

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW100721\  
 Data File : VW022660.D  
 Acq On : 07 Oct 2021 13:02  
 Operator : SY/MD  
 Sample : VSTD00537  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 08 02:33:50 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 08 02:32:28 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 5.622  | 114  | 119057   | 5.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.860  | 117  | 116011   | 5.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252 | 152  | 65324    | 5.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65   | 40622    | 8.627  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.571  | 69   | 36405    | 6.497  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63   | 79727    | 6.604  | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 3.976  | 46   | 117930   | 52.001 | ug/L  | 0.00     |
| 24) Chloroform-d              | 4.346  | 84   | 84604    | 5.605  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.043  | 65   | 41646    | 5.779  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.050  | 84   | 165248   | 6.028  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.082  | 67   | 50124    | 5.291  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.326  | 98   | 153147   | 6.512  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.635  | 79   | 17123    | 6.533  | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.108  | 63   | 73320    | 49.298 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220 | 84   | 36549    | 5.186  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152  | 59450    | 5.626  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.127  | 85   | 44163    | 4.977  | ug/L  | 100      |
| 3) Chloromethane              | 1.240  | 50   | 43830    | 4.930  | ug/L  | 100      |
| 5) Vinyl chloride             | 1.311  | 62   | 45027    | 4.994  | ug/L  | 100      |
| 6) Bromomethane               | 1.526  | 94   | 28188    | 4.724  | ug/L  | 100      |
| 8) Chloroethane               | 1.587  | 64   | 27674    | 4.822  | ug/L  | 100      |
| 9) Trichlorofluoromethane     | 1.754  | 101  | 69732    | 5.150  | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.118  | 101  | 38793    | 5.019  | ug/L  | 100      |
| 12) 1,1-Dichloroethene        | 2.118  | 96   | 35448    | 4.974  | ug/L  | 100      |
| 13) Acetone                   | 2.275  | 43   | 68245    | 55.404 | ug/L  | 100      |
| 14) Carbon disulfide          | 2.291  | 76   | 101745   | 4.871  | ug/L  | 100      |
| 15) Methyl Acetate            | 2.471  | 43   | 17132    | 5.023  | ug/L  | 100      |
| 16) Methylene chloride        | 2.507  | 84   | 40882    | 4.897  | ug/L  | 100      |
| 17) Methyl tert-butyl Ether   | 2.786  | 73   | 90698    | 4.977  | ug/L  | 100      |
| 18) trans-1,2-Dichloroethene  | 2.754  | 96   | 38658    | 4.978  | ug/L  | 100      |
| 19) 1,1-Dichloroethane        | 3.188  | 63   | 70623    | 5.028  | ug/L  | 100      |
| 21) 2-Butanone                | 4.063  | 43   | 106668   | 54.697 | ug/L  | 100      |
| 22) cis-1,2-Dichloroethene    | 3.905  | 96   | 42140    | 4.986  | ug/L  | 100      |
| 23) Bromochloromethane        | 4.243  | 128  | 18662    | 4.660  | ug/L  | 100      |
| 25) Chloroform                | 4.375  | 83   | 84926    | 5.432  | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 5.143  | 62   | 43296    | 5.287  | ug/L  | 100      |
| 29) 1,1,1-Trichloroethane     | 4.603  | 97   | 65374    | 5.078  | ug/L  | 100      |
| 30) Cyclohexane               | 4.661  | 56   | 58836    | 5.023  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 4.818  | 117  | 57726    | 5.032  | ug/L  | 100      |
| 33) Benzene                   | 5.098  | 78   | 155783   | 5.116  | ug/L  | 100      |
| 34) Trichloroethene           | 5.918  | 95   | 41521    | 4.694  | ug/L  | 100      |
| 35) Methylcyclohexane         | 6.137  | 83   | 58623    | 4.775  | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 6.188  | 63   | 38577    | 5.147  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.532  | 83   | 47210    | 5.000  | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 7.043  | 75   | 51425    | 5.088  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.256  | 43   | 220592   | 53.596 | ug/L  | 100      |
| 42) Toluene                   | 7.400  | 91   | 167320   | 5.218  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 7.664  | 75   | 42357    | 5.062  | ug/L  | 100      |

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :

Quant Time: Oct 08 02:33:50 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 08 02:32:28 2021  
 Response via : Initial Calibration

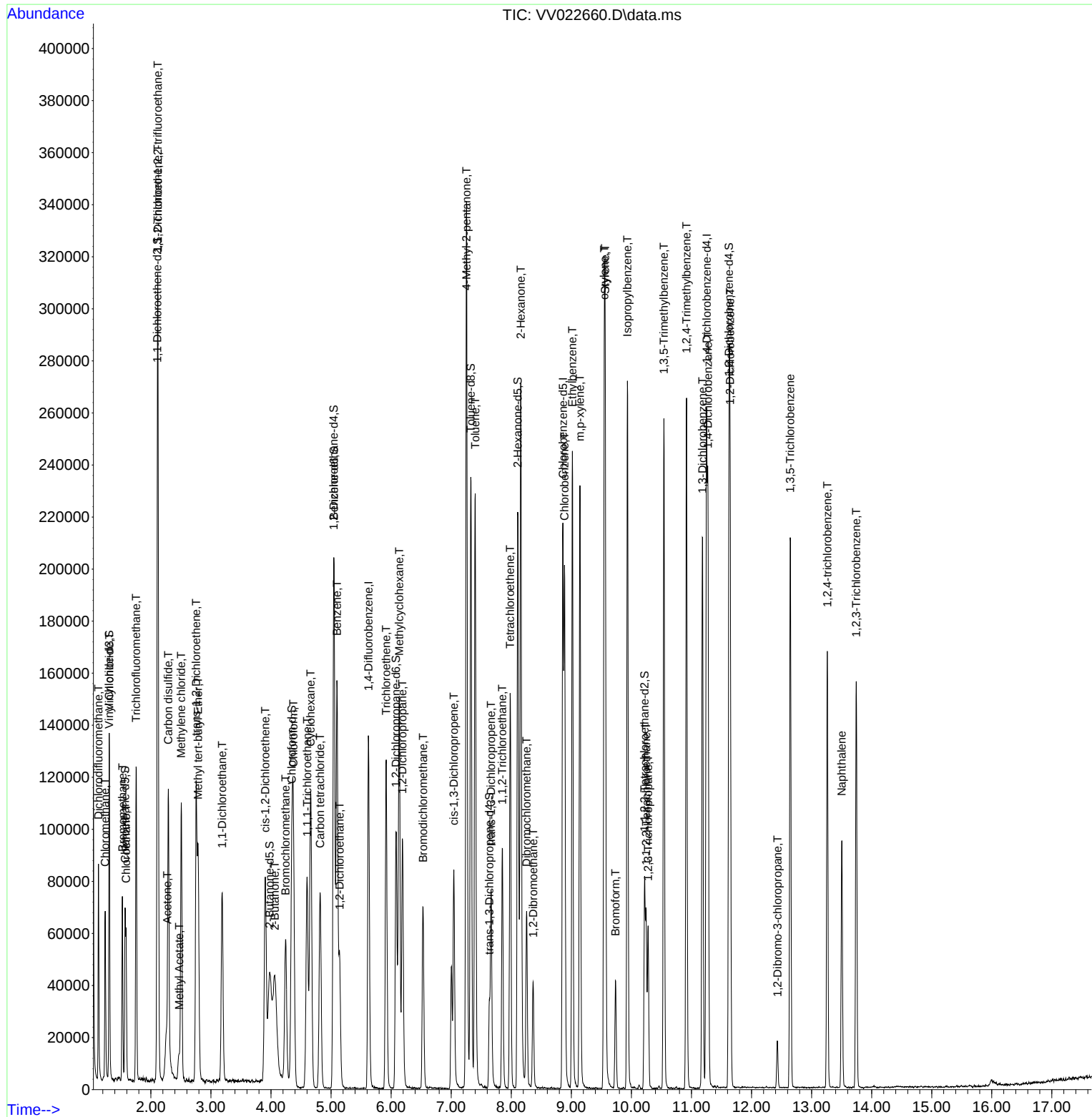
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 7.850  | 97   | 29032    | 5.191  | ug/L  | 100      |
| 47) Tetrachloroethene         | 7.982  | 164  | 34835    | 5.046  | ug/L  | 100      |
| 48) 2-Hexanone                | 8.159  | 43   | 167974   | 55.960 | ug/L  | 100      |
| 49) Dibromochloromethane      | 8.256  | 129  | 34193    | 5.203  | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.365  | 107  | 27178    | 5.244  | ug/L  | 100      |
| 51) Chlorobenzene             | 8.886  | 112  | 106402   | 5.068  | ug/L  | 100      |
| 52) Ethylbenzene              | 9.018  | 91   | 167306   | 5.102  | ug/L  | 100      |
| 53) m,p-xylene                | 9.143  | 106  | 66013    | 5.236  | ug/L  | 100      |
| 54) o-xylene                  | 9.548  | 106  | 62158    | 5.005  | ug/L  | 100      |
| 55) Styrene                   | 9.564  | 104  | 113380   | 5.363  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.246 | 83   | 30274    | 5.018  | ug/L  | 100      |
| 59) Bromoform                 | 9.738  | 173  | 18712    | 4.990  | ug/L  | 100      |
| 60) Isopropylbenzene          | 9.934  | 105  | 168397   | 4.940  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.278 | 75   | 23906    | 5.034  | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 10.542 | 105  | 135462   | 4.909  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.918 | 105  | 139670   | 4.963  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.185 | 146  | 89772    | 5.087  | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.275 | 146  | 90179    | 4.993  | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 11.645 | 146  | 83410    | 5.074  | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.432 | 75   | 4030     | 4.516  | ug/L  | 100      |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 65921    | 4.982  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 50342    | 4.763  | ug/L  | 100      |
| 71) Naphthalene               | 13.503 | 128  | 75572    | 4.447  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.744 | 180  | 48330    | 4.992  | ug/L  | 100      |

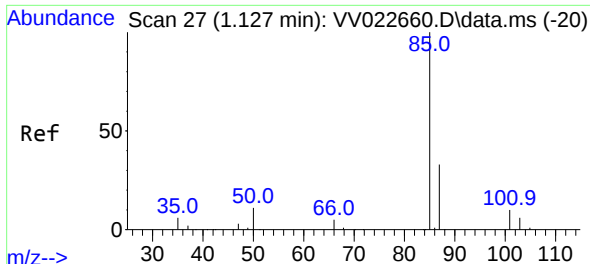
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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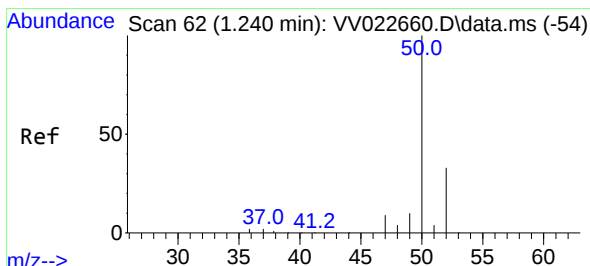
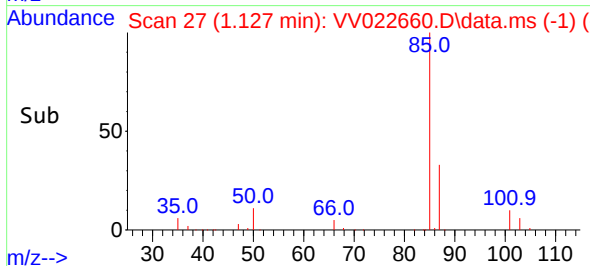
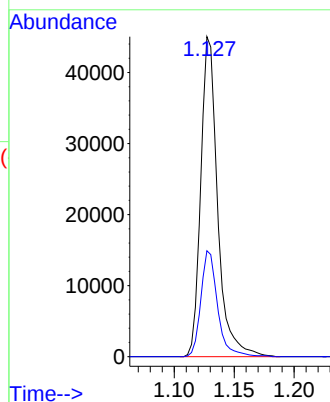
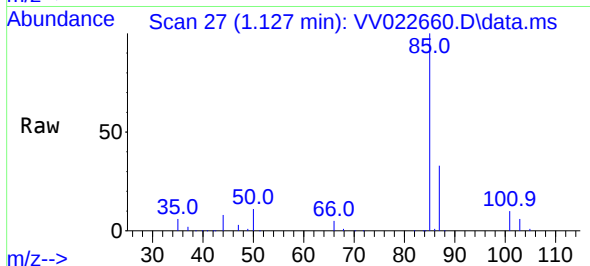




#2  
Dichlorodifluoromethane  
Concen: 4.977 ug/L  
RT: 1.127 min Scan# 27  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

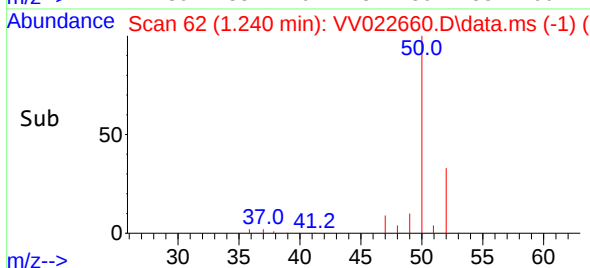
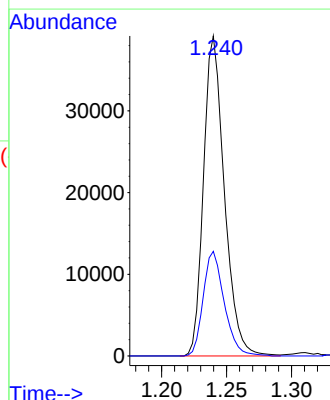
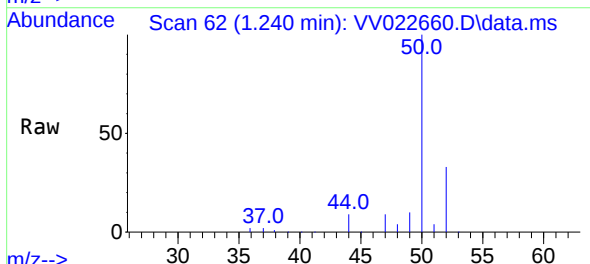
Instrument :  
MSVOA\_V  
ClientSampled :

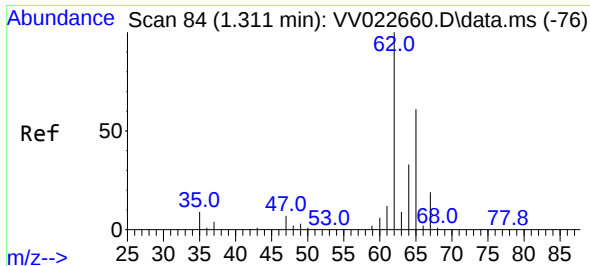
Tgt Ion: 85 Resp: 44163  
Ion Ratio Lower Upper  
85 100  
87 32.9 26.3 39.5



#3  
Chloromethane  
Concen: 4.930 ug/L  
RT: 1.240 min Scan# 62  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion: 50 Resp: 43830  
Ion Ratio Lower Upper  
50 100  
52 32.7 22.9 42.5

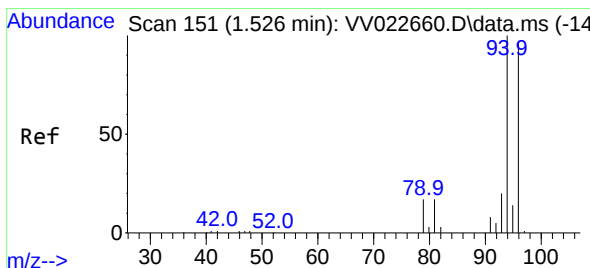
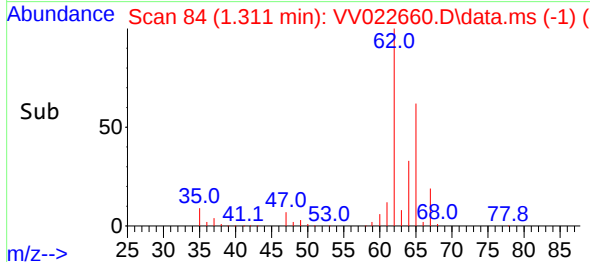
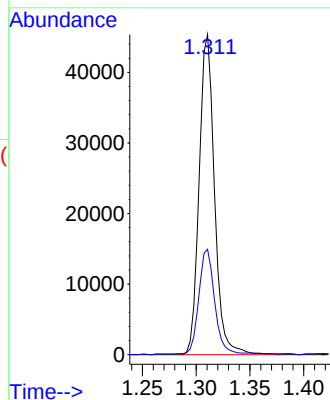
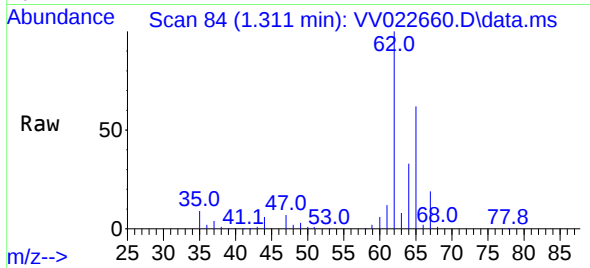




#5  
 Vinyl chloride  
 Concen: 4.994 ug/L  
 RT: 1.311 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: VV022660.D  
 Acq: 07 Oct 2021 13:02

