

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022323\  
 Data File : VX034238.D  
 Acq On : 23 Feb 2023 10:26  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Feb 23 21:37:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 17 12:33:35 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 321795   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 521302   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 467298   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 241234   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 204537   | 47.196   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 94.400%  |
| 35) Dibromofluoromethane    | 5.379  | 113   | 174577   | 51.434   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 102.860% |
| 50) Toluene-d8              | 8.647  | 98    | 644552   | 52.892   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 105.780% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 255693   | 54.854   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 109.700% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 139573  | 50.194  | ug/l   | 98  |
| 3) Chloromethane             | 1.301 | 50  | 196831  | 49.189  | ug/l   | 99  |
| 4) Vinyl Chloride            | 1.374 | 62  | 197256  | 54.128  | ug/l   | 99  |
| 5) Bromomethane              | 1.599 | 94  | 92606   | 69.621  | ug/l   | 98  |
| 6) Chloroethane              | 1.685 | 64  | 110314  | 60.213  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 290463  | 58.914  | ug/l   | 97  |
| 8) Diethyl Ether             | 2.130 | 74  | 112402  | 56.590  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 2.325 | 101 | 167258  | 48.172  | ug/l   | 95  |
| 10) Methyl Iodide            | 2.453 | 142 | 203938  | 48.240  | ug/l   | 93  |
| 11) Tert butyl alcohol       | 2.953 | 59  | 210408  | 217.069 | ug/l # | 84  |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 161362  | 46.361  | ug/l   | 94  |
| 13) Acrolein                 | 2.233 | 56  | 104299  | 235.718 | ug/l   | 100 |
| 14) Allyl chloride           | 2.660 | 41  | 331752  | 44.934  | ug/l   | 89  |
| 15) Acrylonitrile            | 3.056 | 53  | 523917  | 247.764 | ug/l   | 99  |
| 16) Acetone                  | 2.373 | 43  | 489531  | 218.971 | ug/l   | 91  |
| 17) Carbon Disulfide         | 2.508 | 76  | 432492  | 43.219  | ug/l   | 99  |
| 18) Methyl Acetate           | 2.697 | 43  | 342268  | 49.479  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 615989  | 50.145  | ug/l   | 97  |
| 20) Methylene Chloride       | 2.788 | 84  | 188195  | 46.720  | ug/l   | 99  |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 178299  | 48.887  | ug/l   | 94  |
| 22) Diisopropyl ether        | 3.757 | 45  | 693134  | 53.550  | ug/l   | 89  |
| 23) Vinyl Acetate            | 3.715 | 43  | 2701491 | 260.503 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 345965  | 48.688  | ug/l   | 99  |
| 25) 2-Butanone               | 4.544 | 43  | 766337  | 236.910 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 4.471 | 77  | 296127  | 46.003  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 215938  | 49.999  | ug/l   | 96  |
| 28) Bromochloromethane       | 4.897 | 49  | 159642  | 50.362  | ug/l   | 87  |
| 29) Tetrahydrofuran          | 4.995 | 42  | 487274  | 246.932 | ug/l   | 98  |
| 30) Chloroform               | 5.086 | 83  | 343829  | 50.391  | ug/l   | 100 |
| 31) Cyclohexane              | 5.464 | 56  | 314121  | 48.547  | ug/l   | 94  |
| 32) 1,1,1-Trichloroethane    | 5.379 | 97  | 298128  | 48.741  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 5.690 | 75  | 253425  | 50.486  | ug/l   | 98  |
| 37) Ethyl Acetate            | 4.702 | 43  | 293301  | 52.282  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 257741  | 49.898  | ug/l   | 98  |
| 39) Methylcyclohexane        | 7.379 | 83  | 325894  | 50.450  | ug/l   | 98  |
| 40) Benzene                  | 6.031 | 78  | 769955  | 51.760  | ug/l   | 99  |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Feb 23 21:37:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 17 12:33:35 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.910  | 41   | 166113   | 53.146   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 268486   | 51.318   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.336  | 43   | 513768   | 51.897   | ug/l   | 99       |
| 44) Trichloroethene           | 7.123  | 130  | 197665   | 51.780   | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 205963   | 52.011   | ug/l   | 97       |
| 46) Dibromomethane            | 7.580  | 93   | 138538   | 53.158   | ug/l   | 87       |
| 47) Bromodichloromethane      | 7.818  | 83   | 275807   | 51.568   | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.690  | 41   | 240871   | 51.263   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.653  | 88   | 94194    | 1005.044 | ug/l # | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.567  | 43   | 1504758  | 276.275  | ug/l   | 99       |
| 52) Toluene                   | 8.714  | 92   | 487845   | 54.124   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 328634   | 53.381   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.360  | 75   | 341485   | 51.813   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 201788   | 55.463   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 335502   | 54.511   | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 343841   | 54.319   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 749060   | 280.951  | ug/l   | 95       |
| 59) 2-Hexanone                | 9.427  | 43   | 1136604  | 273.822  | ug/l   | 98       |
| 60) Dibromochloromethane      | 9.519  | 129  | 221751   | 55.162   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 213360   | 55.450   | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 168099   | 50.969   | ug/l   | 95       |
| 65) Chlorobenzene             | 10.079 | 112  | 518323   | 53.211   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 196980   | 52.237   | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.189 | 91   | 935136   | 53.437   | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.299 | 106  | 725840   | 108.383  | ug/l   | 95       |
| 69) o-Xylene                  | 10.640 | 106  | 361666   | 54.246   | ug/l   | 96       |
| 70) Styrene                   | 10.652 | 104  | 609288   | 56.190   | ug/l   | 96       |
| 71) Bromoform                 | 10.799 | 173  | 168126   | 54.621   | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 931614   | 50.672   | ug/l   | 100      |
| 74) N-amyl acetate            | 10.841 | 43   | 471243   | 51.020   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 321435   | 51.117   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 367502   | 60.543   | ug/l   | 82       |
| 77) Bromobenzene              | 11.195 | 156  | 226446   | 51.182   | ug/l   | 83       |
| 78) n-propylbenzene           | 11.305 | 91   | 1113673  | 52.084   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 666970   | 50.871   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 789321   | 51.065   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 114921   | 48.635   | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 774493   | 51.864   | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 795843   | 50.271   | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 803190   | 51.391   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 1001187  | 52.078   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 843156   | 52.994   | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 433507   | 52.245   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 438107   | 52.347   | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.329 | 91   | 757857   | 53.480   | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 166163   | 49.950   | ug/l   | 80       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 422403   | 52.030   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 70453    | 46.984   | ug/l   | 78       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 272848   | 52.349   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 109665   | 50.754   | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 894430   | 50.941   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 267283   | 51.654   | ug/l   | 98       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

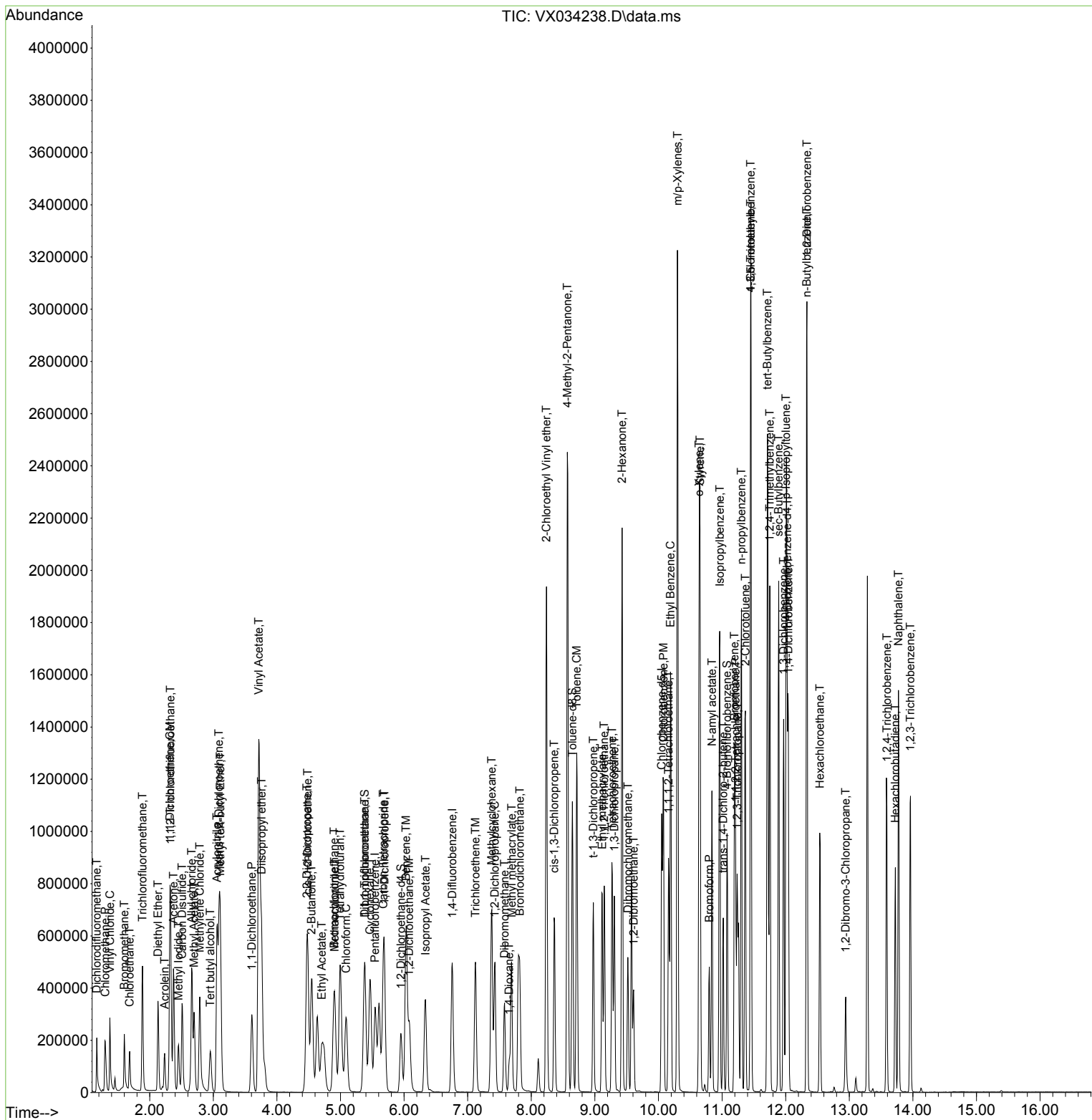
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

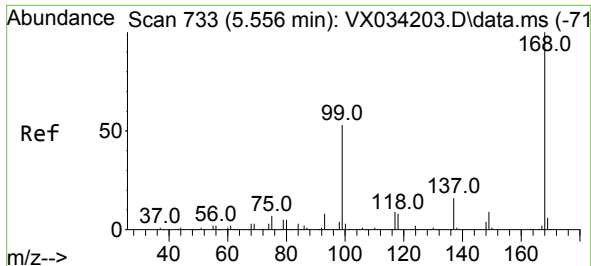
Quant Time: Feb 23 21:37:49 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 17 12:33:35 2023  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260  
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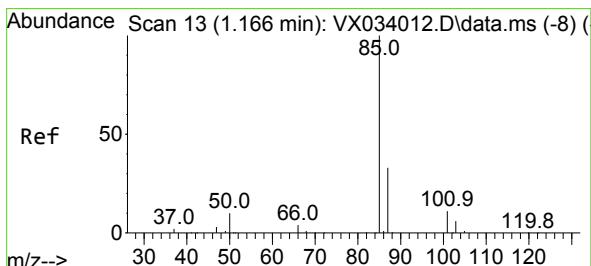
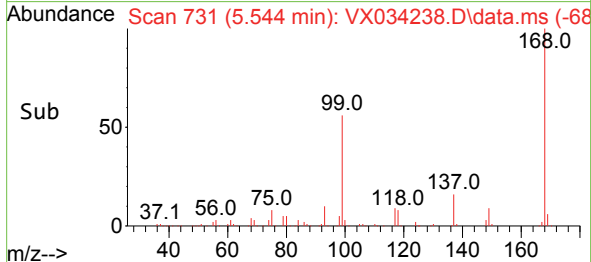
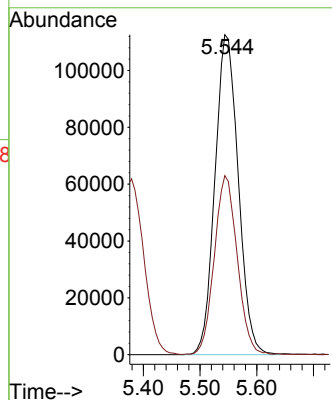
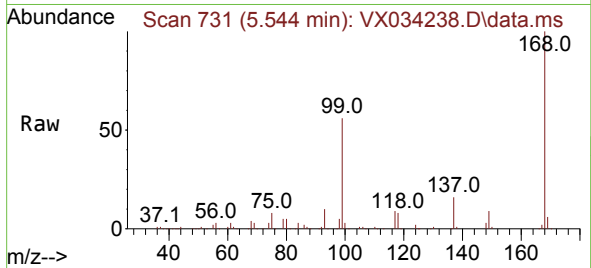




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

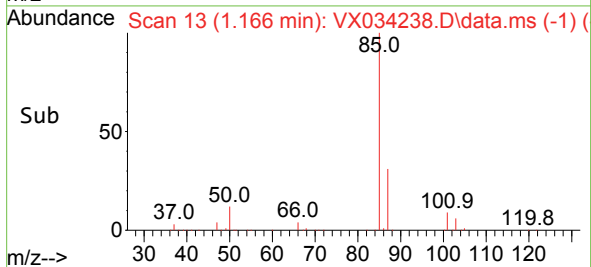
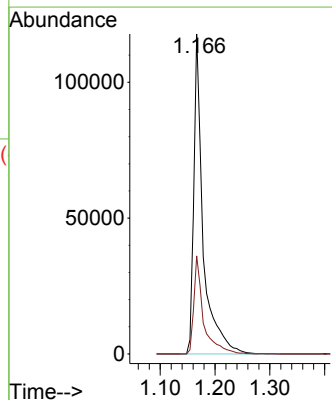
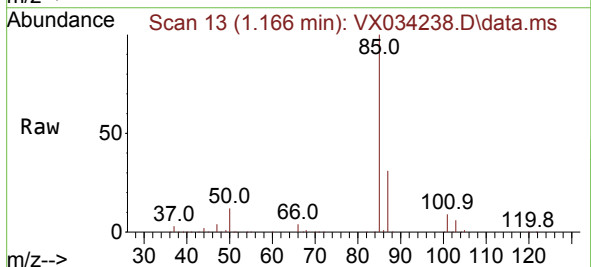
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

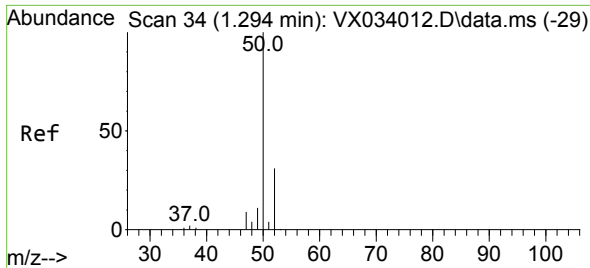
Tgt Ion:168 Resp: 321795  
Ion Ratio Lower Upper  
168 100  
99 55.8 39.6 59.4



#2  
Dichlorodifluoromethane  
Concen: 50.194 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 85 Resp: 139573  
Ion Ratio Lower Upper  
85 100  
87 30.6 15.8 47.4

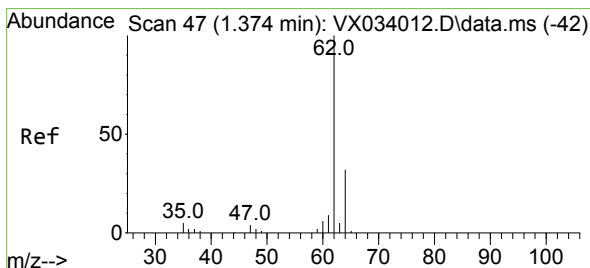
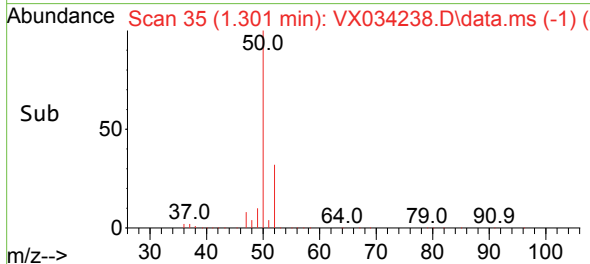
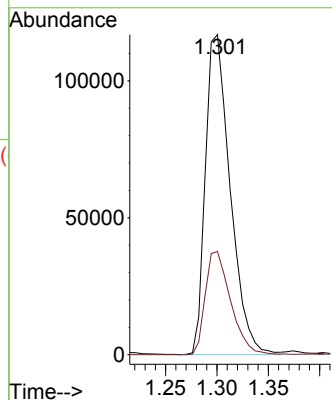
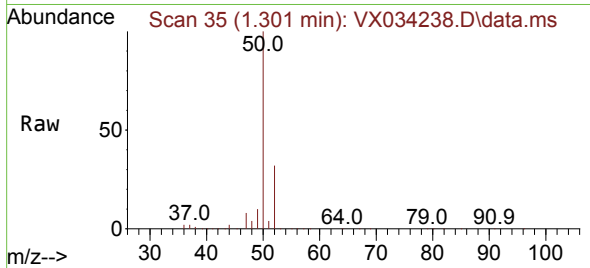




#3  
Chloromethane  
Concen: 49.189 ug/l  
RT: 1.301 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

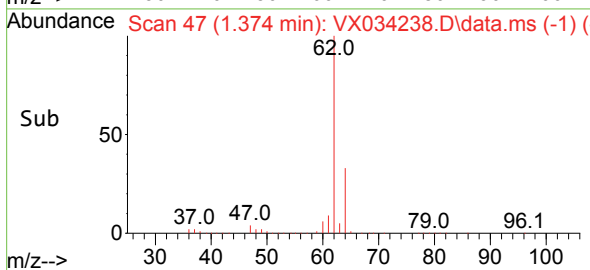
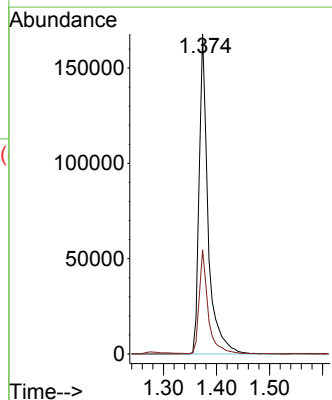
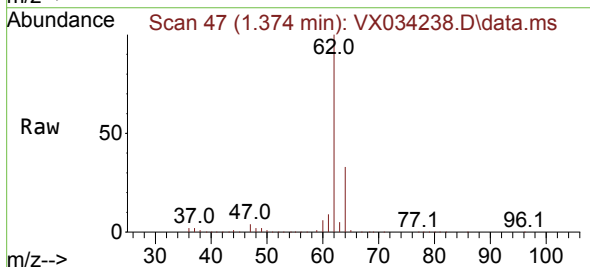
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

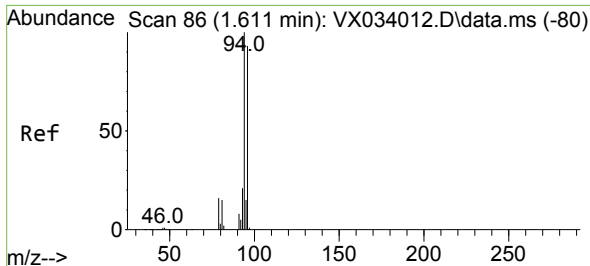
Tgt Ion: 50 Resp: 196831  
Ion Ratio Lower Upper  
50 100  
52 32.3 25.2 37.8



#4  
Vinyl Chloride  
Concen: 54.128 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 62 Resp: 197256  
Ion Ratio Lower Upper  
62 100  
64 32.5 26.2 39.4

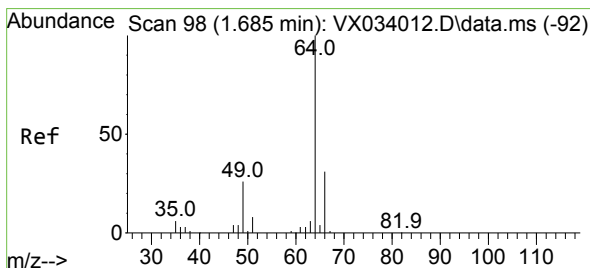
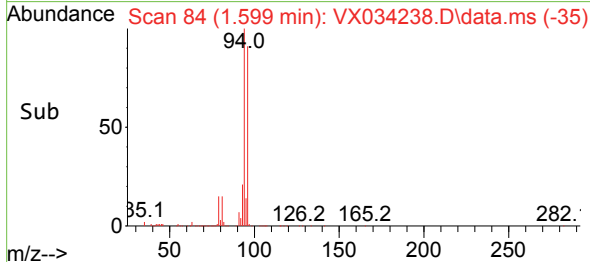
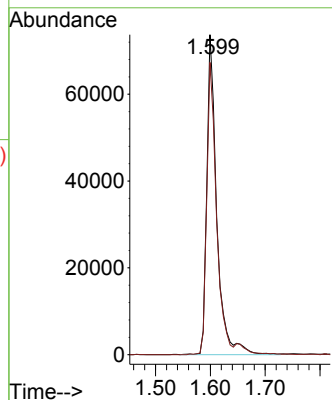
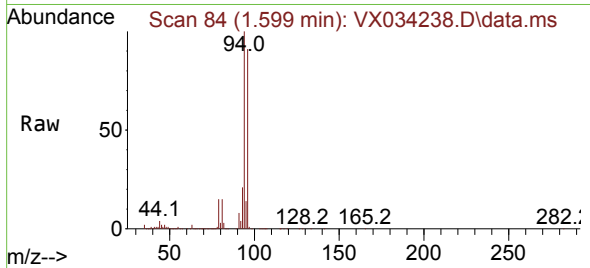




#5  
Bromomethane  
Concen: 69.621 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

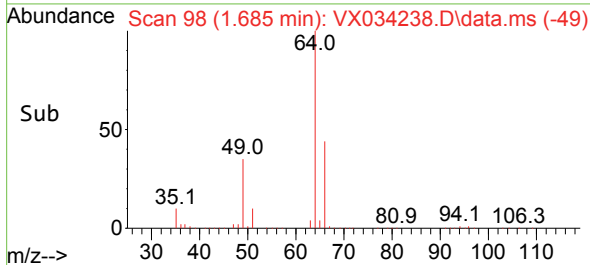
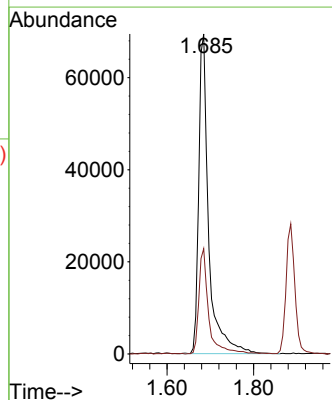
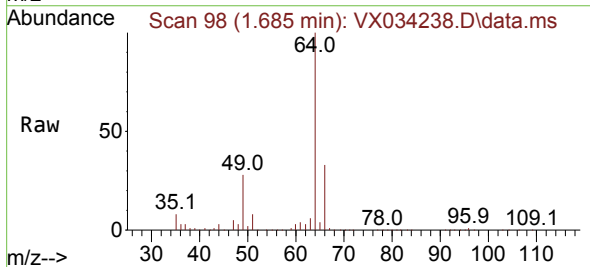
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

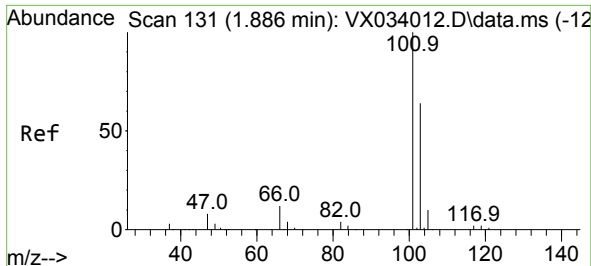
Tgt Ion: 94 Resp: 92606  
Ion Ratio Lower Upper  
94 100  
96 91.4 74.3 111.5



#6  
Chloroethane  
Concen: 60.213 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 64 Resp: 110314  
Ion Ratio Lower Upper  
64 100  
66 32.9 26.1 39.1

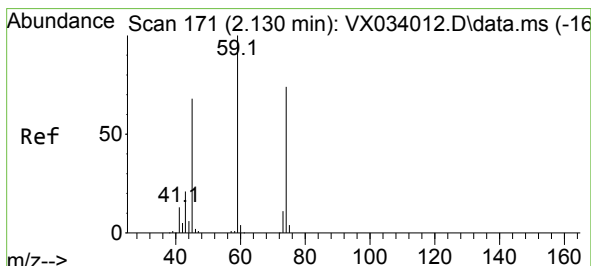
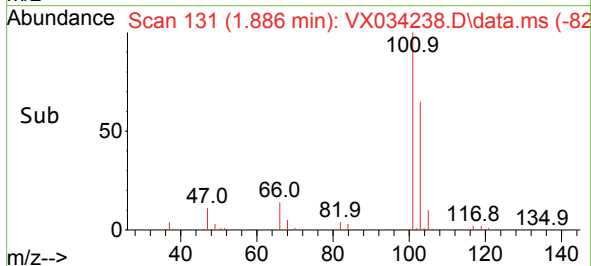
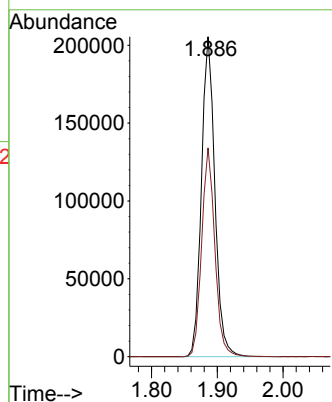
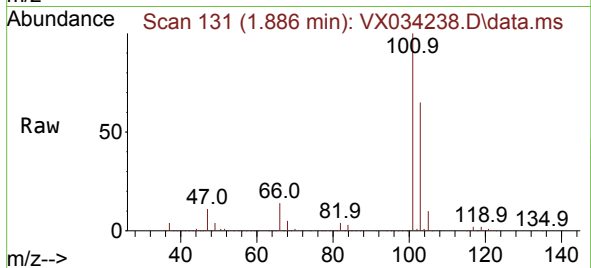




#7  
Trichlorofluoromethane  
Concen: 58.914 ug/l  
RT: 1.886 min Scan# 131  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

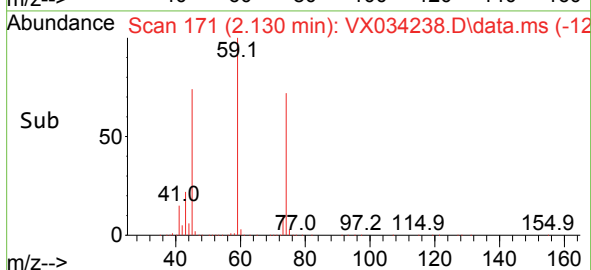
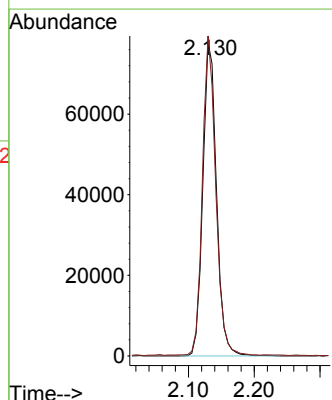
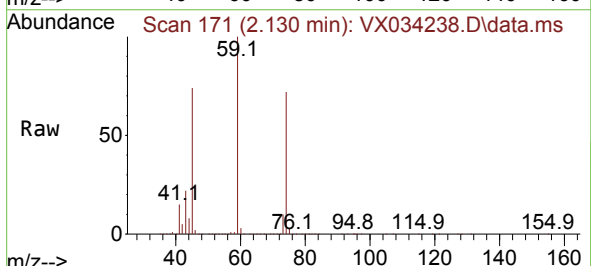
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:101 Resp: 290463  
Ion Ratio Lower Upper  
101 100  
103 65.3 50.6 75.8

