

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX033123\  
 Data File : VX034889.D  
 Acq On : 31 Mar 2023 19:26  
 Operator : JC/MD  
 Sample : VSTDC00020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDC00020EC

Quant Time: Apr 01 03:39:51 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X032823W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Mar 28 09:11:00 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 4.903  | 128   | 21249    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.763  | 114   | 148851   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.055 | 117   | 185372   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.952  | 65    | 63263    | 30.986   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 103.300% |
| 60) 4-Bromofluorobenzene     | 11.079 | 95    | 91507    | 24.705   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 82.333%  |
| 63) Toluene-d8               | 8.646  | 98    | 169532   | 26.912   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 89.700%# |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 38014    | 18.862   | ug/l   | 96       |
| 3) Chloromethane             | 1.294  | 50    | 49105    | 18.791   | ug/l   | 95       |
| 4) Vinyl Chloride            | 1.373  | 62    | 48520    | 18.819   | ug/l   | 98       |
| 5) Bromomethane              | 1.617  | 94    | 25785    | 15.204   | ug/l   | 95       |
| 6) Chloroethane              | 1.690  | 64    | 32358    | 19.285   | ug/l   | 92       |
| 7) Trichlorofluoromethane    | 1.892  | 101   | 80202    | 19.528   | ug/l   | 96       |
| 8) Diethyl Ether             | 2.129  | 74    | 29574    | 20.002   | ug/l   | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 2.330  | 101   | 39142    | 18.786   | ug/l   | 99       |
| 10) 1,1-Dichloroethene       | 2.318  | 96    | 37677    | 17.863   | ug/l   | 99       |
| 11) Methyl Iodide            | 2.452  | 142   | 27040    | 10.067   | ug/l   | 98       |
| 12) Methyl Acetate           | 2.702  | 43    | 85147    | 18.230   | ug/l   | 97       |
| 13) Acrolein                 | 2.239  | 56    | 39379    | 72.702   | ug/l   | 97       |
| 14) Acrylonitrile            | 3.068  | 53    | 117137   | 91.074   | ug/l   | 99       |
| 15) Acetone                  | 2.391  | 58    | 33031    | 94.596   | ug/l   | 96       |
| 16) Carbon Disulfide         | 2.513  | 76    | 82290    | 15.253   | ug/l   | 100      |
| 17) Allyl chloride           | 2.666  | 41    | 69299    | 16.979   | ug/l   | 99       |
| 18) Methylene Chloride       | 2.788  | 84    | 44132    | 17.762   | ug/l   | 95       |
| 19) trans-1,2-Dichloroethene | 3.093  | 96    | 41133    | 17.822   | ug/l   | 97       |
| 20) Diisopropyl ether        | 3.757  | 45    | 151996   | 18.178   | ug/l   | 97       |
| 21) 1,1-Dichloroethane       | 3.611  | 63    | 79296    | 17.736   | ug/l   | 99       |
| 22) cis-1,2-Dichloroethene   | 4.489  | 96    | 47929    | 17.830   | ug/l   | 98       |
| 23) tert-Butyl Alcohol       | 2.989  | 59    | 45052    | 77.852   | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 3.111  | 73    | 138263   | 17.641   | ug/l   | 98       |
| 25) Chloroform               | 5.092  | 83    | 79963    | 17.584   | ug/l   | 98       |
| 26) Cyclohexane              | 5.470  | 56    | 68821    | 17.565   | ug/l # | 97       |
| 29) 1,1-Dichloropropene      | 5.696  | 75    | 58970    | 17.225   | ug/l   | 98       |
| 30) 2-Butanone               | 4.562  | 43    | 166710   | 87.316   | ug/l   | 100      |
| 31) 2,2-Dichloropropane      | 4.476  | 77    | 52608    | 15.152   | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 66148    | 16.470   | ug/l   | 98       |
| 33) Carbon Tetrachloride     | 5.677  | 117   | 53195    | 16.048   | ug/l   | 96       |
| 34) Benzene                  | 6.043  | 78    | 175131   | 17.603   | ug/l   | 99       |
| 35) Methacrylonitrile        | 4.921  | 41    | 36316    | 17.379   | ug/l   | 99       |
| 36) 1,2-Dichloroethane       | 6.086  | 62    | 68863    | 17.654   | ug/l   | 98       |
| 37) Trichloroethene          | 7.128  | 130   | 42754    | 16.885   | ug/l   | 95       |
| 38) Methylcyclohexane        | 7.378  | 83    | 61894    | 16.547   | ug/l   | 98       |
| 39) 1,2-Dichloropropane      | 7.433  | 63    | 45543    | 17.611   | ug/l   | 97       |
| 40) Dibromomethane           | 7.580  | 93    | 31734    | 17.863   | ug/l   | 96       |
| 41) Bromodichloromethane     | 7.823  | 83    | 53883    | 16.103   | ug/l   | 99       |
| 42) Vinyl Acetate            | 3.720  | 43    | 534391   | 85.795   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX033123\  
 Data File : VX034889.D  
 Acq On : 31 Mar 2023 19:26  
 Operator : JC/MD  
 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

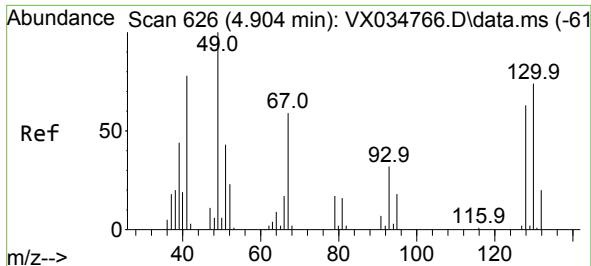
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020EC

Quant Time: Apr 01 03:39:51 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X032823W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Mar 28 09:11:00 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 43) Ethyl Acetate             | 4.714  | 43   | 66560    | 17.975  | ug/l  | 99       |
| 44) Isopropyl Acetate         | 6.342  | 43   | 104081   | 16.604  | ug/l  | 98       |
| 45) 1,4-Dioxane               | 7.701  | 88   | 22214    | 357.697 | ug/l  | 95       |
| 46) Methyl methacrylate       | 7.695  | 41   | 52368    | 17.146  | ug/l  | 96       |
| 47) n-amyl Acetate            | 10.841 | 43   | 97552    | 17.900  | ug/l  | 100      |
| 48) t-1,3-Dichloropropene     | 8.976  | 75   | 57335    | 15.726  | ug/l  | 99       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 61242    | 15.290  | ug/l  | 99       |
| 50) 1,1,2-Trichloroethane     | 9.152  | 97   | 46452    | 18.769  | ug/l  | 94       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 72749    | 18.111  | ug/l  | 97       |
| 52) 1,3-Dichloropropane       | 9.311  | 76   | 91240    | 20.870  | ug/l  | 98       |
| 53) Dibromochloromethane      | 9.518  | 129  | 44902    | 18.340  | ug/l  | 99       |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 53386    | 20.166  | ug/l  | 99       |
| 55) 2-Chloroethyl vinyl ether | 8.244  | 63   | 221383   | 104.729 | ug/l  | 100      |
| 56) Bromoform                 | 10.798 | 173  | 25807    | 15.287  | ug/l  | 98       |
| 58) 4-Methyl-2-Pentanone      | 8.573  | 43   | 339545   | 79.890  | ug/l  | 98       |
| 59) 2-Hexanone                | 9.433  | 43   | 296431   | 92.634  | ug/l  | 98       |
| 61) Tetrachloroethene         | 9.274  | 164  | 44127    | 17.667  | ug/l  | 98       |
| 62) Toluene                   | 8.720  | 91   | 187714   | 15.487  | ug/l  | 99       |
| 64) Chlorobenzene             | 10.079 | 112  | 127375   | 17.065  | ug/l  | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 10.164 | 131  | 40889    | 15.323  | ug/l  | 98       |
| 66) Ethyl Benzene             | 10.195 | 91   | 225698   | 16.718  | ug/l  | 100      |
| 67) m/p-Xylenes               | 10.299 | 106  | 174394   | 33.950  | ug/l  | 98       |
| 68) o-Xylene                  | 10.640 | 106  | 87498    | 17.225  | ug/l  | 98       |
| 69) Styrene                   | 10.658 | 104  | 138471   | 16.535  | ug/l  | 96       |
| 70) Isopropylbenzene          | 10.963 | 105  | 206249   | 15.688  | ug/l  | 98       |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 66846    | 15.468  | ug/l  | 99       |
| 72) 1,2,3-Trichloropropane    | 11.237 | 75   | 67257    | 17.097  | ug/l  | 93       |
| 73) Bromobenzene              | 11.201 | 156  | 47155    | 14.935  | ug/l  | 99       |
| 74) n-propylbenzene           | 11.304 | 91   | 226845   | 14.822  | ug/l  | 99       |
| 75) 2-Chlorotoluene           | 11.365 | 91   | 142790   | 14.966  | ug/l  | 100      |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 162506   | 14.684  | ug/l  | 100      |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 12182    | 10.084  | ug/l  | 78       |
| 78) 4-Chlorotoluene           | 11.457 | 91   | 162015   | 14.812  | ug/l  | 100      |
| 79) tert-butylbenzene         | 11.713 | 119  | 152630   | 14.447  | ug/l  | 99       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 163883   | 14.902  | ug/l  | 98       |
| 81) sec-Butylbenzene          | 11.890 | 105  | 186134   | 14.540  | ug/l  | 98       |
| 82) p-Isopropyltoluene        | 12.012 | 119  | 152138   | 14.084  | ug/l  | 99       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 87496    | 14.674  | ug/l  | 99       |
| 84) 1,4-Dichlorobenzene       | 12.042 | 146  | 86088    | 14.378  | ug/l  | 99       |
| 85) n-Butylbenzene            | 12.335 | 91   | 129093   | 13.866  | ug/l  | 99       |
| 86) Hexachloroethane          | 12.536 | 117  | 21029    | 11.885  | ug/l  | 97       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 84918    | 14.555  | ug/l  | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.944 | 75   | 11959    | 12.664  | ug/l  | 95       |
| 89) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 46857    | 13.388  | ug/l  | 99       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 18293    | 13.553  | ug/l  | 97       |
| 91) Naphthalene               | 13.774 | 128  | 178903   | 14.467  | ug/l  | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 48435    | 13.843  | ug/l  | 98       |

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

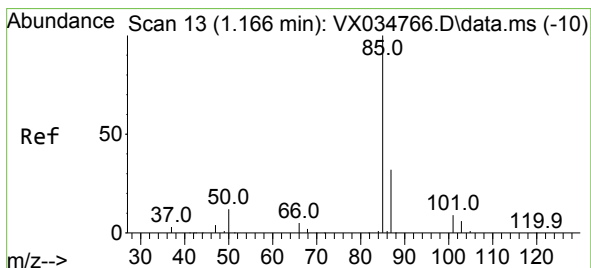
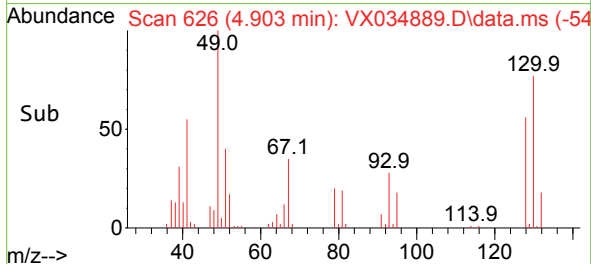
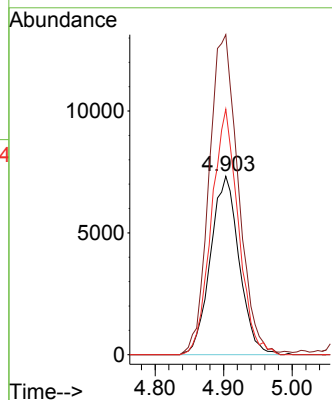
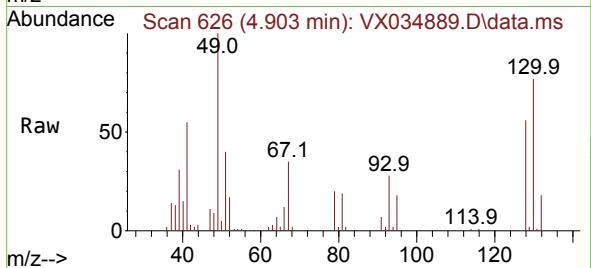




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.903 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

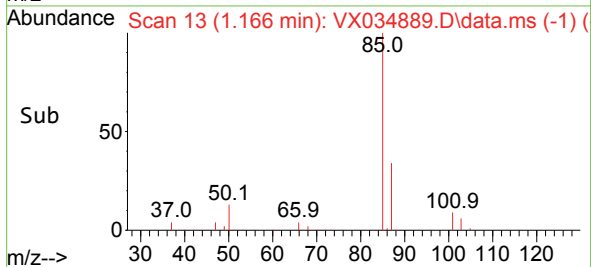
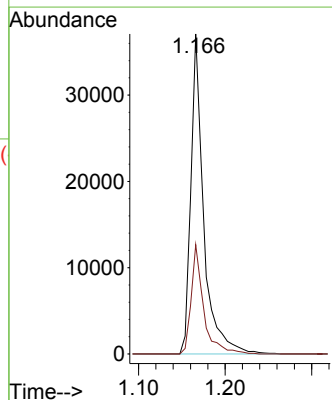
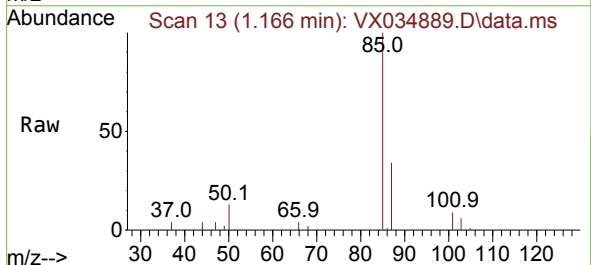
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

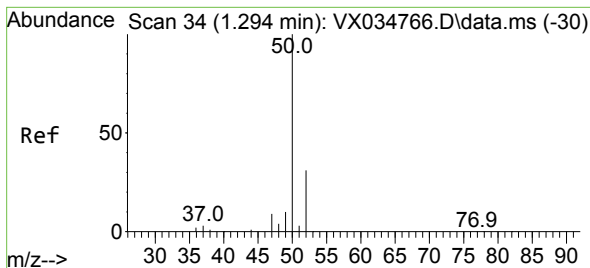
Tgt Ion:128 Resp: 21249  
Ion Ratio Lower Upper  
128 100  
49 183.3 0.0 428.8  
130 129.7 0.0 310.8



#2  
Dichlorodifluoromethane  
Concen: 18.862 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 85 Resp: 38014  
Ion Ratio Lower Upper  
85 100  
87 34.1 16.0 48.0





#3

Chloromethane

Concen: 18.791 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX034889.D

Acq: 31 Mar 2023 19:26

Instrument :

MSVOA\_X

ClientSampleId :

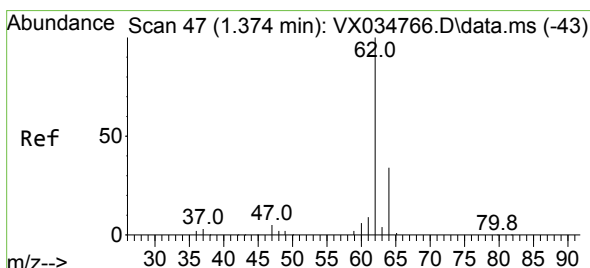
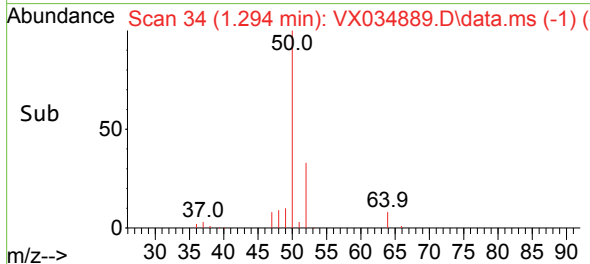
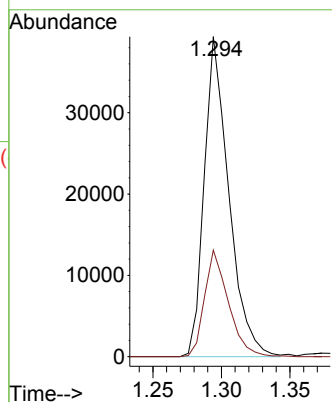
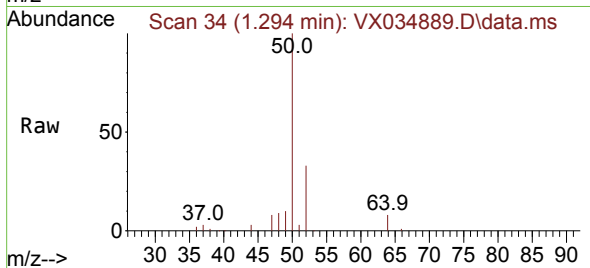
VSTDCCC020EC

Tgt Ion: 50 Resp: 49105

Ion Ratio Lower Upper

50 100

52 33.3 24.6 36.8



#4

Vinyl Chloride

Concen: 18.819 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.001 min

Lab File: VX034889.D

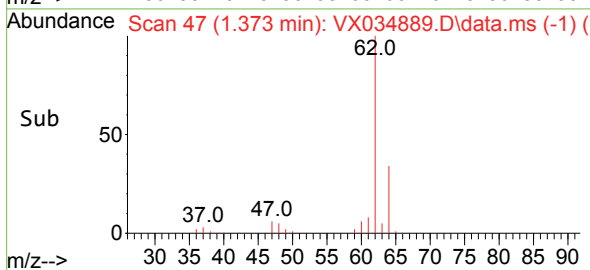
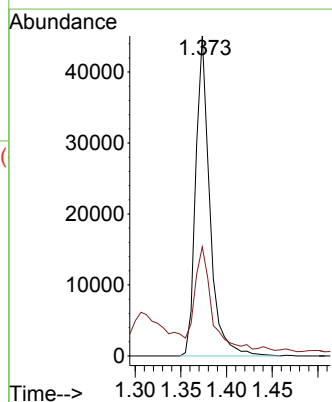
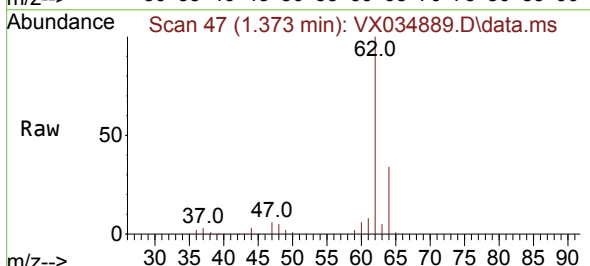
Acq: 31 Mar 2023 19:26

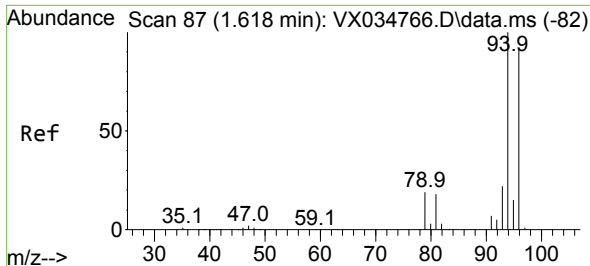
Tgt Ion: 62 Resp: 48520

Ion Ratio Lower Upper

62 100

64 32.2 26.9 40.3

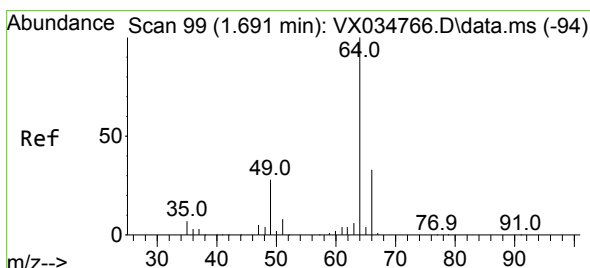
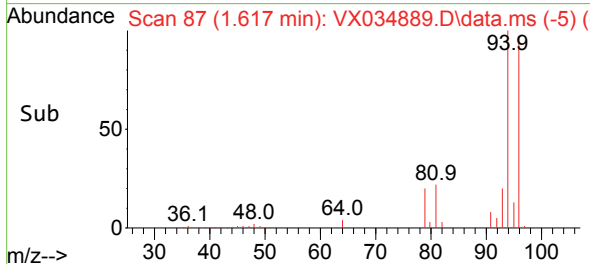
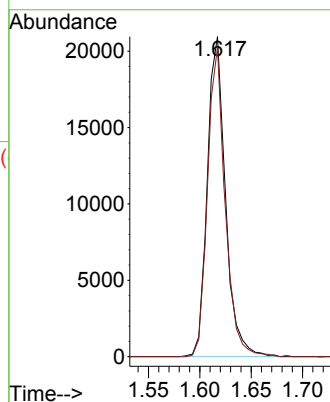
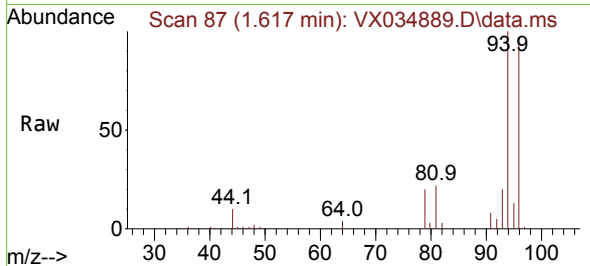




#5  
Bromomethane  
Concen: 15.204 ug/l  
RT: 1.617 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

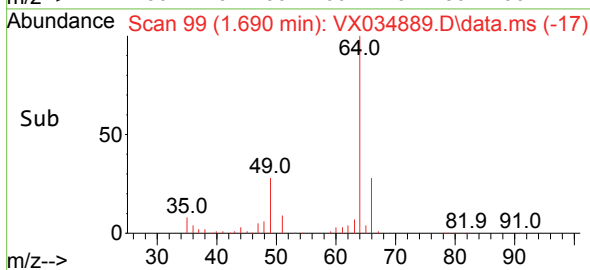
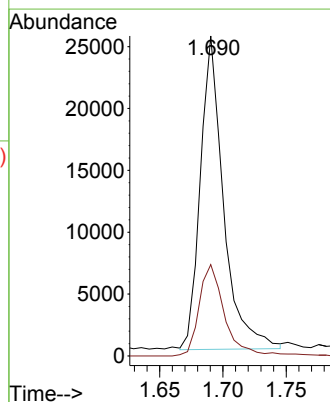
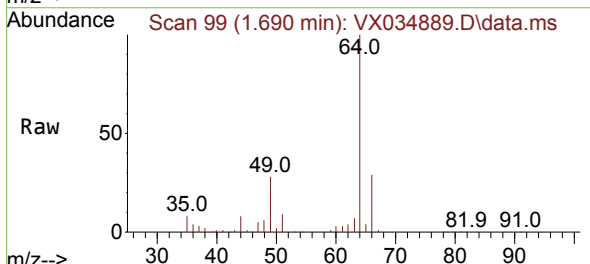
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

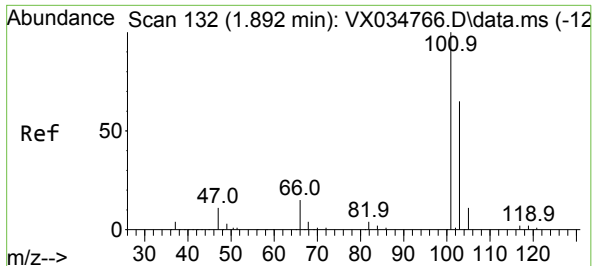
Tgt Ion: 94 Resp: 25785  
Ion Ratio Lower Upper  
94 100  
96 96.7 73.4 110.0



#6  
Chloroethane  
Concen: 19.285 ug/l  
RT: 1.690 min Scan# 99  
Delta R.T. -0.001 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 64 Resp: 32358  
Ion Ratio Lower Upper  
64 100  
66 28.8 26.6 40.0

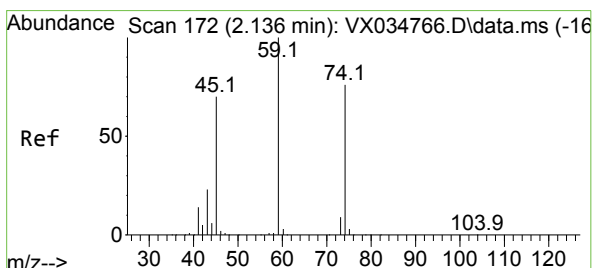
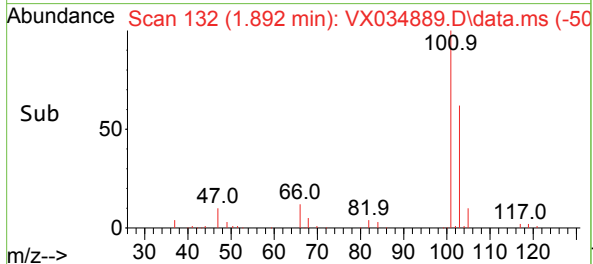
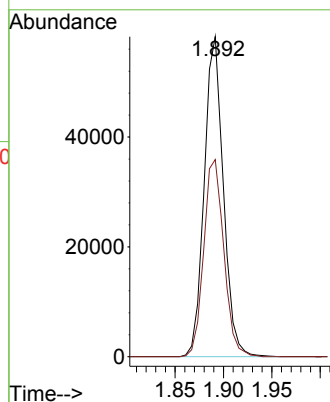
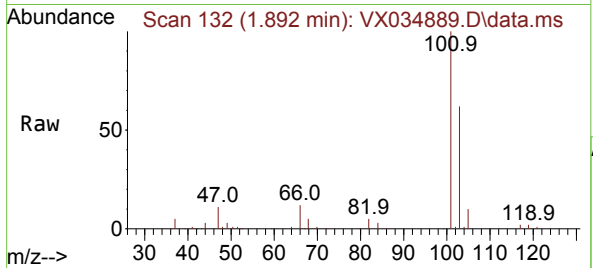




#7  
Trichlorofluoromethane  
Concen: 19.528 ug/l  
RT: 1.892 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

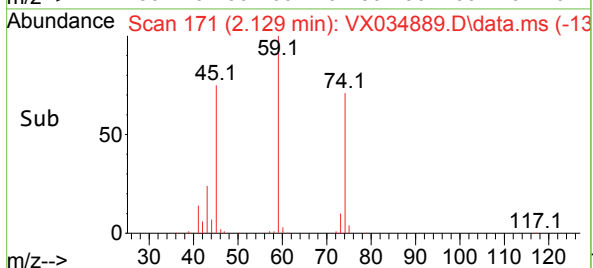
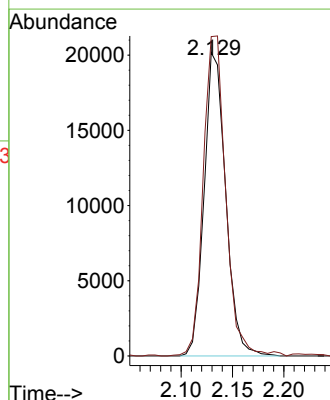
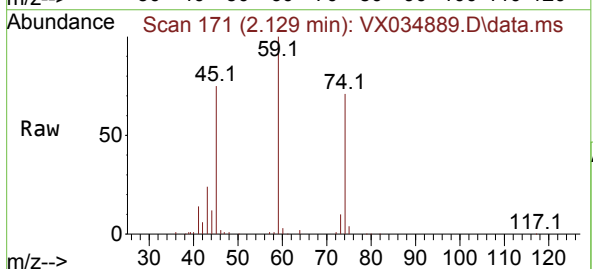
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

