

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX113023\  
 Data File : VX039060.D  
 Acq On : 30 Nov 2023 11:42  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Dec 01 01:54:48 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 16 22:59:22 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 129139   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 234846   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 214569   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 109720   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65    | 97922    | 47.058   | ug/l | -0.01    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 94.120%  |
| 35) Dibromofluoromethane    | 5.379  | 113   | 78825    | 46.474   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 92.940%  |
| 50) Toluene-d8              | 8.647  | 98    | 289774   | 44.653   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 89.300%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 116422   | 44.816   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 89.640%  |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 83079   | 55.136  | ug/l   | 100 |
| 3) Chloromethane             | 1.294 | 50  | 99325   | 50.503  | ug/l   | 100 |
| 4) Vinyl Chloride            | 1.374 | 62  | 95742   | 50.538  | ug/l   | 98  |
| 5) Bromomethane              | 1.599 | 94  | 64460   | 82.295  | ug/l   | 99  |
| 6) Chloroethane              | 1.685 | 64  | 58216   | 53.847  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 133274  | 55.438  | ug/l   | 99  |
| 8) Diethyl Ether             | 2.130 | 74  | 53271   | 50.877  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 2.325 | 101 | 82403   | 51.687  | ug/l   | 98  |
| 10) Methyl Iodide            | 2.453 | 142 | 91048   | 46.922  | ug/l   | 92  |
| 11) Tert butyl alcohol       | 2.947 | 59  | 132722  | 229.323 | ug/l # | 93  |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 81103   | 50.388  | ug/l   | 88  |
| 13) Acrolein                 | 2.233 | 56  | 74866   | 244.501 | ug/l   | 100 |
| 14) Allyl chloride           | 2.660 | 41  | 159176  | 49.394  | ug/l   | 93  |
| 15) Acrylonitrile            | 3.056 | 53  | 304319  | 248.848 | ug/l   | 99  |
| 16) Acetone                  | 2.373 | 43  | 348374  | 314.493 | ug/l   | 90  |
| 17) Carbon Disulfide         | 2.508 | 76  | 237506  | 47.637  | ug/l   | 99  |
| 18) Methyl Acetate           | 2.697 | 43  | 248267  | 47.185  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 3.105 | 73  | 298998  | 52.816  | ug/l   | 97  |
| 20) Methylene Chloride       | 2.788 | 84  | 97074   | 48.613  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 90296   | 50.843  | ug/l   | 97  |
| 22) Diisopropyl ether        | 3.751 | 45  | 314489  | 53.196  | ug/l   | 98  |
| 23) Vinyl Acetate            | 3.715 | 43  | 1205719 | 283.183 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 166694  | 50.422  | ug/l   | 99  |
| 25) 2-Butanone               | 4.544 | 43  | 473036  | 263.334 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 4.471 | 77  | 144294  | 50.317  | ug/l   | 96  |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 105867  | 51.140  | ug/l   | 95  |
| 28) Bromochloromethane       | 4.891 | 49  | 76727   | 48.339  | ug/l   | 97  |
| 29) Tetrahydrofuran          | 4.989 | 42  | 295176  | 258.796 | ug/l   | 100 |
| 30) Chloroform               | 5.086 | 83  | 168053  | 52.058  | ug/l   | 97  |
| 31) Cyclohexane              | 5.464 | 56  | 156320  | 52.616  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 5.373 | 97  | 145750  | 52.126  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 5.684 | 75  | 125700  | 51.709  | ug/l   | 98  |
| 37) Ethyl Acetate            | 4.702 | 43  | 167589  | 52.915  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 122414  | 54.486  | ug/l   | 97  |
| 39) Methylcyclohexane        | 7.373 | 83  | 164392  | 51.844  | ug/l   | 97  |
| 40) Benzene                  | 6.031 | 78  | 379683  | 52.808  | ug/l   | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX113023\  
 Data File : VX039060.D  
 Acq On : 30 Nov 2023 11:42  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Dec 01 01:54:48 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 16 22:59:22 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.910  | 41   | 85904    | 52.297  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 134559   | 56.487  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 6.330  | 43   | 266677   | 52.687  | ug/l   | 98       |
| 44) Trichloroethene           | 7.123  | 130  | 94970    | 54.266  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.421  | 63   | 102677   | 53.066  | ug/l   | 97       |
| 46) Dibromomethane            | 7.574  | 93   | 70912    | 54.957  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.818  | 83   | 134954   | 52.696  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.690  | 41   | 150457   | 61.266  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 7.653  | 88   | 44392    | 934.359 | ug/l # | 97       |
| 51) 4-Methyl-2-Pentanone      | 8.567  | 43   | 865940   | 267.712 | ug/l   | 100      |
| 52) Toluene                   | 8.714  | 92   | 233587   | 52.353  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 155294   | 51.027  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.360  | 75   | 166561   | 52.983  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 98164    | 52.729  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 9.110  | 69   | 126121   | 40.040  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 166961   | 54.227  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 345027   | 235.135 | ug/l   | 95       |
| 59) 2-Hexanone                | 9.427  | 43   | 708879   | 273.422 | ug/l   | 97       |
| 60) Dibromochloromethane      | 9.519  | 129  | 101019   | 53.366  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.604  | 107  | 104955   | 53.726  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.269  | 164  | 74149    | 55.595  | ug/l   | 95       |
| 65) Chlorobenzene             | 10.079 | 112  | 247674   | 53.585  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 89960    | 54.107  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.189 | 91   | 460877   | 54.272  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 343426   | 106.910 | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 166465   | 52.372  | ug/l   | 99       |
| 70) Styrene                   | 10.652 | 104  | 249177   | 46.418  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 72669    | 52.429  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 442724   | 51.788  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 234007   | 51.783  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 167427   | 50.171  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 195794   | 71.523  | ug/l   | 89       |
| 77) Bromobenzene              | 11.195 | 156  | 99070    | 51.575  | ug/l   | 96       |
| 78) n-propylbenzene           | 11.305 | 91   | 544738   | 51.768  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 314556   | 50.371  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 381717   | 53.105  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 56504    | 45.783  | ug/l # | 83       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 373624   | 51.889  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 365700   | 51.659  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 388616   | 53.416  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 464722   | 50.187  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 392689   | 52.828  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 192848   | 51.269  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 193619   | 50.292  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 395567   | 52.744  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.536 | 117  | 74438    | 50.146  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 183906   | 51.547  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 39708    | 48.566  | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 124305   | 51.994  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 47032    | 55.551  | ug/l   | 96       |
| 95) Naphthalene               | 13.774 | 128  | 447438   | 50.250  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 119361   | 52.667  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX113023\  
Data File : VX039060.D  
Acq On : 30 Nov 2023 11:42  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Quant Time: Dec 01 01:54:48 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111623W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 16 22:59:22 2023  
Response via : Initial Calibration

