

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX033023\  
 Data File : VX034861.D  
 Acq On : 30 Mar 2023 18:33  
 Operator : JC/MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Mar 31 01:35:38 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 30 11:02:25 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 250395   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 420326   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 383664   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 195172   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 182650   | 47.696   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 95.400%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 135316   | 48.673   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 97.340%  |
| 50) Toluene-d8              | 8.647  | 98    | 515004   | 50.188   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 100.380% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 203110   | 51.149   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 102.300% |

|                              |       |     |         |         |      |     |
|------------------------------|-------|-----|---------|---------|------|-----|
| Target Compounds             |       |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 122292  | 49.920  | ug/l | 100 |
| 3) Chloromethane             | 1.294 | 50  | 155907  | 49.836  | ug/l | 100 |
| 4) Vinyl Chloride            | 1.373 | 62  | 155743  | 50.561  | ug/l | 97  |
| 5) Bromomethane              | 1.617 | 94  | 102661  | 51.028  | ug/l | 99  |
| 6) Chloroethane              | 1.691 | 64  | 108818  | 53.175  | ug/l | 98  |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 257759  | 51.826  | ug/l | 98  |
| 8) Diethyl Ether             | 2.129 | 74  | 90307   | 51.005  | ug/l | 95  |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 129755  | 49.427  | ug/l | 98  |
| 10) Methyl Iodide            | 2.453 | 142 | 162509  | 50.162  | ug/l | 95  |
| 11) Tert butyl alcohol       | 2.983 | 59  | 137786  | 205.964 | ug/l | 100 |
| 12) 1,1-Dichloroethene       | 2.318 | 96  | 125479  | 49.686  | ug/l | 91  |
| 13) Acrolein                 | 2.239 | 56  | 157246  | 227.351 | ug/l | 100 |
| 14) Allyl chloride           | 2.666 | 41  | 244310  | 48.864  | ug/l | 95  |
| 15) Acrylonitrile            | 3.062 | 53  | 379972  | 254.261 | ug/l | 99  |
| 16) Acetone                  | 2.386 | 43  | 344409  | 222.245 | ug/l | 97  |
| 17) Carbon Disulfide         | 2.514 | 76  | 304511  | 46.840  | ug/l | 99  |
| 18) Methyl Acetate           | 2.703 | 43  | 276519  | 50.519  | ug/l | 99  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 460582  | 48.623  | ug/l | 99  |
| 20) Methylene Chloride       | 2.788 | 84  | 144869  | 46.712  | ug/l | 99  |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 137158  | 48.350  | ug/l | 98  |
| 22) Diisopropyl ether        | 3.757 | 45  | 511152  | 50.781  | ug/l | 97  |
| 23) Vinyl Acetate            | 3.721 | 43  | 1880972 | 262.011 | ug/l | 97  |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 267937  | 49.289  | ug/l | 99  |
| 25) 2-Butanone               | 4.556 | 43  | 549564  | 244.376 | ug/l | 100 |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 208071  | 46.830  | ug/l | 98  |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 163190  | 49.867  | ug/l | 98  |
| 28) Bromochloromethane       | 4.897 | 49  | 130134  | 48.631  | ug/l | 98  |
| 29) Tetrahydrofuran          | 5.007 | 42  | 358362  | 254.671 | ug/l | 98  |
| 30) Chloroform               | 5.092 | 83  | 275678  | 50.347  | ug/l | 99  |
| 31) Cyclohexane              | 5.470 | 56  | 238829  | 51.219  | ug/l | 97  |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 236624  | 50.659  | ug/l | 98  |
| 36) 1,1-Dichloropropene      | 5.690 | 75  | 205774  | 50.125  | ug/l | 99  |
| 37) Ethyl Acetate            | 4.708 | 43  | 218822  | 50.728  | ug/l | 99  |
| 38) Carbon Tetrachloride     | 5.678 | 117 | 197865  | 50.744  | ug/l | 99  |
| 39) Methylcyclohexane        | 7.379 | 83  | 219778  | 50.365  | ug/l | 95  |
| 40) Benzene                  | 6.037 | 78  | 590038  | 49.892  | ug/l | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX033023\  
 Data File : VX034861.D  
 Acq On : 30 Mar 2023 18:33  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Mar 31 01:35:38 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 30 11:02:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 124593   | 52.285  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 232455   | 50.296  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 368427   | 51.078  | ug/l   | 99       |
| 44) Trichloroethene           | 7.122  | 130  | 151450   | 50.227  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 156385   | 51.491  | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 104350   | 50.121  | ug/l   | 100      |
| 47) Bromodichloromethane      | 7.817  | 83   | 203726   | 52.709  | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.689  | 41   | 183841   | 52.688  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 7.696  | 88   | 69322    | 974.577 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 1121711  | 264.676 | ug/l   | 98       |
| 52) Toluene                   | 8.720  | 92   | 375823   | 49.478  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 224253   | 53.239  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 239744   | 51.805  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 150563   | 52.258  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 241465   | 53.552  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 266016   | 51.817  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 587915   | 253.681 | ug/l   | 99       |
| 59) 2-Hexanone                | 9.427  | 43   | 849616   | 264.471 | ug/l   | 98       |
| 60) Dibromochloromethane      | 9.518  | 129  | 149257   | 53.718  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 157899   | 52.682  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 130206   | 47.537  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 395246   | 50.058  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 143476   | 51.815  | ug/l   | 100      |
| 67) Ethyl Benzene             | 10.195 | 91   | 735764   | 51.052  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 554382   | 101.647 | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 272765   | 50.346  | ug/l   | 98       |
| 70) Styrene                   | 10.652 | 104  | 452877   | 52.401  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 99516    | 46.354  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 703804   | 49.862  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 339380   | 52.369  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 234171   | 50.332  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 252917   | 63.285  | ug/l   | 83       |
| 77) Bromobenzene              | 11.195 | 156  | 169448   | 49.093  | ug/l   | 99       |
| 78) n-propylbenzene           | 11.305 | 91   | 825087   | 50.629  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 508981   | 48.670  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 588341   | 49.456  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 62711    | 44.315  | ug/l   | 87       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 592653   | 49.330  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 553663   | 50.178  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 603523   | 50.383  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 682718   | 50.031  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 570961   | 50.386  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 317341   | 49.167  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 321788   | 48.229  | ug/l   | 100      |
| 89) n-Butylbenzene            | 12.329 | 91   | 497783   | 50.390  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 92328    | 49.469  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 312008   | 48.866  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 51055    | 47.522  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 182095   | 49.350  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 71156    | 49.106  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 647908   | 49.920  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 180000   | 48.786  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX033023\  
Data File : VX034861.D  
Acq On : 30 Mar 2023 18:33  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 23 Sample Multiplier: 1

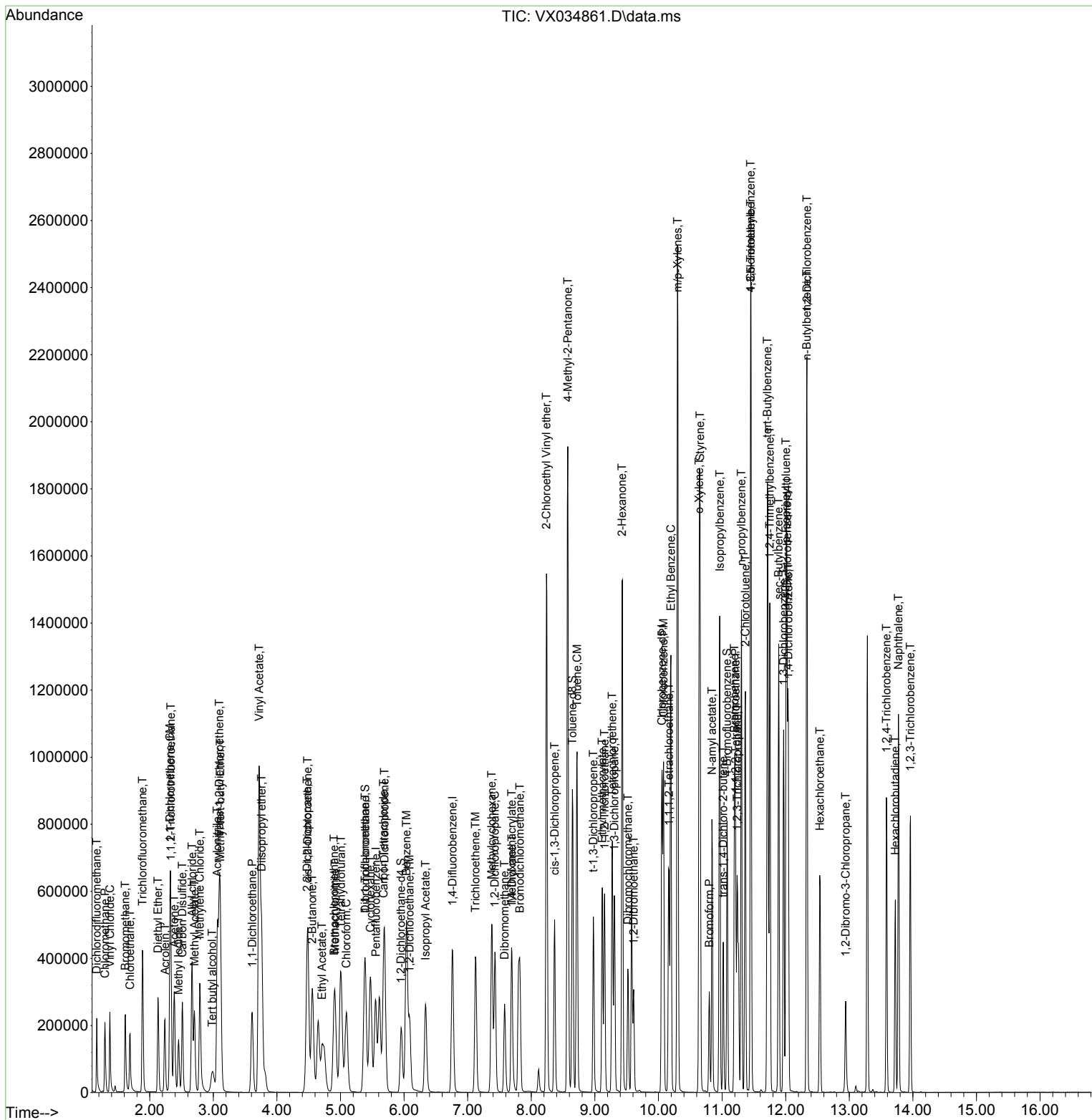
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

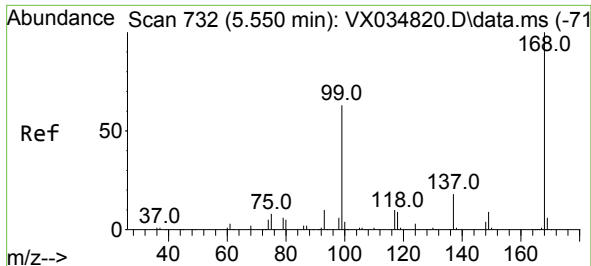
Quant Time: Mar 31 01:35:38 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 30 11:02:25 2023  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

Quant Time: Mar 31 01:35:38 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 30 11:02:25 2023  
Response via : Initial Calibration

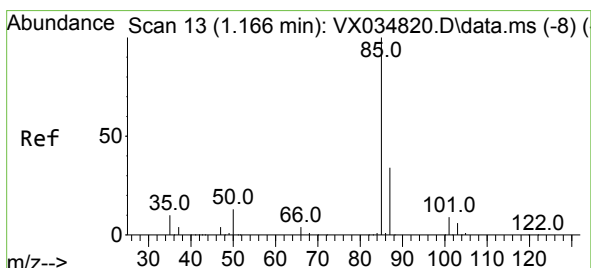
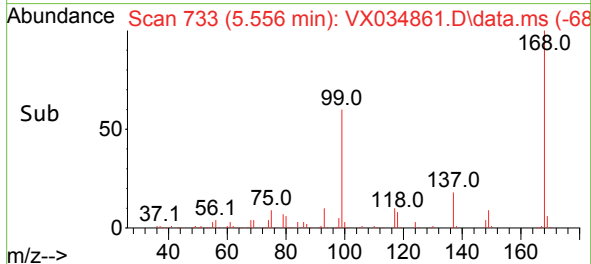
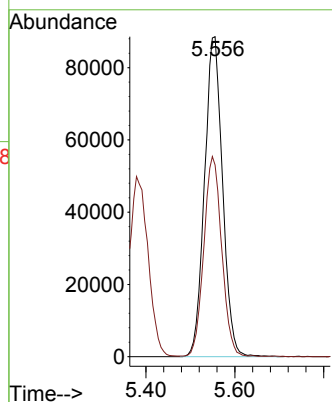
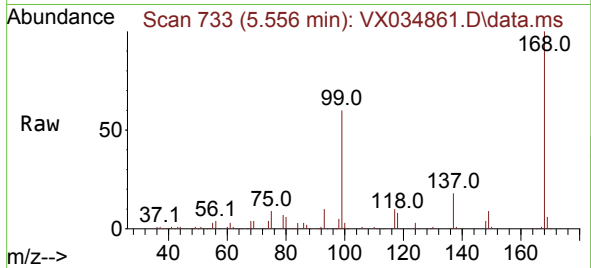




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

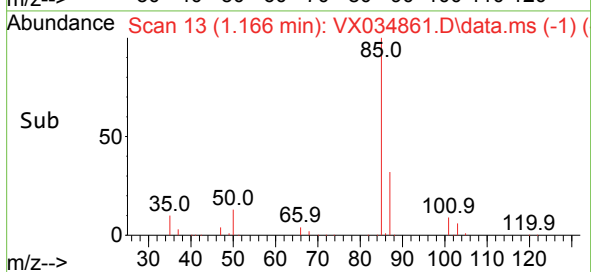
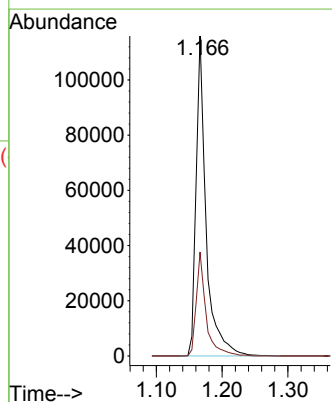
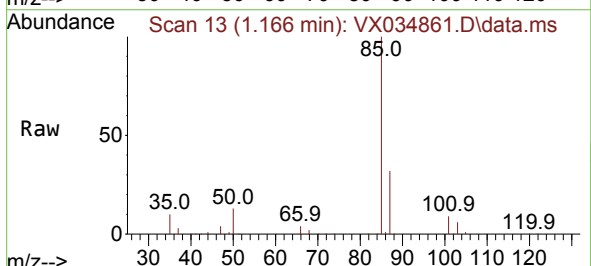
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

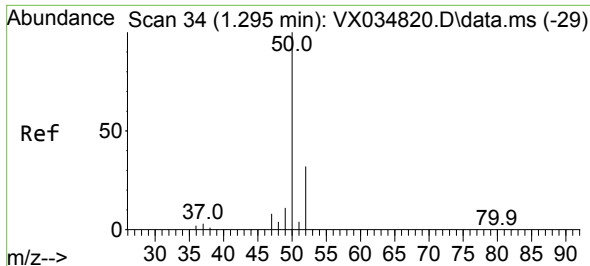
Tgt Ion:168 Resp: 250395  
Ion Ratio Lower Upper  
168 100  
99 59.8 45.7 68.5



#2  
Dichlorodifluoromethane  
Concen: 49.920 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 85 Resp: 122292  
Ion Ratio Lower Upper  
85 100  
87 32.4 16.4 49.1

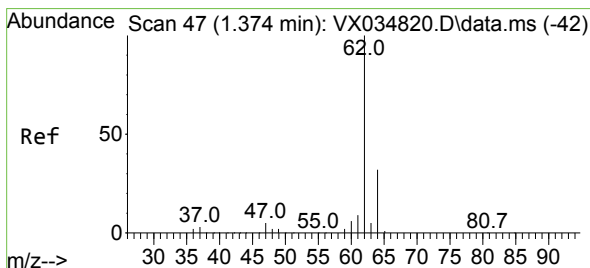
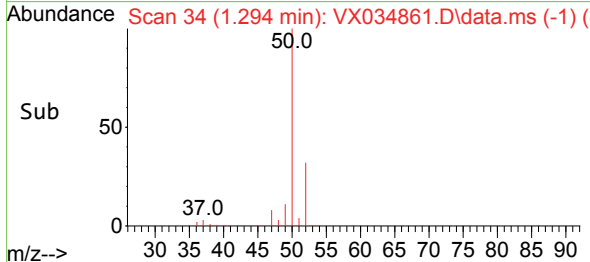
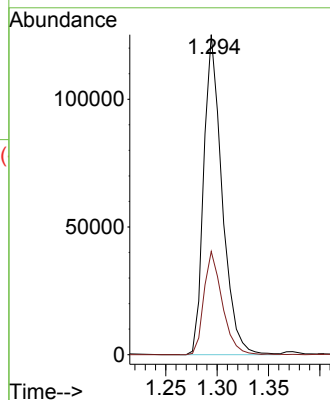
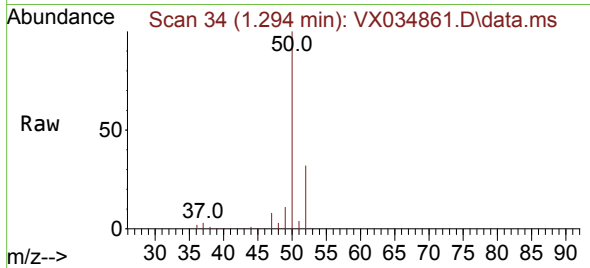




#3  
Chloromethane  
Concen: 49.836 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

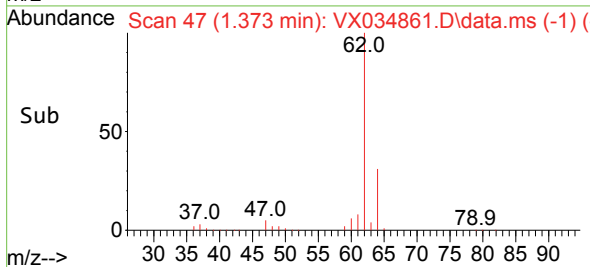
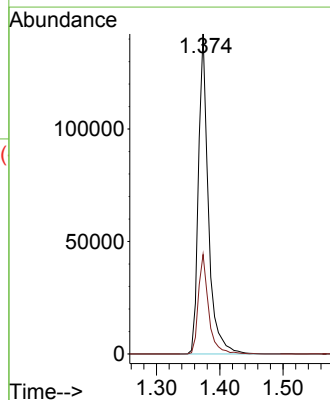
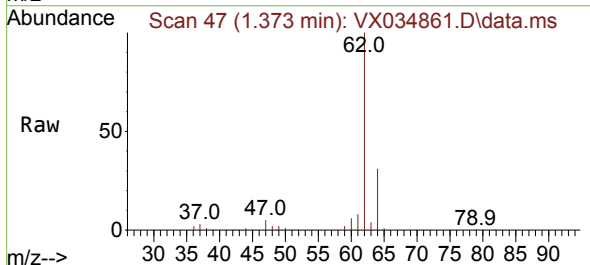
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

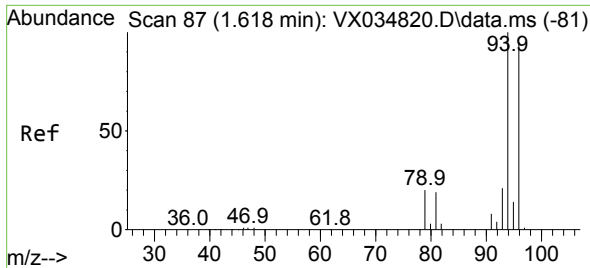
Tgt Ion: 50 Resp: 155907  
Ion Ratio Lower Upper  
50 100  
52 32.2 25.9 38.9



#4  
Vinyl Chloride  
Concen: 50.561 ug/l  
RT: 1.373 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 62 Resp: 155743  
Ion Ratio Lower Upper  
62 100  
64 31.1 26.4 39.6

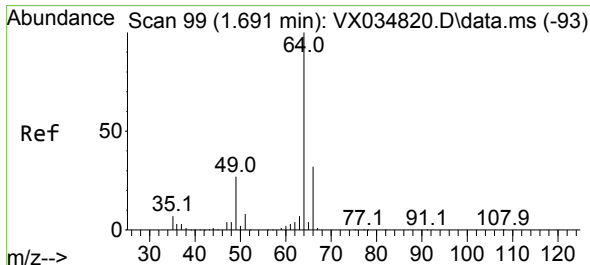
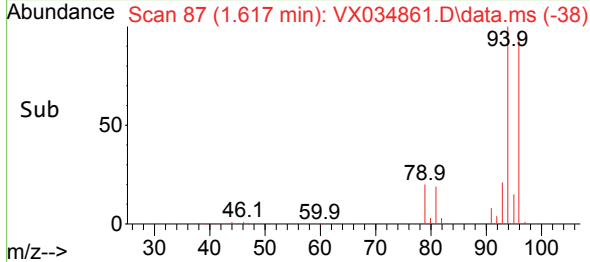
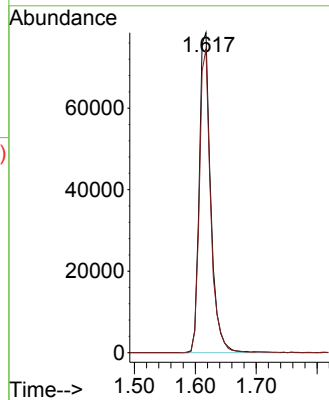
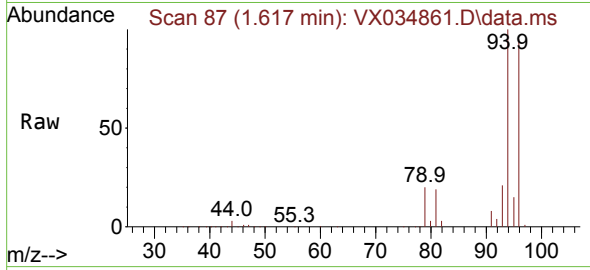




#5  
Bromomethane  
Concen: 51.028 ug/l  
RT: 1.617 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

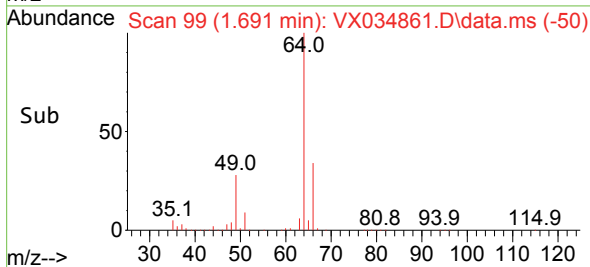
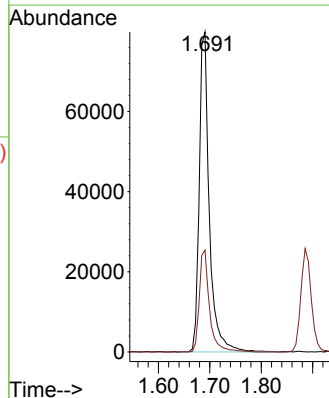
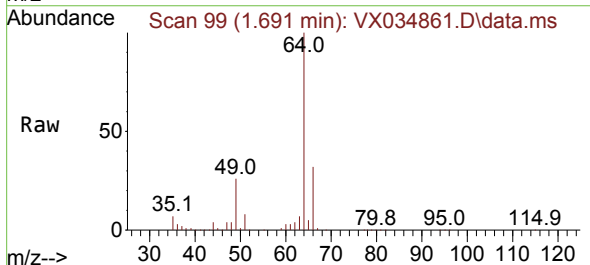
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

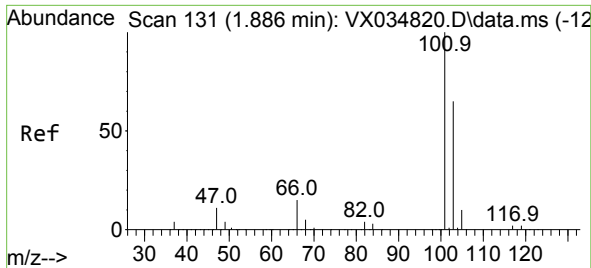
Tgt Ion: 94 Resp: 102661  
Ion Ratio Lower Upper  
94 100  
96 94.9 77.0 115.6



#6  
Chloroethane  
Concen: 53.175 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 64 Resp: 108818  
Ion Ratio Lower Upper  
64 100  
66 31.8 26.2 39.4

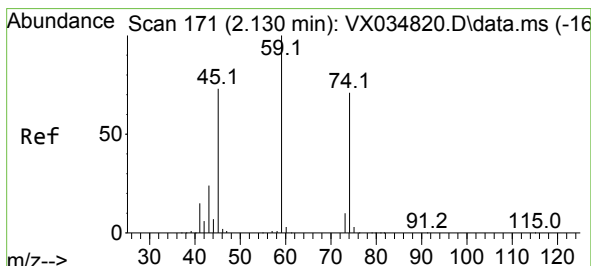
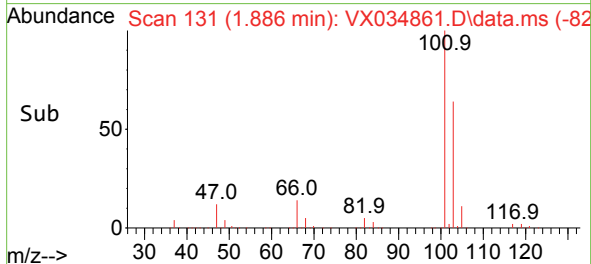
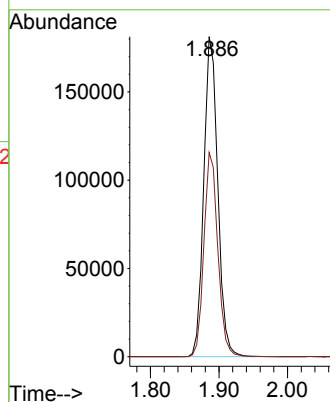
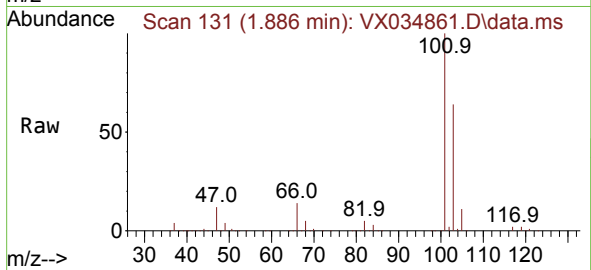




#7  
 Trichlorofluoromethane  
 Concen: 51.826 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX034861.D  
 Acq: 30 Mar 2023 18:33

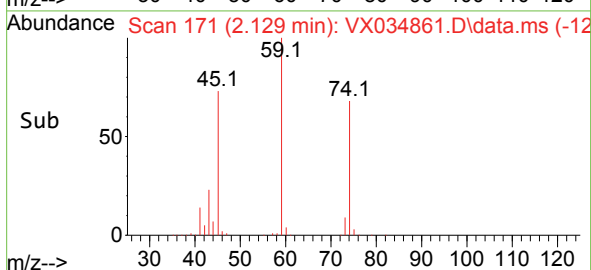
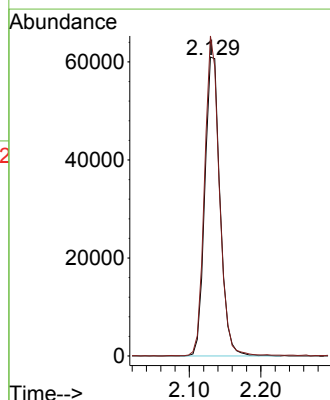
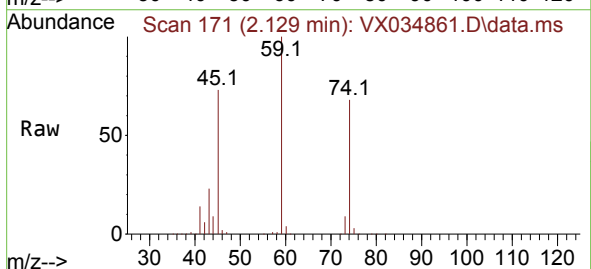
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:101 Resp: 257759  
 Ion Ratio Lower Upper  
 101 100  
 103 63.8 52.0 78.0