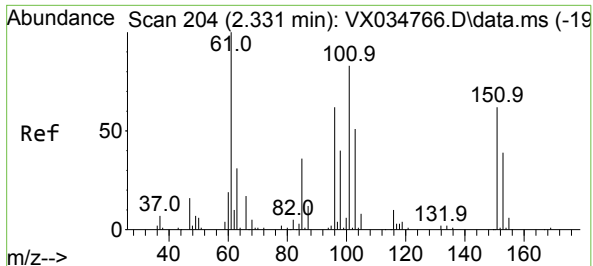
Tgt Ion:101 Resp: 80202  
Ion Ratio Lower Upper  
101 100  
103 61.6 52.1 78.1



#8  
Diethyl Ether  
Concen: 20.002 ug/l  
RT: 2.129 min Scan# 171  
Delta R.T. -0.007 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 74 Resp: 29574  
Ion Ratio Lower Upper  
74 100  
45 108.6 20.5 184.5

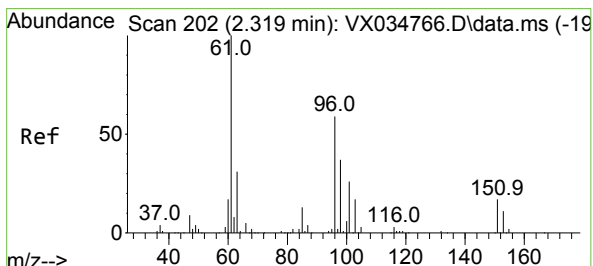
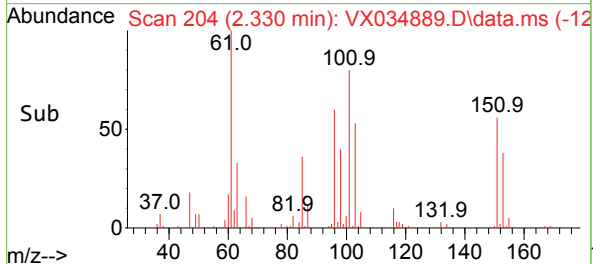
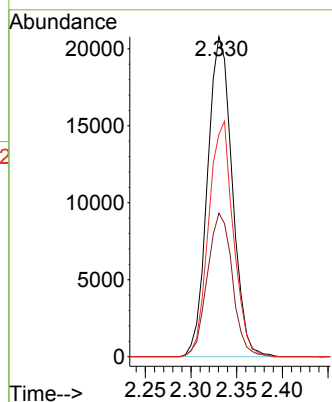
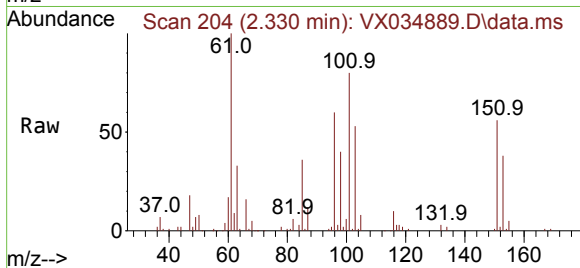




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.786 ug/l  
RT: 2.330 min Scan# 204  
Delta R.T. -0.001 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

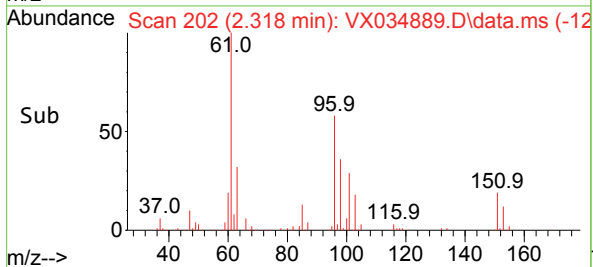
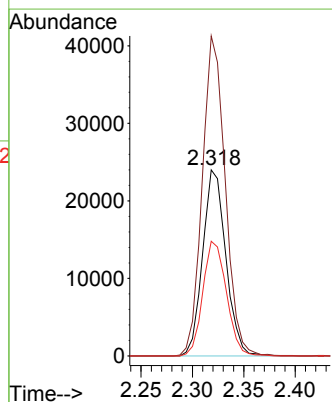
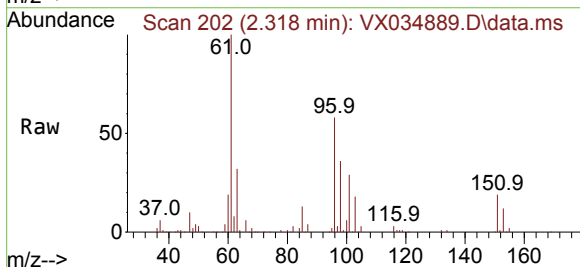
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

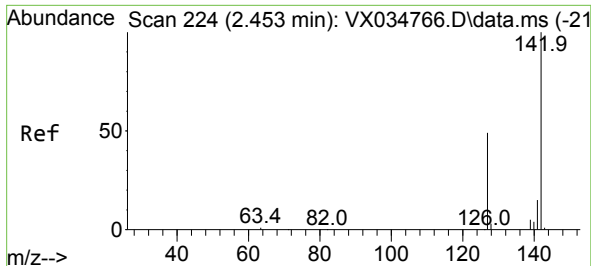
Tgt Ion:101 Resp: 39142  
Ion Ratio Lower Upper  
101 100  
85 45.4 0.0 88.8  
151 73.2 0.0 147.6



#10  
1,1-Dichloroethene  
Concen: 17.863 ug/l  
RT: 2.318 min Scan# 202  
Delta R.T. -0.001 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 96 Resp: 37677  
Ion Ratio Lower Upper  
96 100  
61 171.6 135.8 203.6  
98 61.6 49.8 74.6

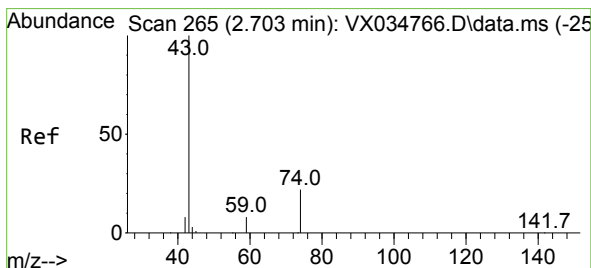
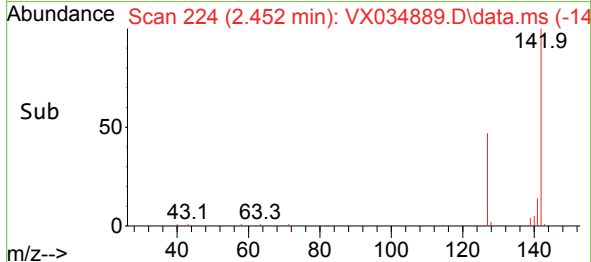
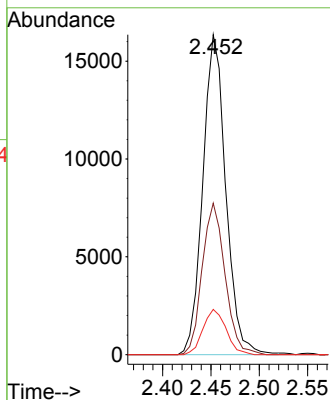
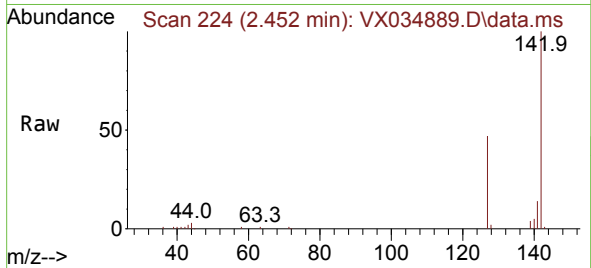




#11  
Methyl Iodide  
Concen: 10.067 ug/l  
RT: 2.452 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

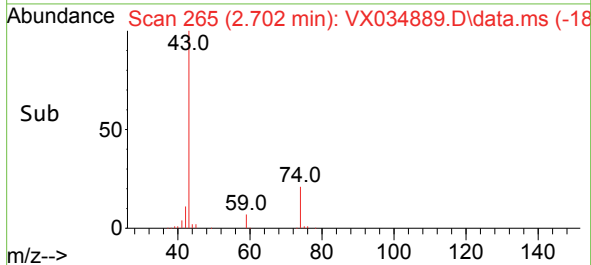
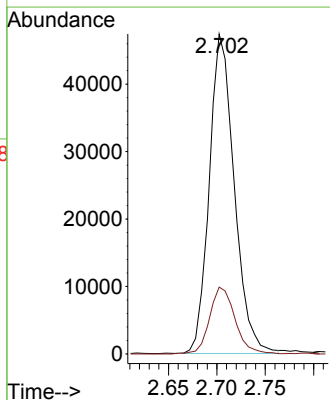
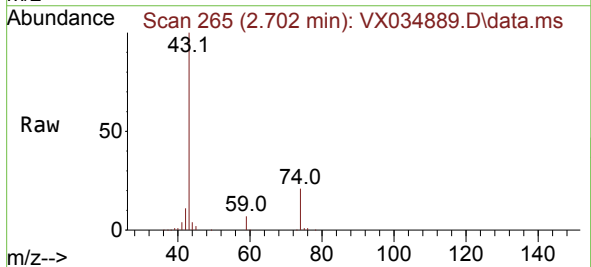
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

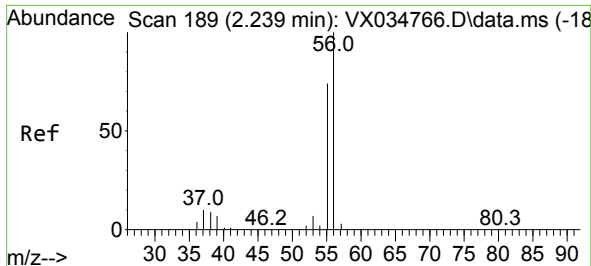
Tgt Ion:142 Resp: 27040  
Ion Ratio Lower Upper  
142 100  
127 47.5 24.5 73.5  
141 14.2 7.6 22.8



#12  
Methyl Acetate  
Concen: 18.230 ug/l  
RT: 2.702 min Scan# 265  
Delta R.T. -0.001 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 43 Resp: 85147  
Ion Ratio Lower Upper  
43 100  
74 20.8 18.0 27.0

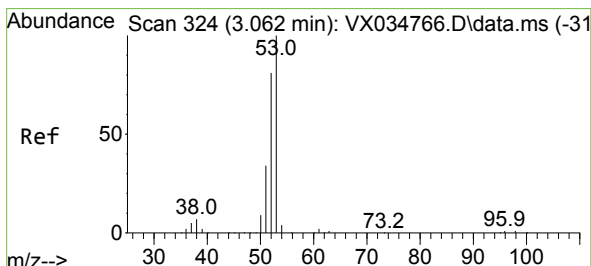
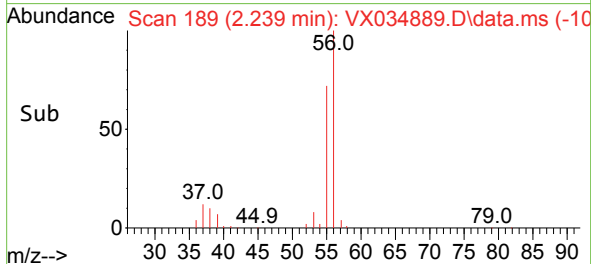
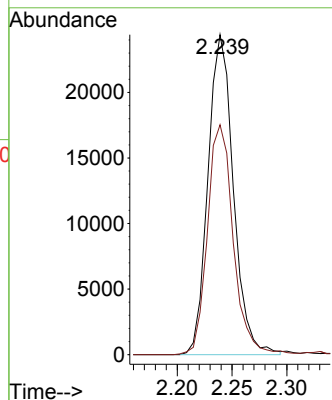
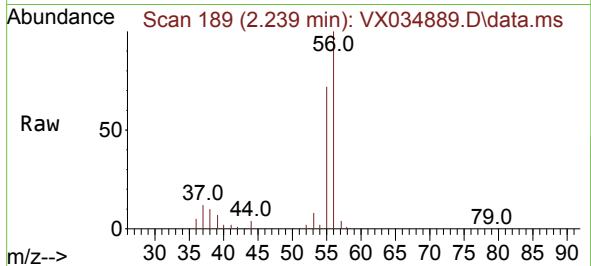




#13  
Acrolein  
Concen: 72.702 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

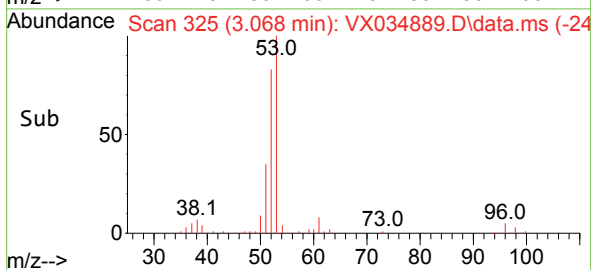
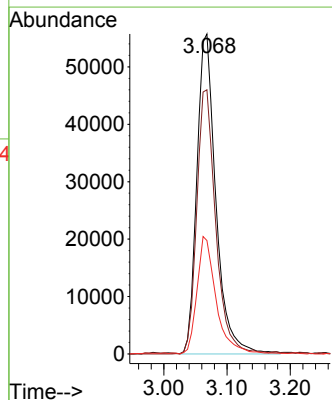
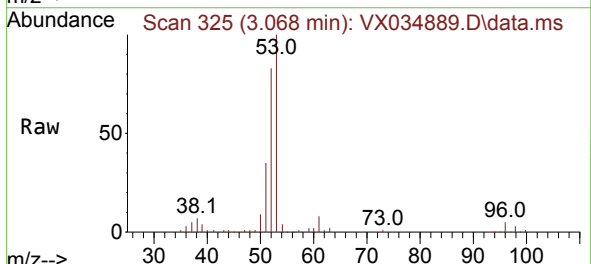
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

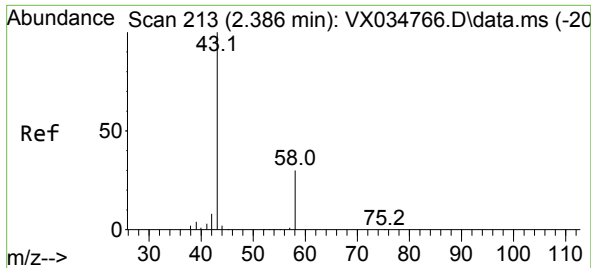
Tgt Ion: 56 Resp: 39379  
Ion Ratio Lower Upper  
56 100  
55 73.1 56.6 85.0



#14  
Acrylonitrile  
Concen: 91.074 ug/l  
RT: 3.068 min Scan# 325  
Delta R.T. 0.006 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 53 Resp: 117137  
Ion Ratio Lower Upper  
53 100  
52 82.0 41.3 123.7  
51 36.8 17.9 53.7





#15

Acetone

Concen: 94.596 ug/l

RT: 2.391 min Scan# 213

Delta R.T. 0.005 min

Lab File: VX034889.D

Acq: 31 Mar 2023 19:26

Instrument :

MSVOA\_X

ClientSampleId :

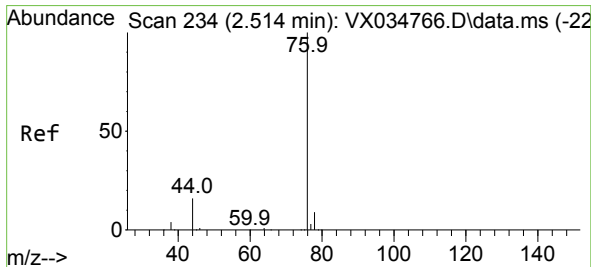
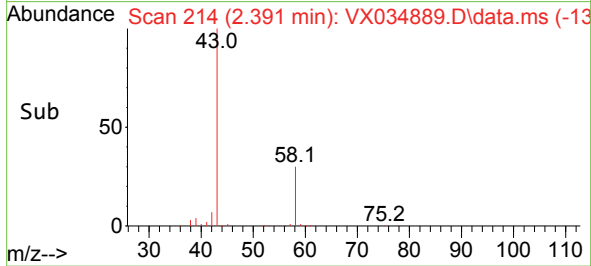
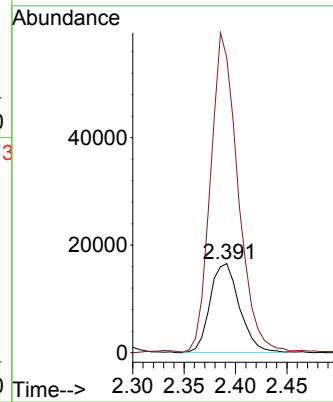
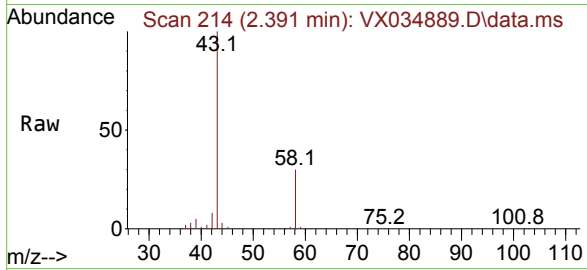
VSTDCCC020EC

Tgt Ion: 58 Resp: 33031

Ion Ratio Lower Upper

58 100

43 330.5 270.8 406.2



#16

Carbon Disulfide

Concen: 15.253 ug/l

RT: 2.513 min Scan# 234

Delta R.T. -0.001 min

Lab File: VX034889.D

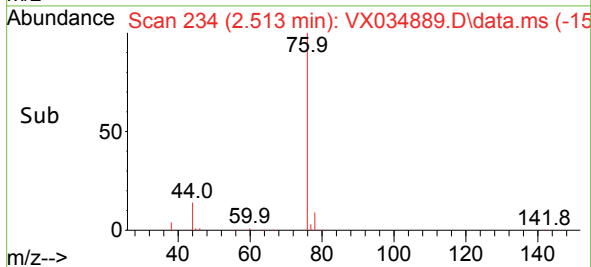
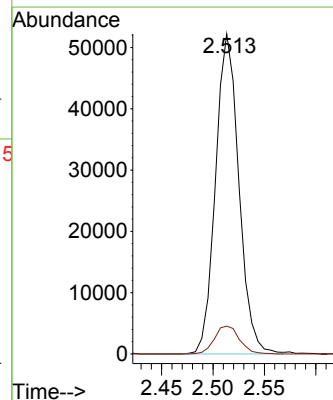
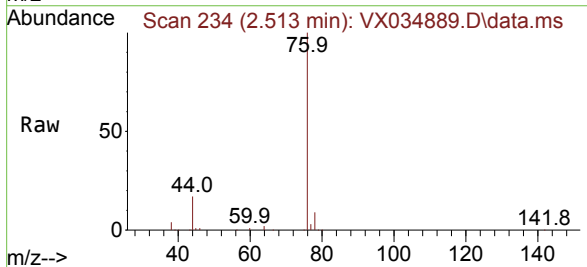
Acq: 31 Mar 2023 19:26

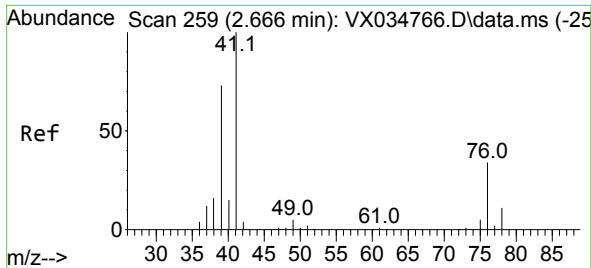
Tgt Ion: 76 Resp: 82290

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6

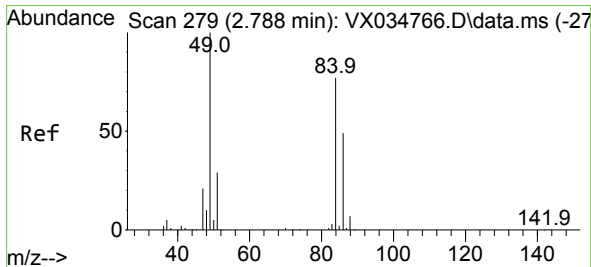
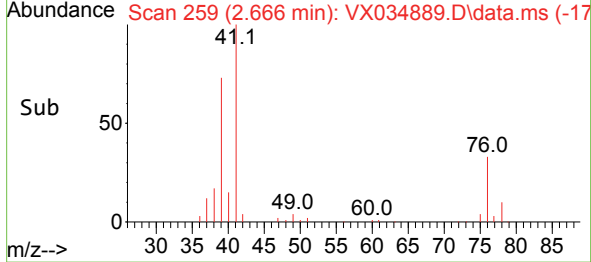
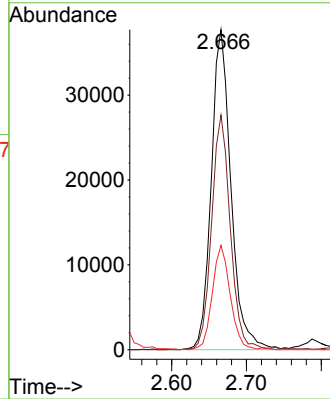
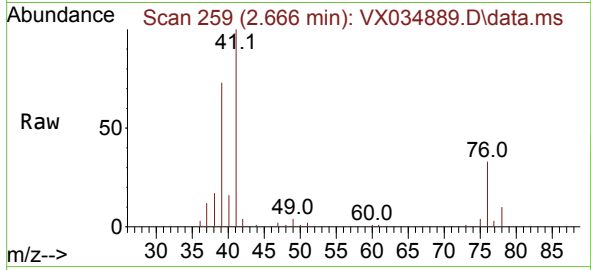




#17  
 Allyl chloride  
 Concen: 16.979 ug/l  
 RT: 2.666 min Scan# 259  
 Delta R.T. -0.000 min  
 Lab File: VX034889.D  
 Acq: 31 Mar 2023 19:26

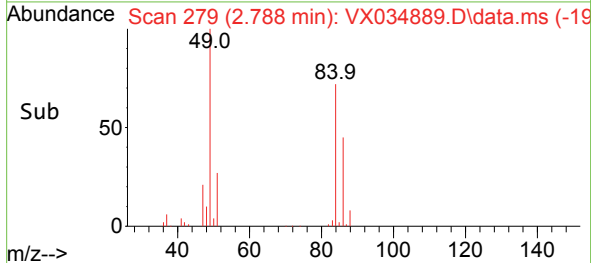
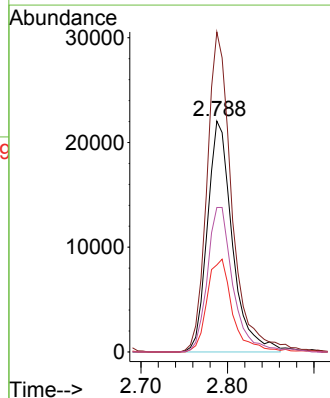
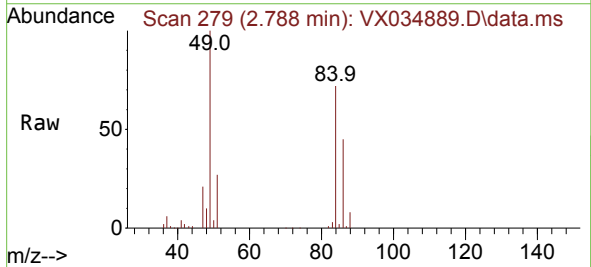
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020EC

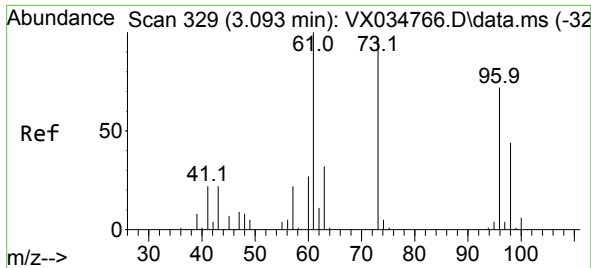
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 69299 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 73.3  | 36.4  | 109.3 |
| 76       | 32.6  | 17.0  | 51.0  |



#18  
 Methylene Chloride  
 Concen: 17.762 ug/l  
 RT: 2.788 min Scan# 279  
 Delta R.T. -0.000 min  
 Lab File: VX034889.D  
 Acq: 31 Mar 2023 19:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 44132 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 138.6 | 103.9 | 155.9 |
| 51       | 37.7  | 30.6  | 45.8  |
| 86       | 62.6  | 50.6  | 75.8  |

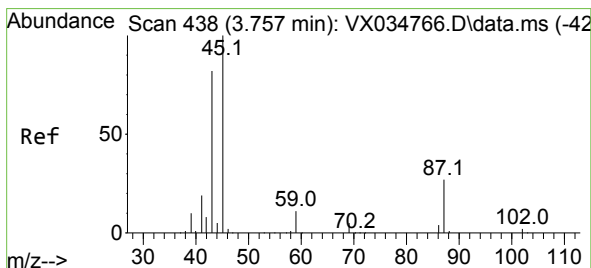
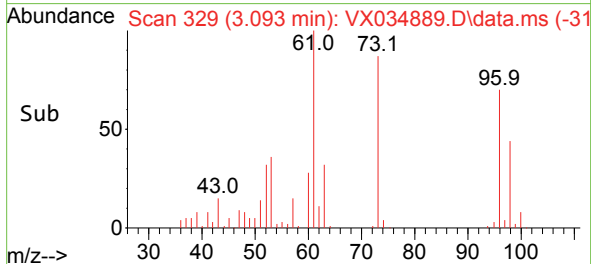
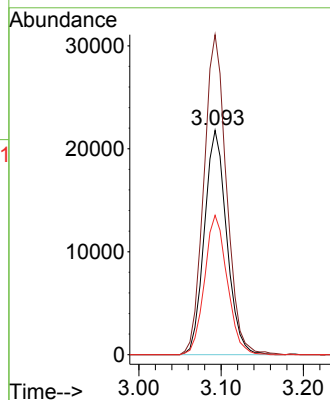
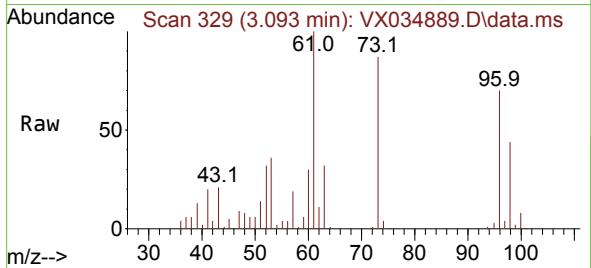




#19  
trans-1,2-Dichloroethene  
Concen: 17.822 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

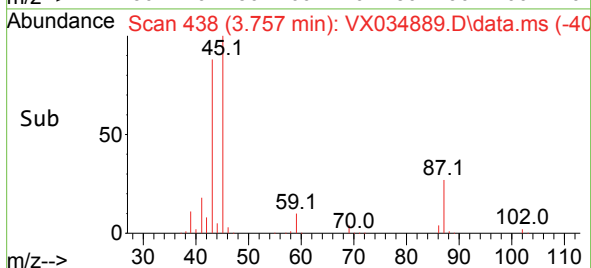
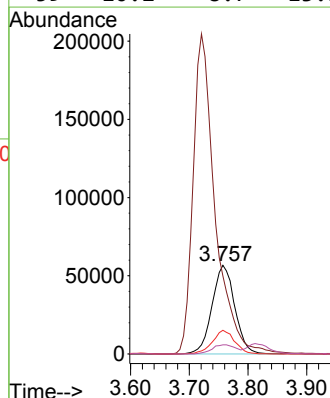
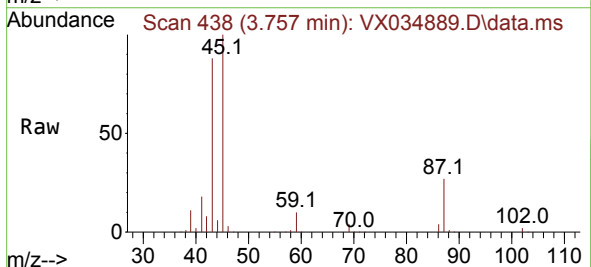
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