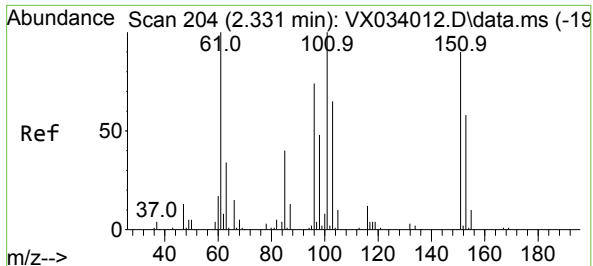


#8  
Diethyl Ether  
Concen: 56.590 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 74 Resp: 112402  
Ion Ratio Lower Upper  
74 100  
45 99.5 51.5 154.5



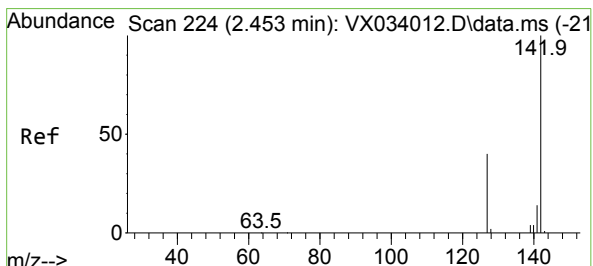
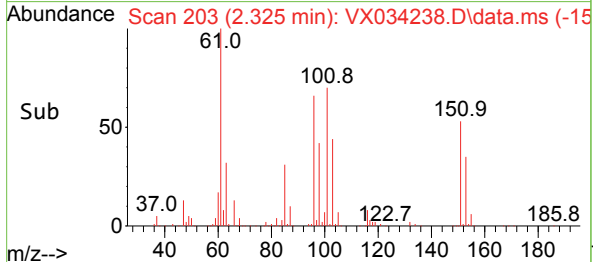
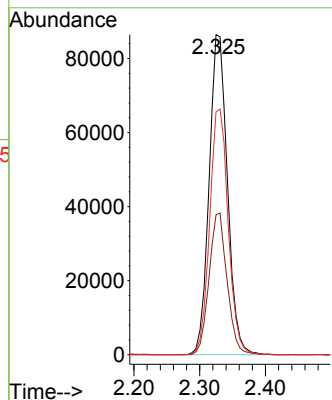
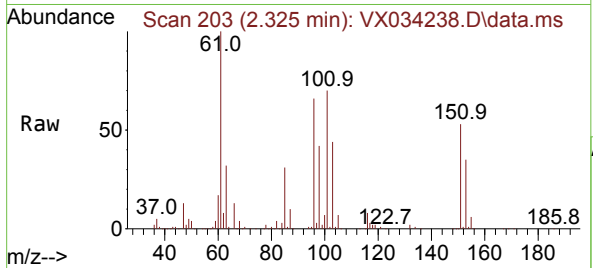




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.172 ug/l  
RT: 2.325 min Scan# 204  
Delta R.T. -0.006 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

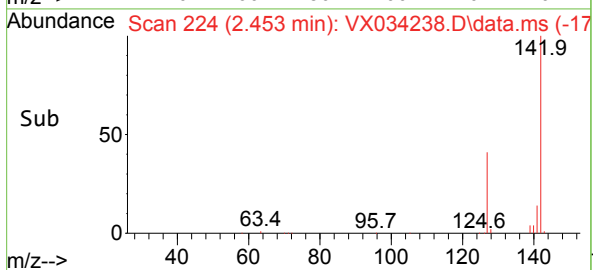
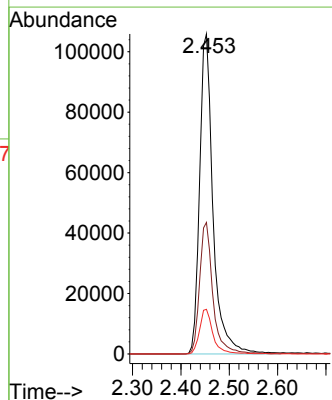
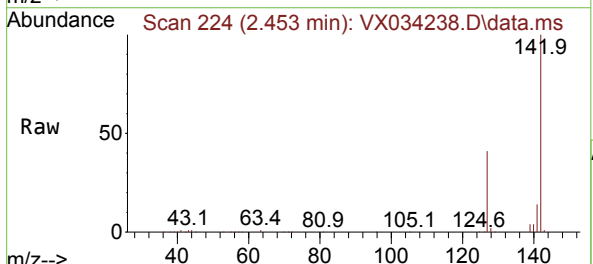
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

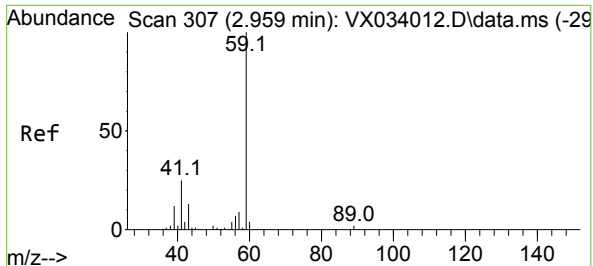
Tgt Ion:101 Resp: 167258  
Ion Ratio Lower Upper  
101 100  
85 43.6 36.7 55.1  
151 77.8 66.5 99.7



#10  
Methyl Iodide  
Concen: 48.240 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion:142 Resp: 203938  
Ion Ratio Lower Upper  
142 100  
127 40.7 37.3 55.9  
141 14.0 11.5 17.3

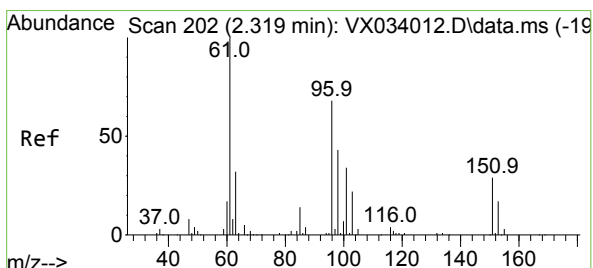
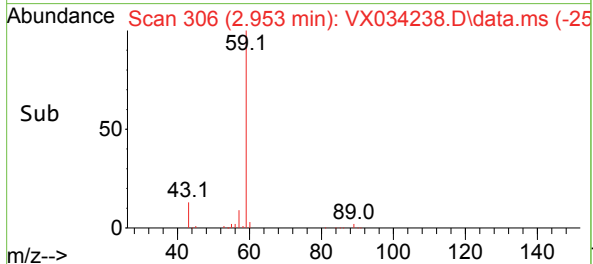
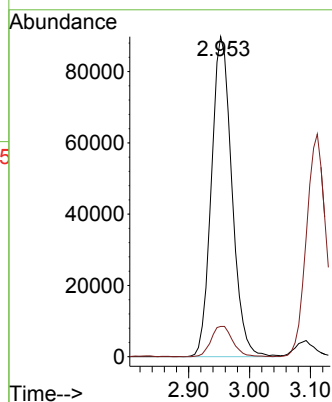
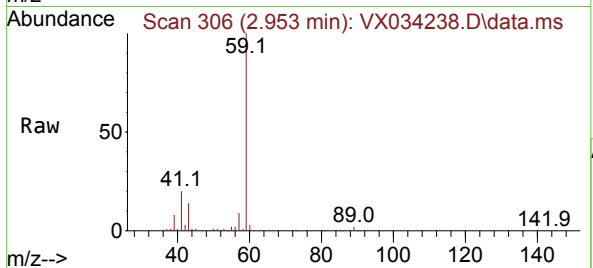




#11  
Tert butyl alcohol  
Concen: 217.069 ug/l  
RT: 2.953 min Scan# 307  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

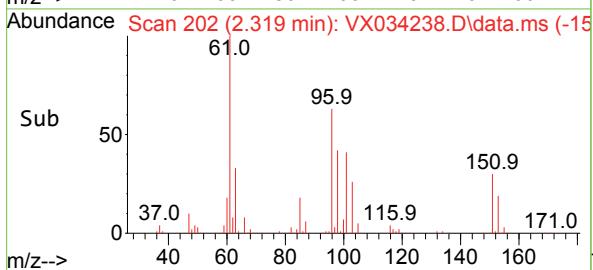
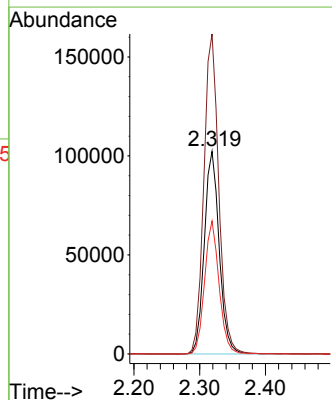
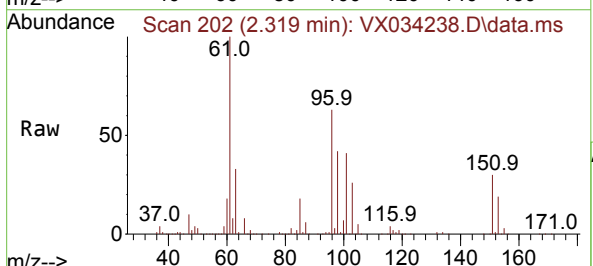
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

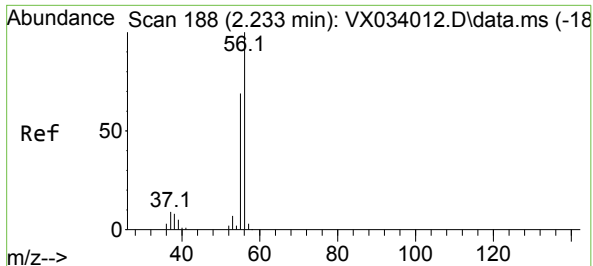
Tgt Ion: 59 Resp: 210408  
Ion Ratio Lower Upper  
59 100  
57 10.0 3.7 5.5#



#12  
1,1-Dichloroethene  
Concen: 46.361 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 96 Resp: 161362  
Ion Ratio Lower Upper  
96 100  
61 157.9 134.2 201.4  
98 65.6 50.2 75.2

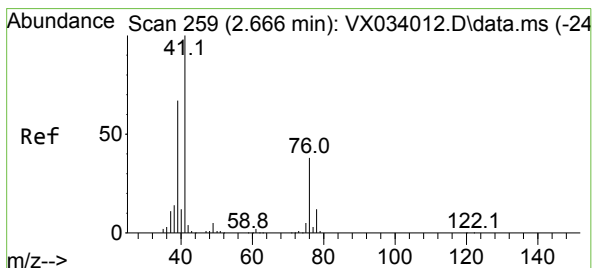
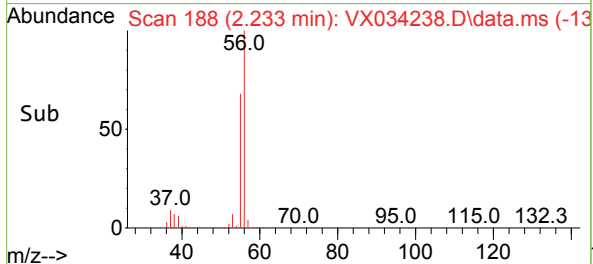
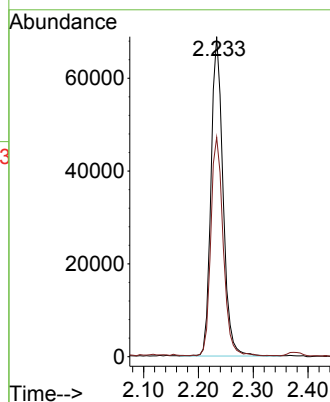
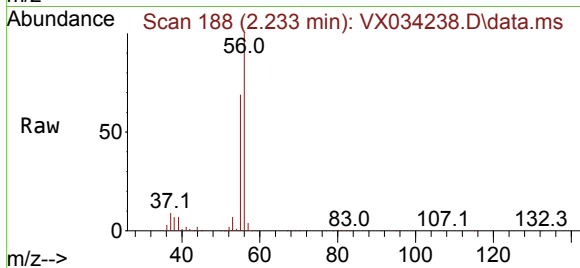




#13  
Acrolein  
Concen: 235.718 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

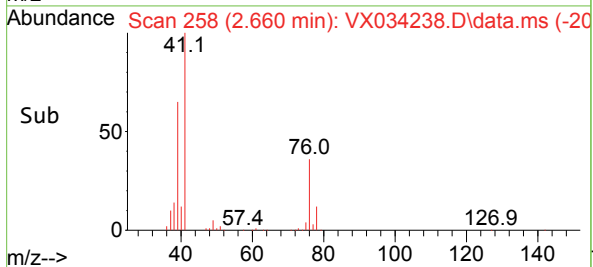
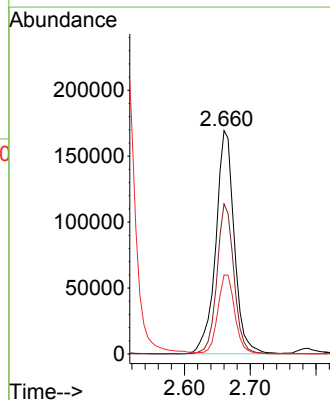
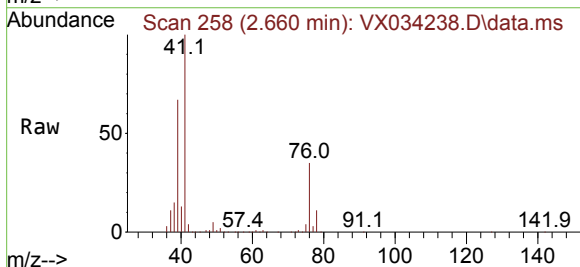
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

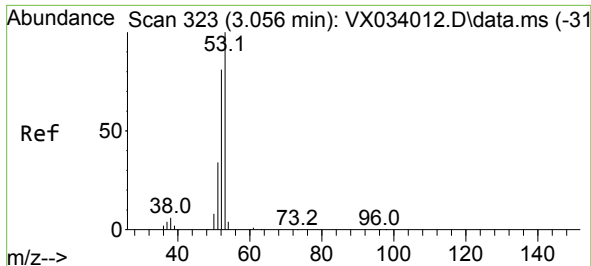
Tgt Ion: 56 Resp: 104299  
Ion Ratio Lower Upper  
56 100  
55 70.4 56.3 84.5



#14  
Allyl chloride  
Concen: 44.934 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 41 Resp: 331752  
Ion Ratio Lower Upper  
41 100  
39 61.6 59.0 88.4  
76 32.6 24.6 37.0

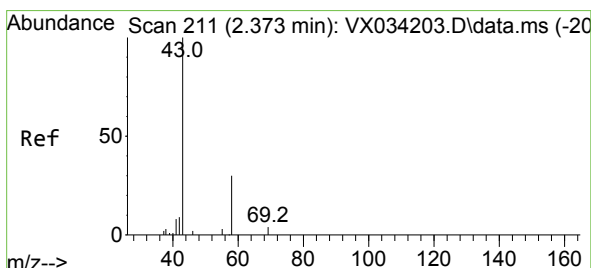
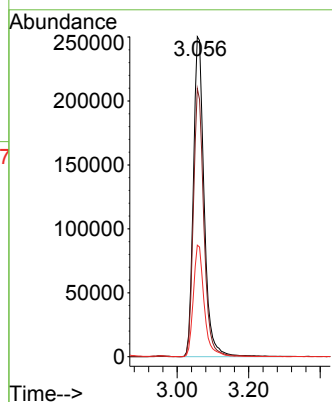
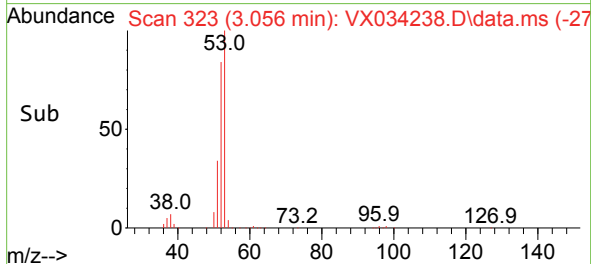
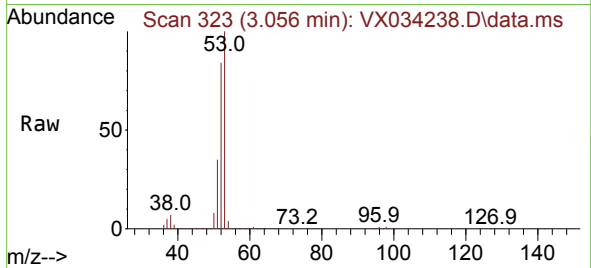




#15  
Acrylonitrile  
Concen: 247.764 ug/l  
RT: 3.056 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

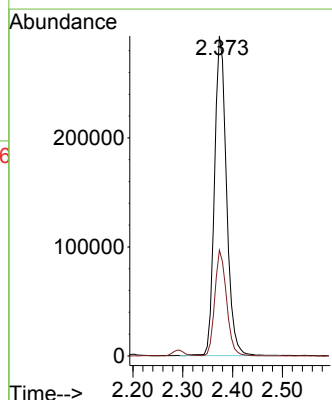
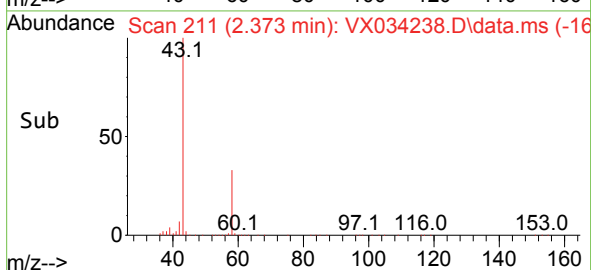
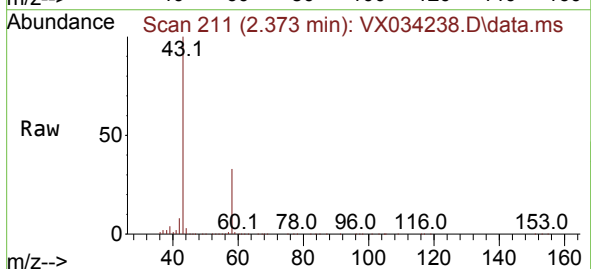
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

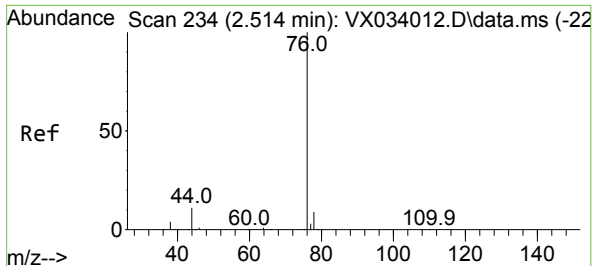
Tgt Ion: 53 Resp: 523917  
Ion Ratio Lower Upper  
53 100  
52 81.8 65.7 98.5  
51 35.2 29.0 43.4



#16  
Acetone  
Concen: 218.971 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 43 Resp: 489531  
Ion Ratio Lower Upper  
43 100  
58 33.0 22.6 33.8

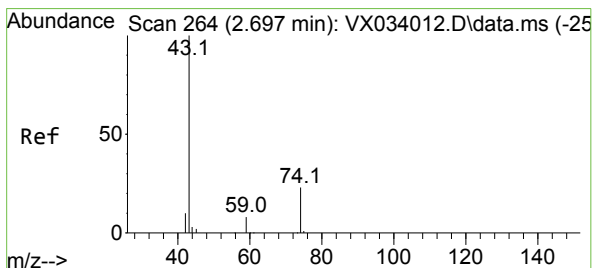
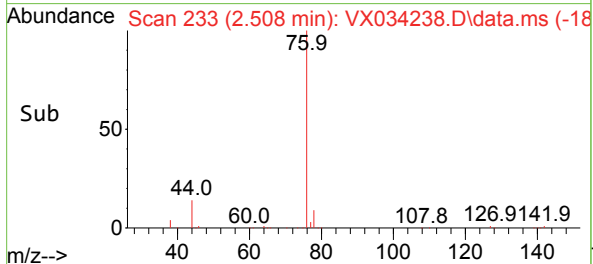
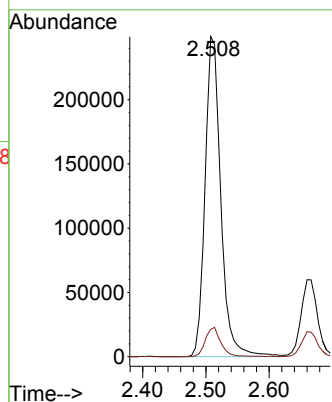
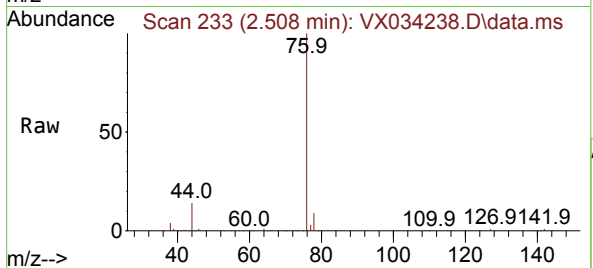




#17  
Carbon Disulfide  
Concen: 43.219 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

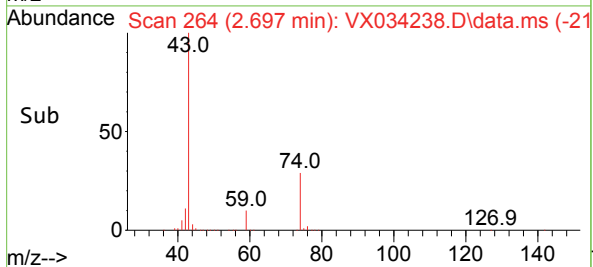
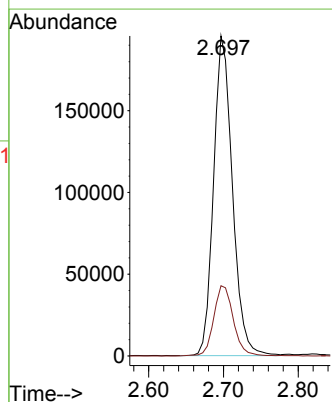
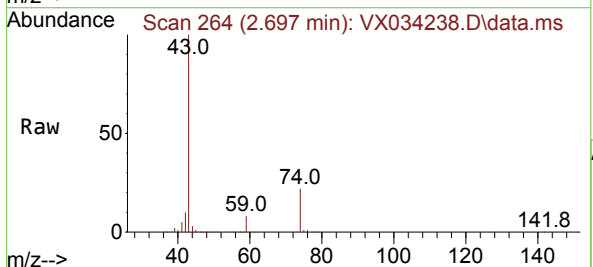
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

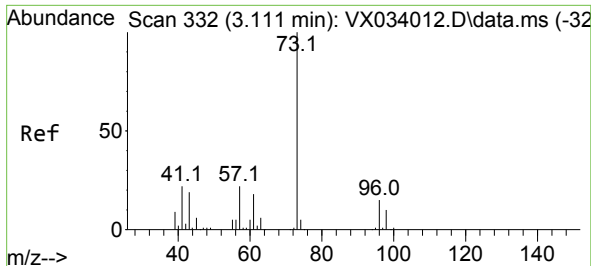
Tgt Ion: 76 Resp: 432492  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.0 10.6



#18  
Methyl Acetate  
Concen: 49.479 ug/l  
RT: 2.697 min Scan# 264  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 43 Resp: 342268  
Ion Ratio Lower Upper  
43 100  
74 22.8 18.2 27.4

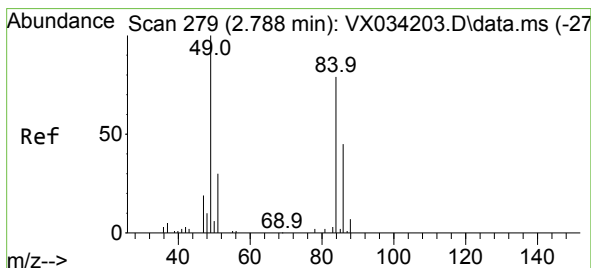
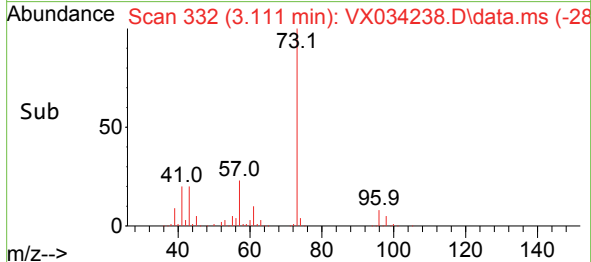
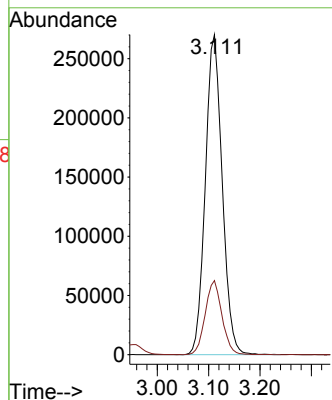
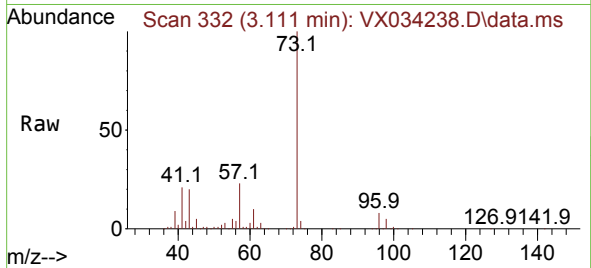




#19  
Methyl tert-butyl Ether  
Concen: 50.145 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

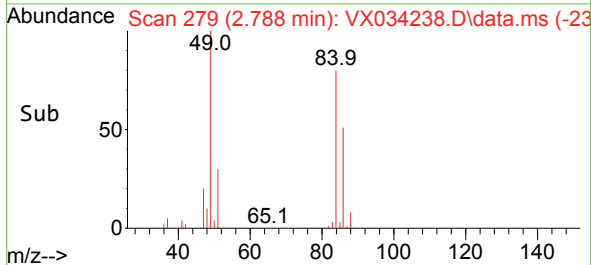
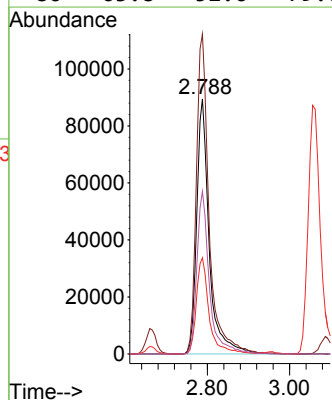
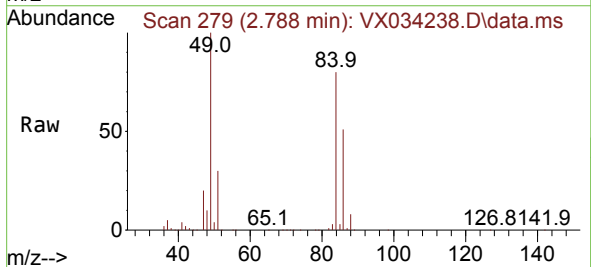
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

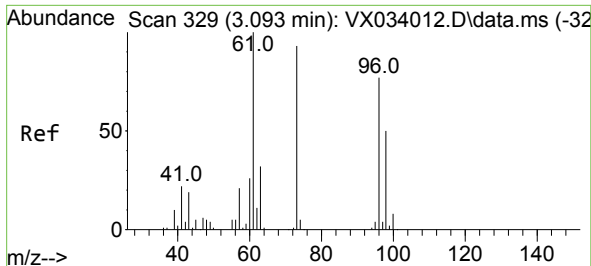
Tgt Ion: 73 Resp: 615989  
Ion Ratio Lower Upper  
73 100  
57 23.1 17.4 26.0



#20  
Methylene Chloride  
Concen: 46.720 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 84 Resp: 188195  
Ion Ratio Lower Upper  
84 100  
49 125.4 101.1 151.7  
51 37.7 31.0 46.6  
86 63.8 52.6 79.0