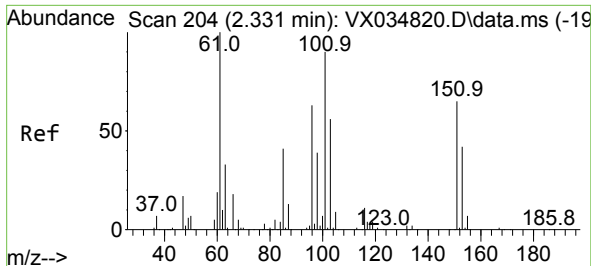


#8  
 Diethyl Ether  
 Concen: 51.005 ug/l  
 RT: 2.129 min Scan# 171  
 Delta R.T. -0.000 min  
 Lab File: VX034861.D  
 Acq: 30 Mar 2023 18:33

Tgt Ion: 74 Resp: 90307  
 Ion Ratio Lower Upper  
 74 100  
 45 104.1 49.8 149.3



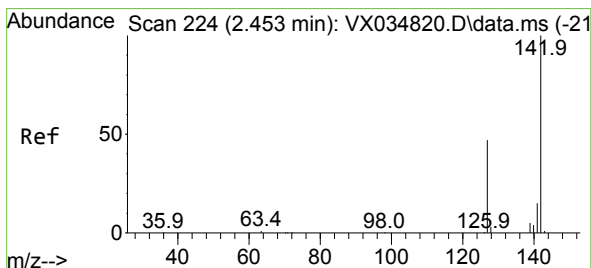
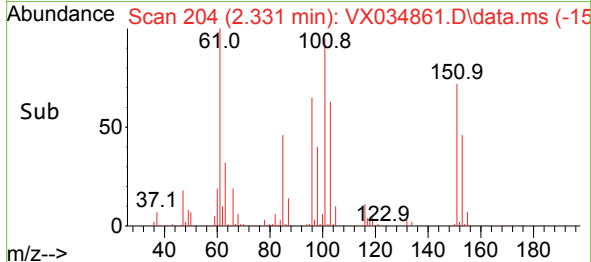
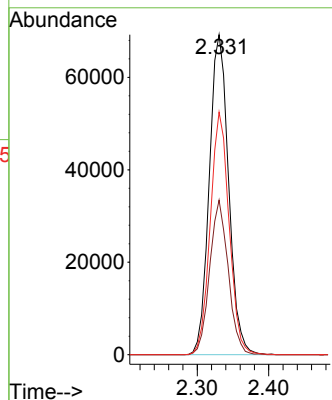
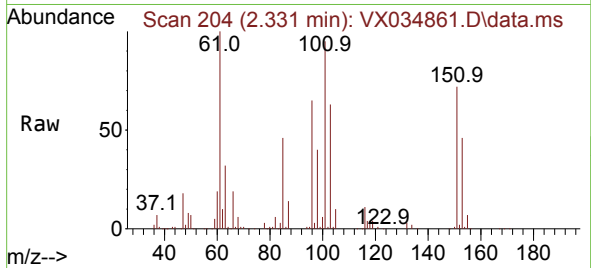




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.427 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

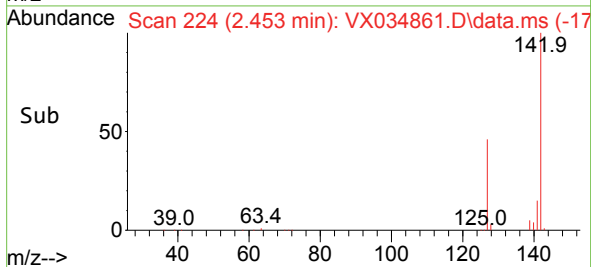
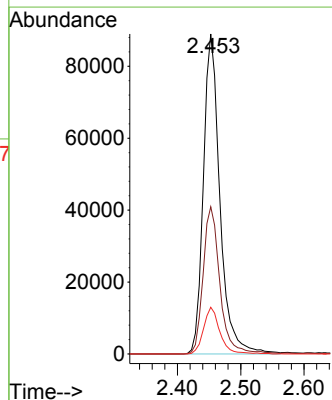
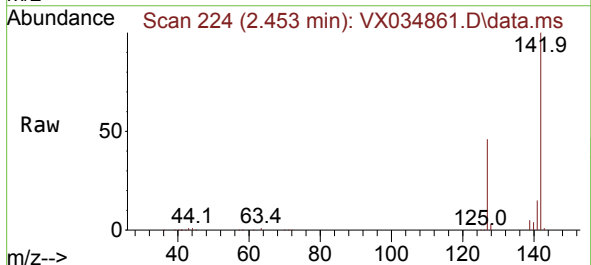
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

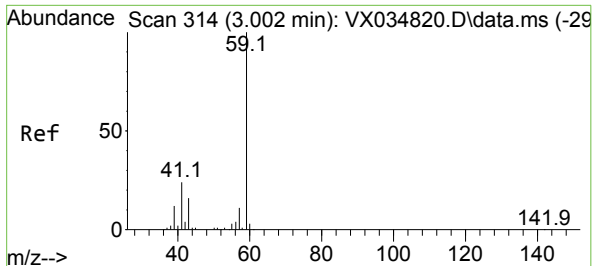
Tgt Ion:101 Resp: 129755  
Ion Ratio Lower Upper  
101 100  
85 46.5 35.4 53.2  
151 74.1 60.2 90.4



#10  
Methyl Iodide  
Concen: 50.162 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion:142 Resp: 162509  
Ion Ratio Lower Upper  
142 100  
127 46.6 34.0 51.0  
141 14.4 11.1 16.7





#11

Tert butyl alcohol

Concen: 205.964 ug/l

RT: 2.983 min Scan# 311

Delta R.T. -0.019 min

Lab File: VX034861.D

Acq: 30 Mar 2023 18:33

Instrument :

MSVOA\_X

ClientSampleId :

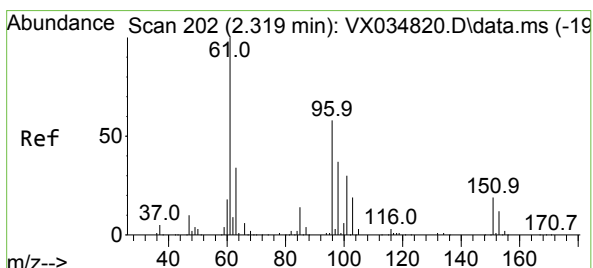
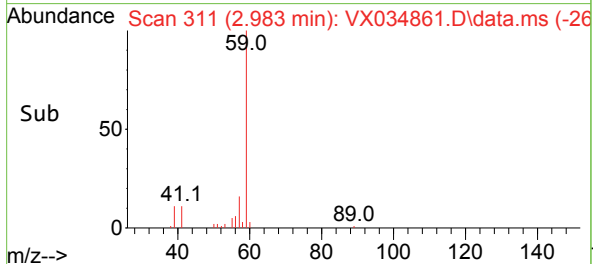
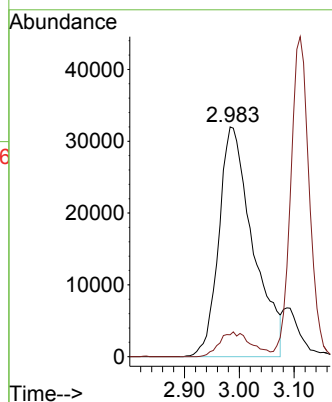
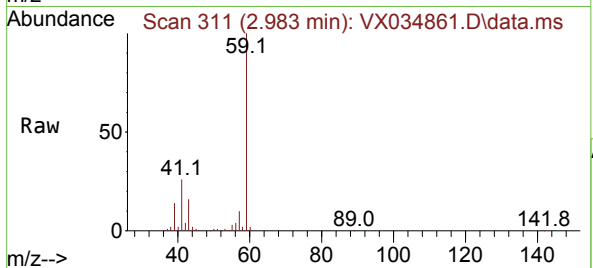
VSTDCCC050EC

Tgt Ion: 59 Resp: 137786

Ion Ratio Lower Upper

59 100

57 10.0 8.1 12.1



#12

1,1-Dichloroethene

Concen: 49.686 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX034861.D

Acq: 30 Mar 2023 18:33

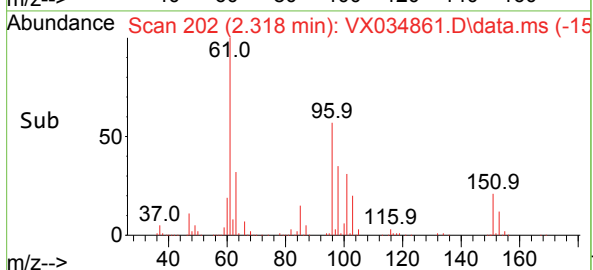
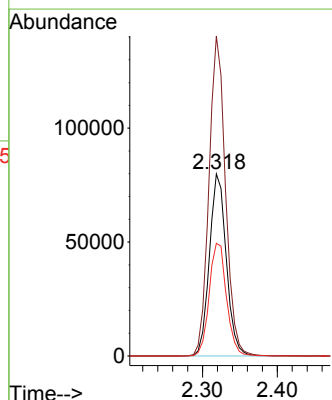
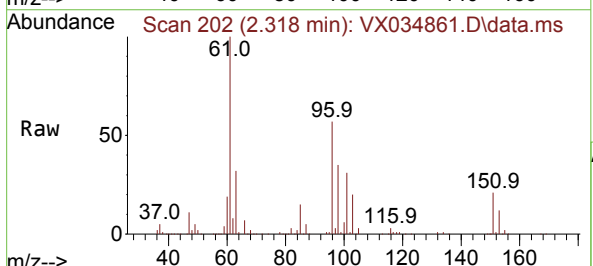
Tgt Ion: 96 Resp: 125479

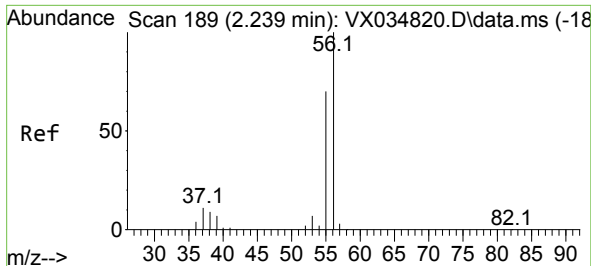
Ion Ratio Lower Upper

96 100

61 175.7 128.8 193.2

98 61.9 51.4 77.0

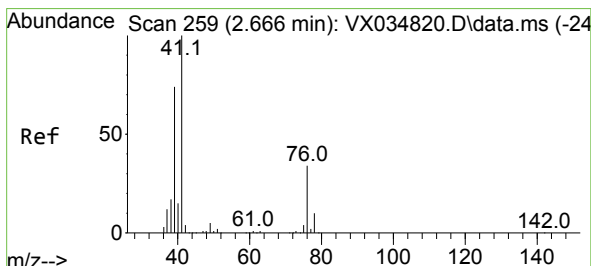
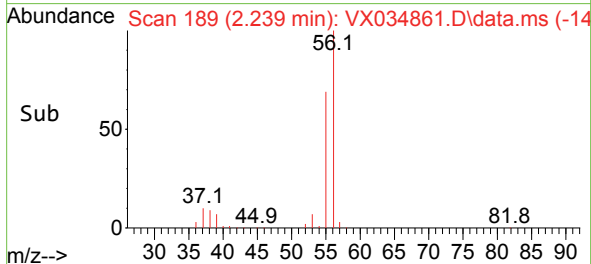
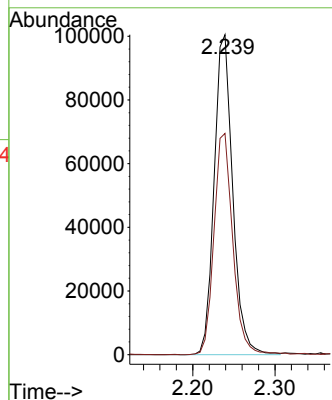
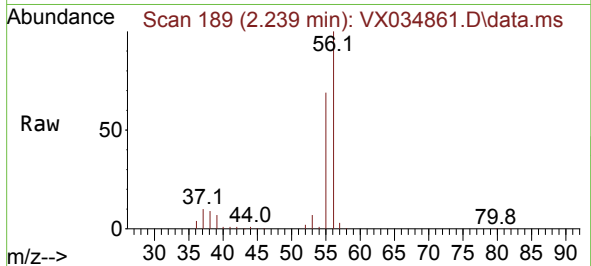




#13  
Acrolein  
Concen: 227.351 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

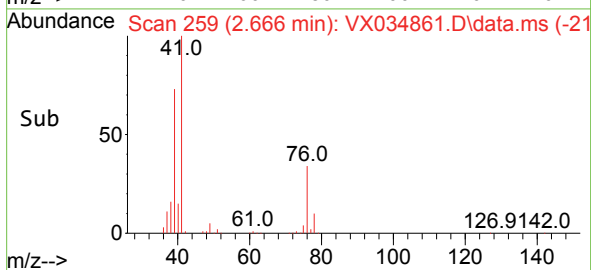
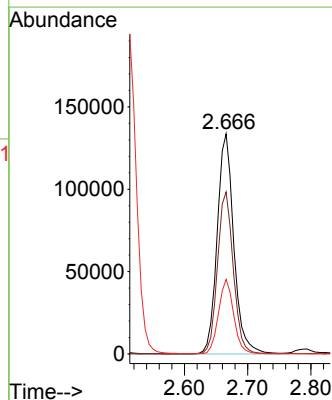
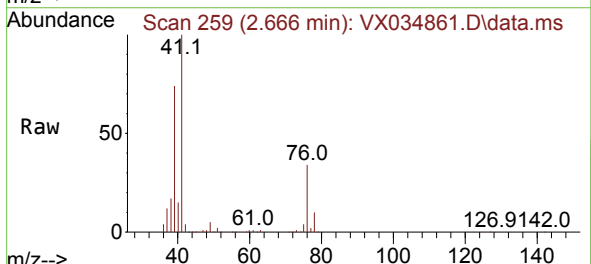
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

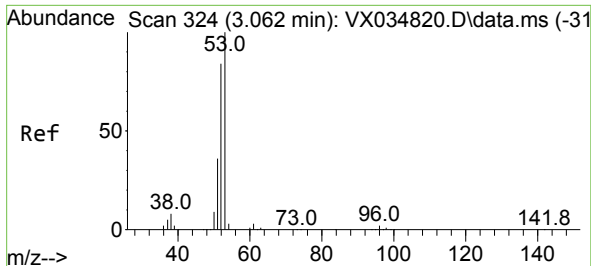
Tgt Ion: 56 Resp: 157246  
Ion Ratio Lower Upper  
56 100  
55 70.4 56.6 85.0



#14  
Allyl chloride  
Concen: 48.864 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 41 Resp: 244310  
Ion Ratio Lower Upper  
41 100  
39 69.9 52.4 78.6  
76 31.0 26.0 39.0

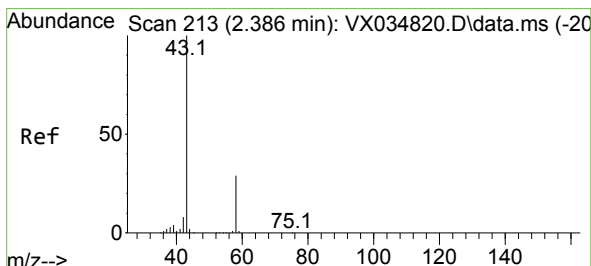
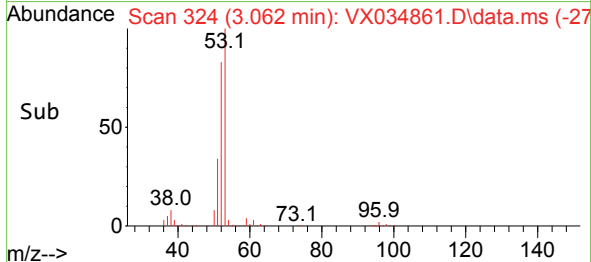
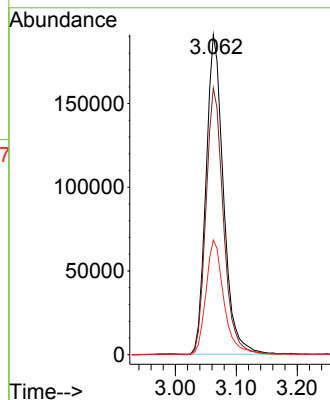
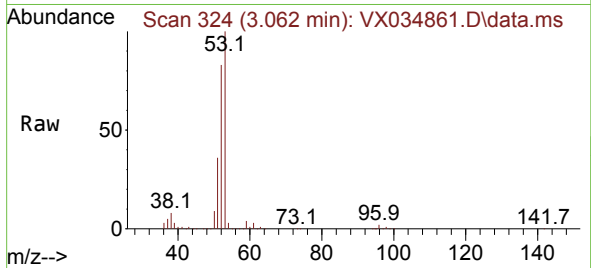




#15  
Acrylonitrile  
Concen: 254.261 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

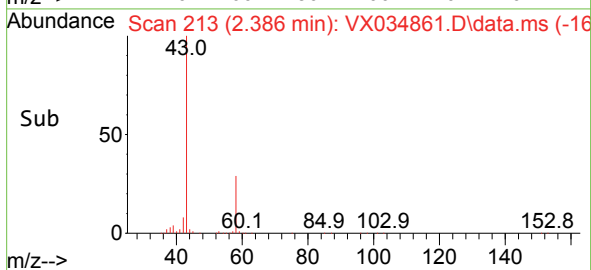
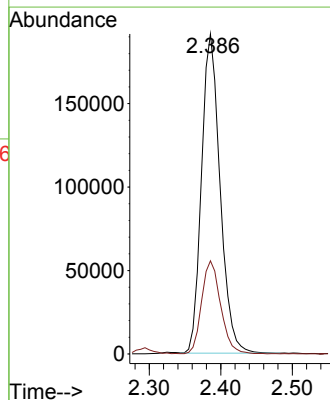
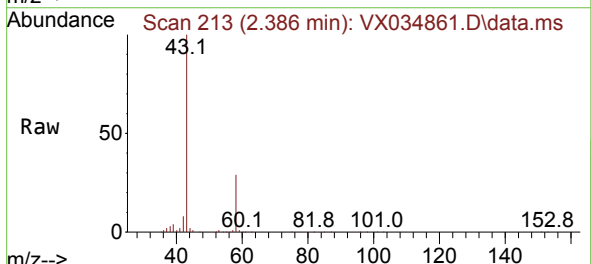
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

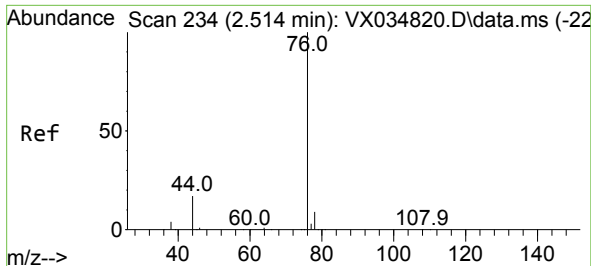
Tgt Ion: 53 Resp: 379972  
Ion Ratio Lower Upper  
53 100  
52 83.8 66.2 99.2  
51 36.6 28.3 42.5



#16  
Acetone  
Concen: 222.245 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 43 Resp: 344409  
Ion Ratio Lower Upper  
43 100  
58 29.1 24.7 37.1





#17

Carbon Disulfide

Concen: 46.840 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX034861.D

Acq: 30 Mar 2023 18:33

Instrument :

MSVOA\_X

ClientSampleId :

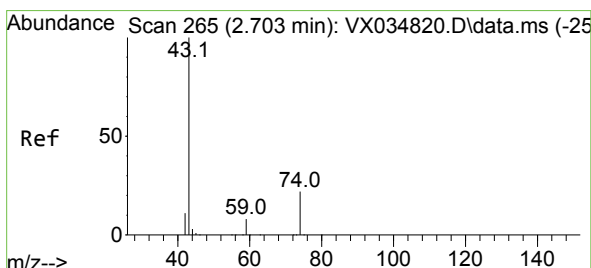
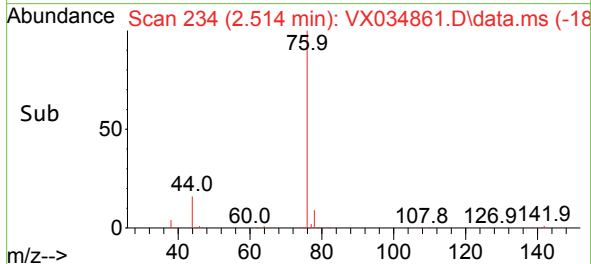
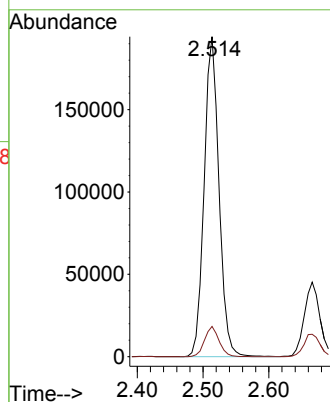
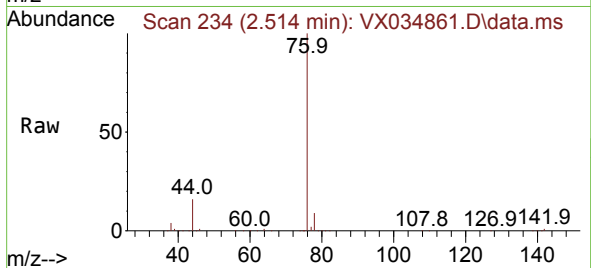
VSTDCCC050EC

Tgt Ion: 76 Resp: 304511

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8



#18

Methyl Acetate

Concen: 50.519 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX034861.D

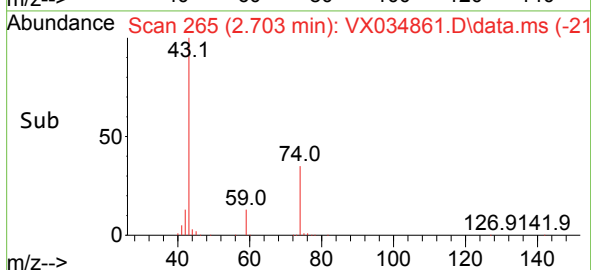
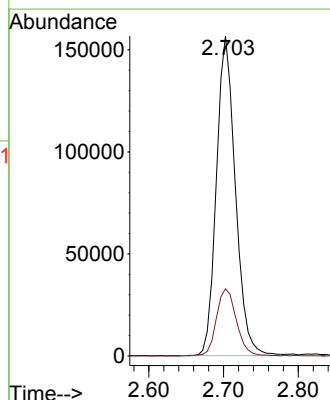
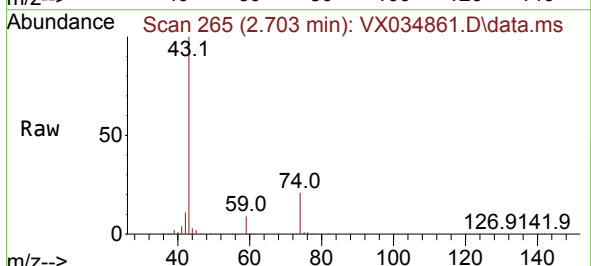
Acq: 30 Mar 2023 18:33

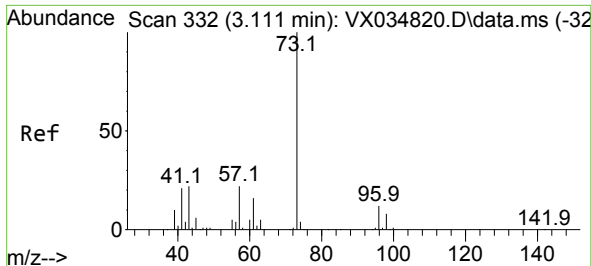
Tgt Ion: 43 Resp: 276519

Ion Ratio Lower Upper

43 100

74 22.2 18.3 27.5

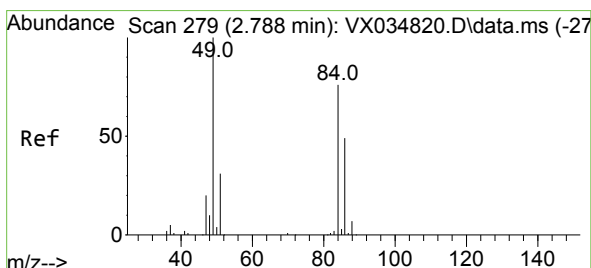
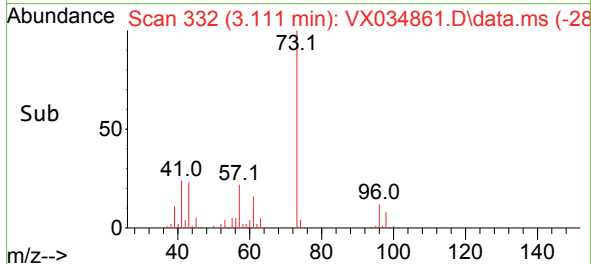
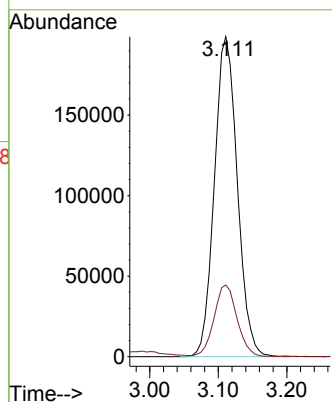
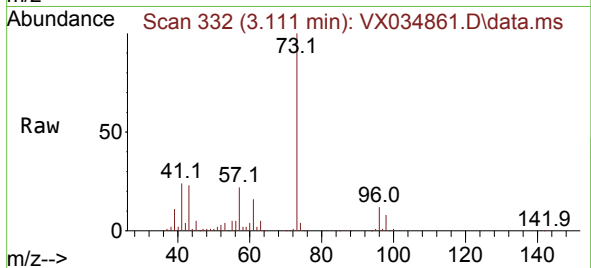




#19  
Methyl tert-butyl Ether  
Concen: 48.623 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

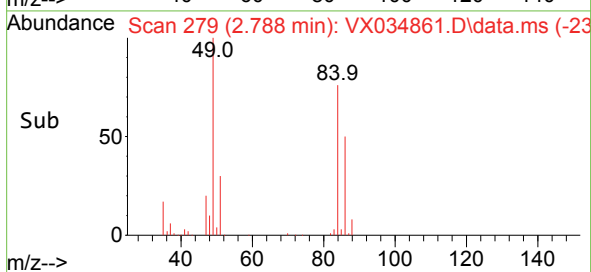
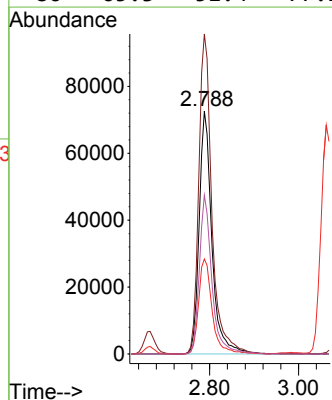
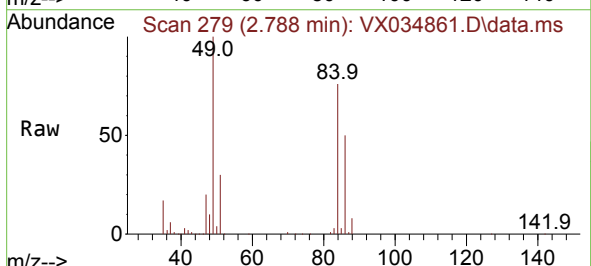
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

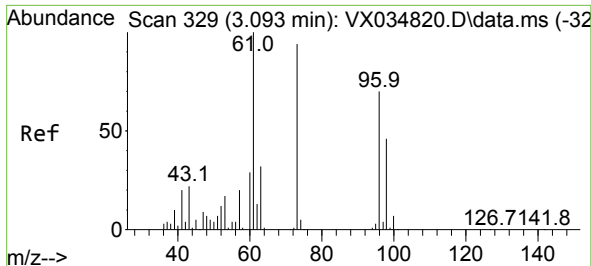
Tgt Ion: 73 Resp: 460582  
Ion Ratio Lower Upper  
73 100  
57 22.4 18.5 27.7



#20  
Methylene Chloride  
Concen: 46.712 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 84 Resp: 144869  
Ion Ratio Lower Upper  
84 100  
49 131.7 103.8 155.8  
51 39.1 31.8 47.8  
86 65.3 51.4 77.2