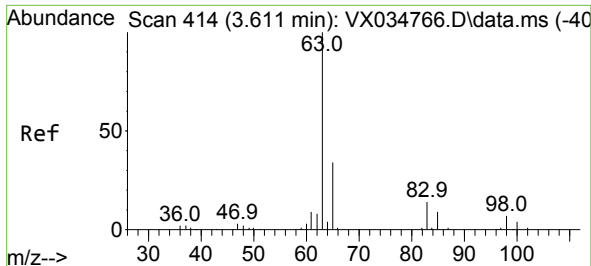
Tgt Ion: 96 Resp: 41133  
Ion Ratio Lower Upper  
96 100  
61 142.6 111.1 166.7  
98 62.1 48.6 72.8



#20  
Diisopropyl ether  
Concen: 18.178 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 45 Resp: 151996  
Ion Ratio Lower Upper  
45 100  
43 85.8 66.0 99.0  
87 26.8 21.8 32.6  
59 10.2 8.7 13.1

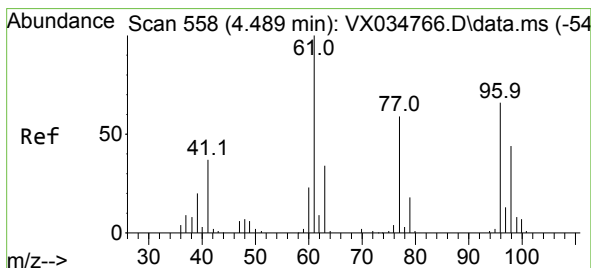
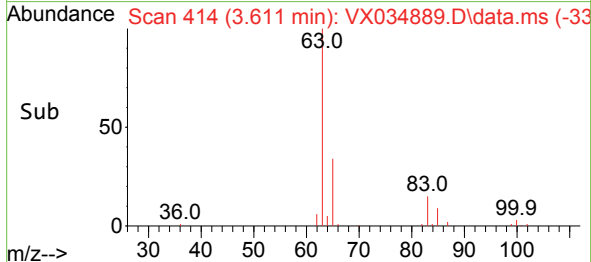
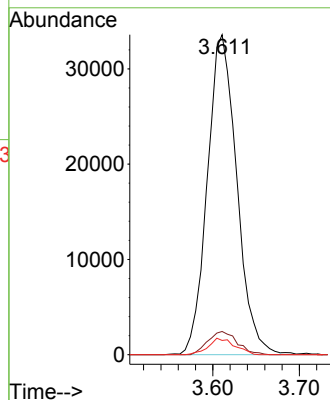
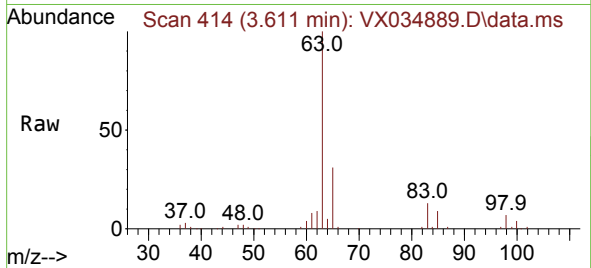




#21  
1,1-Dichloroethane  
Concen: 17.736 ug/l  
RT: 3.611 min Scan# 414  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

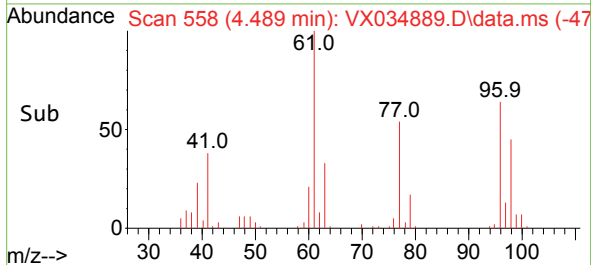
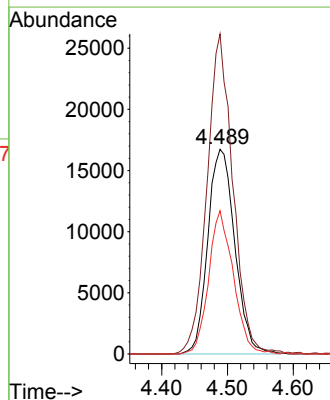
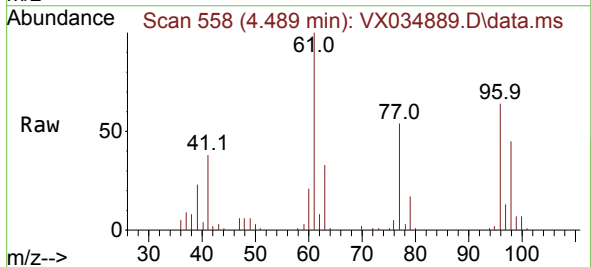
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

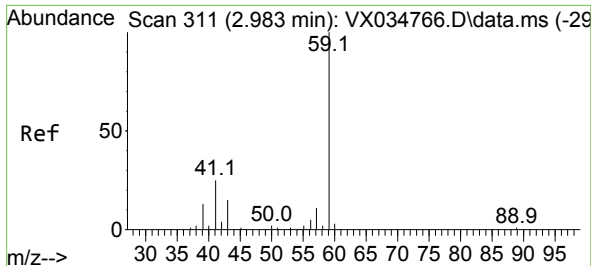
Tgt Ion: 63 Resp: 79296  
Ion Ratio Lower Upper  
63 100  
98 7.3 3.5 10.6  
100 4.6 2.2 6.6



#22  
cis-1,2-Dichloroethene  
Concen: 17.830 ug/l  
RT: 4.489 min Scan# 558  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 96 Resp: 47929  
Ion Ratio Lower Upper  
96 100  
61 149.7 121.7 182.5  
98 63.9 52.2 78.2

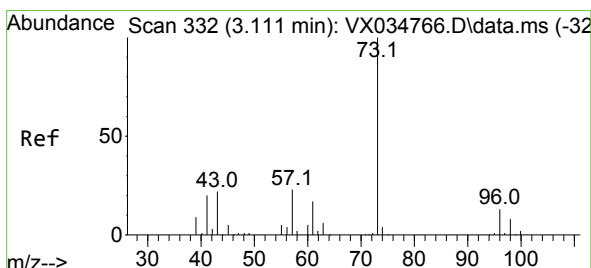
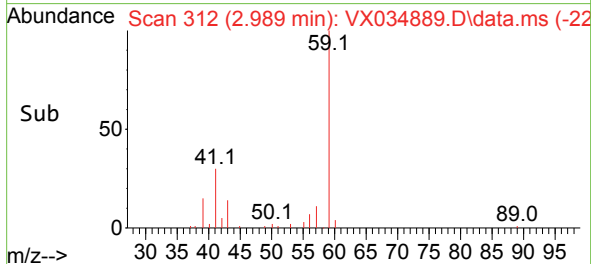
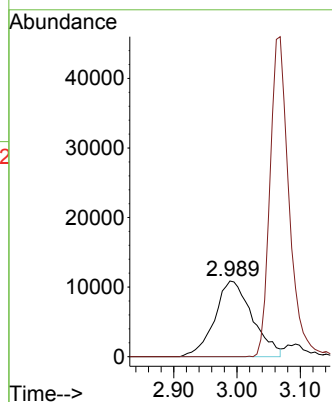
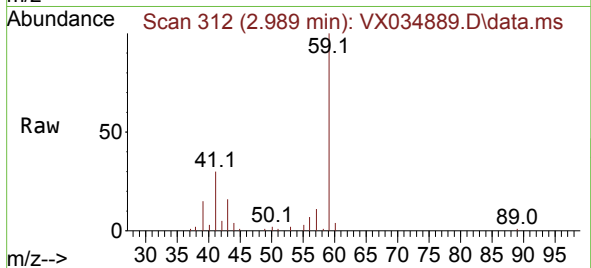




#23  
tert-Butyl Alcohol  
Concen: 77.852 ug/l  
RT: 2.989 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

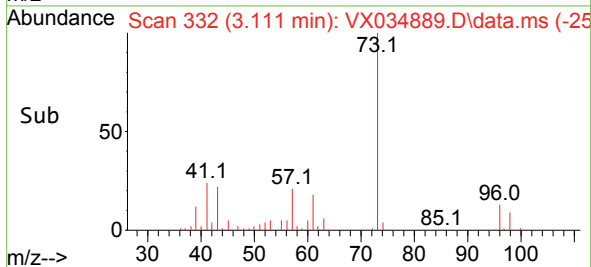
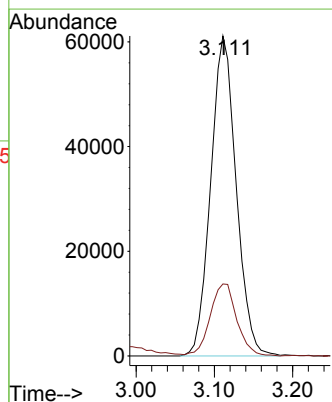
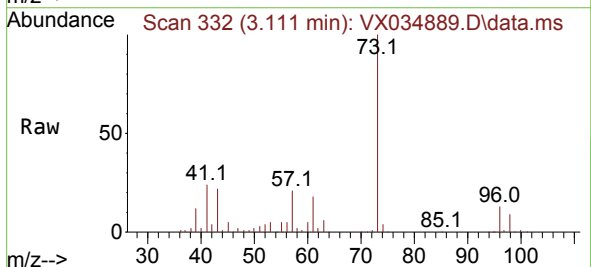
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

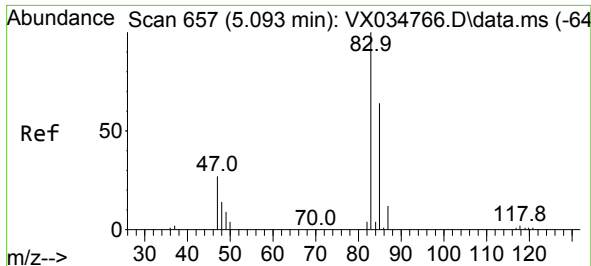
Tgt Ion: 59 Resp: 45052  
Ion Ratio Lower Upper  
59 100  
52 0.1 0.2 0.4#



#24  
Methyl tert-Butyl Ether  
Concen: 17.641 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 73 Resp: 138263  
Ion Ratio Lower Upper  
73 100  
43 23.5 17.9 26.9

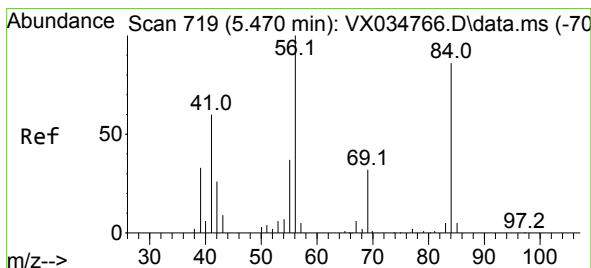
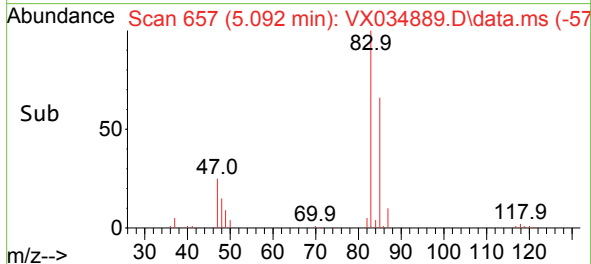
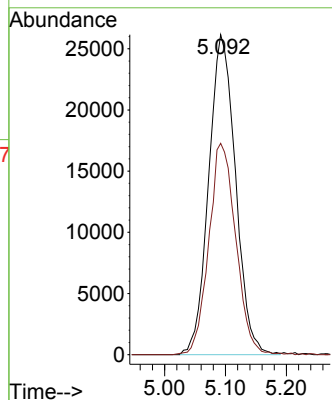
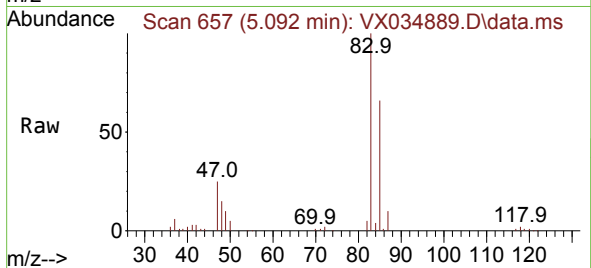




#25  
Chloroform  
Concen: 17.584 ug/l  
RT: 5.092 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

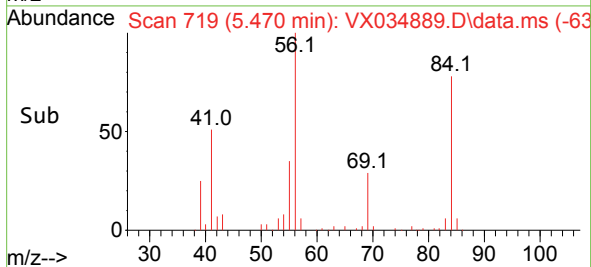
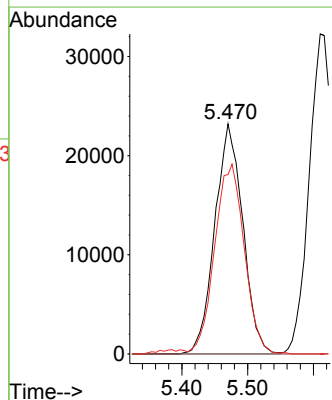
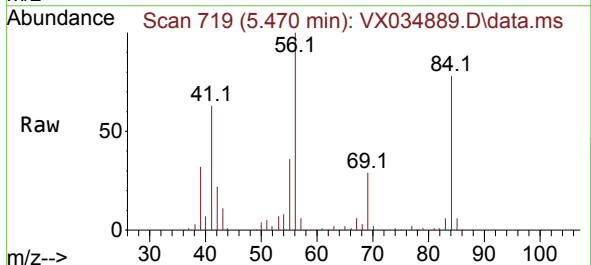
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

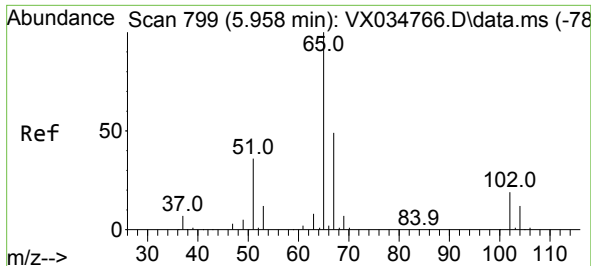
Tgt Ion: 83 Resp: 79963  
Ion Ratio Lower Upper  
83 100  
85 65.7 51.2 76.8



#26  
Cyclohexane  
Concen: 17.565 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 56 Resp: 68821  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 87.2 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 30.986 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034889.D

Acq: 31 Mar 2023 19:26

Instrument :

MSVOA\_X

ClientSampleId :

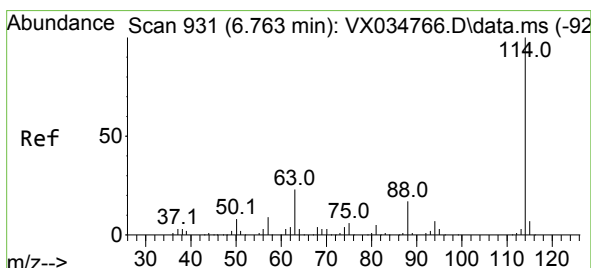
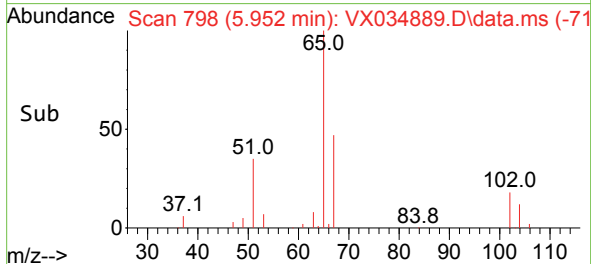
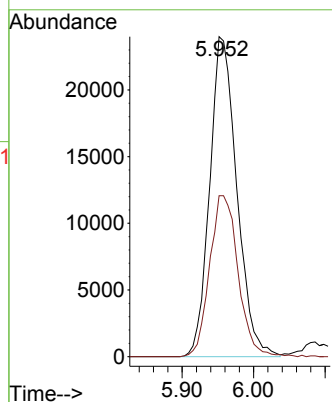
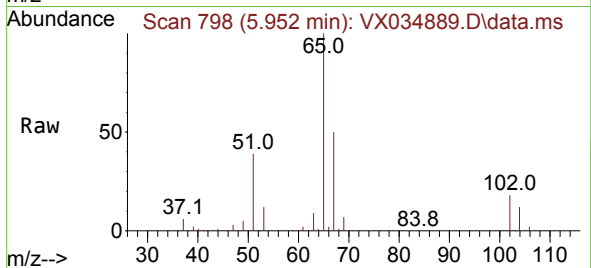
VSTDCCC020EC

Tgt Ion: 65 Resp: 63263

Ion Ratio Lower Upper

65 100

67 52.6 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX034889.D

Acq: 31 Mar 2023 19:26

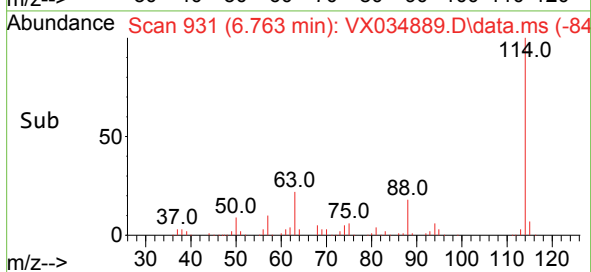
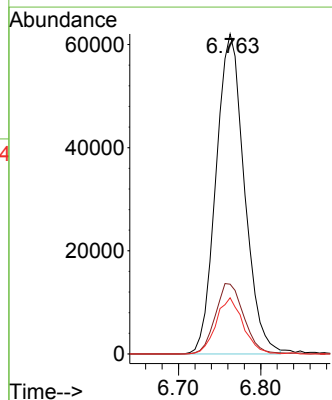
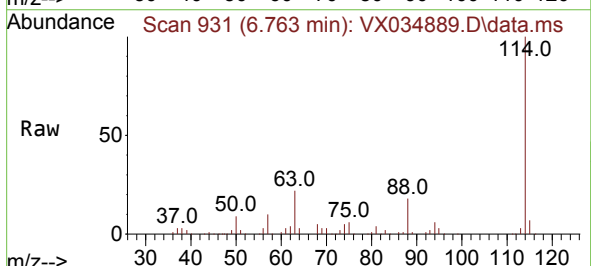
Tgt Ion: 114 Resp: 148851

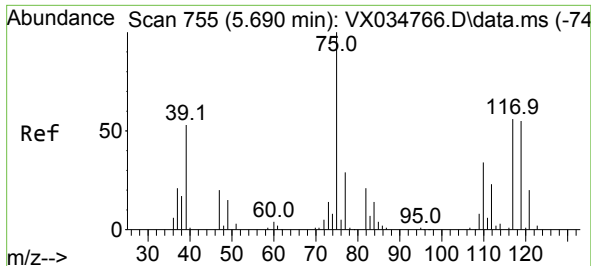
Ion Ratio Lower Upper

114 100

63 22.1 18.0 27.0

88 16.7 13.3 19.9

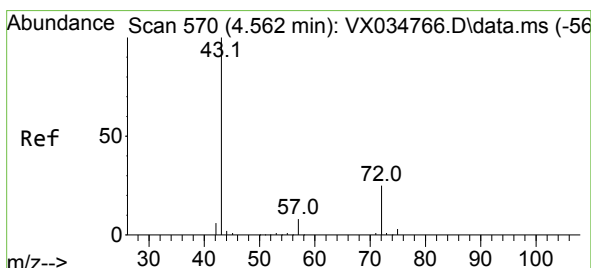
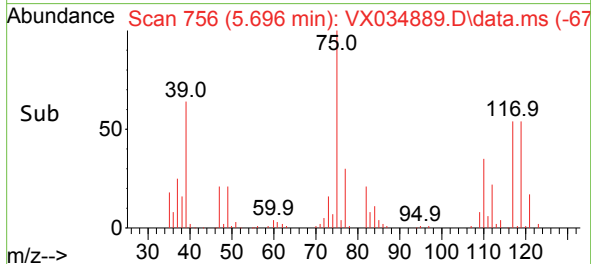
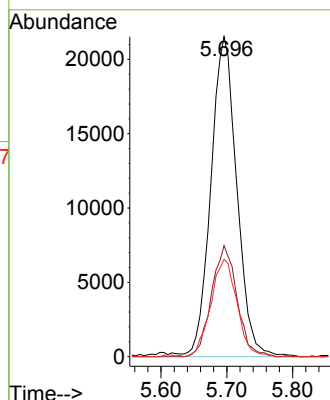
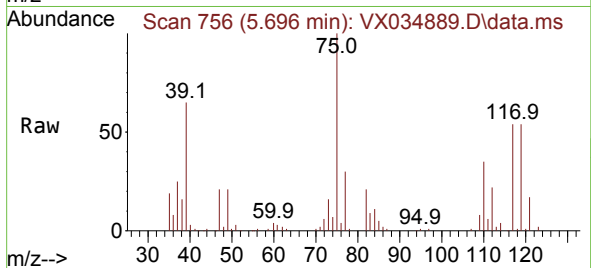




#29  
1,1-Dichloropropene  
Concen: 17.225 ug/l  
RT: 5.696 min Scan# 755  
Delta R.T. 0.006 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

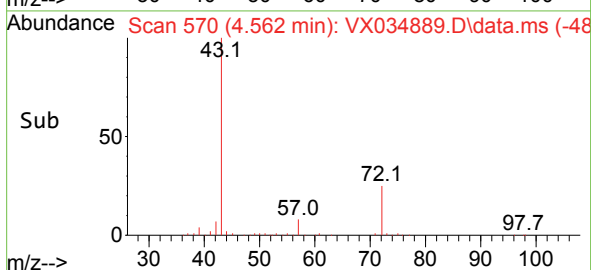
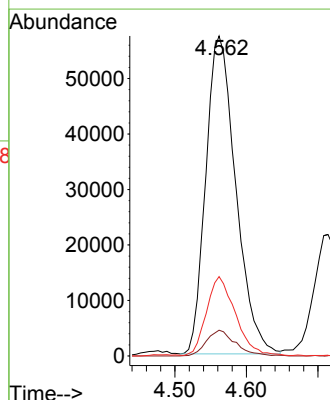
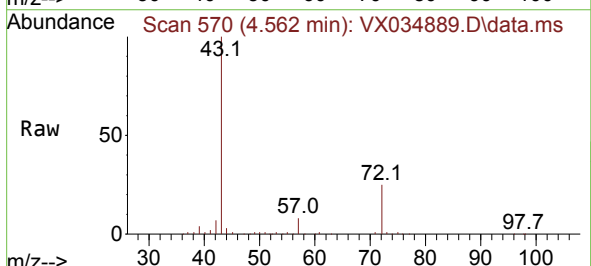
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

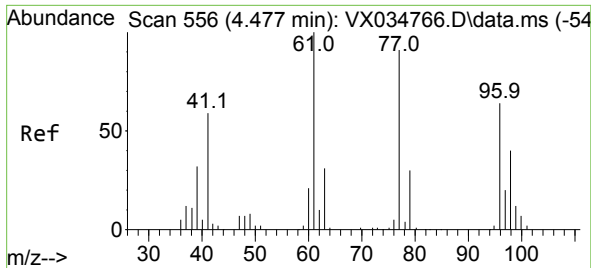
Tgt Ion: 75 Resp: 58970  
Ion Ratio Lower Upper  
75 100  
110 34.1 0.0 71.4  
77 30.7 0.0 61.6



#30  
2-Butanone  
Concen: 87.316 ug/l  
RT: 4.562 min Scan# 570  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 43 Resp: 166710  
Ion Ratio Lower Upper  
43 100  
57 7.8 6.3 9.5  
72 24.2 19.6 29.4

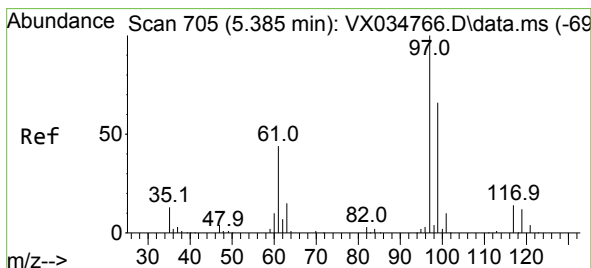
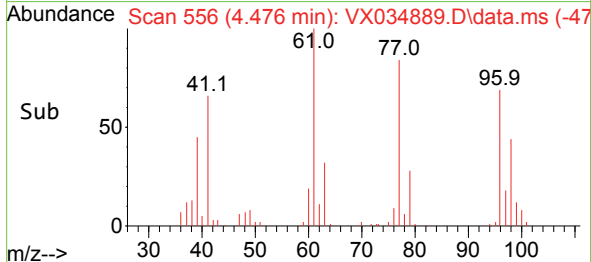
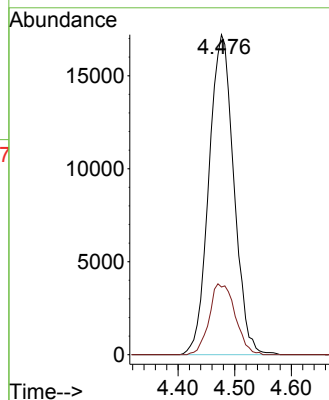
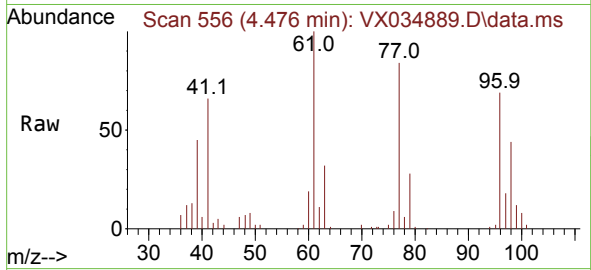




#31  
2,2-Dichloropropane  
Concen: 15.152 ug/l  
RT: 4.476 min Scan# 51  
Delta R.T. -0.001 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

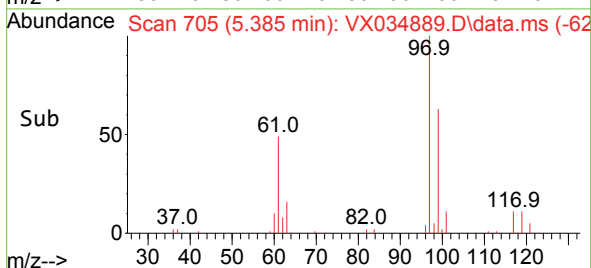
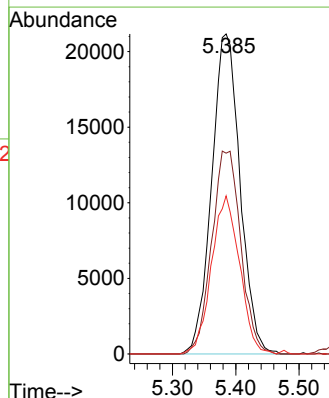
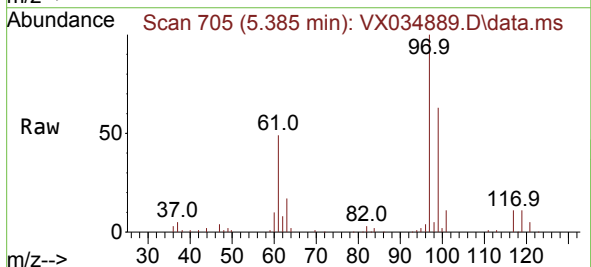
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

