resp: 1099546  
Ion Ratio Lower Upper  
180 100  
182 95.2 75.4 113.2  
145 30.5 24.1 36.1



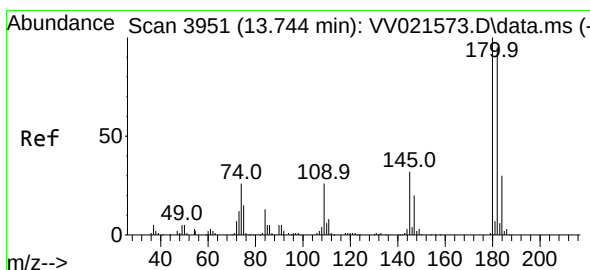
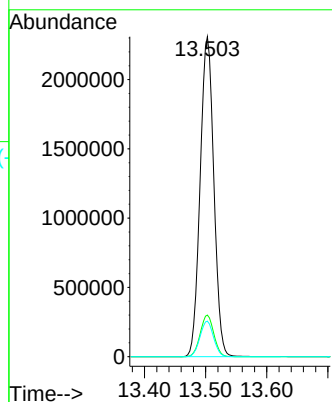
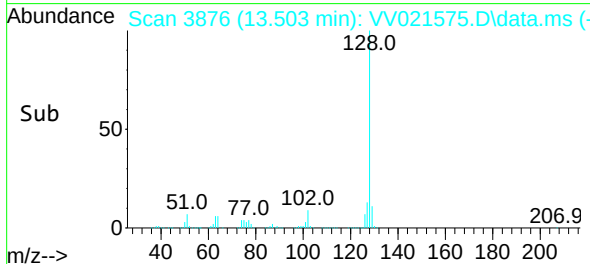


#71  
Naphthalene  
Concen: 231.657 ug/L  
RT: 13.503 min Scan# 3876  
Delta R.T. 0.000 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30

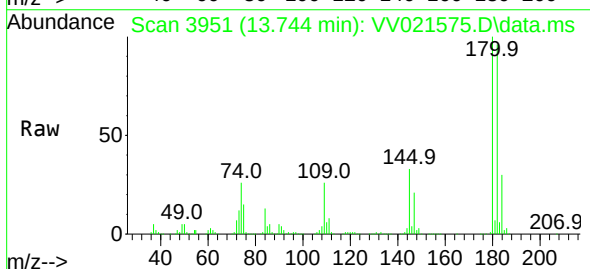
Instrument :  
MSVOA\_V  
ClientSampled :



Tgt Ion:128 Resp: 3590283  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.2 15.2  
129 11.0 8.6 13.0



#72  
1,2,3-Trichlorobenzene  
Concen: 198.047 ug/L  
RT: 13.744 min Scan# 3951  
Delta R.T. 0.000 min  
Lab File: VV021575.D  
Acq: 29 Jun 2021 11:30



Tgt Ion:180 Resp: 1066833  
Ion Ratio Lower Upper  
180 100  
182 95.9 75.8 113.6  
145 32.6 25.7 38.5