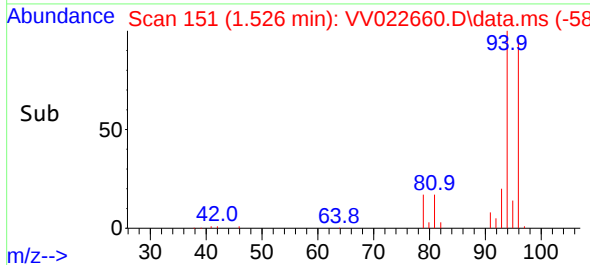
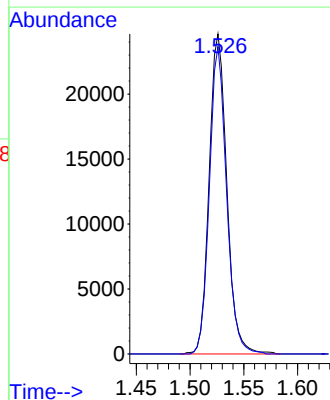
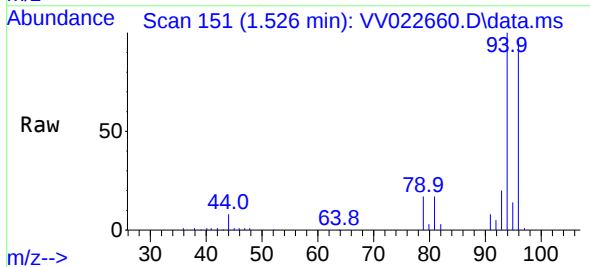
Instrument :  
 MSVOA\_V  
 ClientSampled :

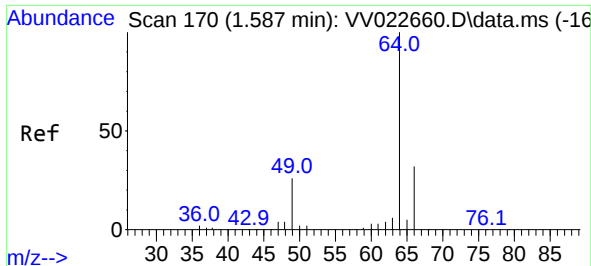
Tgt Ion: 62 Resp: 45027  
 Ion Ratio Lower Upper  
 62 100  
 64 32.9 23.0 42.8



#6  
 Bromomethane  
 Concen: 4.724 ug/L  
 RT: 1.526 min Scan# 151  
 Delta R.T. 0.000 min  
 Lab File: VV022660.D  
 Acq: 07 Oct 2021 13:02

Tgt Ion: 94 Resp: 28188  
 Ion Ratio Lower Upper  
 94 100  
 96 96.0 67.2 124.8

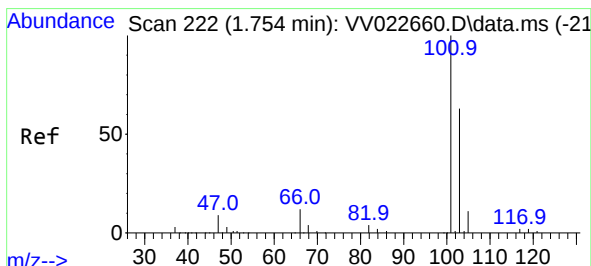
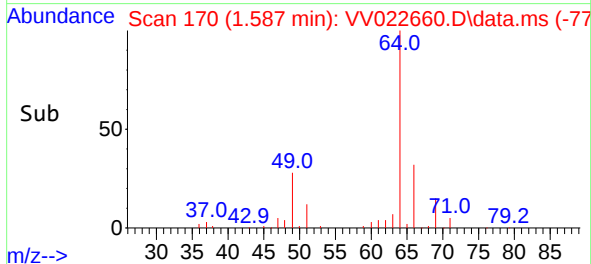
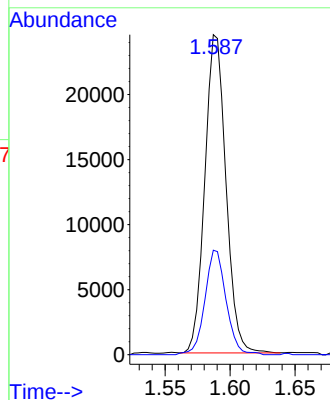
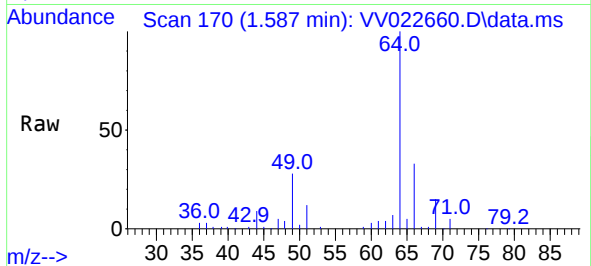




#8  
Chloroethane  
Concen: 4.822 ug/L  
RT: 1.587 min Scan# 170  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

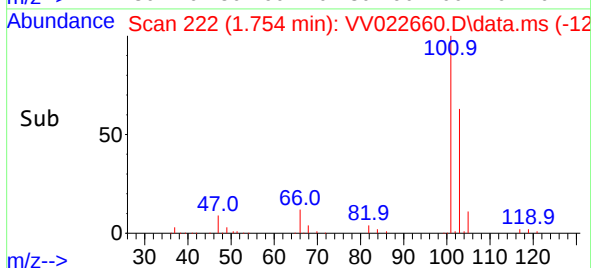
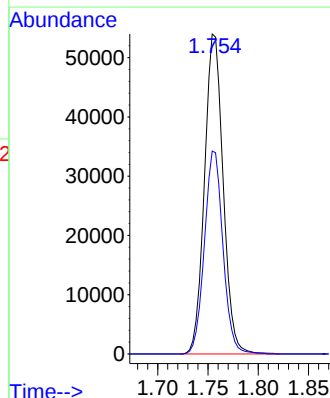
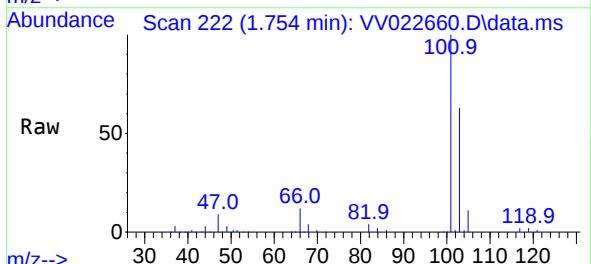
Instrument :  
MSVOA\_V  
ClientSampled :

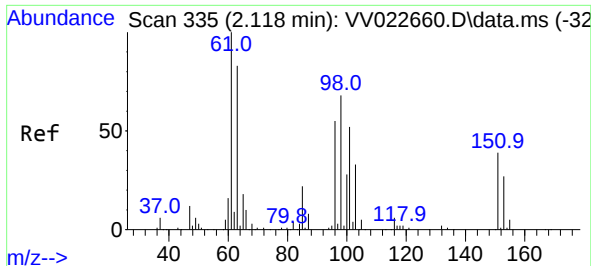
Tgt Ion: 64 Resp: 27674  
Ion Ratio Lower Upper  
64 100  
66 32.7 22.9 42.5



#9  
Trichlorofluoromethane  
Concen: 5.150 ug/L  
RT: 1.754 min Scan# 222  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion:101 Resp: 69732  
Ion Ratio Lower Upper  
101 100  
103 62.9 50.3 75.5

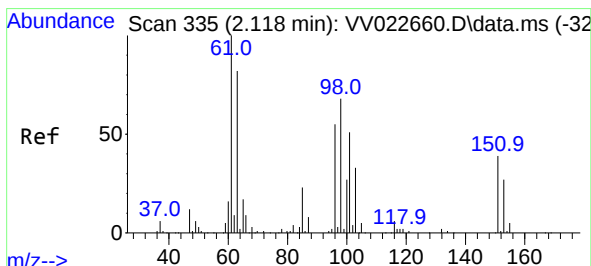
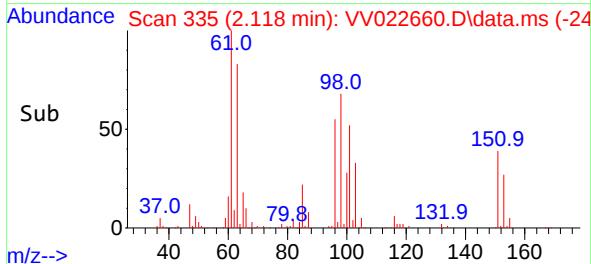
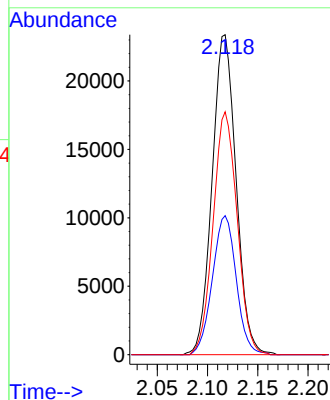
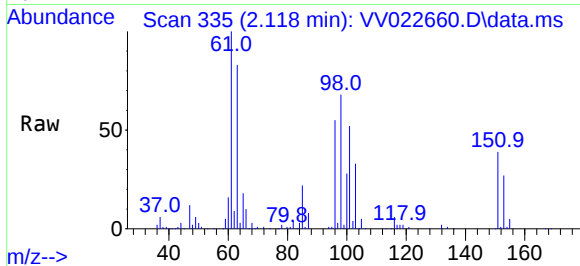




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 5.019 ug/L  
RT: 2.118 min Scan# 335  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

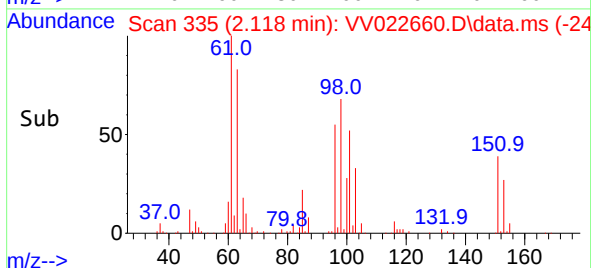
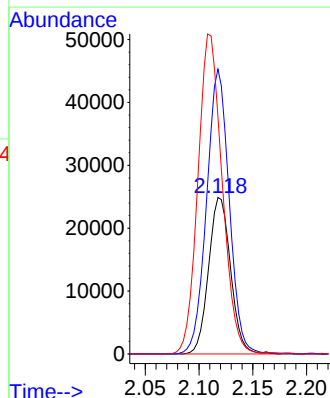
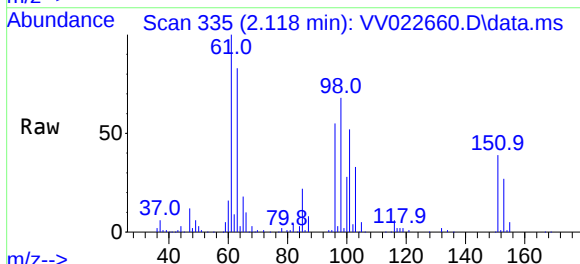
Instrument :  
MSVOA\_V  
ClientSampleId :

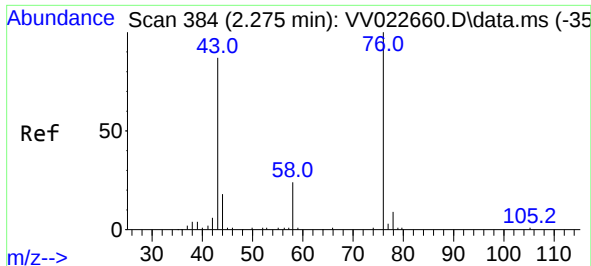
Tgt Ion:101 Resp: 38793  
Ion Ratio Lower Upper  
101 100  
85 43.3 34.6 52.0  
151 76.1 60.9 91.3



#12  
1,1-Dichloroethene  
Concen: 4.974 ug/L  
RT: 2.118 min Scan# 335  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion: 96 Resp: 35448  
Ion Ratio Lower Upper  
96 100  
61 181.9 127.3 236.5  
63 151.7 106.2 197.2

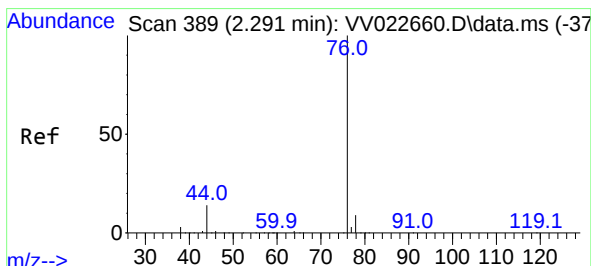
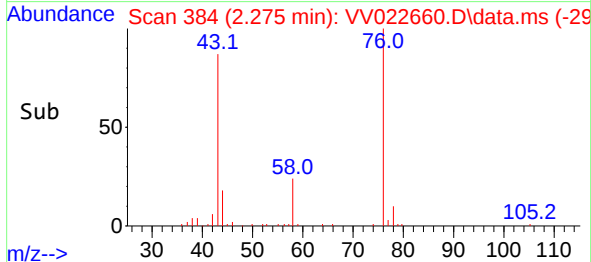
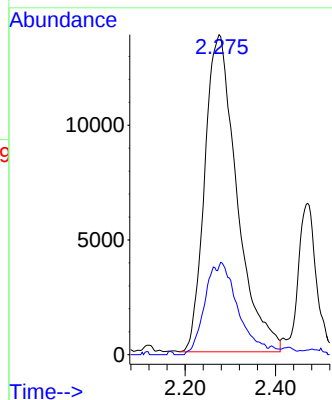
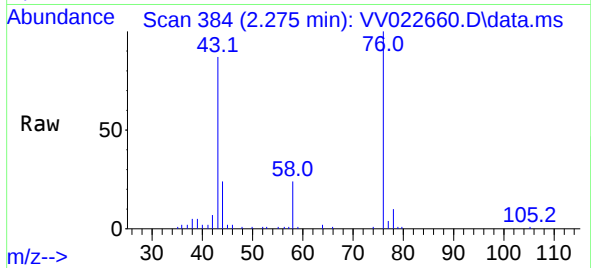




#13  
Acetone  
Concen: 55.404 ug/L  
RT: 2.275 min Scan# 384  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
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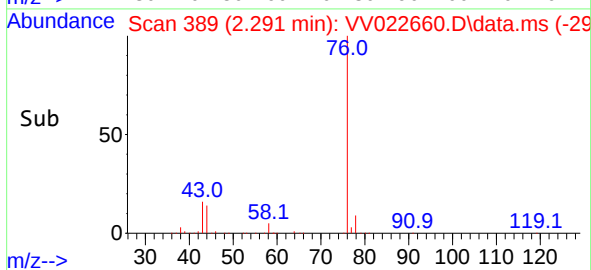
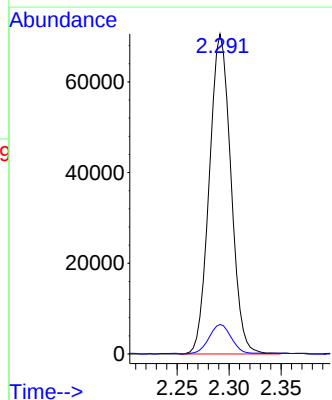
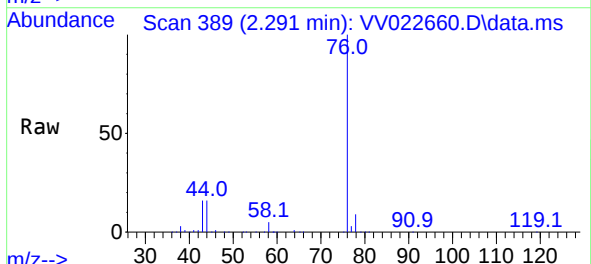
Instrument :  
MSVOA\_V  
ClientSampled :

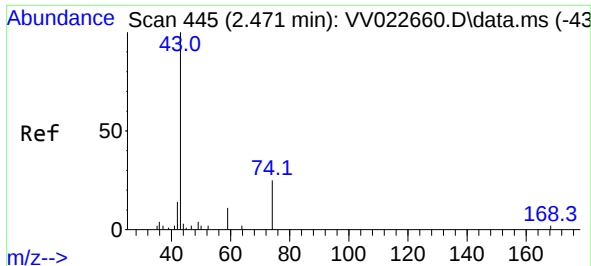
Tgt Ion: 43 Resp: 68245  
Ion Ratio Lower Upper  
43 100  
58 12.1 0.0 24.2



#14  
Carbon disulfide  
Concen: 4.871 ug/L  
RT: 2.291 min Scan# 389  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion: 76 Resp: 101745  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0

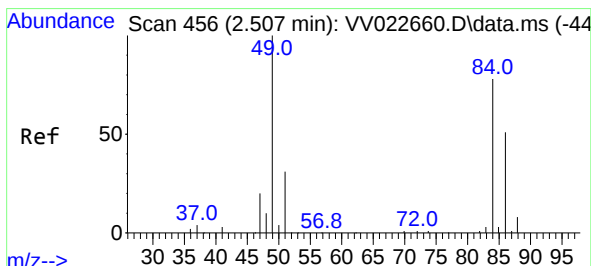
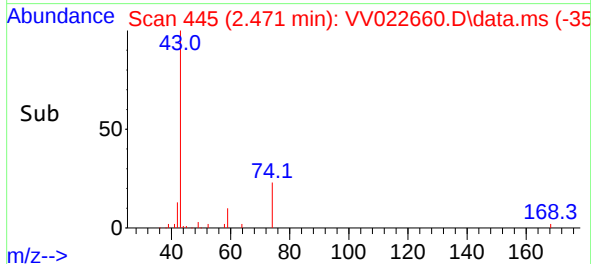
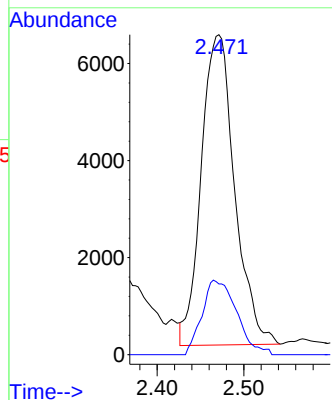
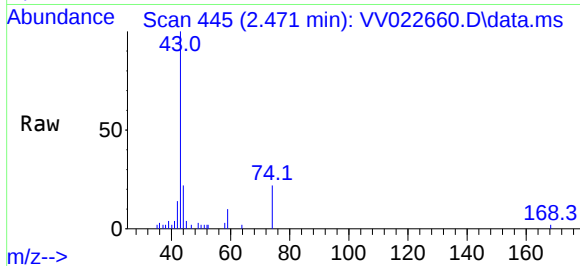