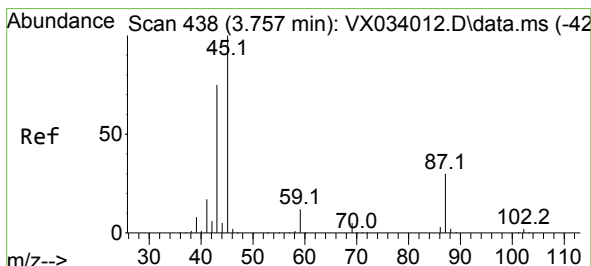
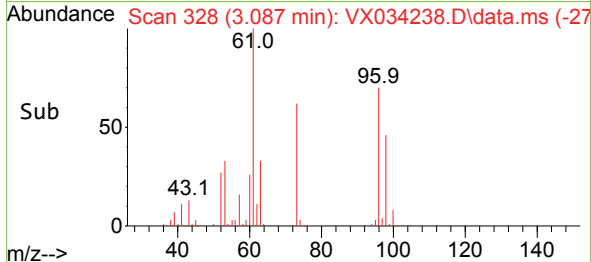
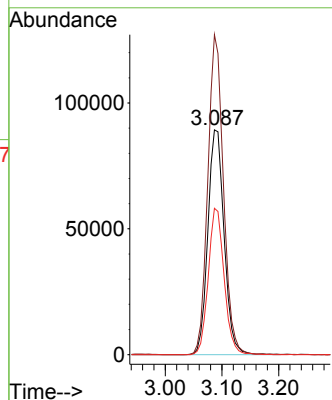
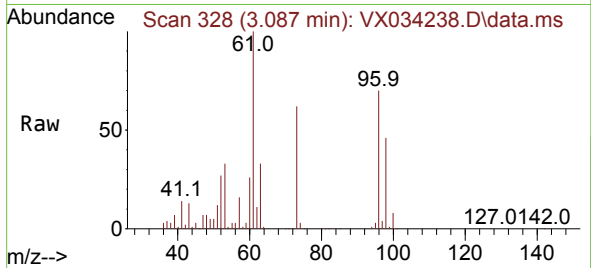




#21  
trans-1,2-Dichloroethene  
Concen: 48.887 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

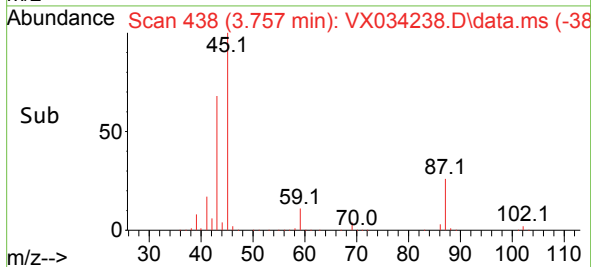
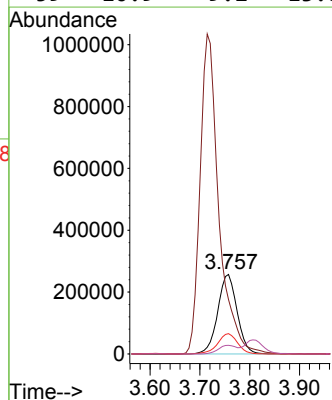
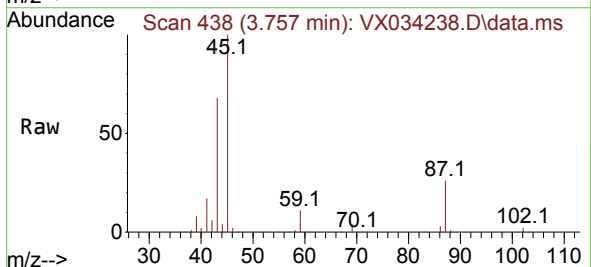
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

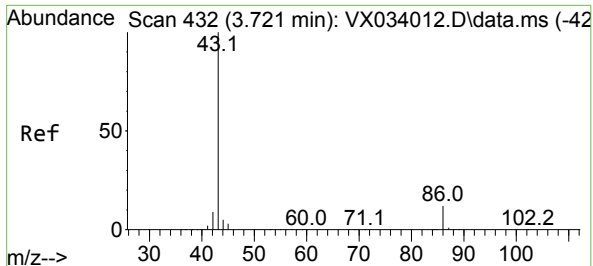
Tgt Ion: 96 Resp: 178299  
Ion Ratio Lower Upper  
96 100  
61 142.4 106.7 160.1  
98 65.2 50.0 75.0



#22  
Diisopropyl ether  
Concen: 53.550 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 45 Resp: 693134  
Ion Ratio Lower Upper  
45 100  
43 68.2 64.6 97.0  
87 25.5 21.9 32.9  
59 10.9 9.2 13.8

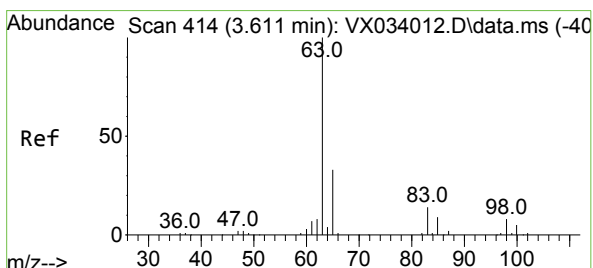
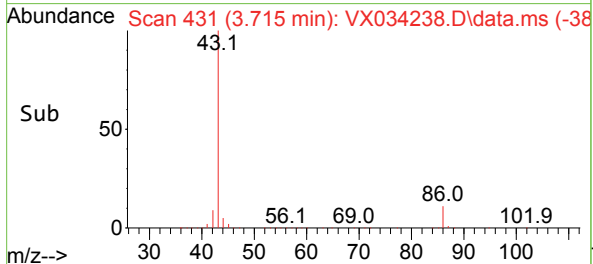
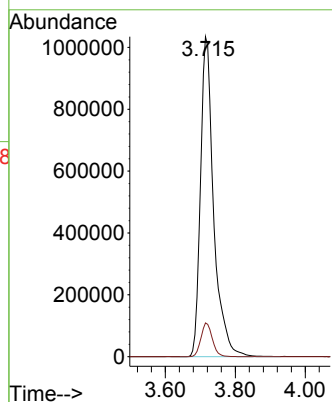
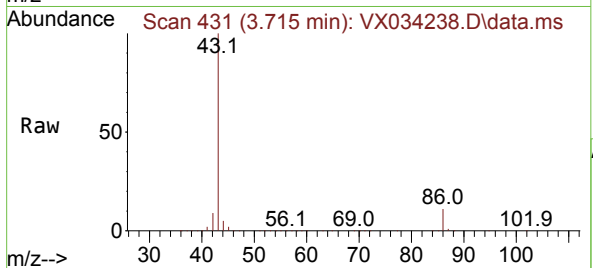




#23  
 Vinyl Acetate  
 Concen: 260.503 ug/l  
 RT: 3.715 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX034238.D  
 Acq: 23 Feb 2023 10:26

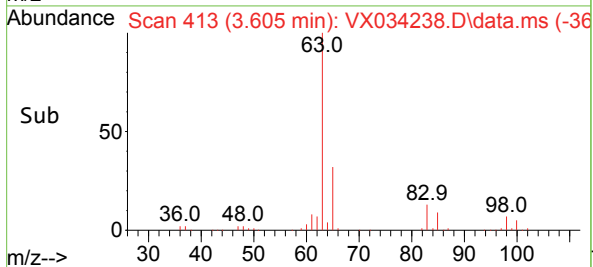
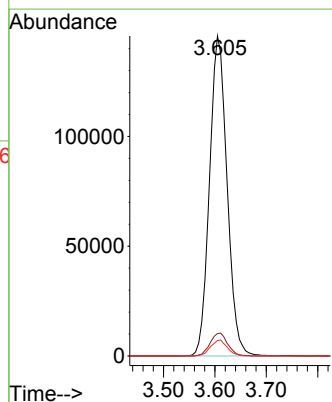
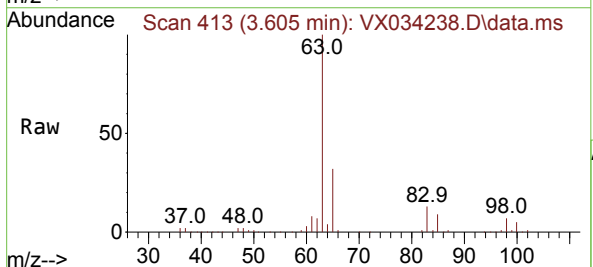
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 2701491  
 Ion Ratio Lower Upper  
 43 100  
 86 10.5 8.4 12.6

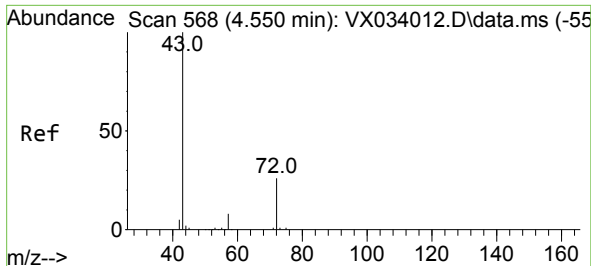


#24  
 1,1-Dichloroethane  
 Concen: 48.688 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX034238.D  
 Acq: 23 Feb 2023 10:26

Tgt Ion: 63 Resp: 345965  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.8 11.2  
 100 4.8 2.4 7.2



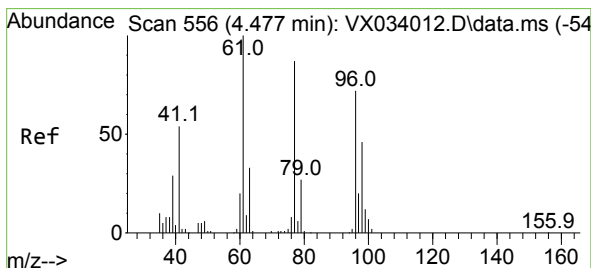
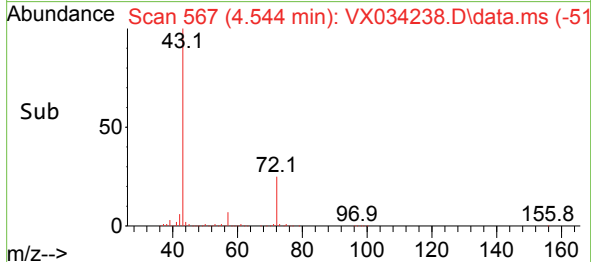
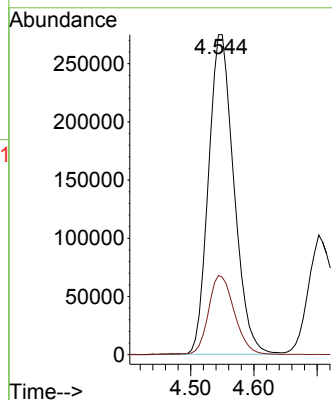
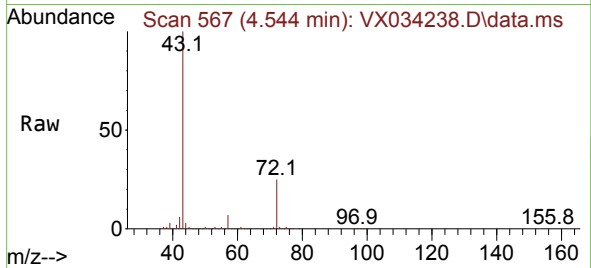




#25  
2-Butanone  
Concen: 236.910 ug/l  
RT: 4.544 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

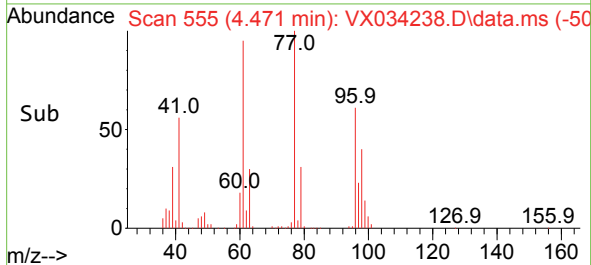
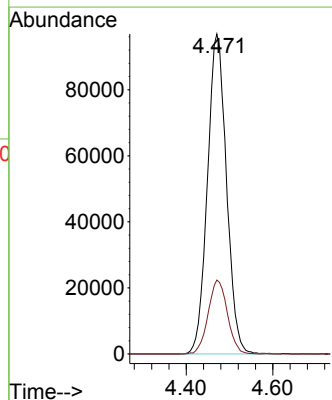
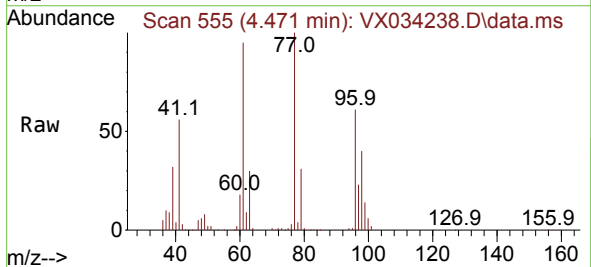
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

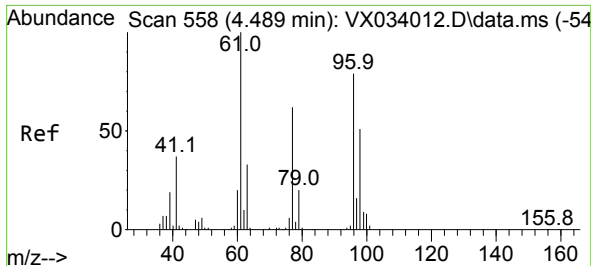
Tgt Ion: 43 Resp: 766337  
Ion Ratio Lower Upper  
43 100  
72 24.6 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 46.003 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 77 Resp: 296127  
Ion Ratio Lower Upper  
77 100  
97 23.3 11.9 35.5

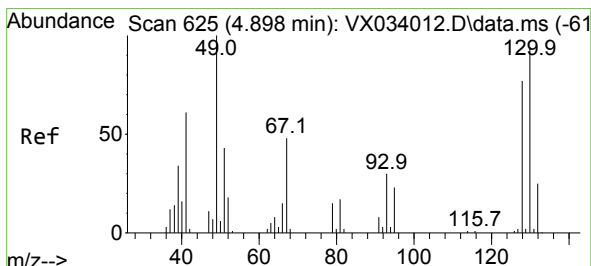
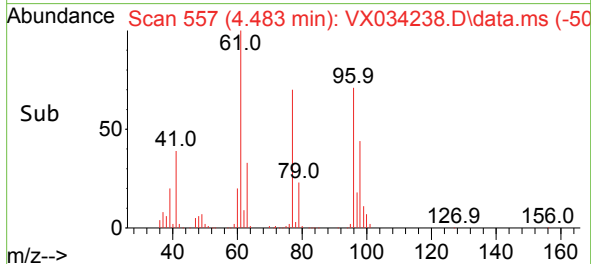
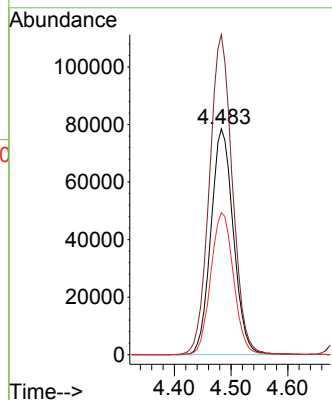
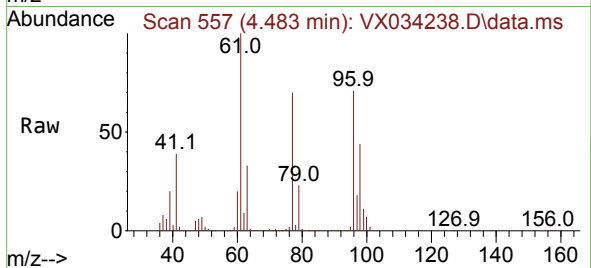




#27  
 cis-1,2-Dichloroethene  
 Concen: 49.999 ug/l  
 RT: 4.483 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: VX034238.D  
 Acq: 23 Feb 2023 10:26

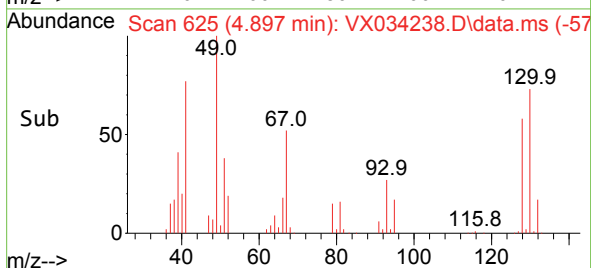
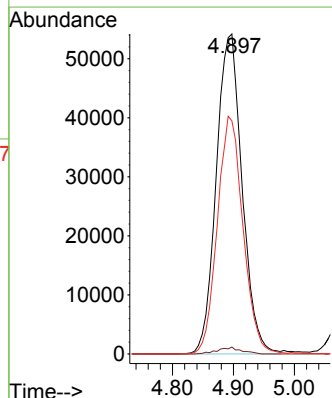
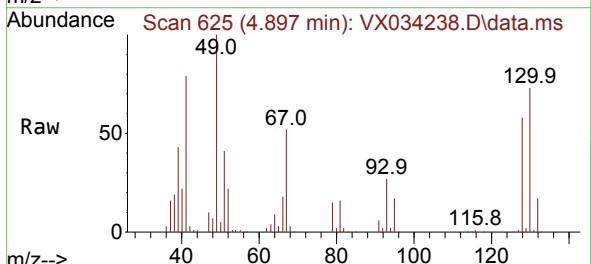
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

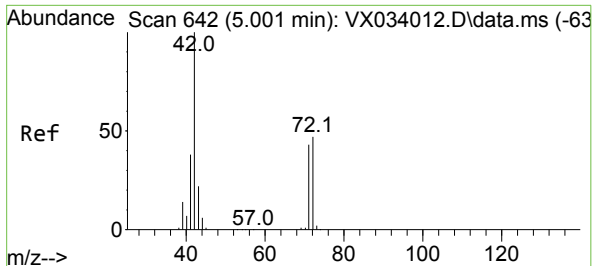
Tgt Ion: 96 Resp: 215938  
 Ion Ratio Lower Upper  
 96 100  
 61 145.3 0.0 277.6  
 98 64.0 0.0 128.0



#28  
 Bromochloromethane  
 Concen: 50.362 ug/l  
 RT: 4.897 min Scan# 625  
 Delta R.T. 0.006 min  
 Lab File: VX034238.D  
 Acq: 23 Feb 2023 10:26

Tgt Ion: 49 Resp: 159642  
 Ion Ratio Lower Upper  
 49 100  
 129 1.9 0.0 4.6  
 130 73.7 68.5 102.7





#29

Tetrahydrofuran

Concen: 246.932 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

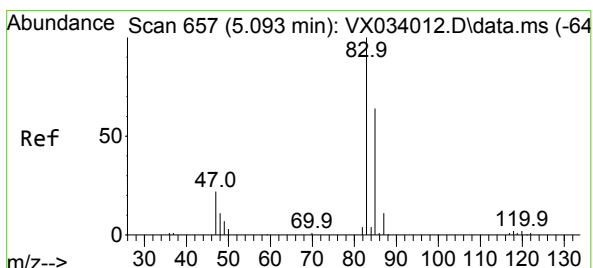
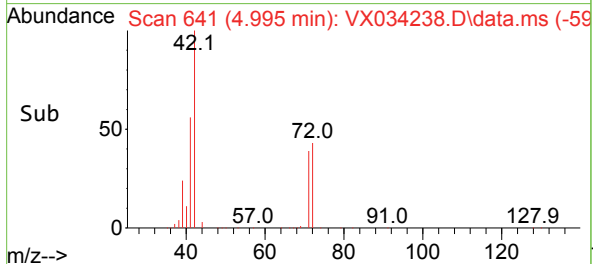
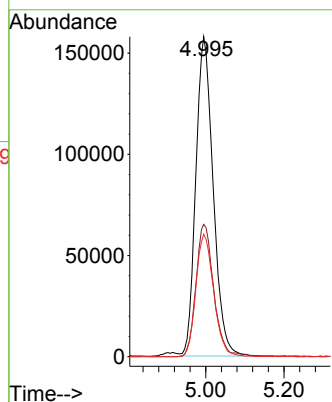
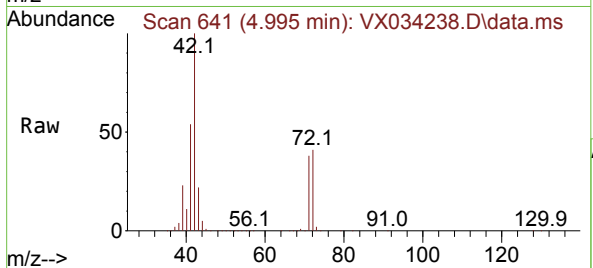
Tgt Ion: 42 Resp: 487274

Ion Ratio Lower Upper

42 100

72 42.6 34.8 52.2

71 39.2 32.2 48.2



#30

Chloroform

Concen: 50.391 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX034238.D

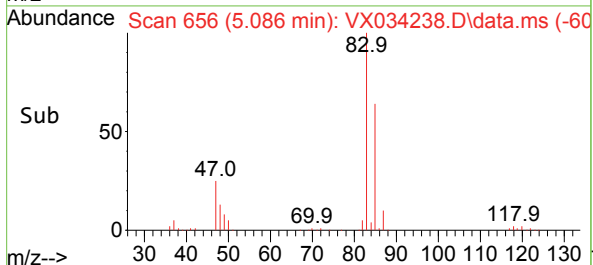
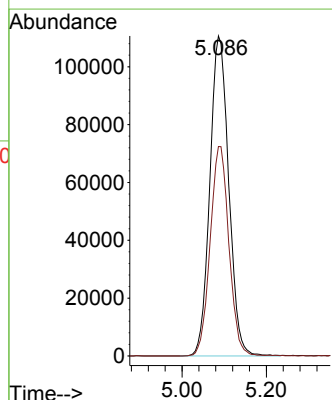
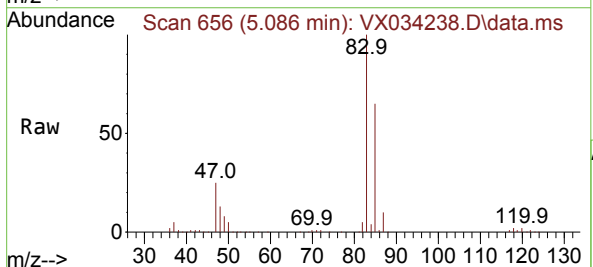
Acq: 23 Feb 2023 10:26

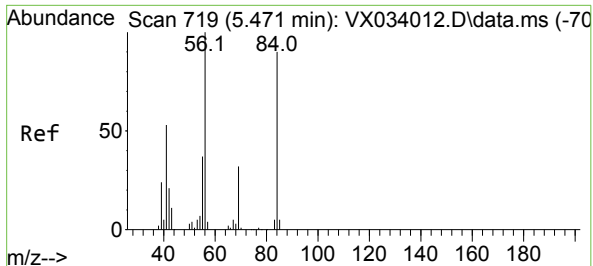
Tgt Ion: 83 Resp: 343829

Ion Ratio Lower Upper

83 100

85 65.5 52.1 78.1

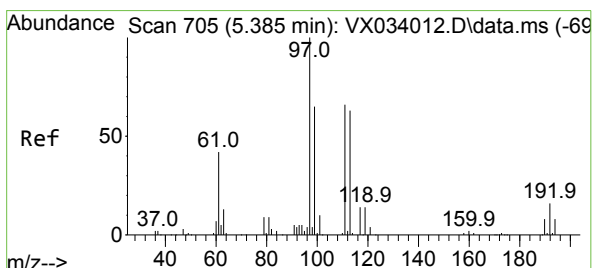
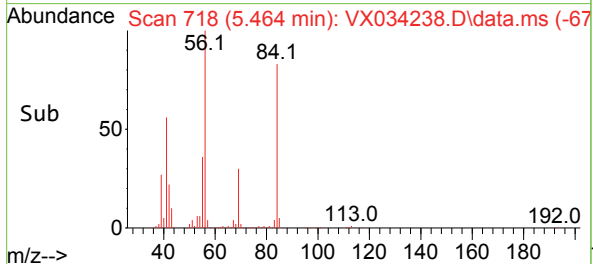
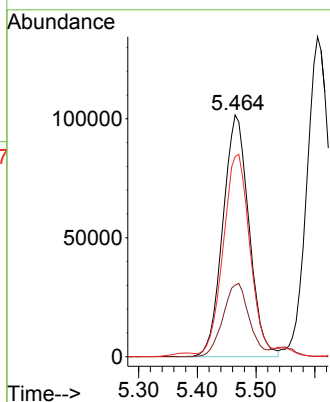
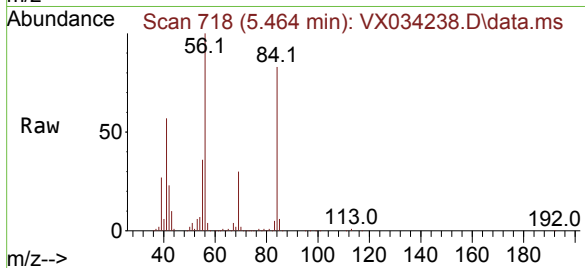




#31  
Cyclohexane  
Concen: 48.547 ug/l  
RT: 5.464 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

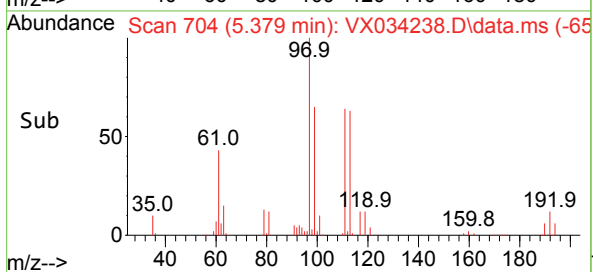
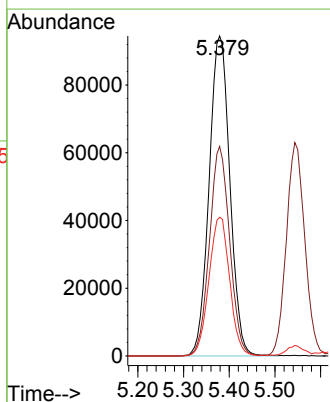
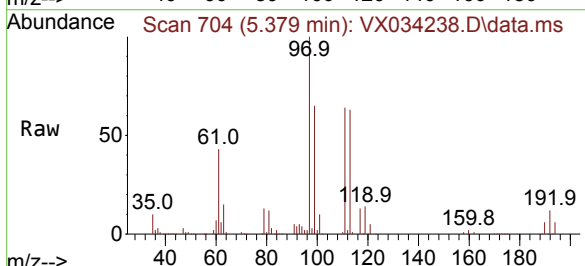
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

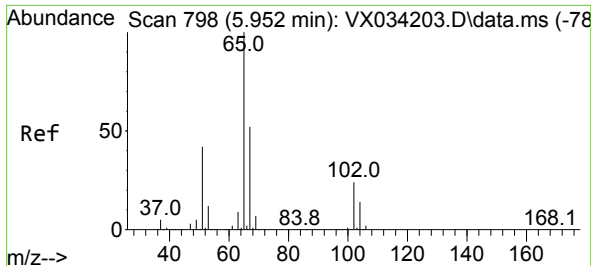
Tgt Ion: 56 Resp: 314121  
Ion Ratio Lower Upper  
56 100  
69 29.6 24.6 37.0  
84 81.4 71.0 106.6



#32  
1,1,1-Trichloroethane  
Concen: 48.741 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 97 Resp: 298128  
Ion Ratio Lower Upper  
97 100  
99 63.8 52.3 78.5  
61 43.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.196 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA\_X

ClientSampleId :

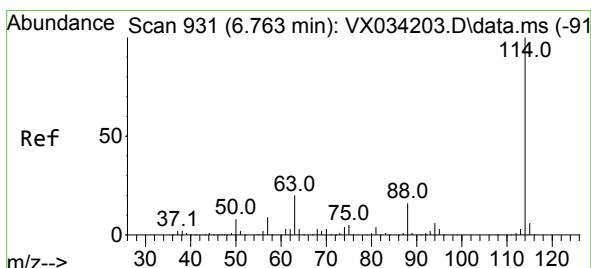
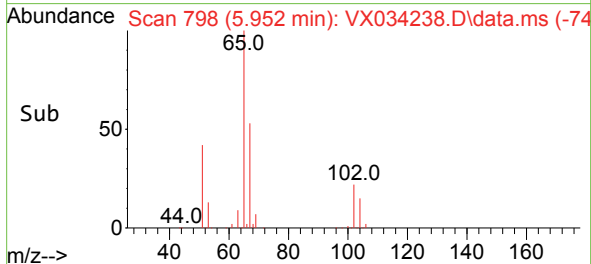
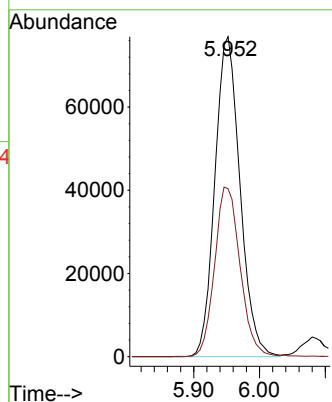
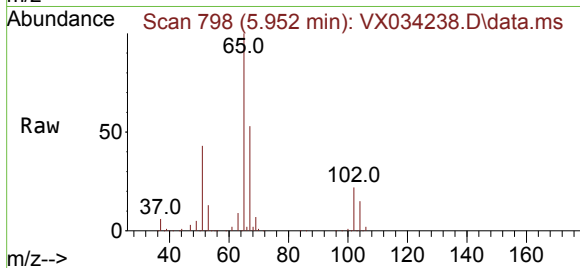
VSTDCCC050