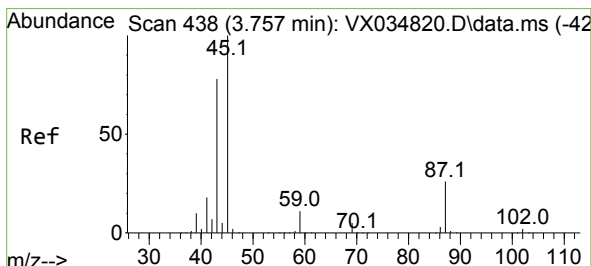
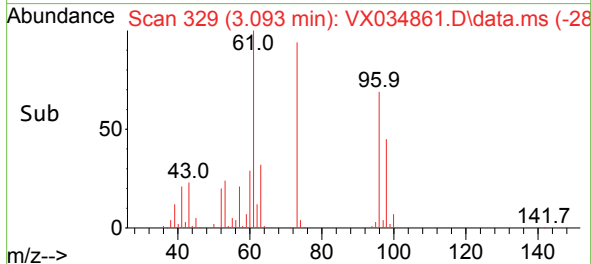
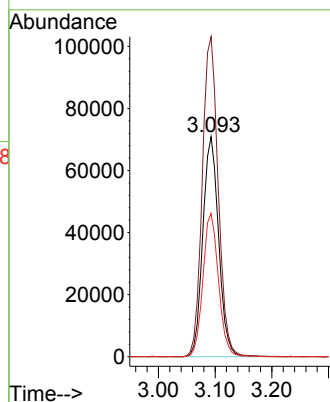
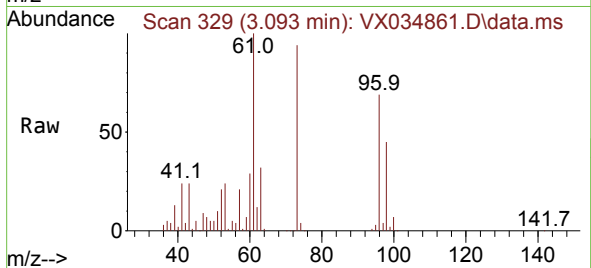




#21  
trans-1,2-Dichloroethene  
Concen: 48.350 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

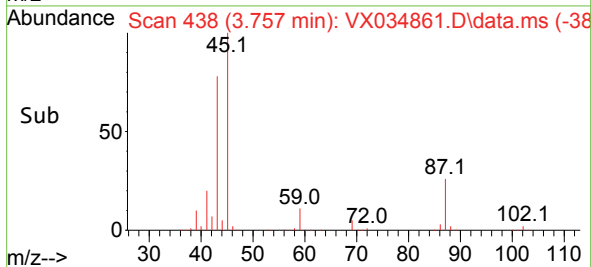
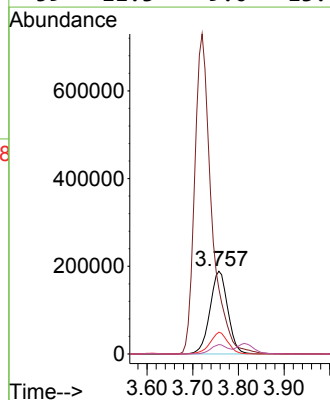
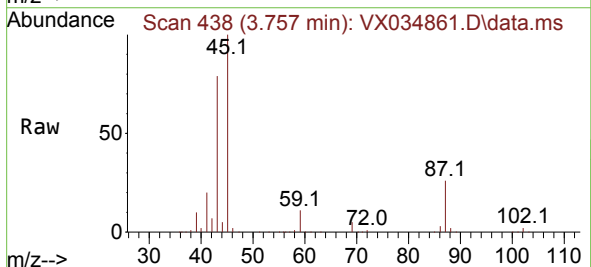
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

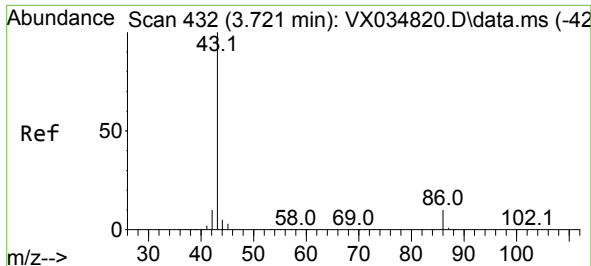
Tgt Ion: 96 Resp: 137158  
Ion Ratio Lower Upper  
96 100  
61 145.4 113.0 169.6  
98 65.1 52.1 78.1



#22  
Diisopropyl ether  
Concen: 50.781 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 45 Resp: 511152  
Ion Ratio Lower Upper  
45 100  
43 78.2 65.4 98.2  
87 26.3 20.6 31.0  
59 11.3 9.0 13.6

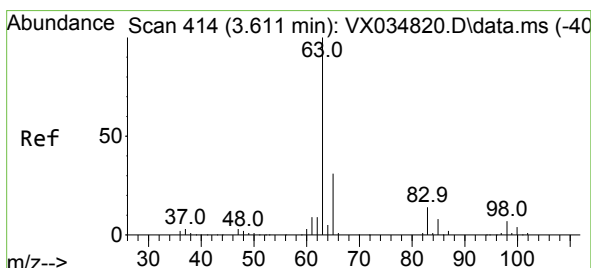
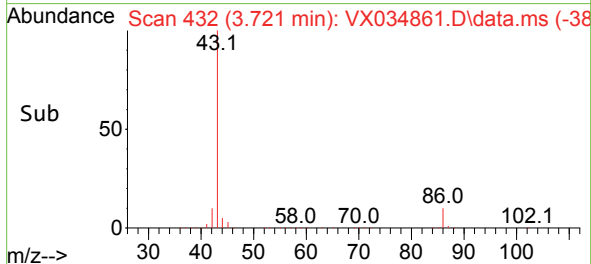
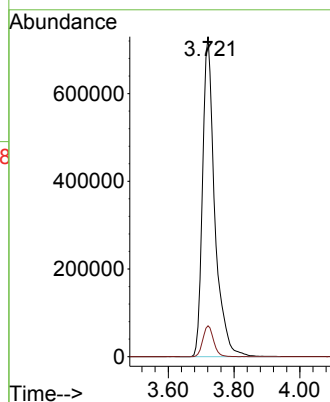
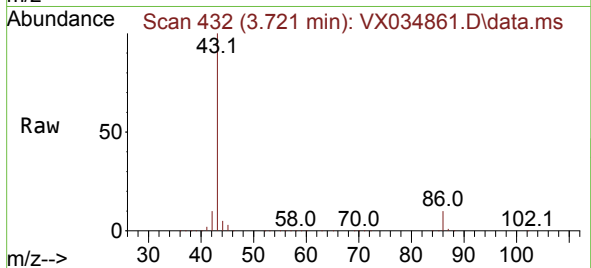




#23  
 Vinyl Acetate  
 Concen: 262.011 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX034861.D  
 Acq: 30 Mar 2023 18:33

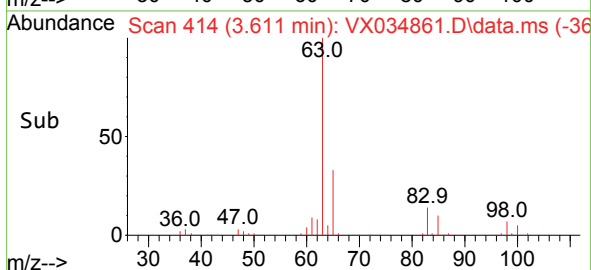
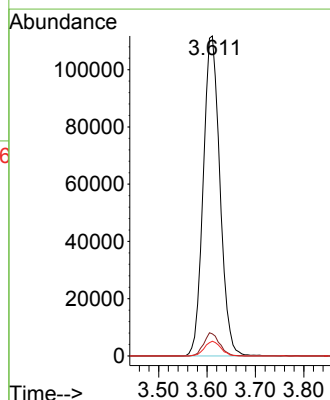
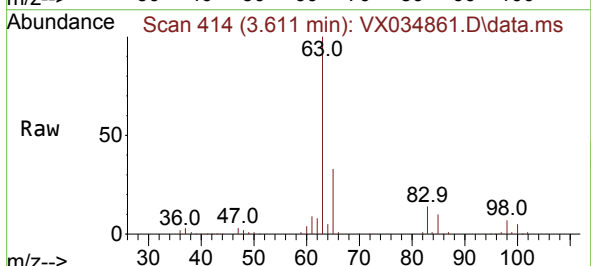
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1880972  
 Ion Ratio Lower Upper  
 43 100  
 86 9.7 8.5 12.7

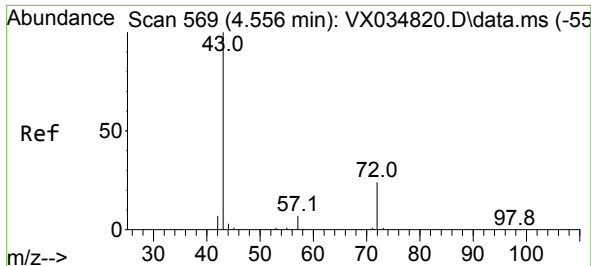


#24  
 1,1-Dichloroethane  
 Concen: 49.289 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.000 min  
 Lab File: VX034861.D  
 Acq: 30 Mar 2023 18:33

Tgt Ion: 63 Resp: 267937  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.8 11.2  
 100 4.6 2.4 7.1



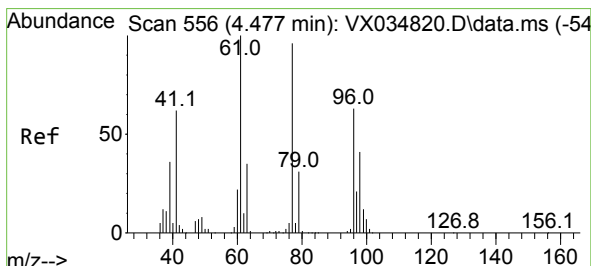
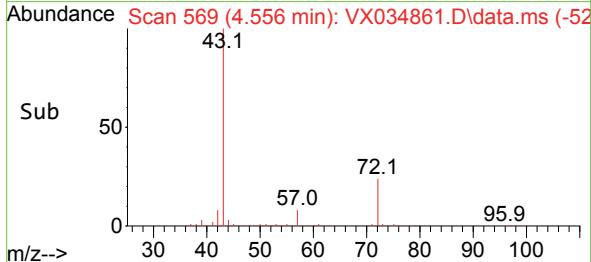
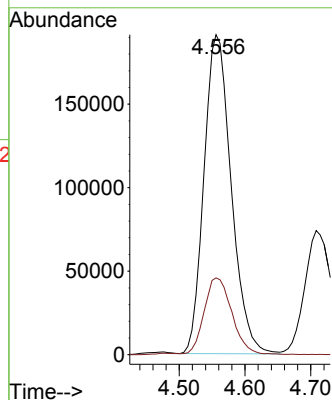
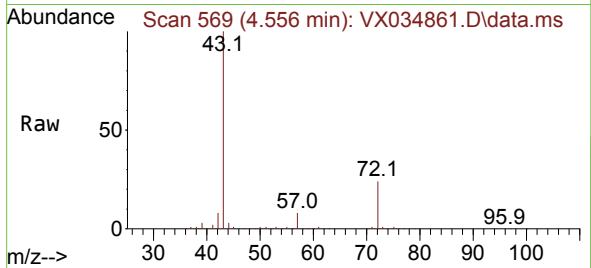




#25  
2-Butanone  
Concen: 244.376 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

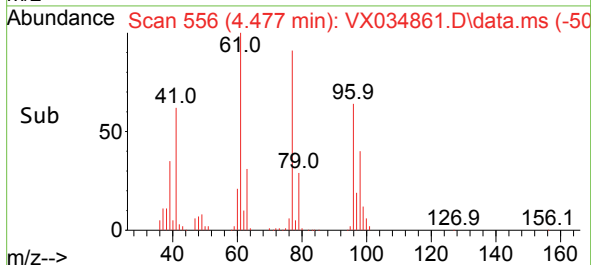
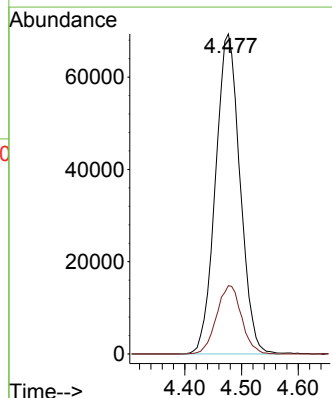
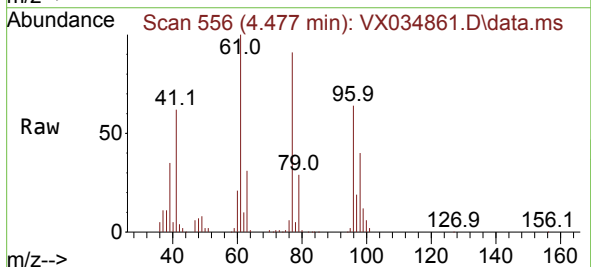
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

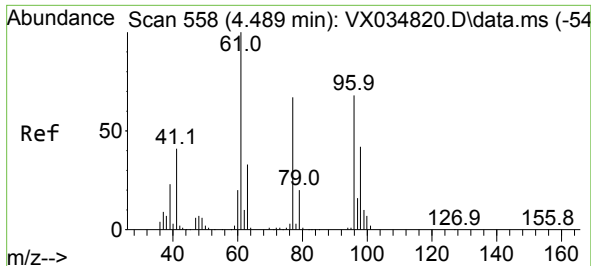
Tgt Ion: 43 Resp: 549564  
Ion Ratio Lower Upper  
43 100  
72 23.9 19.3 28.9



#26  
2,2-Dichloropropane  
Concen: 46.830 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 77 Resp: 208071  
Ion Ratio Lower Upper  
77 100  
97 21.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.867 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX034861.D

Acq: 30 Mar 2023 18:33

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

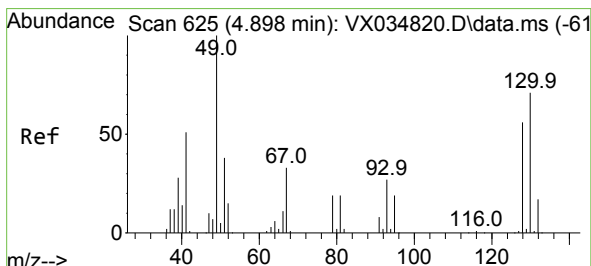
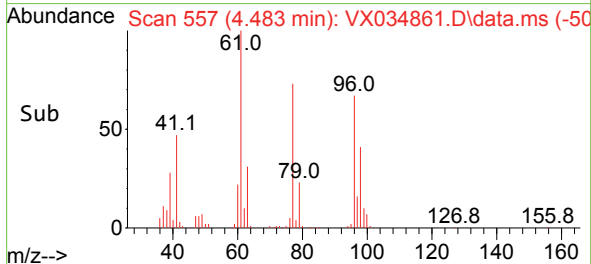
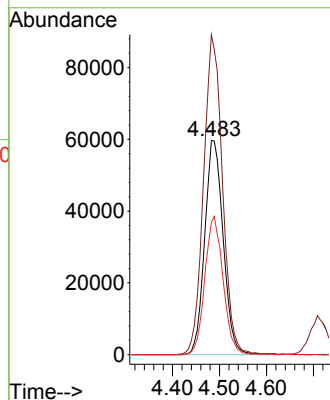
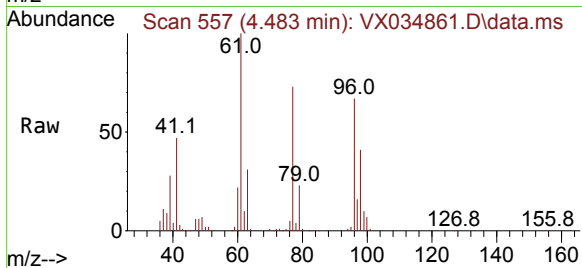
Tgt Ion: 96 Resp: 163190

Ion Ratio Lower Upper

96 100

61 152.5 0.0 300.4

98 63.5 0.0 129.0



#28

Bromochloromethane

Concen: 48.631 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX034861.D

Acq: 30 Mar 2023 18:33

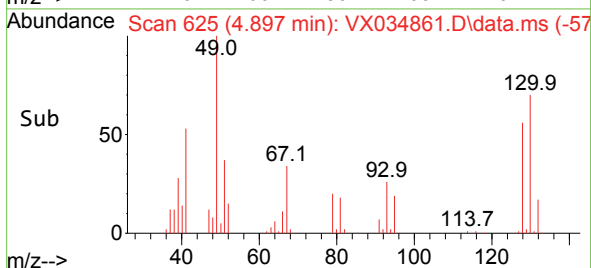
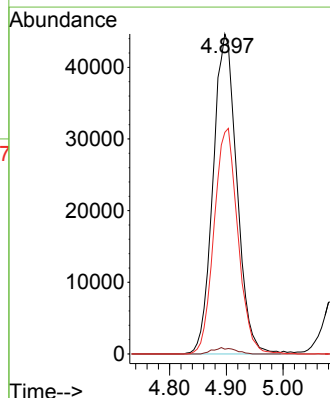
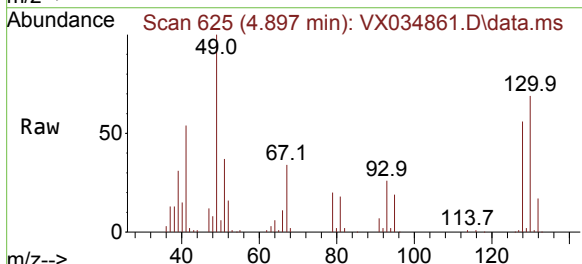
Tgt Ion: 49 Resp: 130134

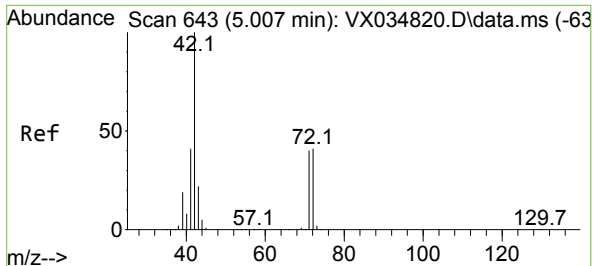
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 70.6 58.2 87.2





#29

Tetrahydrofuran

Concen: 254.671 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX034861.D

Acq: 30 Mar 2023 18:33

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

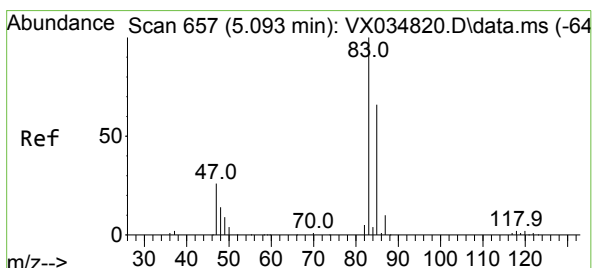
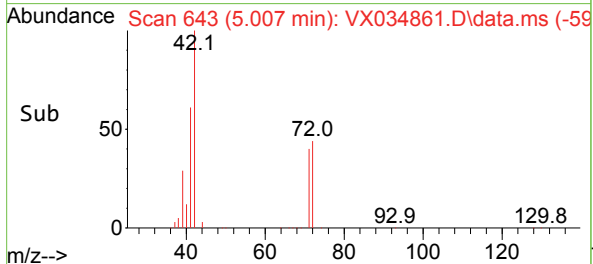
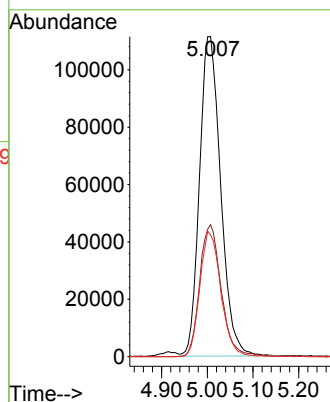
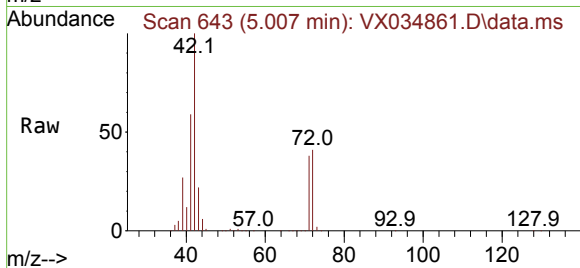
Tgt Ion: 42 Resp: 358362

Ion Ratio Lower Upper

42 100

72 42.0 34.5 51.7

71 38.8 32.1 48.1



#30

Chloroform

Concen: 50.347 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX034861.D

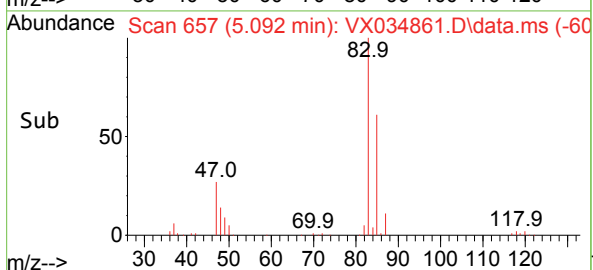
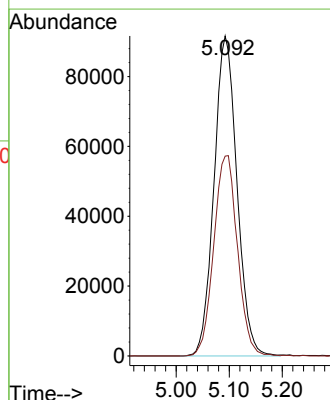
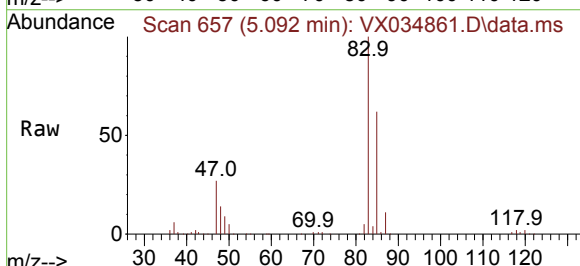
Acq: 30 Mar 2023 18:33

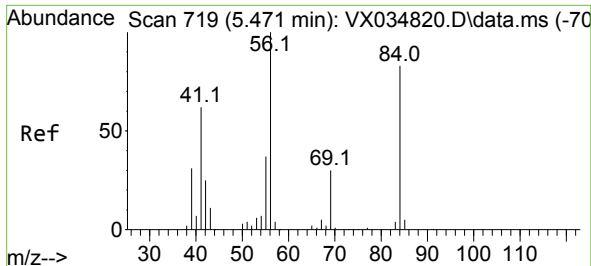
Tgt Ion: 83 Resp: 275678

Ion Ratio Lower Upper

83 100

85 62.5 50.6 76.0

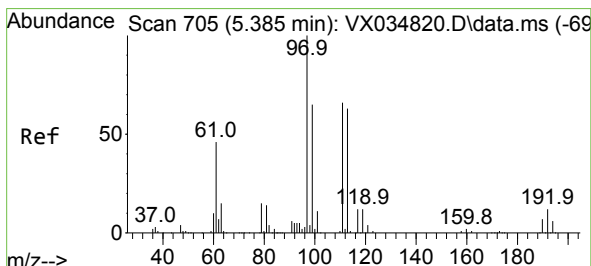
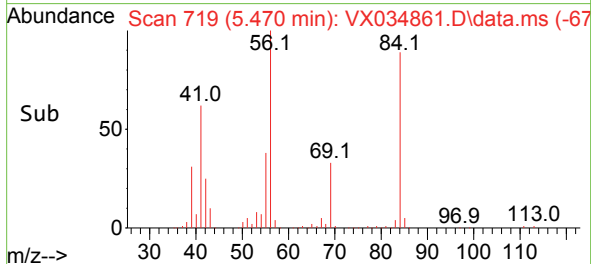
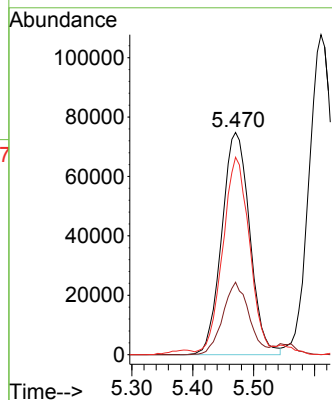
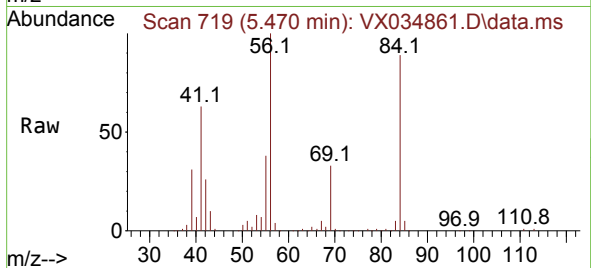




#31  
Cyclohexane  
Concen: 51.219 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

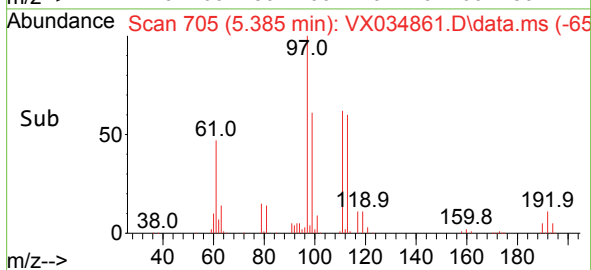
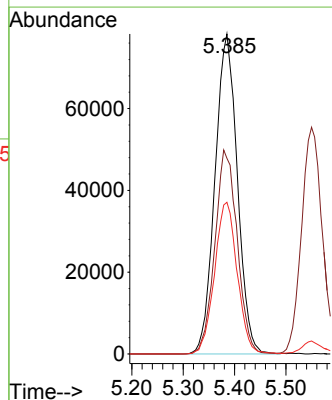
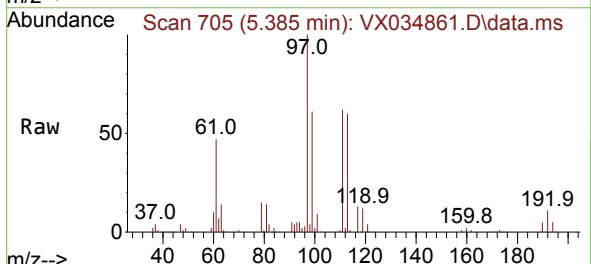
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

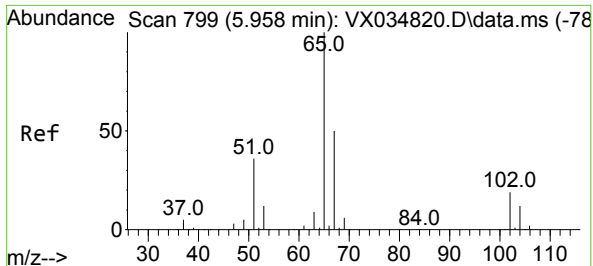
Tgt Ion: 56 Resp: 238829  
Ion Ratio Lower Upper  
56 100  
69 32.6 23.7 35.5  
84 86.9 68.5 102.7



#32  
1,1,1-Trichloroethane  
Concen: 50.659 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 97 Resp: 236624  
Ion Ratio Lower Upper  
97 100  
99 63.8 51.1 76.7  
61 48.1 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 47.696 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034861.D

Acq: 30 Mar 2023 18:33

Instrument :

MSVOA\_X

ClientSampleId :