#15  
Methyl Acetate  
Concen: 5.023 ug/L  
RT: 2.471 min Scan# 445  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

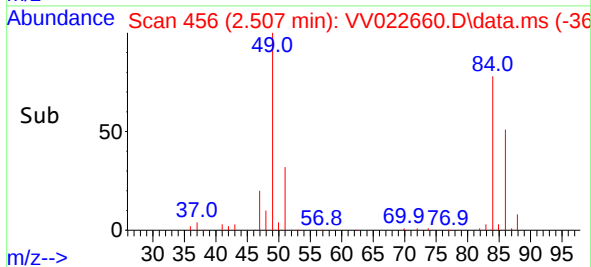
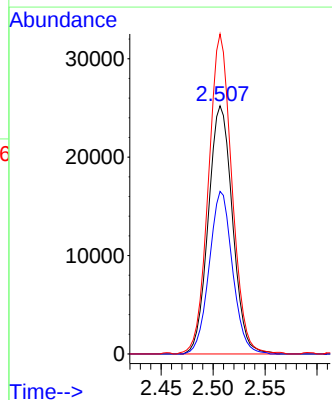
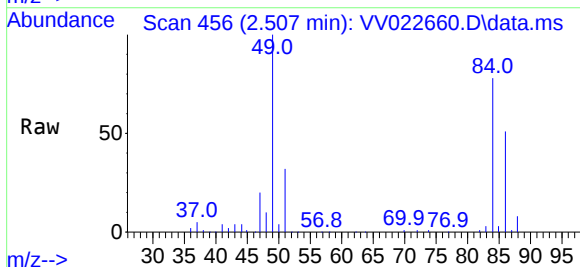
Instrument :  
MSVOA\_V  
ClientSampled :

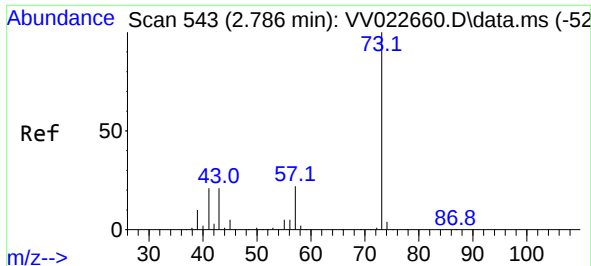
Tgt Ion: 43 Resp: 17132  
Ion Ratio Lower Upper  
43 100  
74 24.9 19.9 29.9



#16  
Methylene chloride  
Concen: 4.897 ug/L  
RT: 2.507 min Scan# 456  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion: 84 Resp: 40882  
Ion Ratio Lower Upper  
84 100  
86 65.5 45.8 85.2  
49 129.0 90.3 167.7



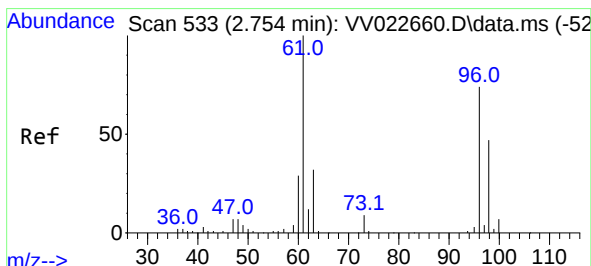
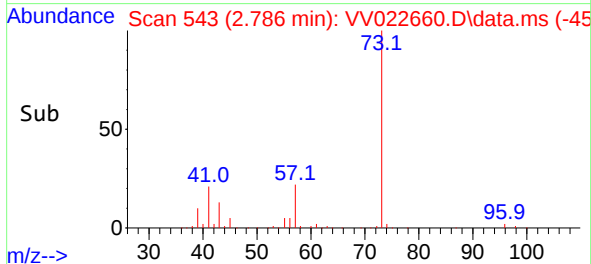
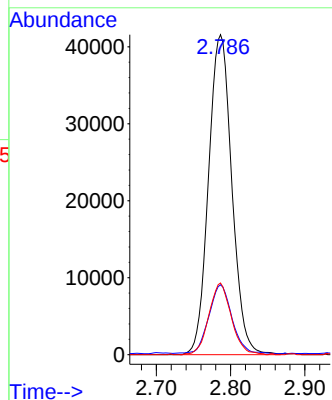
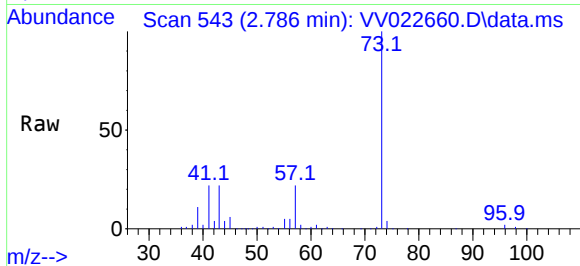


#17  
Methyl tert-butyl Ether  
Concen: 4.977 ug/L  
RT: 2.786 min Scan# 543  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 73 Resp: 90698

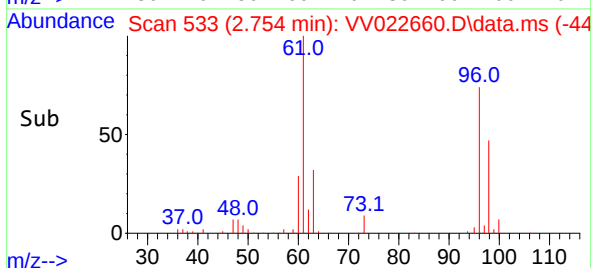
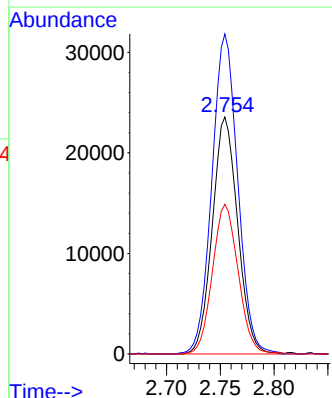
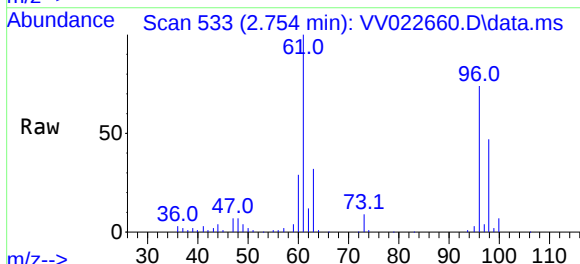
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 73  | 100   |       |       |
| 43  | 21.4  | 17.1  | 25.7  |
| 57  | 21.5  | 17.2  | 25.8  |

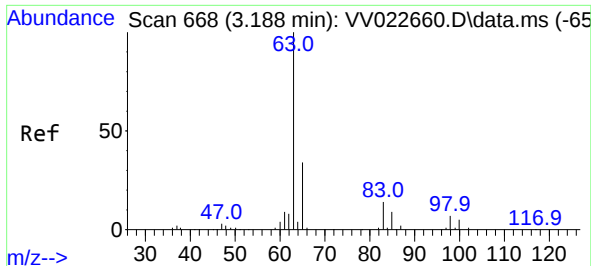


#18  
trans-1,2-Dichloroethene  
Concen: 4.978 ug/L  
RT: 2.754 min Scan# 533  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion: 96 Resp: 38658

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 135.0 | 94.5  | 175.5 |
| 98  | 63.1  | 44.2  | 82.0  |

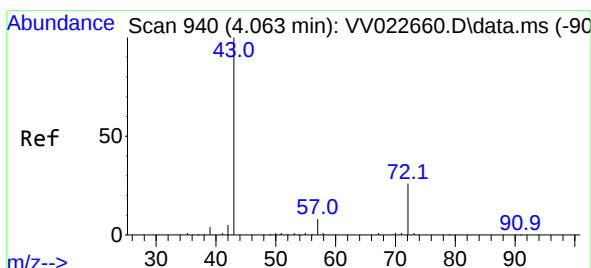
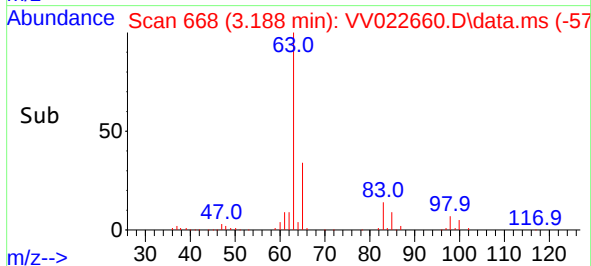
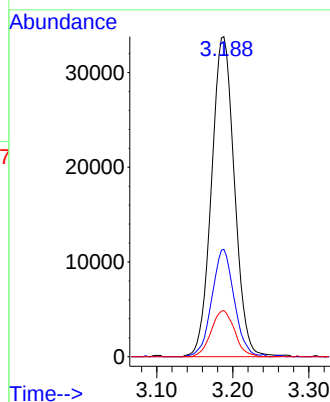
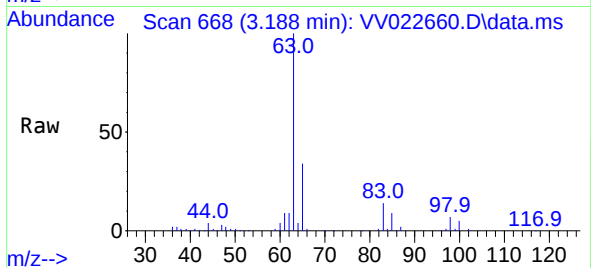




#19  
1,1-Dichloroethane  
Concen: 5.028 ug/L  
RT: 3.188 min Scan# 668  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

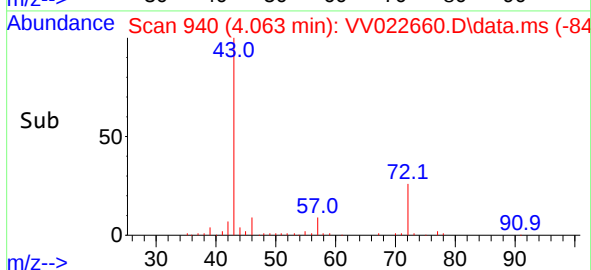
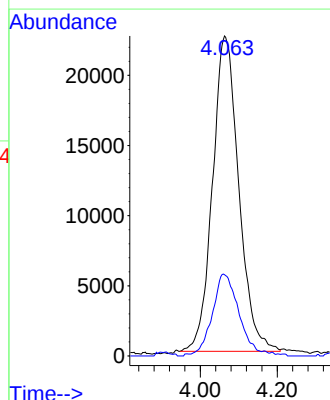
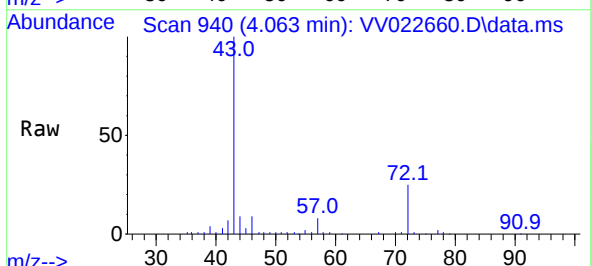
Instrument :  
MSVOA\_V  
ClientSampleId :

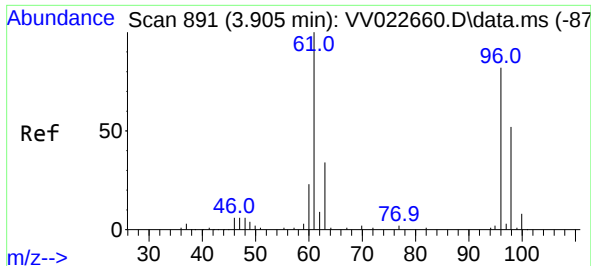
Tgt Ion: 63 Resp: 70623  
Ion Ratio Lower Upper  
63 100  
65 33.6 23.5 43.7  
83 14.4 10.1 18.7



#21  
2-Butanone  
Concen: 54.697 ug/L  
RT: 4.063 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

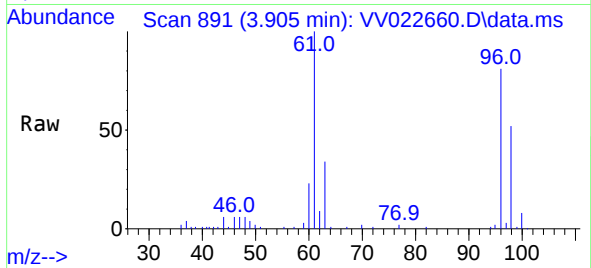
Tgt Ion: 43 Resp: 106668  
Ion Ratio Lower Upper  
43 100  
72 24.5 12.3 36.8



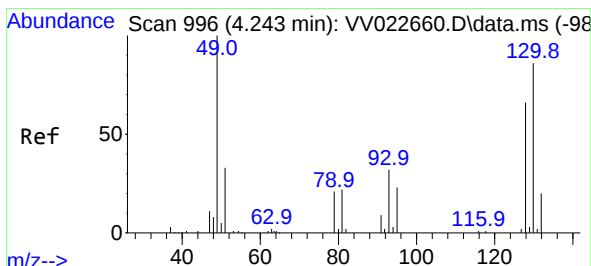
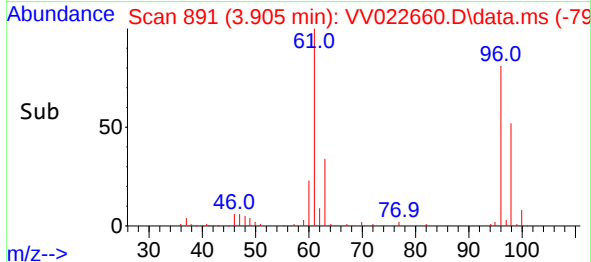
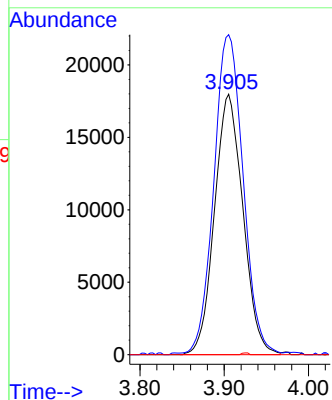


#22  
cis-1,2-Dichloroethene  
Concen: 4.986 ug/L  
RT: 3.905 min Scan# 891  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Instrument :  
MSVOA\_V  
ClientSampled :

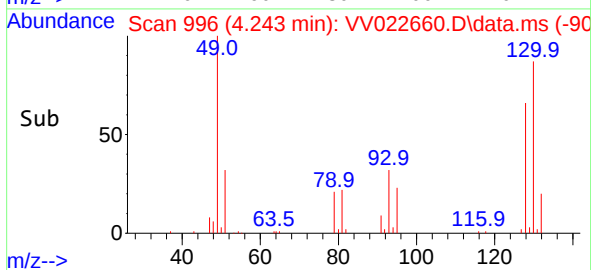
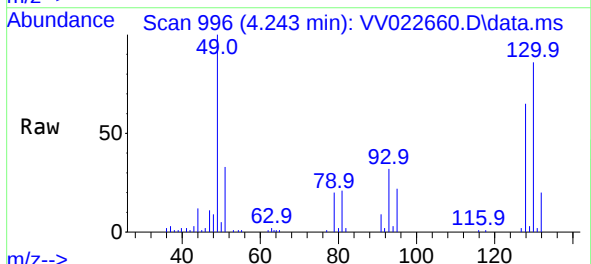
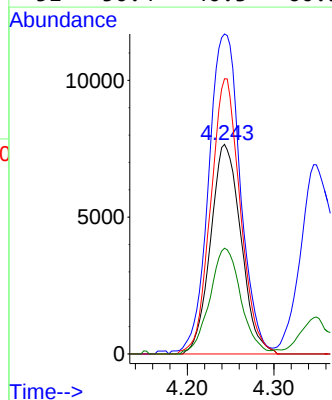


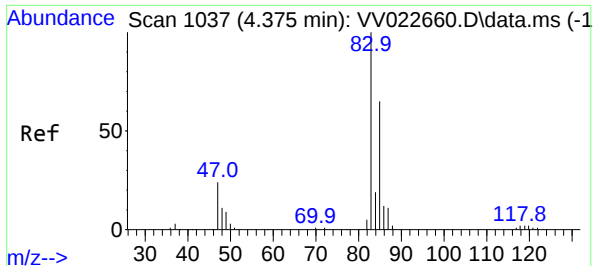
Tgt Ion: 96 Resp: 42140  
Ion Ratio Lower Upper  
96 100  
61 122.8 86.0 159.6  
68 0.0 0.0 0.0



#23  
Bromochloromethane  
Concen: 4.660 ug/L  
RT: 4.243 min Scan# 996  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion: 128 Resp: 18662  
Ion Ratio Lower Upper  
128 100  
49 152.7 106.9 198.5  
130 131.3 91.9 170.7  
51 50.4 40.3 60.5