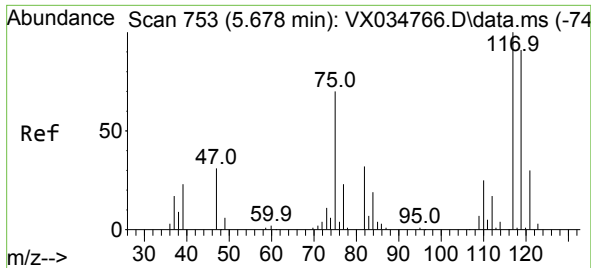
Tgt Ion: 77 Resp: 52608  
Ion Ratio Lower Upper  
77 100  
97 22.9 18.2 27.4



#32  
1,1,1-Trichloroethane  
Concen: 16.470 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 97 Resp: 66148  
Ion Ratio Lower Upper  
97 100  
99 64.8 51.3 76.9  
61 48.8 36.6 55.0

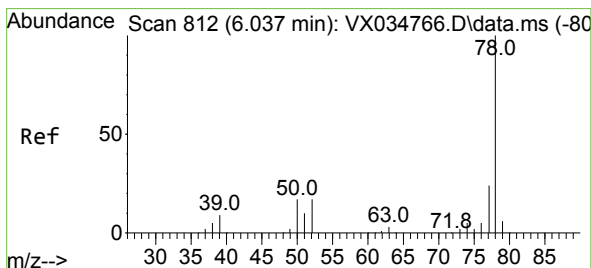
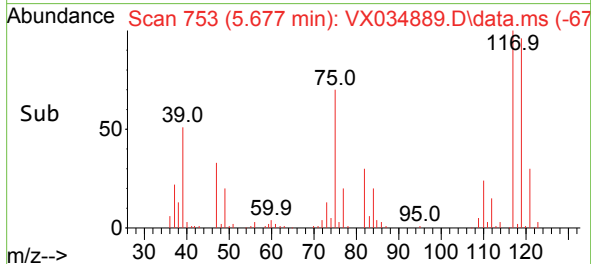
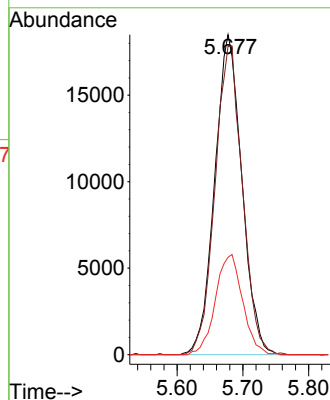
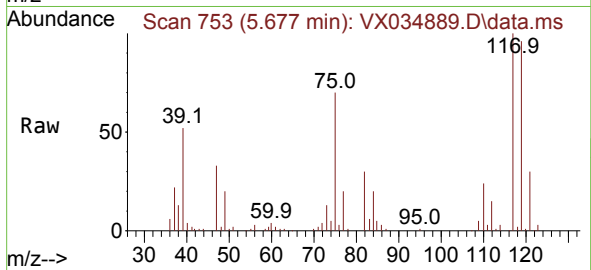




#33  
Carbon Tetrachloride  
Concen: 16.048 ug/l  
RT: 5.677 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

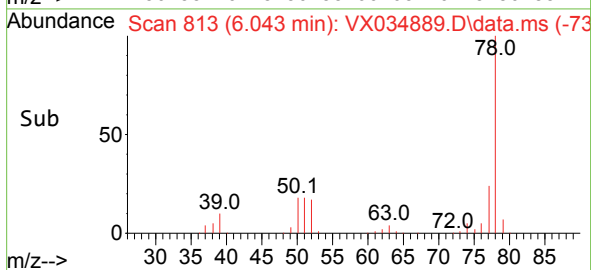
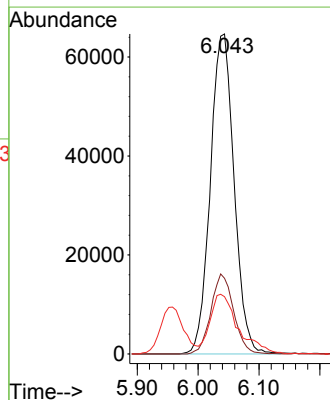
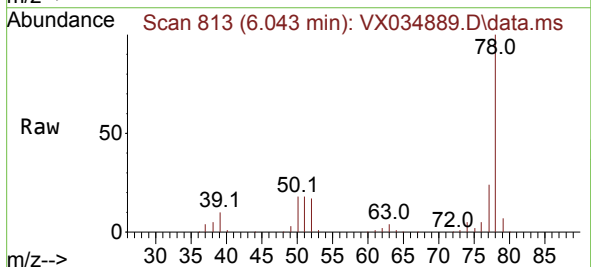
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

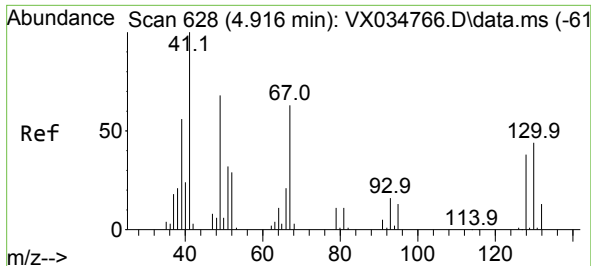
Tgt Ion:117 Resp: 53195  
Ion Ratio Lower Upper  
117 100  
119 96.4 73.3 109.9  
121 30.5 24.0 36.0



#34  
Benzene  
Concen: 17.603 ug/l  
RT: 6.043 min Scan# 813  
Delta R.T. 0.006 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 78 Resp: 175131  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.0 28.4  
51 17.4 14.6 21.8

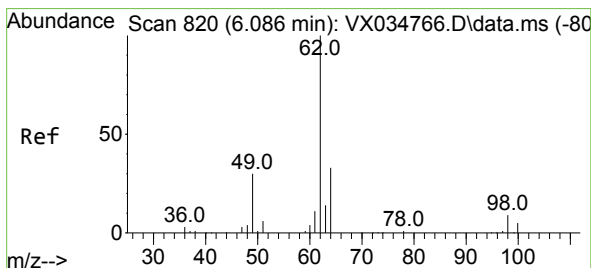
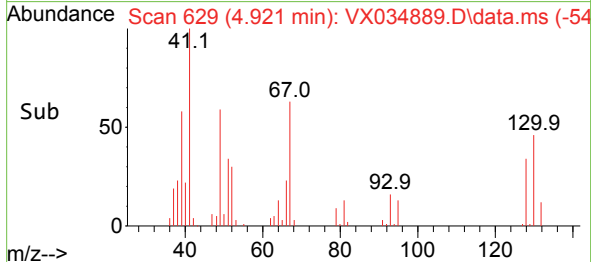
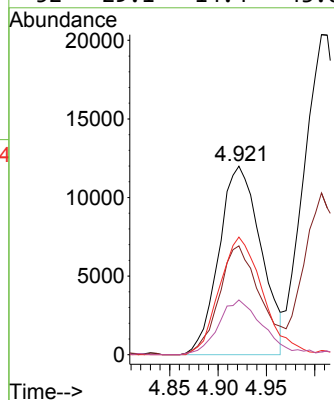
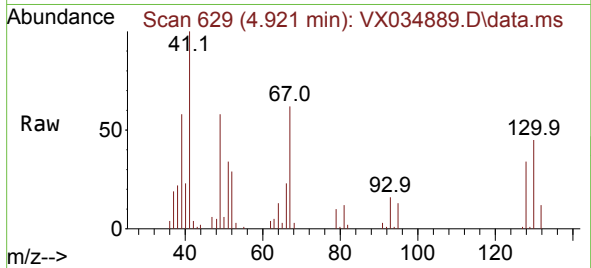




#35  
Methacrylonitrile  
Concen: 17.379 ug/l  
RT: 4.921 min Scan# 61  
Delta R.T. 0.005 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

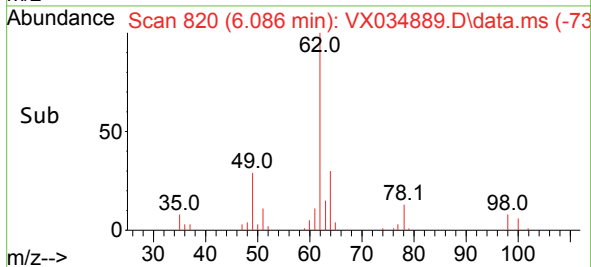
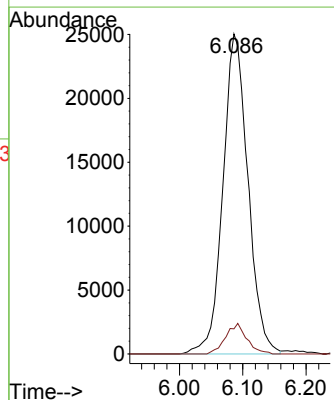
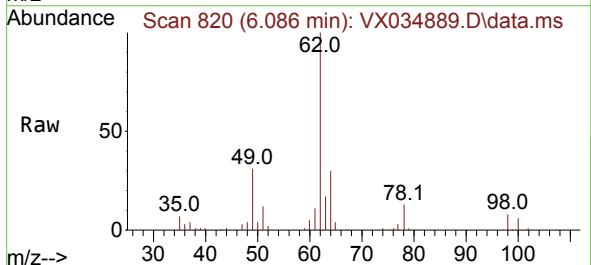
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

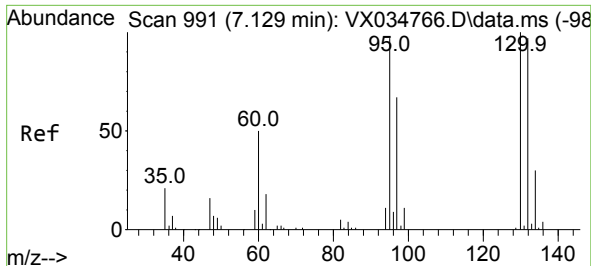
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 36316 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.7  | 28.0  | 84.0  |
| 67       | 62.4  | 31.6  | 94.7  |
| 52       | 29.1  | 14.4  | 43.0  |



#36  
1,2-Dichloroethane  
Concen: 17.654 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 68863 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.0   | 7.0   | 10.6  |

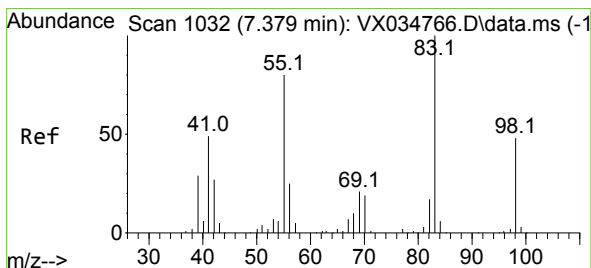
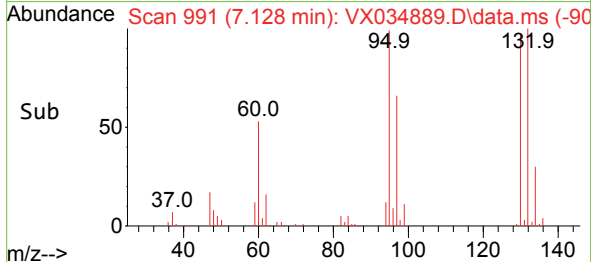
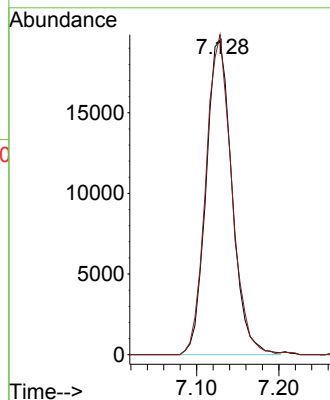
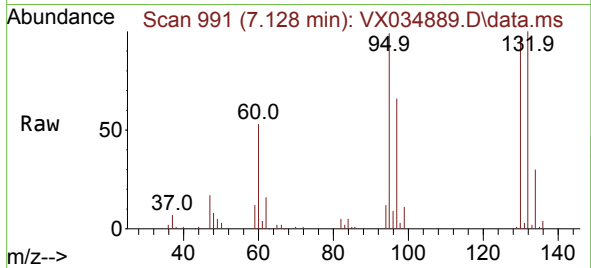




#37  
Trichloroethene  
Concen: 16.885 ug/l  
RT: 7.128 min Scan# 991  
Delta R.T. -0.001 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

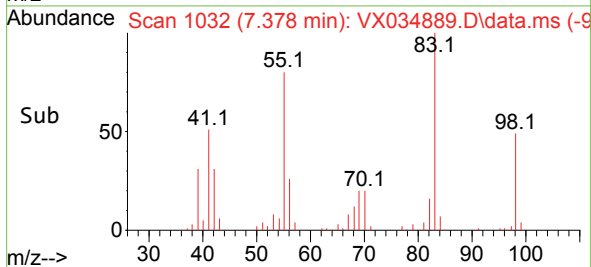
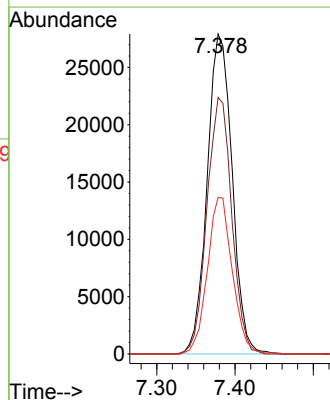
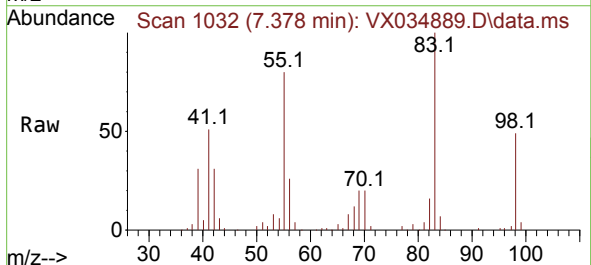
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

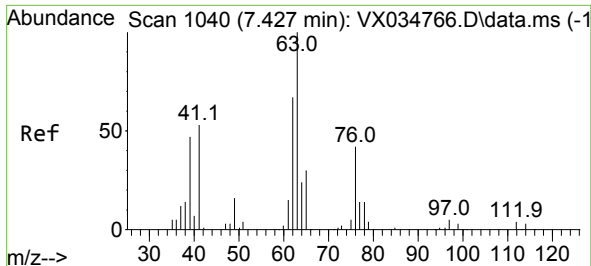
Tgt Ion:130 Resp: 42754  
Ion Ratio Lower Upper  
130 100  
95 102.1 77.8 116.6



#38  
Methylcyclohexane  
Concen: 16.547 ug/l  
RT: 7.378 min Scan# 1032  
Delta R.T. -0.001 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 83 Resp: 61894  
Ion Ratio Lower Upper  
83 100  
55 79.7 38.8 116.4  
98 48.7 23.8 71.2





#39

1,2-Dichloropropane

Concen: 17.611 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX034889.D

Acq: 31 Mar 2023 19:26

Instrument :

MSVOA\_X

ClientSampleId :

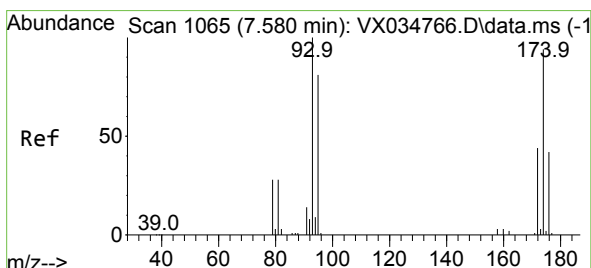
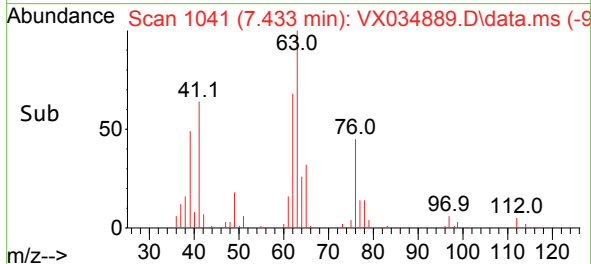
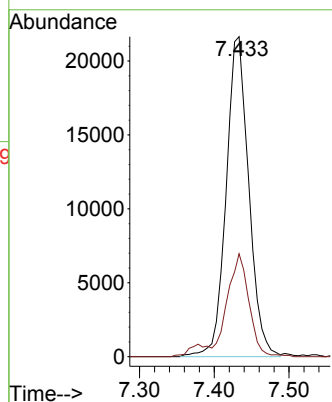
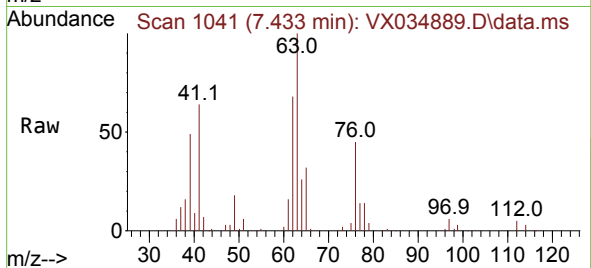
VSTDCCC020EC

Tgt Ion: 63 Resp: 45543

Ion Ratio Lower Upper

63 100

65 31.6 24.0 36.0



#40

Dibromomethane

Concen: 17.863 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX034889.D

Acq: 31 Mar 2023 19:26

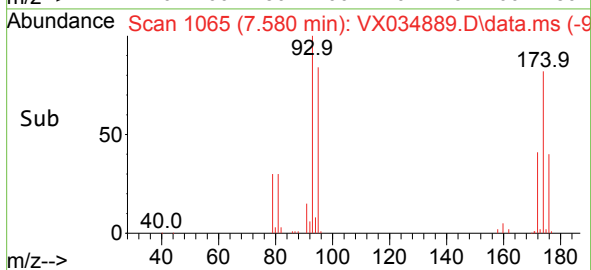
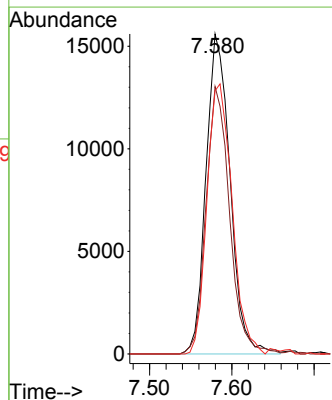
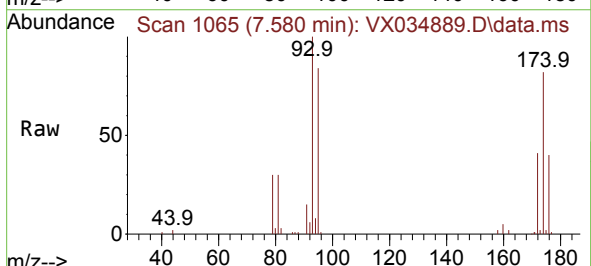
Tgt Ion: 93 Resp: 31734

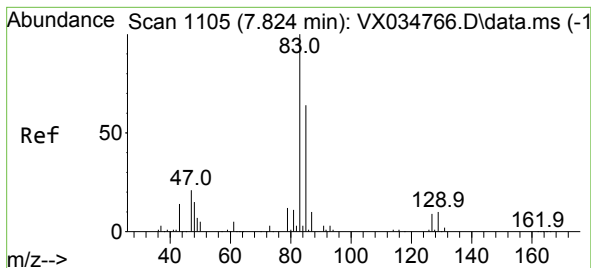
Ion Ratio Lower Upper

93 100

95 81.5 0.0 165.8

174 88.0 0.0 188.8





#41

Bromodichloromethane

Concen: 16.103 ug/l

RT: 7.823 min Scan# 1105

Delta R.T. -0.001 min

Lab File: VX034889.D

Acq: 31 Mar 2023 19:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

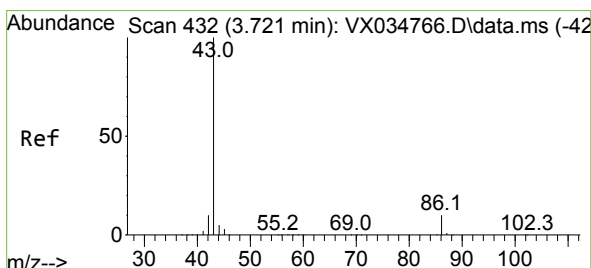
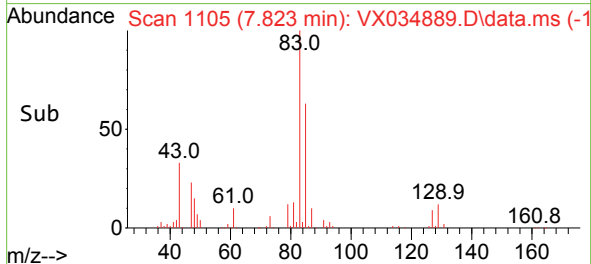
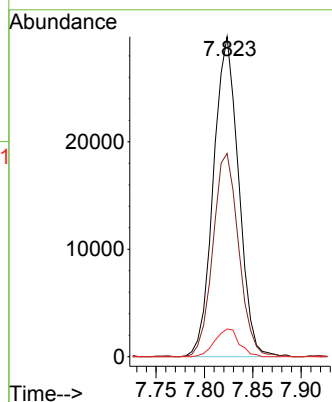
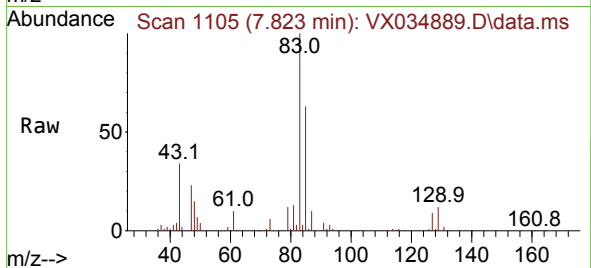
Tgt Ion: 83 Resp: 53883

Ion Ratio Lower Upper

83 100

85 63.5 51.1 76.7

127 8.7 8.2 12.4



#42

Vinyl Acetate

Concen: 85.795 ug/l

RT: 3.720 min Scan# 432

Delta R.T. -0.001 min

Lab File: VX034889.D

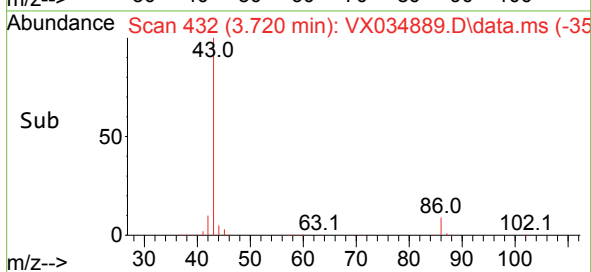
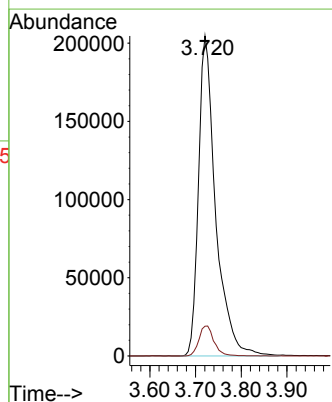
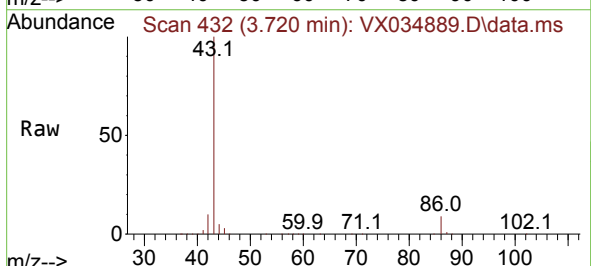
Acq: 31 Mar 2023 19:26

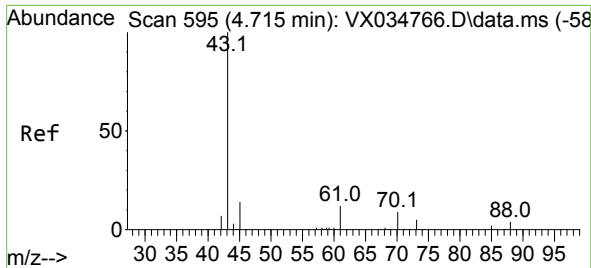
Tgt Ion: 43 Resp: 534391

Ion Ratio Lower Upper

43 100

86 8.2 6.9 10.3

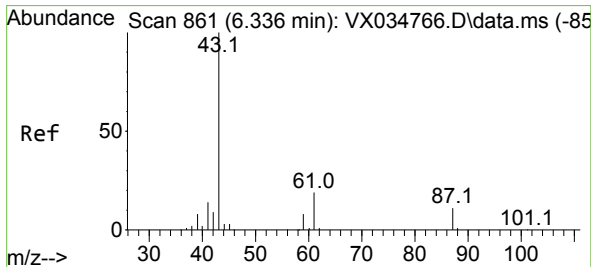
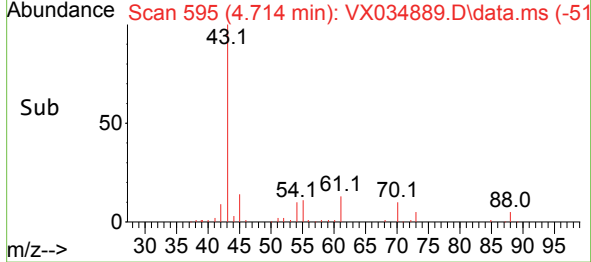
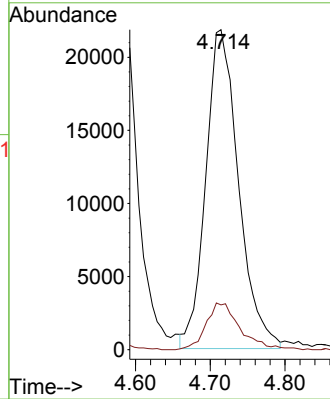
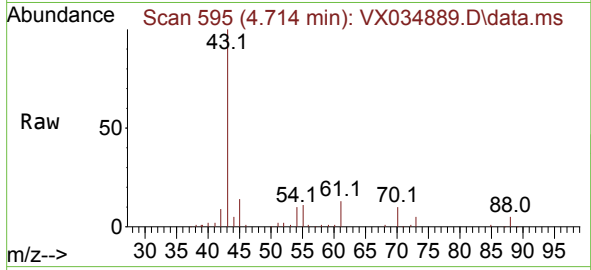




#43  
Ethyl Acetate  
Concen: 17.975 ug/l  
RT: 4.714 min Scan# 595  
Delta R.T. -0.001 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