Tgt Ion: 65 Resp: 204537

Ion Ratio Lower Upper

65 100

67 54.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

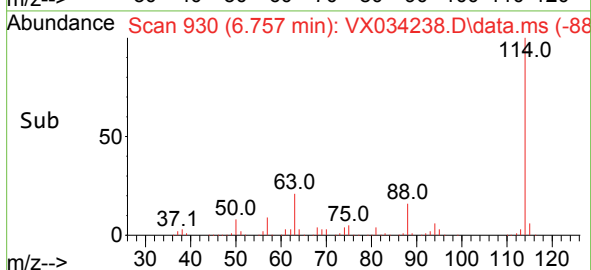
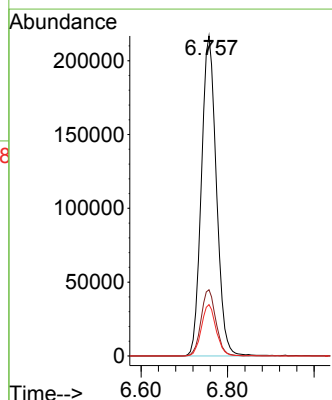
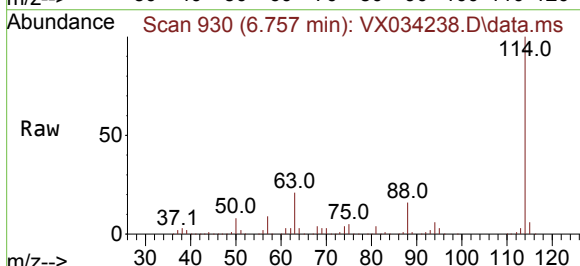
Tgt Ion: 114 Resp: 521302

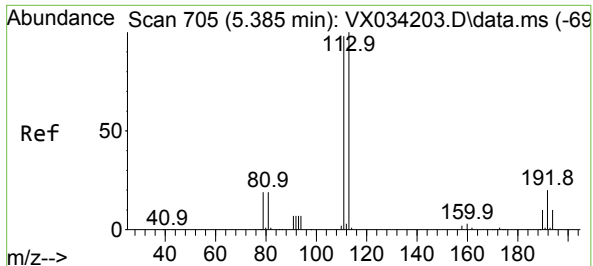
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 16.0 0.0 30.6

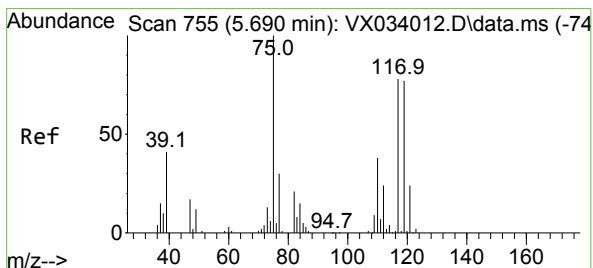
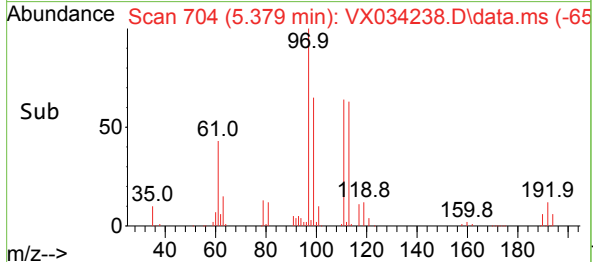
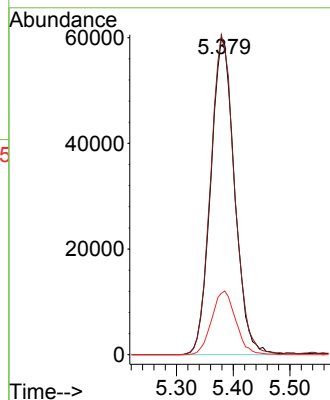
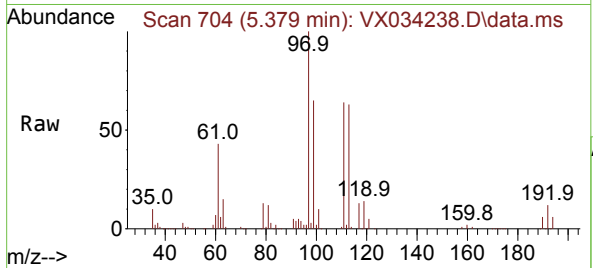




#35  
Dibromofluoromethane  
Concen: 51.434 ug/l  
RT: 5.379 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

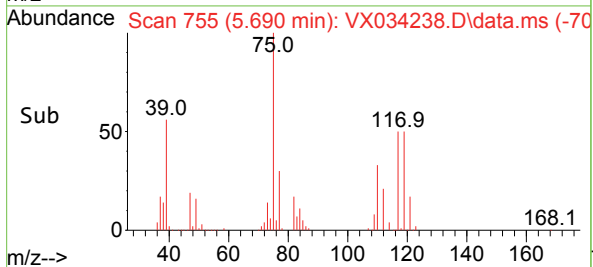
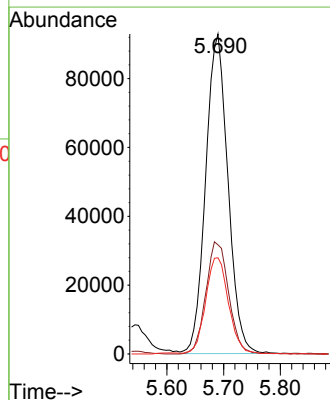
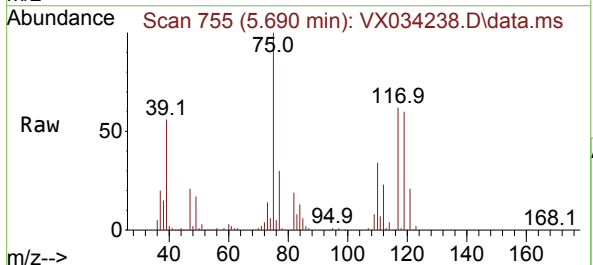
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

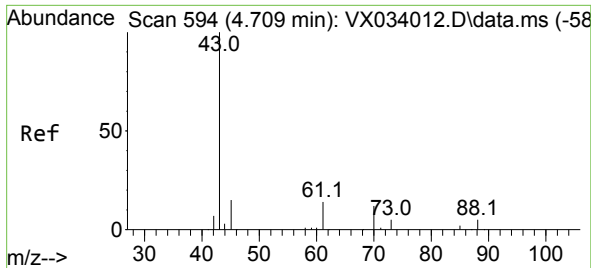
Tgt Ion:113 Resp: 174577  
Ion Ratio Lower Upper  
113 100  
111 101.7 83.0 124.6  
192 20.3 19.0 28.4



#36  
1,1-Dichloropropene  
Concen: 50.486 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 75 Resp: 253425  
Ion Ratio Lower Upper  
75 100  
110 36.0 18.8 56.4  
77 31.1 25.1 37.7





#37

Ethyl Acetate

Concen: 52.282 ug/l

RT: 4.702 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

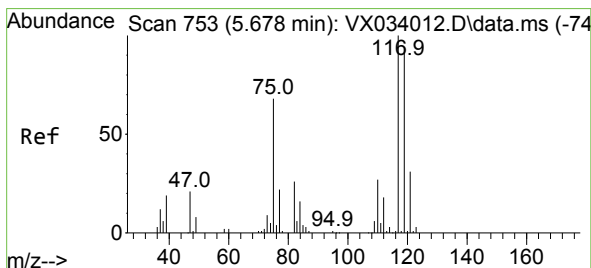
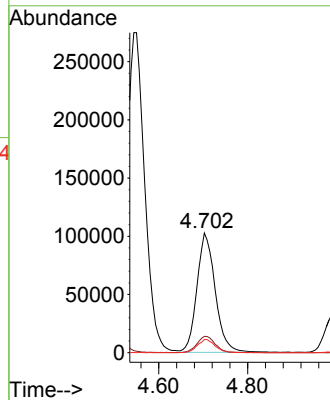
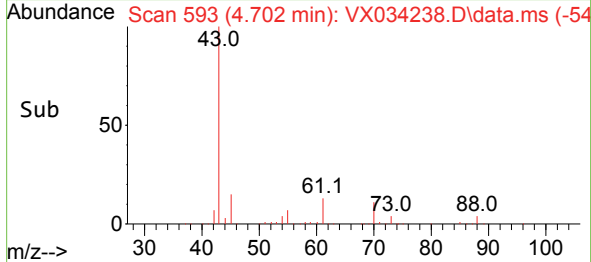
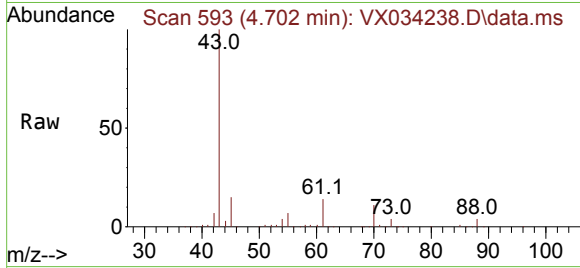
Tgt Ion: 43 Resp: 293301

Ion Ratio Lower Upper

43 100

61 13.9 11.1 16.7

70 10.7 8.5 12.7



#38

Carbon Tetrachloride

Concen: 49.898 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

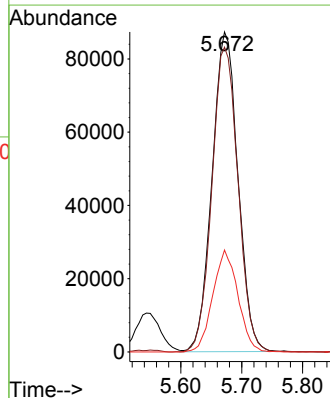
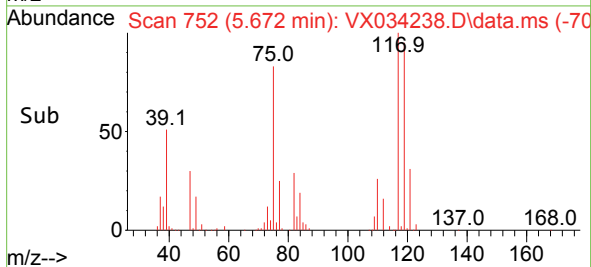
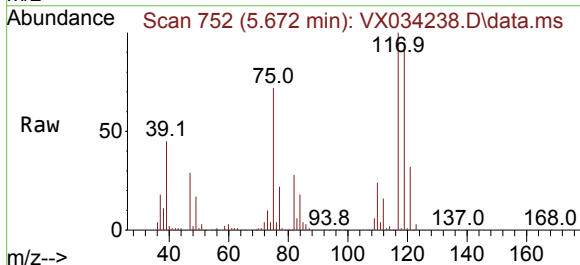
Tgt Ion: 117 Resp: 257741

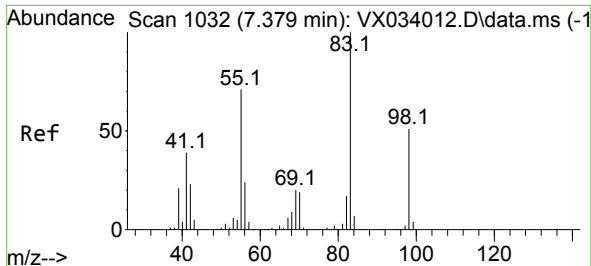
Ion Ratio Lower Upper

117 100

119 95.3 78.0 117.0

121 31.9 24.4 36.6





#39

Methylcyclohexane

Concen: 50.450 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

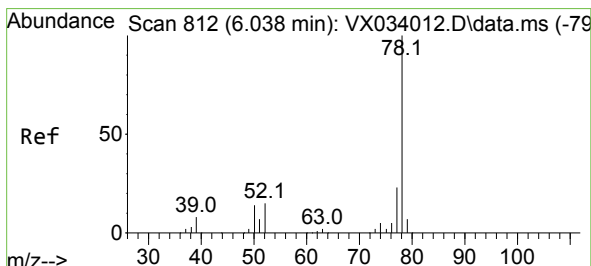
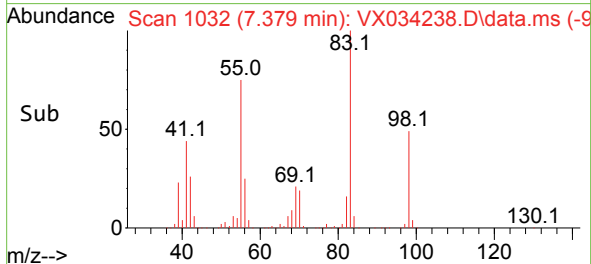
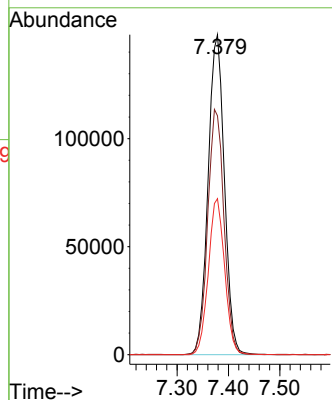
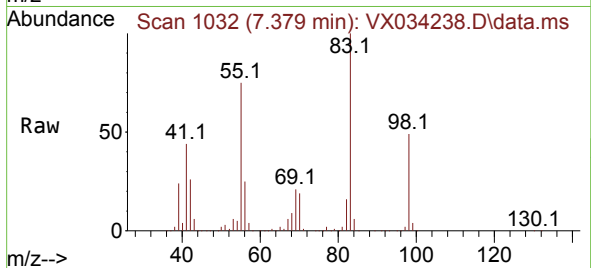
Tgt Ion: 83 Resp: 325894

Ion Ratio Lower Upper

83 100

55 74.6 61.8 92.6

98 48.7 39.3 58.9



#40

Benzene

Concen: 51.760 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX034238.D

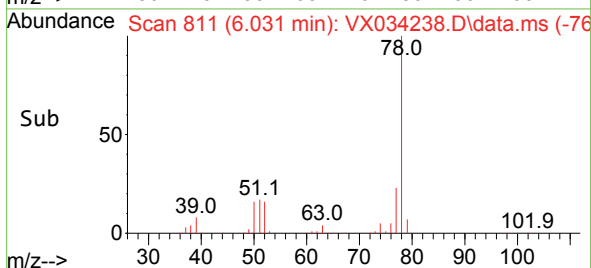
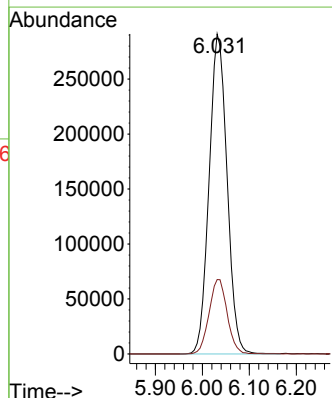
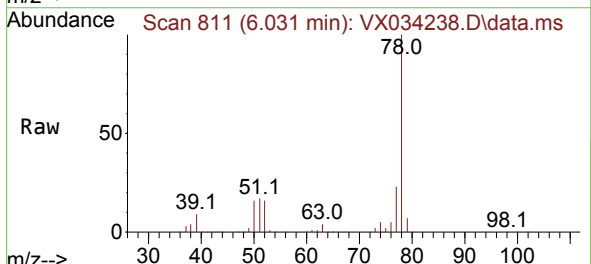
Acq: 23 Feb 2023 10:26

Tgt Ion: 78 Resp: 769955

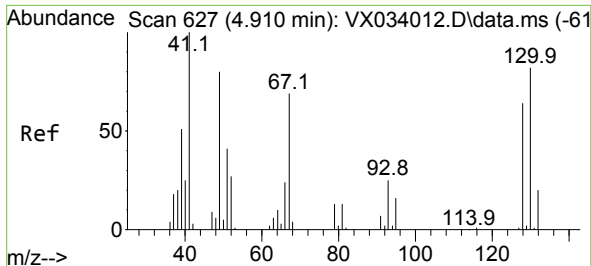
Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.4



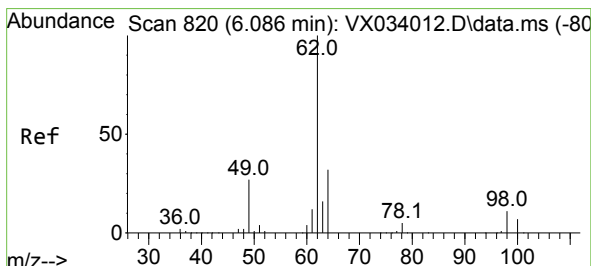
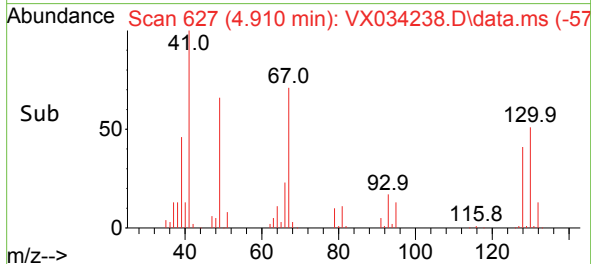
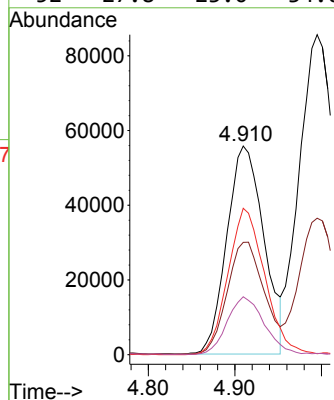
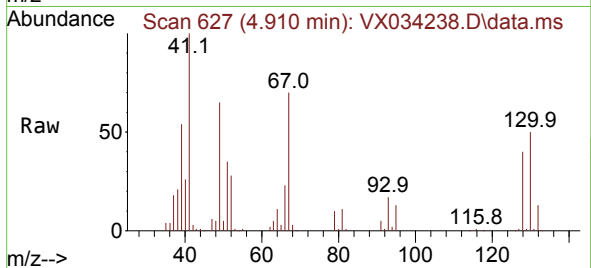




#41  
Methacrylonitrile  
Concen: 53.146 ug/l  
RT: 4.910 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

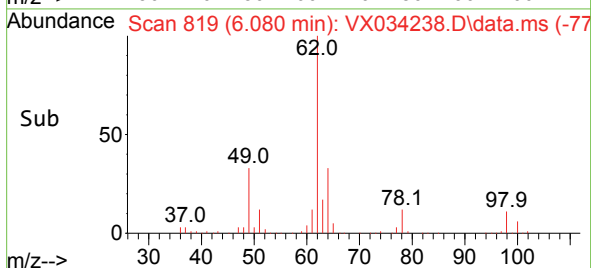
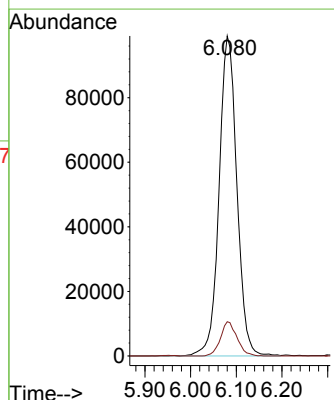
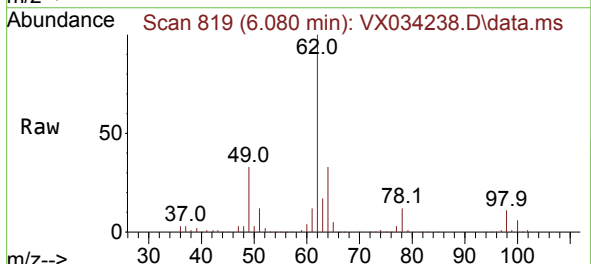
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

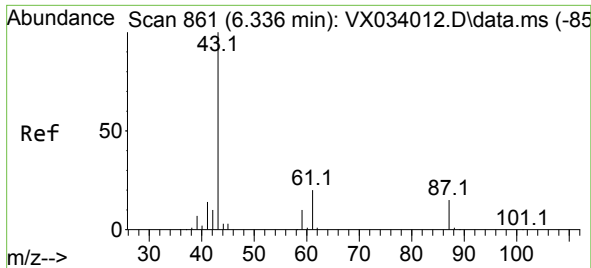
Tgt Ion: 41 Resp: 166113  
Ion Ratio Lower Upper  
41 100  
39 53.7 43.8 65.6  
67 70.0 54.8 82.2  
52 27.8 23.0 34.6



#42  
1,2-Dichloroethane  
Concen: 51.318 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 62 Resp: 268486  
Ion Ratio Lower Upper  
62 100  
98 10.0 0.0 20.2

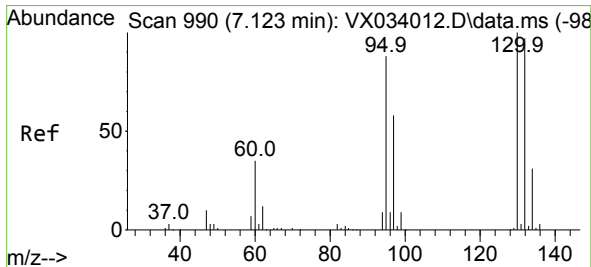
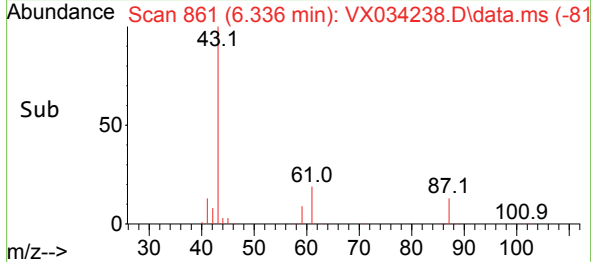
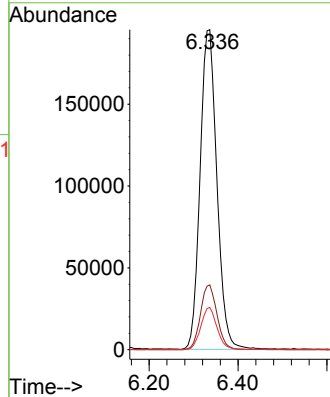
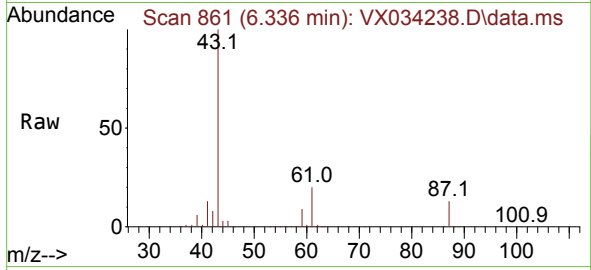




#43  
Isopropyl Acetate  
Concen: 51.897 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

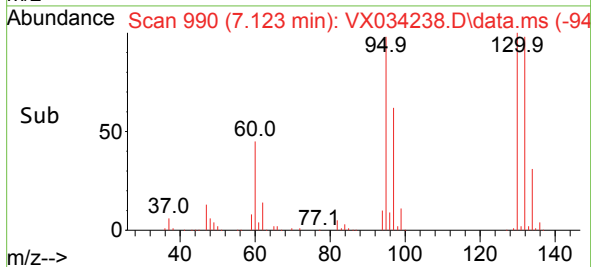
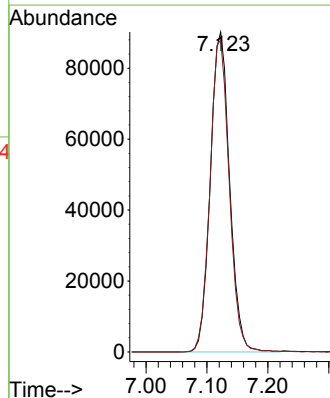
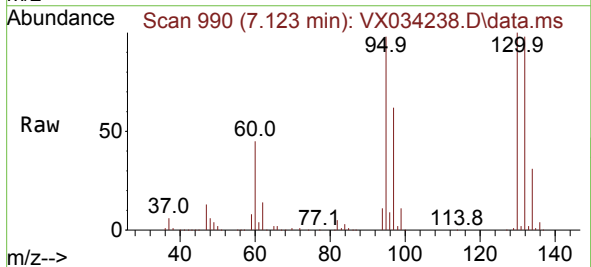
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

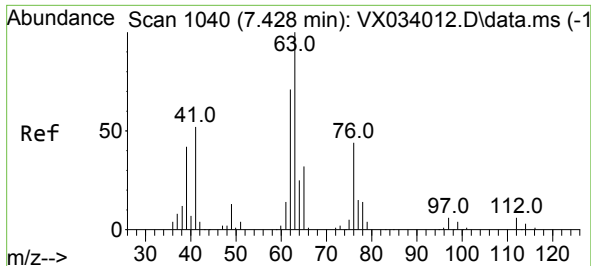
Tgt Ion: 43 Resp: 513768  
Ion Ratio Lower Upper  
43 100  
61 20.1 15.7 23.5  
87 12.8 10.6 15.8



#44  
Trichloroethene  
Concen: 51.780 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion:130 Resp: 197665  
Ion Ratio Lower Upper  
130 100  
95 97.5 0.0 182.6





#45

1,2-Dichloropropane

Concen: 52.011 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA\_X

ClientSampleId :

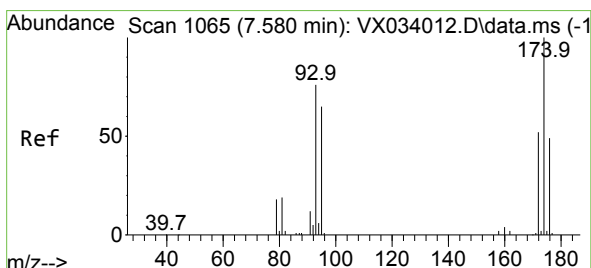
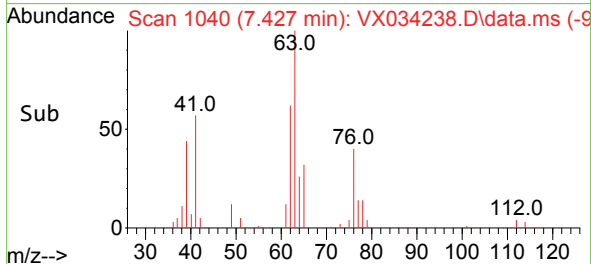
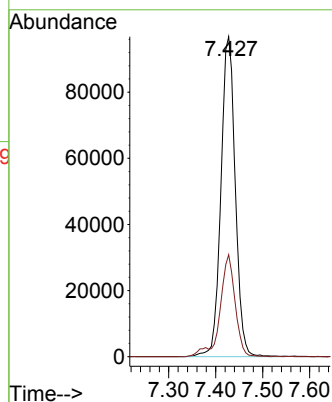
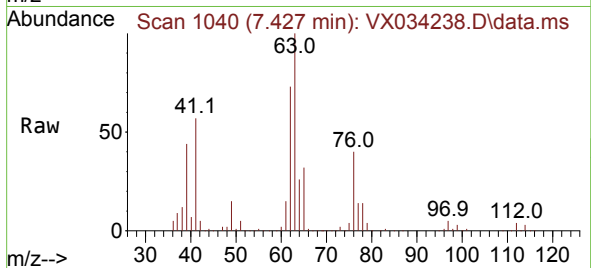
VSTDCCC050