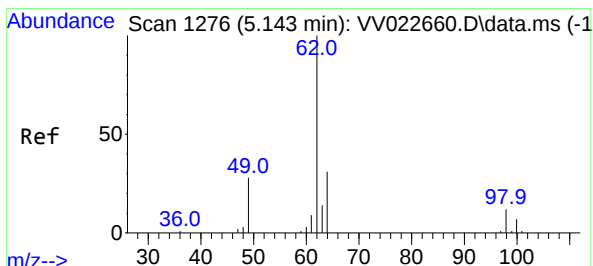
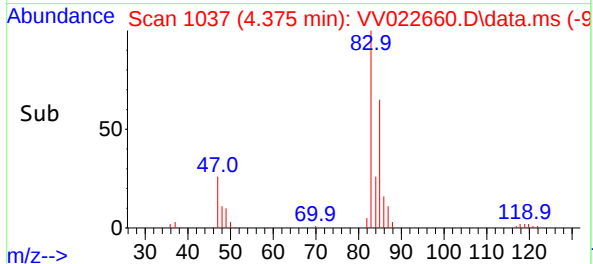
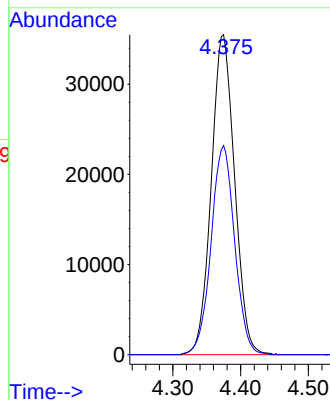
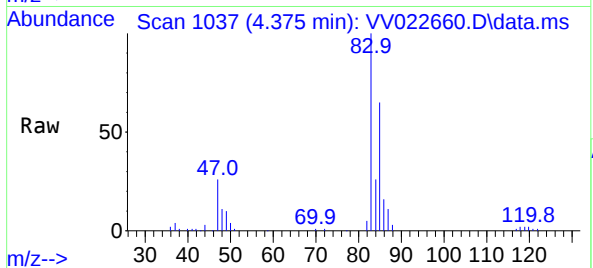


#25

Chloroform  
Concen: 5.432 ug/L  
RT: 4.375 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Instrument :  
MSVOA\_V  
ClientSampled :

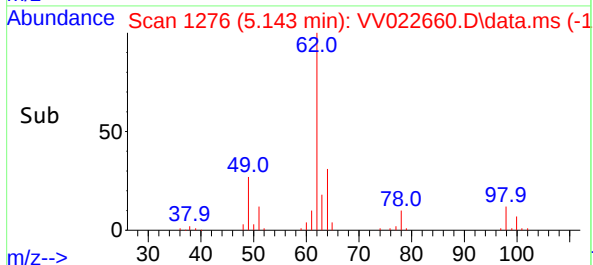
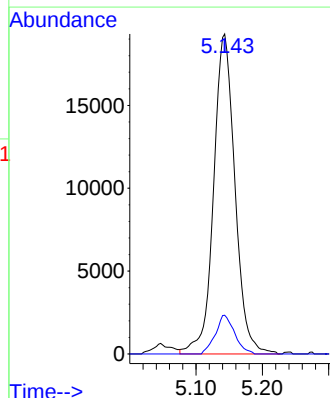
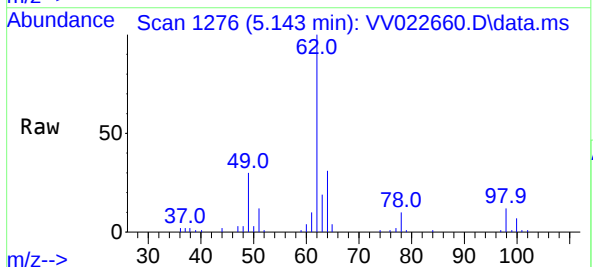
Tgt Ion: 83 Resp: 84926  
Ion Ratio Lower Upper  
83 100  
85 65.3 45.7 84.9

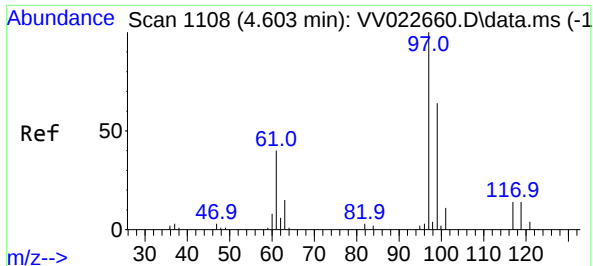


#27

1,2-Dichloroethane  
Concen: 5.287 ug/L  
RT: 5.143 min Scan# 1276  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion: 62 Resp: 43296  
Ion Ratio Lower Upper  
62 100  
98 12.1 9.7 14.5



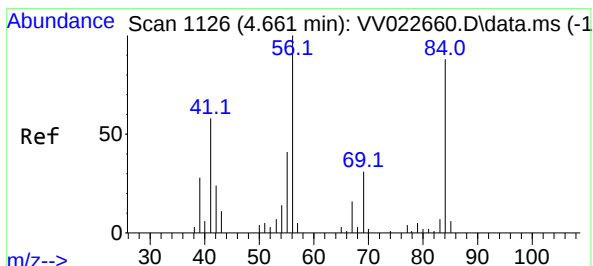
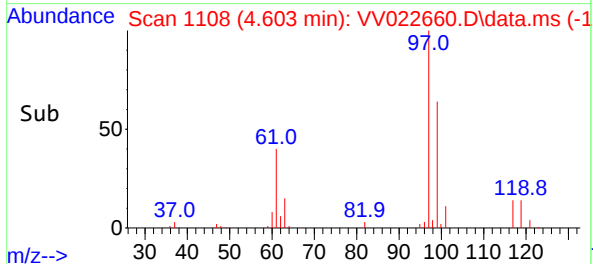
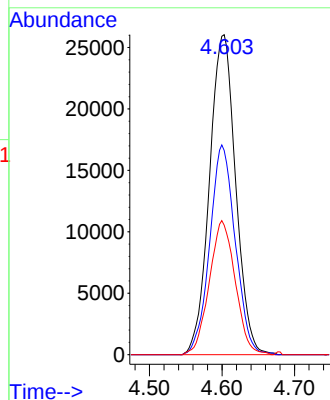
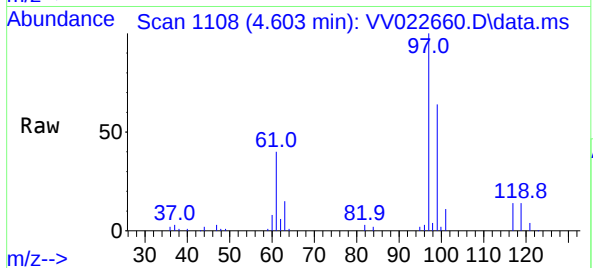


#29

1,1,1-Trichloroethane  
Concen: 5.078 ug/L  
RT: 4.603 min Scan# 1108  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Instrument :  
MSVOA\_V  
ClientSampleId :

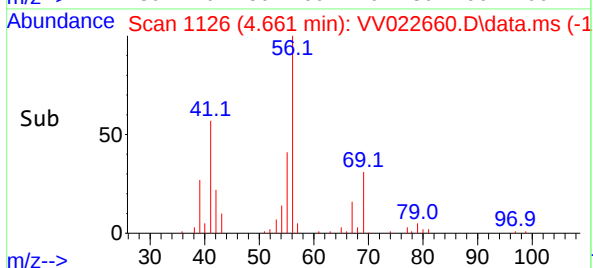
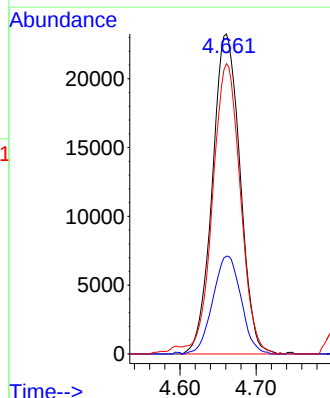
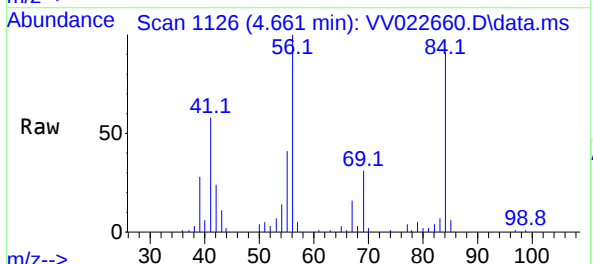
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 65374 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 64.0  | 51.2  | 76.8  |
| 61       | 41.5  | 33.2  | 49.8  |

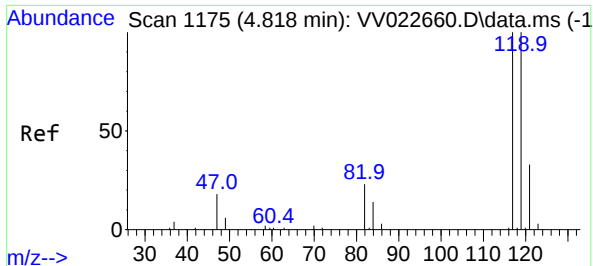


#30

Cyclohexane  
Concen: 5.023 ug/L  
RT: 4.661 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 58836 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 31.1  | 24.9  | 37.3  |
| 84       | 90.6  | 72.5  | 108.7 |

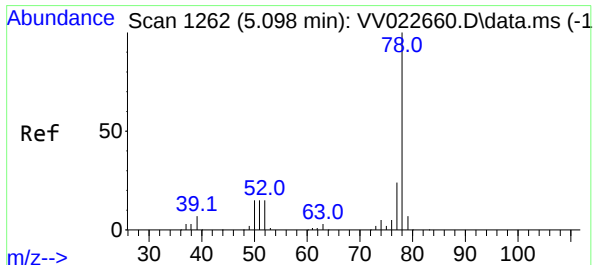
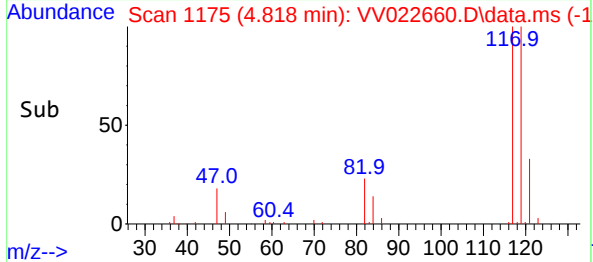
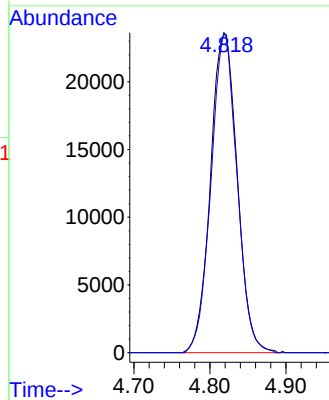
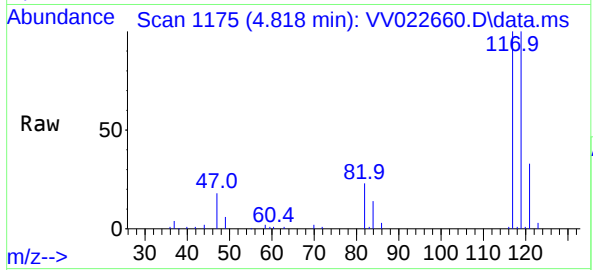




#31  
Carbon tetrachloride  
Concen: 5.032 ug/L  
RT: 4.818 min Scan# 1175  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

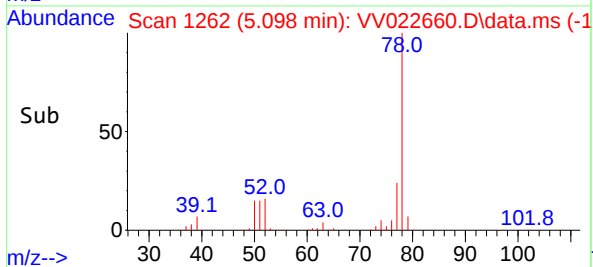
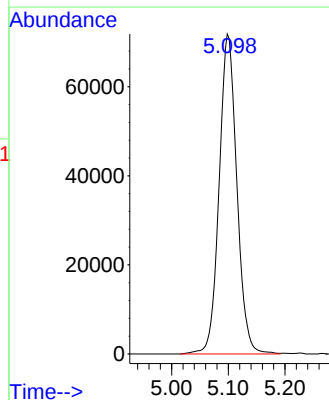
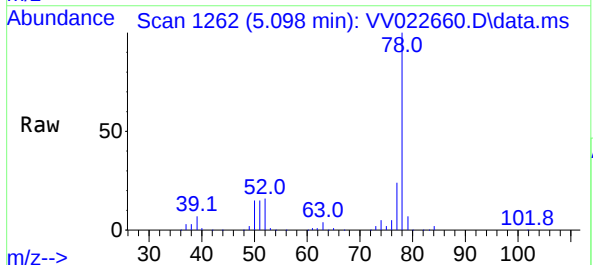
Instrument :  
MSVOA\_V  
ClientSampled :

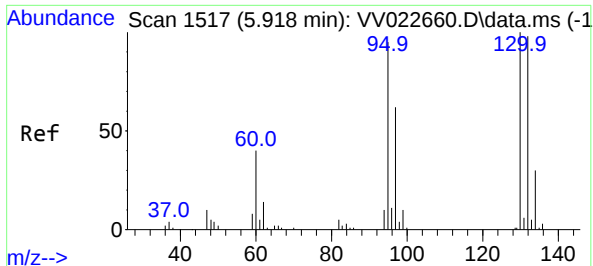
Tgt Ion:117 Resp: 57726  
Ion Ratio Lower Upper  
117 100  
119 96.7 77.4 116.0



#33  
Benzene  
Concen: 5.116 ug/L  
RT: 5.098 min Scan# 1262  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion: 78 Resp: 155783

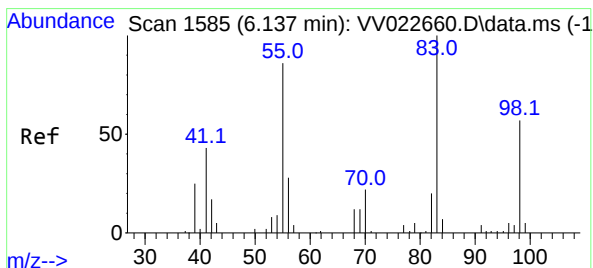
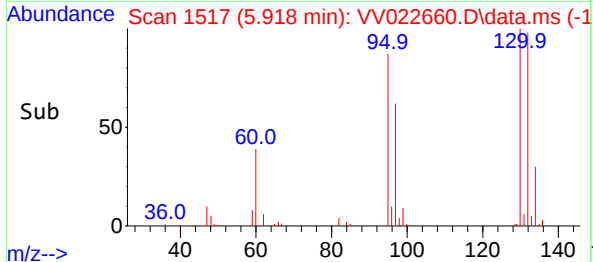
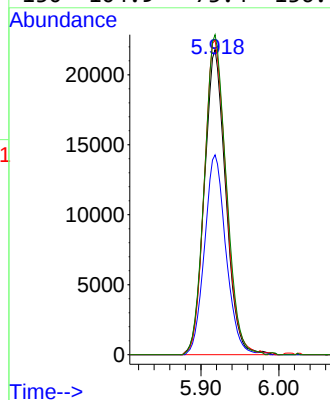
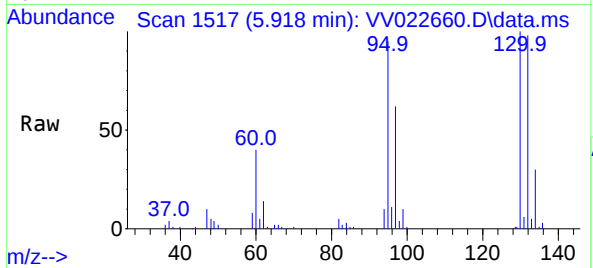




#34  
Trichloroethene  
Concen: 4.694 ug/L  
RT: 5.918 min Scan# 1517  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

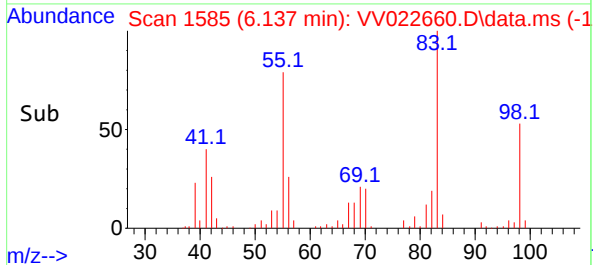
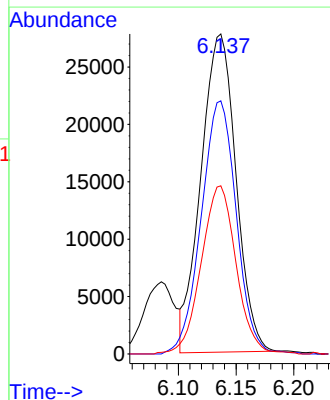
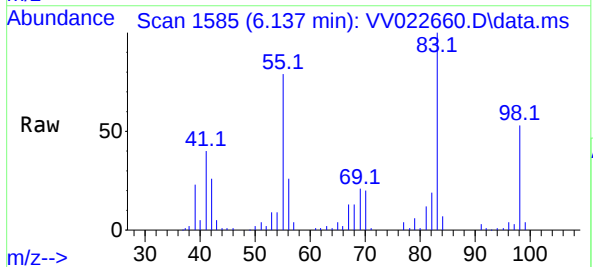
Instrument :  
MSVOA\_V  
ClientSampled :