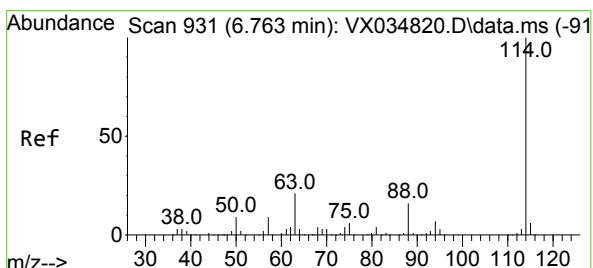
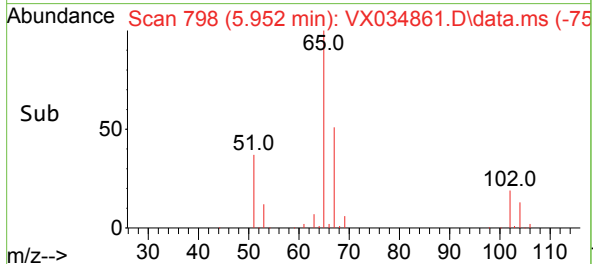
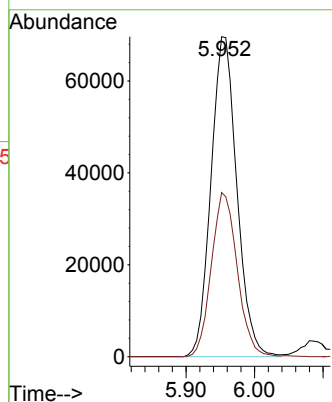
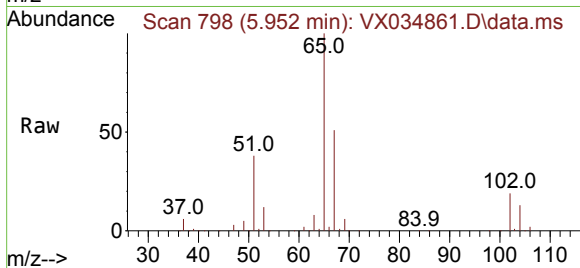
VSTDCCC050EC

Tgt Ion: 65 Resp: 182650

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX034861.D

Acq: 30 Mar 2023 18:33

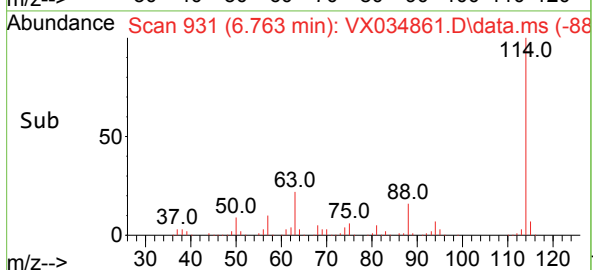
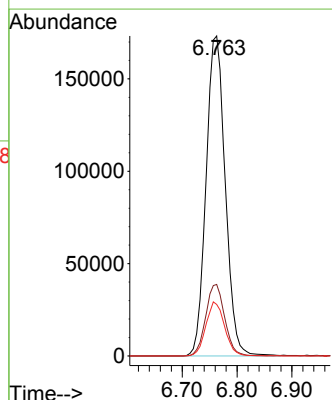
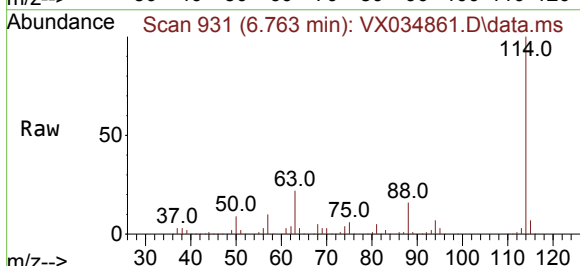
Tgt Ion: 114 Resp: 420326

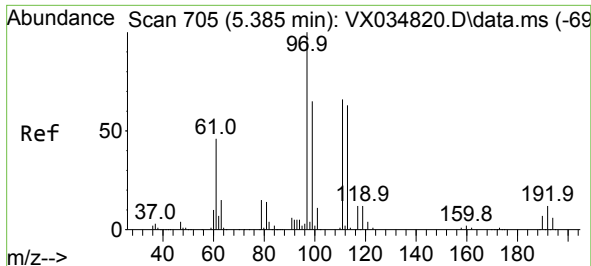
Ion Ratio Lower Upper

114 100

63 22.4 0.0 42.2

88 16.1 0.0 33.2

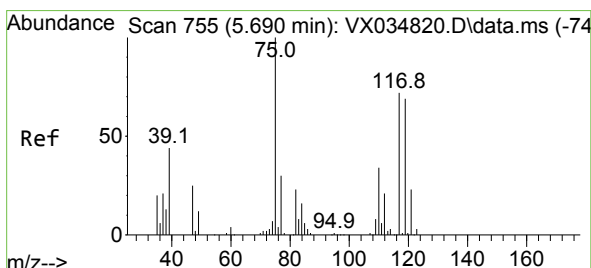
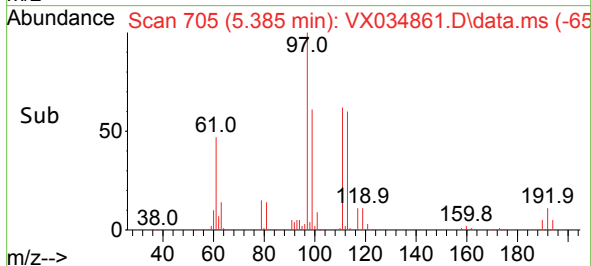
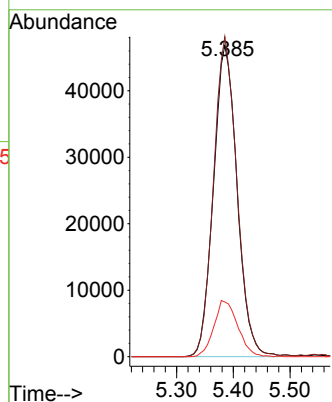
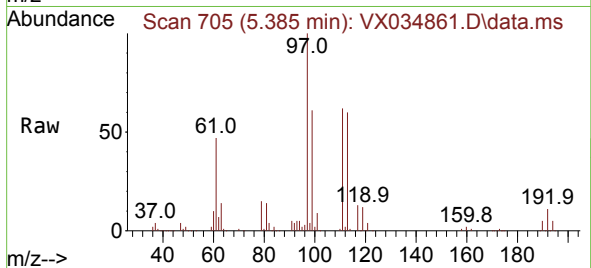




#35  
 Dibromofluoromethane  
 Concen: 48.673 ug/l  
 RT: 5.385 min Scan# 705  
 Delta R.T. -0.000 min  
 Lab File: VX034861.D  
 Acq: 30 Mar 2023 18:33

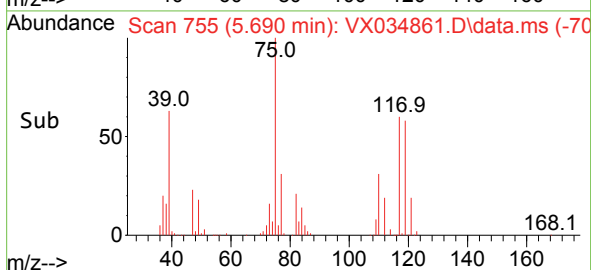
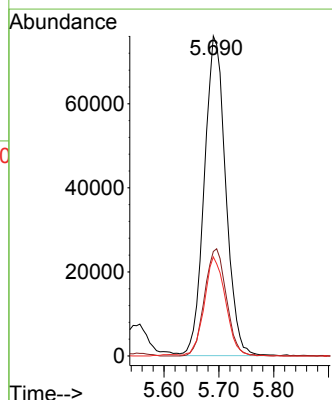
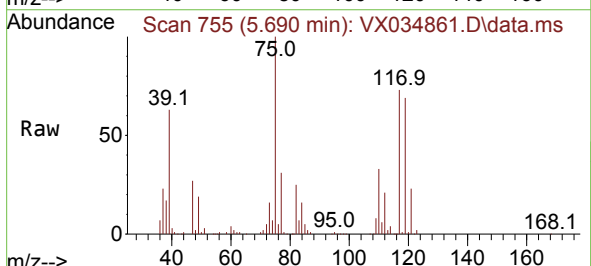
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

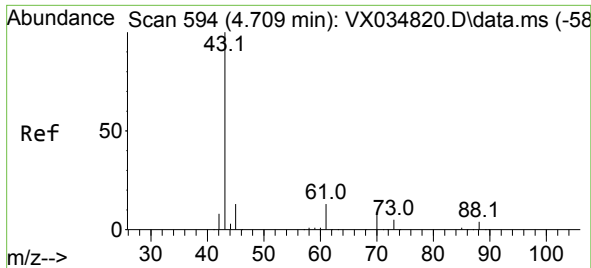
Tgt Ion:113 Resp: 135316  
 Ion Ratio Lower Upper  
 113 100  
 111 101.7 83.7 125.5  
 192 18.2 15.4 23.2



#36  
 1,1-Dichloropropene  
 Concen: 50.125 ug/l  
 RT: 5.690 min Scan# 755  
 Delta R.T. -0.000 min  
 Lab File: VX034861.D  
 Acq: 30 Mar 2023 18:33

Tgt Ion: 75 Resp: 205774  
 Ion Ratio Lower Upper  
 75 100  
 110 34.2 17.5 52.5  
 77 30.8 24.3 36.5





#37

Ethyl Acetate

Concen: 50.728 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.000 min

Lab File: VX034861.D

Acq: 30 Mar 2023 18:33

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

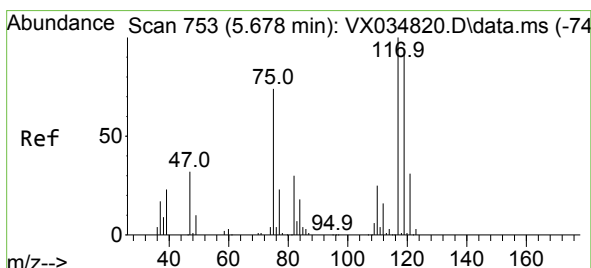
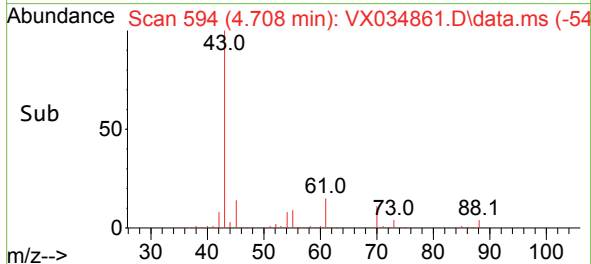
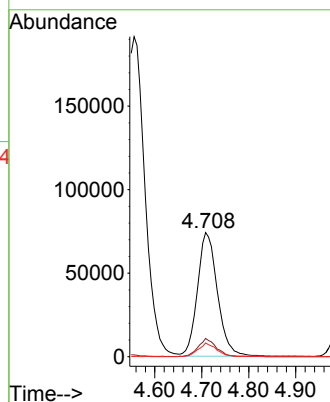
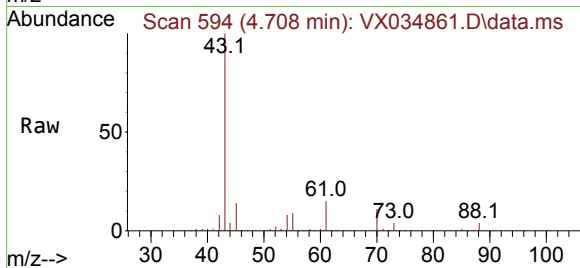
Tgt Ion: 43 Resp: 218822

Ion Ratio Lower Upper

43 100

61 13.6 10.2 15.4

70 10.2 8.2 12.4



#38

Carbon Tetrachloride

Concen: 50.744 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX034861.D

Acq: 30 Mar 2023 18:33

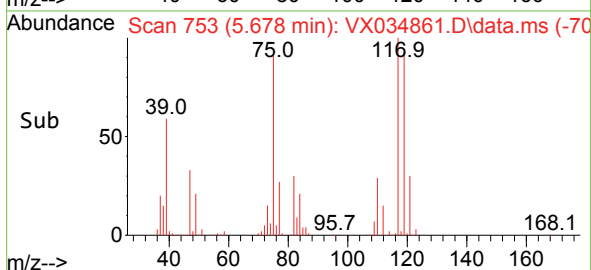
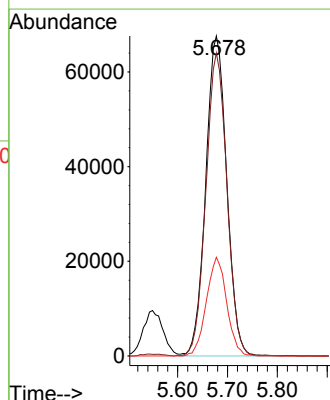
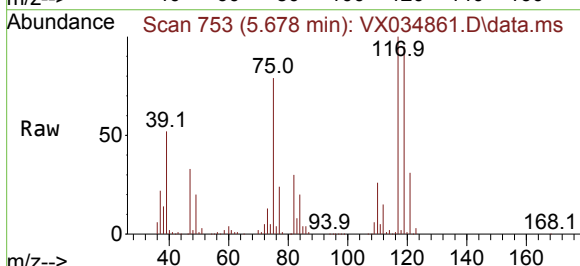
Tgt Ion: 117 Resp: 197865

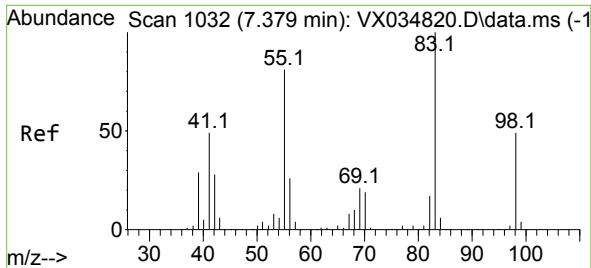
Ion Ratio Lower Upper

117 100

119 94.6 76.6 114.8

121 30.8 23.8 35.6





#39

Methylcyclohexane

Concen: 50.365 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034861.D

Acq: 30 Mar 2023 18:33

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

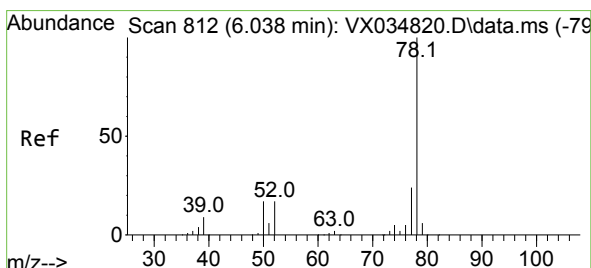
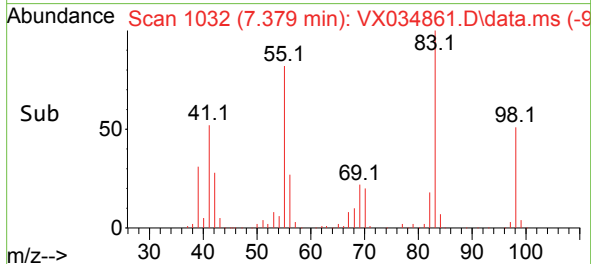
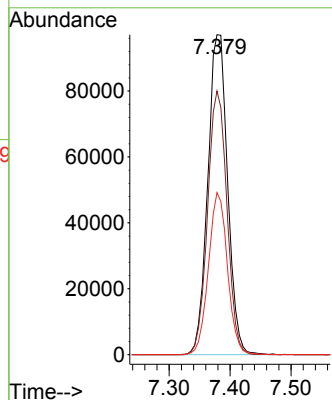
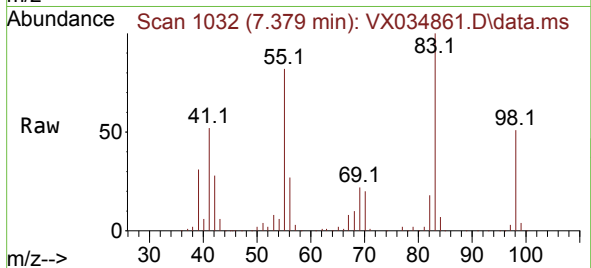
Tgt Ion: 83 Resp: 219778

Ion Ratio Lower Upper

83 100

55 82.4 60.5 90.7

98 50.6 40.4 60.6



#40

Benzene

Concen: 49.892 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX034861.D

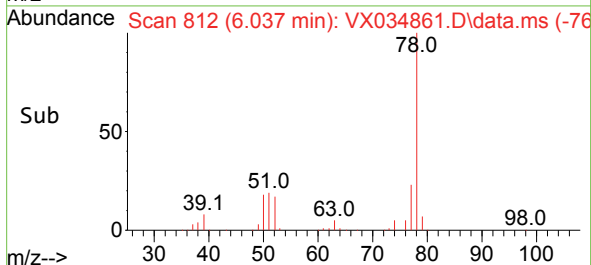
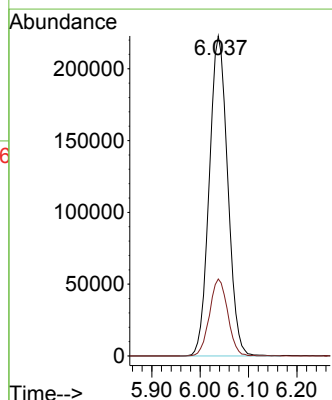
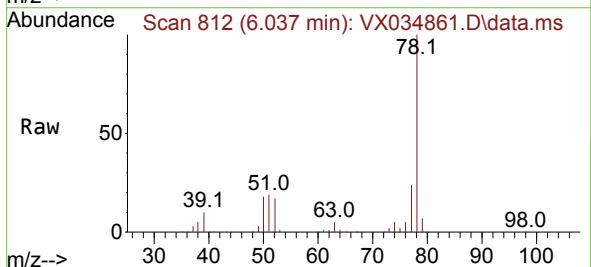
Acq: 30 Mar 2023 18:33

Tgt Ion: 78 Resp: 590038

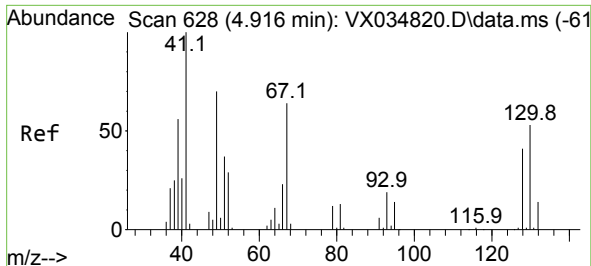
Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4



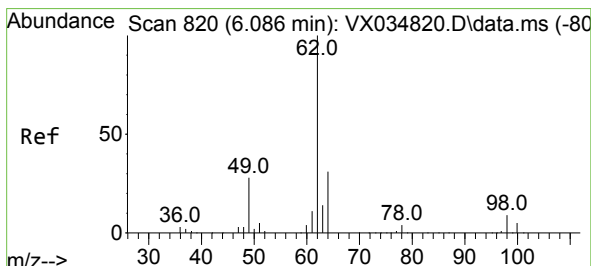
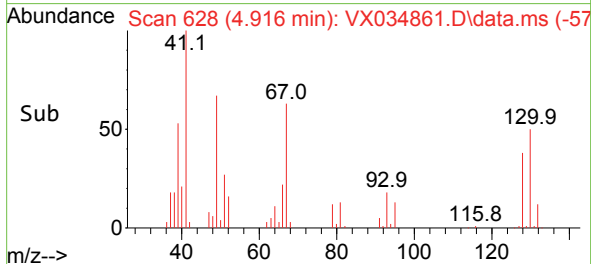
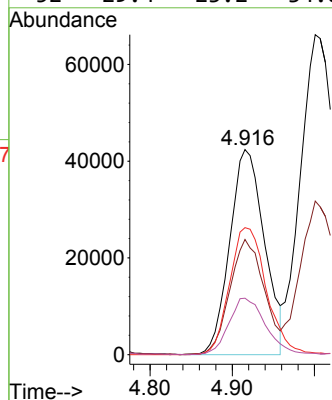
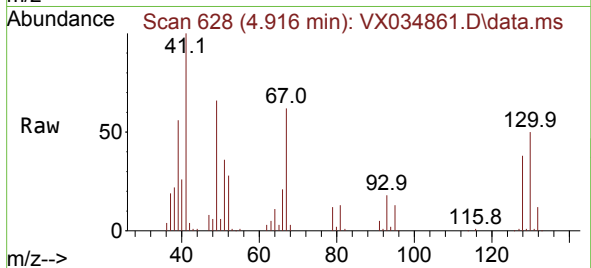




#41  
Methacrylonitrile  
Concen: 52.285 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

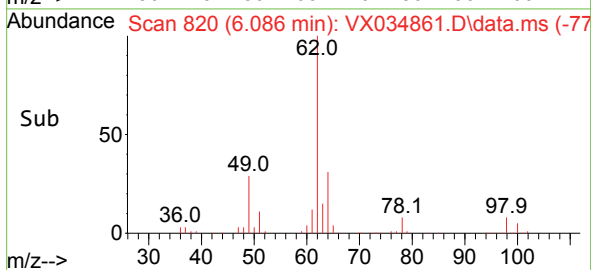
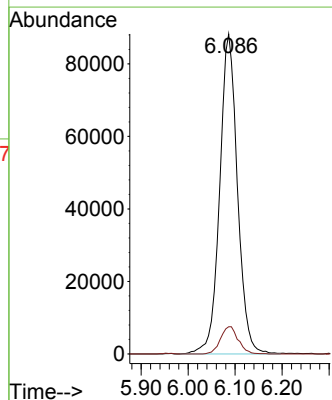
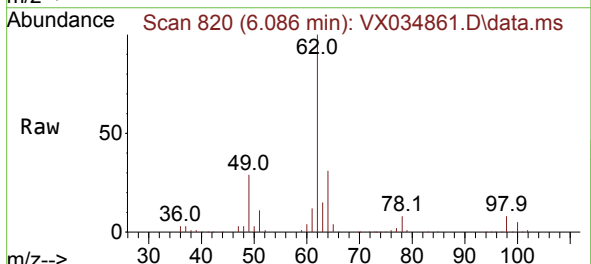
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

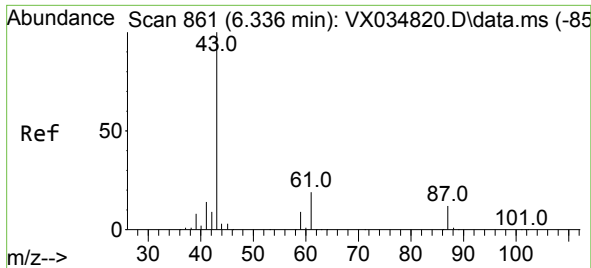
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 124593 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 55.7  | 45.0  | 67.6   |
| 67       | 66.3  | 55.6  | 83.4   |
| 52       | 29.4  | 23.2  | 34.8   |



#42  
1,2-Dichloroethane  
Concen: 50.296 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 232455 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.5   | 0.0   | 18.0   |

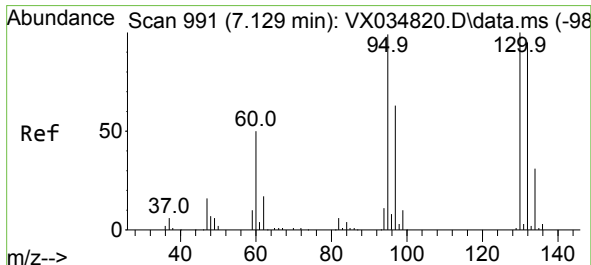
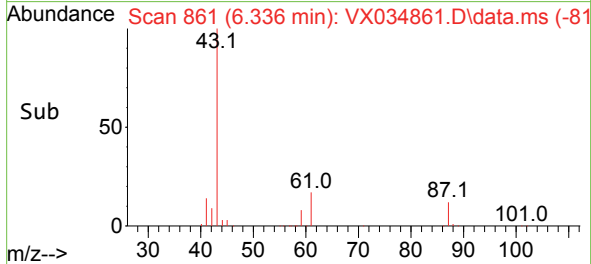
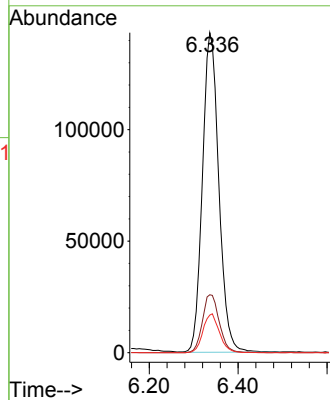
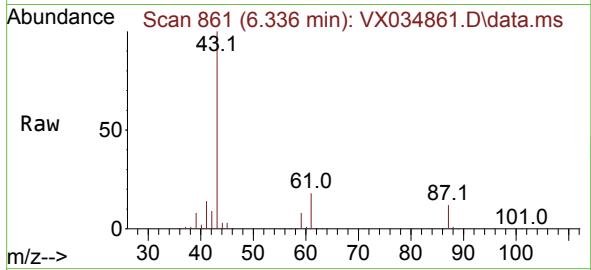




#43  
Isopropyl Acetate  
Concen: 51.078 ug/l  
RT: 6.336 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

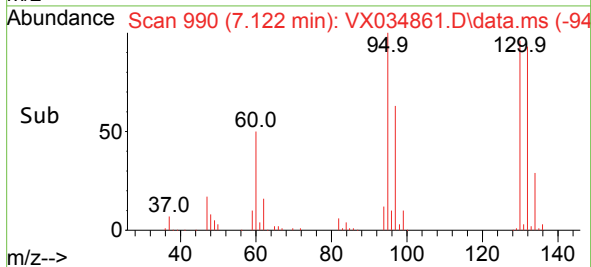
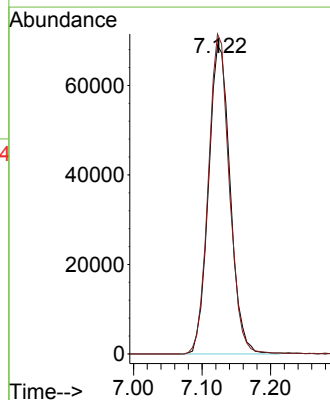
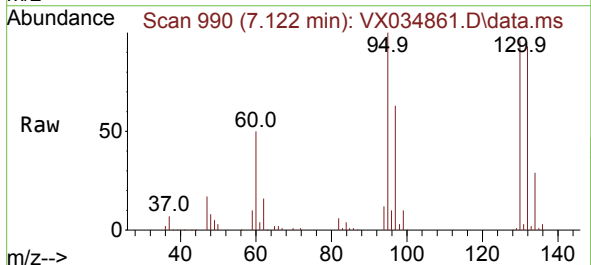
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

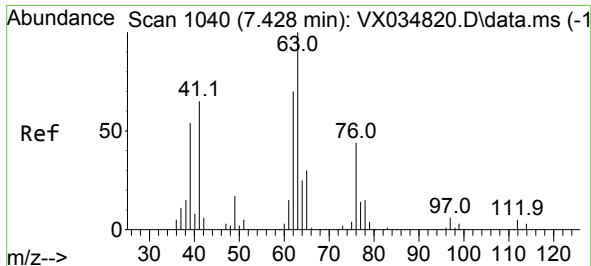
Tgt Ion: 43 Resp: 368427  
Ion Ratio Lower Upper  
43 100  
61 18.6 15.2 22.8  
87 12.1 9.8 14.8



#44  
Trichloroethene  
Concen: 50.227 ug/l  
RT: 7.122 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion:130 Resp: 151450  
Ion Ratio Lower Upper  
130 100  
95 103.7 0.0 198.4

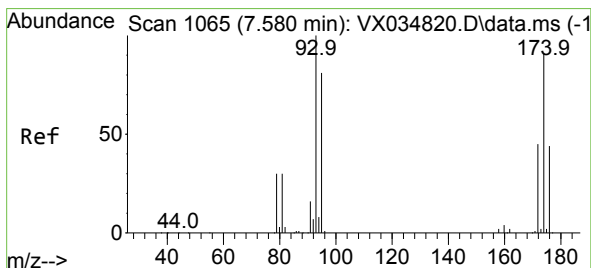
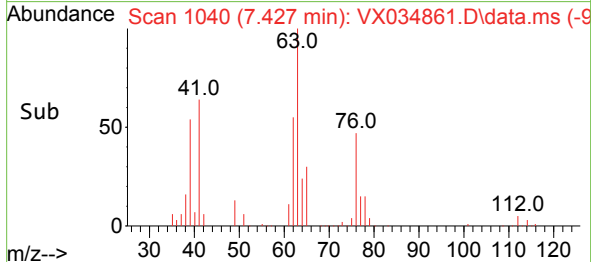
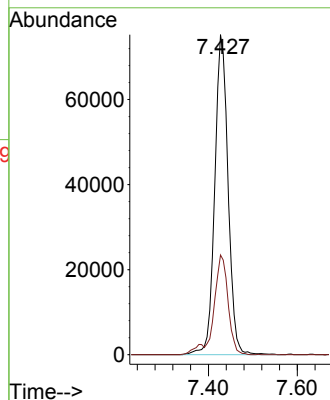
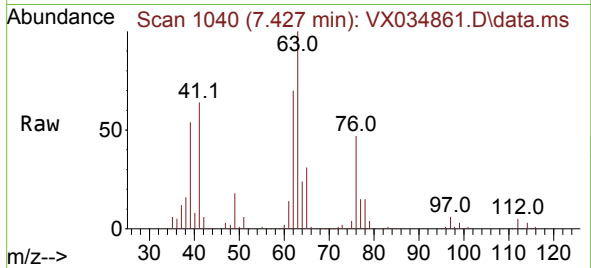