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

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

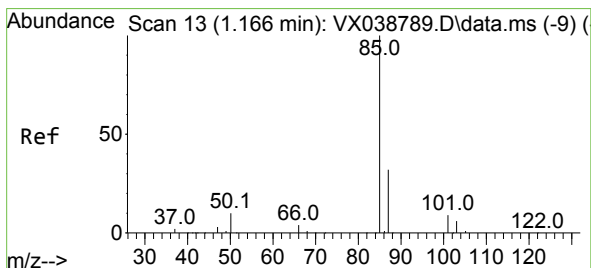
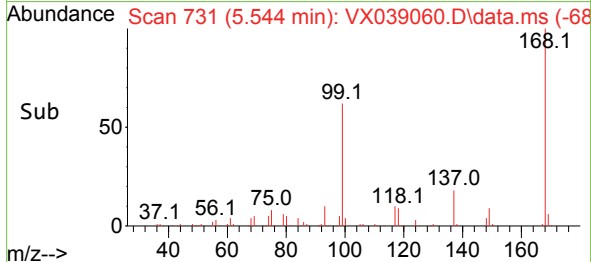
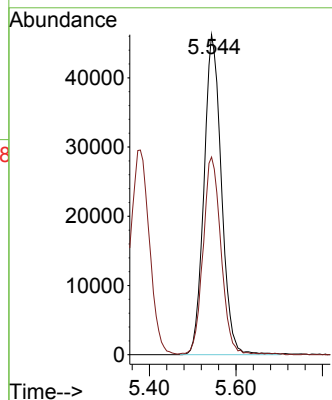
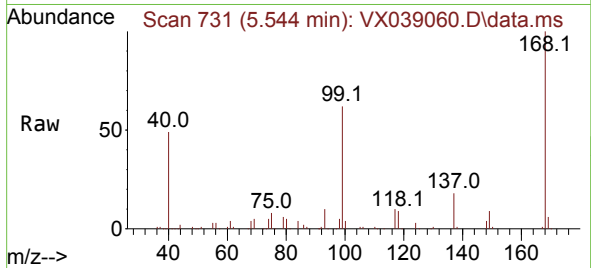




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

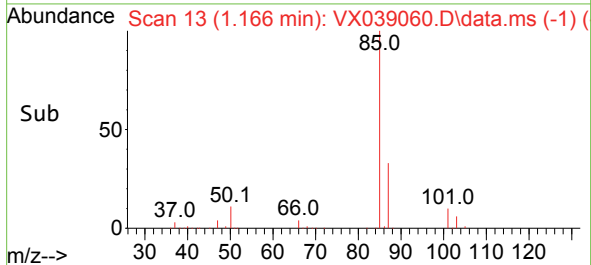
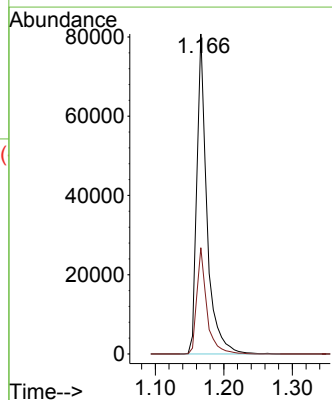
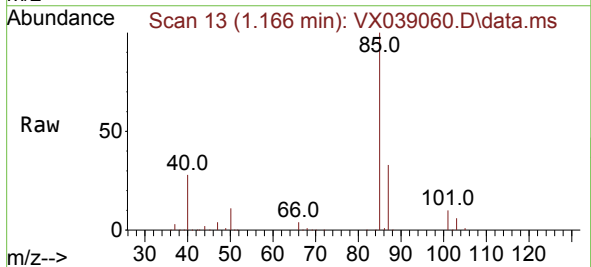
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

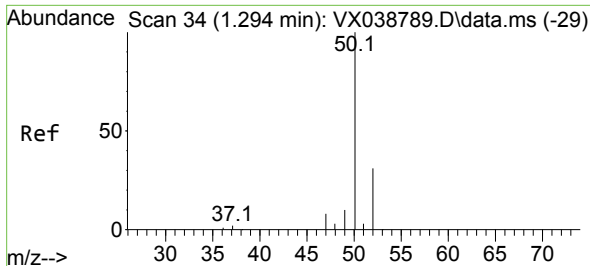
Tgt Ion:168 Resp: 129139  
Ion Ratio Lower Upper  
168 100  
99 61.5 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 55.136 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 85 Resp: 83079  
Ion Ratio Lower Upper  
85 100  
87 33.2 16.7 50.1

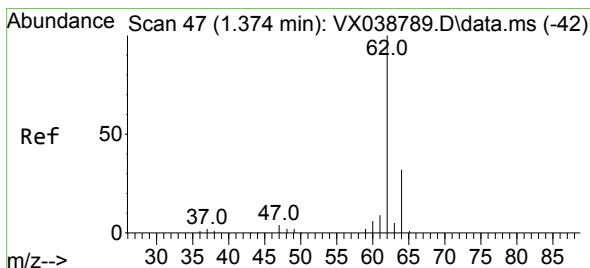
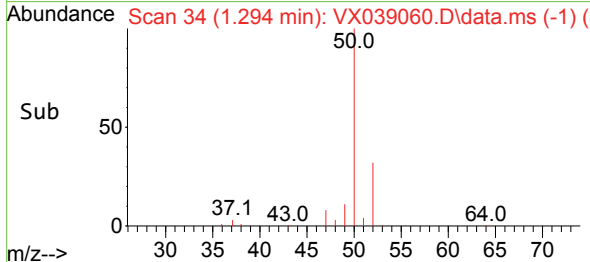
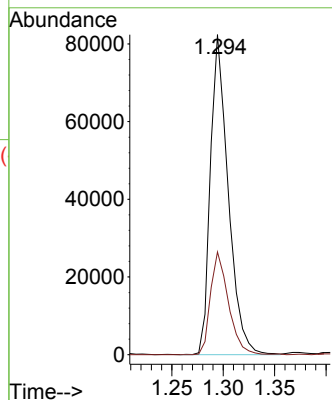
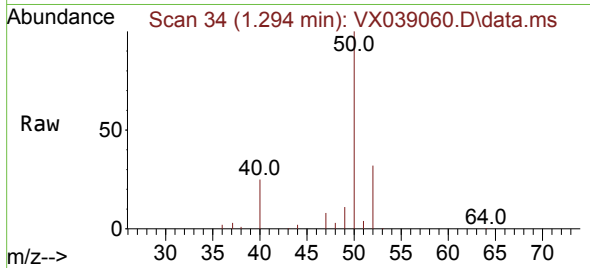




#3  
Chloromethane  
Concen: 50.503 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