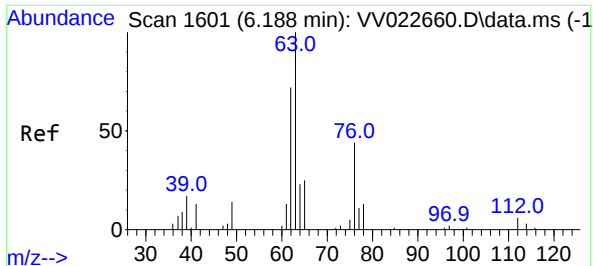
Tgt Ion: 95 Resp: 41521  
Ion Ratio Lower Upper  
95 100  
97 65.5 45.8 85.2  
132 103.1 72.2 134.0  
130 104.9 73.4 136.4



#35  
Methylcyclohexane  
Concen: 4.775 ug/L  
RT: 6.137 min Scan# 1585  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion: 83 Resp: 58623  
Ion Ratio Lower Upper  
83 100  
55 79.7 63.8 95.6  
98 52.6 42.1 63.1

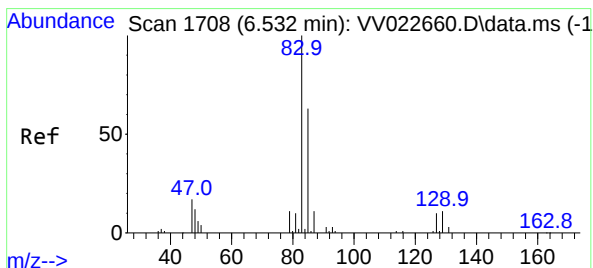
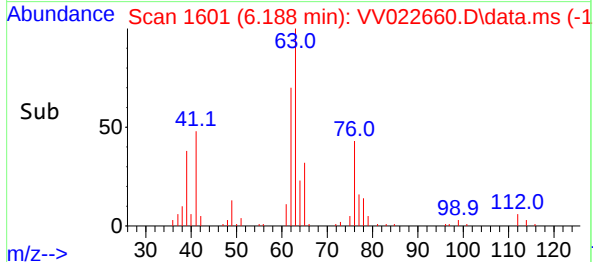
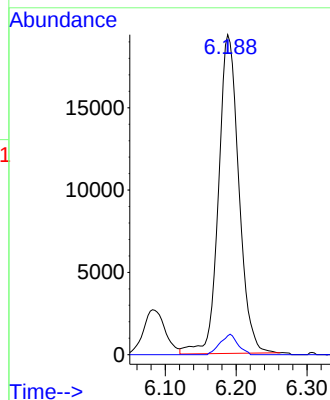
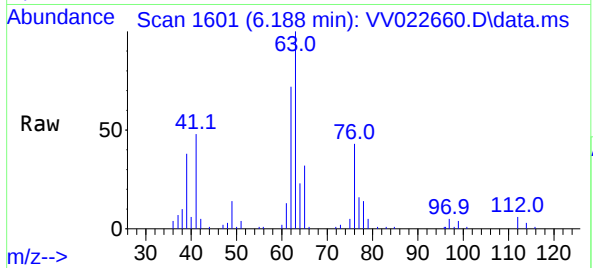




#37  
1,2-Dichloropropane  
Concen: 5.147 ug/L  
RT: 6.188 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

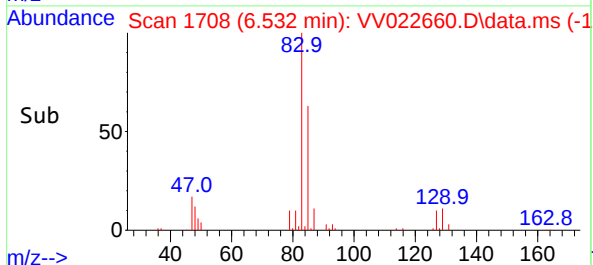
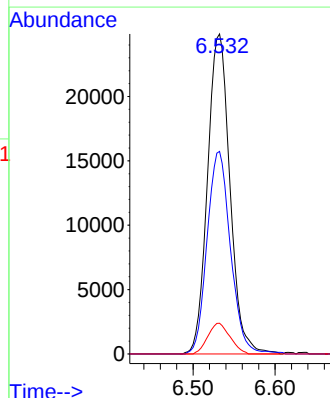
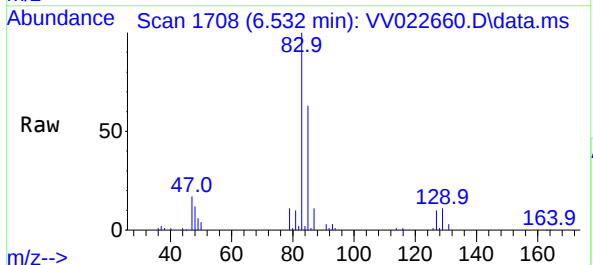
Instrument :  
MSVOA\_V  
ClientSampled :

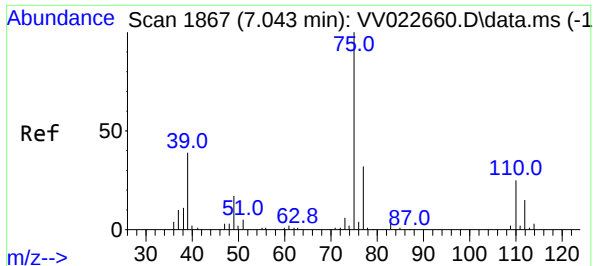
Tgt Ion: 63 Resp: 38577  
Ion Ratio Lower Upper  
63 100  
112 5.5 4.4 6.6



#38  
Bromodichloromethane  
Concen: 5.000 ug/L  
RT: 6.532 min Scan# 1708  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion: 83 Resp: 47210  
Ion Ratio Lower Upper  
83 100  
85 63.3 44.3 82.3  
127 9.6 7.7 11.5



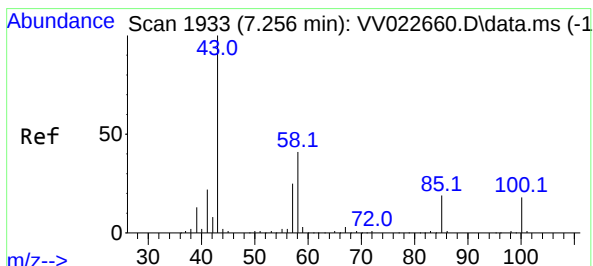
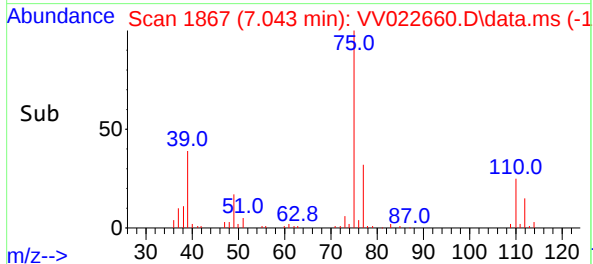
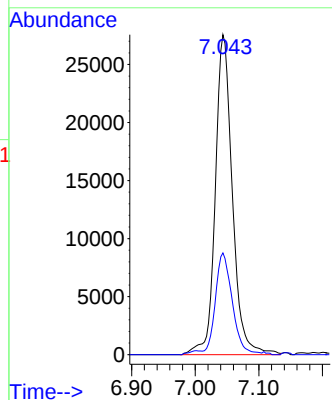
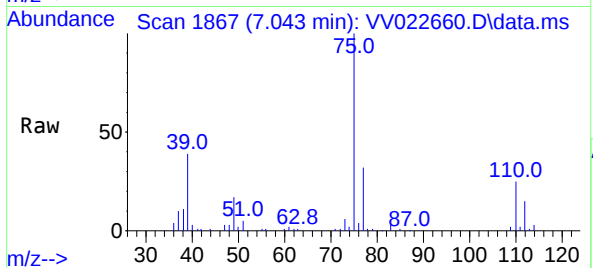


#39

cis-1,3-Dichloropropene  
Concen: 5.088 ug/L  
RT: 7.043 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Instrument :  
MSVOA\_V  
ClientSampled :

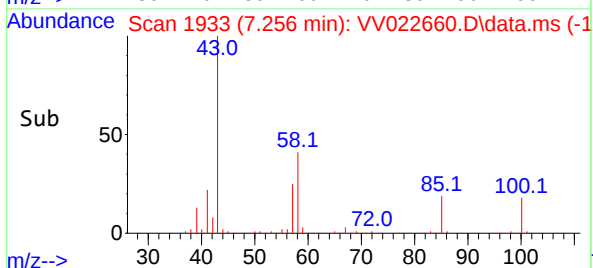
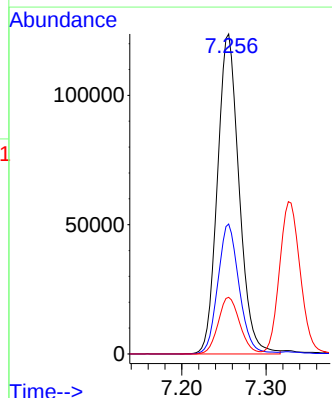
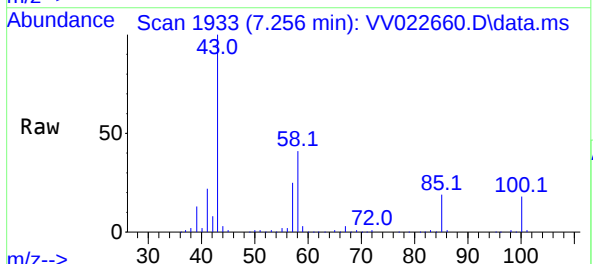
Tgt Ion: 75 Resp: 51425  
Ion Ratio Lower Upper  
75 100  
77 31.8 22.3 41.3

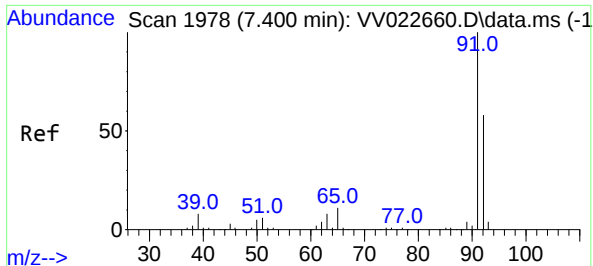


#40

4-Methyl-2-pentanone  
Concen: 53.596 ug/L  
RT: 7.256 min Scan# 1933  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion: 43 Resp: 220592  
Ion Ratio Lower Upper  
43 100  
58 40.0 32.0 48.0  
100 17.7 14.2 21.2





#42

Toluene

Concen: 5.218 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.000 min

Lab File: VV022660.D

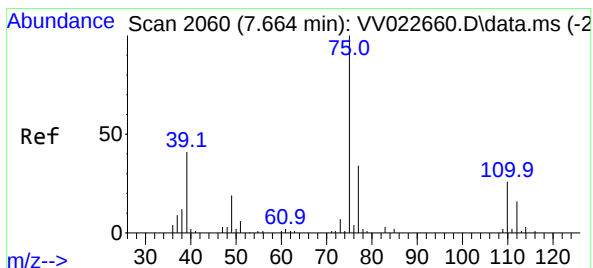
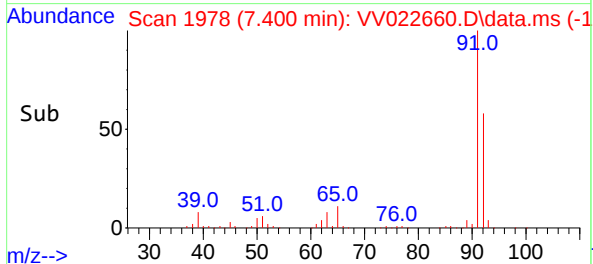
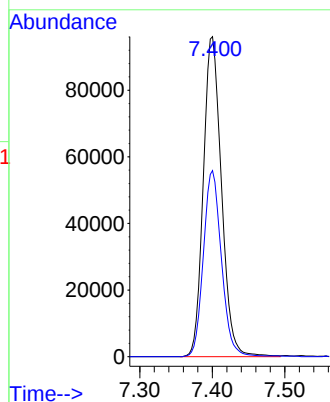
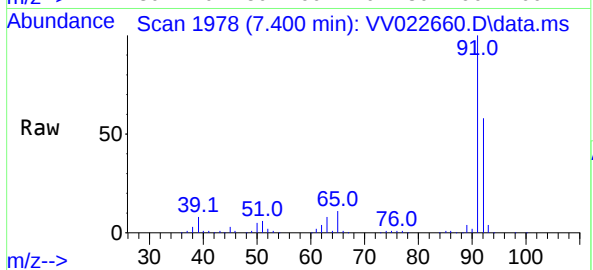
Acq: 07 Oct 2021 13:02

Tgt Ion: 91 Resp: 167320

Ion Ratio Lower Upper

91 100

92 58.2 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.062 ug/L

RT: 7.664 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VV022660.D

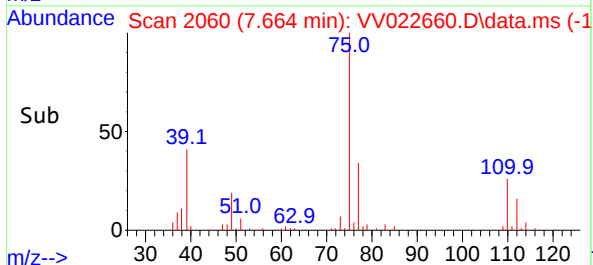
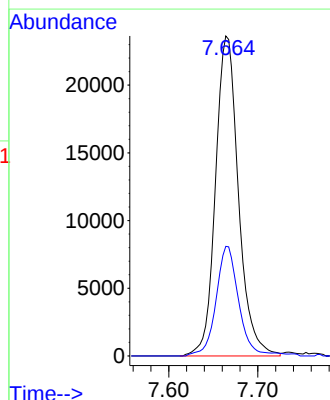
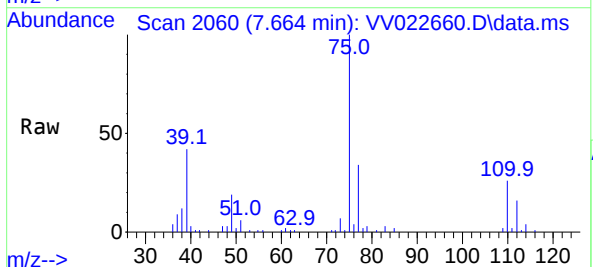
Acq: 07 Oct 2021 13:02

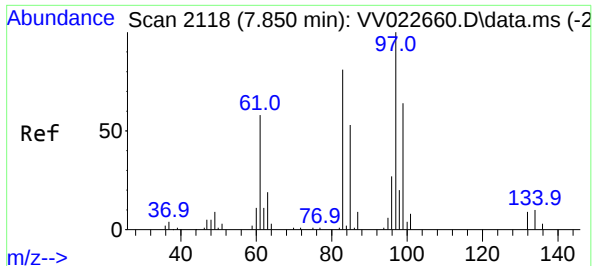
Tgt Ion: 75 Resp: 42357

Ion Ratio Lower Upper

75 100

77 34.2 23.9 44.5





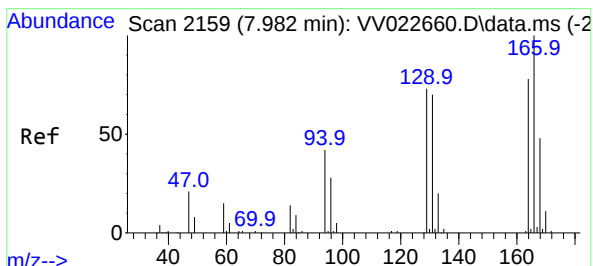
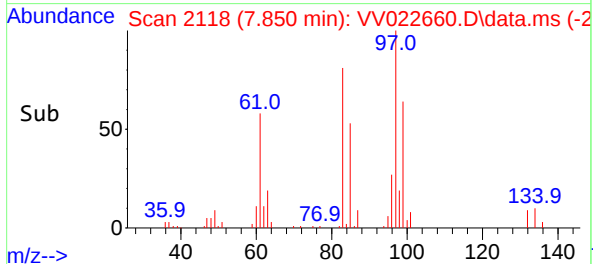
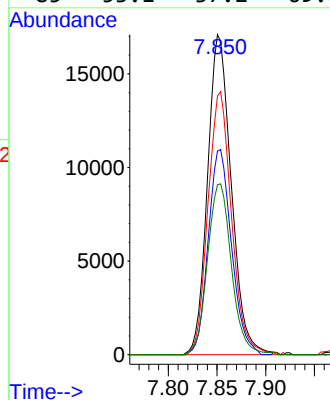
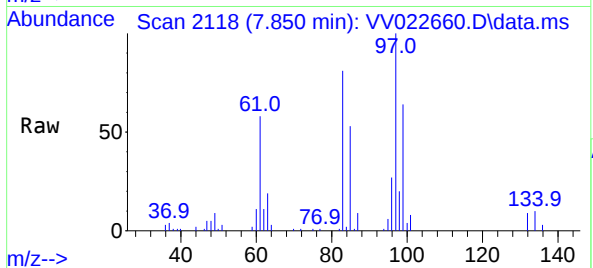
#45

1,1,2-Trichloroethane  
Concen: 5.191 ug/L  
RT: 7.850 min Scan# 2118  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 97 Resp: 29032

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 63.6  | 44.5  | 82.7  |
| 83  | 80.8  | 56.6  | 105.0 |
| 85  | 53.1  | 37.2  | 69.0  |