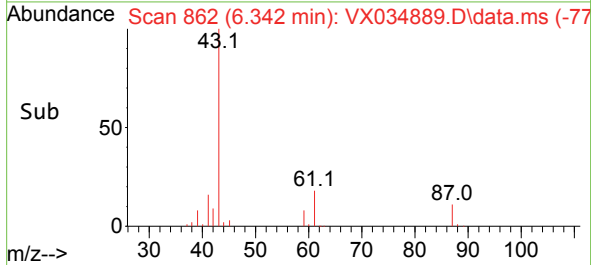
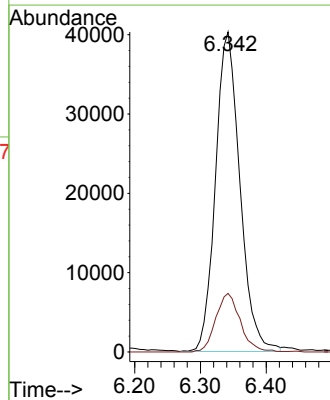
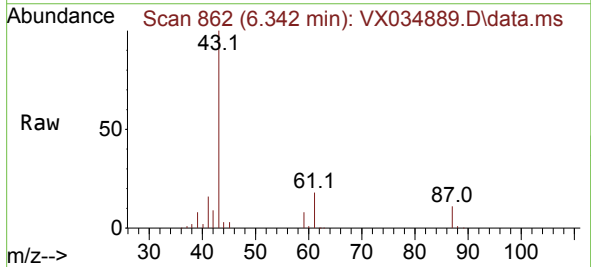
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

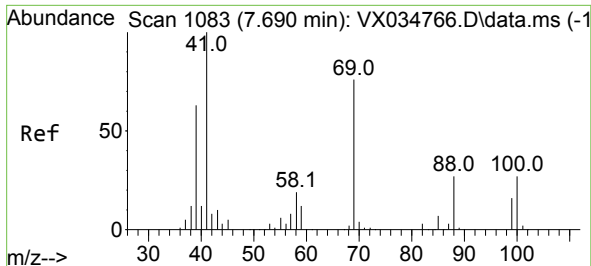
Tgt Ion: 43 Resp: 66560  
Ion Ratio Lower Upper  
43 100  
45 14.7 12.0 18.0



#44  
Isopropyl Acetate  
Concen: 16.604 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 43 Resp: 104081  
Ion Ratio Lower Upper  
43 100  
61 18.3 15.4 23.0

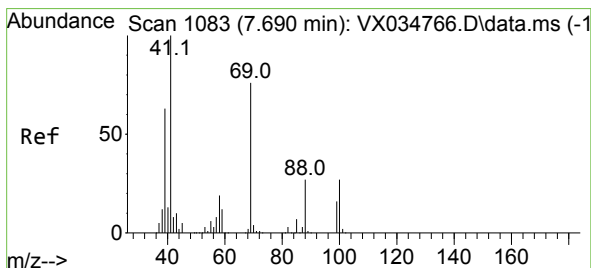
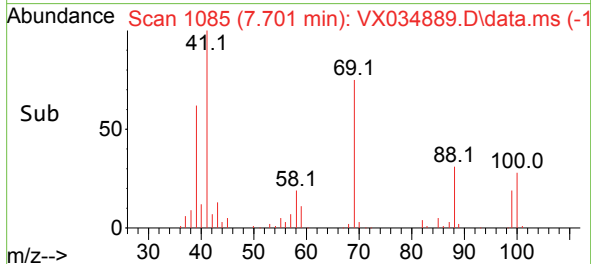
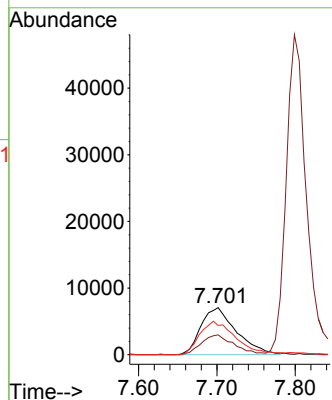
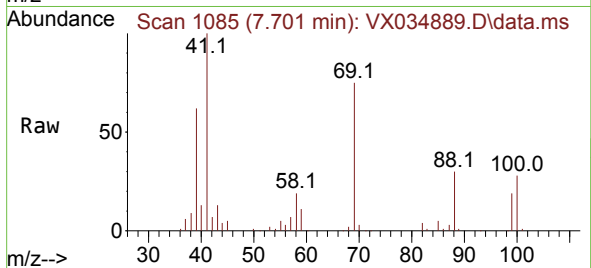




#45  
1,4-Dioxane  
Concen: 357.697 ug/l  
RT: 7.701 min Scan# 1085  
Delta R.T. 0.011 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

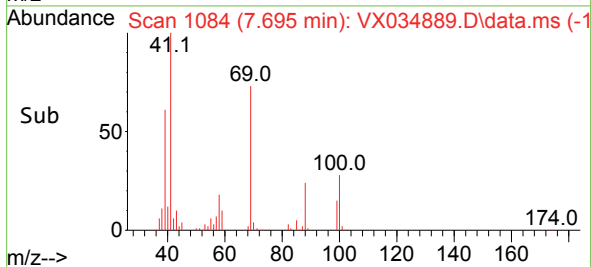
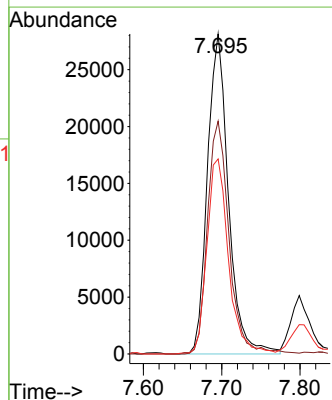
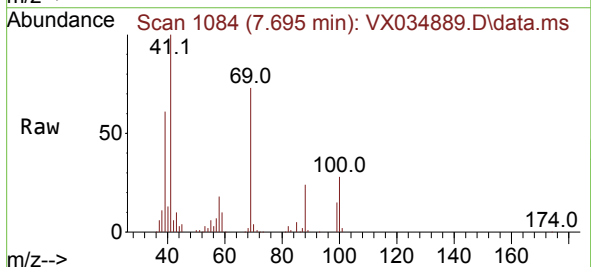
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

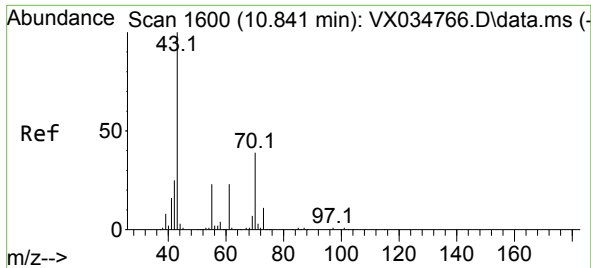
Tgt Ion: 88 Resp: 22214  
Ion Ratio Lower Upper  
88 100  
43 39.1 26.5 39.7  
58 72.0 55.6 83.4



#46  
Methyl methacrylate  
Concen: 17.146 ug/l  
RT: 7.695 min Scan# 1084  
Delta R.T. 0.005 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 41 Resp: 52368  
Ion Ratio Lower Upper  
41 100  
69 72.7 38.1 114.5  
39 60.8 31.4 94.3

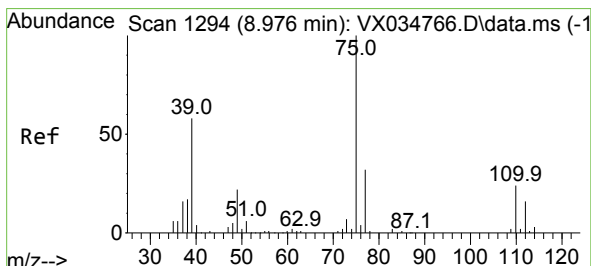
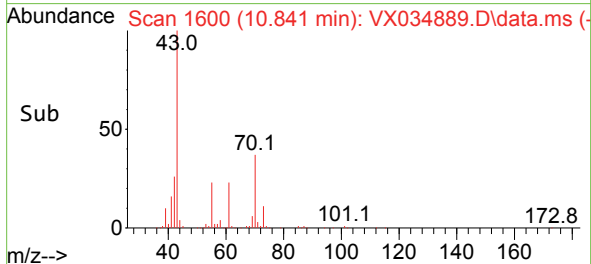
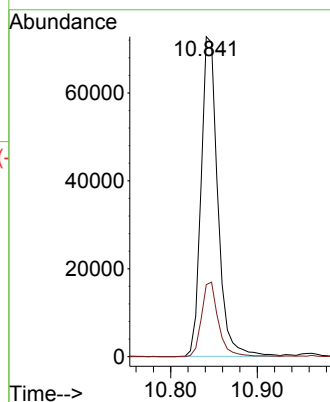
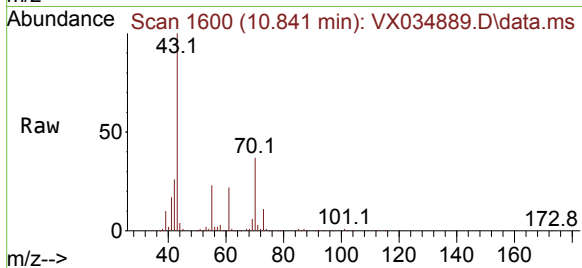




#47  
n-amyl acetate  
Concen: 17.900 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

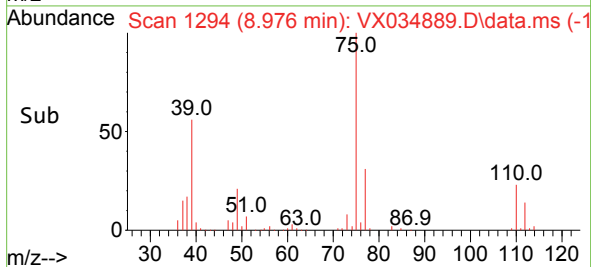
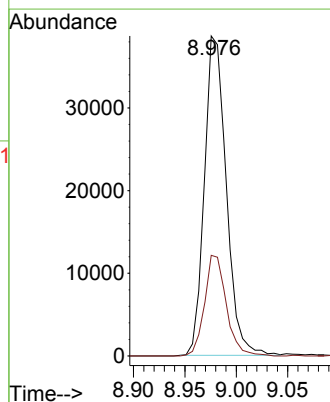
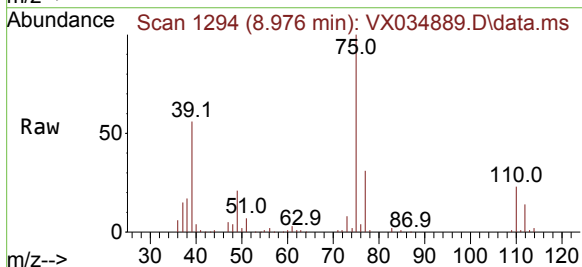
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

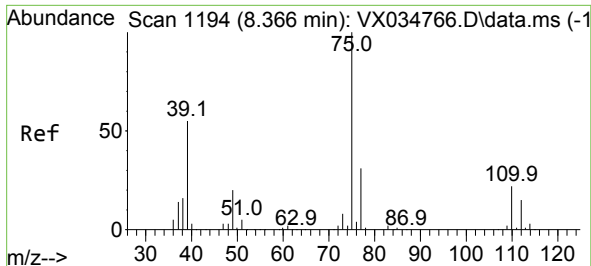
Tgt Ion: 43 Resp: 97552  
Ion Ratio Lower Upper  
43 100  
55 23.4 18.6 28.0



#48  
t-1,3-Dichloropropene  
Concen: 15.726 ug/l  
RT: 8.976 min Scan# 1294  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 75 Resp: 57335  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 15.290 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034889.D

Acq: 31 Mar 2023 19:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

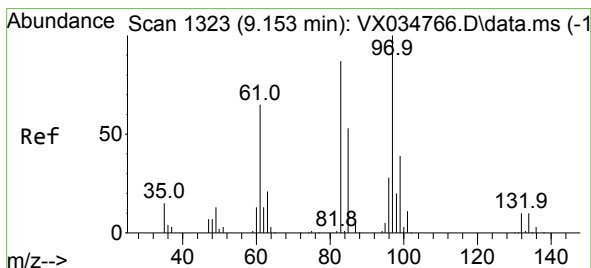
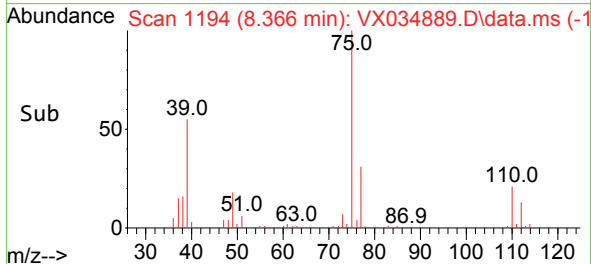
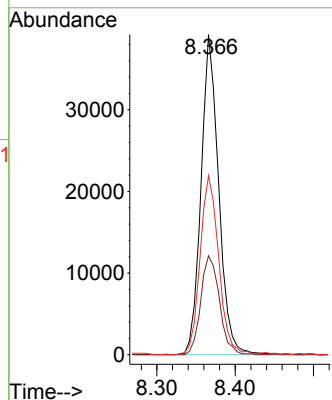
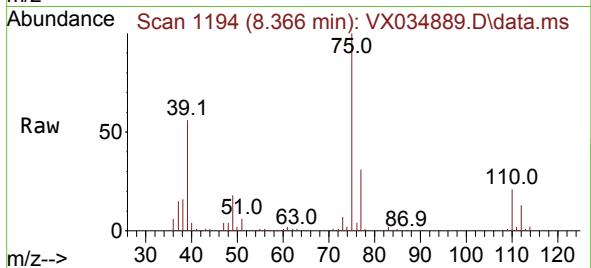
Tgt Ion: 75 Resp: 61242

Ion Ratio Lower Upper

75 100

77 30.9 24.6 37.0

39 55.7 44.2 66.2



#50

1,1,2-Trichloroethane

Concen: 18.769 ug/l

RT: 9.152 min Scan# 1323

Delta R.T. -0.001 min

Lab File: VX034889.D

Acq: 31 Mar 2023 19:26

Tgt Ion: 97 Resp: 46452

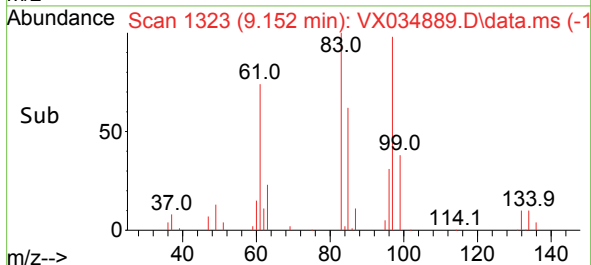
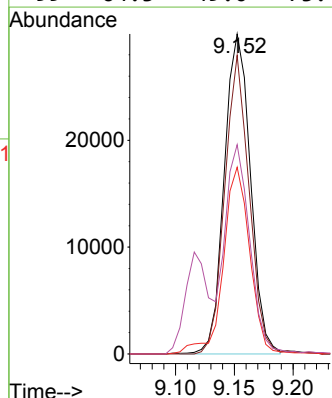
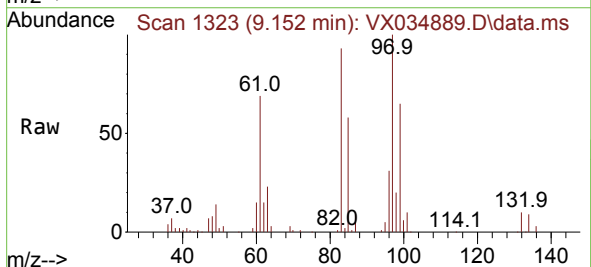
Ion Ratio Lower Upper

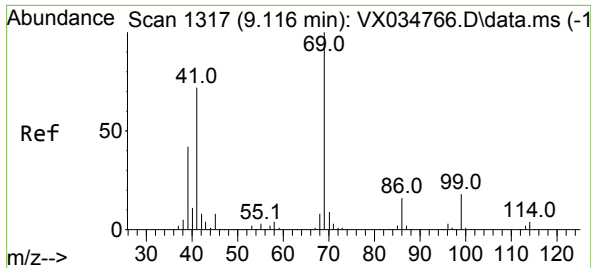
97 100

83 93.5 68.9 103.3

85 57.8 44.0 66.0

99 64.3 49.0 73.4

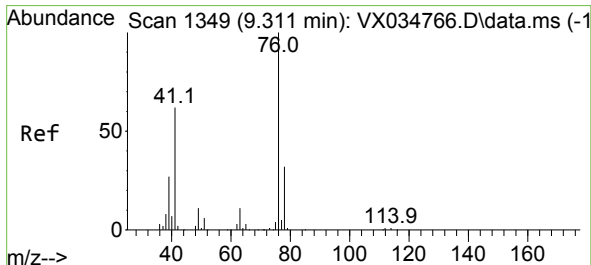
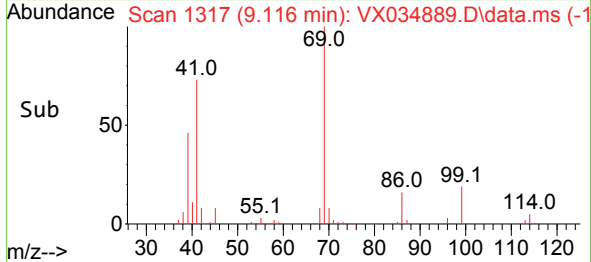
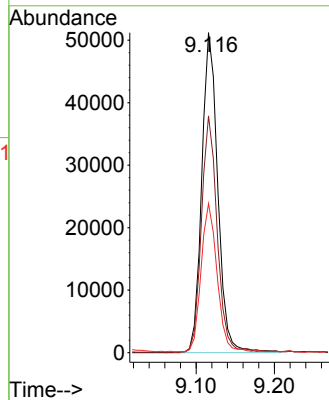
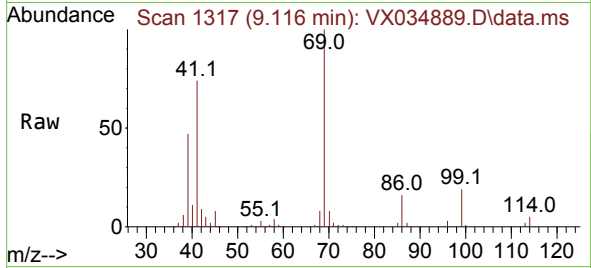




#51  
Ethyl methacrylate  
Concen: 18.111 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

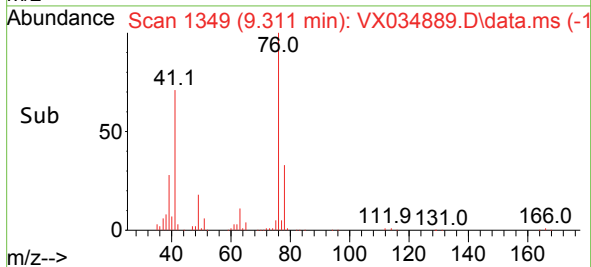
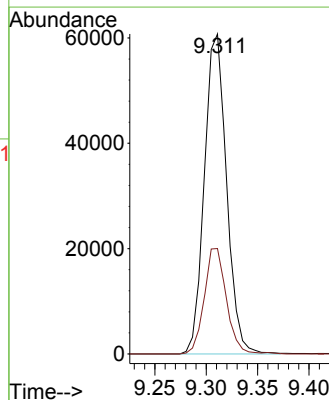
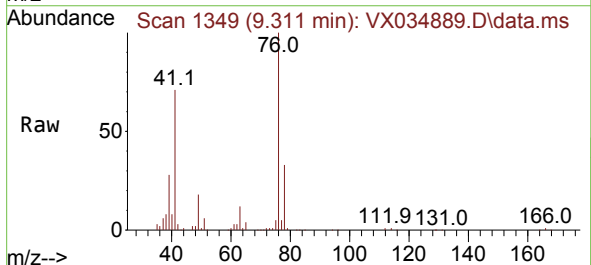
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

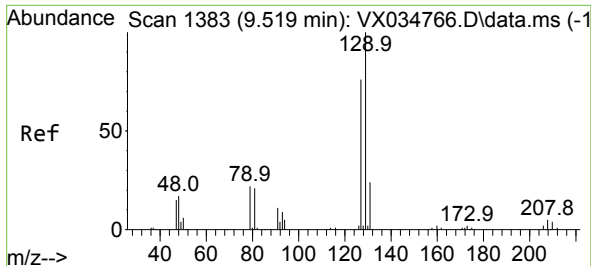
Tgt Ion: 69 Resp: 72749  
Ion Ratio Lower Upper  
69 100  
41 73.8 36.2 108.6  
39 46.3 21.2 63.6



#52  
1,3-Dichloropropane  
Concen: 20.870 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 76 Resp: 91240  
Ion Ratio Lower Upper  
76 100  
78 32.8 0.0 63.8

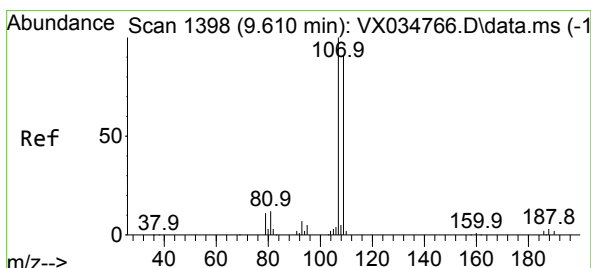
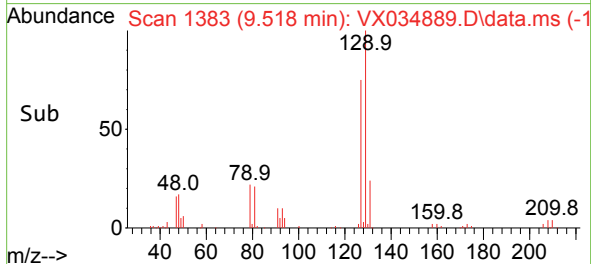
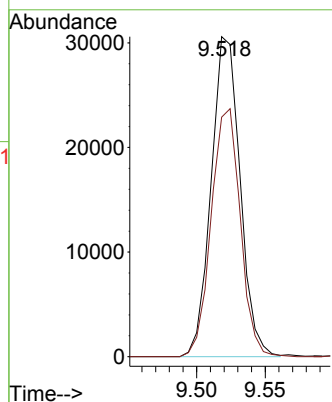
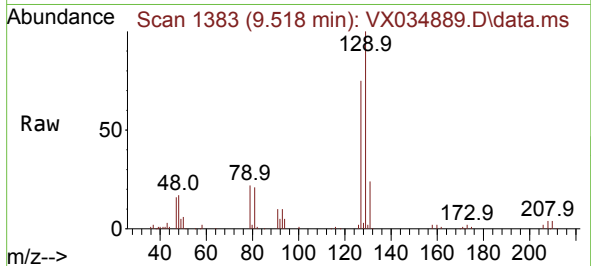




#53  
Dibromochloromethane  
Concen: 18.340 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.001 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

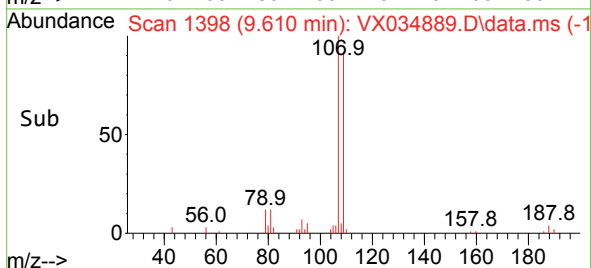
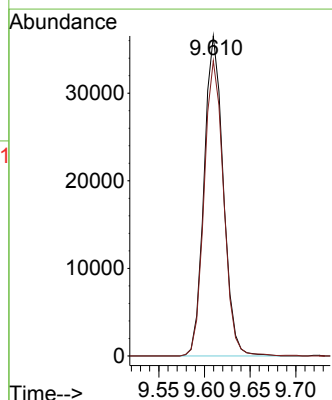
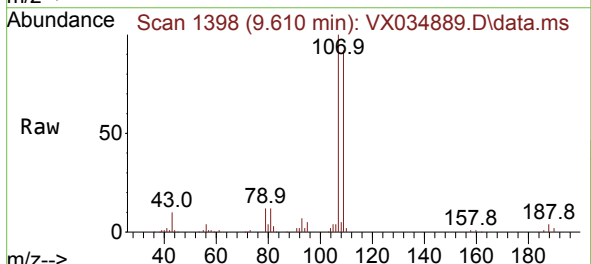
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

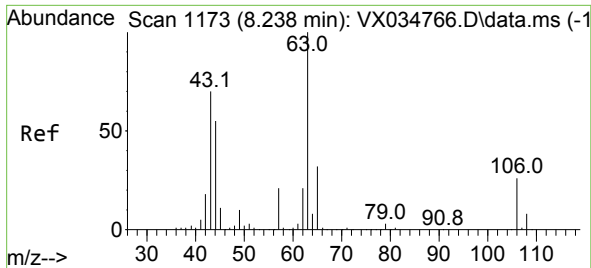
Tgt Ion:129 Resp: 44902  
Ion Ratio Lower Upper  
129 100  
127 77.8 39.1 117.5



#54  
1,2-Dibromoethane  
Concen: 20.166 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion:107 Resp: 53386  
Ion Ratio Lower Upper  
107 100  
109 93.7 75.4 113.2

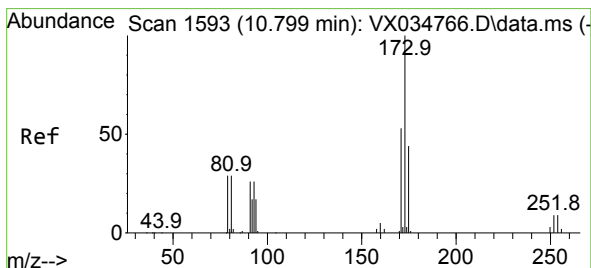
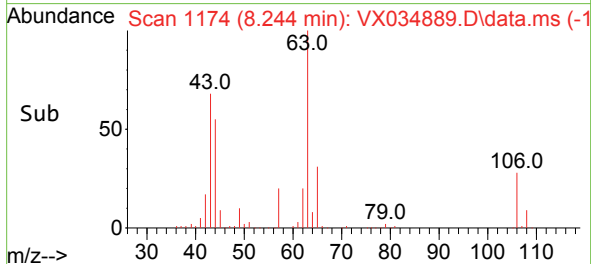
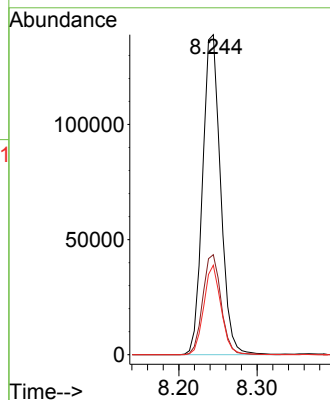
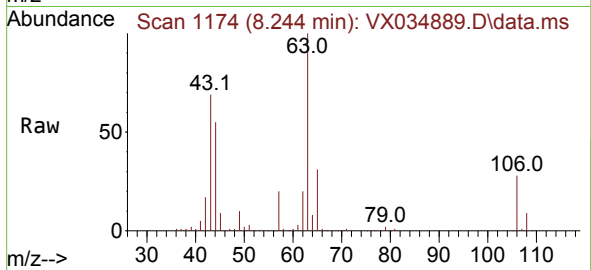




#55  
2-Chloroethyl vinyl ether  
Concen: 104.729 ug/l  
RT: 8.244 min Scan# 1174  
Delta R.T. 0.006 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