#45  
1,2-Dichloropropane  
Concen: 51.491 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

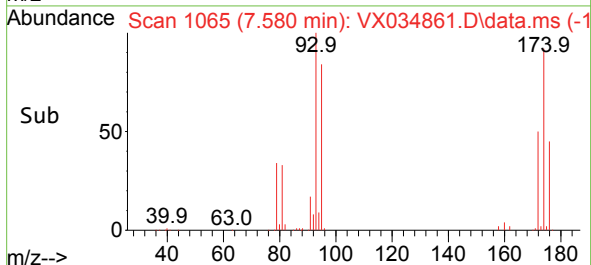
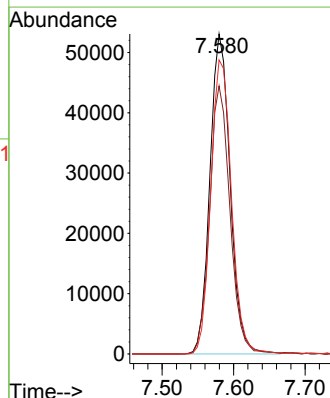
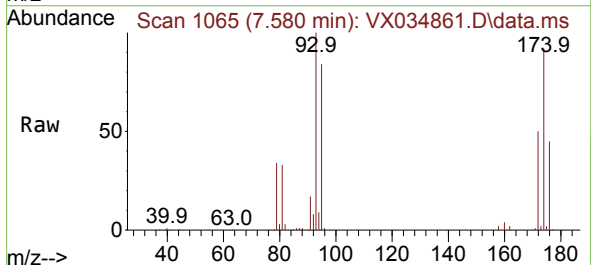
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

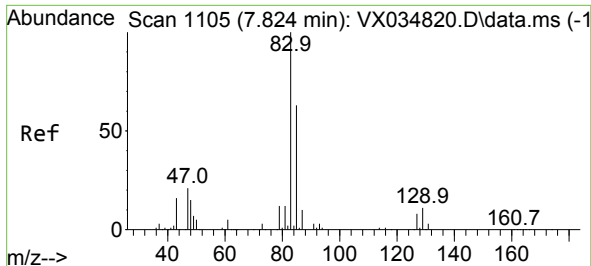
Tgt Ion: 63 Resp: 156385  
Ion Ratio Lower Upper  
63 100  
65 31.2 24.6 37.0



#46  
Dibromomethane  
Concen: 50.121 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 93 Resp: 104350  
Ion Ratio Lower Upper  
93 100  
95 84.1 66.9 100.3  
174 94.1 75.4 113.0

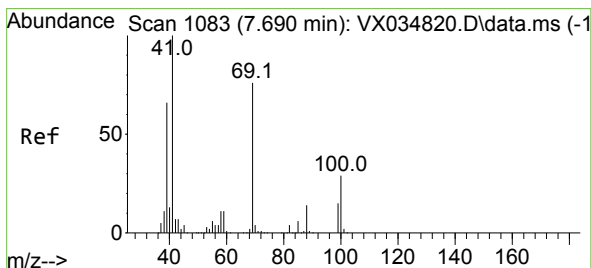
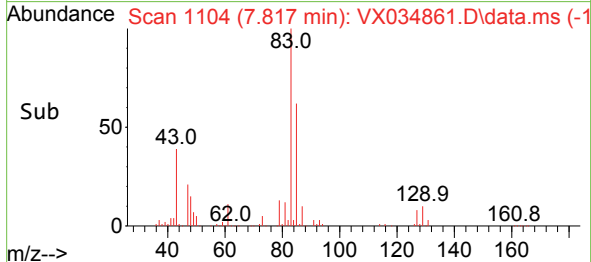
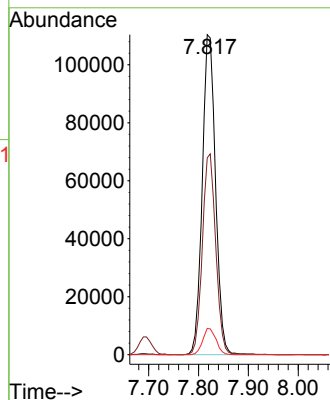
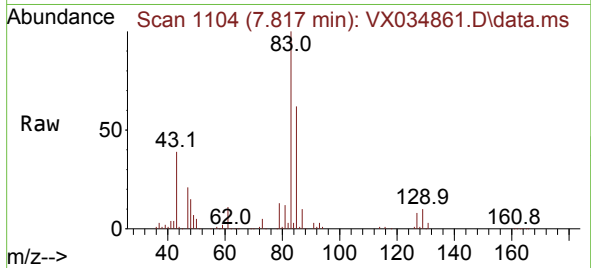




#47  
Bromodichloromethane  
Concen: 52.709 ug/l  
RT: 7.817 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

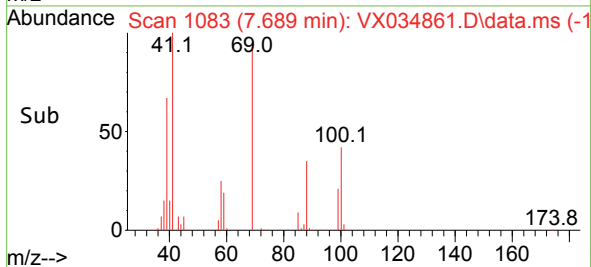
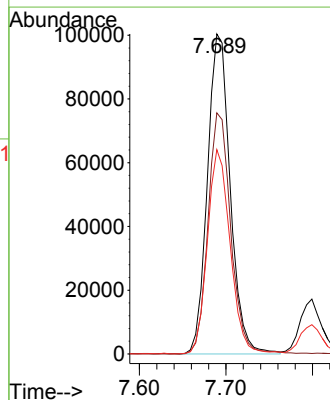
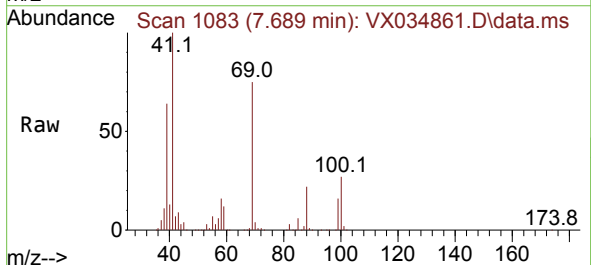
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

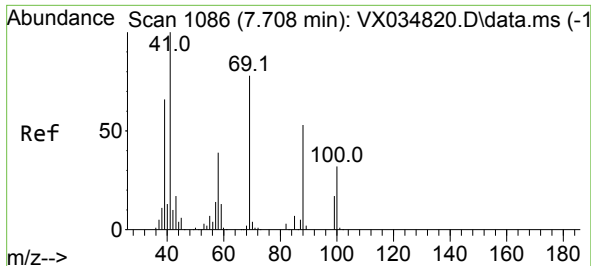
Tgt Ion: 83 Resp: 203726  
Ion Ratio Lower Upper  
83 100  
85 61.5 52.2 78.4  
127 8.2 6.6 9.8



#48  
Methyl methacrylate  
Concen: 52.688 ug/l  
RT: 7.689 min Scan# 1083  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 41 Resp: 183841  
Ion Ratio Lower Upper  
41 100  
69 75.4 62.2 93.4  
39 63.6 47.7 71.5





#49

1,4-Dioxane

Concen: 974.577 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.012 min

Lab File: VX034861.D

Acq: 30 Mar 2023 18:33

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

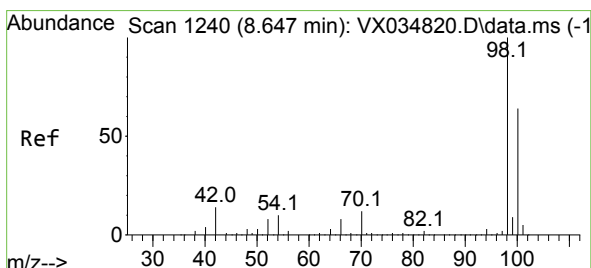
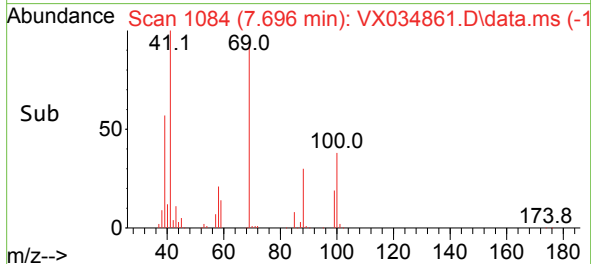
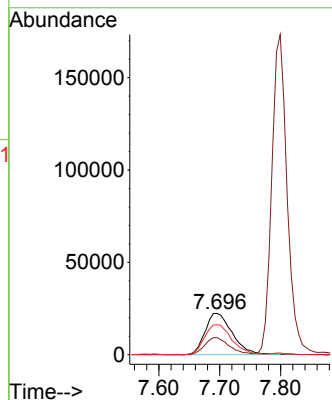
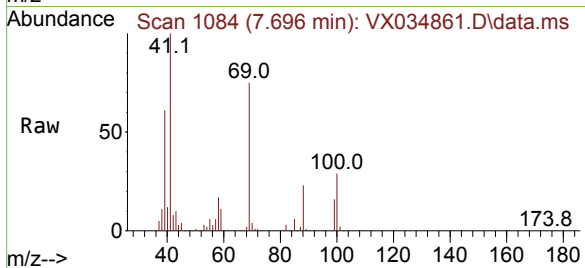
Tgt Ion: 88 Resp: 69322

Ion Ratio Lower Upper

88 100

43 37.1 27.7 41.5

58 72.9 56.8 85.2



#50

Toluene-d8

Concen: 50.188 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034861.D

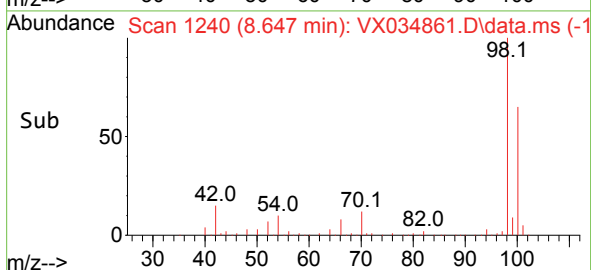
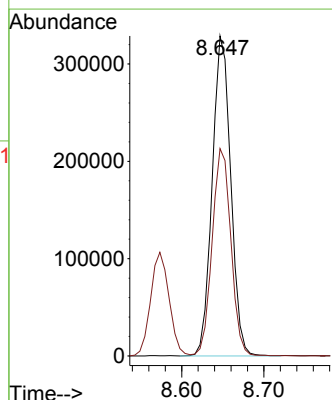
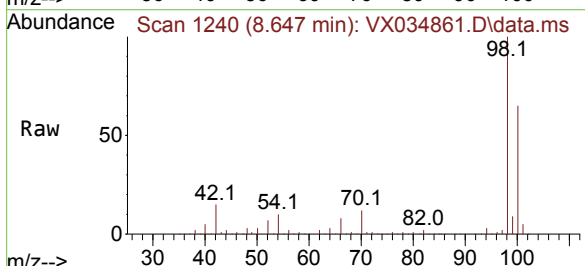
Acq: 30 Mar 2023 18:33

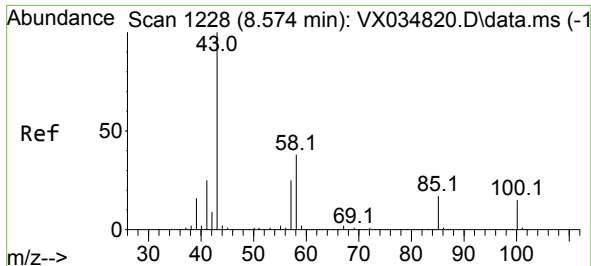
Tgt Ion: 98 Resp: 515004

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7

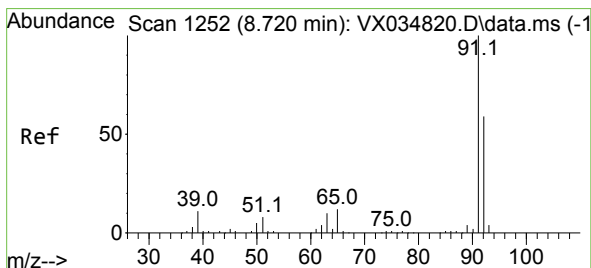
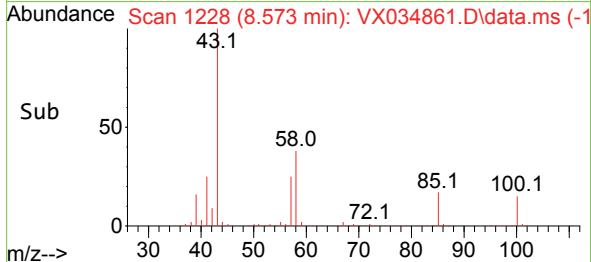
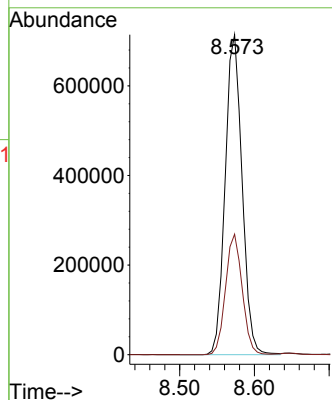
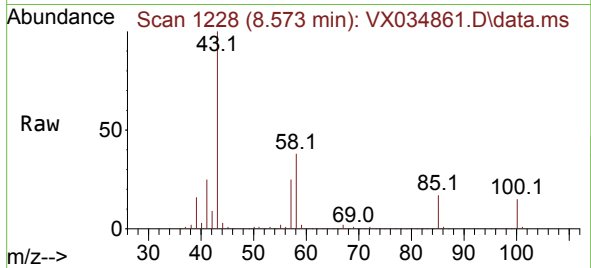




#51  
4-Methyl-2-Pentanone  
Concen: 264.676 ug/l  
RT: 8.573 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

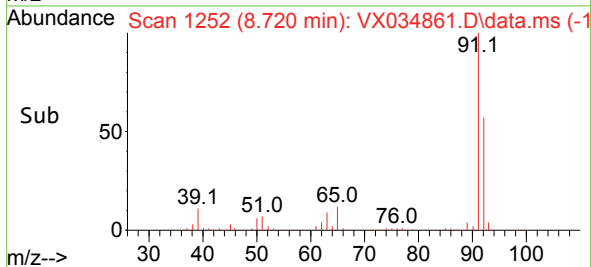
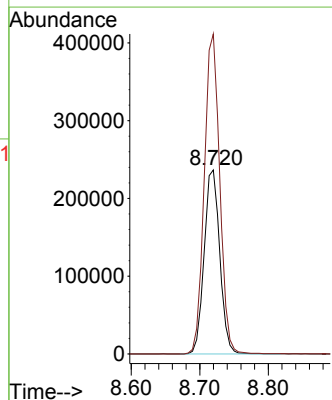
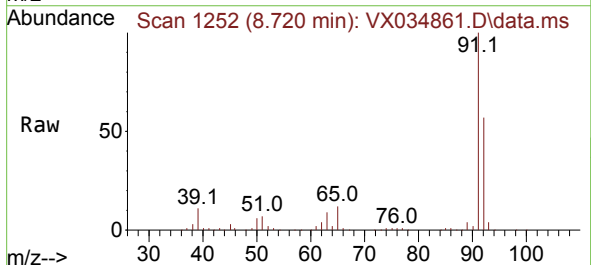
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

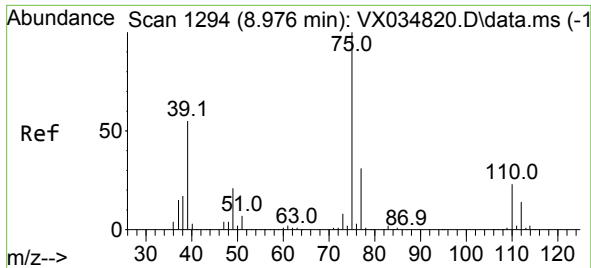
Tgt Ion: 43 Resp: 1121711  
Ion Ratio Lower Upper  
43 100  
58 37.2 30.6 46.0



#52  
Toluene  
Concen: 49.478 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 92 Resp: 375823  
Ion Ratio Lower Upper  
92 100  
91 172.6 136.8 205.2

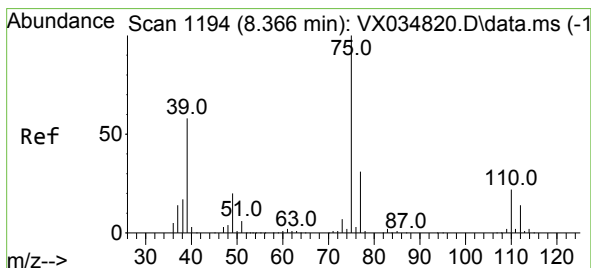
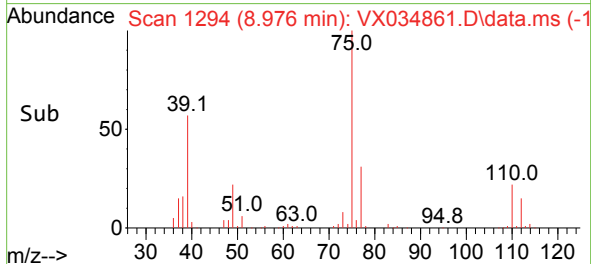
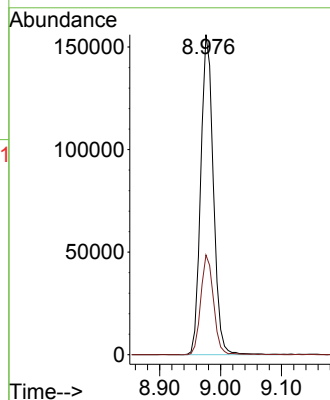
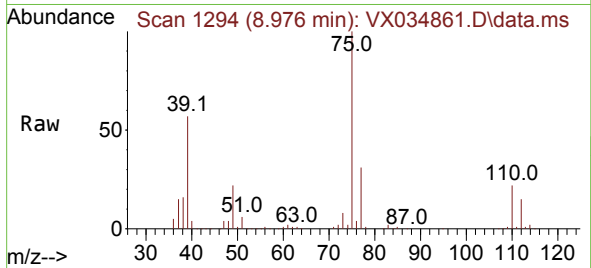




#53  
t-1,3-Dichloropropene  
Concen: 53.239 ug/l  
RT: 8.976 min Scan# 1294  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

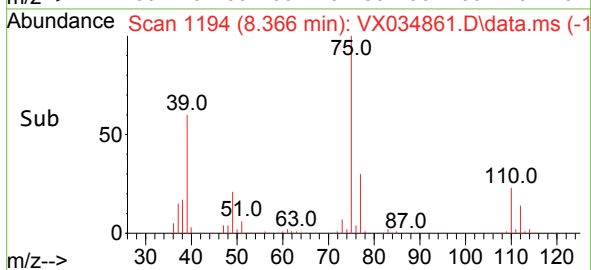
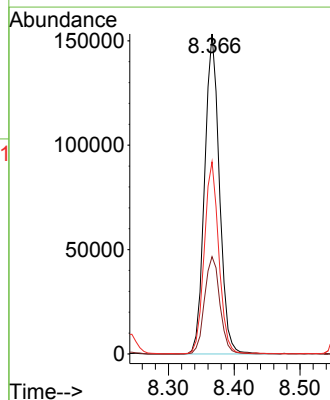
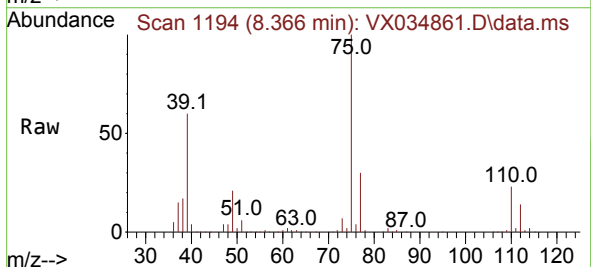
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

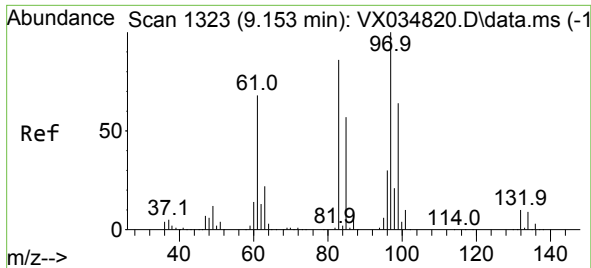
Tgt Ion: 75 Resp: 224253  
Ion Ratio Lower Upper  
75 100  
77 31.1 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 51.805 ug/l  
RT: 8.366 min Scan# 1194  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 75 Resp: 239744  
Ion Ratio Lower Upper  
75 100  
77 30.4 25.0 37.4  
39 60.0 44.6 66.8

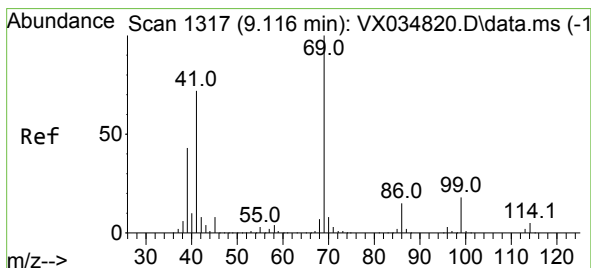
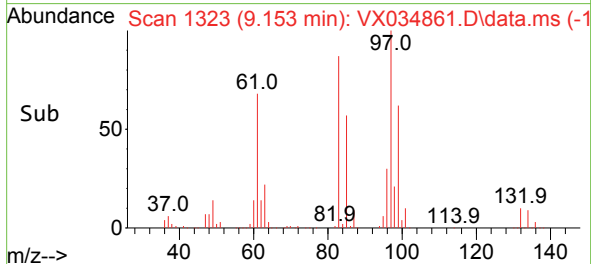
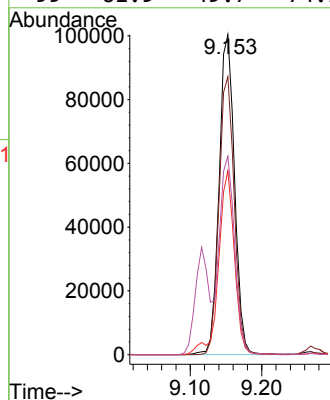
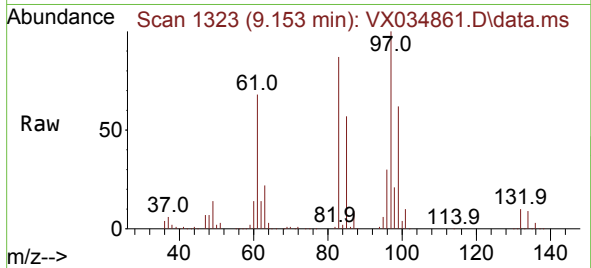




#55  
1,1,2-Trichloroethane  
Concen: 52.258 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

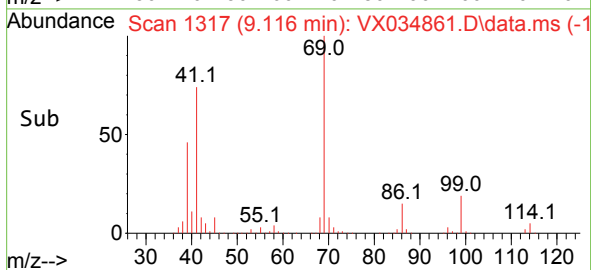
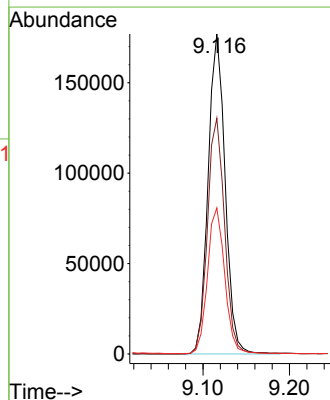
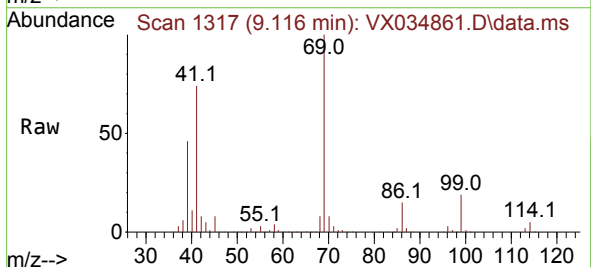
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 150563 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.8  | 69.7  | 104.5  |
| 85       | 57.5  | 43.7  | 65.5   |
| 99       | 61.9  | 49.7  | 74.5   |

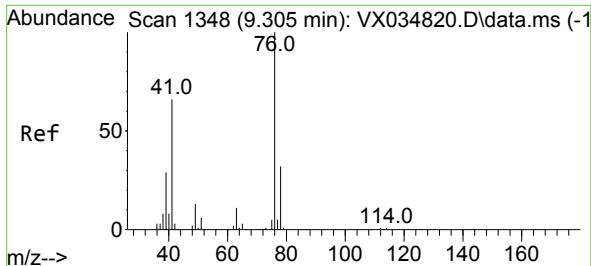


#56  
Ethyl methacrylate  
Concen: 53.552 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 241465 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 74.3  | 57.4  | 86.0   |
| 39       | 46.3  | 33.7  | 50.5   |







#57

1,3-Dichloropropane

Concen: 51.817 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034861.D

Acq: 30 Mar 2023 18:33

Instrument :

MSVOA\_X

ClientSampleId :

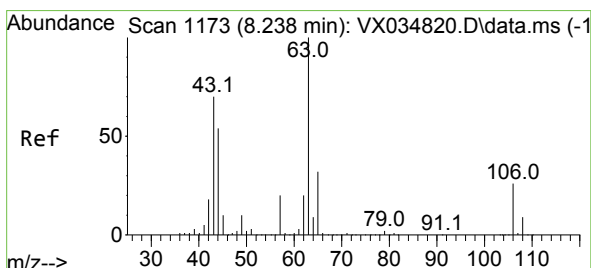
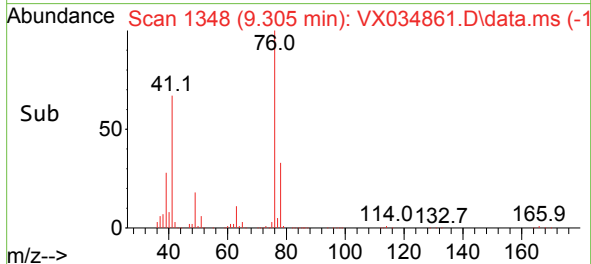
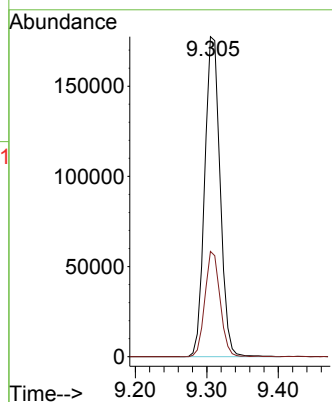
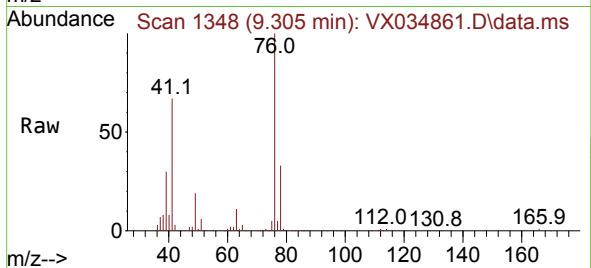
VSTDCCC050EC

Tgt Ion: 76 Resp: 266016

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 253.681 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX034861.D