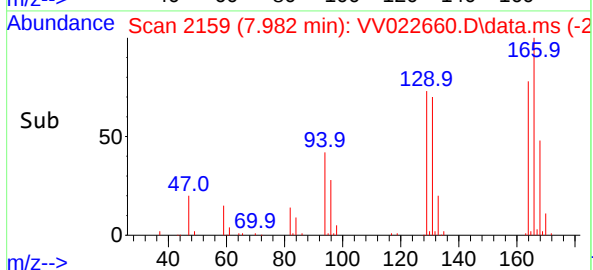
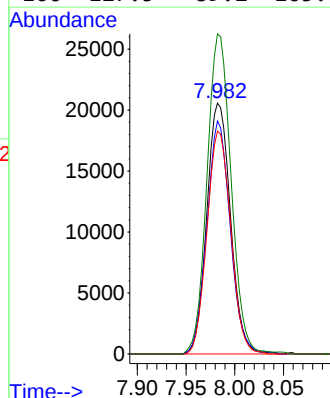
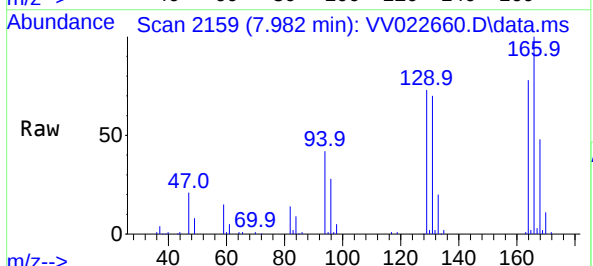


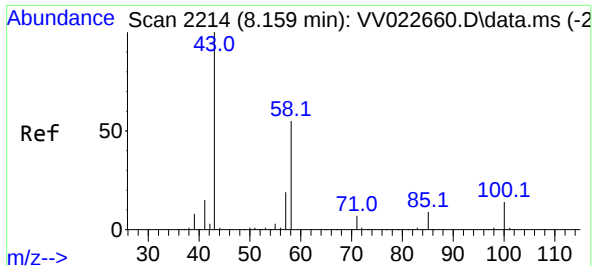
#47

Tetrachloroethene  
Concen: 5.046 ug/L  
RT: 7.982 min Scan# 2159  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion: 164 Resp: 34835

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 92.8  | 65.0  | 120.6 |
| 131 | 88.8  | 62.2  | 115.4 |
| 166 | 127.5 | 89.2  | 165.8 |

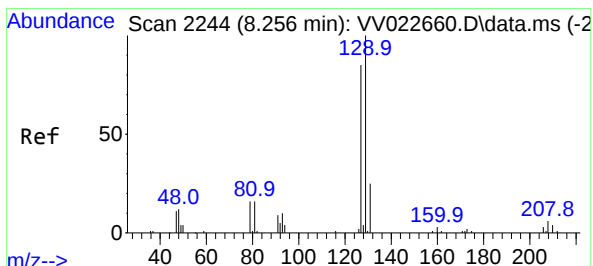
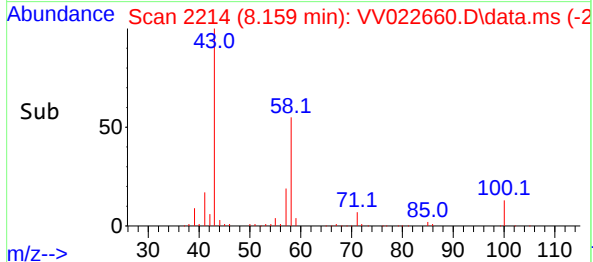
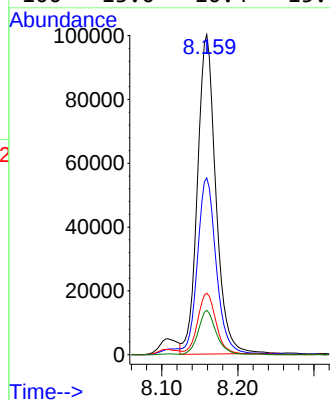
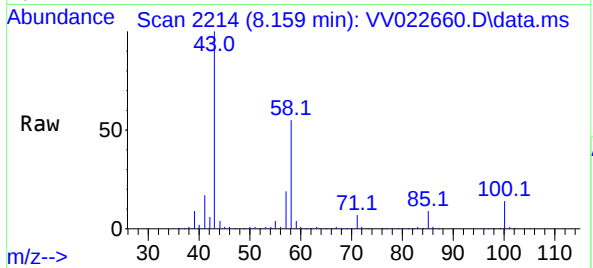




#48  
2-Hexanone  
Concen: 55.960 ug/L  
RT: 8.159 min Scan# 2214  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

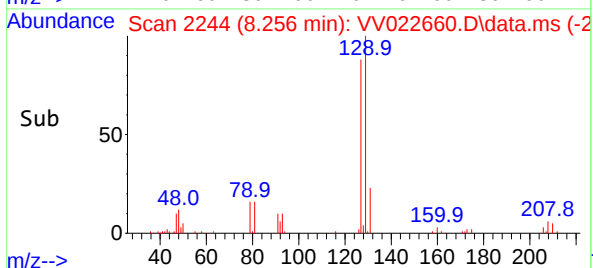
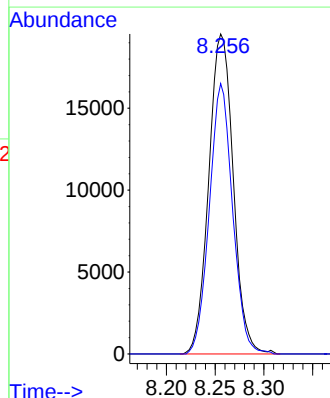
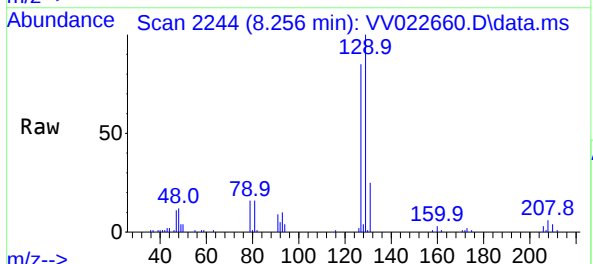
Instrument :  
MSVOA\_V  
ClientSampled :

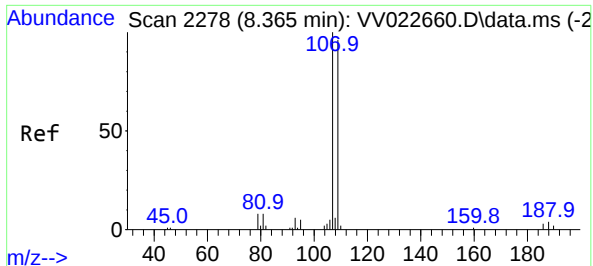
Tgt Ion: 43 Resp: 167974  
Ion Ratio Lower Upper  
43 100  
58 59.2 47.4 71.0  
57 19.1 15.3 22.9  
100 13.0 10.4 15.6



#49  
Dibromochloromethane  
Concen: 5.203 ug/L  
RT: 8.256 min Scan# 2244  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion: 129 Resp: 34193  
Ion Ratio Lower Upper  
129 100  
127 84.5 59.1 109.9





#50

1,2-Dibromoethane

Concen: 5.244 ug/L

RT: 8.365 min Scan# 2278

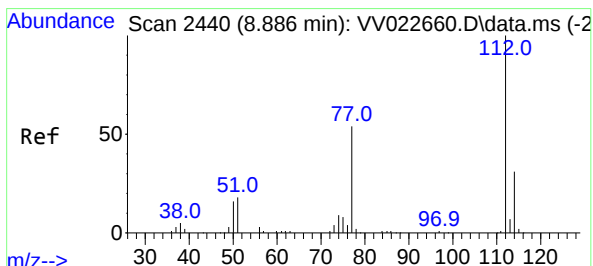
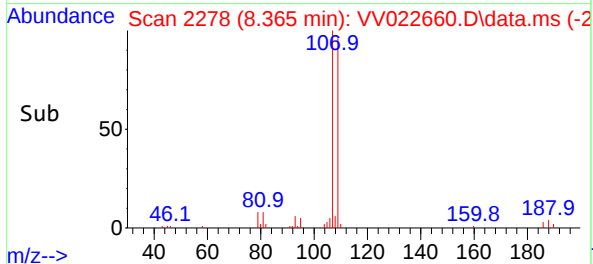
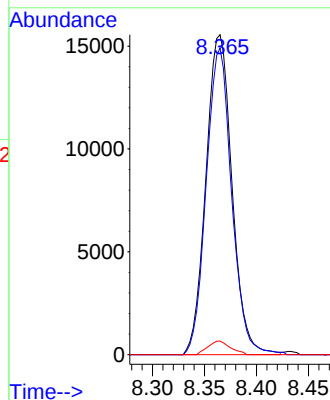
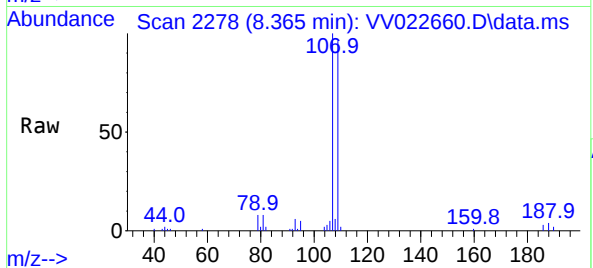
Delta R.T. 0.000 min

Lab File: VV022660.D

Acq: 07 Oct 2021 13:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 27178 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 109      | 95.8  | 67.1  | 124.5 |
| 188      | 4.2   | 3.4   | 5.0   |

Instrument :  
MSVOA\_V  
ClientSampled :



#51

Chlorobenzene

Concen: 5.068 ug/L

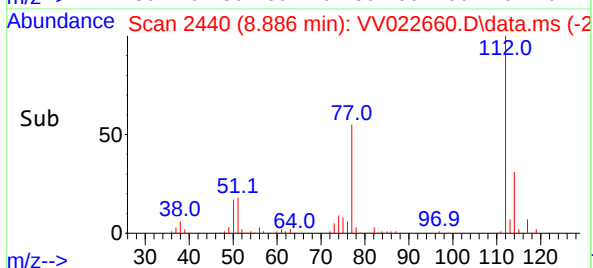
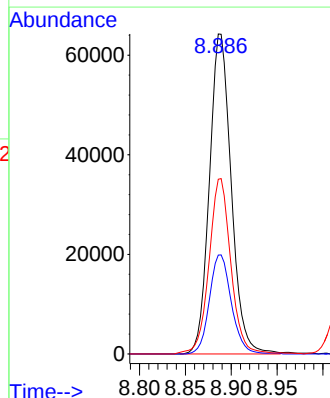
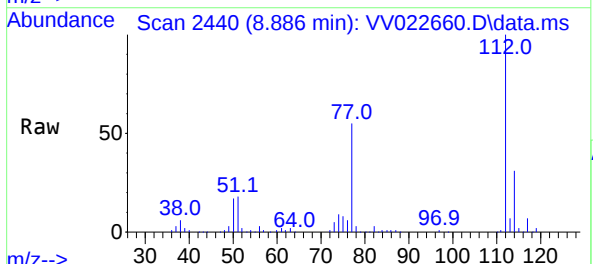
RT: 8.886 min Scan# 2440

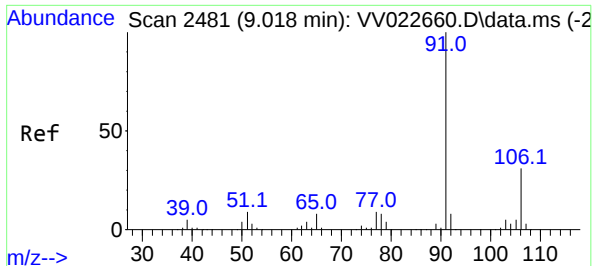
Delta R.T. 0.000 min

Lab File: VV022660.D

Acq: 07 Oct 2021 13:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 106402 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 114      | 30.9  | 21.6  | 40.2   |
| 77       | 54.6  | 43.7  | 65.5   |

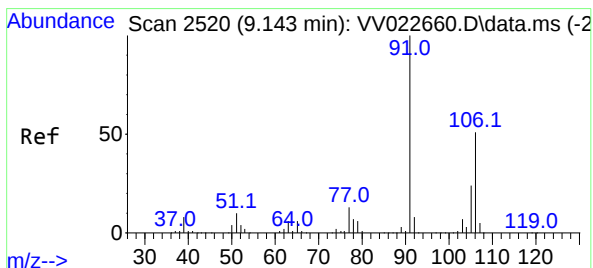
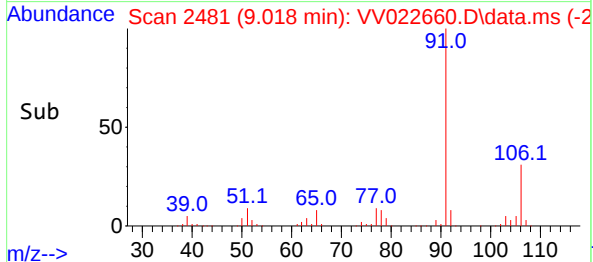
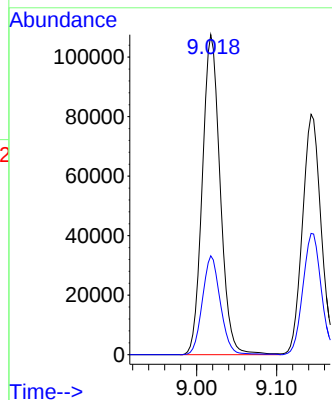
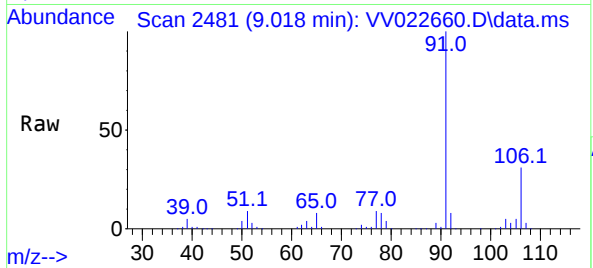




#52  
Ethylbenzene  
Concen: 5.102 ug/L  
RT: 9.018 min Scan# 2481  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

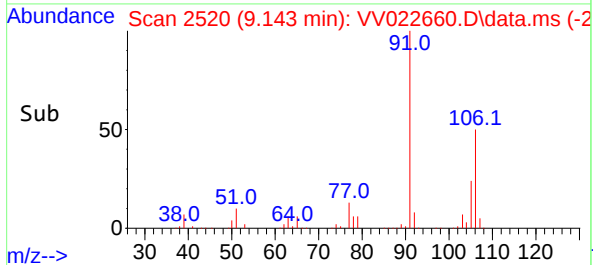
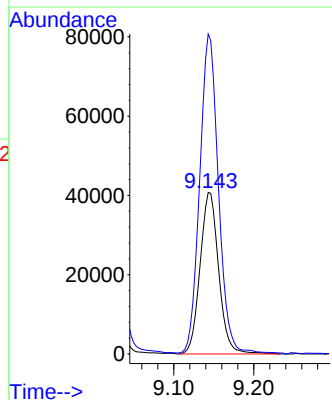
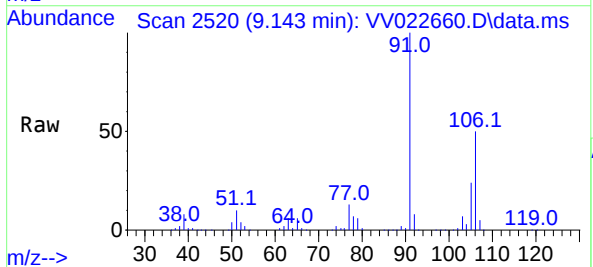
Instrument :  
MSVOA\_V  
ClientSampled :

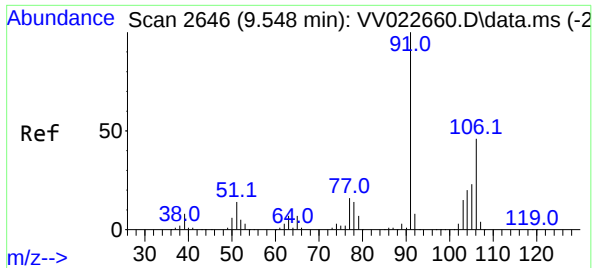
Tgt Ion: 91 Resp: 167306  
Ion Ratio Lower Upper  
91 100  
106 30.9 21.6 40.2



#53  
m,p-xylene  
Concen: 5.236 ug/L  
RT: 9.143 min Scan# 2520  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion: 106 Resp: 66013  
Ion Ratio Lower Upper  
106 100  
91 198.1 138.7 257.5

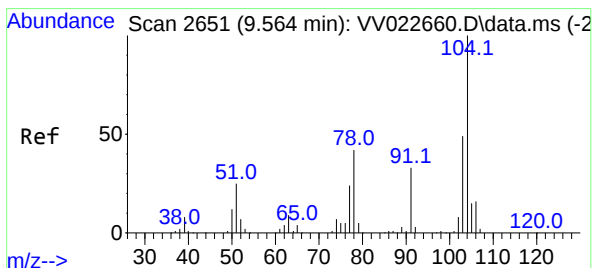
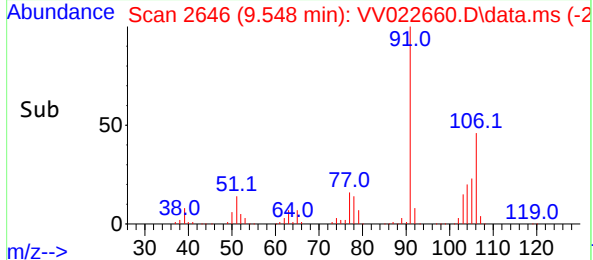
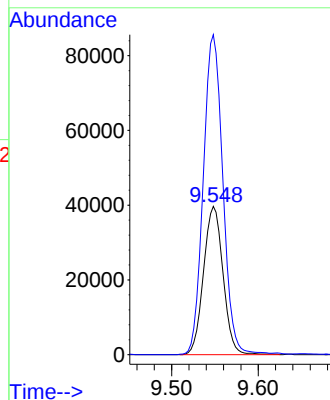
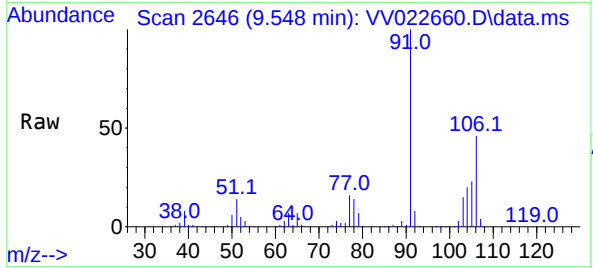