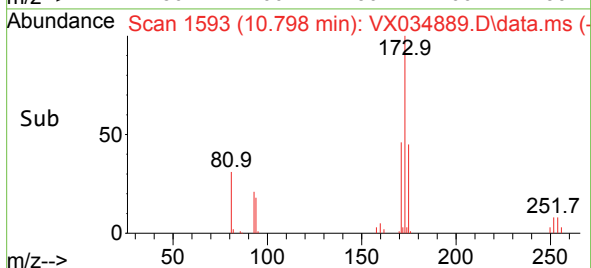
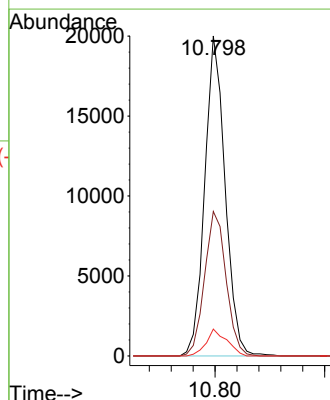
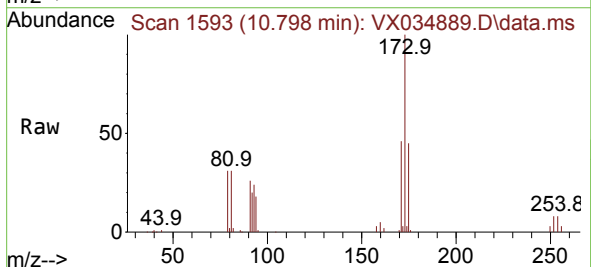
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

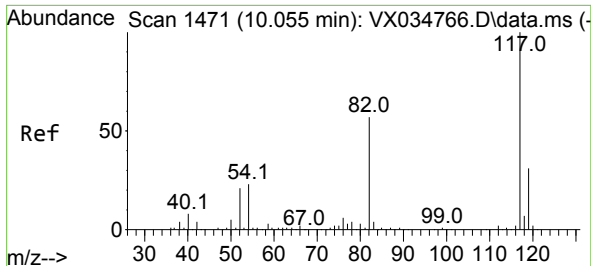
Tgt Ion: 63 Resp: 221383  
Ion Ratio Lower Upper  
63 100  
65 31.9 25.4 38.2  
106 26.9 21.6 32.4



#56  
Bromoform  
Concen: 15.287 ug/l  
RT: 10.798 min Scan# 1593  
Delta R.T. -0.001 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion:173 Resp: 25807  
Ion Ratio Lower Upper  
173 100  
175 47.6 37.0 55.4  
254 8.5 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX034889.D

Acq: 31 Mar 2023 19:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

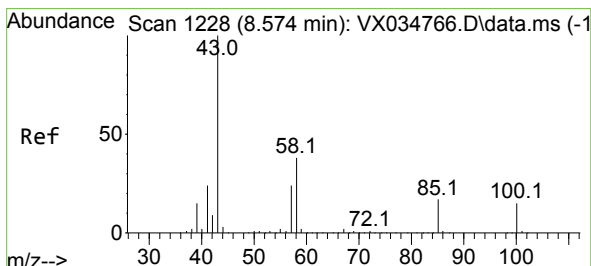
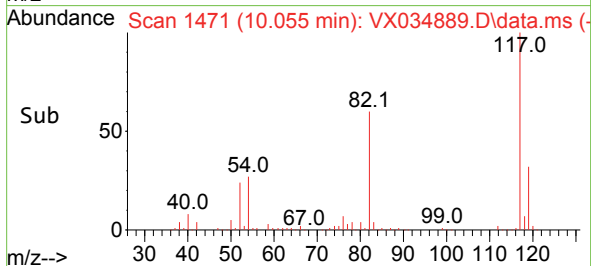
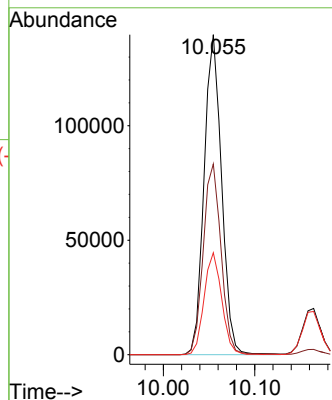
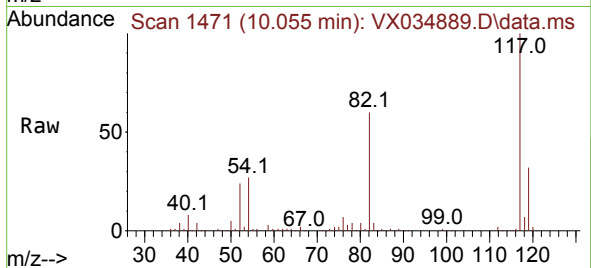
Tgt Ion:117 Resp: 185372

Ion Ratio Lower Upper

117 100

82 60.7 45.8 68.8

119 32.0 25.4 38.0



#58

4-Methyl-2-Pentanone

Concen: 79.890 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.001 min

Lab File: VX034889.D

Acq: 31 Mar 2023 19:26

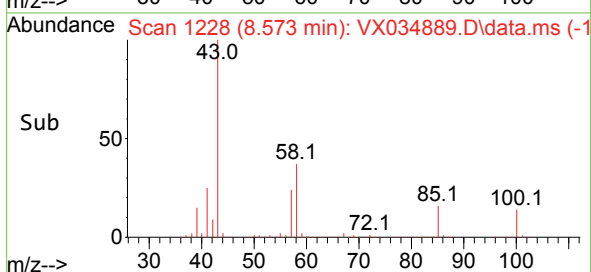
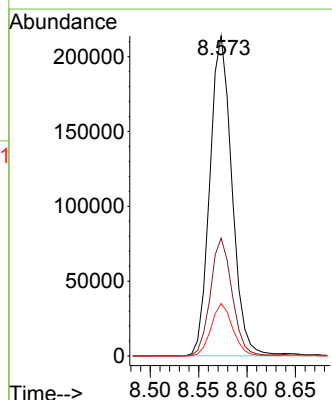
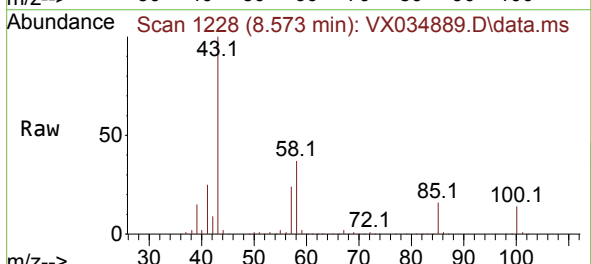
Tgt Ion: 43 Resp: 339545

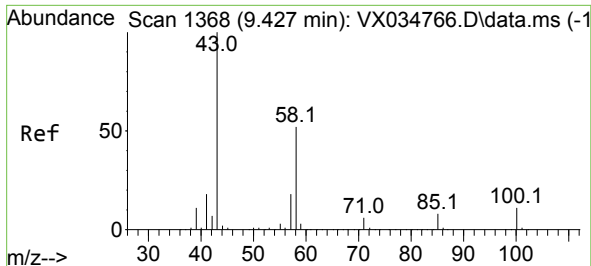
Ion Ratio Lower Upper

43 100

58 36.2 29.9 44.9

85 16.1 13.2 19.8

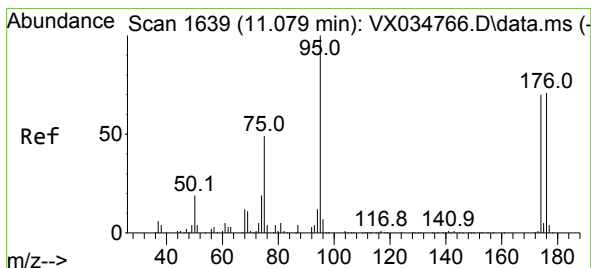
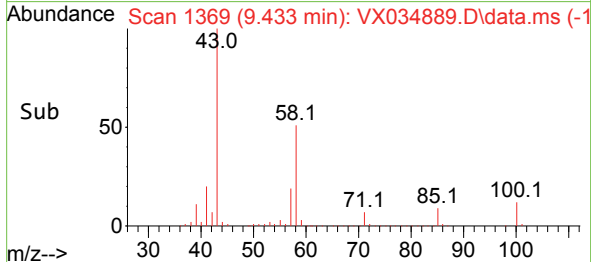
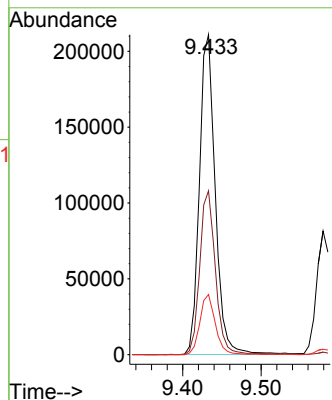
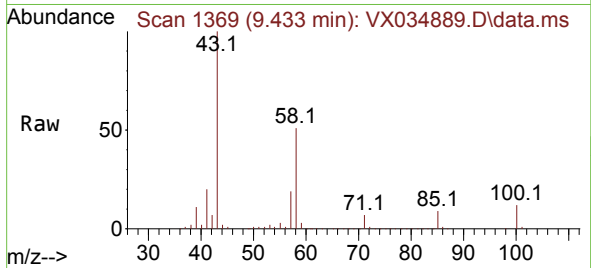




#59  
2-Hexanone  
Concen: 92.634 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.006 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

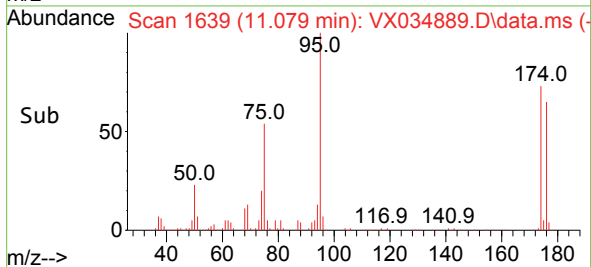
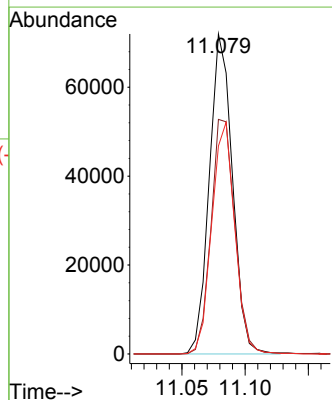
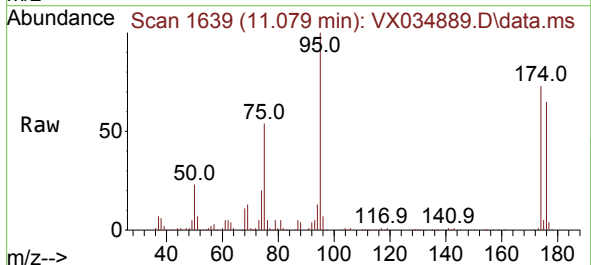
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

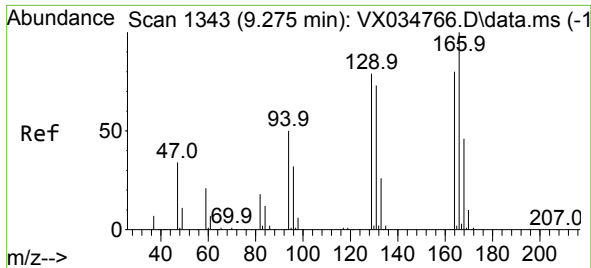
Tgt Ion: 43 Resp: 296431  
Ion Ratio Lower Upper  
43 100  
58 50.5 41.7 62.5  
57 18.4 14.7 22.1



#60  
4-Bromofluorobenzene  
Concen: 24.705 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

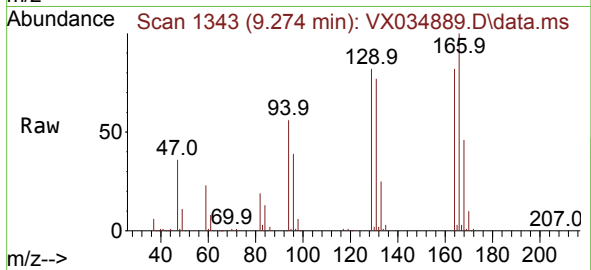
Tgt Ion: 95 Resp: 91507  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.2 0.4#  
176 72.2 0.2 0.2#





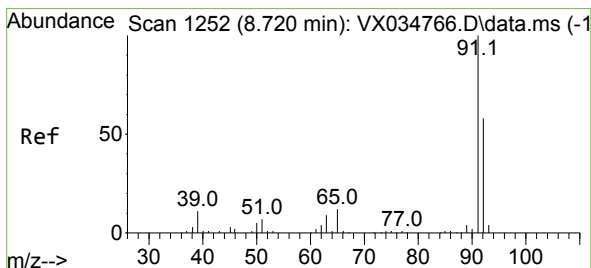
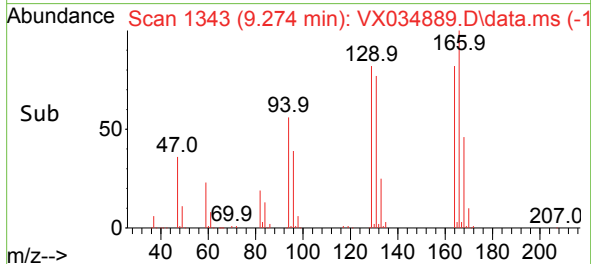
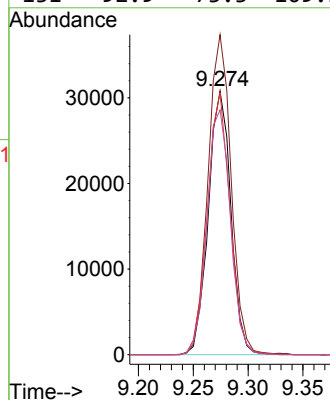
#61  
Tetrachloroethene  
Concen: 17.667 ug/l  
RT: 9.274 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC



Tgt Ion:164 Resp: 44127

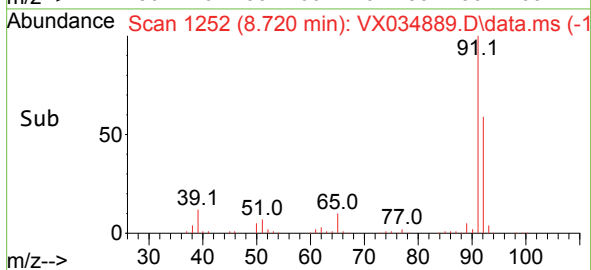
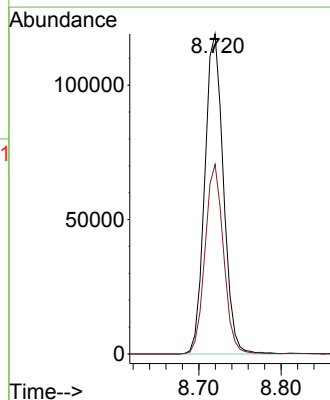
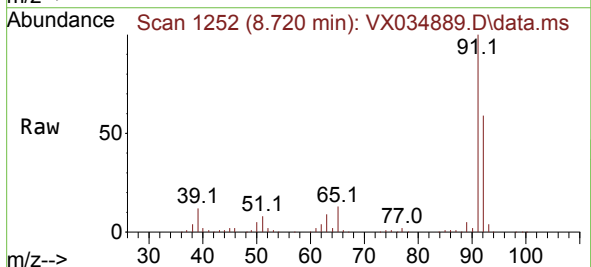
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 121.2 | 100.1 | 150.1 |
| 129 | 99.5  | 79.1  | 118.7 |
| 131 | 92.9  | 73.3  | 109.9 |

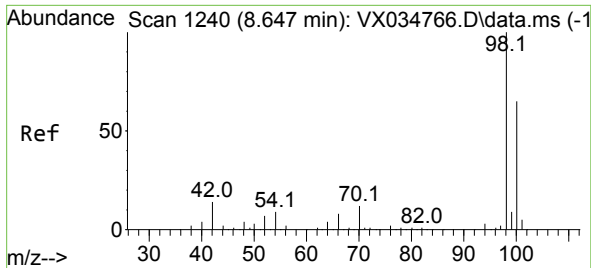


#62  
Toluene  
Concen: 15.487 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 91 Resp: 187714

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 58.7  | 46.5  | 69.7  |

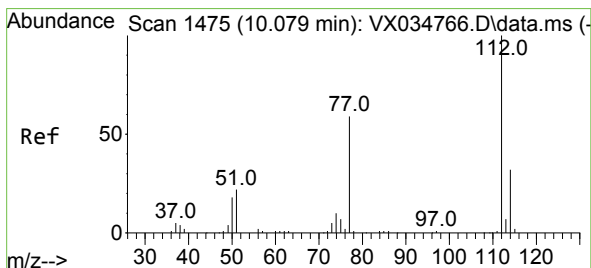
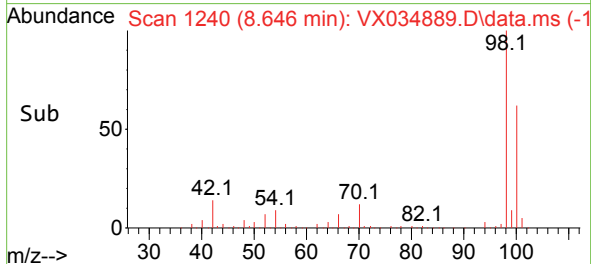
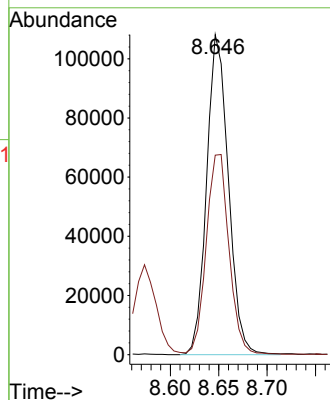
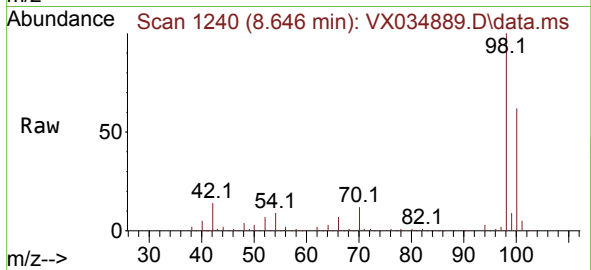




#63  
Toluene-d8  
Concen: 26.912 ug/l  
RT: 8.646 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

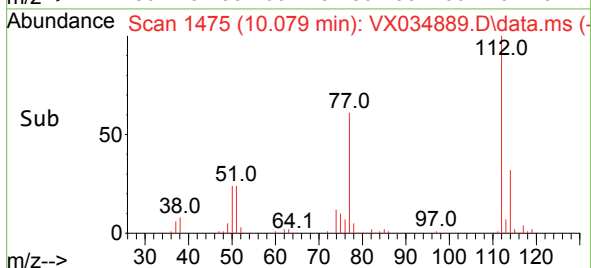
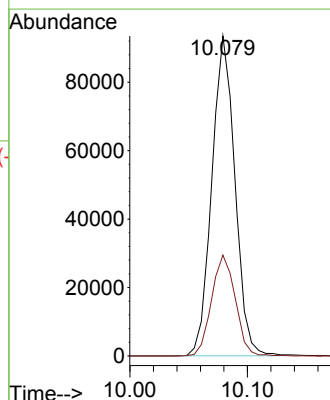
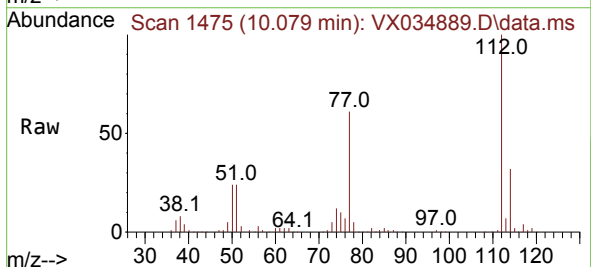
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

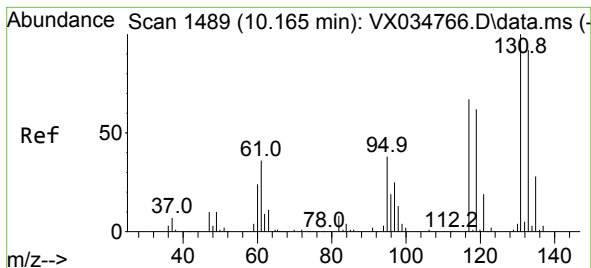
Tgt Ion: 98 Resp: 169532  
Ion Ratio Lower Upper  
98 100  
100 65.5 52.1 78.1



#64  
Chlorobenzene  
Concen: 17.065 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 112 Resp: 127375  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.8 38.8

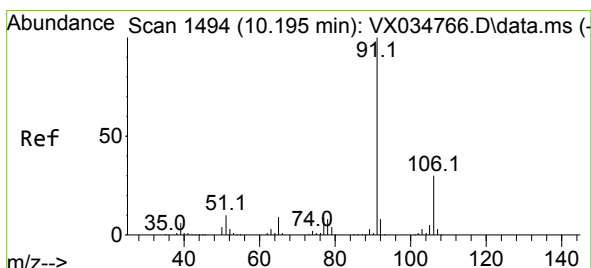
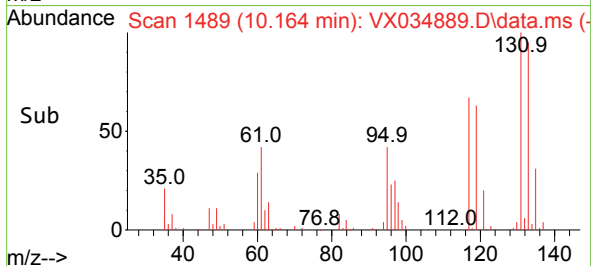
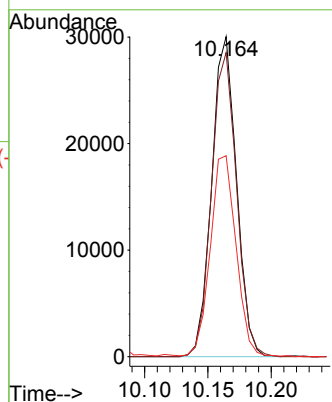
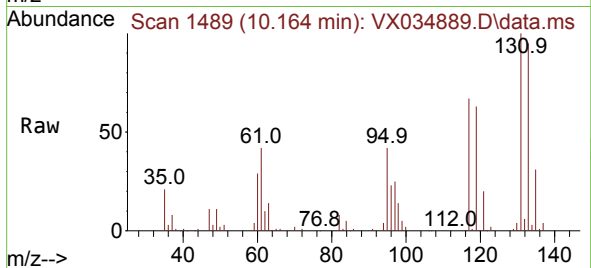




#65  
1,1,1,2-Tetrachloroethane  
Concen: 15.323 ug/l  
RT: 10.164 min Scan# 1489  
Delta R.T. -0.001 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

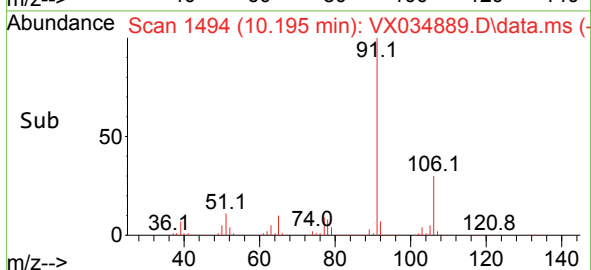
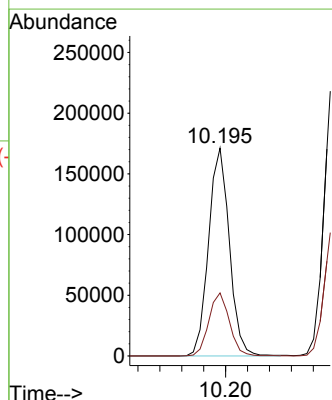
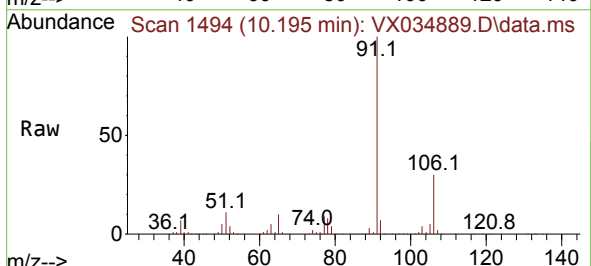
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

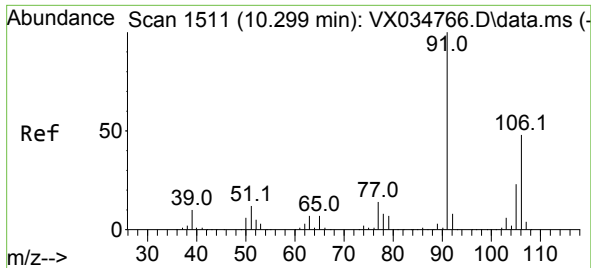
Tgt Ion:131 Resp: 40889  
Ion Ratio Lower Upper  
131 100  
133 96.1 0.0 186.6  
119 65.5 0.0 128.6



#66  
Ethyl Benzene  
Concen: 16.718 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 91 Resp: 225698  
Ion Ratio Lower Upper  
91 100  
106 30.3 24.4 36.6

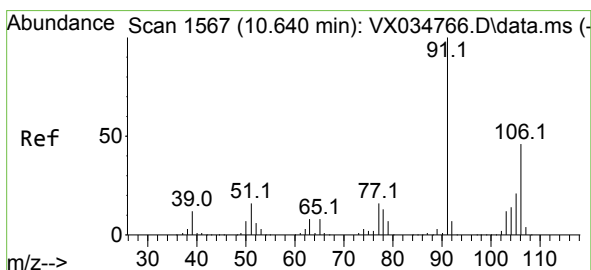
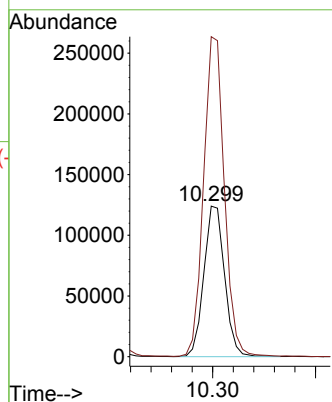
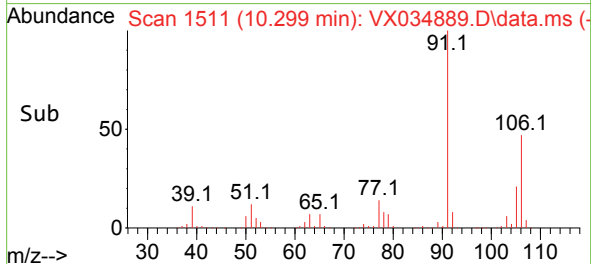
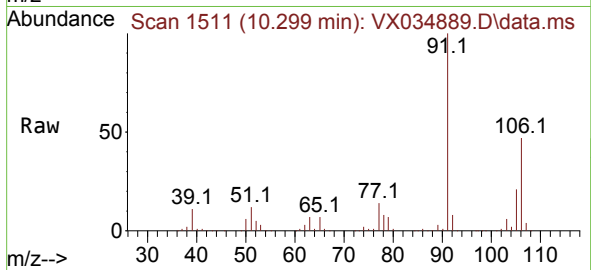




#67  
m/p-Xylenes  
Concen: 33.950 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