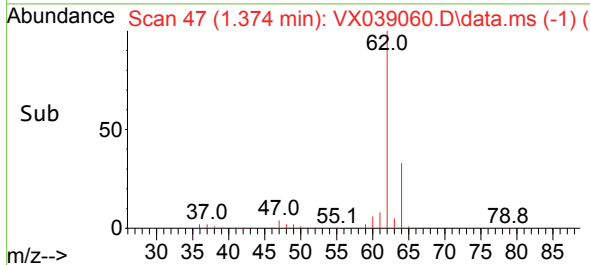
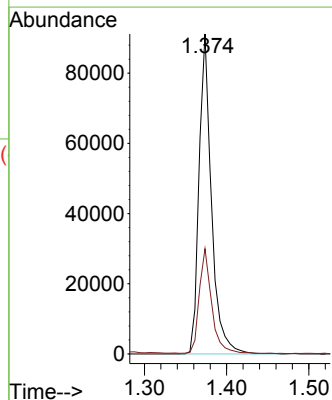
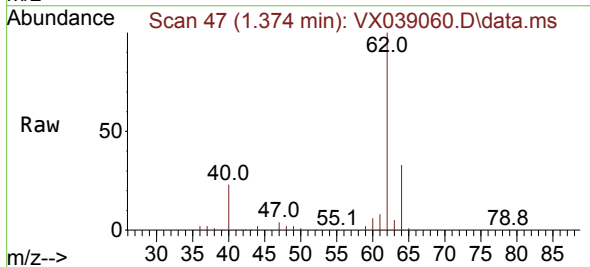
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

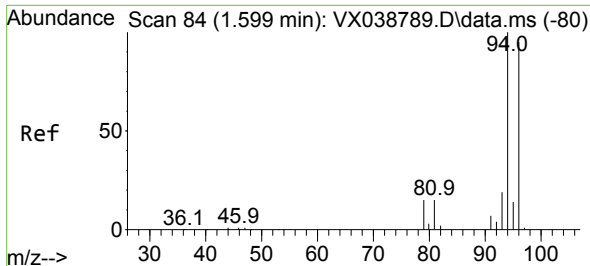
Tgt Ion: 50 Resp: 99325  
Ion Ratio Lower Upper  
50 100  
52 32.1 25.5 38.3



#4  
Vinyl Chloride  
Concen: 50.538 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 62 Resp: 95742  
Ion Ratio Lower Upper  
62 100  
64 32.7 25.4 38.0

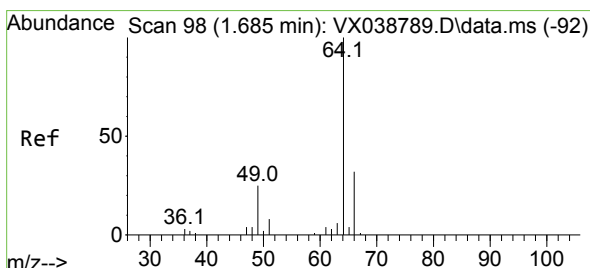
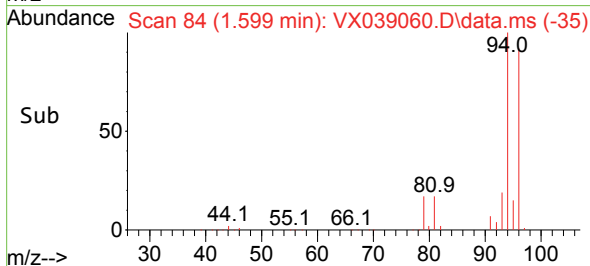
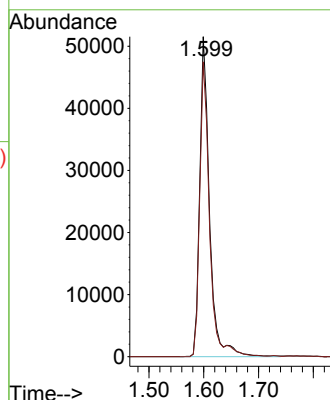
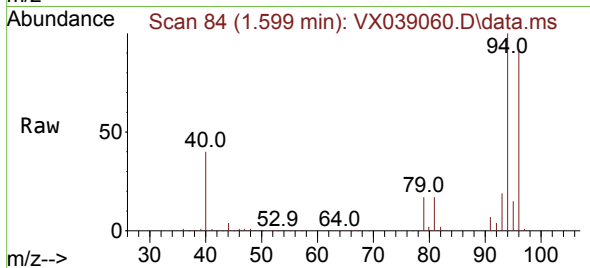




#5  
Bromomethane  
Concen: 82.295 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

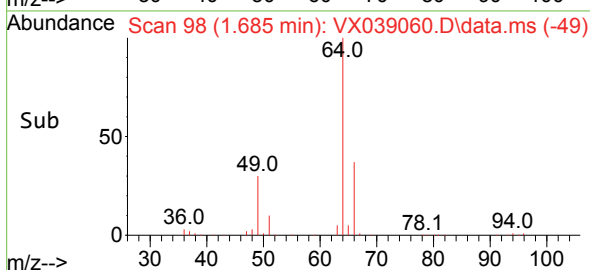
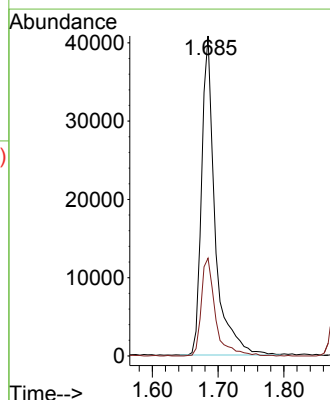
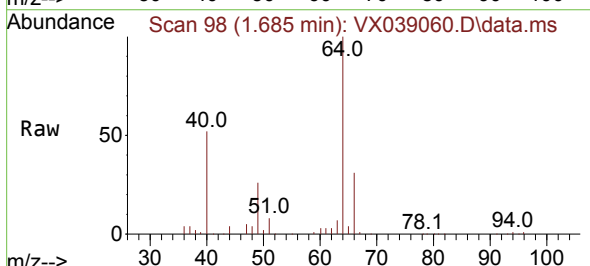
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

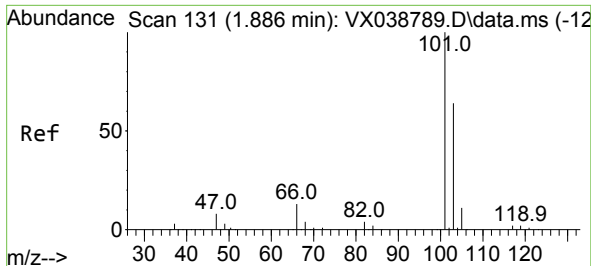
Tgt Ion: 94 Resp: 64460  
Ion Ratio Lower Upper  
94 100  
96 92.1 74.6 111.8



#6  
Chloroethane  
Concen: 53.847 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. -0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 64 Resp: 58216  
Ion Ratio Lower Upper  
64 100  
66 30.6 25.1 37.7