#54  
o-xylene  
Concen: 5.005 ug/L  
RT: 9.548 min Scan# 2646  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

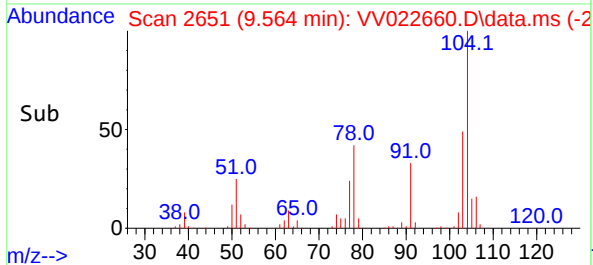
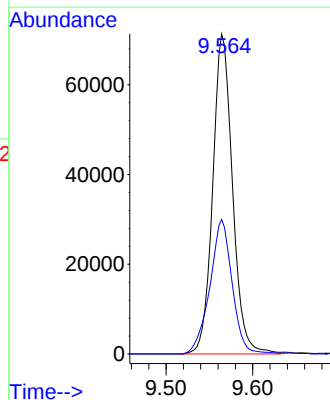
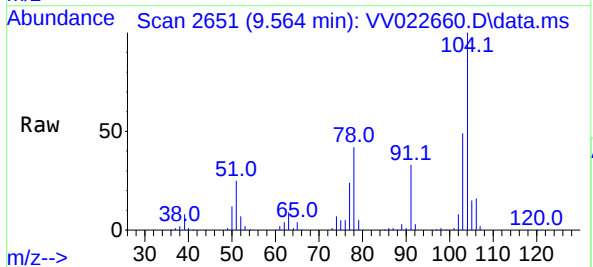
Instrument :  
MSVOA\_V  
ClientSampled :

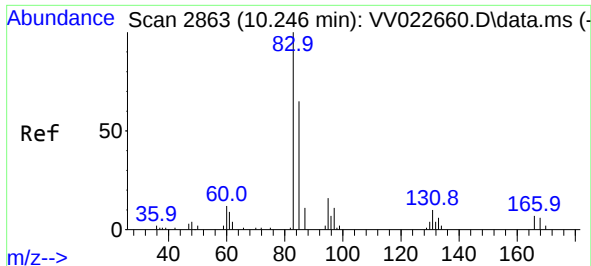
Tgt Ion:106 Resp: 62158  
Ion Ratio Lower Upper  
106 100  
91 215.9 151.1 280.7



#55  
Styrene  
Concen: 5.363 ug/L  
RT: 9.564 min Scan# 2651  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion:104 Resp: 113380  
Ion Ratio Lower Upper  
104 100  
78 42.1 29.5 54.7



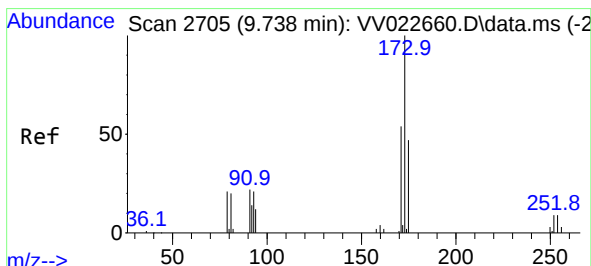
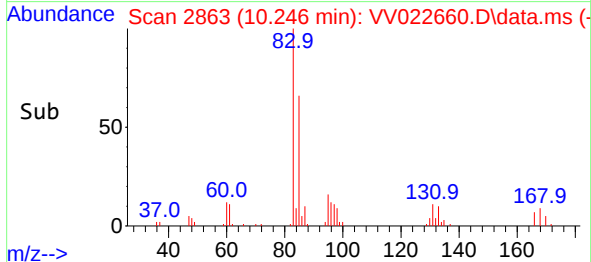
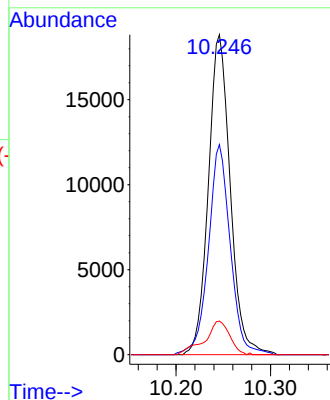
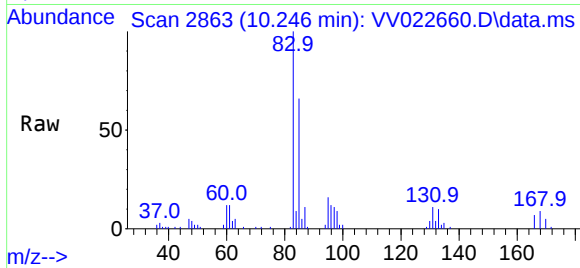


#57  
1,1,2,2-Tetrachloroethane  
Concen: 5.018 ug/L  
RT: 10.246 min Scan# 2863  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Instrument :  
MSVOA\_V  
ClientSampled :

Tgt Ion: 83 Resp: 30274

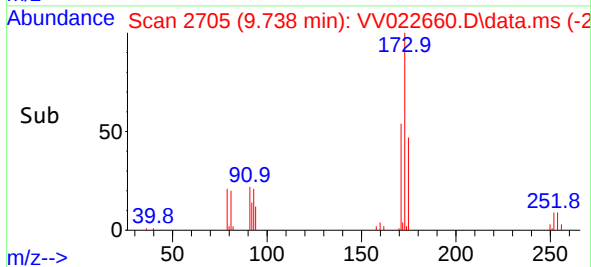
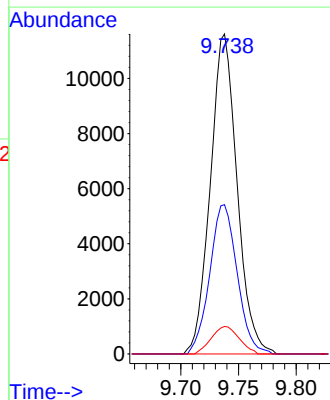
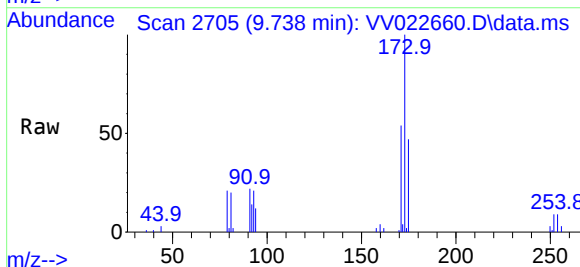
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.7  | 46.0  | 85.4  |
| 131 | 10.5  | 8.4   | 12.6  |

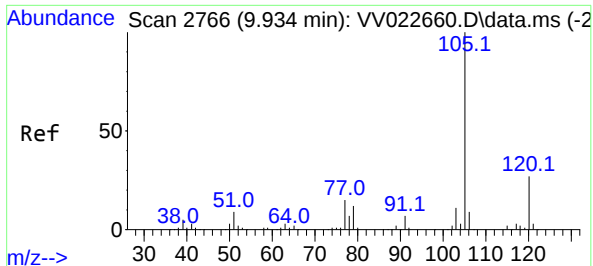


#59  
Bromoform  
Concen: 4.990 ug/L  
RT: 9.738 min Scan# 2705  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion: 173 Resp: 18712

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 173 | 100   |       |       |
| 175 | 47.9  | 38.3  | 57.5  |
| 254 | 8.9   | 7.1   | 10.7  |

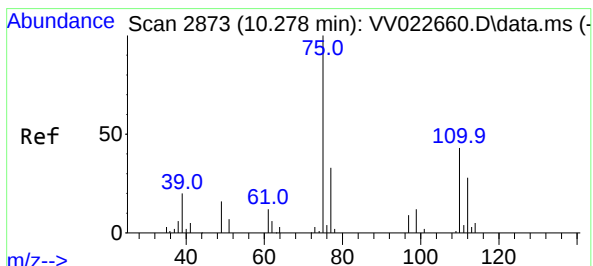
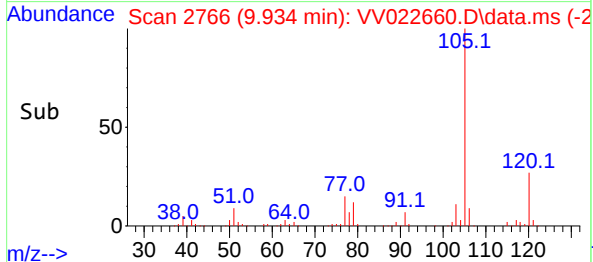
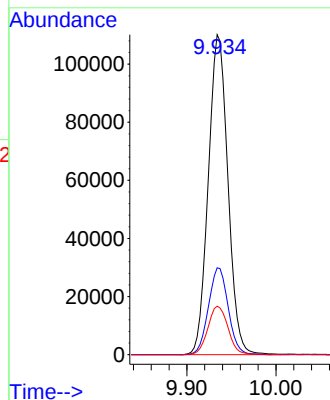
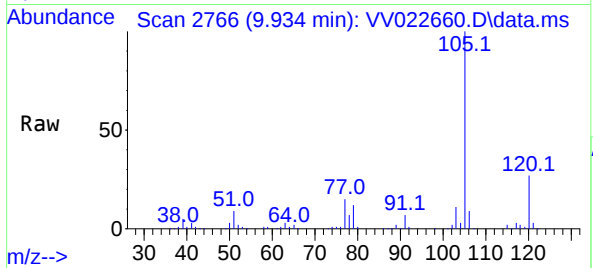




#60  
Isopropylbenzene  
Concen: 4.940 ug/L  
RT: 9.934 min Scan# 2766  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

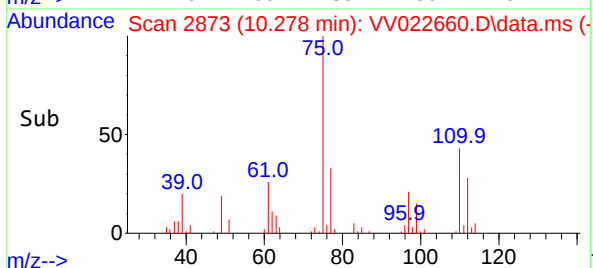
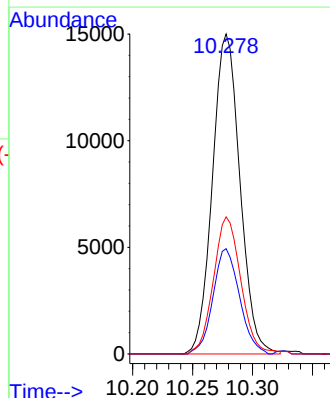
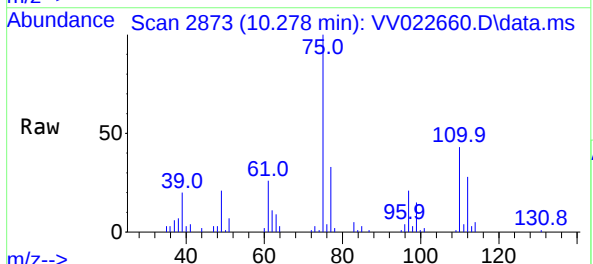
Instrument :  
MSVOA\_V  
ClientSampled :

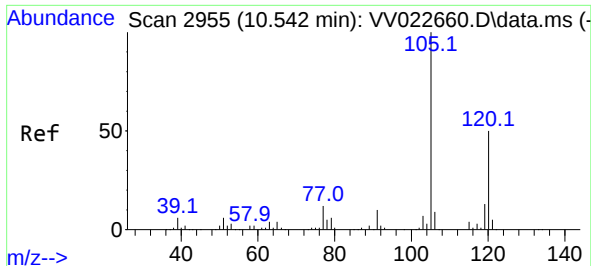
Tgt Ion:105 Resp: 168397  
Ion Ratio Lower Upper  
105 100  
120 27.3 21.8 32.8  
77 15.6 12.5 18.7



#61  
1,2,3-Trichloropropane  
Concen: 5.034 ug/L  
RT: 10.278 min Scan# 2873  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion: 75 Resp: 23906  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.4 38.2  
110 42.8 34.2 51.4

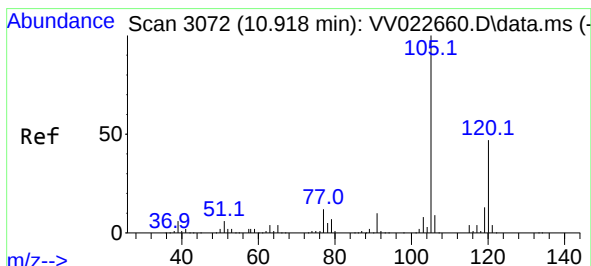
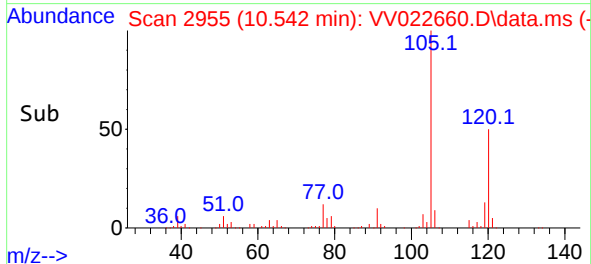
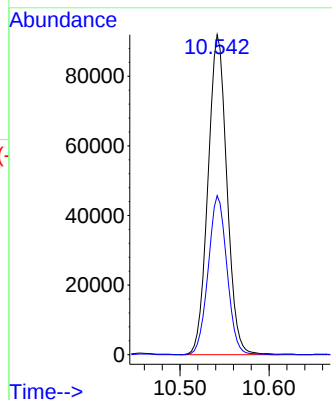
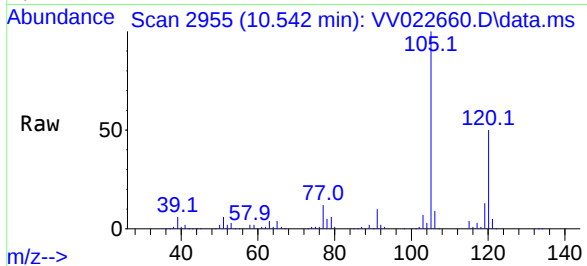




#62  
1,3,5-Trimethylbenzene  
Concen: 4.909 ug/L  
RT: 10.542 min Scan# 2955  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

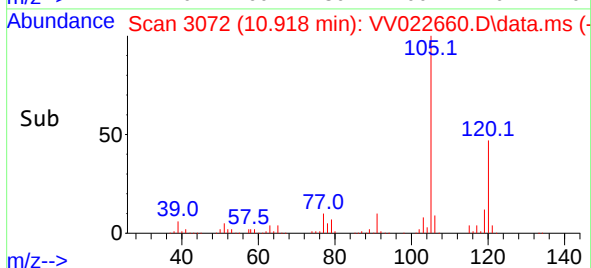
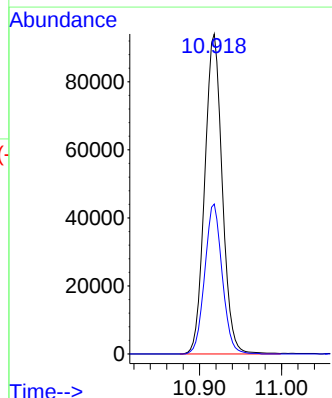
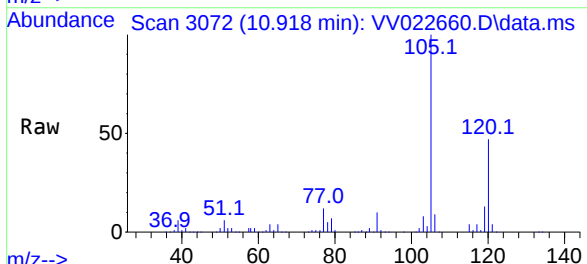
Instrument :  
MSVOA\_V  
ClientSampleId :

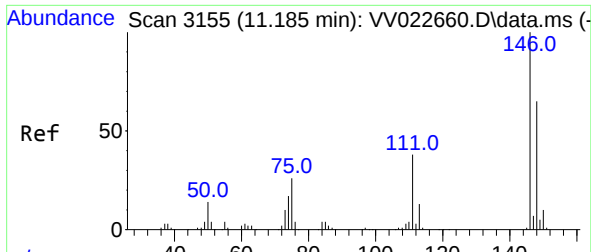
Tgt Ion:105 Resp: 135462  
Ion Ratio Lower Upper  
105 100  
120 49.3 39.4 59.2



#63  
1,2,4-Trimethylbenzene  
Concen: 4.963 ug/L  
RT: 10.918 min Scan# 3072  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion:105 Resp: 139670  
Ion Ratio Lower Upper  
105 100  
120 46.6 37.3 55.9