Tgt Ion: 63 Resp: 205963

Ion Ratio Lower Upper

63 100

65 31.8 24.2 36.2



#46

Dibromomethane

Concen: 53.158 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

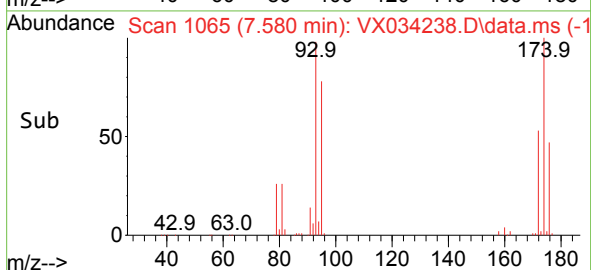
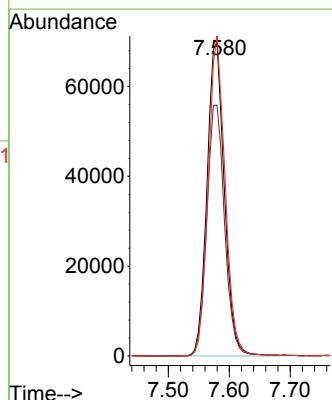
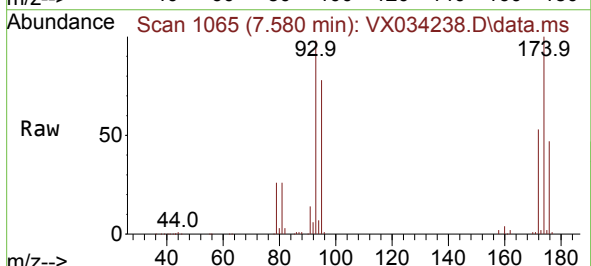
Tgt Ion: 93 Resp: 138538

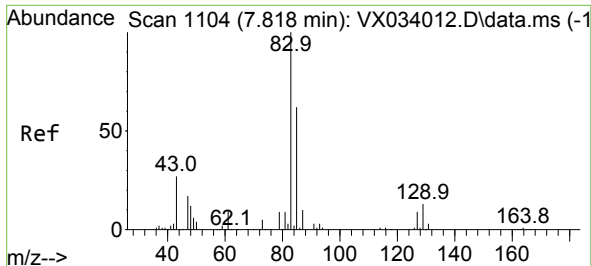
Ion Ratio Lower Upper

93 100

95 81.8 67.6 101.4

174 98.8 97.4 146.0

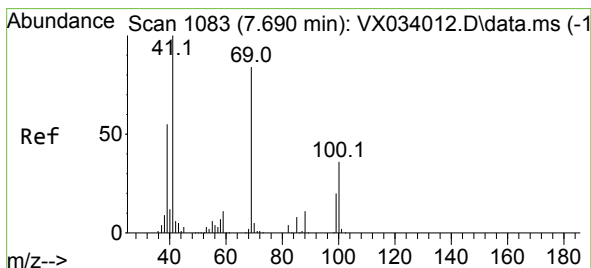
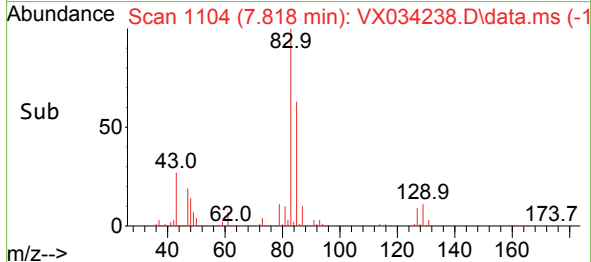
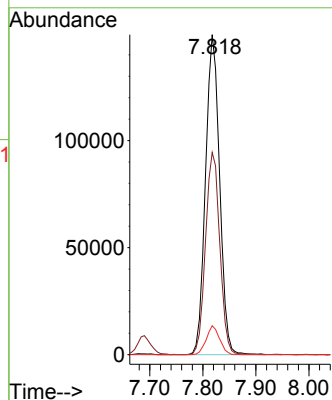
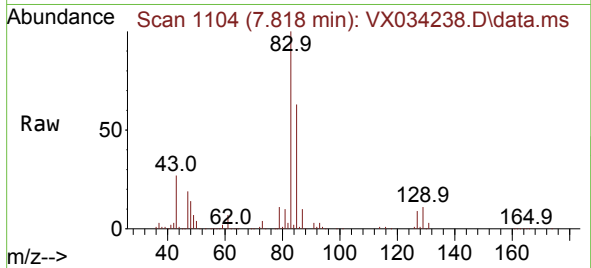




#47  
Bromodichloromethane  
Concen: 51.568 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

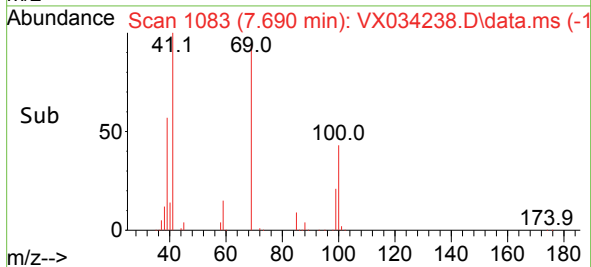
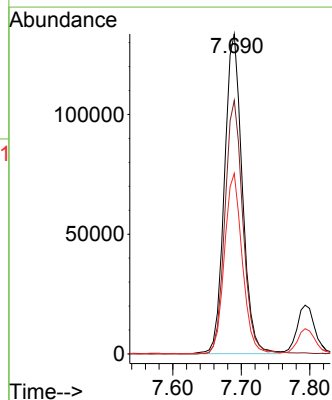
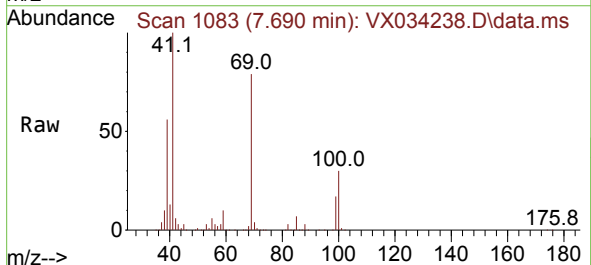
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

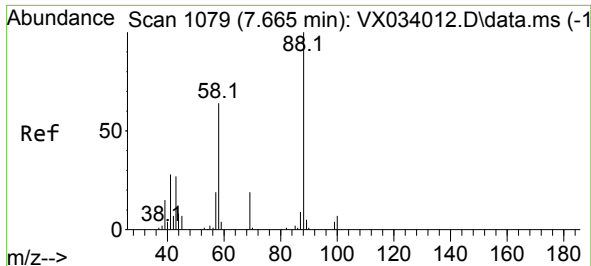
Tgt Ion: 83 Resp: 275807  
Ion Ratio Lower Upper  
83 100  
85 63.2 49.8 74.6  
127 9.1 7.0 10.4



#48  
Methyl methacrylate  
Concen: 51.263 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 41 Resp: 240871  
Ion Ratio Lower Upper  
41 100  
69 80.2 63.1 94.7  
39 56.3 43.2 64.8





#49

1,4-Dioxane

Concen: 1005.044 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

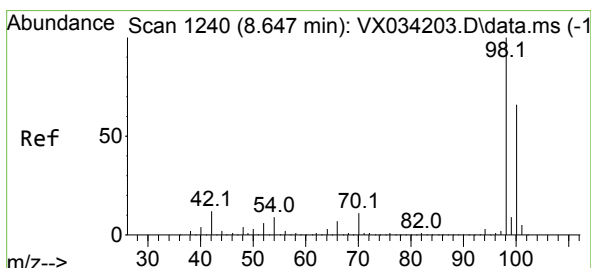
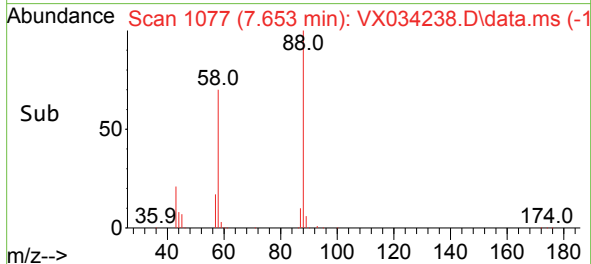
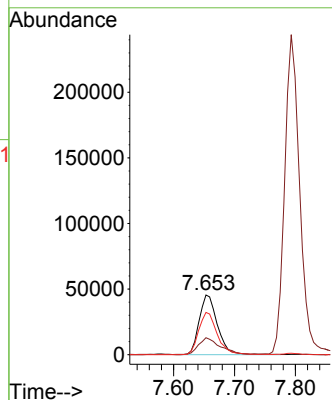
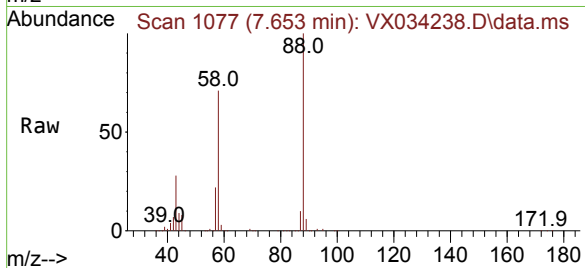
Tgt Ion: 88 Resp: 94194

Ion Ratio Lower Upper

88 100

43 33.5 0.0 0.0#

58 72.2 56.5 84.7



#50

Toluene-d8

Concen: 52.892 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034238.D

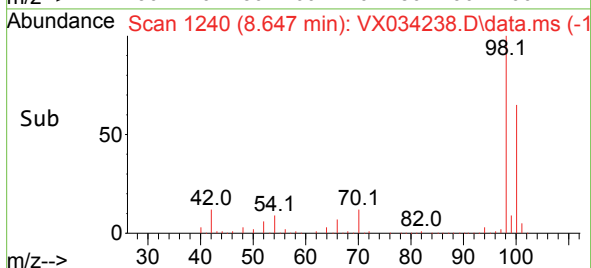
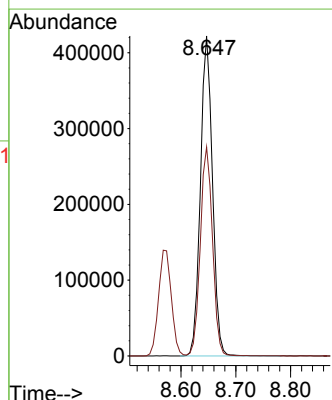
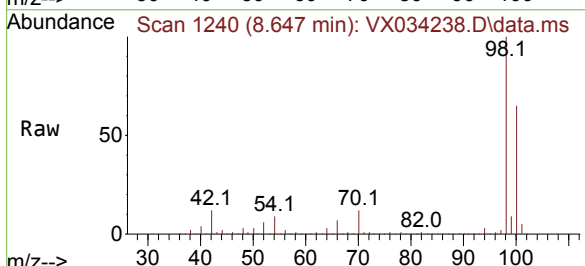
Acq: 23 Feb 2023 10:26

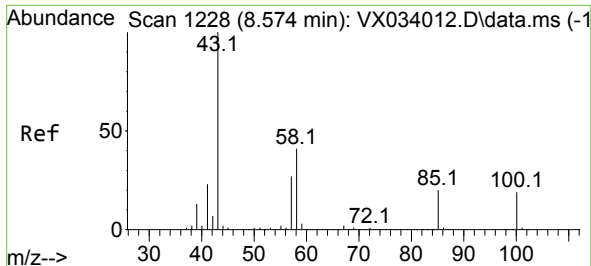
Tgt Ion: 98 Resp: 644552

Ion Ratio Lower Upper

98 100

100 66.1 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 276.275 ug/l

RT: 8.567 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA\_X

ClientSampleId :

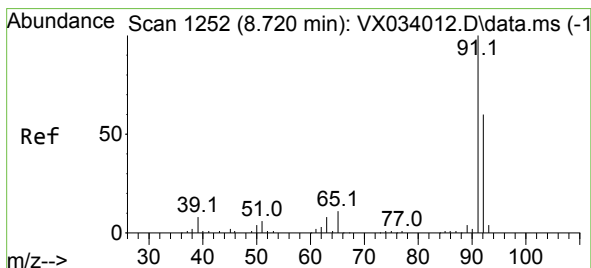
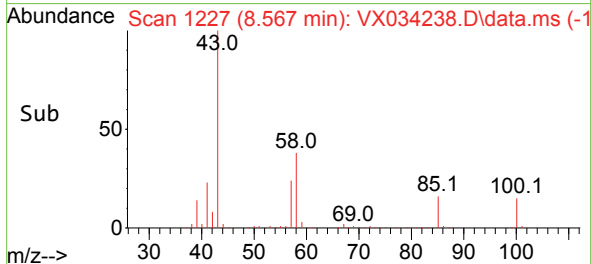
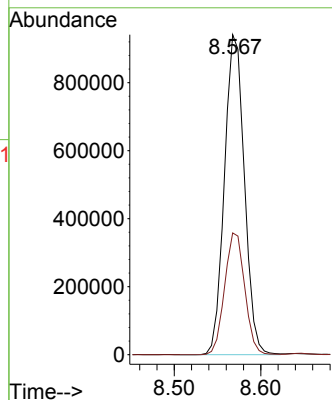
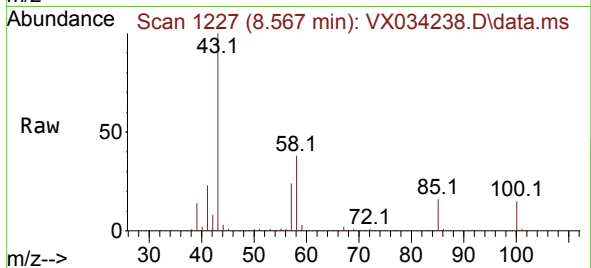
VSTDCCC050

Tgt Ion: 43 Resp: 1504758

Ion Ratio Lower Upper

43 100

58 38.3 31.2 46.8



#52

Toluene

Concen: 54.124 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX034238.D

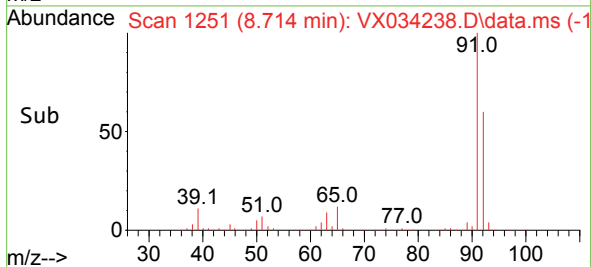
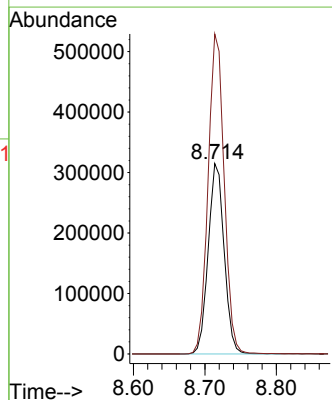
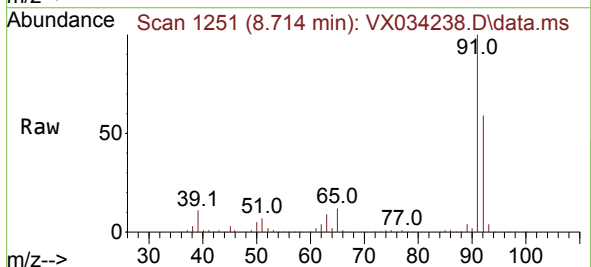
Acq: 23 Feb 2023 10:26

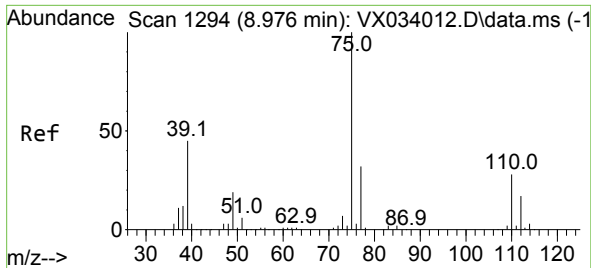
Tgt Ion: 92 Resp: 487845

Ion Ratio Lower Upper

92 100

91 169.6 135.5 203.3

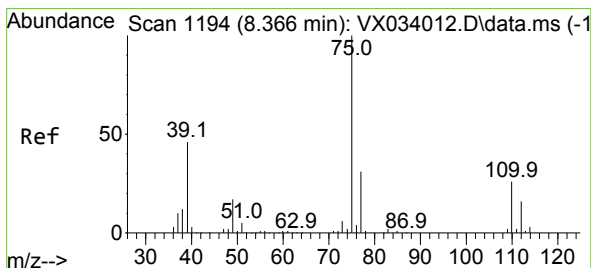
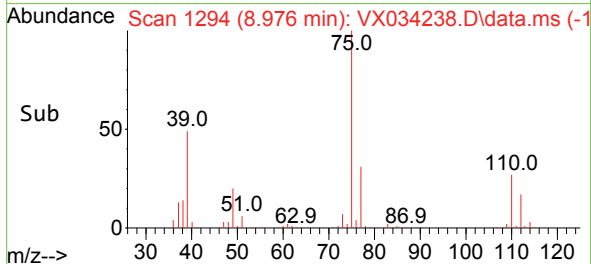
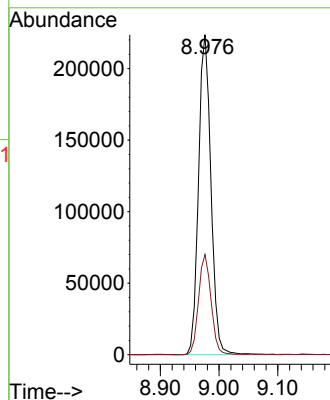
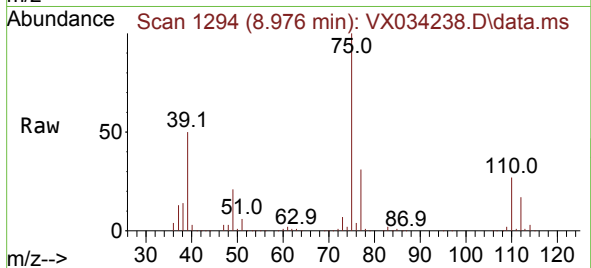




#53  
t-1,3-Dichloropropene  
Concen: 53.381 ug/l  
RT: 8.976 min Scan# 1193  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

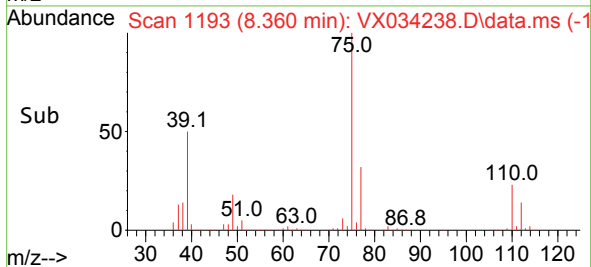
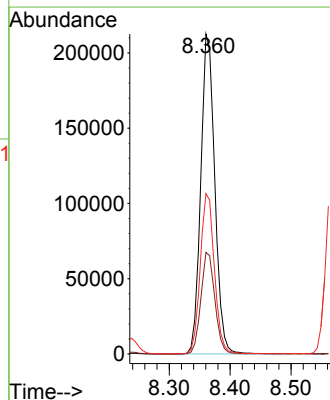
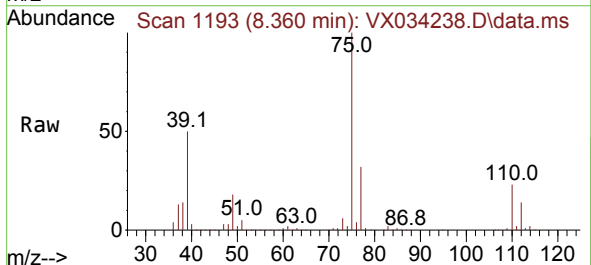
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

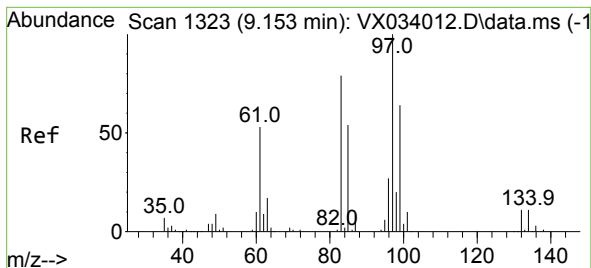
Tgt Ion: 75 Resp: 328634  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.5 38.3



#54  
cis-1,3-Dichloropropene  
Concen: 51.813 ug/l  
RT: 8.360 min Scan# 1193  
Delta R.T. -0.006 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 75 Resp: 341485  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.0 37.6  
39 50.0 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 55.463 ug/l

RT: 9.147 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 201788

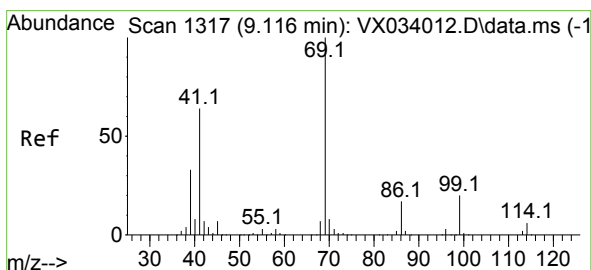
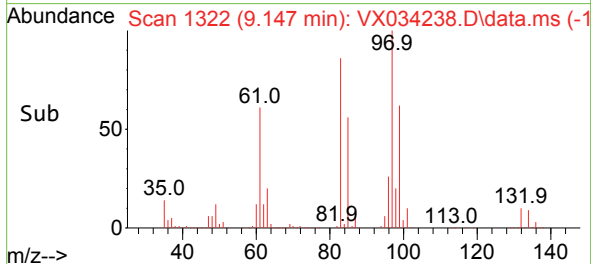
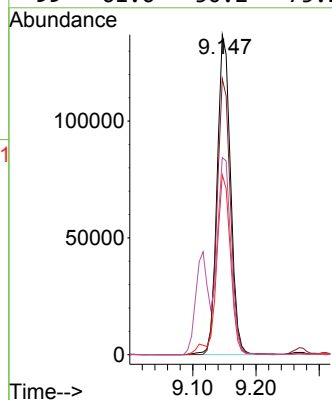
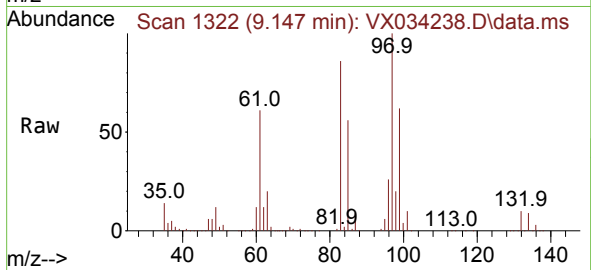
Ion Ratio Lower Upper

97 100

83 86.3 67.4 101.0

85 56.2 43.2 64.8

99 61.6 50.2 75.2



#56

Ethyl methacrylate

Concen: 54.511 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

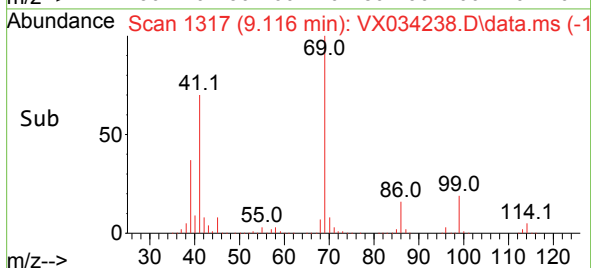
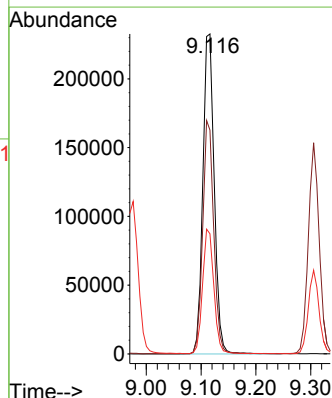
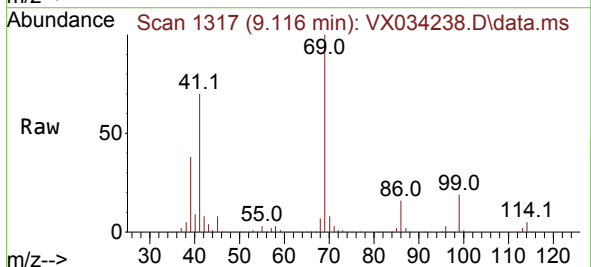
Tgt Ion: 69 Resp: 335502

Ion Ratio Lower Upper

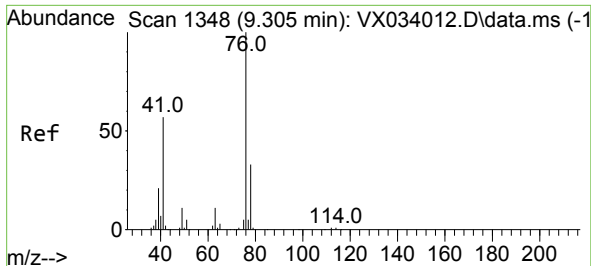
69 100

41 70.4 55.1 82.7

39 38.7 28.5 42.7







#57

1,3-Dichloropropane

Concen: 54.319 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA\_X

ClientSampleId :

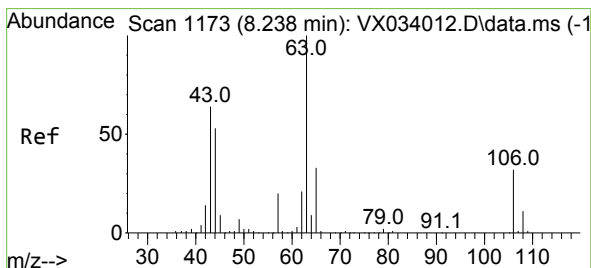
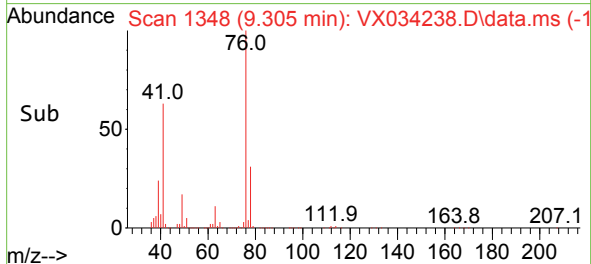
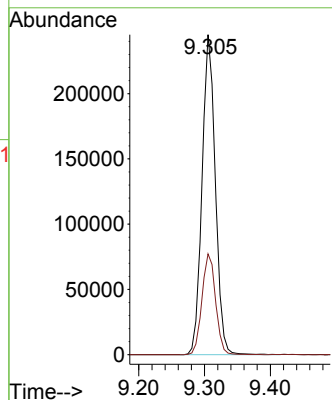
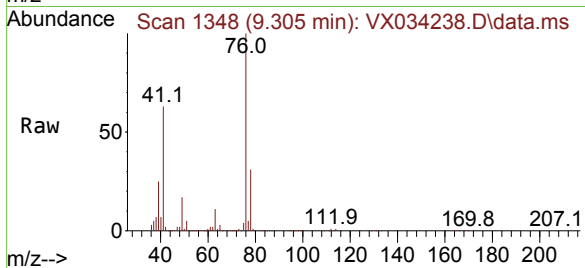
VSTDCCC050

Tgt Ion: 76 Resp: 343841

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 280.951 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034238.D

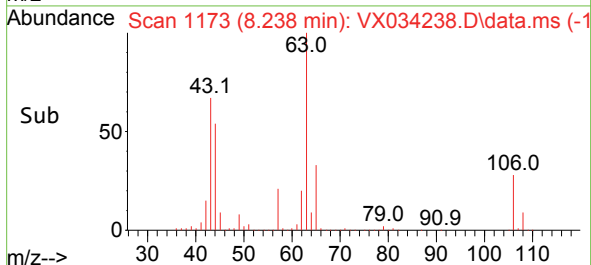
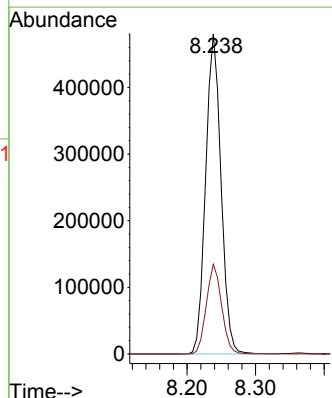
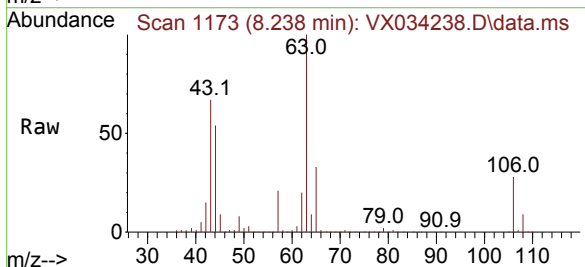
Acq: 23 Feb 2023 10:26