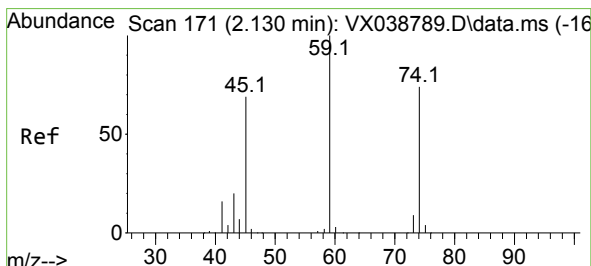
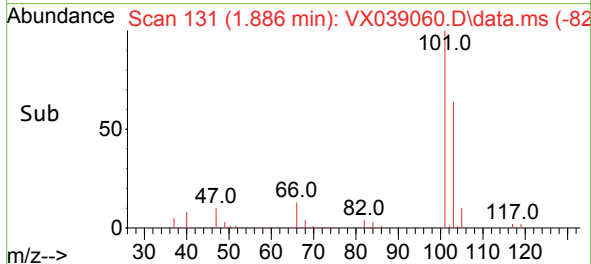
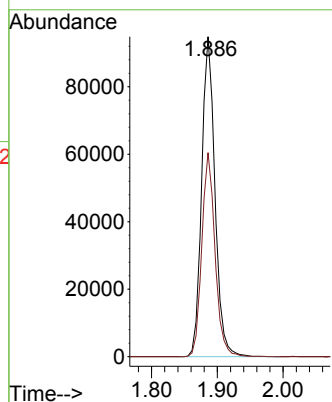
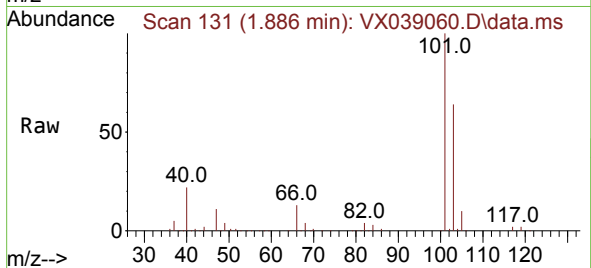




#7  
 Trichlorofluoromethane  
 Concen: 55.438 ug/l  
 RT: 1.886 min Scan# 131  
 Delta R.T. 0.000 min  
 Lab File: VX039060.D  
 Acq: 30 Nov 2023 11:42

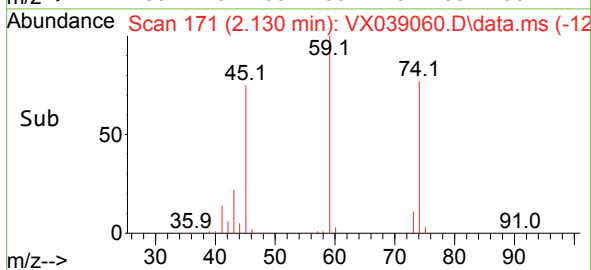
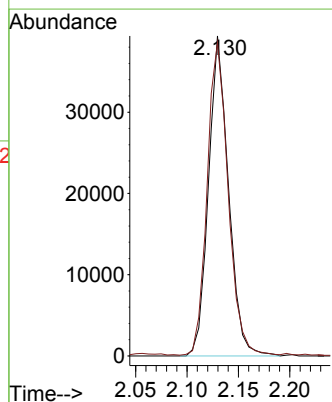
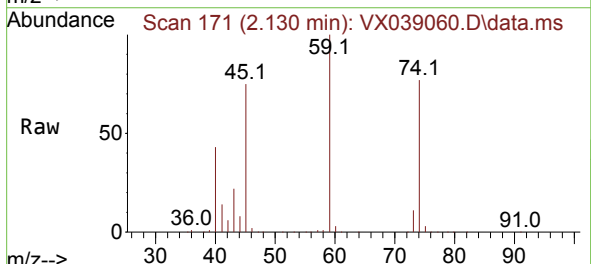
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:101 Resp: 133274  
 Ion Ratio Lower Upper  
 101 100  
 103 63.8 51.4 77.2



#8  
 Diethyl Ether  
 Concen: 50.877 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. 0.000 min  
 Lab File: VX039060.D  
 Acq: 30 Nov 2023 11:42

Tgt Ion: 74 Resp: 53271  
 Ion Ratio Lower Upper  
 74 100  
 45 102.5 53.3 159.8

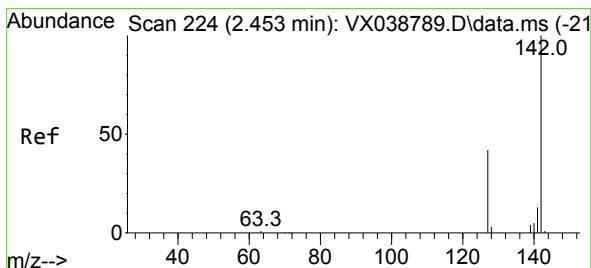
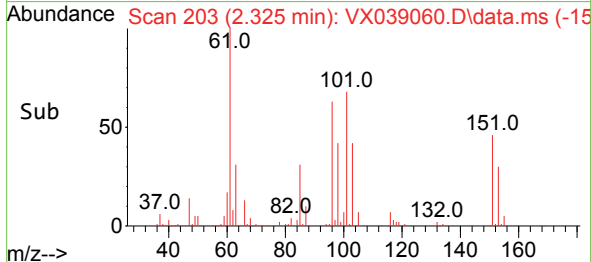
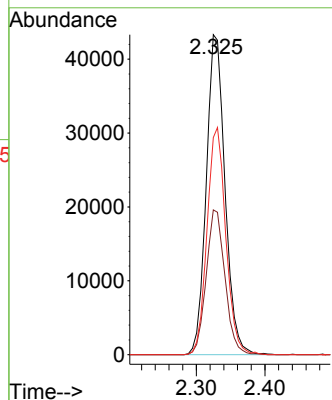
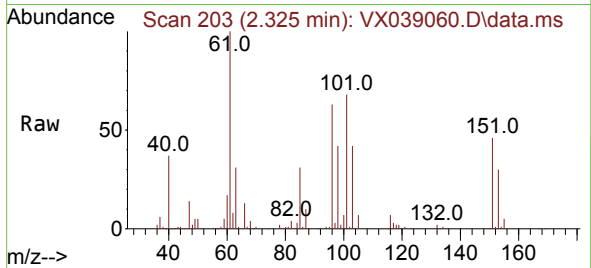




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.687 ug/l  
RT: 2.325 min Scan# 204  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