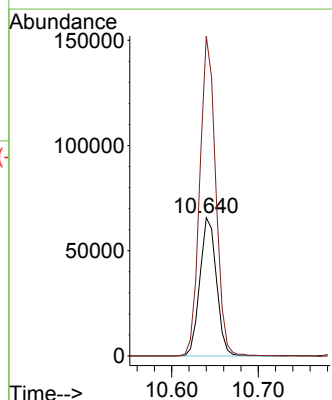
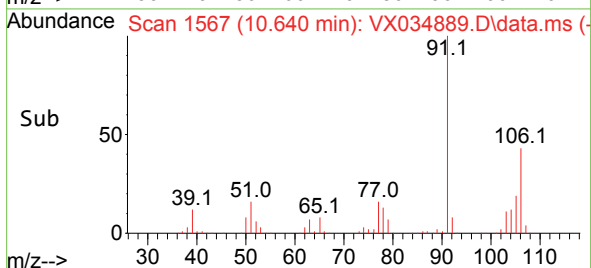
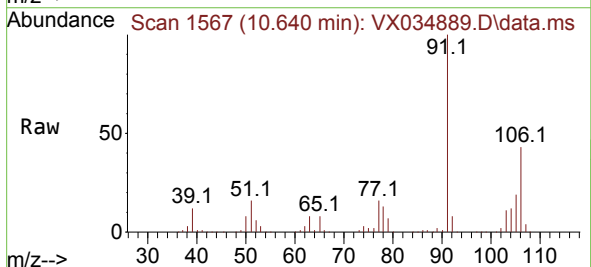
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

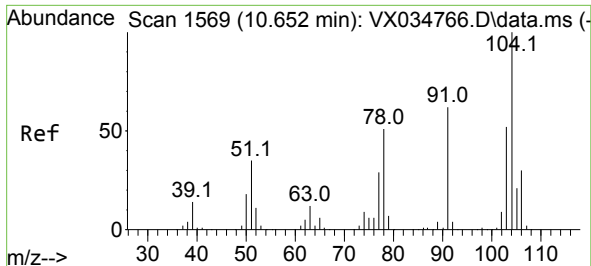
Tgt Ion:106 Resp: 174394  
Ion Ratio Lower Upper  
106 100  
91 212.8 167.4 251.2



#68  
o-Xylene  
Concen: 17.225 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion:106 Resp: 87498  
Ion Ratio Lower Upper  
106 100  
91 221.5 108.9 326.8

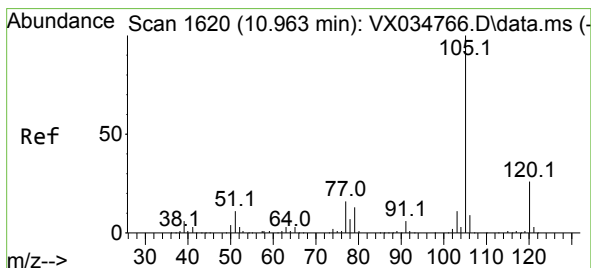
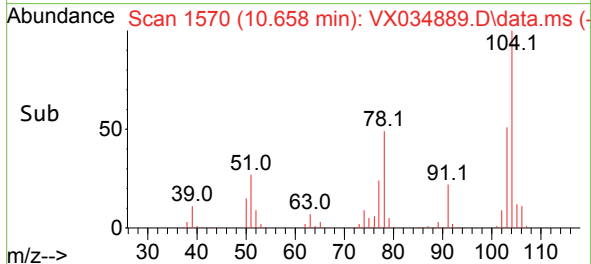
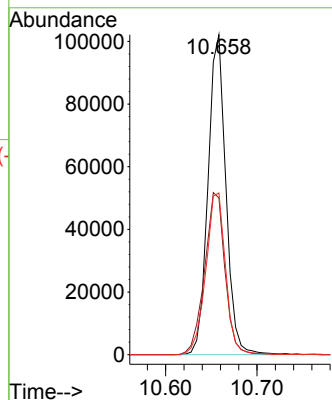
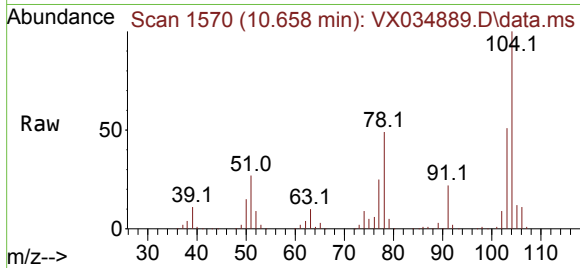




#69  
Styrene  
Concen: 16.535 ug/l  
RT: 10.658 min Scan# 1569  
Delta R.T. 0.006 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

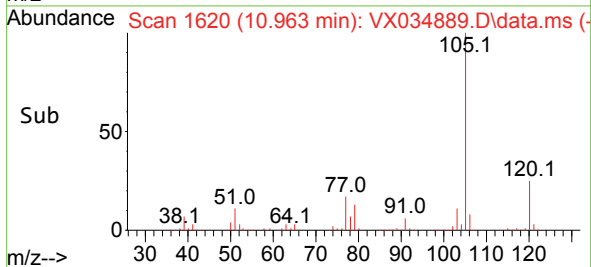
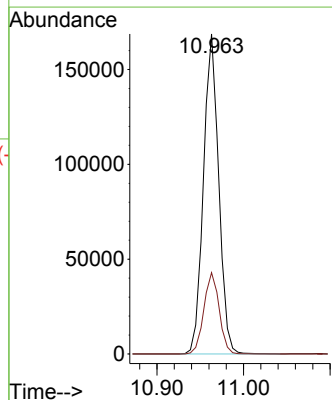
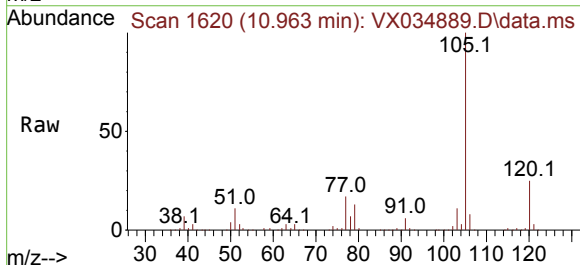
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

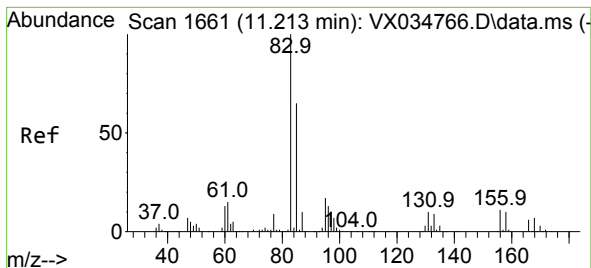
Tgt Ion:104 Resp: 138471  
Ion Ratio Lower Upper  
104 100  
78 58.0 42.8 64.2  
103 56.2 43.8 65.8



#70  
Isopropylbenzene  
Concen: 15.688 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion:105 Resp: 206249  
Ion Ratio Lower Upper  
105 100  
120 25.4 18.5 34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 15.468 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034889.D

Acq: 31 Mar 2023 19:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

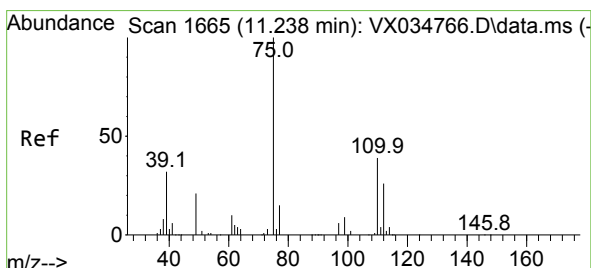
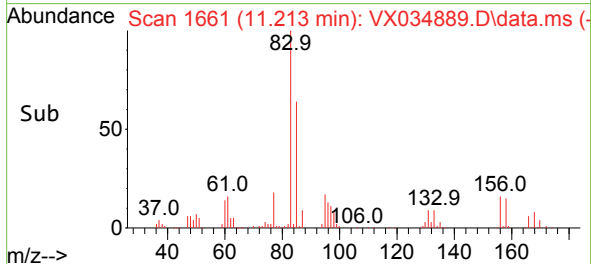
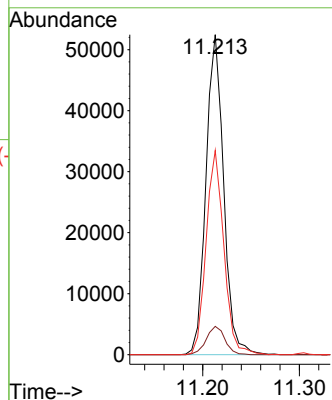
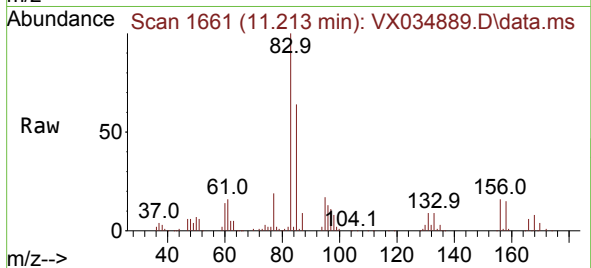
Tgt Ion: 83 Resp: 66846

Ion Ratio Lower Upper

83 100

131 9.4 5.1 15.2

85 64.0 31.9 95.5



#72

1,2,3-Trichloropropane

Concen: 17.097 ug/l

RT: 11.237 min Scan# 1665

Delta R.T. -0.001 min

Lab File: VX034889.D

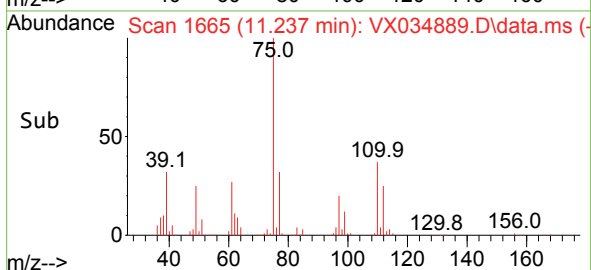
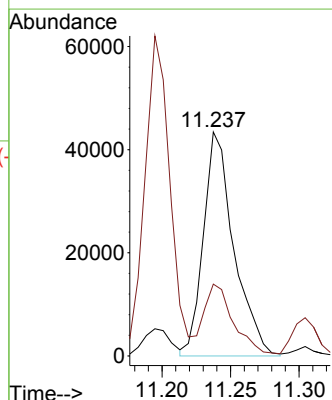
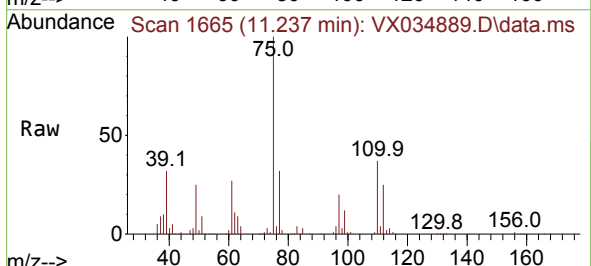
Acq: 31 Mar 2023 19:26

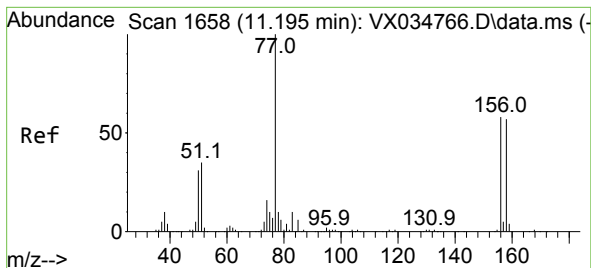
Tgt Ion: 75 Resp: 67257

Ion Ratio Lower Upper

75 100

77 32.6 0.0 73.8





#73

Bromobenzene

Concen: 14.935 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX034889.D

Acq: 31 Mar 2023 19:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

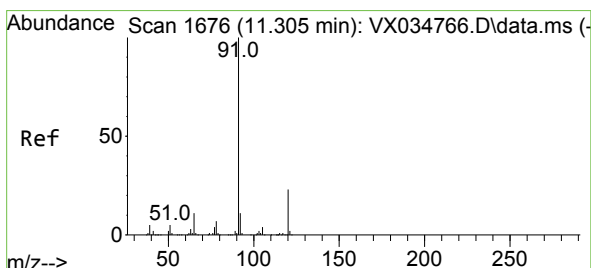
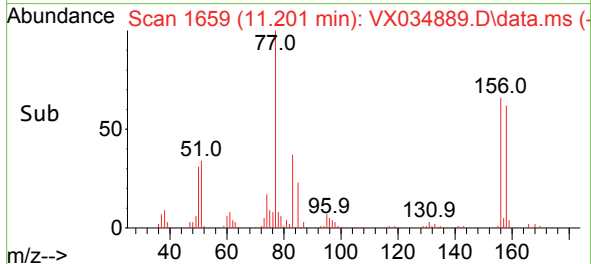
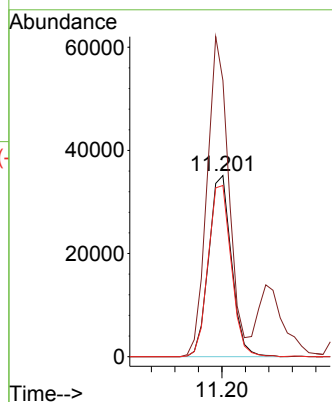
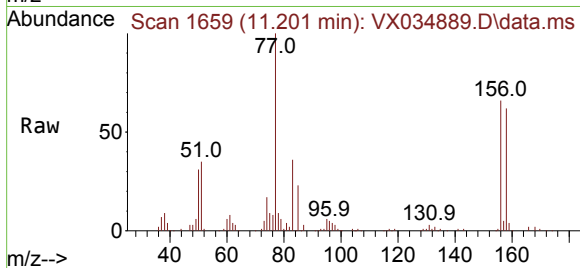
Tgt Ion:156 Resp: 47155

Ion Ratio Lower Upper

156 100

77 167.4 0.0 330.8

158 96.0 0.0 193.4



#74

n-propylbenzene

Concen: 14.822 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. -0.001 min

Lab File: VX034889.D

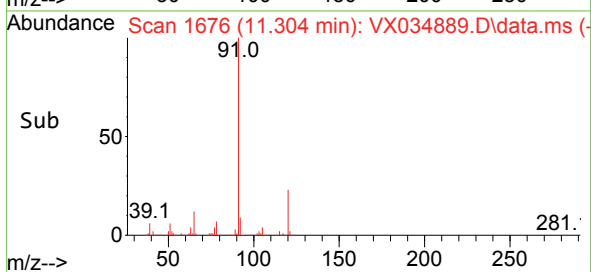
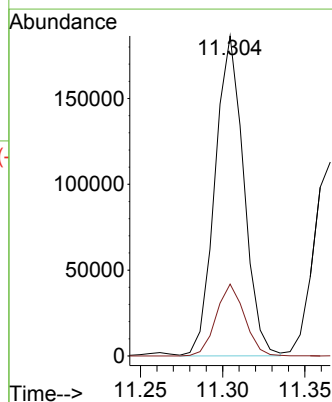
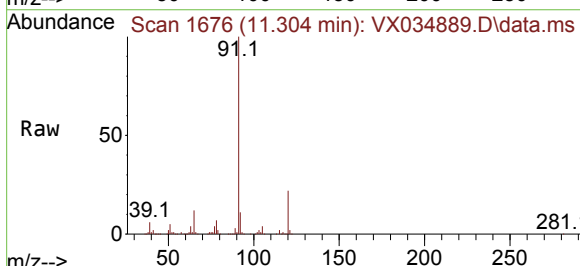
Acq: 31 Mar 2023 19:26

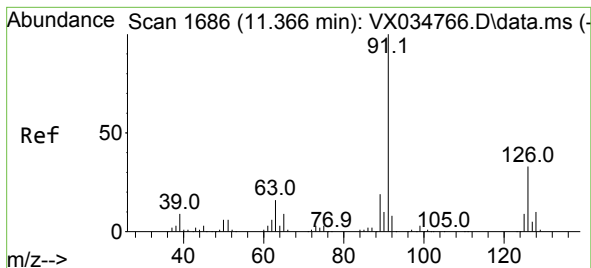
Tgt Ion: 91 Resp: 226845

Ion Ratio Lower Upper

91 100

120 22.1 0.0 44.8

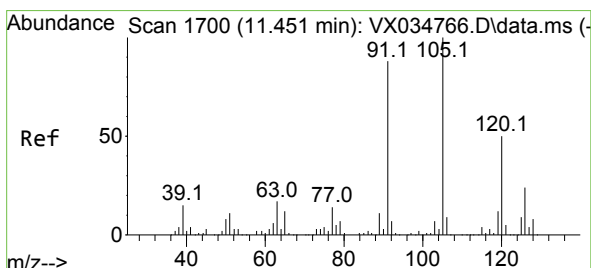
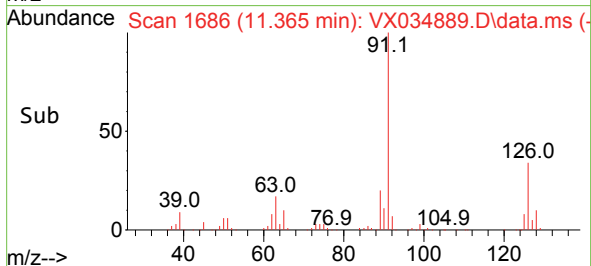
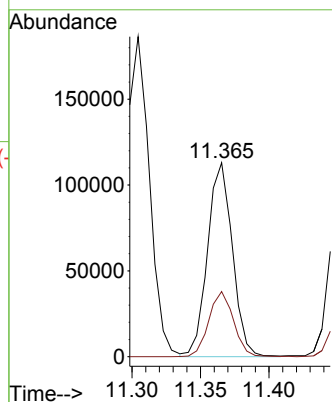
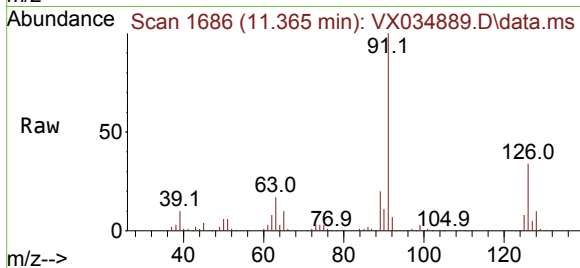




#75  
2-Chlorotoluene  
Concen: 14.966 ug/l  
RT: 11.365 min Scan# 1  
Delta R.T. -0.001 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

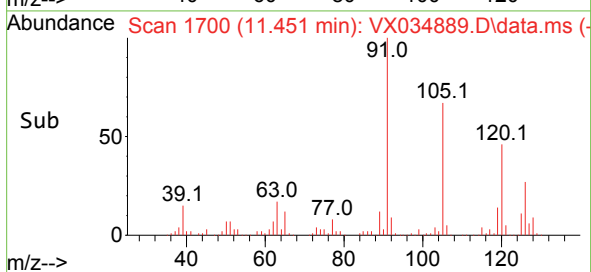
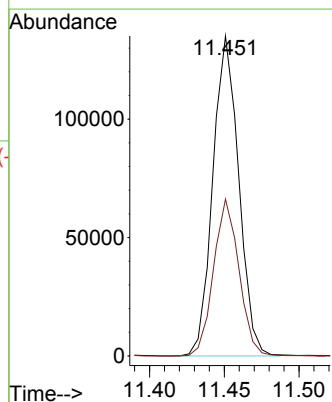
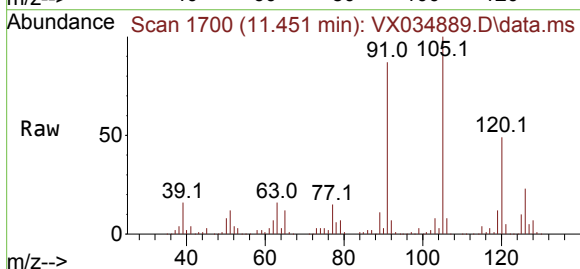
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

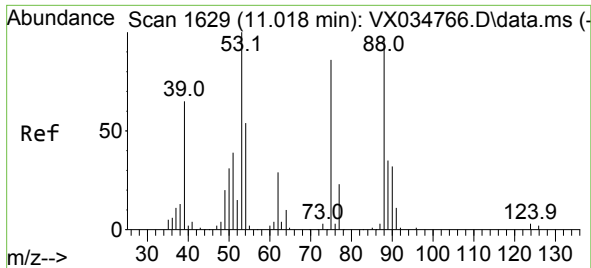
Tgt Ion: 91 Resp: 142790  
Ion Ratio Lower Upper  
91 100  
126 33.1 0.0 66.4



#76  
1,3,5-Trimethylbenzene  
Concen: 14.684 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 105 Resp: 162506  
Ion Ratio Lower Upper  
105 100  
120 48.1 0.0 96.4

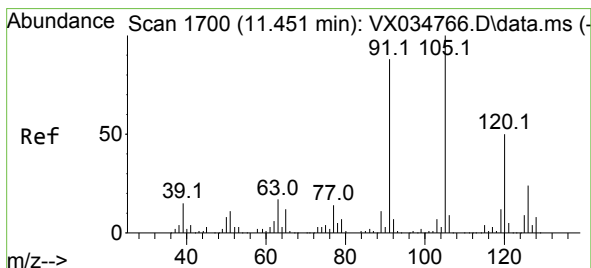
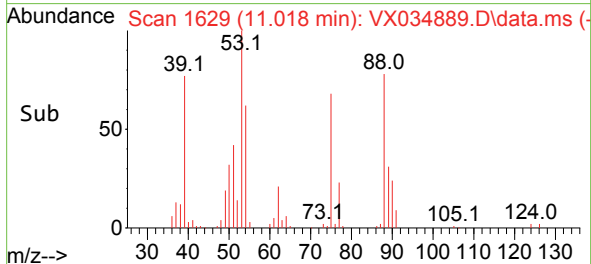
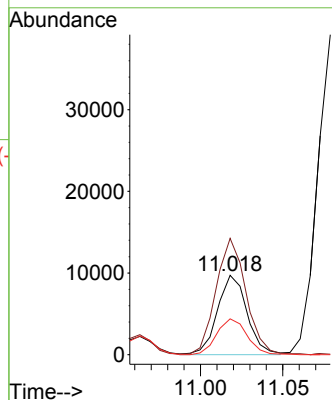
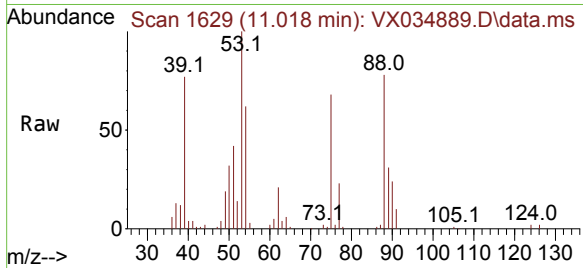




#77  
t-1,4-Dichloro-2-butene  
Concen: 10.084 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

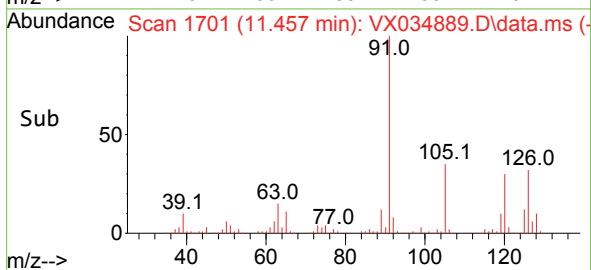
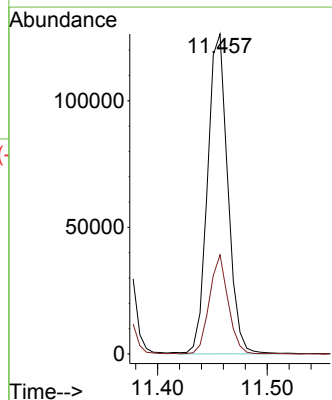
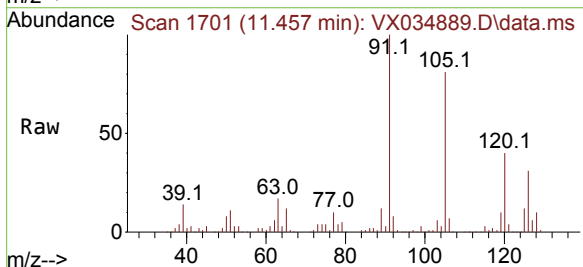
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

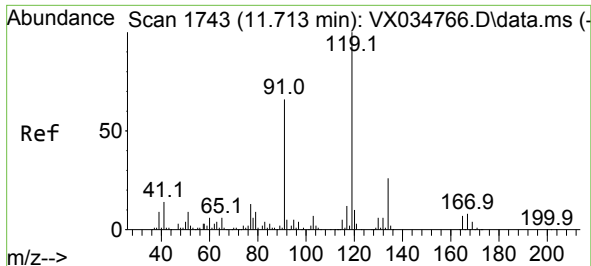
Tgt Ion: 75 Resp: 12182  
Ion Ratio Lower Upper  
75 100  
53 146.6 58.2 174.6  
89 45.6 20.6 61.8



#78  
4-Chlorotoluene  
Concen: 14.812 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 91 Resp: 162015  
Ion Ratio Lower Upper  
91 100  
126 28.7 0.0 56.8

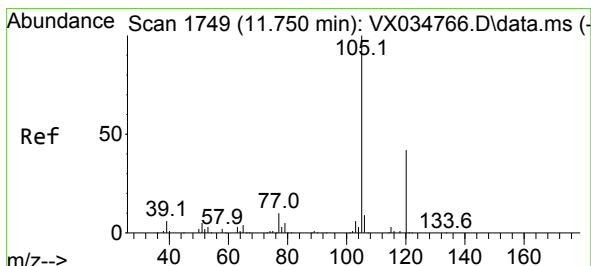
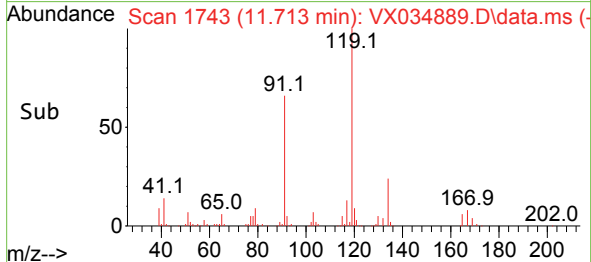
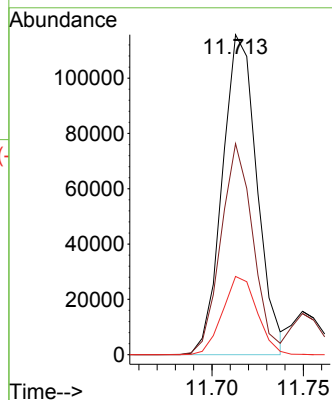
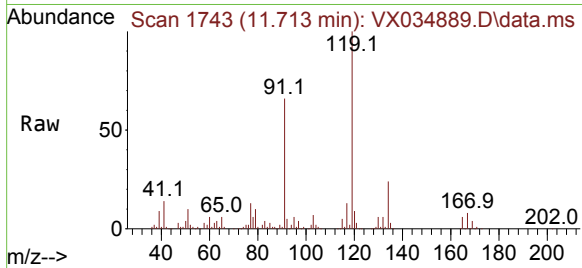




#79  
tert-butylbenzene  
Concen: 14.447 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

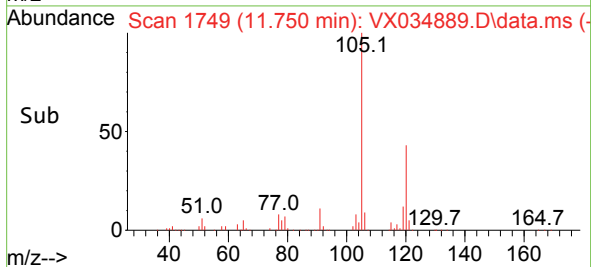
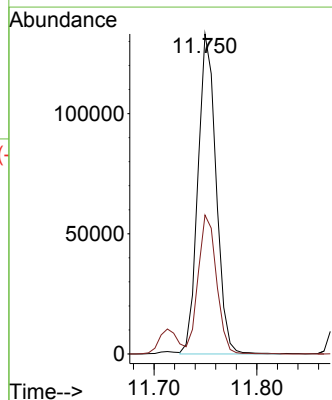
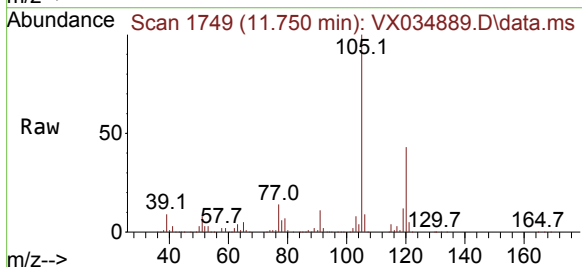
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