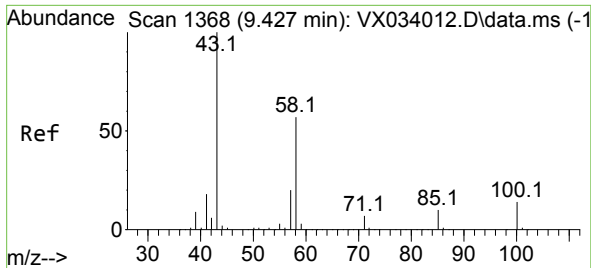
Tgt Ion: 63 Resp: 749060

Ion Ratio Lower Upper

63 100

106 27.8 24.5 36.7

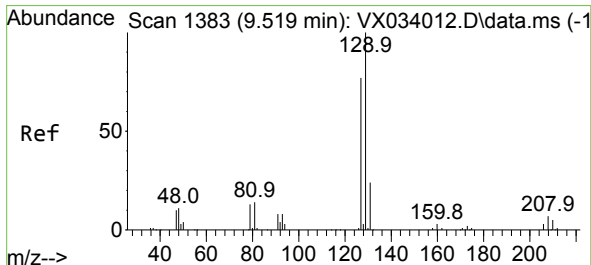
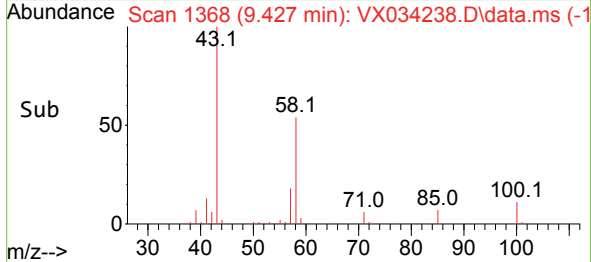
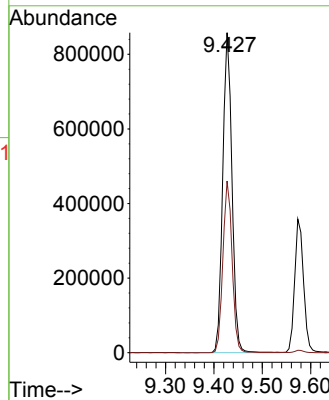
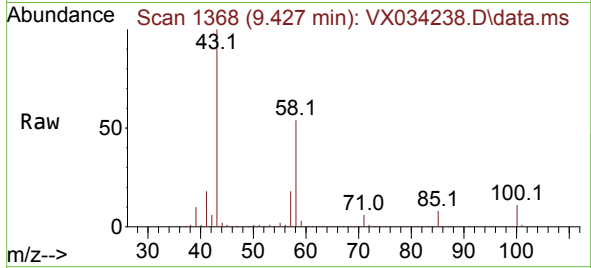




#59  
2-Hexanone  
Concen: 273.822 ug/l  
RT: 9.427 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

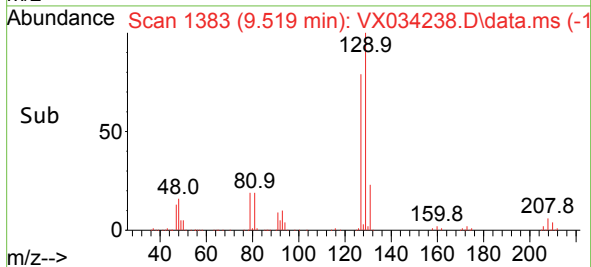
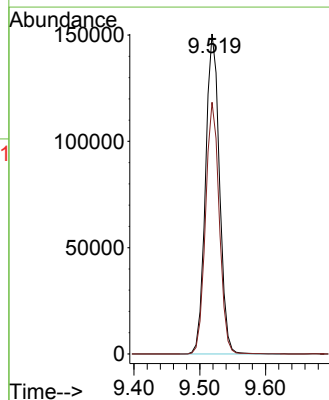
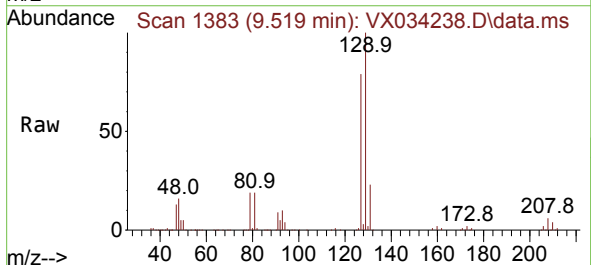
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

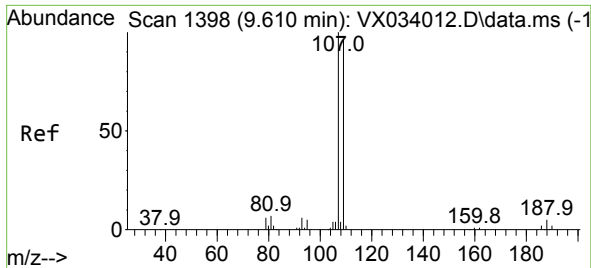
Tgt Ion: 43 Resp: 1136604  
Ion Ratio Lower Upper  
43 100  
58 53.5 27.4 82.0



#60  
Dibromochloromethane  
Concen: 55.162 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 129 Resp: 221751  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.8 116.3

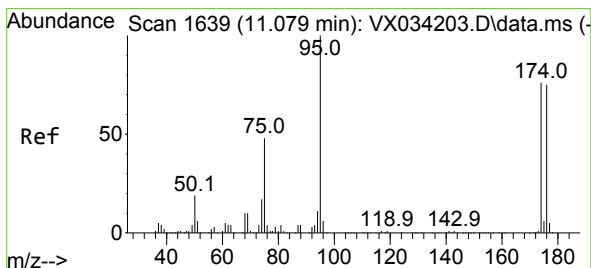
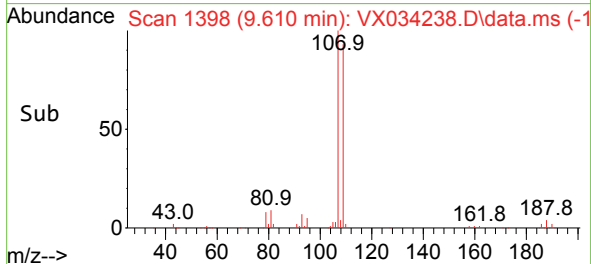
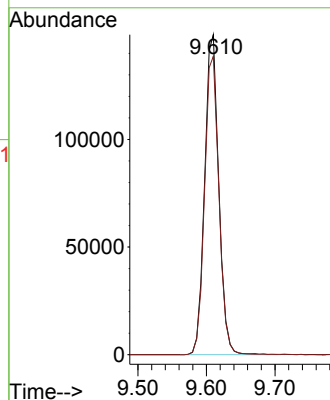
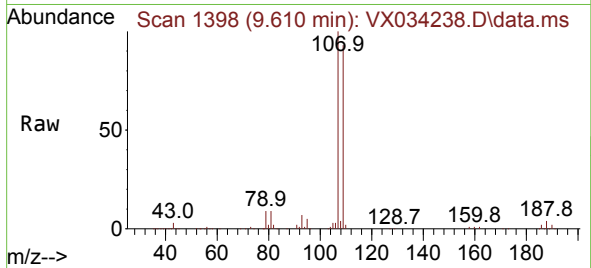




#61  
 1,2-Dibromoethane  
 Concen: 55.450 ug/l  
 RT: 9.610 min Scan# 1398  
 Delta R.T. 0.000 min  
 Lab File: VX034238.D  
 Acq: 23 Feb 2023 10:26

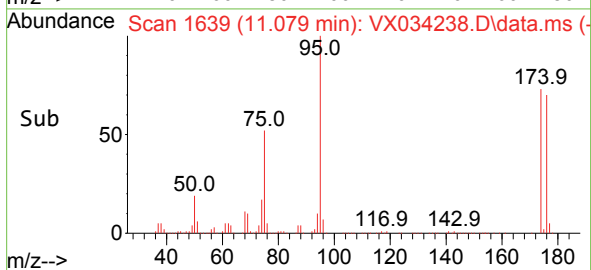
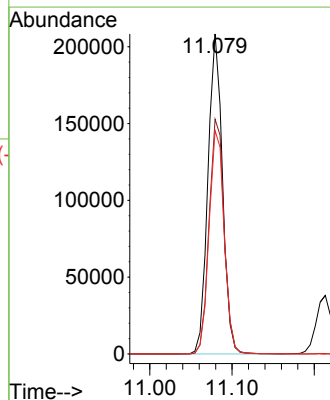
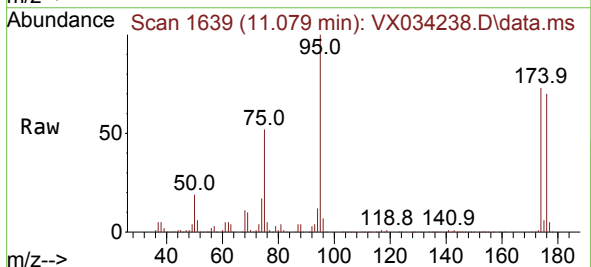
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

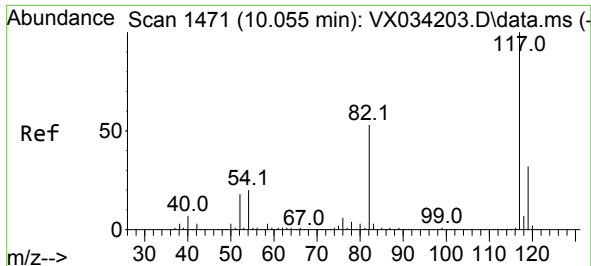
Tgt Ion:107 Resp: 213360  
 Ion Ratio Lower Upper  
 107 100  
 109 94.9 74.2 111.2



#62  
 4-Bromofluorobenzene  
 Concen: 54.854 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. 0.000 min  
 Lab File: VX034238.D  
 Acq: 23 Feb 2023 10:26

Tgt Ion: 95 Resp: 255693  
 Ion Ratio Lower Upper  
 95 100  
 174 76.2 0.0 184.4  
 176 72.6 0.0 178.8

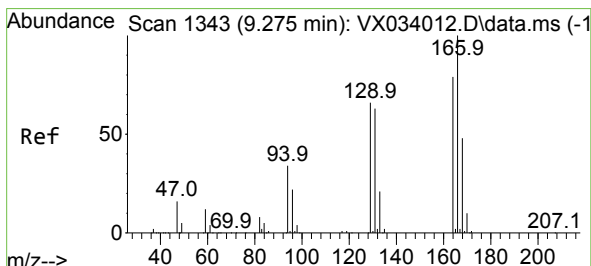
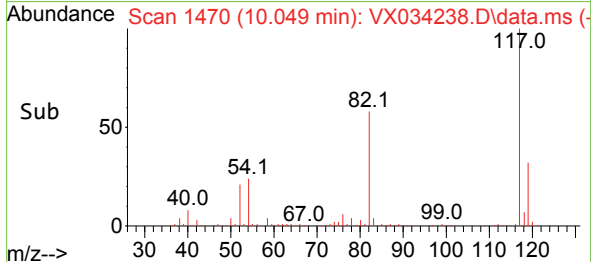
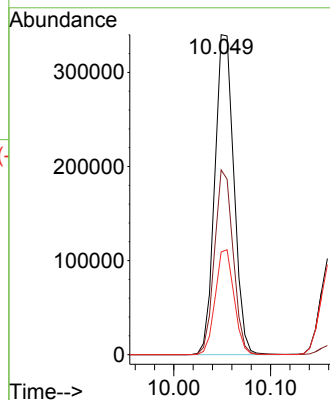
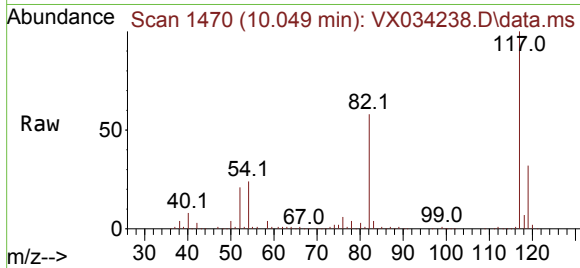




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

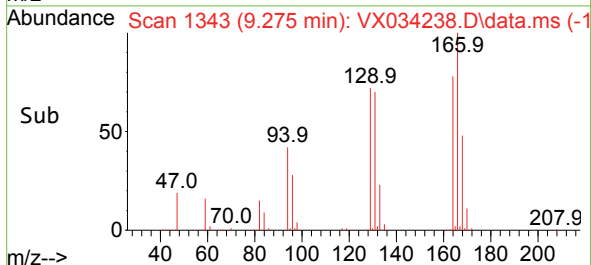
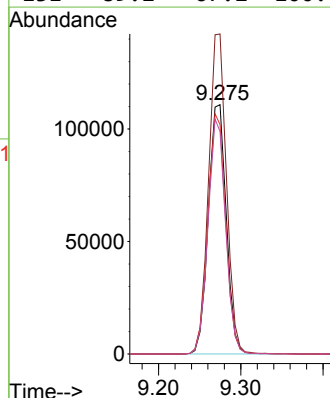
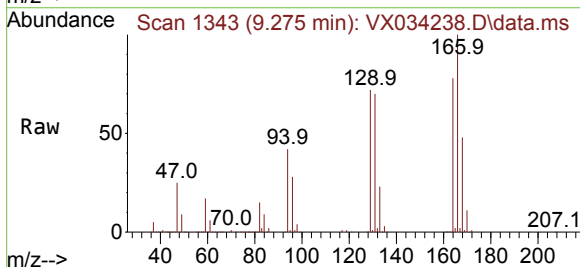
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

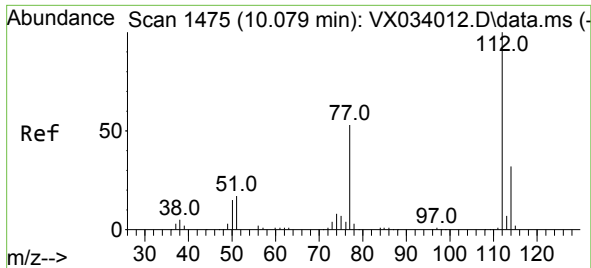
Tgt Ion:117 Resp: 467298  
Ion Ratio Lower Upper  
117 100  
82 57.8 40.6 60.8  
119 32.1 25.6 38.4



#64  
Tetrachloroethene  
Concen: 50.969 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion:164 Resp: 168099  
Ion Ratio Lower Upper  
164 100  
166 128.4 100.2 150.2  
129 92.0 69.2 103.8  
131 89.2 67.2 100.8

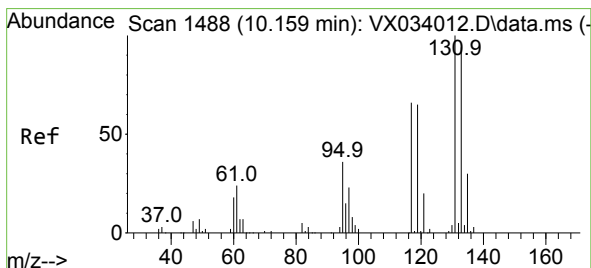
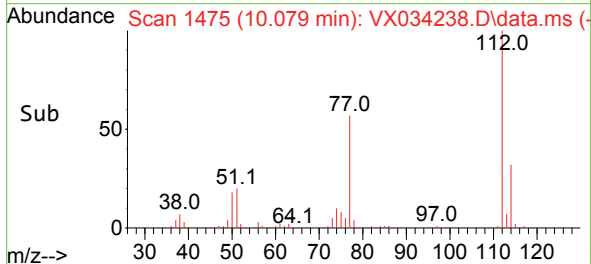
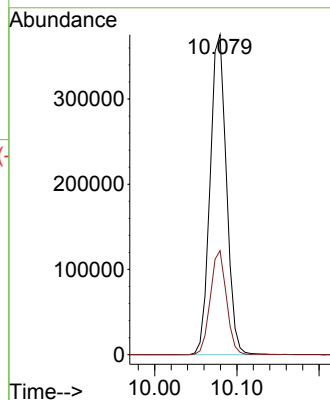
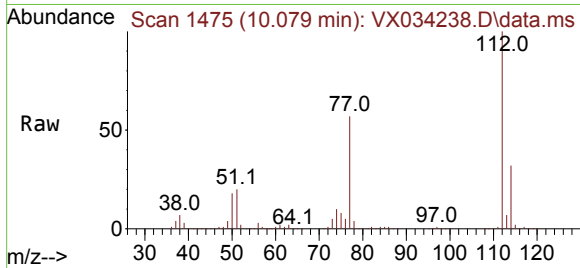




#65  
Chlorobenzene  
Concen: 53.211 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

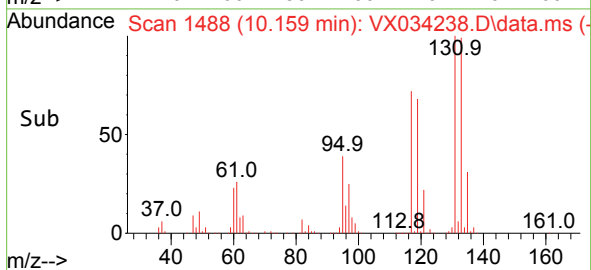
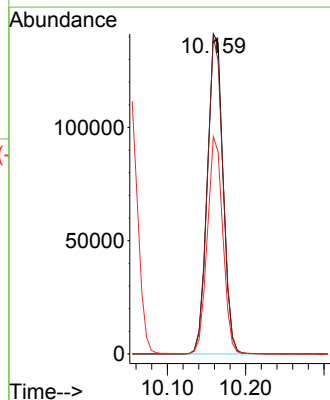
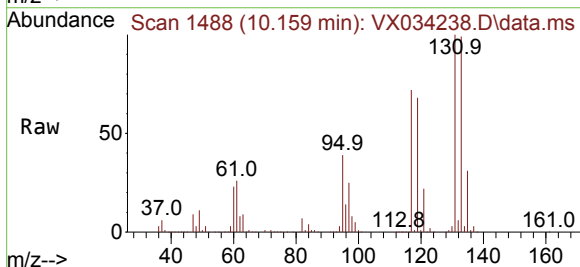
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

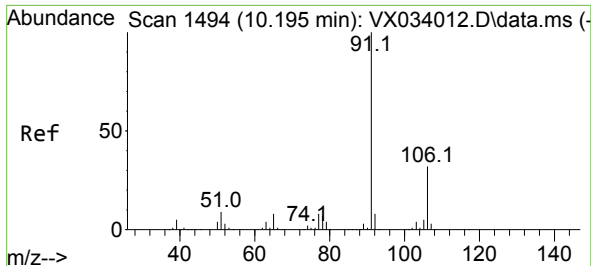
Tgt Ion:112 Resp: 518323  
Ion Ratio Lower Upper  
112 100  
114 32.5 26.2 39.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.237 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion:131 Resp: 196980  
Ion Ratio Lower Upper  
131 100  
133 98.1 48.4 145.0  
119 66.7 31.9 95.7





#67

Ethyl Benzene

Concen: 53.437 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.006 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA\_X

ClientSampleId :

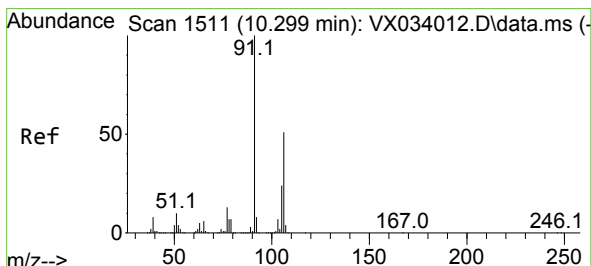
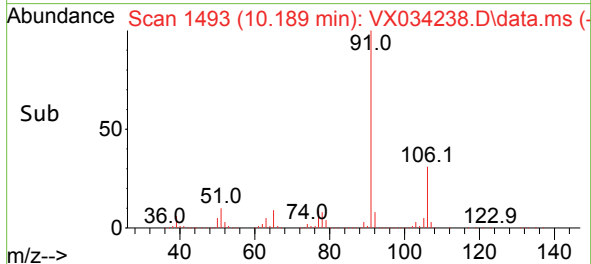
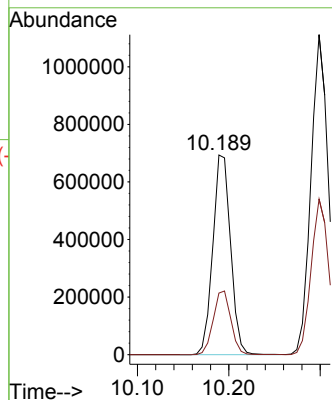
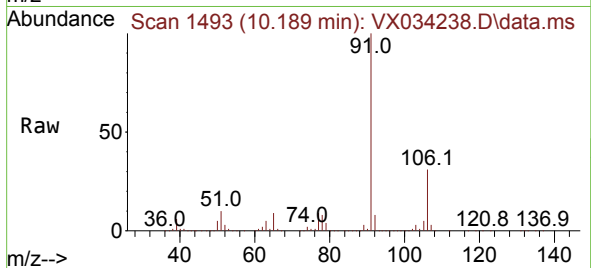
VSTDCCC050

Tgt Ion: 91 Resp: 935136

Ion Ratio Lower Upper

91 100

106 30.9 25.8 38.8



#68

m/p-Xylenes

Concen: 108.383 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX034238.D

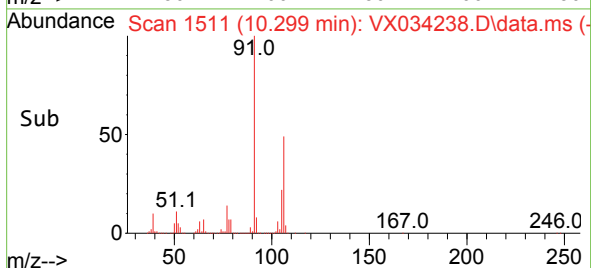
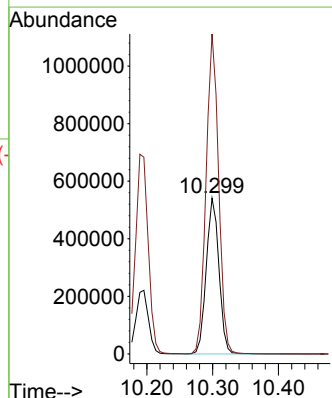
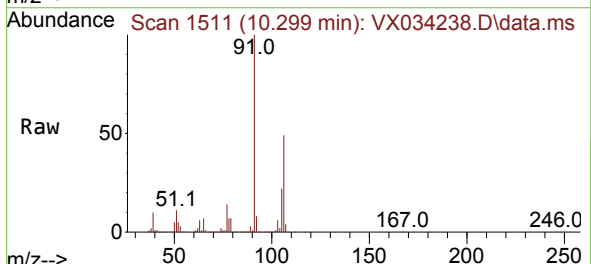
Acq: 23 Feb 2023 10:26

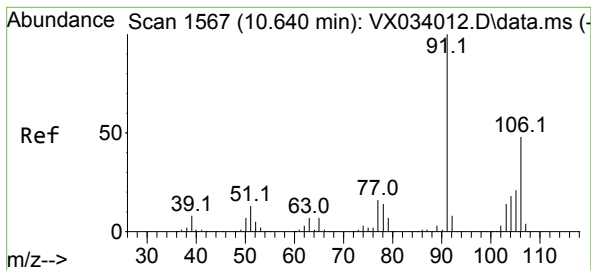
Tgt Ion:106 Resp: 725840

Ion Ratio Lower Upper

106 100

91 203.0 156.4 234.6





#69

o-Xylene

Concen: 54.246 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA\_X

ClientSampleId :

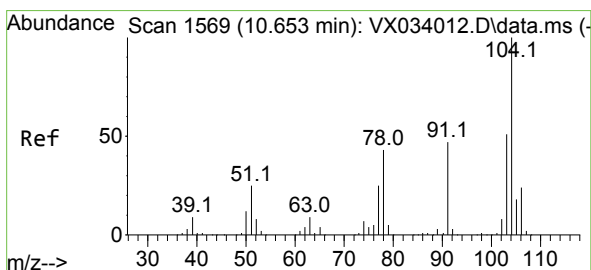
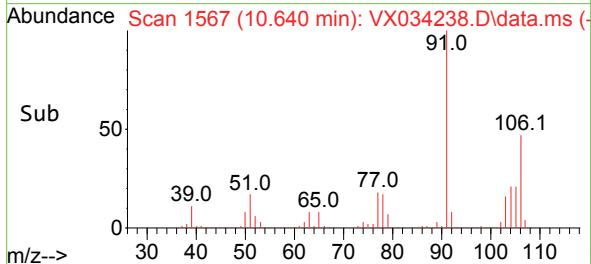
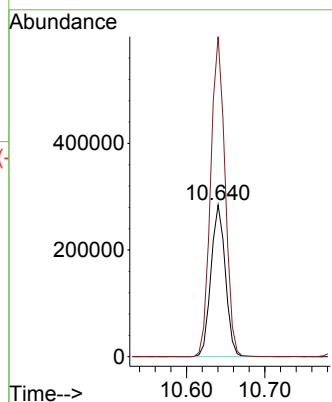
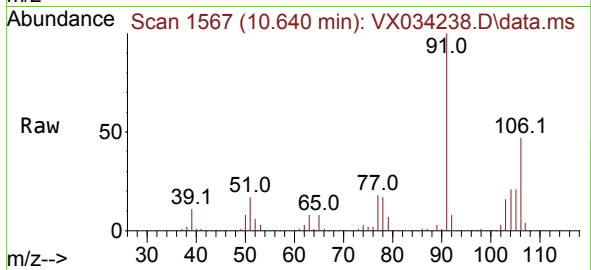
VSTDCCC050

Tgt Ion:106 Resp: 361666

Ion Ratio Lower Upper

106 100

91 211.6 103.1 309.3



#70

Styrene

Concen: 56.190 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

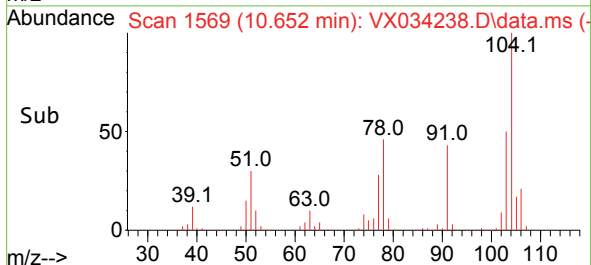
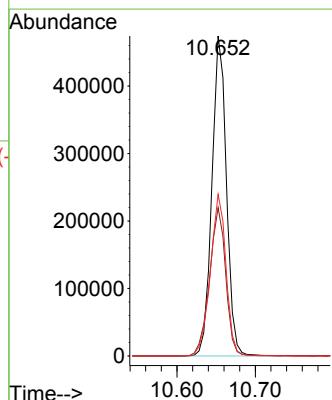
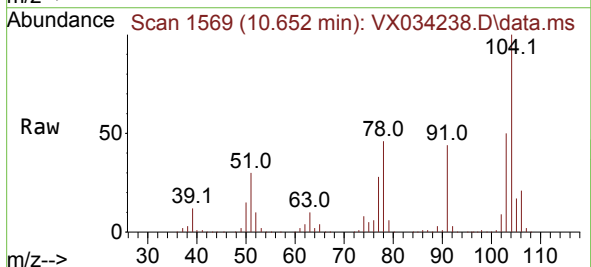
Tgt Ion:104 Resp: 609288