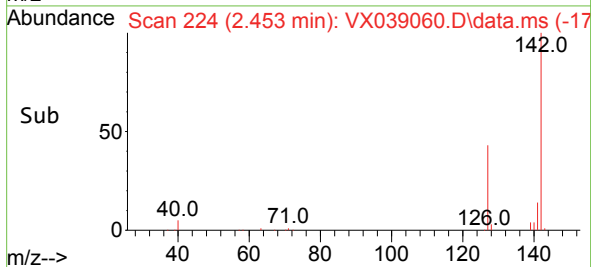
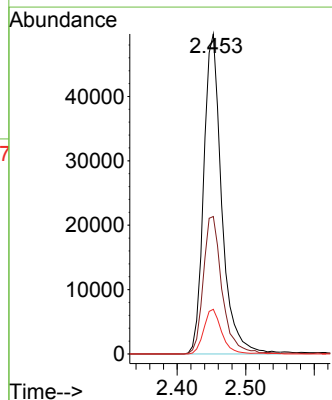
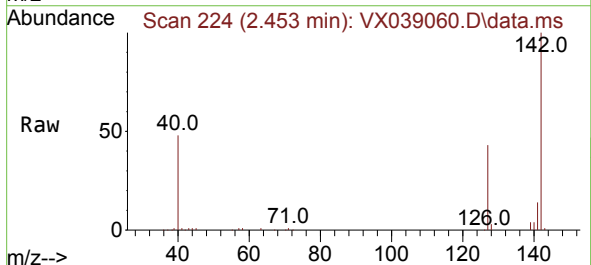
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

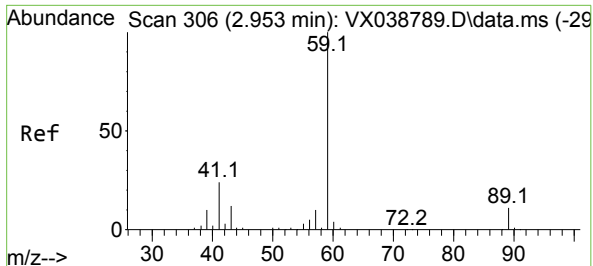
Tgt Ion:101 Resp: 82403  
Ion Ratio Lower Upper  
101 100  
85 45.4 37.0 55.6  
151 71.1 58.6 87.8



#10  
Methyl Iodide  
Concen: 46.922 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion:142 Resp: 91048  
Ion Ratio Lower Upper  
142 100  
127 44.9 41.6 62.4  
141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 229.323 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA\_X

ClientSampleId :

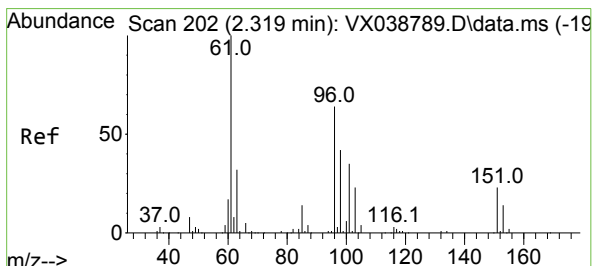
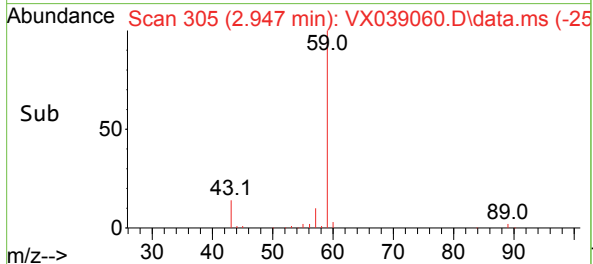
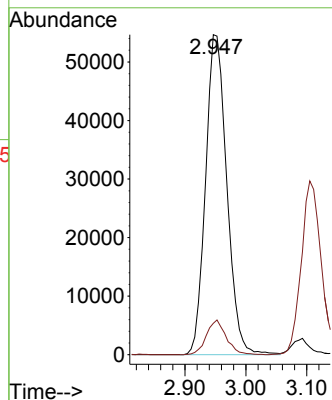
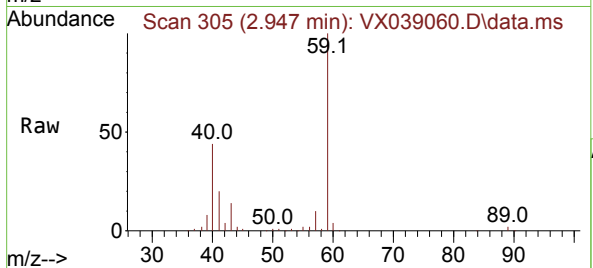
VSTDCCC050

Tgt Ion: 59 Resp: 132722

Ion Ratio Lower Upper

59 100

57 10.1 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 50.388 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

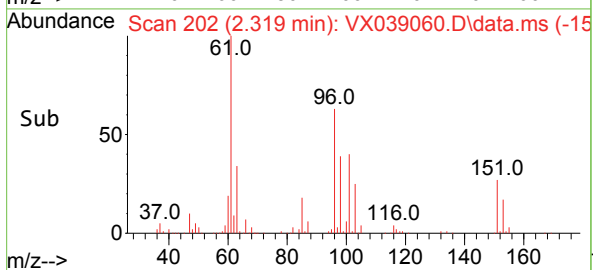
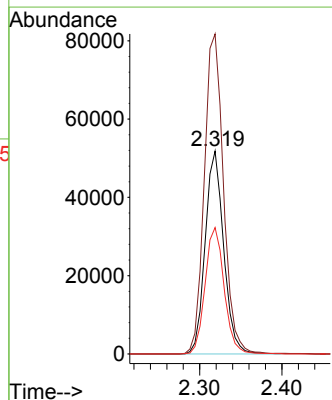
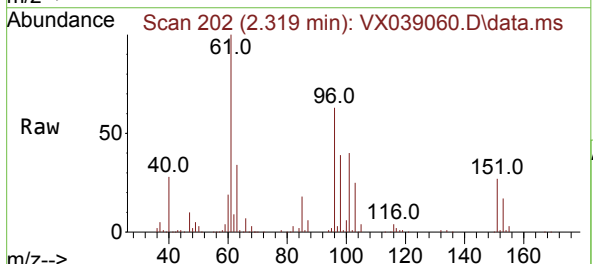
Tgt Ion: 96 Resp: 81103