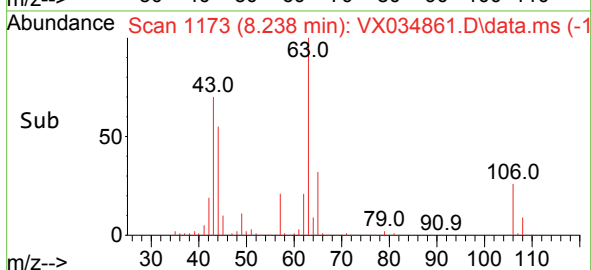
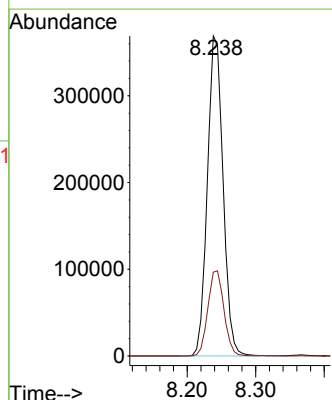
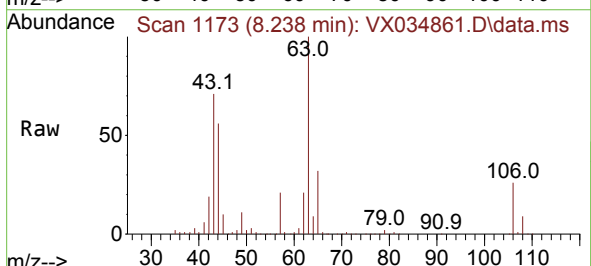
Acq: 30 Mar 2023 18:33

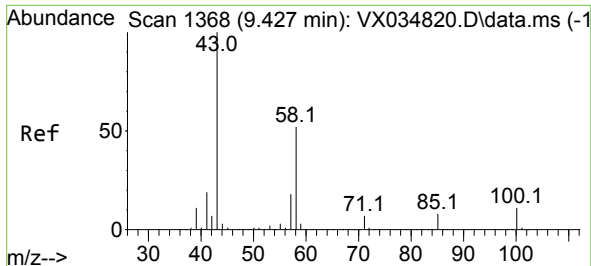
Tgt Ion: 63 Resp: 587915

Ion Ratio Lower Upper

63 100

106 27.3 22.2 33.2

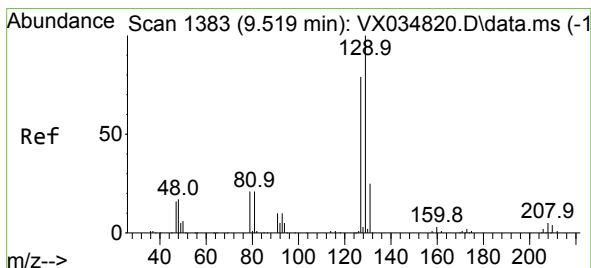
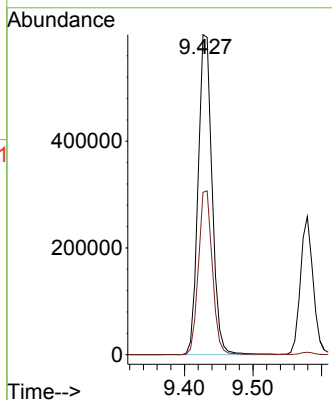
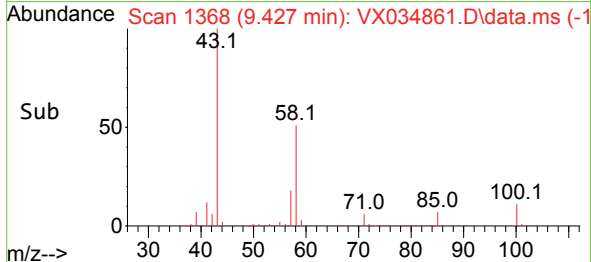
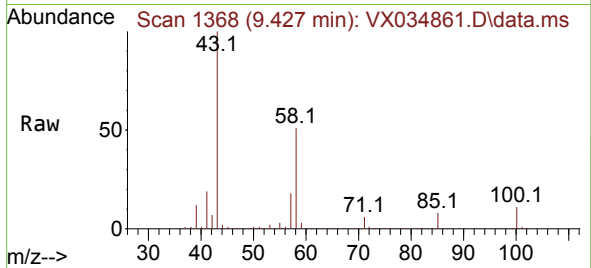




#59  
2-Hexanone  
Concen: 264.471 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

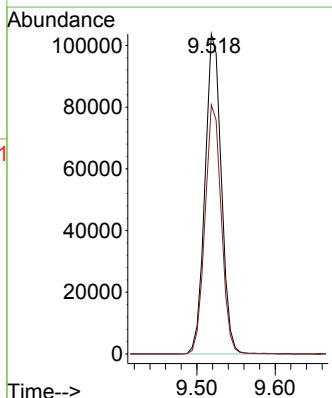
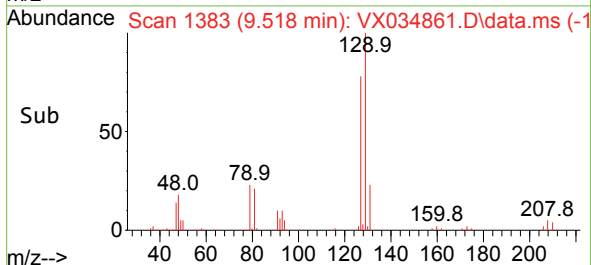
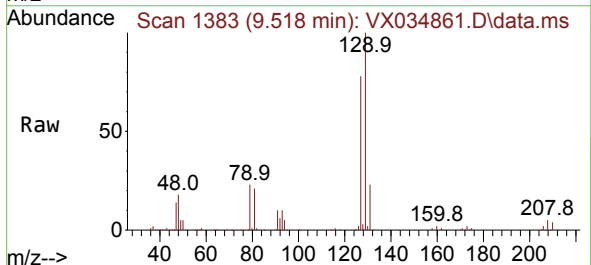
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

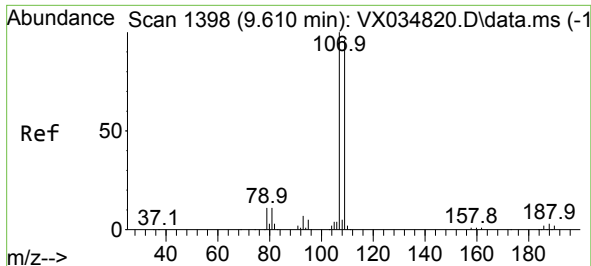
Tgt Ion: 43 Resp: 849616  
Ion Ratio Lower Upper  
43 100  
58 51.2 26.3 78.9



#60  
Dibromochloromethane  
Concen: 53.718 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 129 Resp: 149257  
Ion Ratio Lower Upper  
129 100  
127 78.0 39.0 117.0

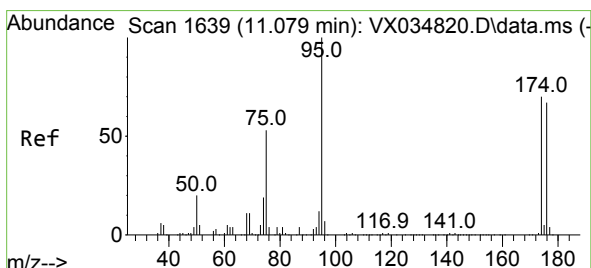
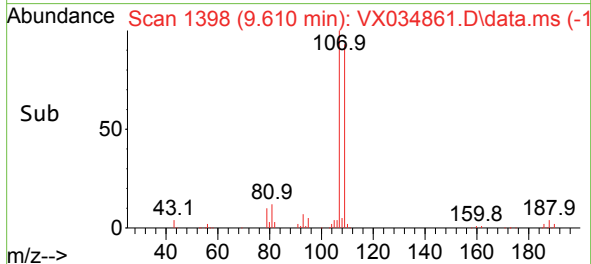
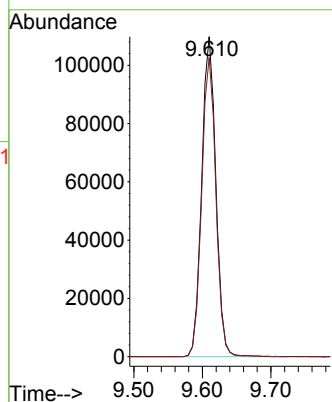
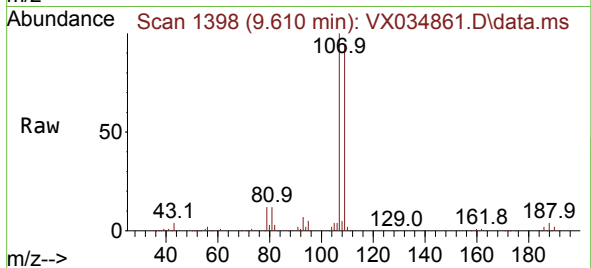




#61  
1,2-Dibromoethane  
Concen: 52.682 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

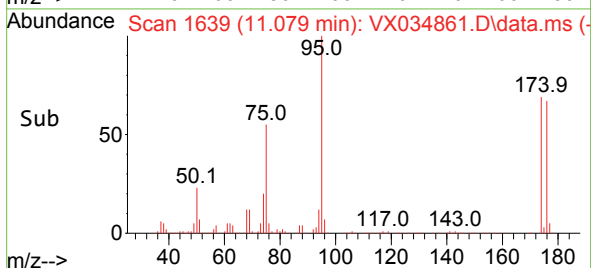
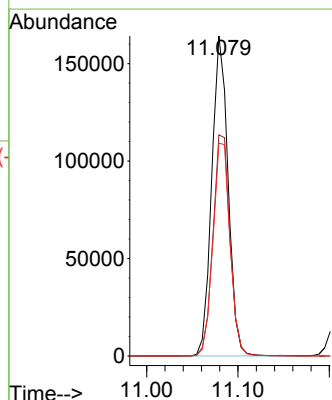
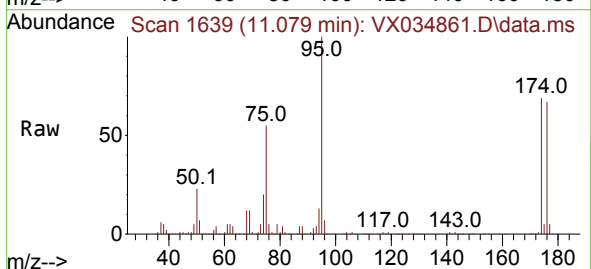
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

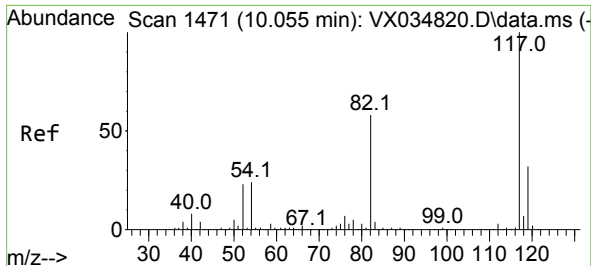
Tgt Ion:107 Resp: 157899  
Ion Ratio Lower Upper  
107 100  
109 93.7 75.3 112.9



#62  
4-Bromofluorobenzene  
Concen: 51.149 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 95 Resp: 203110  
Ion Ratio Lower Upper  
95 100  
174 72.2 0.0 147.4  
176 70.0 0.0 140.6

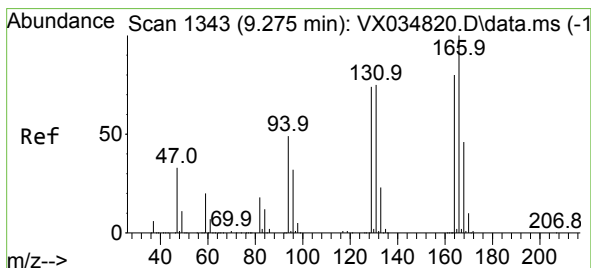
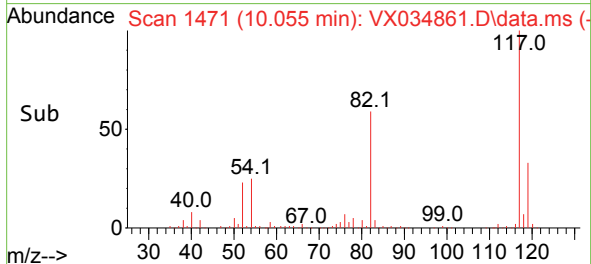
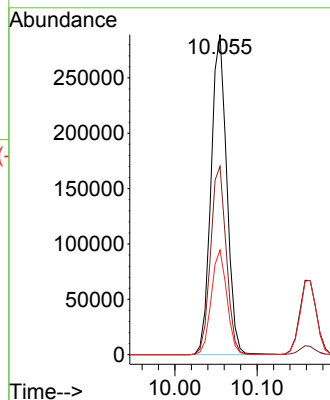
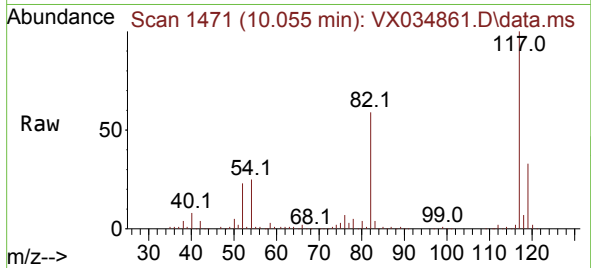




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

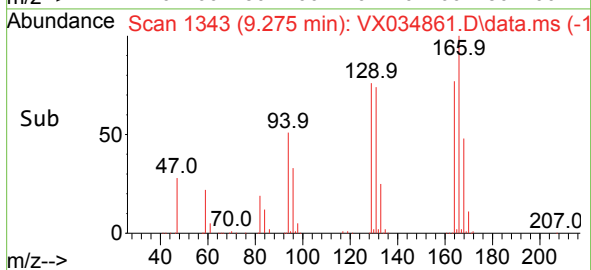
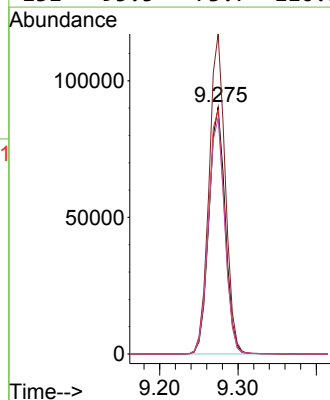
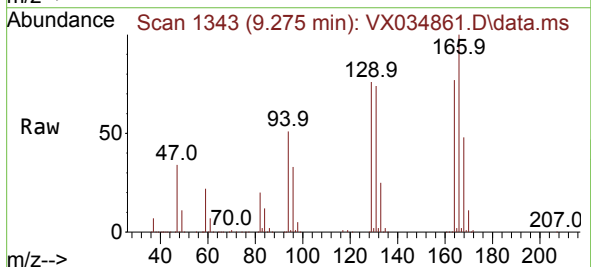
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

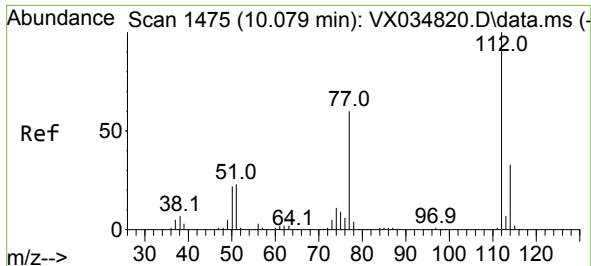
Tgt Ion:117 Resp: 383664  
Ion Ratio Lower Upper  
117 100  
82 58.9 45.0 67.4  
119 32.7 26.0 39.0



#64  
Tetrachloroethene  
Concen: 47.537 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion:164 Resp: 130206  
Ion Ratio Lower Upper  
164 100  
166 129.8 102.7 154.1  
129 98.9 75.6 113.4  
131 95.5 73.7 110.5

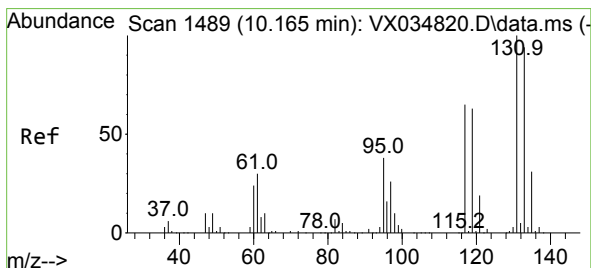
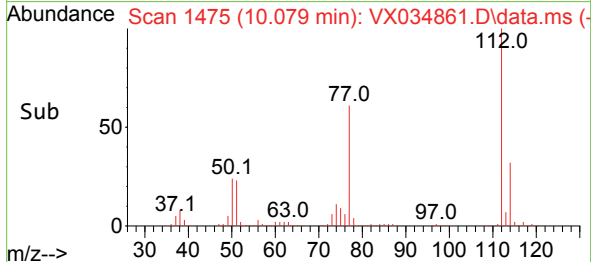
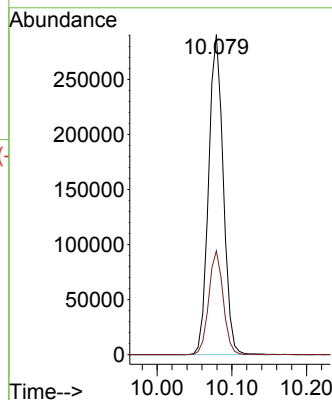
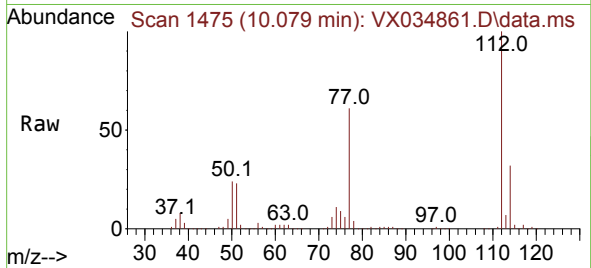




#65  
Chlorobenzene  
Concen: 50.058 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

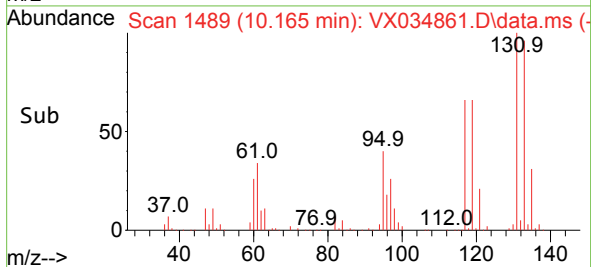
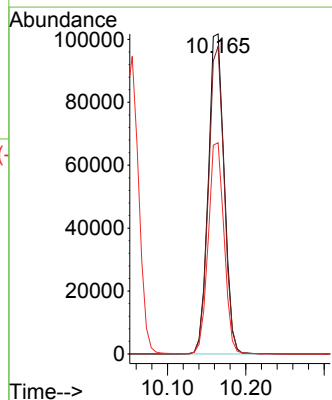
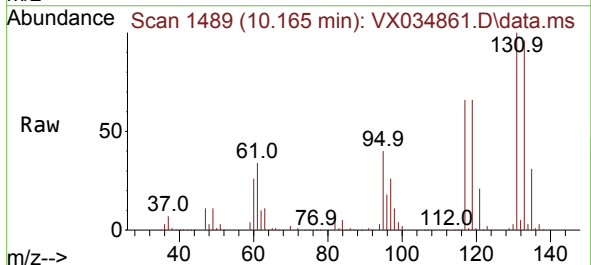
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

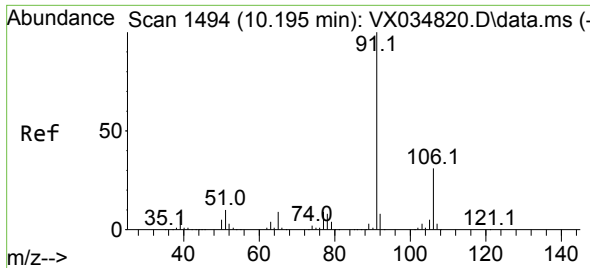
Tgt Ion:112 Resp: 395246  
Ion Ratio Lower Upper  
112 100  
114 32.4 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.815 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion:131 Resp: 143476  
Ion Ratio Lower Upper  
131 100  
133 94.7 47.1 141.4  
119 65.5 32.6 98.0

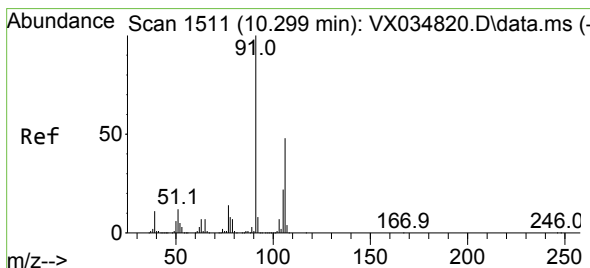
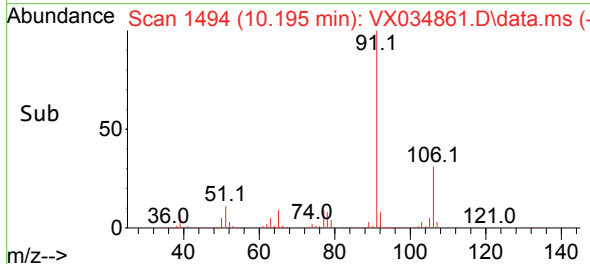
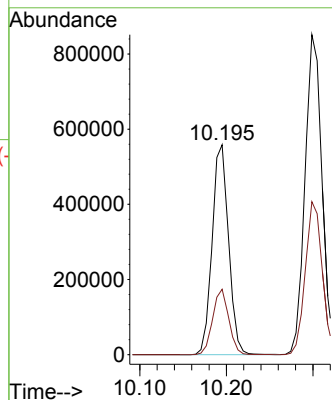
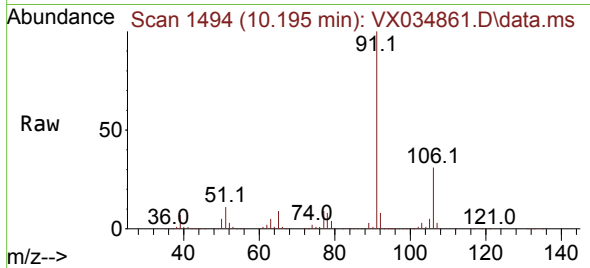




#67  
Ethyl Benzene  
Concen: 51.052 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

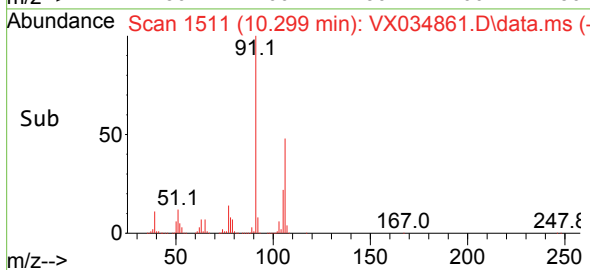
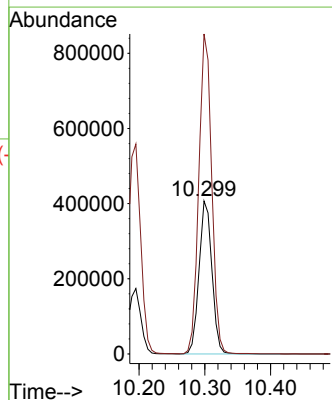
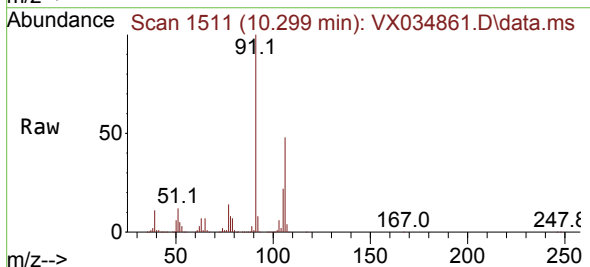
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

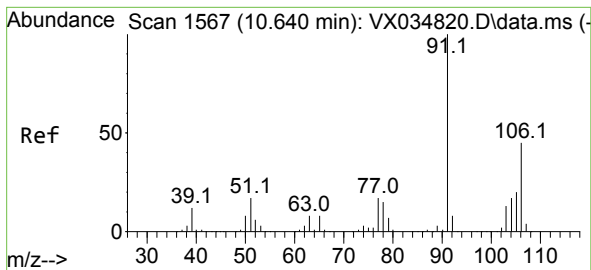
Tgt Ion: 91 Resp: 735764  
Ion Ratio Lower Upper  
91 100  
106 31.1 25.6 38.4



#68  
m/p-Xylenes  
Concen: 101.647 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 106 Resp: 554382  
Ion Ratio Lower Upper  
106 100  
91 209.3 164.0 246.0

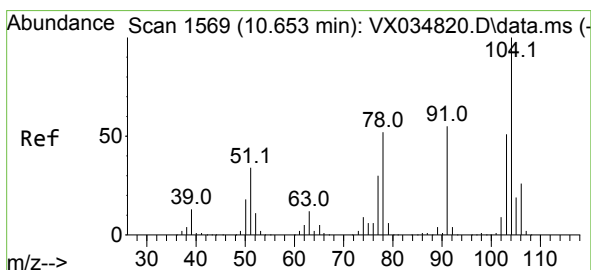
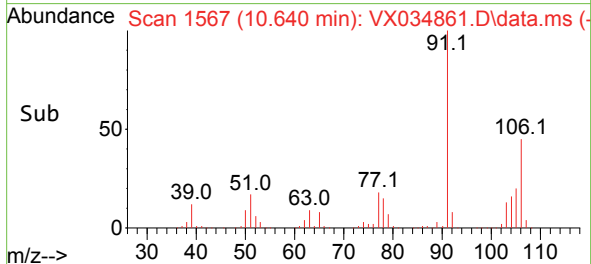
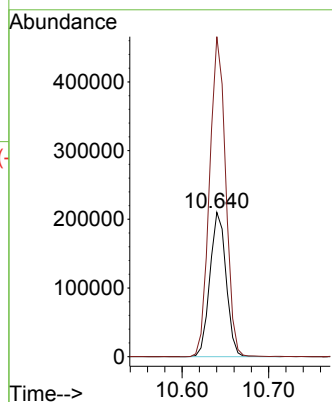
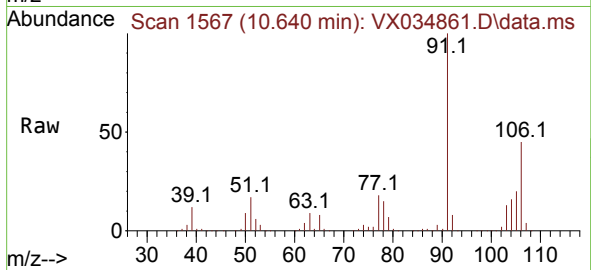




#69  
o-Xylene  
Concen: 50.346 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

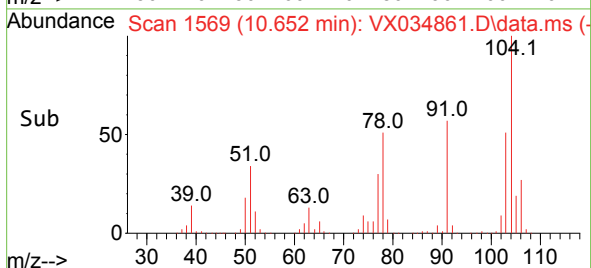
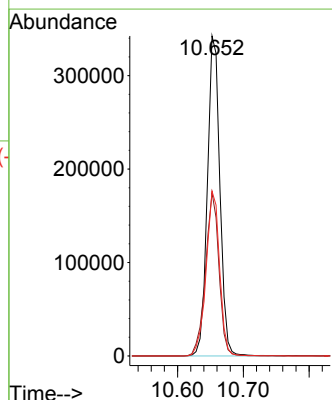
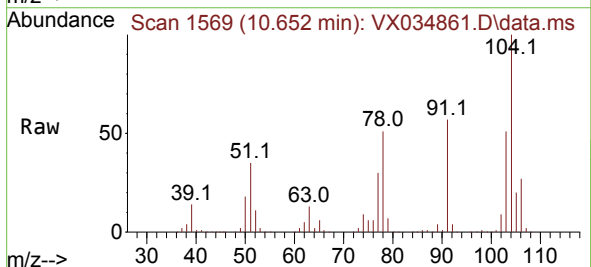
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

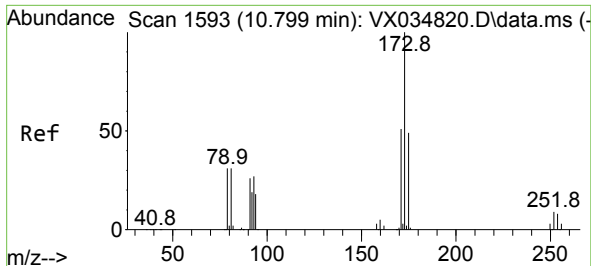
Tgt Ion:106 Resp: 272765  
Ion Ratio Lower Upper  
106 100  
91 220.4 108.5 325.3