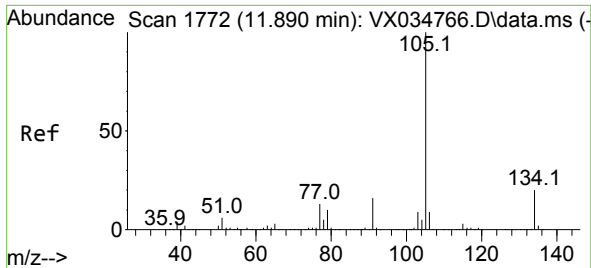
Tgt Ion:119 Resp: 152630  
Ion Ratio Lower Upper  
119 100  
91 61.6 0.0 122.4  
134 24.4 0.0 49.2



#80  
1,2,4-Trimethylbenzene  
Concen: 14.902 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion:105 Resp: 163883  
Ion Ratio Lower Upper  
105 100  
120 43.7 0.0 90.4

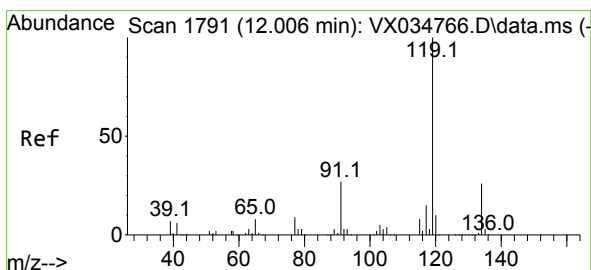
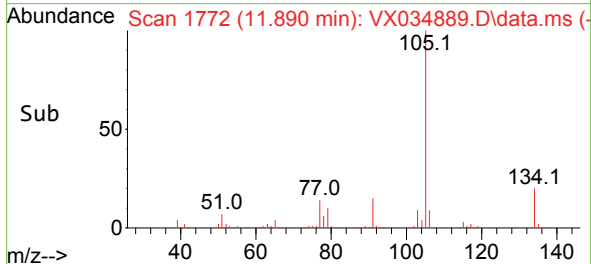
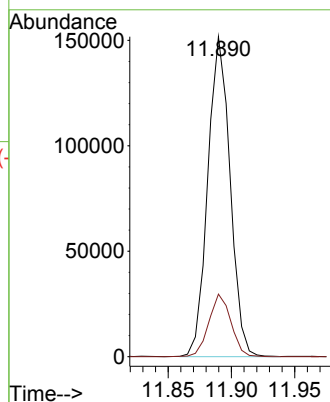
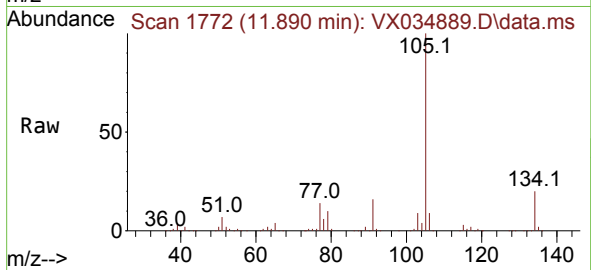




#81  
 sec-Butylbenzene  
 Concen: 14.540 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX034889.D  
 Acq: 31 Mar 2023 19:26

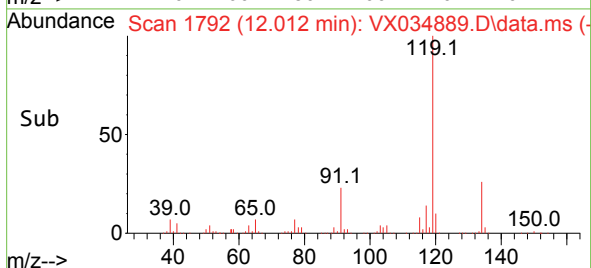
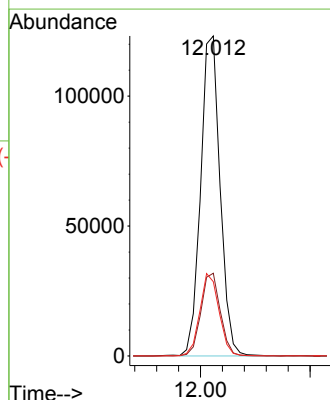
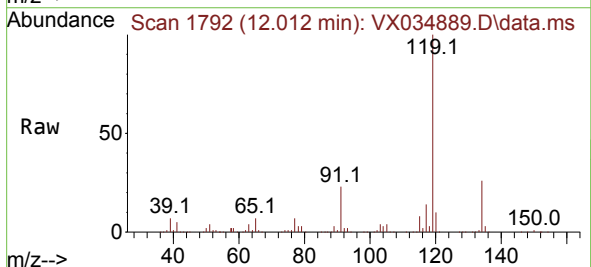
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020EC

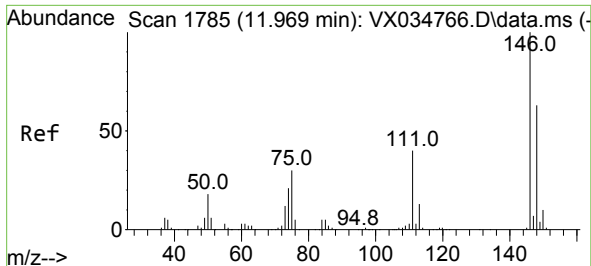
Tgt Ion:105 Resp: 186134  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 0.0 40.2



#82  
 p-Isopropyltoluene  
 Concen: 14.084 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.006 min  
 Lab File: VX034889.D  
 Acq: 31 Mar 2023 19:26

Tgt Ion:119 Resp: 152138  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 0.0 52.2  
 91 25.3 0.0 51.0

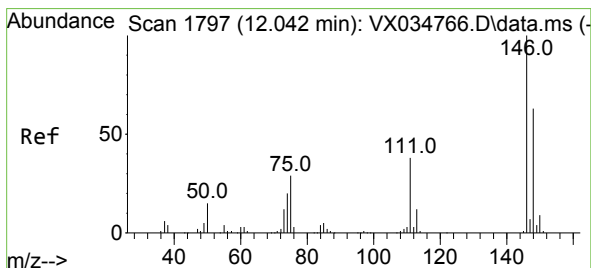
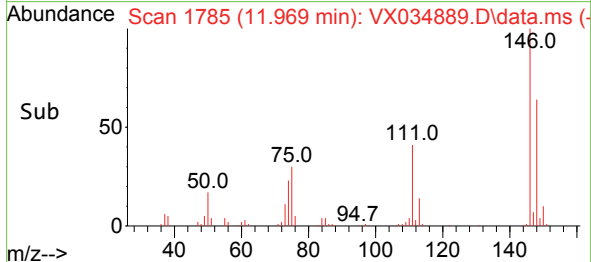
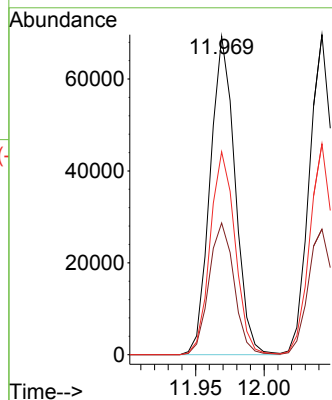
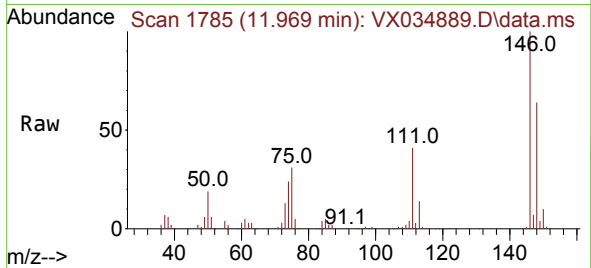




#83  
 1,3-Dichlorobenzene  
 Concen: 14.674 ug/l  
 RT: 11.969 min Scan# 1785  
 Delta R.T. -0.000 min  
 Lab File: VX034889.D  
 Acq: 31 Mar 2023 19:26

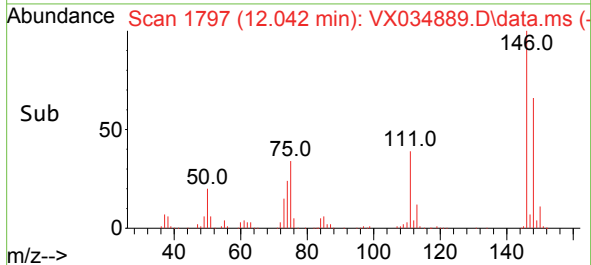
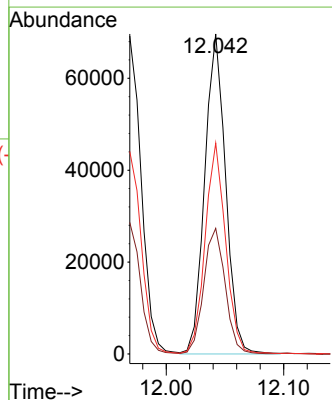
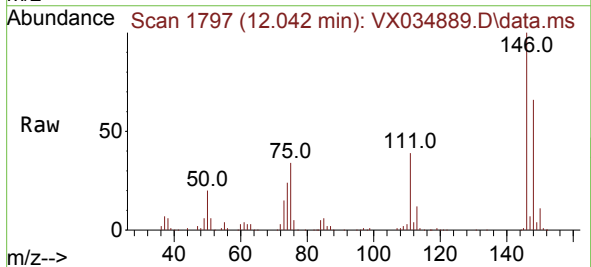
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020EC

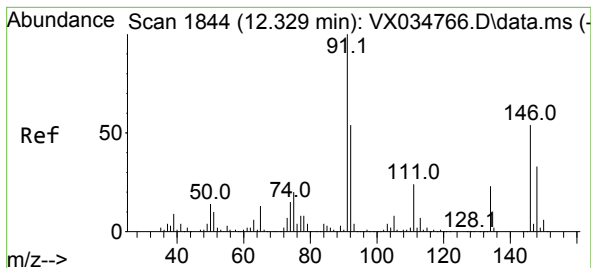
Tgt Ion:146 Resp: 87496  
 Ion Ratio Lower Upper  
 146 100  
 111 41.8 20.6 61.9  
 148 63.9 31.6 94.7



#84  
 1,4-Dichlorobenzene  
 Concen: 14.378 ug/l  
 RT: 12.042 min Scan# 1797  
 Delta R.T. 0.000 min  
 Lab File: VX034889.D  
 Acq: 31 Mar 2023 19:26

Tgt Ion:146 Resp: 86088  
 Ion Ratio Lower Upper  
 146 100  
 111 40.3 20.3 60.9  
 148 64.9 31.8 95.3





#85

n-Butylbenzene

Concen: 13.866 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX034889.D

Acq: 31 Mar 2023 19:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

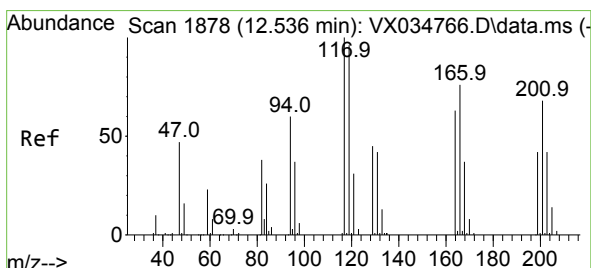
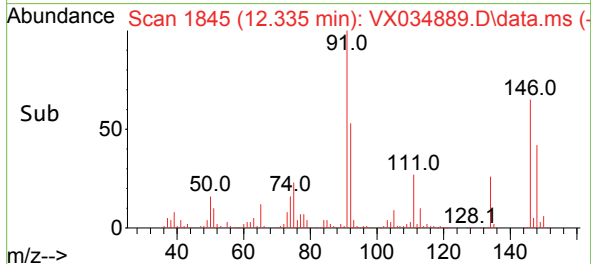
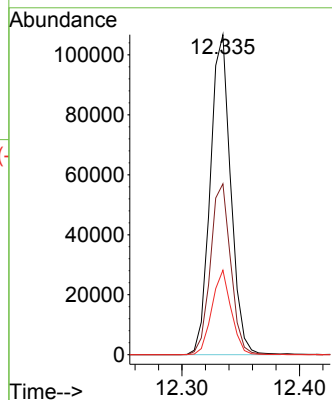
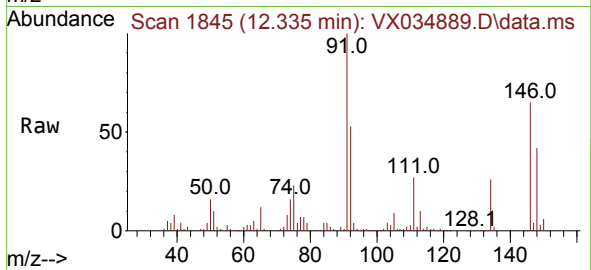
Tgt Ion: 91 Resp: 129093

Ion Ratio Lower Upper

91 100

92 53.0 0.0 107.6

134 25.0 0.0 49.8



#86

Hexachloroethane

Concen: 11.885 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX034889.D

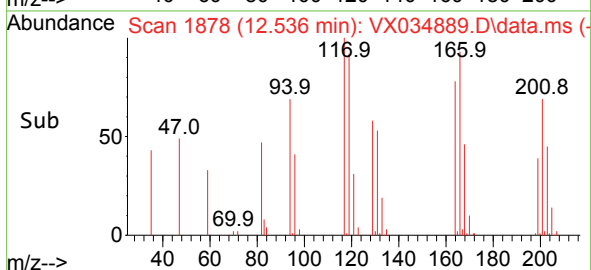
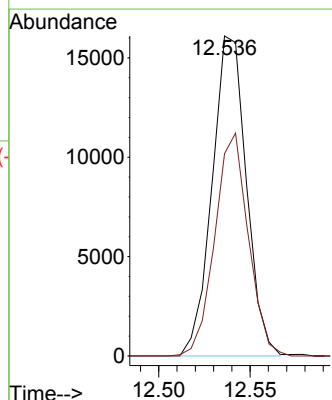
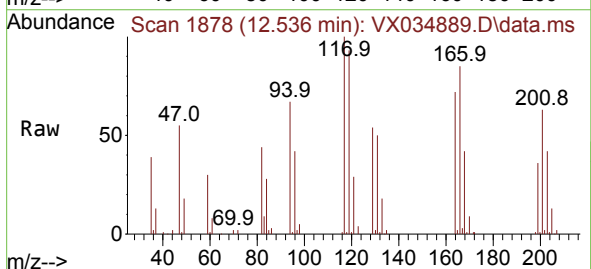
Acq: 31 Mar 2023 19:26

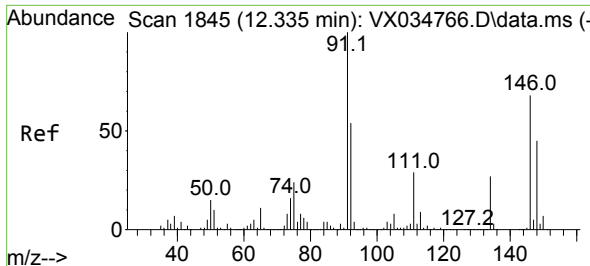
Tgt Ion: 117 Resp: 21029

Ion Ratio Lower Upper

117 100

201 68.0 35.4 106.2

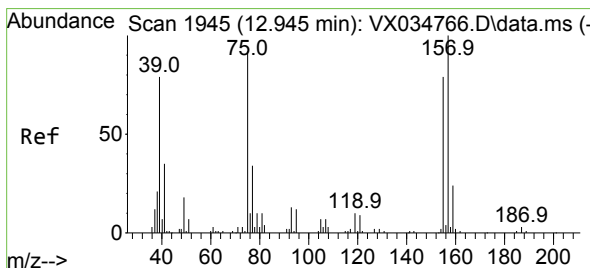
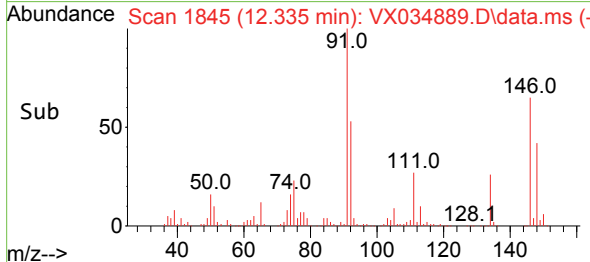
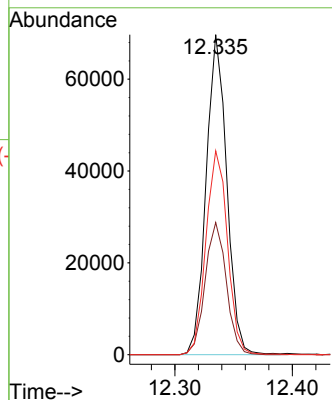
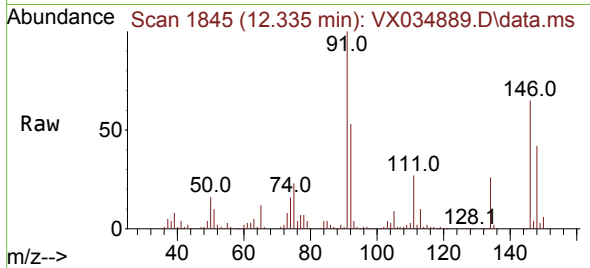




#87  
1,2-Dichlorobenzene  
Concen: 14.555 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

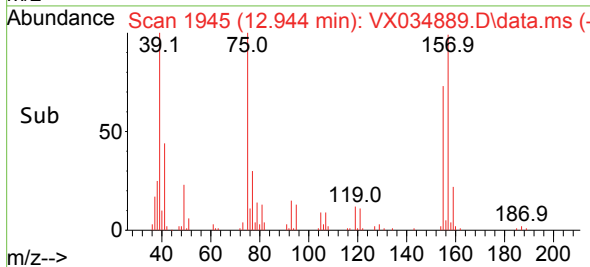
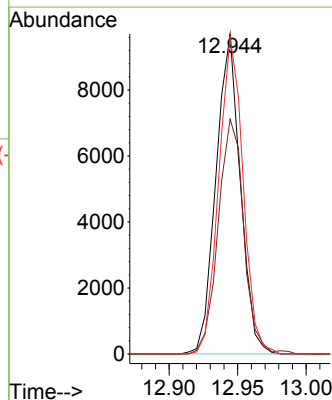
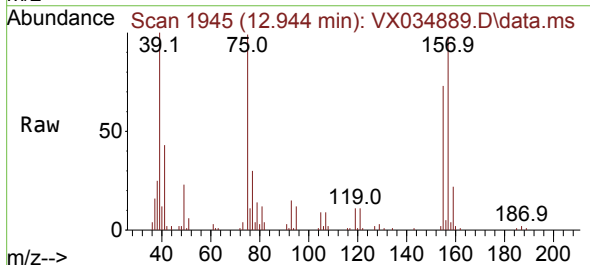
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

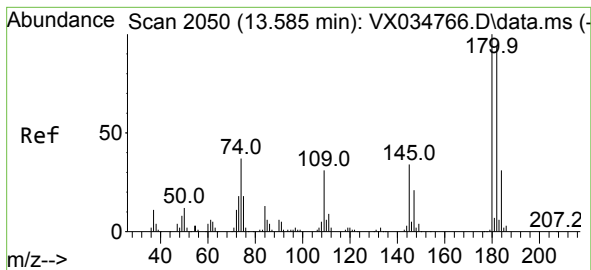
Tgt Ion:146 Resp: 84918  
Ion Ratio Lower Upper  
146 100  
111 42.6 21.3 64.0  
148 66.5 31.7 95.1



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 12.664 ug/l  
RT: 12.944 min Scan# 1945  
Delta R.T. -0.001 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion: 75 Resp: 11959  
Ion Ratio Lower Upper  
75 100  
155 76.5 63.7 95.5  
157 98.8 83.7 125.5





#89

1,2,4-Trichlorobenzene

Concen: 13.388 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX034889.D

Acq: 31 Mar 2023 19:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020EC

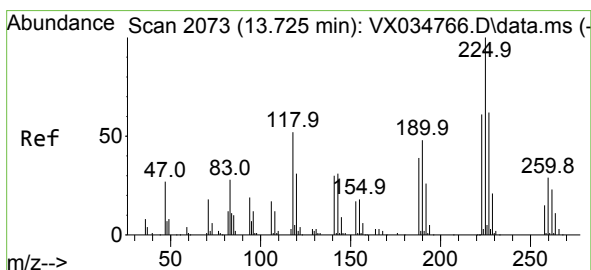
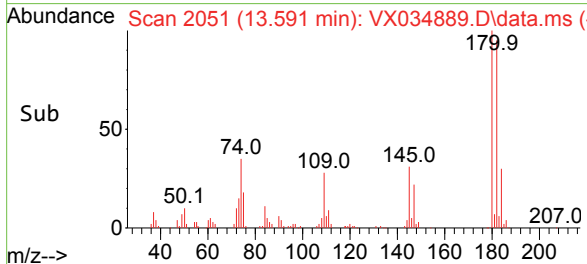
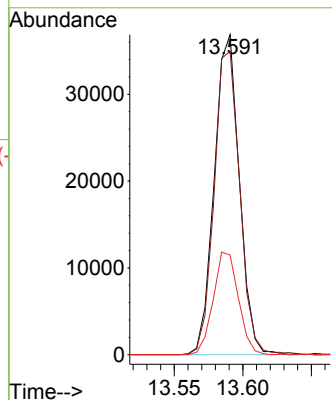
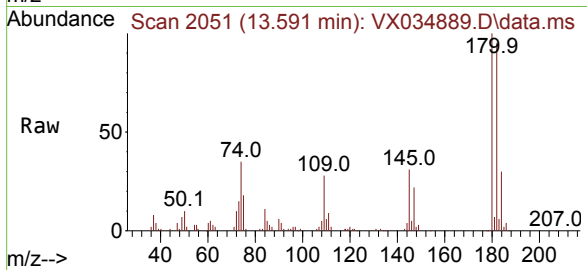
Tgt Ion:180 Resp: 46857

Ion Ratio Lower Upper

180 100

182 96.4 75.8 113.8

145 32.2 25.8 38.6



#90

Hexachlorobutadiene

Concen: 13.553 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX034889.D

Acq: 31 Mar 2023 19:26

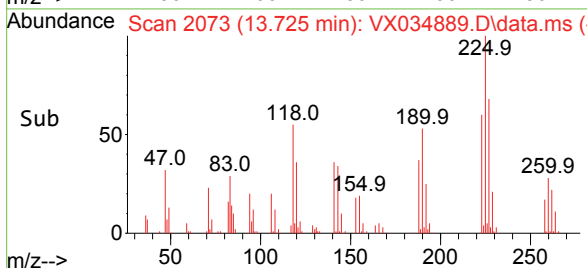
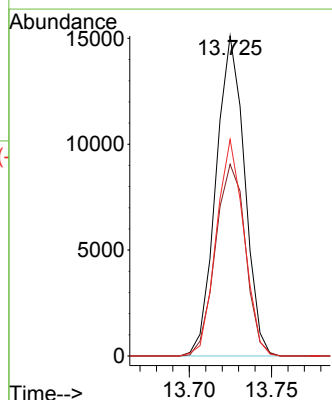
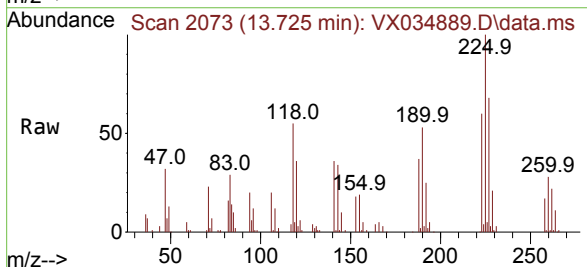
Tgt Ion:225 Resp: 18293

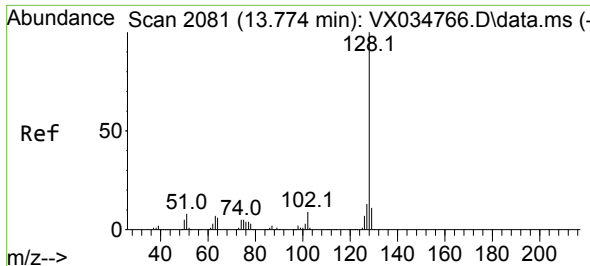
Ion Ratio Lower Upper

225 100

223 63.0 0.0 124.2

227 65.6 0.0 122.8

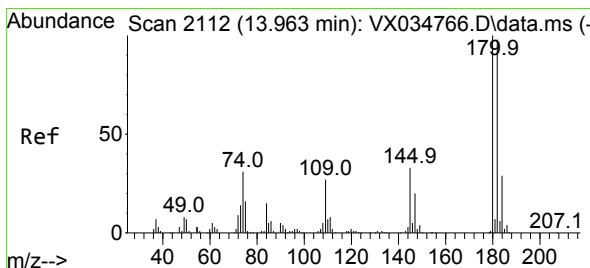
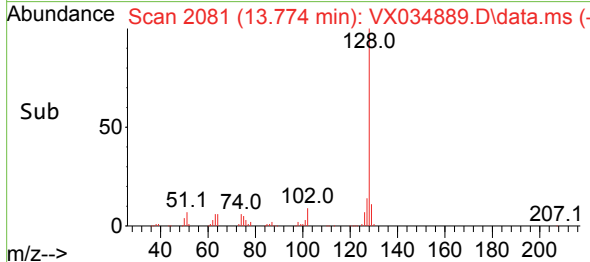
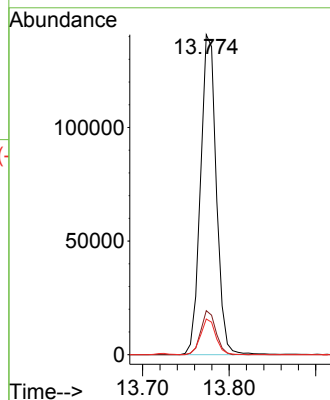
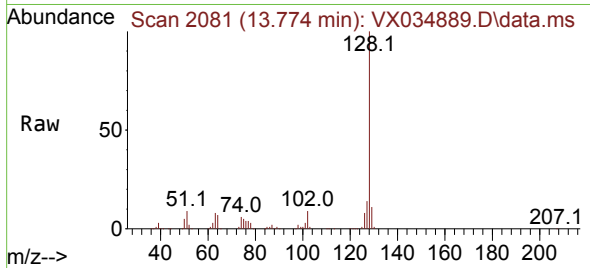




#91  
Naphthalene  
Concen: 14.467 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020EC

Tgt Ion:128 Resp: 178903  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.3 15.5  
129 10.8 8.8 13.2



#92  
1,2,3-Trichlorobenzene  
Concen: 13.843 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX034889.D  
Acq: 31 Mar 2023 19:26

Tgt Ion:180 Resp: 48435  
Ion Ratio Lower Upper  
180 100  
182 97.3 0.0 191.0  
145 34.7 0.0 66.8