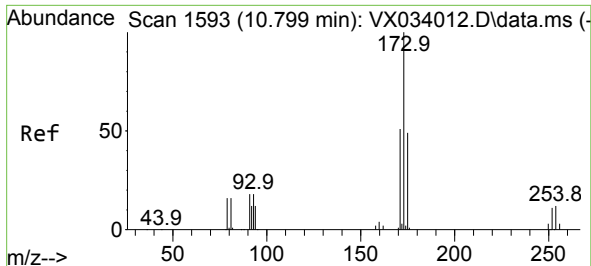
Ion Ratio Lower Upper

104 100

78 51.6 37.5 56.3

103 54.7 43.3 64.9

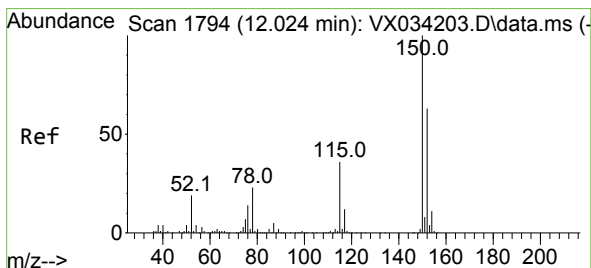
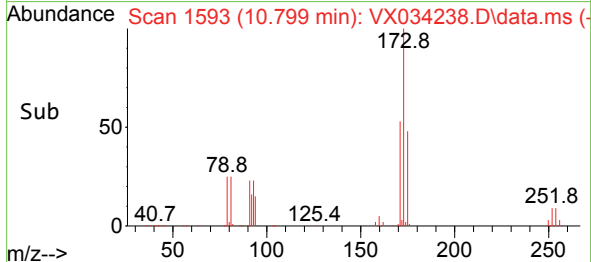
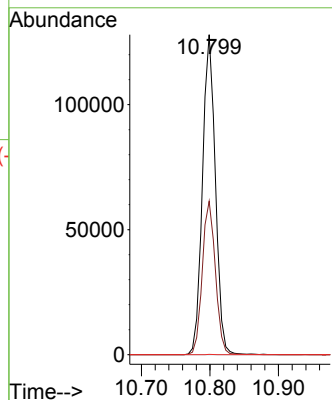
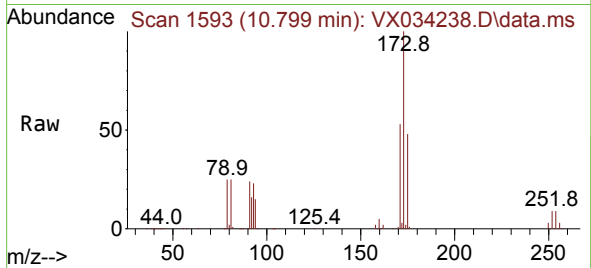




#71  
Bromoform  
Concen: 54.621 ug/l  
RT: 10.799 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

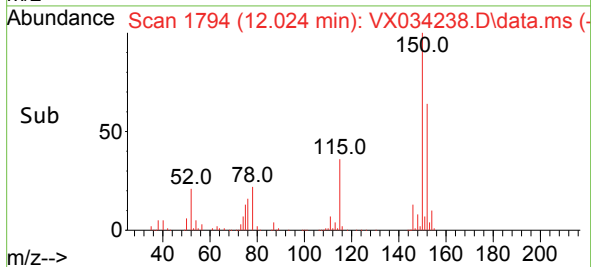
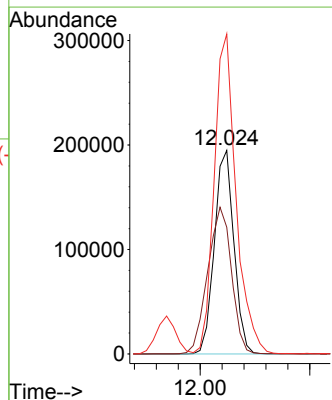
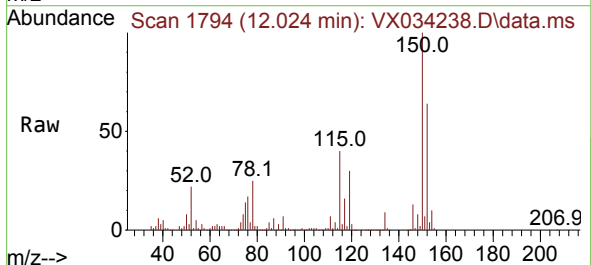
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:173 Resp: 168126  
Ion Ratio Lower Upper  
173 100  
175 48.7 24.1 72.3  
254 0.1 0.1 0.1#

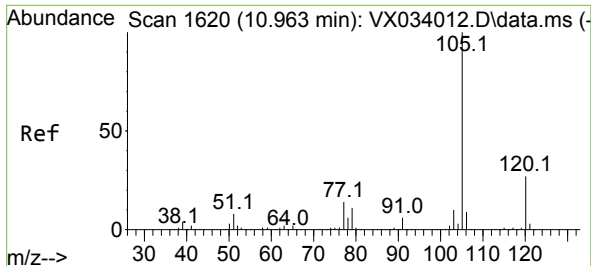


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion:152 Resp: 241234  
Ion Ratio Lower Upper  
152 100  
115 88.1 38.7 116.1  
150 175.3 0.0 348.2



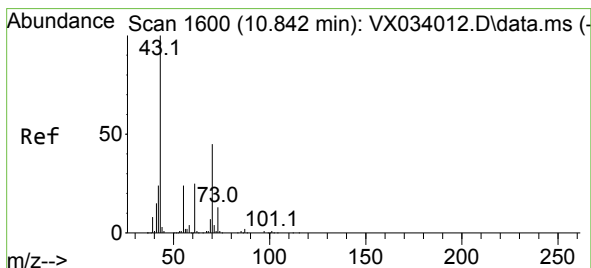
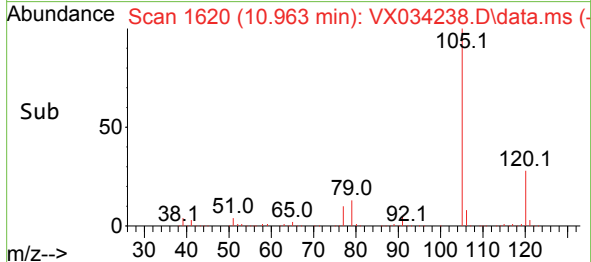
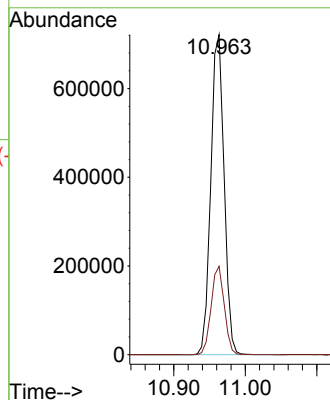
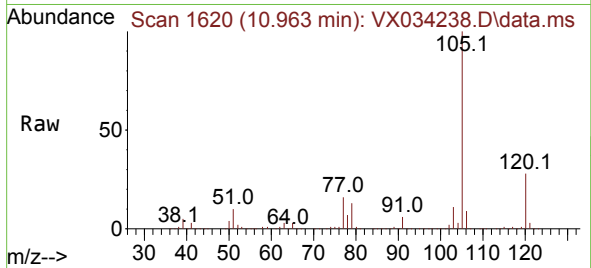




#73  
Isopropylbenzene  
Concen: 50.672 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

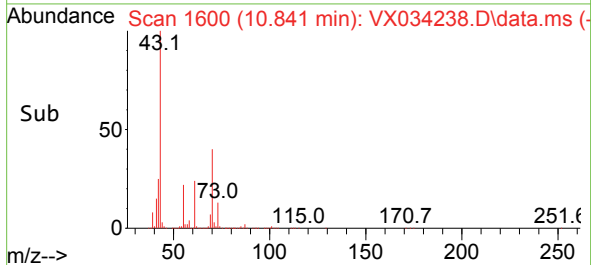
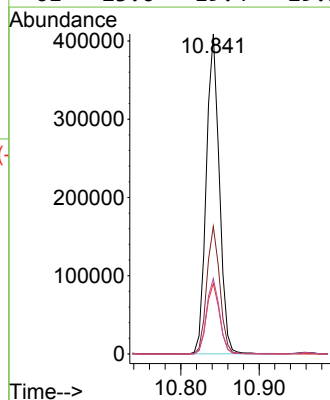
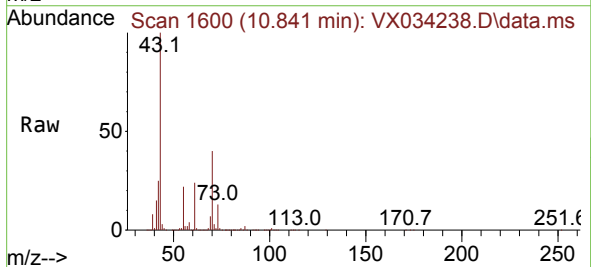
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050

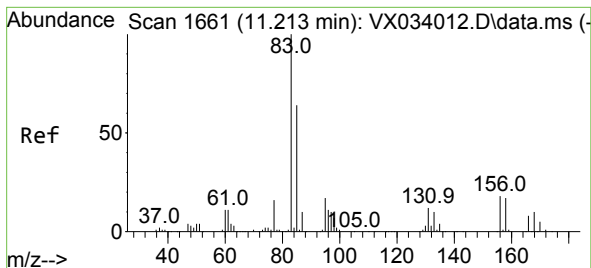
Tgt Ion:105 Resp: 931614  
Ion Ratio Lower Upper  
105 100  
120 27.3 13.6 40.8



#74  
N-ethyl acetate  
Concen: 51.020 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 43 Resp: 471243  
Ion Ratio Lower Upper  
43 100  
70 39.8 34.8 52.2  
55 22.3 19.4 29.0  
61 23.6 19.4 29.2

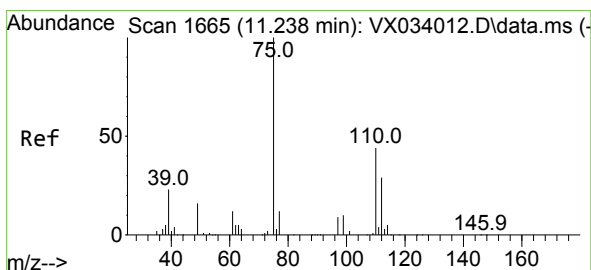
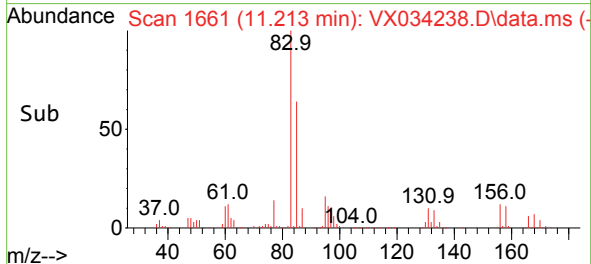
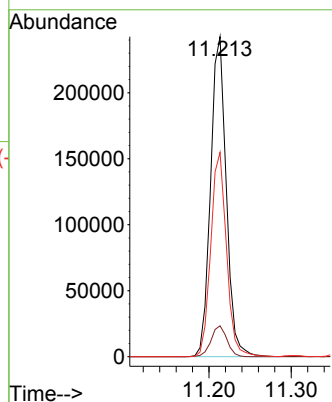
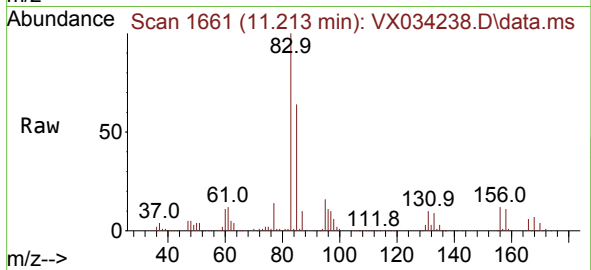




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 51.117 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: VX034238.D  
 Acq: 23 Feb 2023 10:26

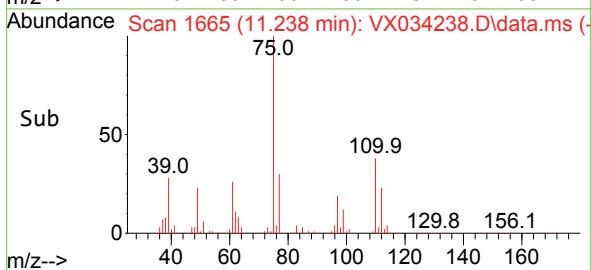
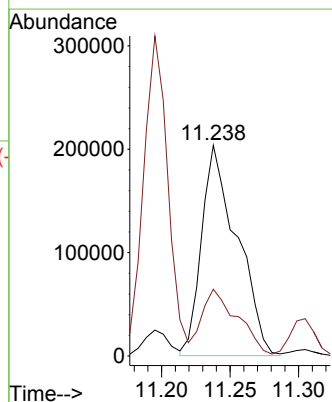
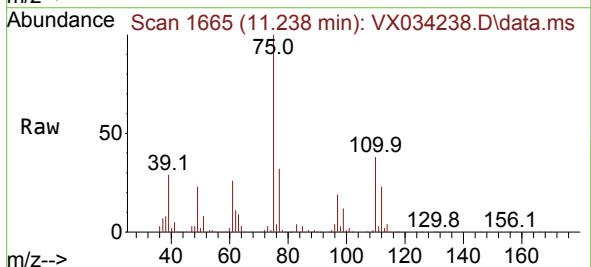
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

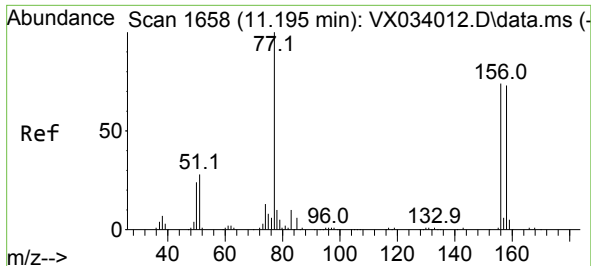
Tgt Ion: 83 Resp: 321435  
 Ion Ratio Lower Upper  
 83 100  
 131 9.8 5.5 16.7  
 85 64.1 32.3 96.9



#76  
 1,2,3-Trichloropropane  
 Concen: 60.543 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. 0.000 min  
 Lab File: VX034238.D  
 Acq: 23 Feb 2023 10:26

Tgt Ion: 75 Resp: 367502  
 Ion Ratio Lower Upper  
 75 100  
 77 32.0 21.8 65.4

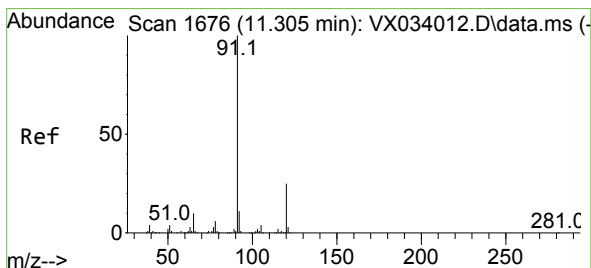
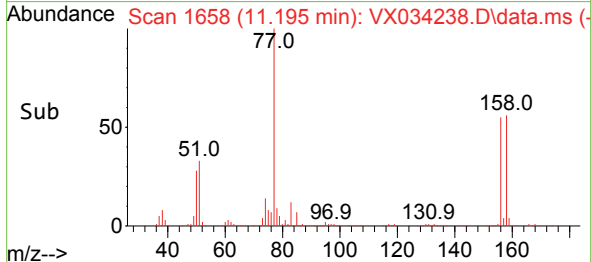
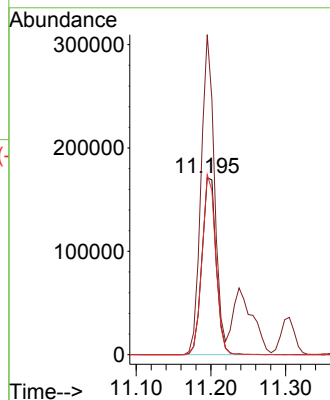
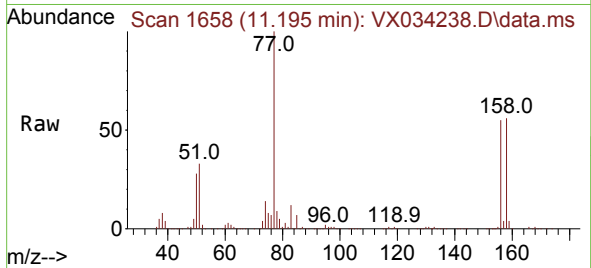




#77  
Bromobenzene  
Concen: 51.182 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

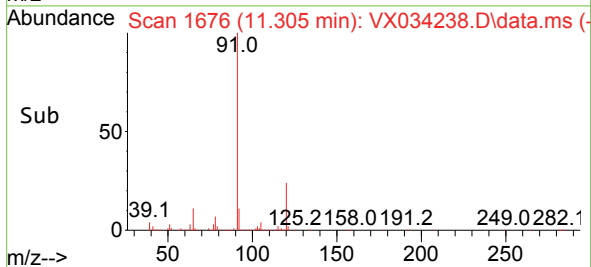
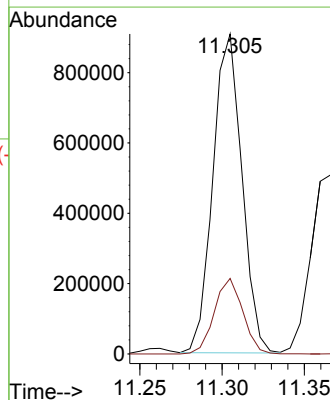
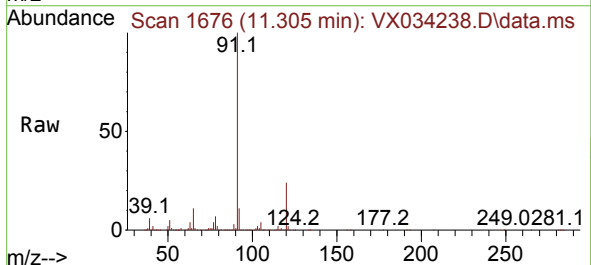
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

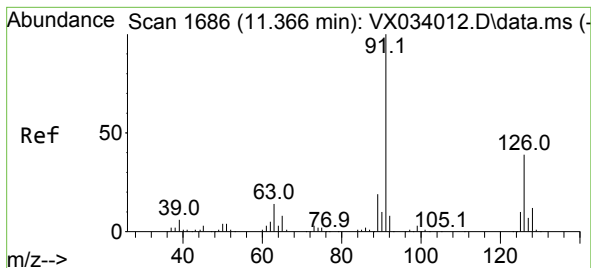
Tgt Ion:156 Resp: 226446  
Ion Ratio Lower Upper  
156 100  
77 169.9 68.1 204.3  
158 97.9 48.0 144.2



#78  
n-propylbenzene  
Concen: 52.084 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 91 Resp: 1113673  
Ion Ratio Lower Upper  
91 100  
120 23.3 12.3 36.8

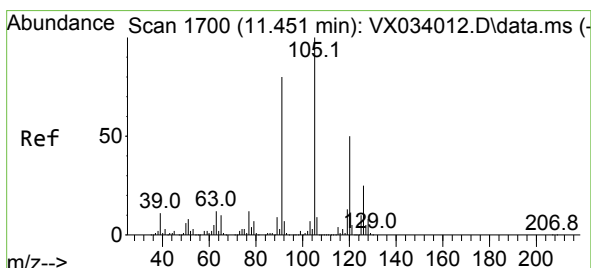
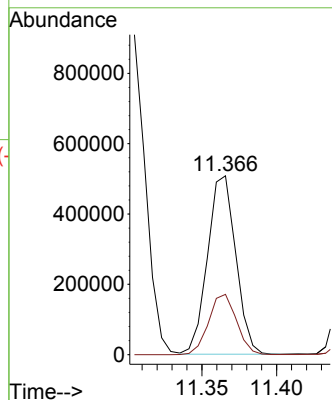
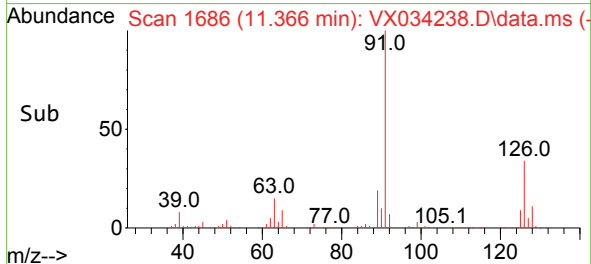
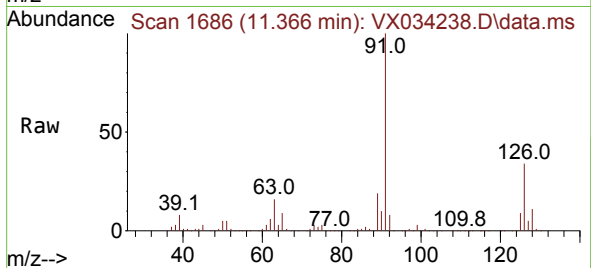




#79  
2-Chlorotoluene  
Concen: 50.871 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

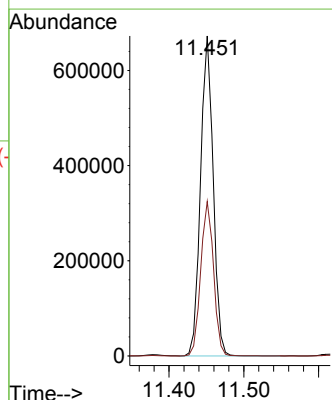
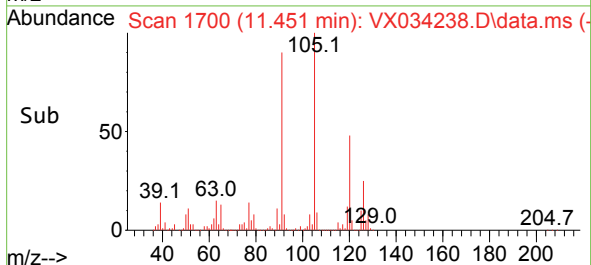
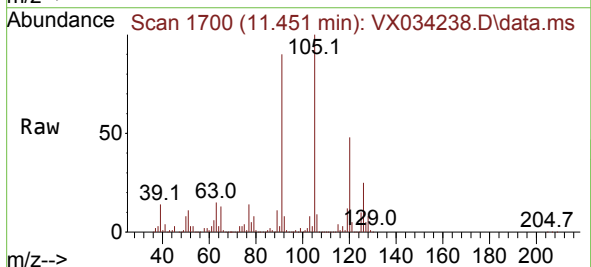
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

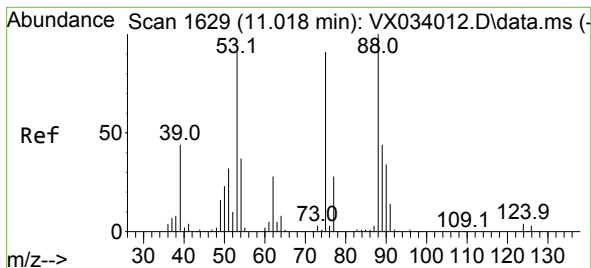
Tgt Ion: 91 Resp: 666970  
Ion Ratio Lower Upper  
91 100  
126 33.5 18.1 54.1



#80  
1,3,5-Trimethylbenzene  
Concen: 51.065 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 105 Resp: 789321  
Ion Ratio Lower Upper  
105 100  
120 48.8 25.6 76.8

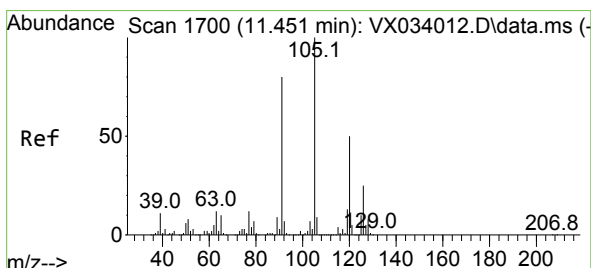
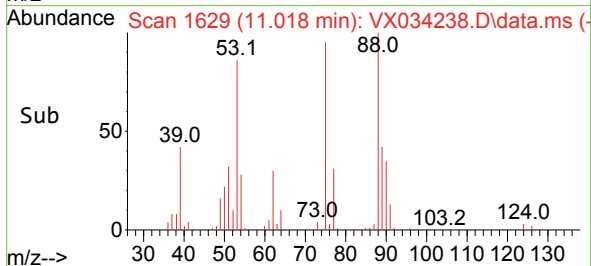
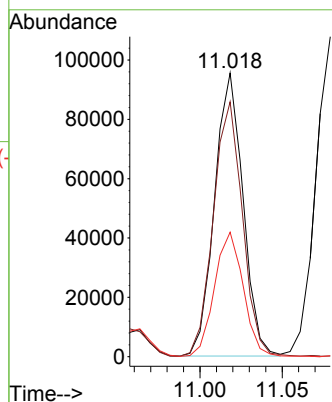
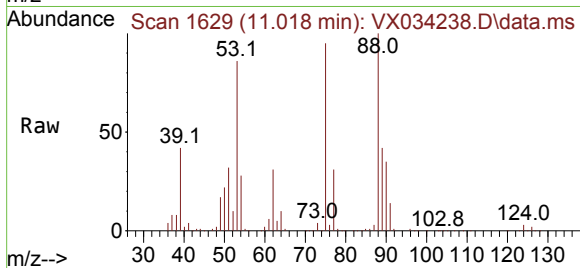




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 48.635 ug/l  
 RT: 11.018 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: VX034238.D  
 Acq: 23 Feb 2023 10:26

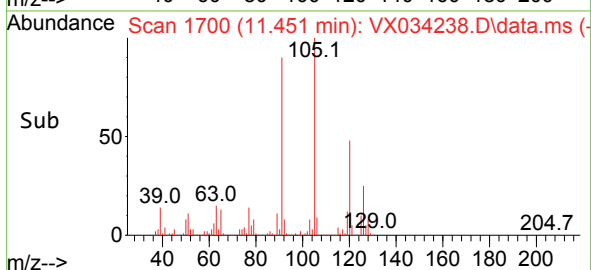
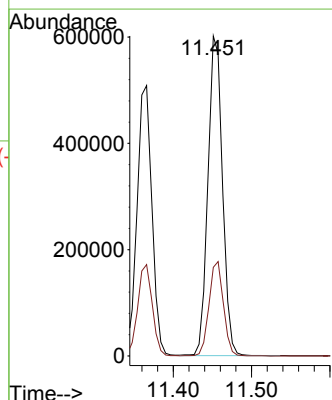
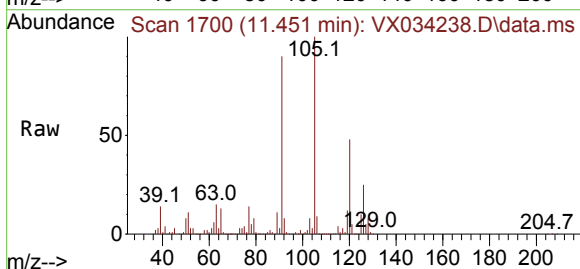
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

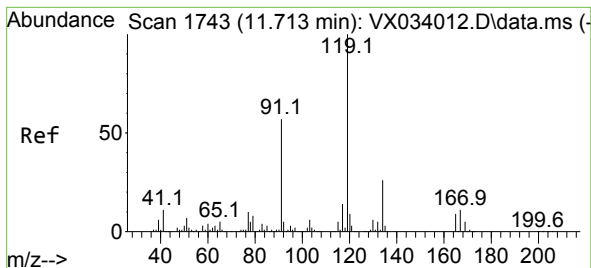
Tgt Ion: 75 Resp: 114921  
 Ion Ratio Lower Upper  
 75 100  
 53 92.0 83.0 124.6  
 89 44.6 37.7 56.5



#82  
 4-Chlorotoluene  
 Concen: 51.864 ug/l  
 RT: 11.451 min Scan# 1700  
 Delta R.T. -0.006 min  
 Lab File: VX034238.D  
 Acq: 23 Feb 2023 10:26

Tgt Ion: 91 Resp: 774493  
 Ion Ratio Lower Upper  
 91 100  
 126 29.2 15.8 47.4