#70  
Styrene  
Concen: 52.401 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.001 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion:104 Resp: 452877  
Ion Ratio Lower Upper  
104 100  
78 55.2 43.4 65.2  
103 55.6 44.2 66.2

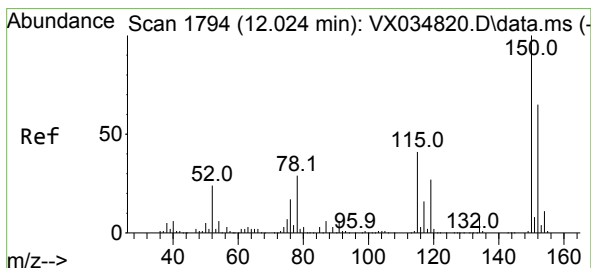
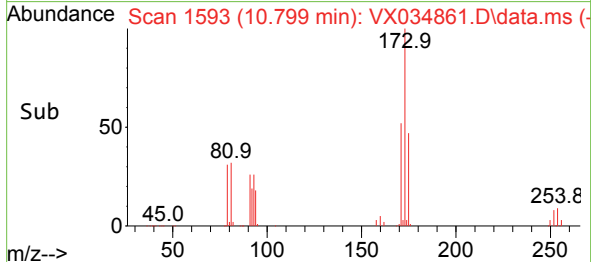
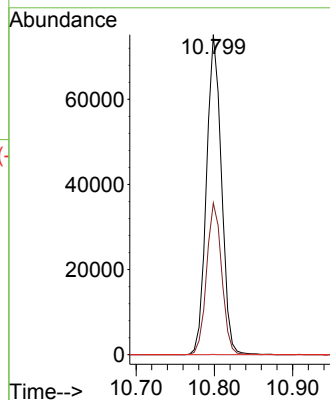
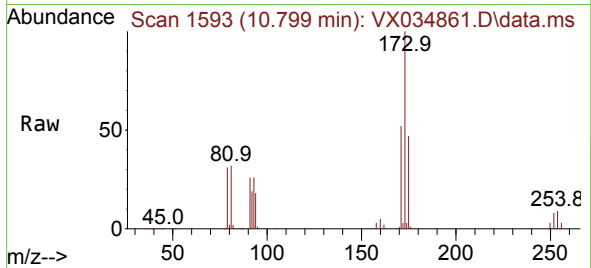




#71  
Bromoform  
Concen: 46.354 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

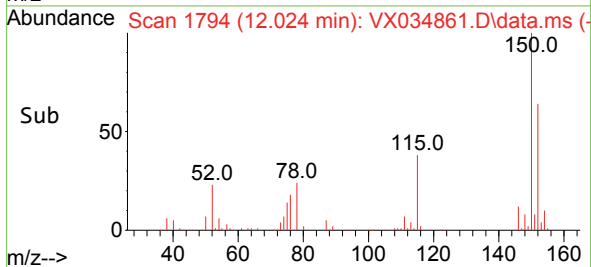
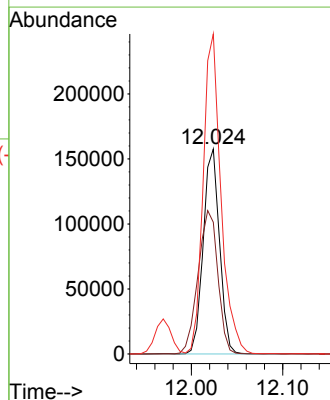
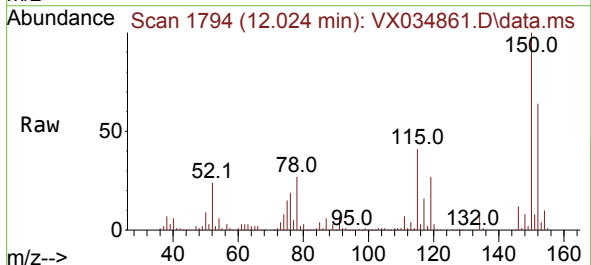
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:173 Resp: 99516  
Ion Ratio Lower Upper  
173 100  
175 47.9 24.1 72.4  
254 0.0 0.1 0.1#

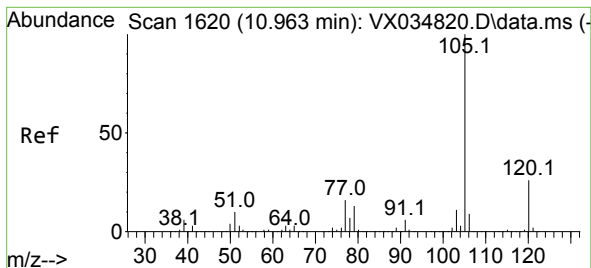


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion:152 Resp: 195172  
Ion Ratio Lower Upper  
152 100  
115 85.0 45.0 135.0  
150 170.7 0.0 352.4







#73

Isopropylbenzene

Concen: 49.862 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034861.D

Acq: 30 Mar 2023 18:33

Instrument :

MSVOA\_X

ClientSampleId :

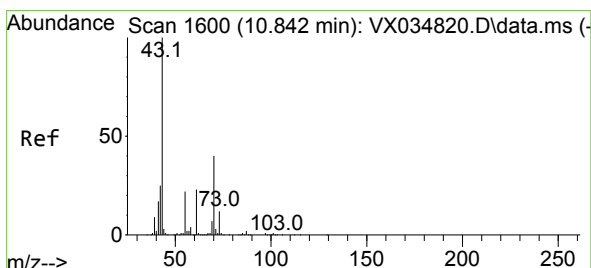
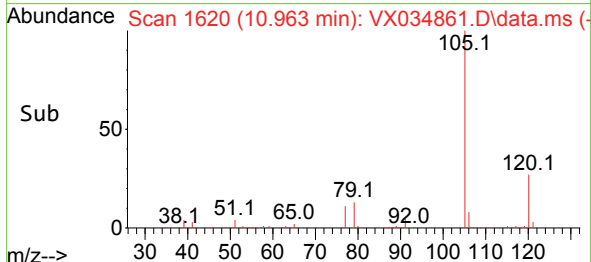
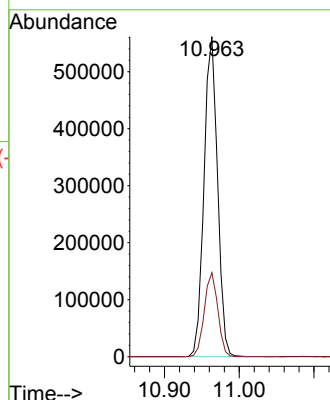
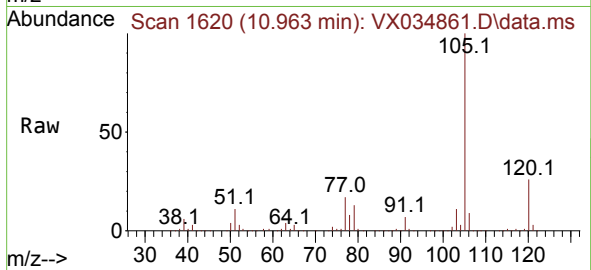
VSTDCCC050EC

Tgt Ion:105 Resp: 703804

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.9



#74

N-ethyl acetate

Concen: 52.369 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX034861.D

Acq: 30 Mar 2023 18:33

Tgt Ion: 43 Resp: 339380

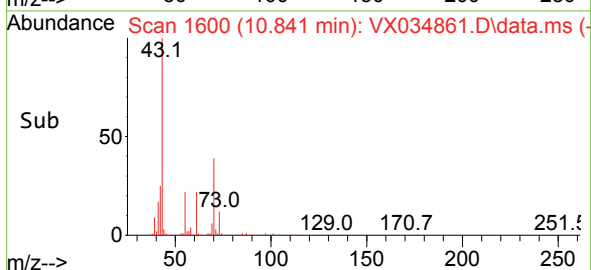
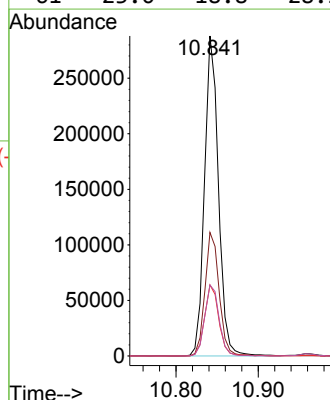
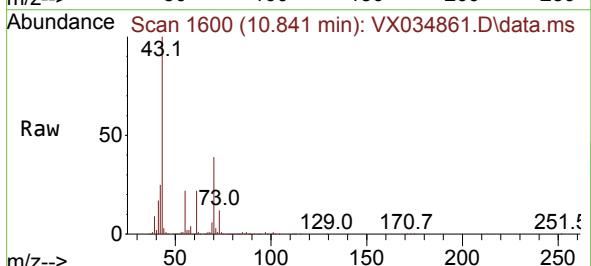
Ion Ratio Lower Upper

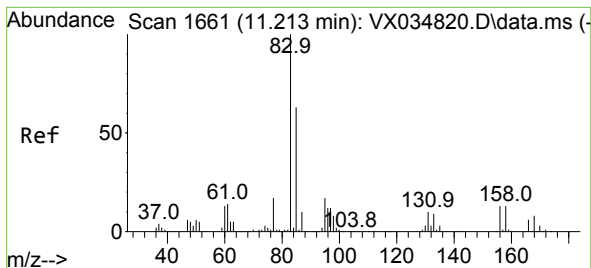
43 100

70 39.4 32.1 48.1

55 22.8 18.3 27.5

61 23.0 18.8 28.2

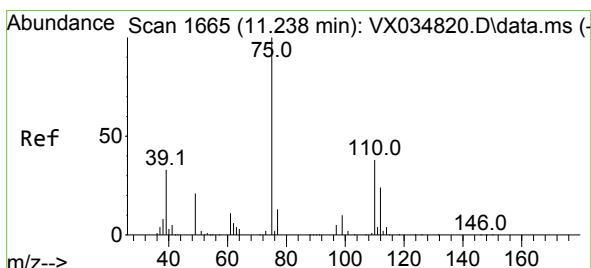
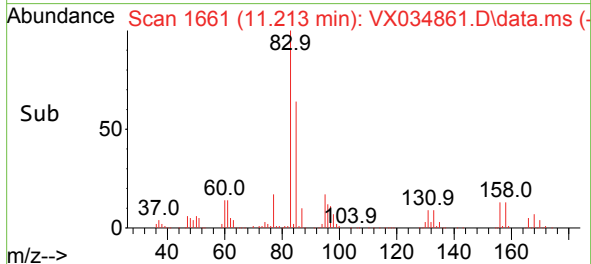
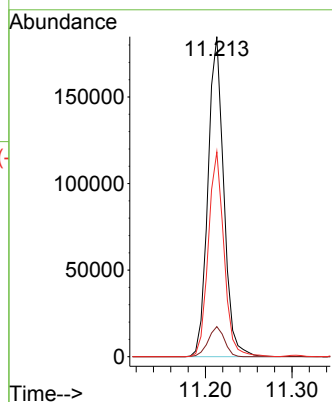
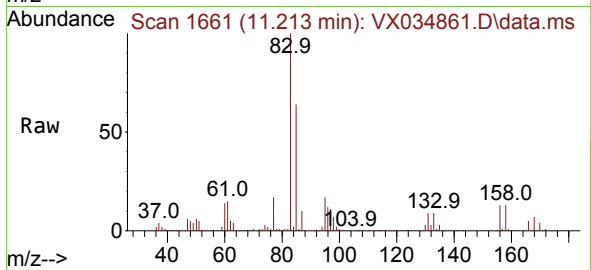




#75  
1,1,2,2-Tetrachloroethane  
Concen: 50.332 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

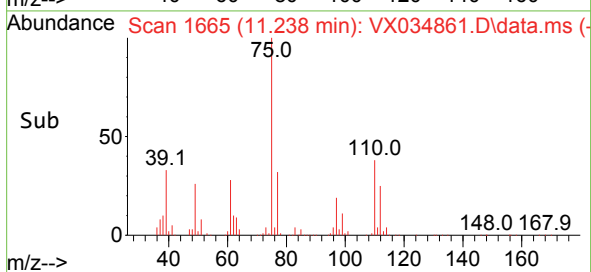
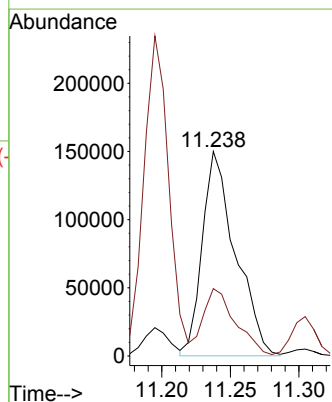
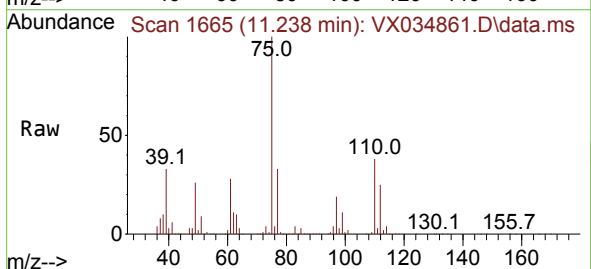
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

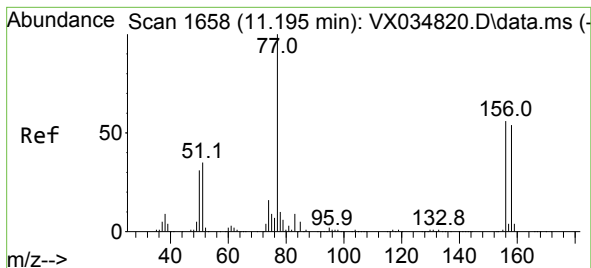
Tgt Ion: 83 Resp: 234171  
Ion Ratio Lower Upper  
83 100  
131 9.7 4.8 14.3  
85 63.6 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 63.285 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 75 Resp: 252917  
Ion Ratio Lower Upper  
75 100  
77 32.3 21.6 64.8





#77

Bromobenzene

Concen: 49.093 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034861.D

Acq: 30 Mar 2023 18:33

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

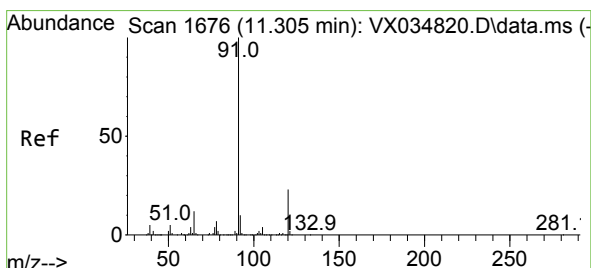
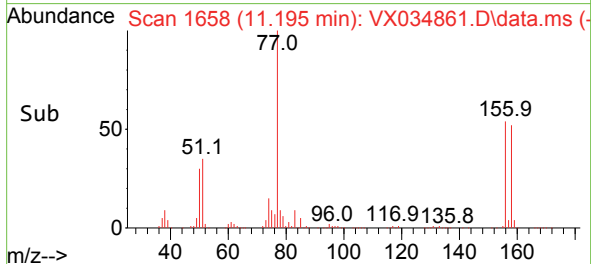
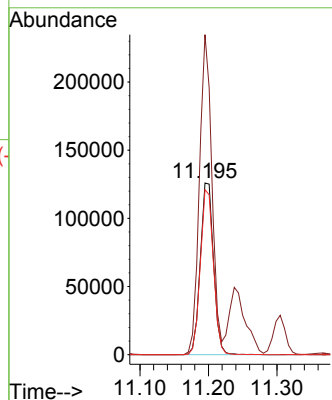
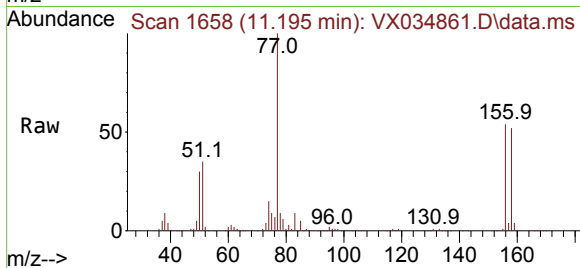
Tgt Ion:156 Resp: 169448

Ion Ratio Lower Upper

156 100

77 175.8 86.7 259.9

158 95.5 48.0 144.0



#78

n-propylbenzene

Concen: 50.629 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX034861.D

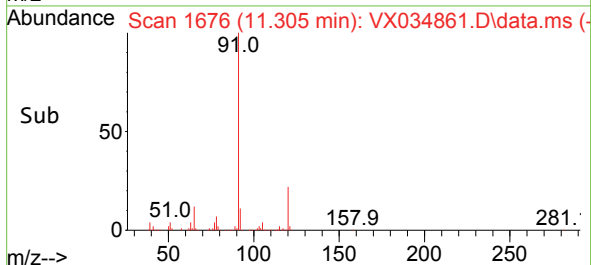
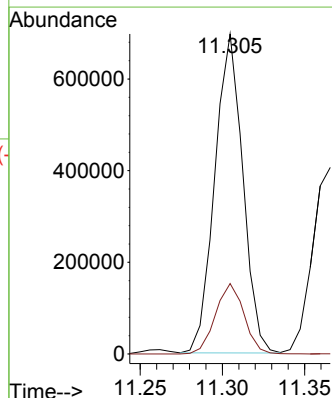
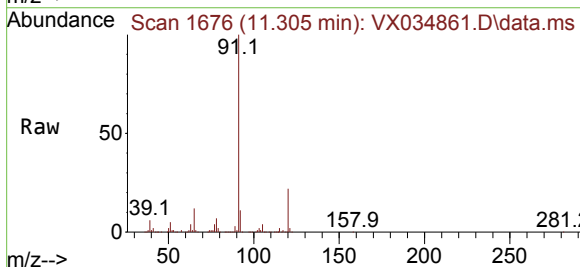
Acq: 30 Mar 2023 18:33

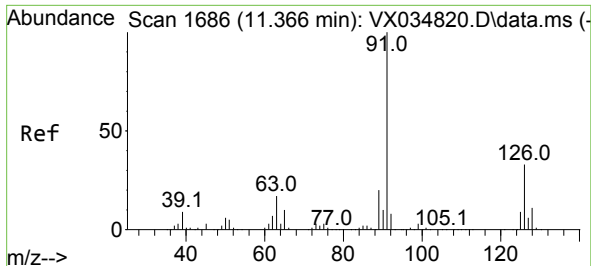
Tgt Ion: 91 Resp: 825087

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.5

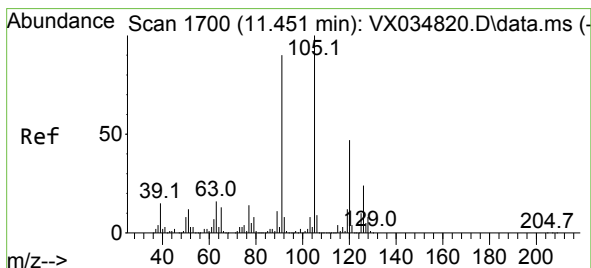
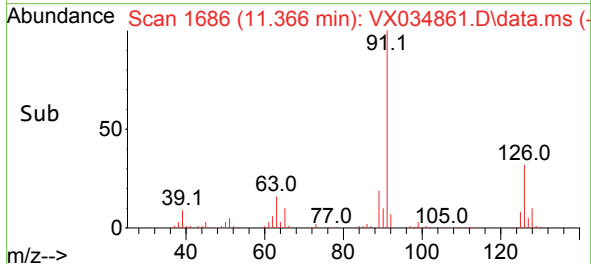
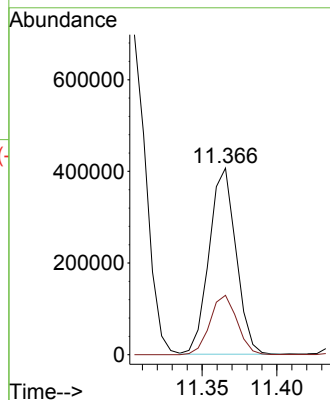
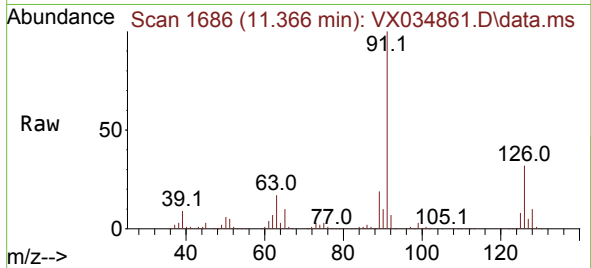




#79  
2-Chlorotoluene  
Concen: 48.670 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

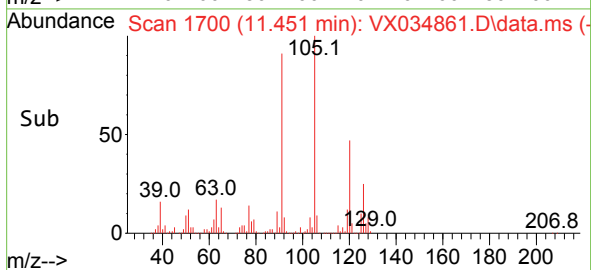
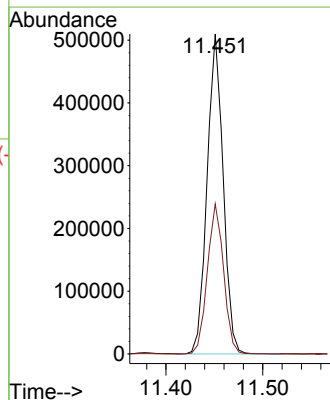
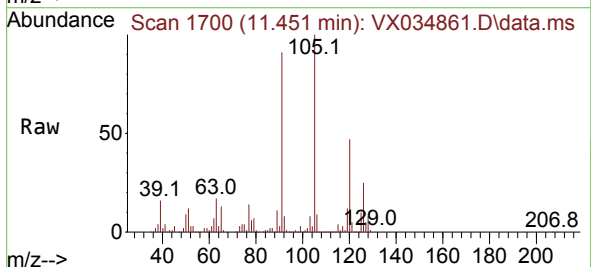
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

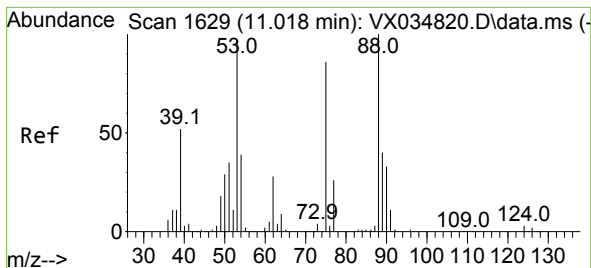
Tgt Ion: 91 Resp: 508981  
Ion Ratio Lower Upper  
91 100  
126 32.2 16.3 48.9



#80  
1,3,5-Trimethylbenzene  
Concen: 49.456 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 105 Resp: 588341  
Ion Ratio Lower Upper  
105 100  
120 47.6 23.7 71.1

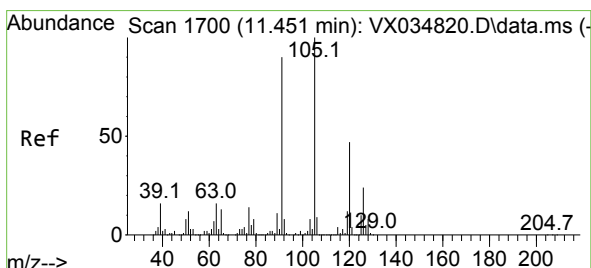
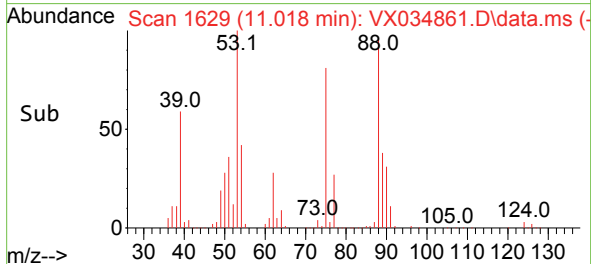
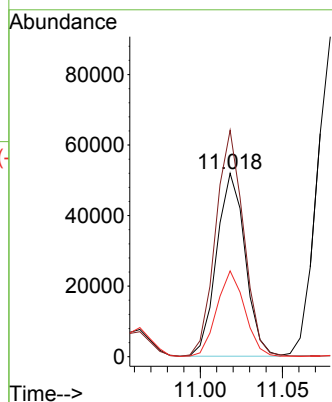
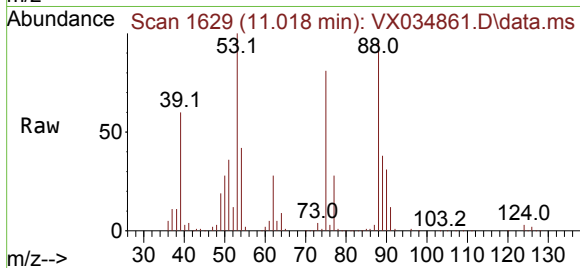




#81  
trans-1,4-Dichloro-2-butene  
Concen: 44.315 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

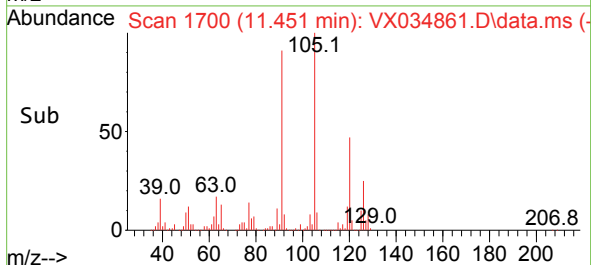
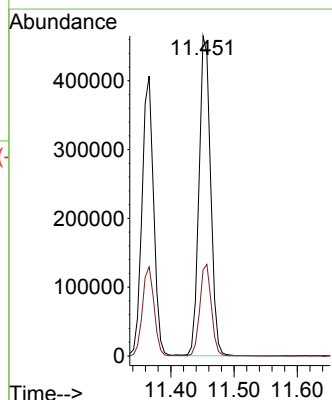
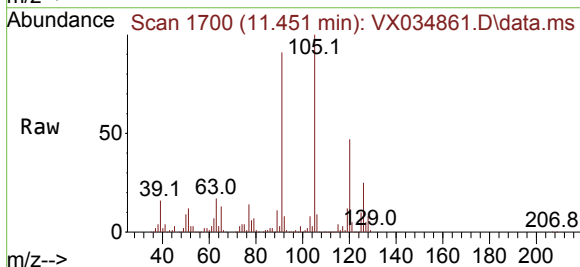
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

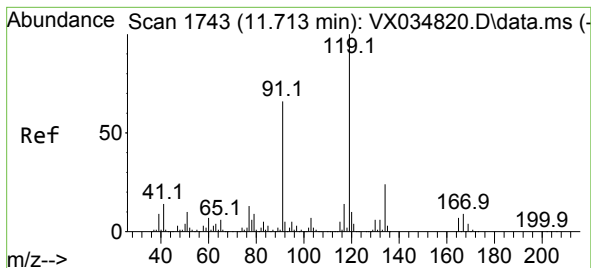
Tgt Ion: 75 Resp: 62711  
Ion Ratio Lower Upper  
75 100  
53 122.0 82.6 124.0  
89 45.8 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 49.330 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 91 Resp: 592653  
Ion Ratio Lower Upper  
91 100  
126 28.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.178 ug/l