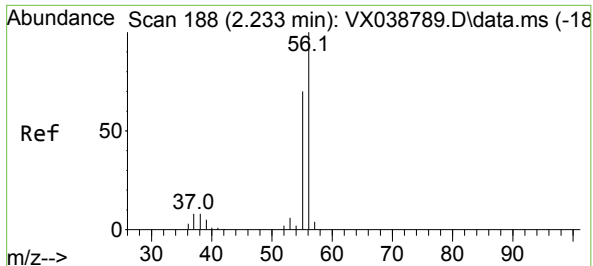
Ion Ratio Lower Upper

96 100

61 157.8 144.6 216.8

98 62.3 50.4 75.6

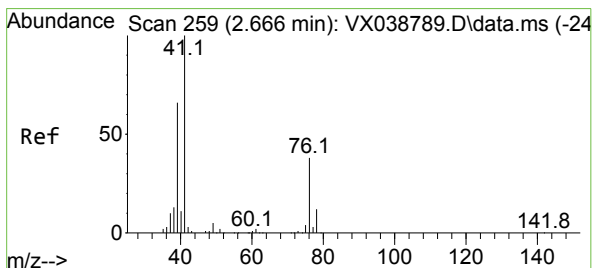
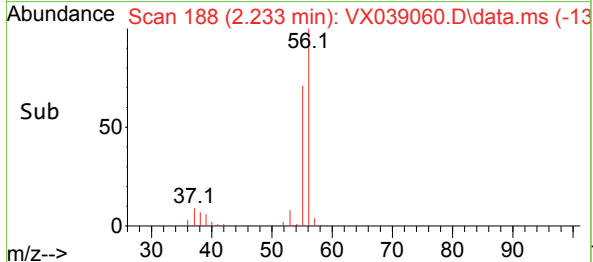
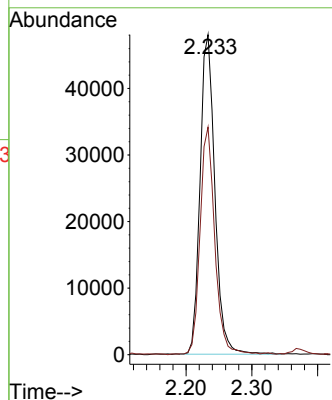
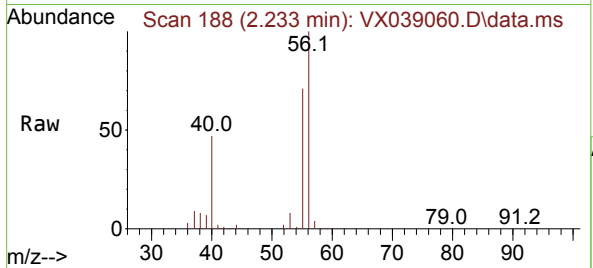




#13  
Acrolein  
Concen: 244.501 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

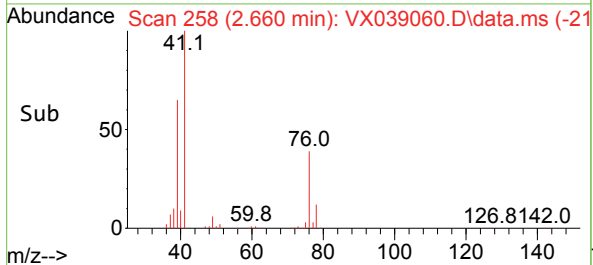
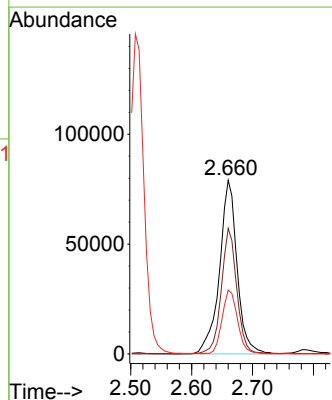
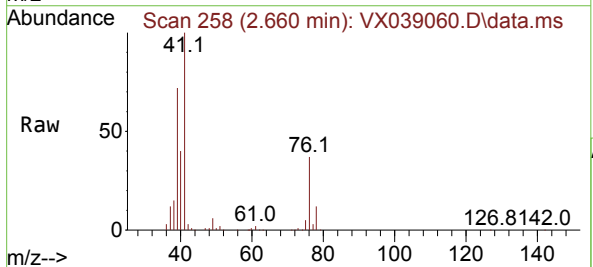
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 56 Resp: 74866  
Ion Ratio Lower Upper  
56 100  
55 71.2 57.1 85.7



#14  
Allyl chloride  
Concen: 49.394 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 41 Resp: 159176  
Ion Ratio Lower Upper  
41 100  
39 63.1 55.8 83.6  
76 32.1 24.3 36.5

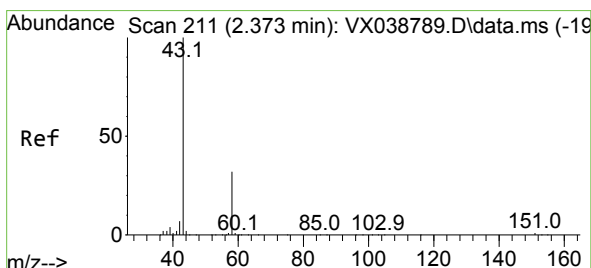
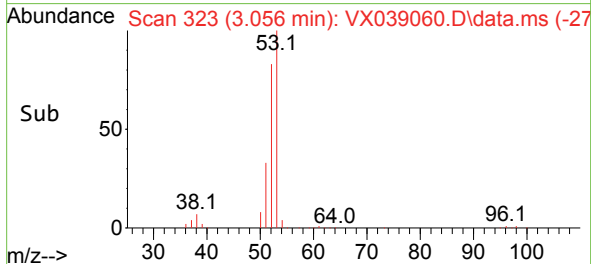
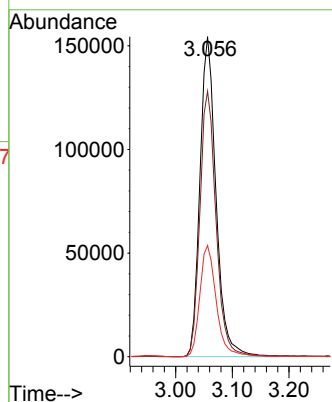
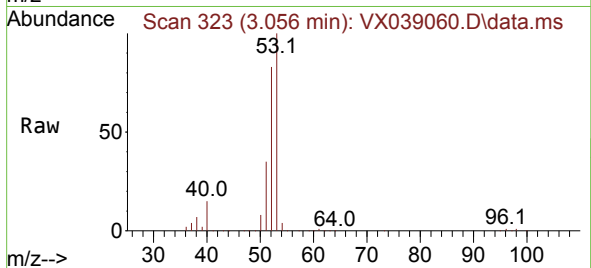




#15  
Acrylonitrile  
Concen: 248.848 ug/l  
RT: 3.056 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

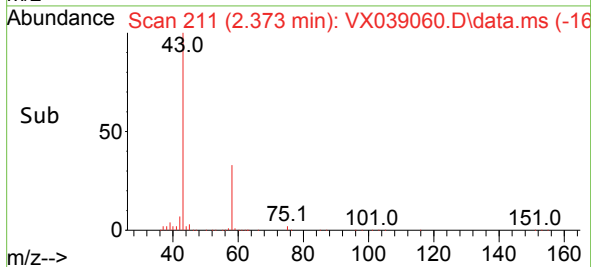
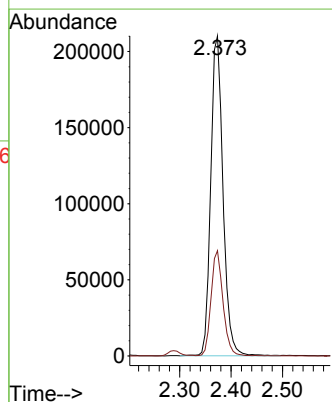
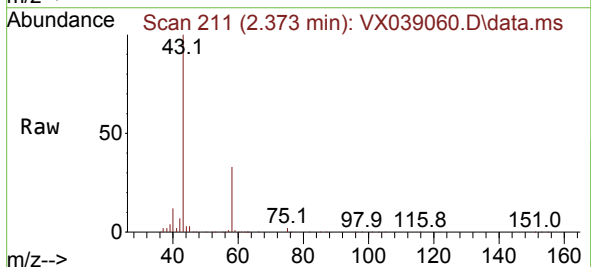
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