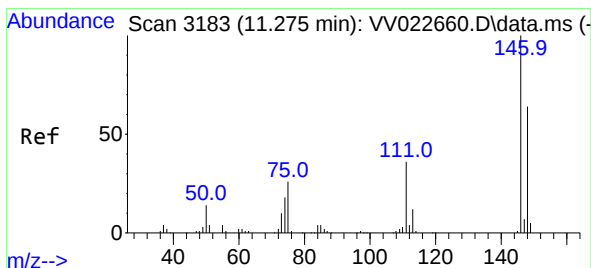
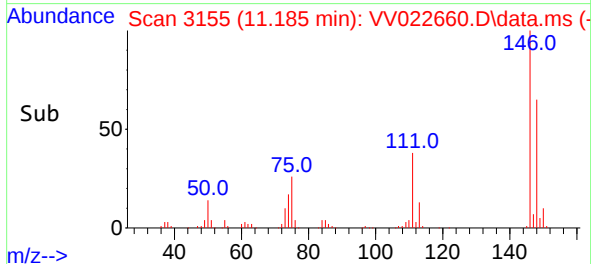
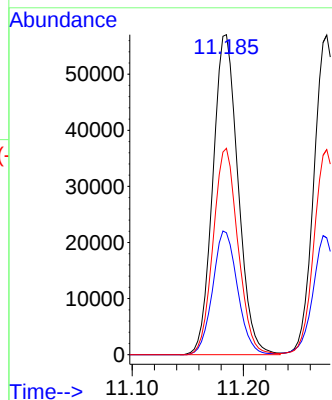
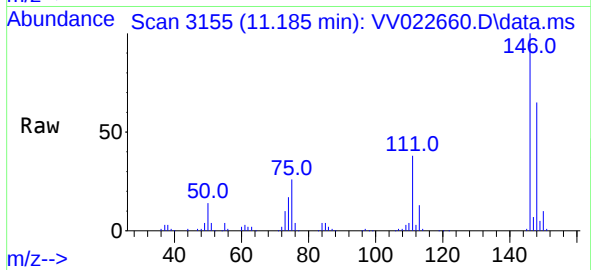




#64  
1,3-Dichlorobenzene  
Concen: 5.087 ug/L  
RT: 11.185 min Scan# 3155  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

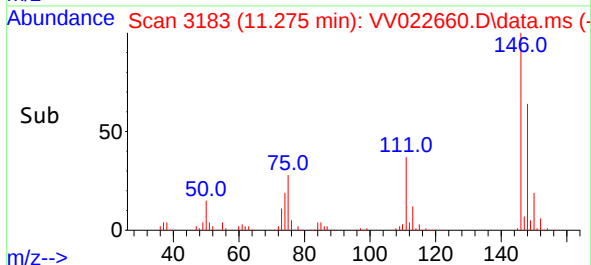
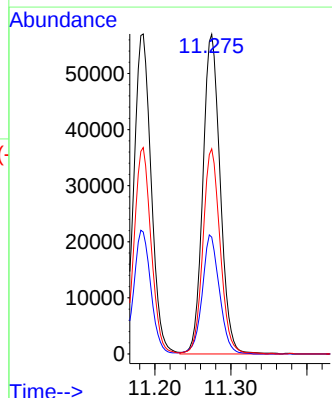
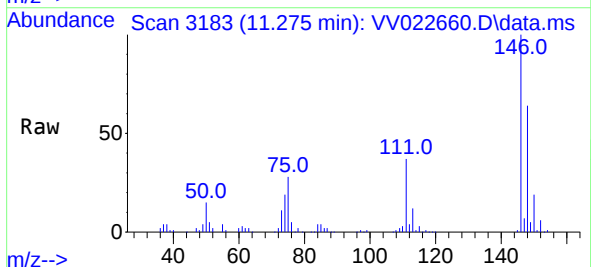
Instrument :  
MSVOA\_V  
ClientSampled :

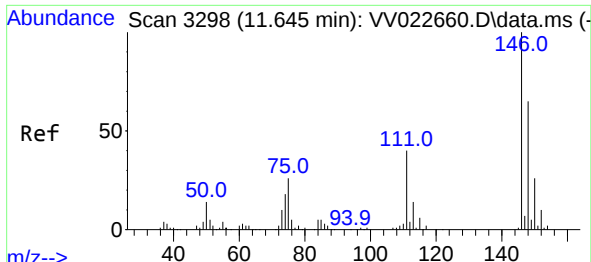
Tgt Ion:146 Resp: 89772  
Ion Ratio Lower Upper  
146 100  
111 38.1 26.7 49.5  
148 64.5 45.1 83.9



#65  
1,4-Dichlorobenzene  
Concen: 4.993 ug/L  
RT: 11.275 min Scan# 3183  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion:146 Resp: 90179  
Ion Ratio Lower Upper  
146 100  
111 36.5 25.6 47.4  
148 64.2 44.9 83.5

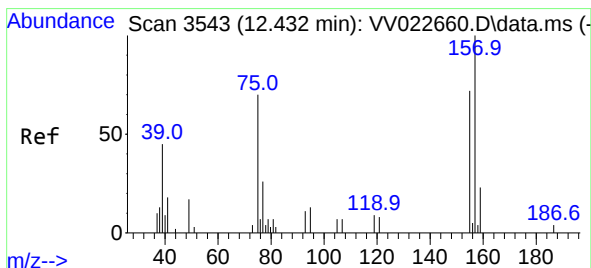
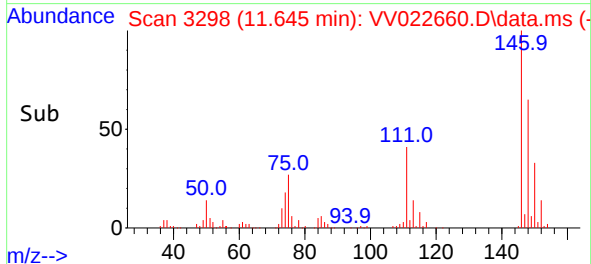
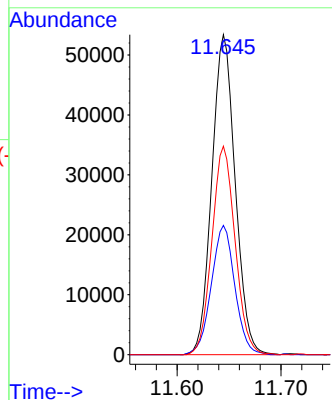
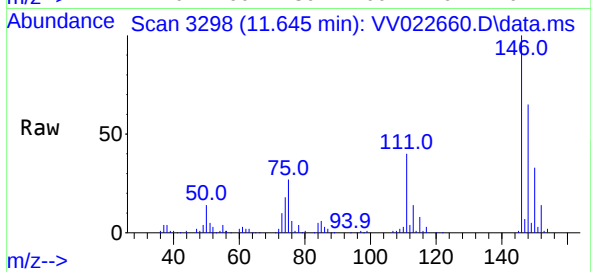




#67  
1,2-Dichlorobenzene  
Concen: 5.074 ug/L  
RT: 11.645 min Scan# 3298  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

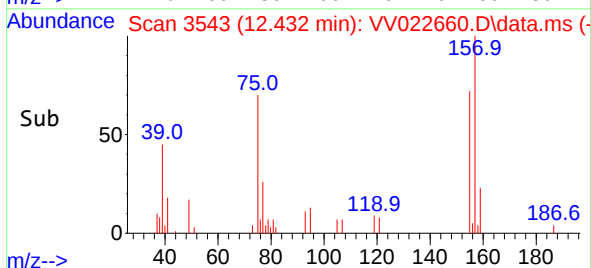
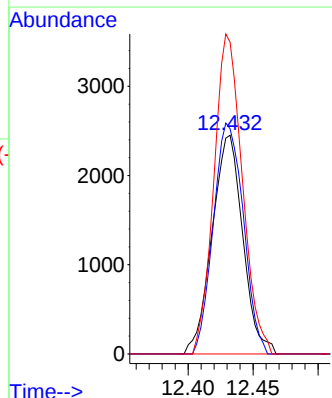
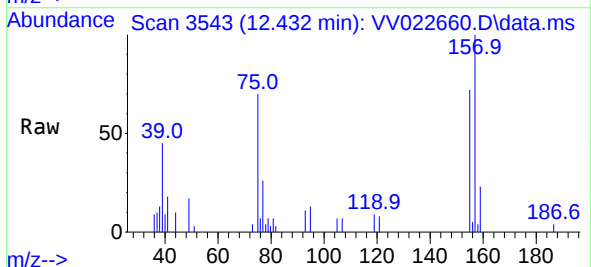
Instrument :  
MSVOA\_V  
ClientSampled :

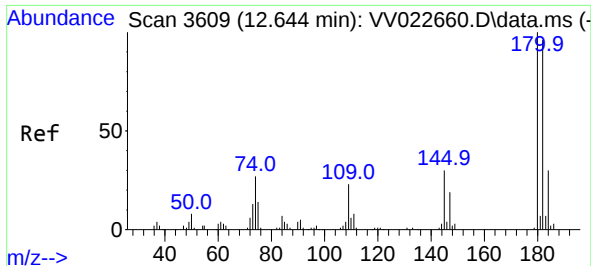
Tgt Ion:146 Resp: 83410  
Ion Ratio Lower Upper  
146 100  
111 40.4 32.3 48.5  
148 65.1 52.1 78.1



#68  
1,2-Dibromo-3-chloropropane  
Concen: 4.516 ug/L  
RT: 12.432 min Scan# 3543  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion: 75 Resp: 4030  
Ion Ratio Lower Upper  
75 100  
155 103.0 82.4 123.6  
157 142.6 114.1 171.1



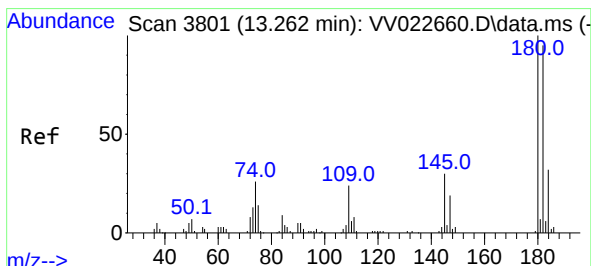
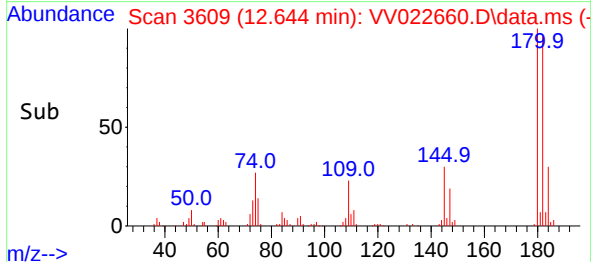
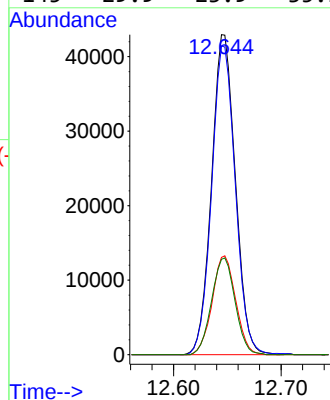
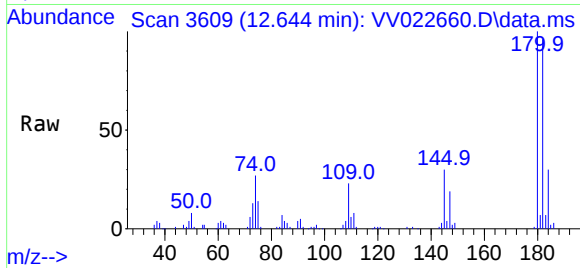


#69  
1,3,5-Trichlorobenzene  
Concen: 4.982 ug/L  
RT: 12.644 min Scan# 3609  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Instrument :  
MSVOA\_V  
ClientSampled :

Tgt Ion:180 Resp: 65921

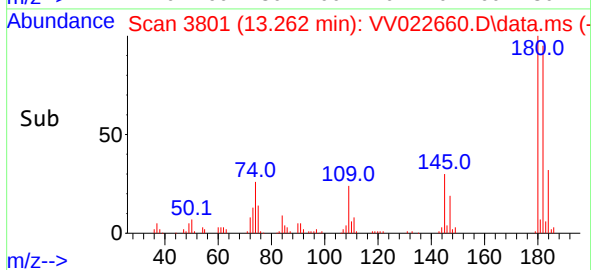
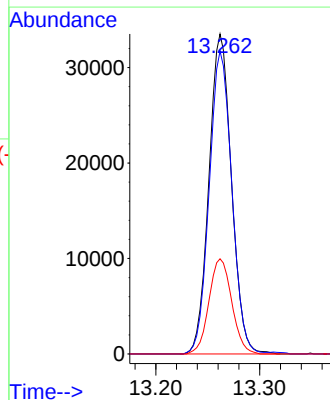
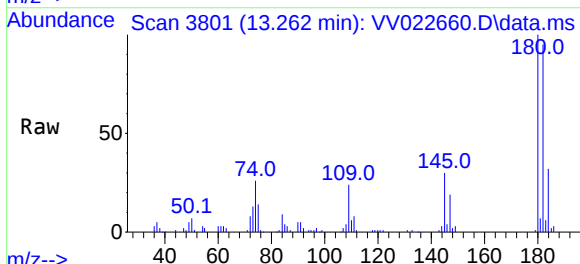
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 96.3  | 77.0  | 115.6 |
| 184 | 30.6  | 24.5  | 36.7  |
| 145 | 29.9  | 23.9  | 35.9  |

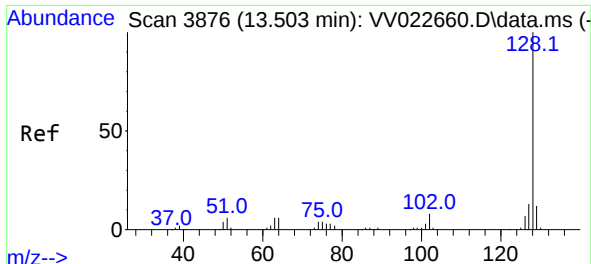


#70  
1,2,4-trichlorobenzene  
Concen: 4.763 ug/L  
RT: 13.262 min Scan# 3801  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

Tgt Ion:180 Resp: 50342

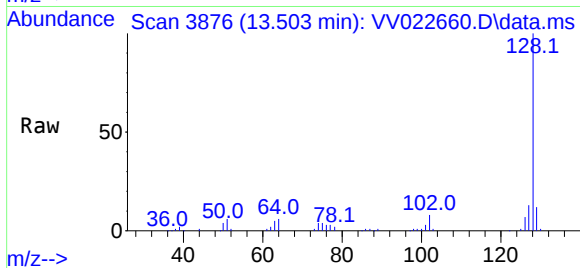
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.0  | 76.0  | 114.0 |
| 145 | 30.1  | 24.1  | 36.1  |



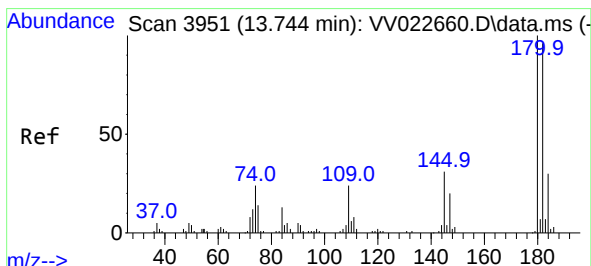
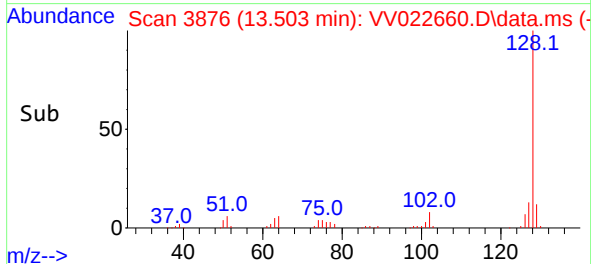
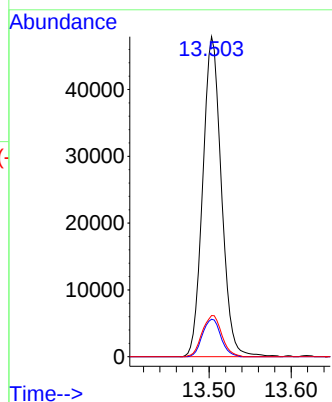


#71  
Naphthalene  
Concen: 4.447 ug/L  
RT: 13.503 min Scan# 3876  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02

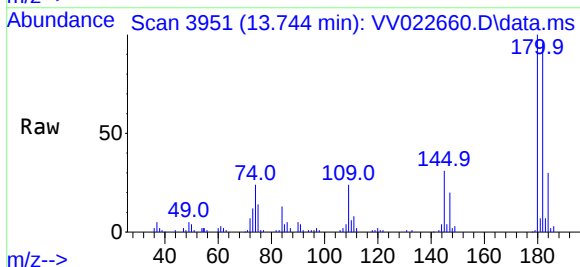
Instrument :  
MSVOA\_V  
ClientSampled :



Tgt Ion:128 Resp: 75572  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.3 13.9  
127 13.5 10.8 16.2



#72  
1,2,3-Trichlorobenzene  
Concen: 4.992 ug/L  
RT: 13.744 min Scan# 3951  
Delta R.T. 0.000 min  
Lab File: VV022660.D  
Acq: 07 Oct 2021 13:02



Tgt Ion:180 Resp: 48330  
Ion Ratio Lower Upper  
180 100  
182 94.4 75.5 113.3  
145 30.9 24.7 37.1