RT: 11.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034861.D

Acq: 30 Mar 2023 18:33

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

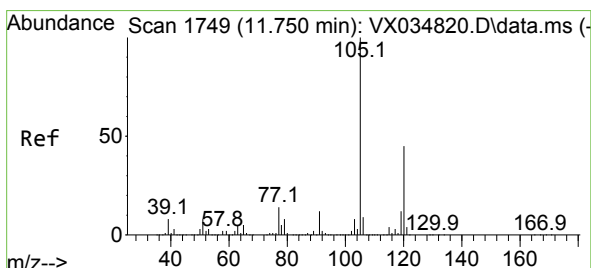
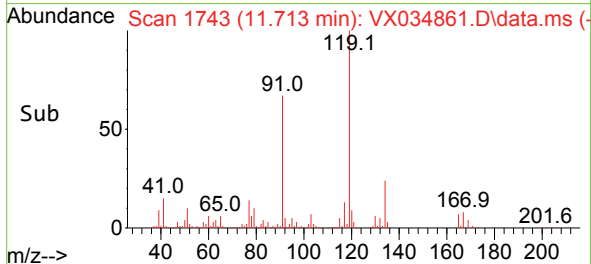
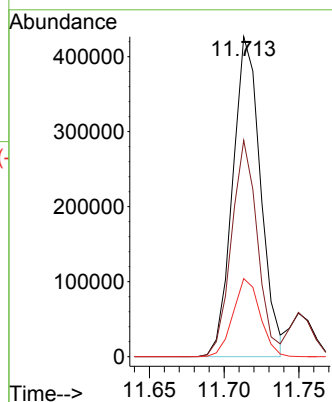
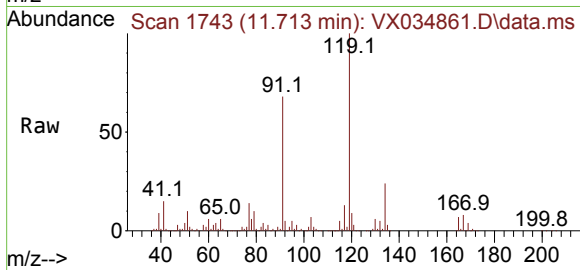
Tgt Ion:119 Resp: 553663

Ion Ratio Lower Upper

119 100

91 63.1 30.6 92.0

134 23.7 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 50.383 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX034861.D

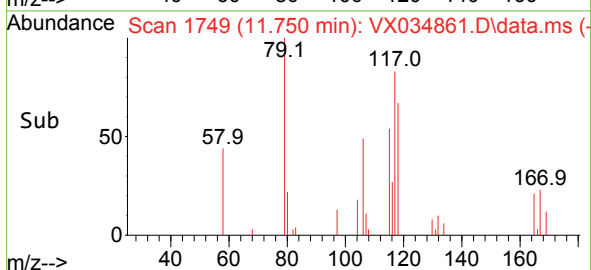
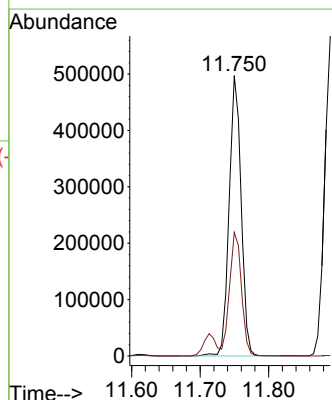
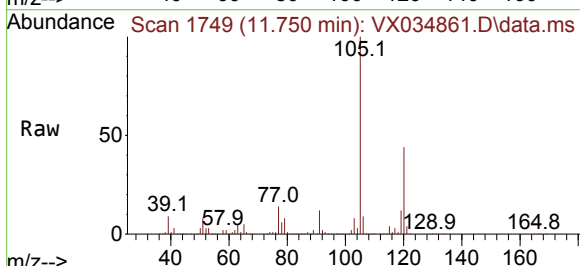
Acq: 30 Mar 2023 18:33

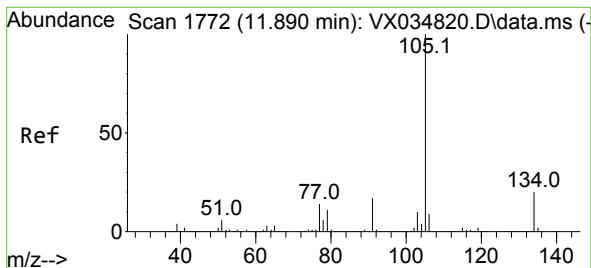
Tgt Ion:105 Resp: 603523

Ion Ratio Lower Upper

105 100

120 43.7 22.4 67.0

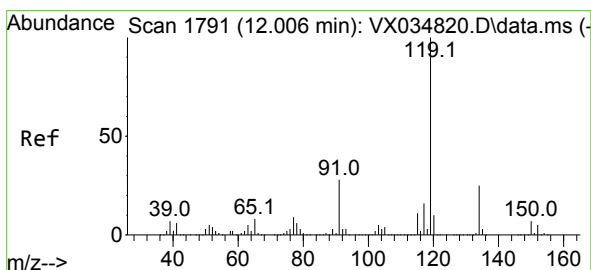
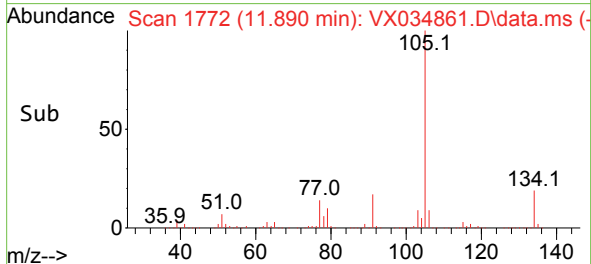
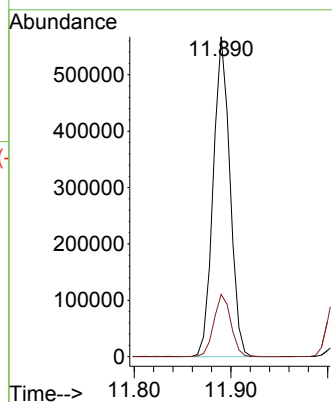
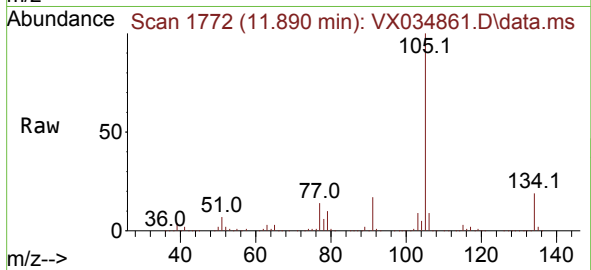




#85  
sec-Butylbenzene  
Concen: 50.031 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

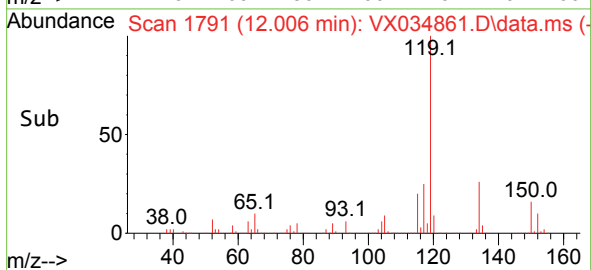
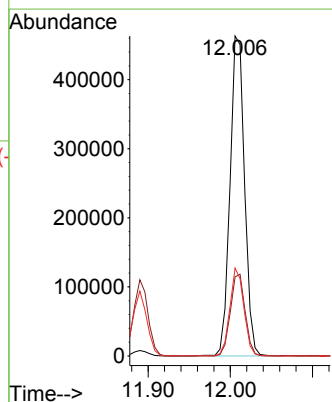
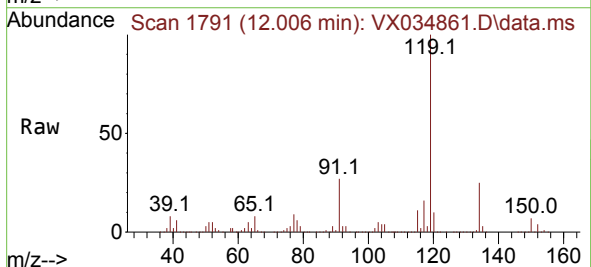
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

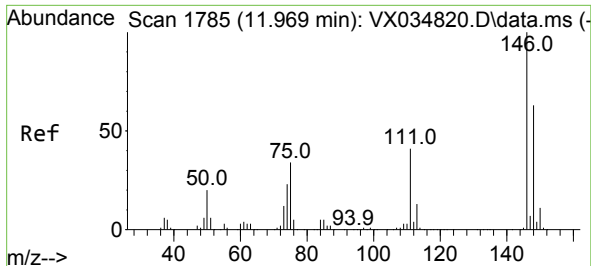
Tgt Ion:105 Resp: 682718  
Ion Ratio Lower Upper  
105 100  
134 19.8 10.2 30.4



#86  
p-Isopropyltoluene  
Concen: 50.386 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion:119 Resp: 570961  
Ion Ratio Lower Upper  
119 100  
134 26.0 13.2 39.5  
91 26.4 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 49.167 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034861.D

Acq: 30 Mar 2023 18:33

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

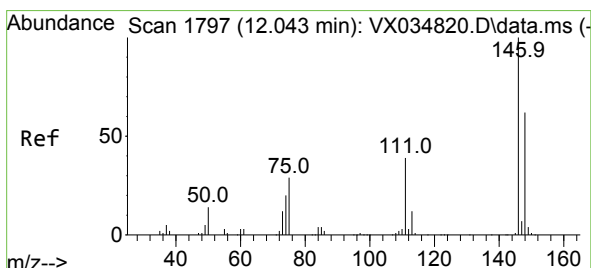
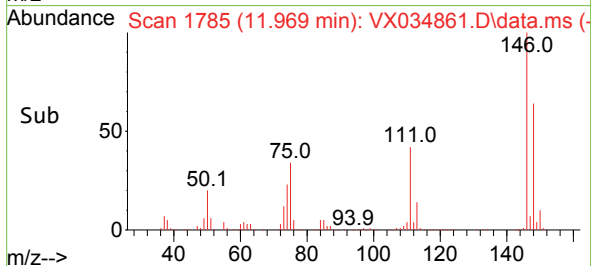
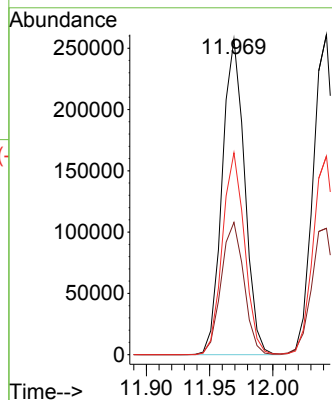
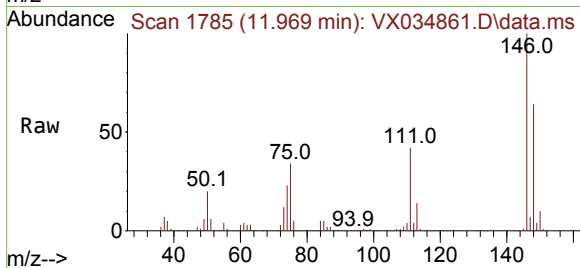
Tgt Ion:146 Resp: 317341

Ion Ratio Lower Upper

146 100

111 42.5 20.9 62.8

148 63.1 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 48.229 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX034861.D

Acq: 30 Mar 2023 18:33

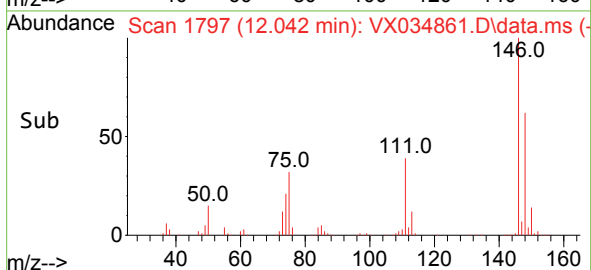
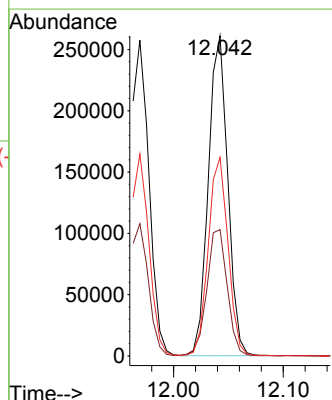
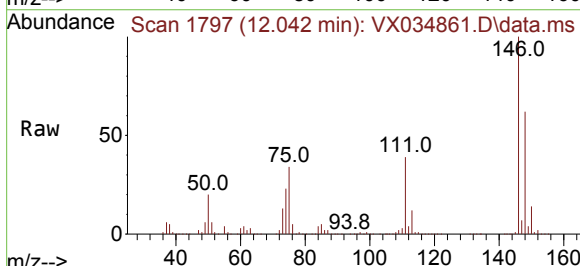
Tgt Ion:146 Resp: 321788

Ion Ratio Lower Upper

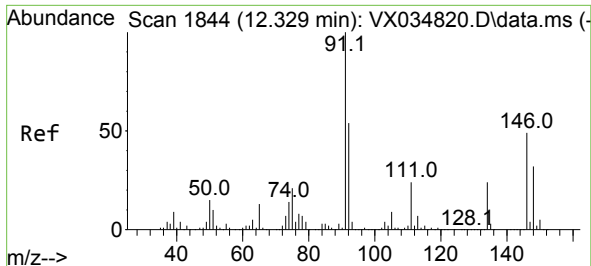
146 100

111 41.6 20.6 61.9

148 63.3 31.8 95.4



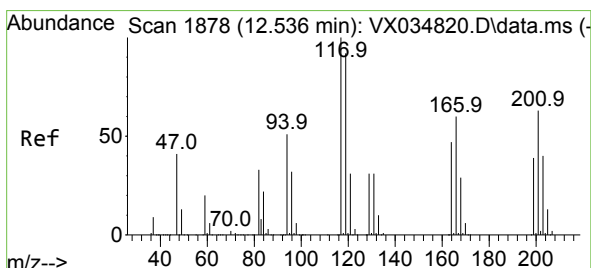
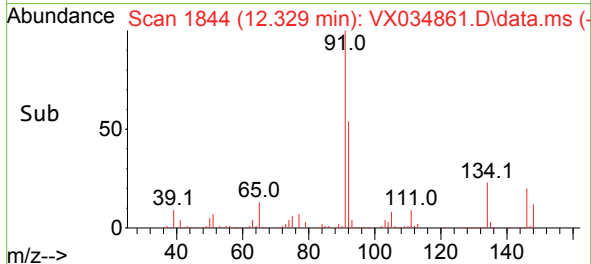
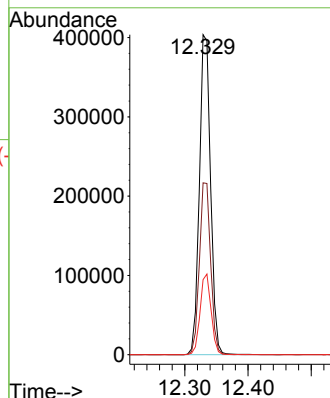
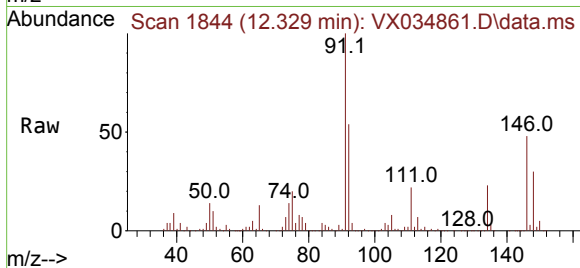




#89  
n-Butylbenzene  
Concen: 50.390 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

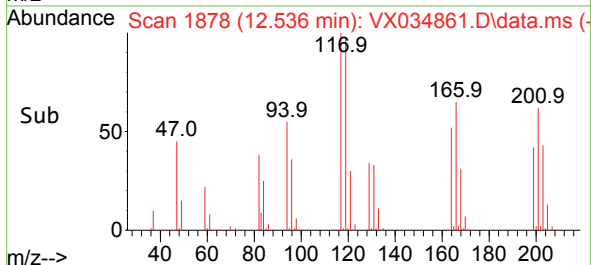
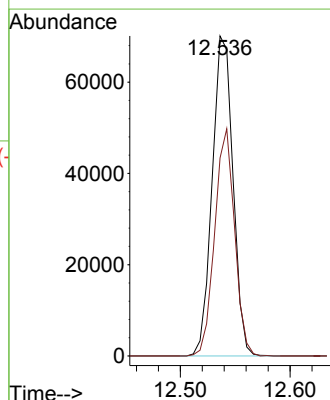
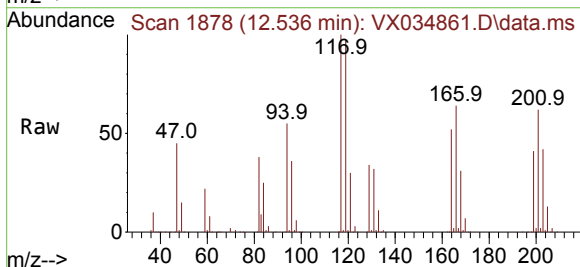
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

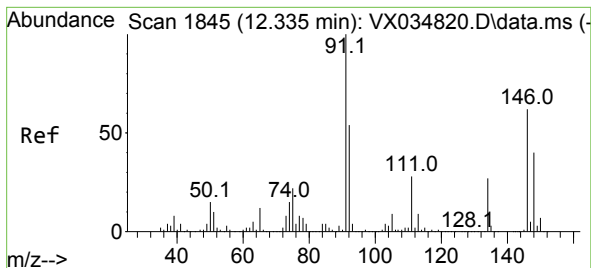
Tgt Ion: 91 Resp: 497783  
Ion Ratio Lower Upper  
91 100  
92 54.0 27.7 83.0  
134 24.8 13.0 38.9



#90  
Hexachloroethane  
Concen: 49.469 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 117 Resp: 92328  
Ion Ratio Lower Upper  
117 100  
201 68.1 34.4 103.1

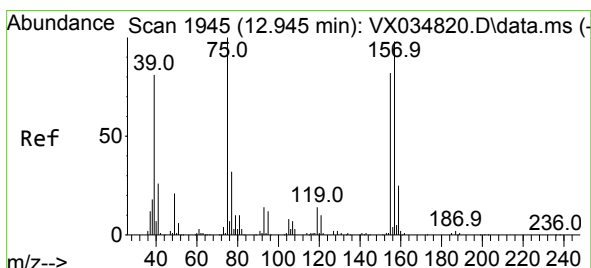
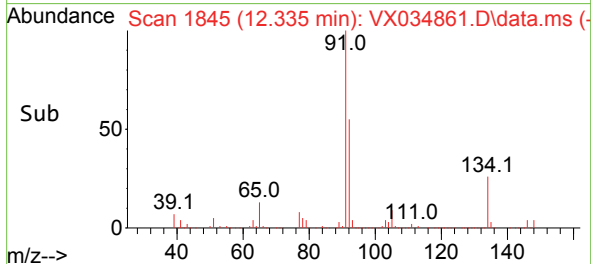
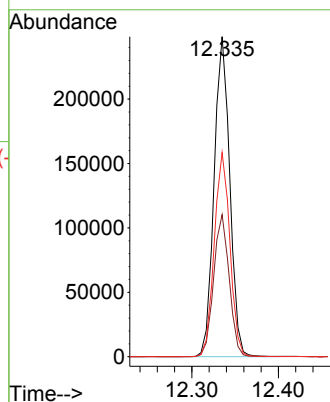
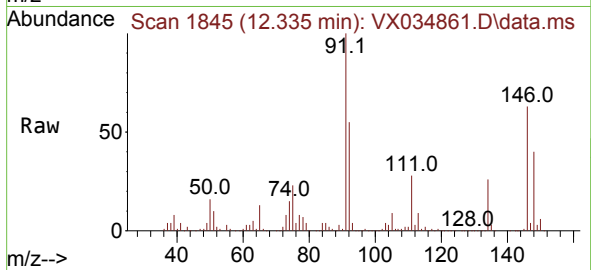




#91  
1,2-Dichlorobenzene  
Concen: 48.866 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

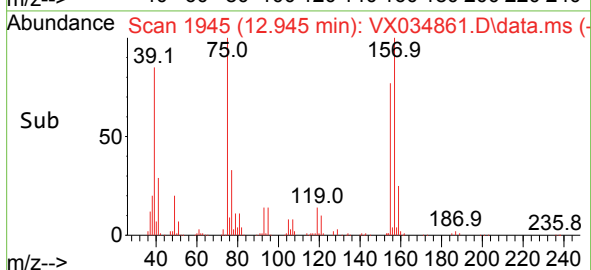
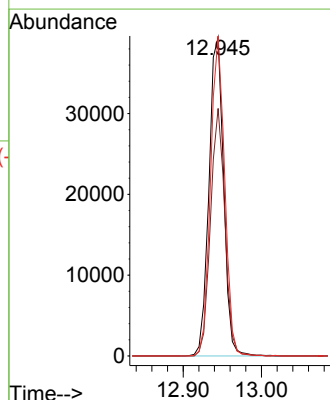
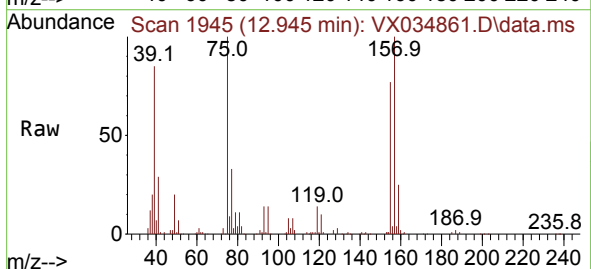
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

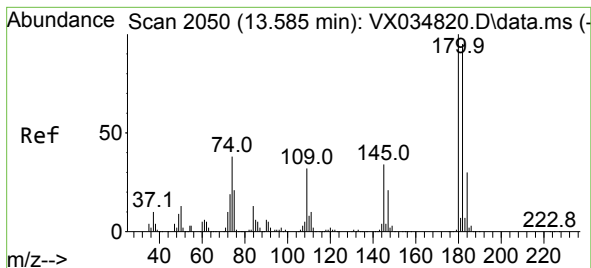
Tgt Ion:146 Resp: 312008  
Ion Ratio Lower Upper  
146 100  
111 44.2 22.0 66.0  
148 63.8 32.0 96.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.522 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion: 75 Resp: 51055  
Ion Ratio Lower Upper  
75 100  
155 75.9 38.4 115.1  
157 96.9 49.9 149.7

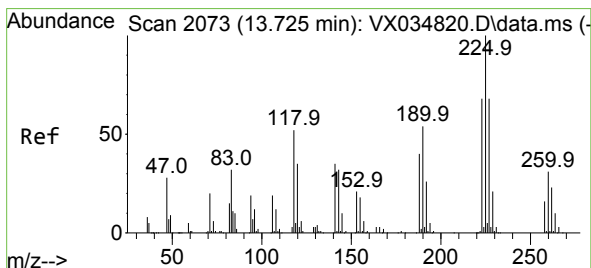
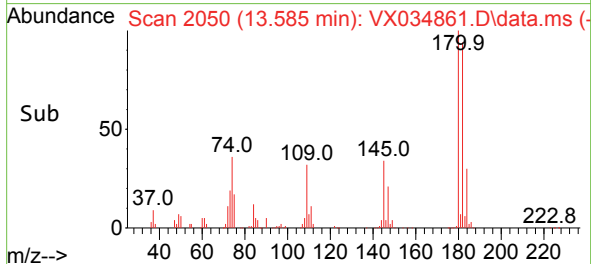
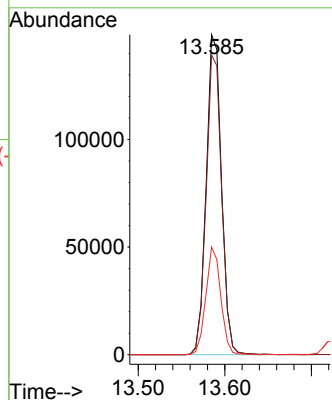
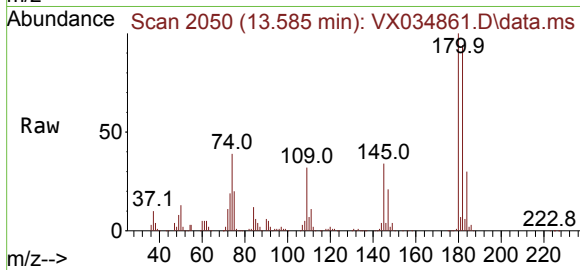




#93  
1,2,4-Trichlorobenzene  
Concen: 49.350 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

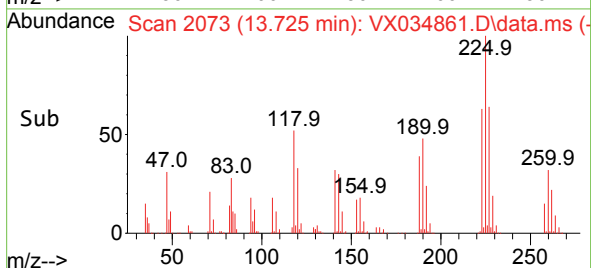
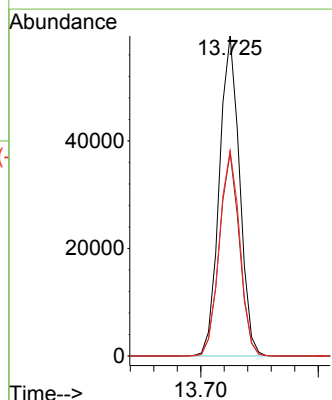
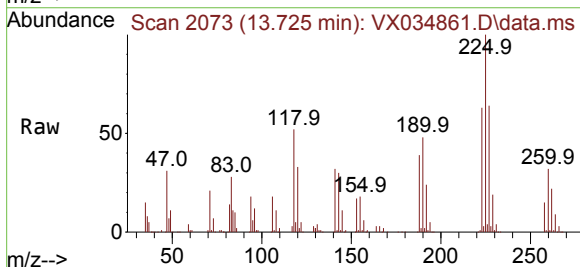
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

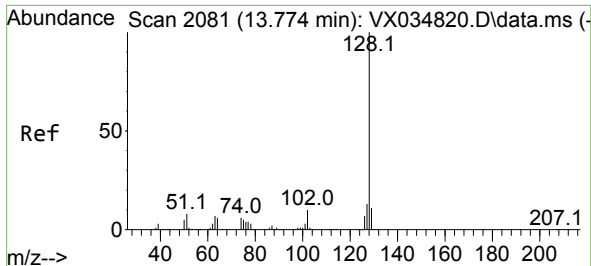
Tgt Ion:180 Resp: 182095  
Ion Ratio Lower Upper  
180 100  
182 94.9 47.0 141.0  
145 32.9 15.9 47.7



#94  
Hexachlorobutadiene  
Concen: 49.106 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion:225 Resp: 71156  
Ion Ratio Lower Upper  
225 100  
223 62.9 32.1 96.5  
227 65.1 31.8 95.4

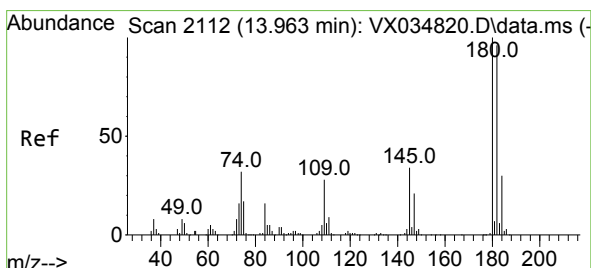
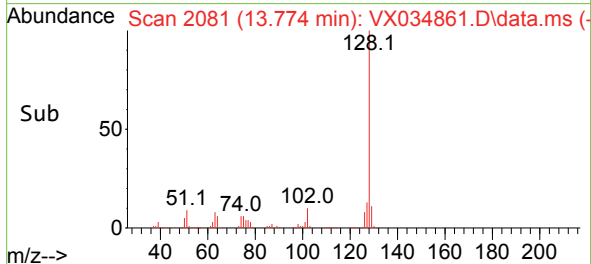
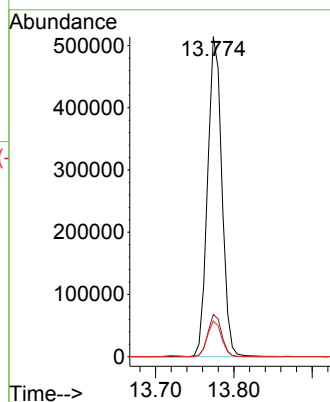
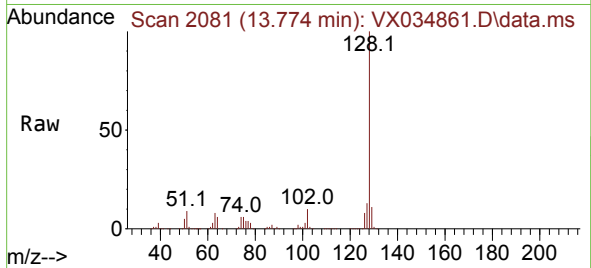




#95  
Naphthalene  
Concen: 49.920 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 647908  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.2 15.4  
129 11.1 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 48.786 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX034861.D  
Acq: 30 Mar 2023 18:33

Tgt Ion:180 Resp: 180000  
Ion Ratio Lower Upper  
180 100  
182 94.4 48.0 144.2  
145 33.8 17.7 53.1