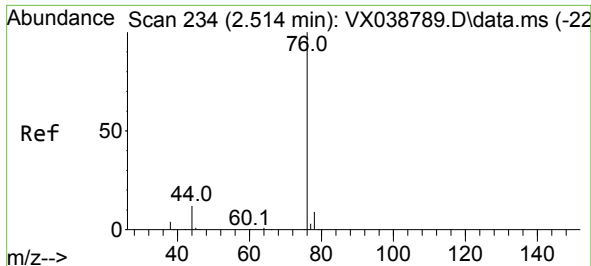
Tgt Ion: 53 Resp: 304319  
Ion Ratio Lower Upper  
53 100  
52 83.4 66.0 99.0  
51 35.7 29.8 44.6



#16  
Acetone  
Concen: 314.493 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 43 Resp: 348374  
Ion Ratio Lower Upper  
43 100  
58 32.9 21.9 32.9

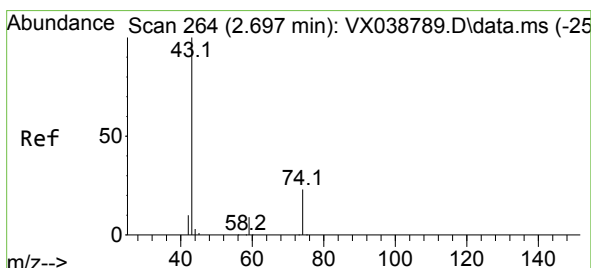
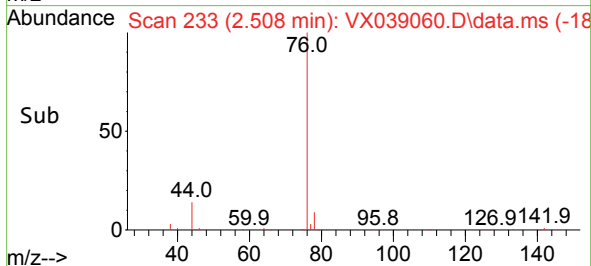
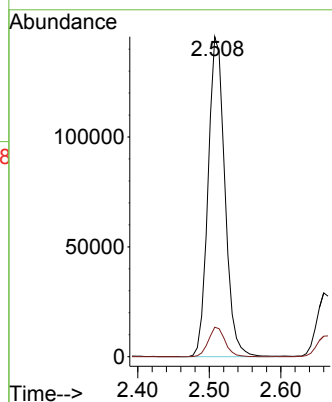
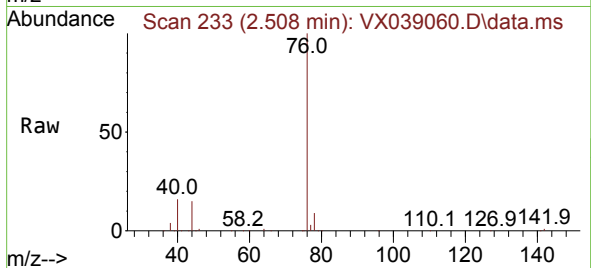




#17  
Carbon Disulfide  
Concen: 47.637 ug/l  
RT: 2.508 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

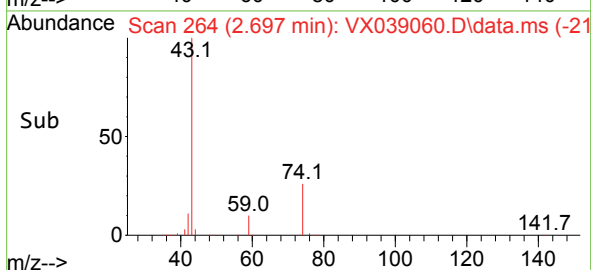
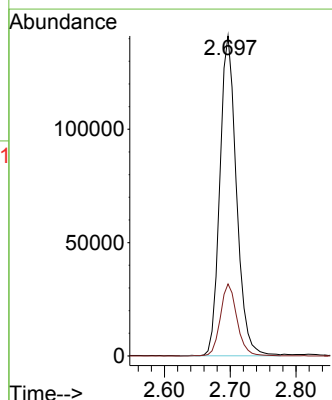
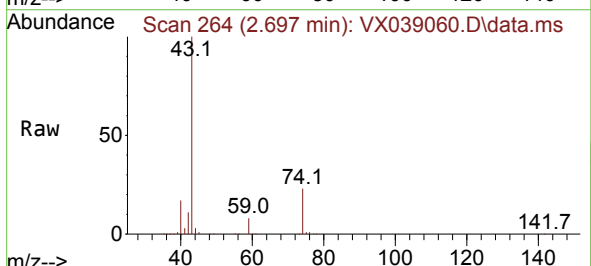
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

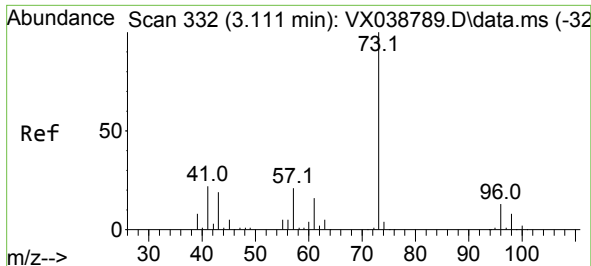
Tgt Ion: 76 Resp: 237506  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.6



#18  
Methyl Acetate  
Concen: 47.185 ug/l  
RT: 2.697 min Scan# 264  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 43 Resp: 248267  
Ion Ratio Lower Upper  
43 100  
74 22.6 17.8 26.8