#83

tert-Butylbenzene

Concen: 50.271 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

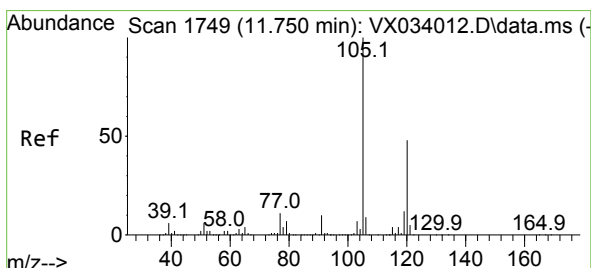
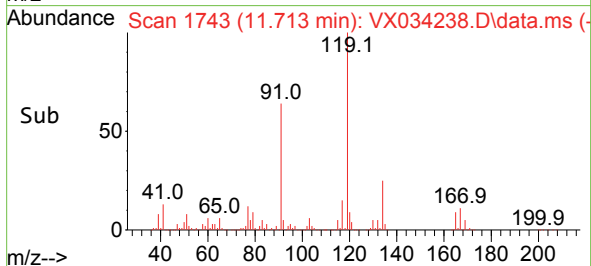
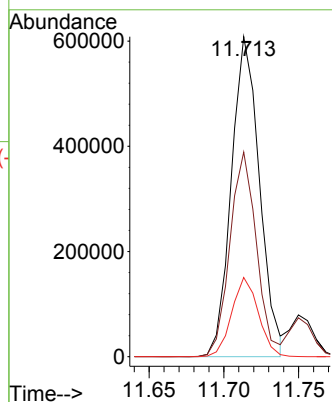
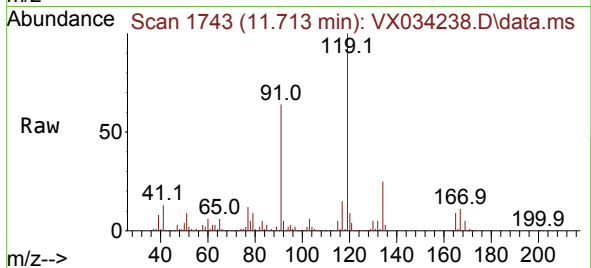
Tgt Ion:119 Resp: 795843

Ion Ratio Lower Upper

119 100

91 60.7 26.9 80.7

134 23.4 12.3 36.8



#84

1,2,4-Trimethylbenzene

Concen: 51.391 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034238.D

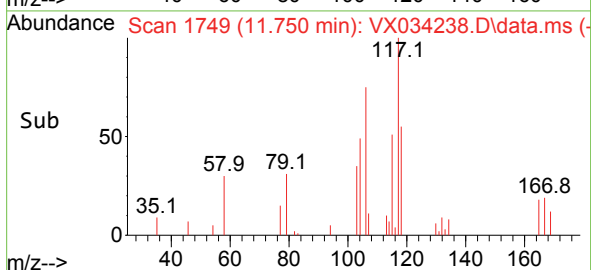
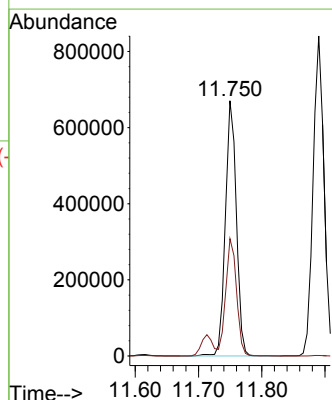
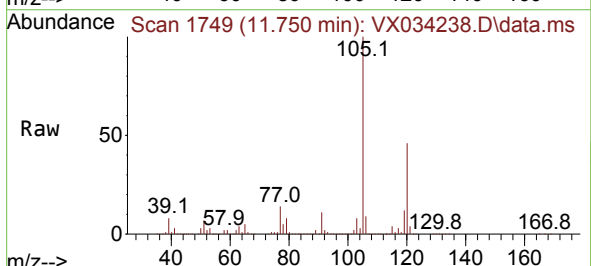
Acq: 23 Feb 2023 10:26

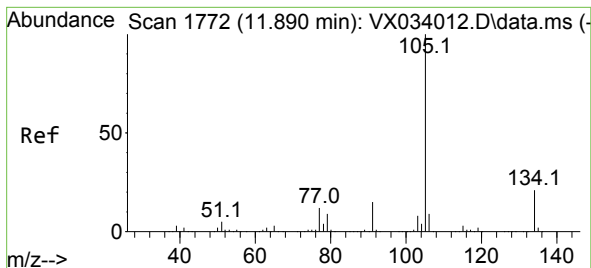
Tgt Ion:105 Resp: 803190

Ion Ratio Lower Upper

105 100

120 44.9 23.4 70.2





#85

sec-Butylbenzene

Concen: 52.078 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA\_X

ClientSampleId :

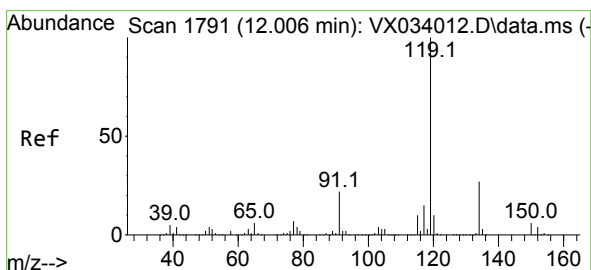
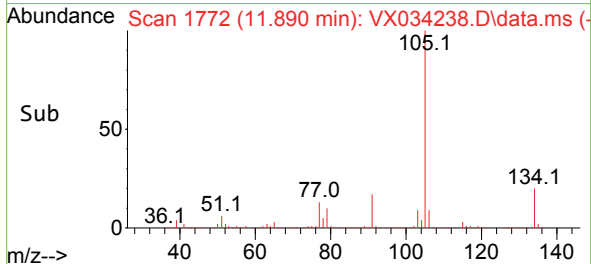
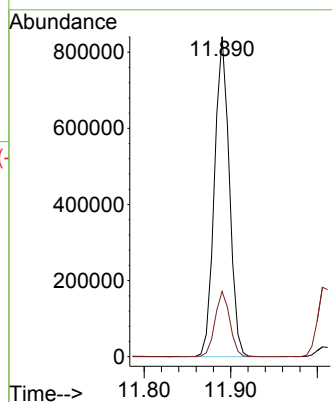
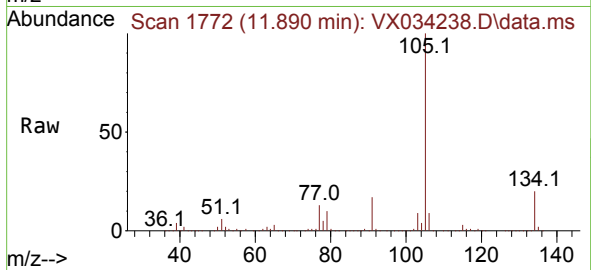
VSTDCCC050

Tgt Ion:105 Resp: 1001187

Ion Ratio Lower Upper

105 100

134 20.3 10.8 32.3



#86

p-Isopropyltoluene

Concen: 52.994 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

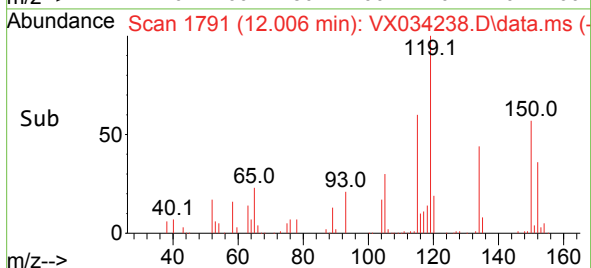
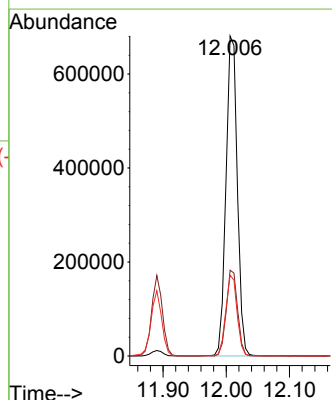
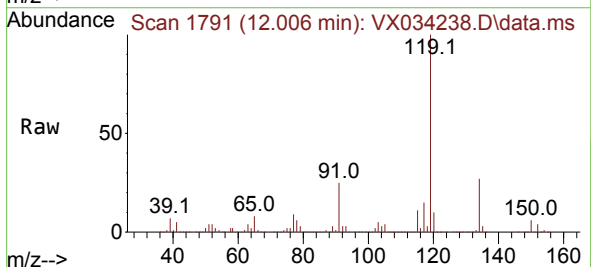
Tgt Ion:119 Resp: 843156

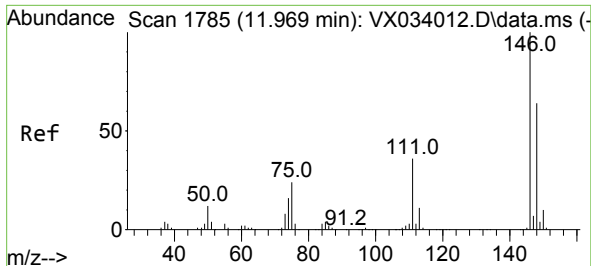
Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

91 25.1 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 52.245 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034238.D

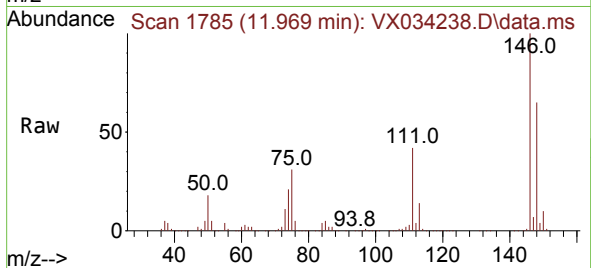
Acq: 23 Feb 2023 10:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050



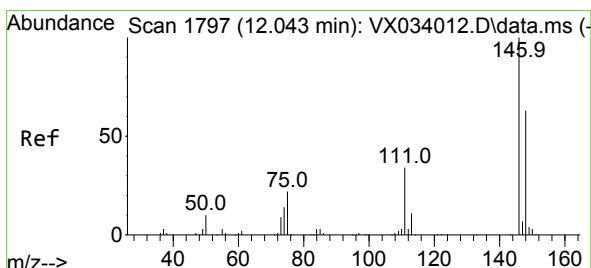
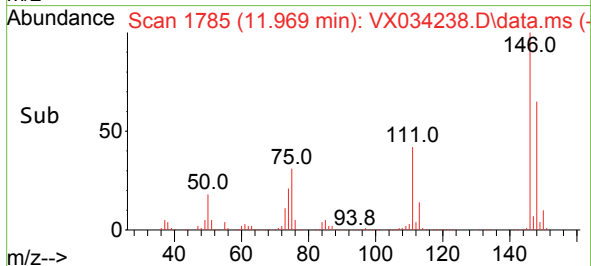
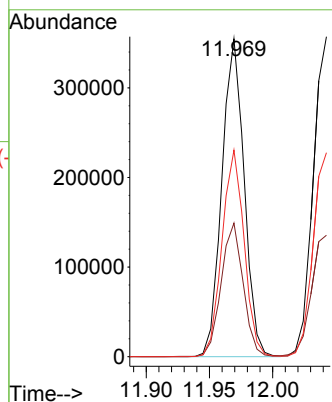
Tgt Ion:146 Resp: 433507

Ion Ratio Lower Upper

146 100

111 41.6 18.6 55.6

148 64.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 52.347 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

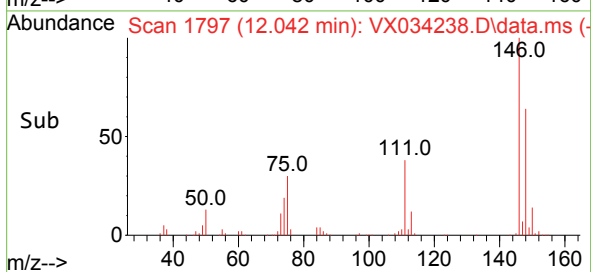
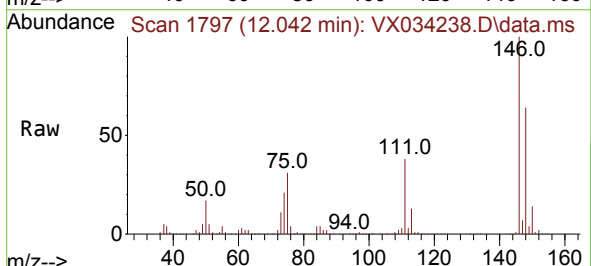
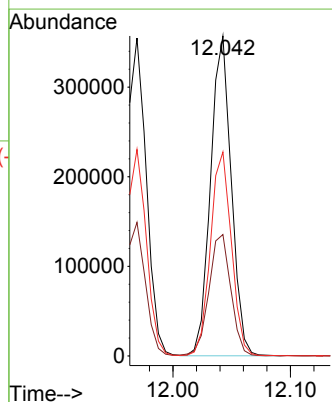
Tgt Ion:146 Resp: 438107

Ion Ratio Lower Upper

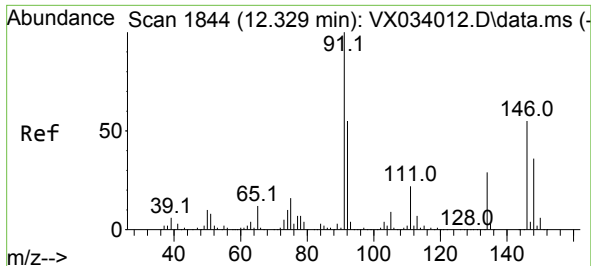
146 100

111 40.2 17.8 53.4

148 64.5 32.1 96.3



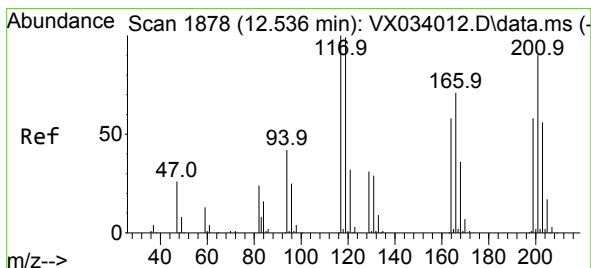
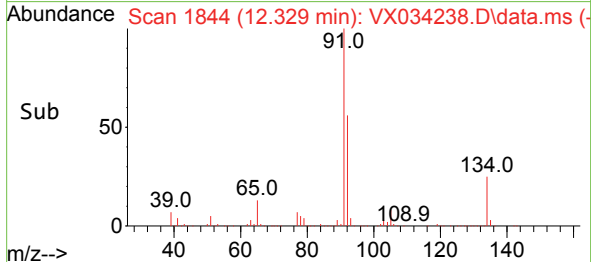
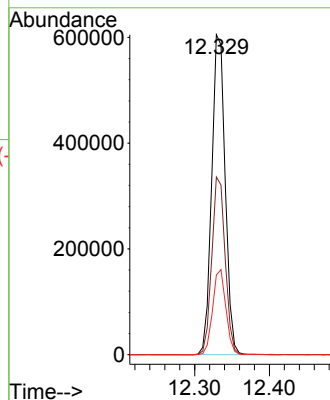
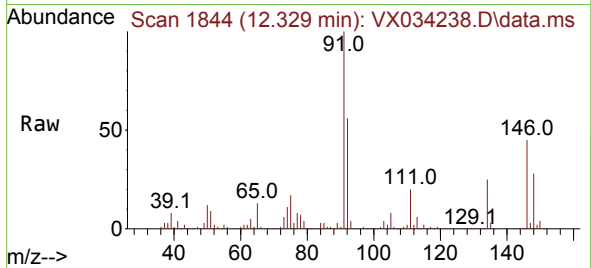




#89  
n-Butylbenzene  
Concen: 53.480 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.006 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

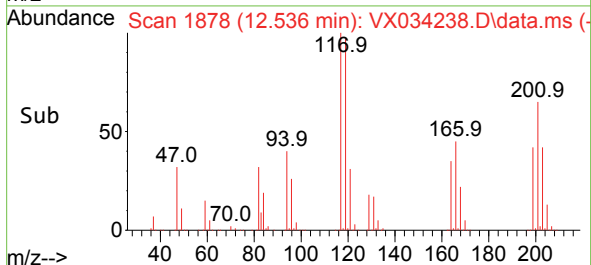
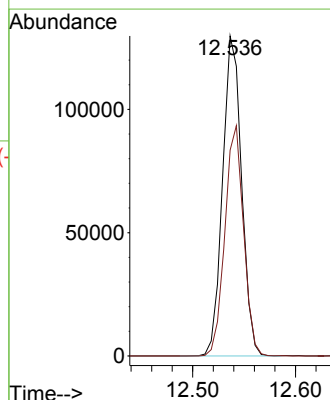
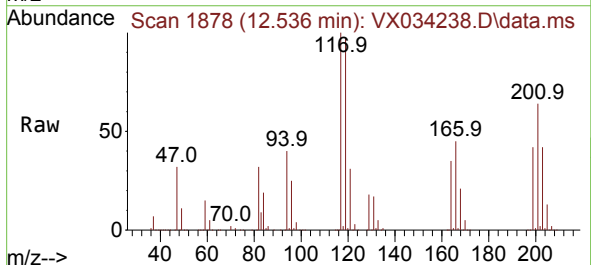
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

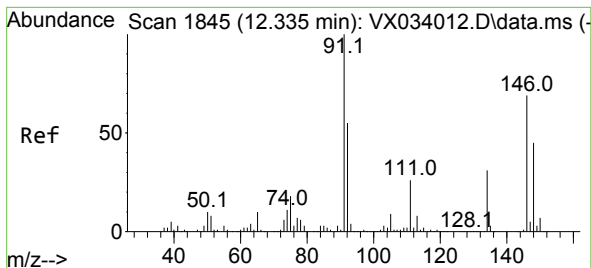
Tgt Ion: 91 Resp: 757857  
Ion Ratio Lower Upper  
91 100  
92 55.2 27.5 82.5  
134 26.1 14.3 42.9



#90  
Hexachloroethane  
Concen: 49.950 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX034238.D  
Acq: 23 Feb 2023 10:26

Tgt Ion: 117 Resp: 166163  
Ion Ratio Lower Upper  
117 100  
201 71.0 45.1 135.3





#91

1,2-Dichlorobenzene

Concen: 52.030 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

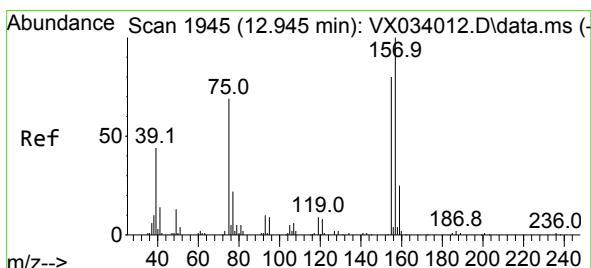
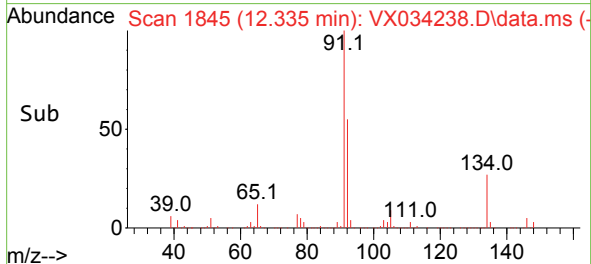
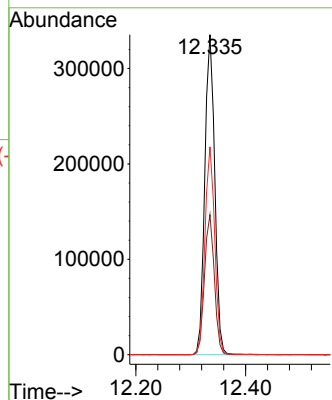
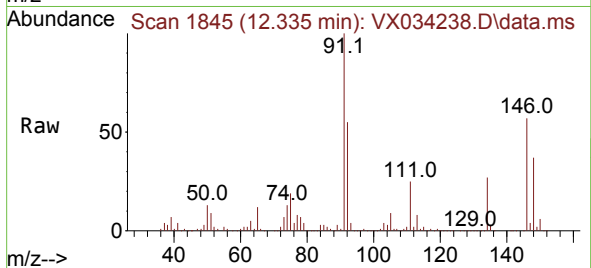
Tgt Ion:146 Resp: 422403

Ion Ratio Lower Upper

146 100

111 43.3 19.3 57.8

148 64.0 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.984 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

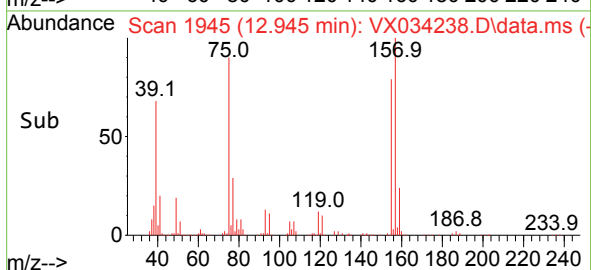
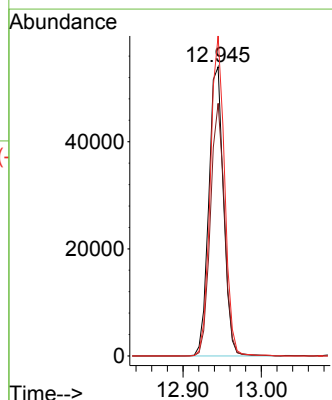
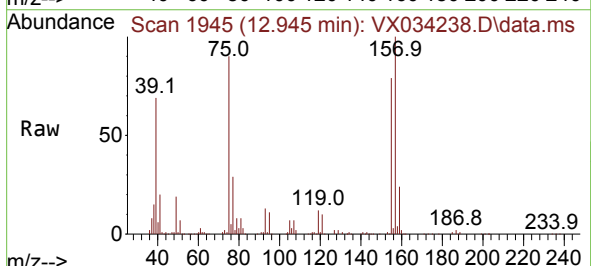
Tgt Ion: 75 Resp: 70453

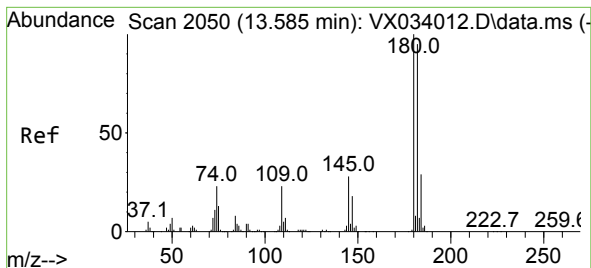
Ion Ratio Lower Upper

75 100

155 83.6 51.7 155.1

157 107.4 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 52.349 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

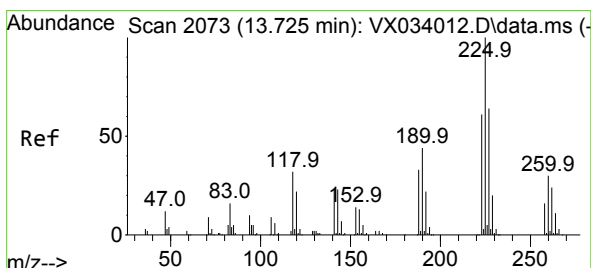
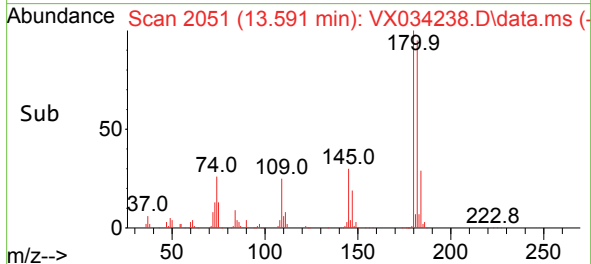
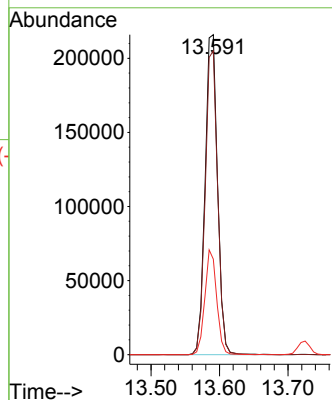
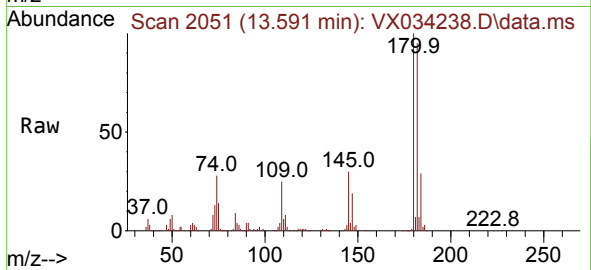
Tgt Ion:180 Resp: 272848

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.6

145 31.3 14.1 42.2



#94

Hexachlorobutadiene

Concen: 50.754 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

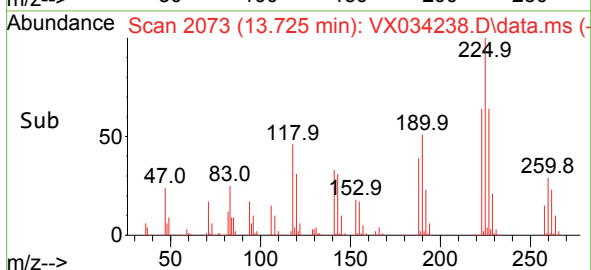
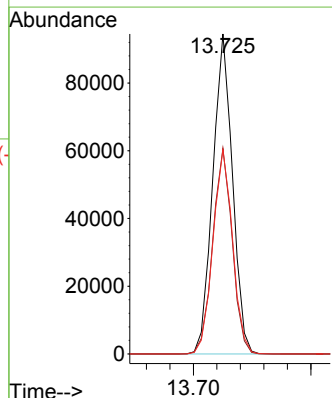
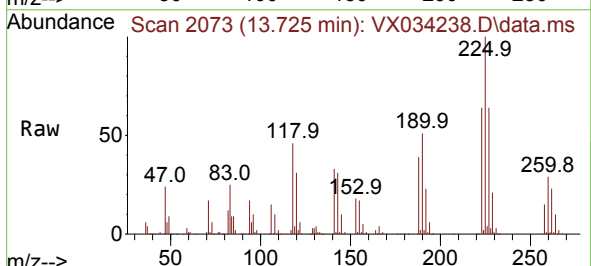
Tgt Ion:225 Resp: 109665

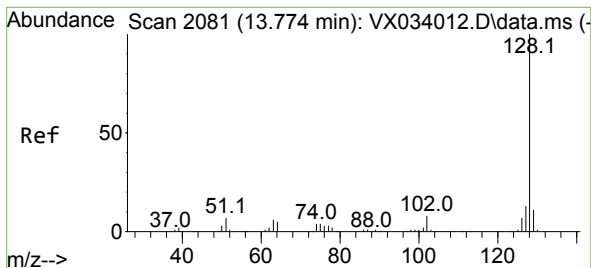
Ion Ratio Lower Upper

225 100

223 63.5 31.3 93.9

227 63.8 32.3 96.9





#95

Naphthalene

Concen: 50.941 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

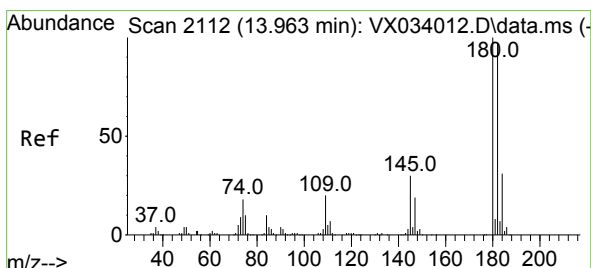
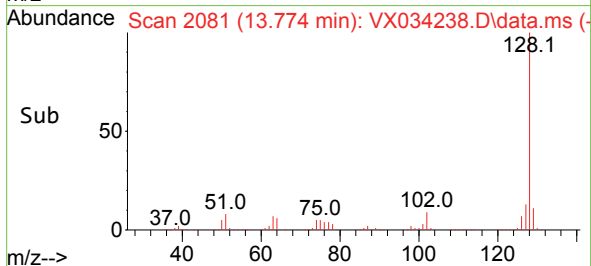
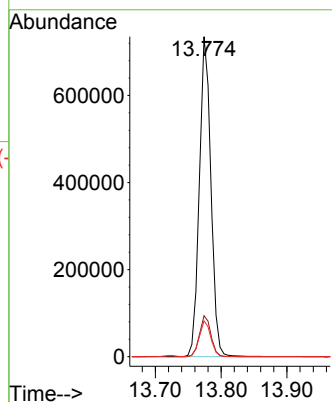
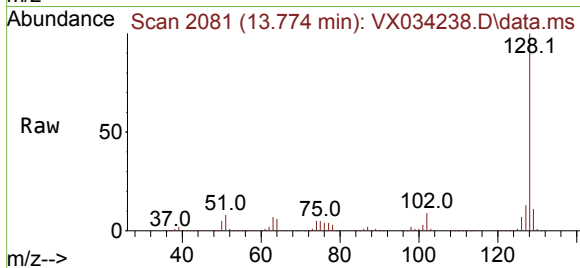
Tgt Ion:128 Resp: 894430

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 51.654 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034238.D

Acq: 23 Feb 2023 10:26

Tgt Ion:180 Resp: 267283

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.9

145 33.5 15.1 45.3