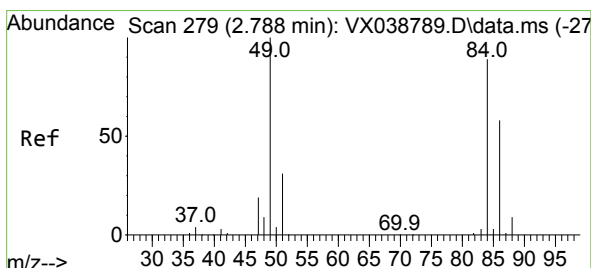
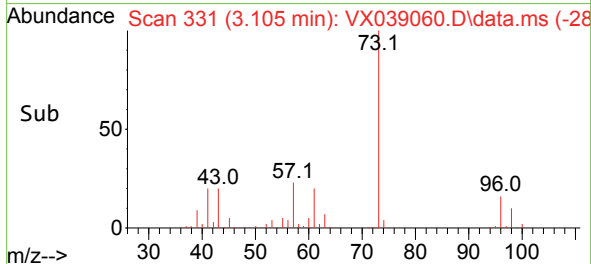
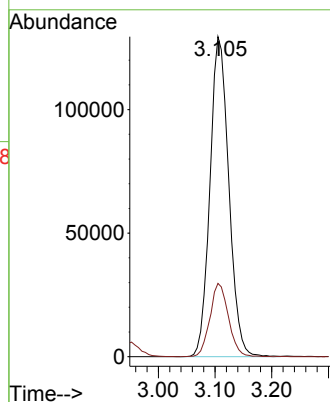
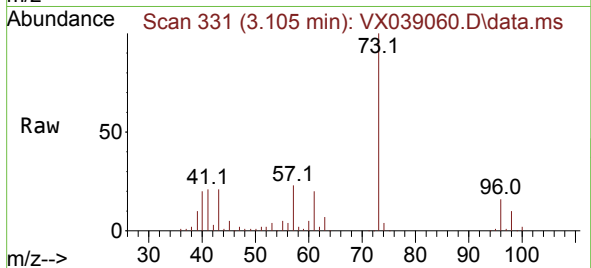




#19  
Methyl tert-butyl Ether  
Concen: 52.816 ug/l  
RT: 3.105 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

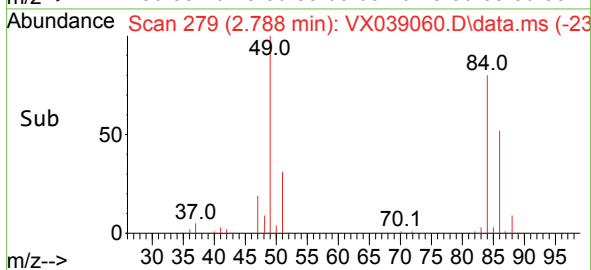
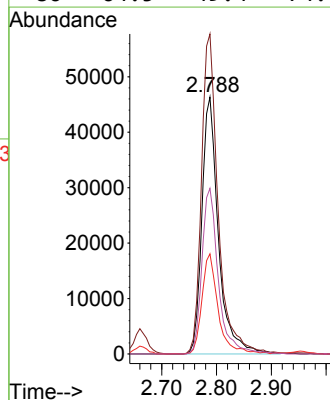
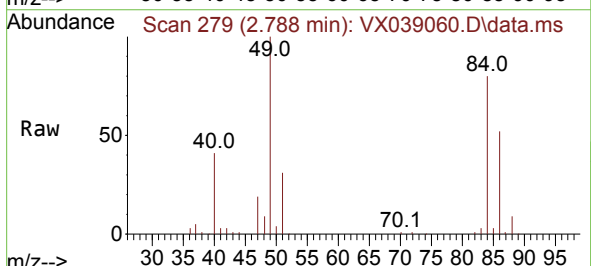
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

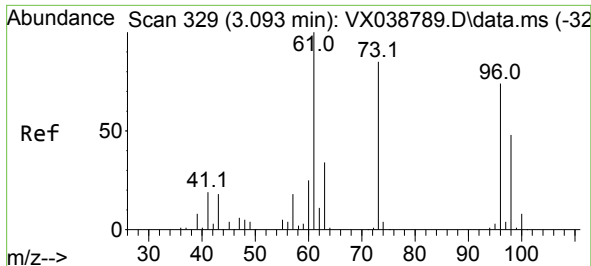
Tgt Ion: 73 Resp: 298998  
Ion Ratio Lower Upper  
73 100  
57 22.9 17.3 25.9



#20  
Methylene Chloride  
Concen: 48.613 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 84 Resp: 97074  
Ion Ratio Lower Upper  
84 100  
49 124.6 103.6 155.4  
51 39.0 33.8 50.6  
86 64.5 49.4 74.0

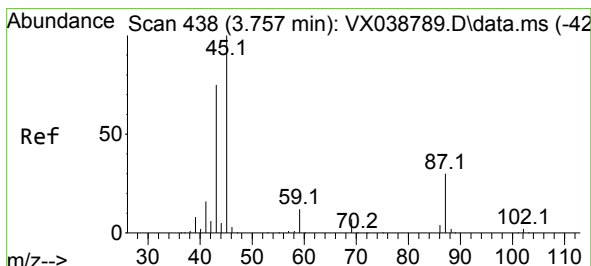
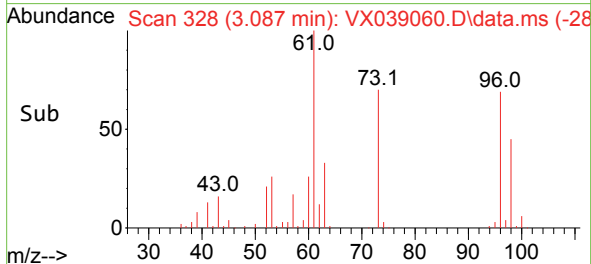
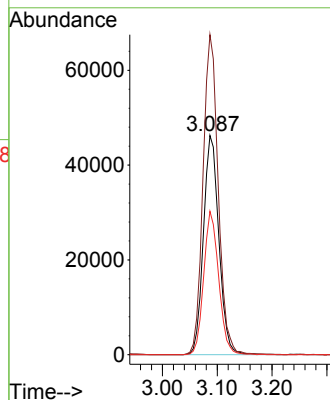
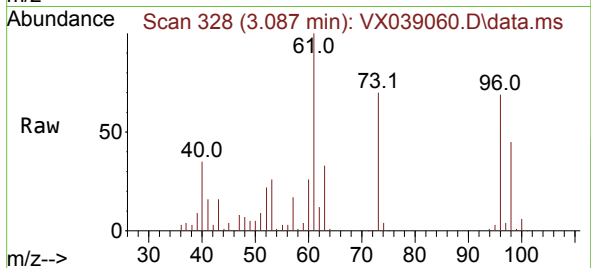




#21  
trans-1,2-Dichloroethene  
Concen: 50.843 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

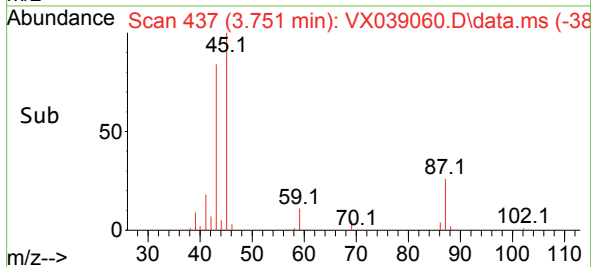
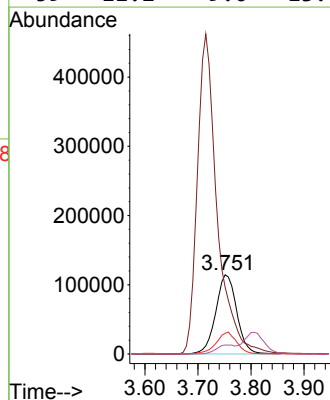
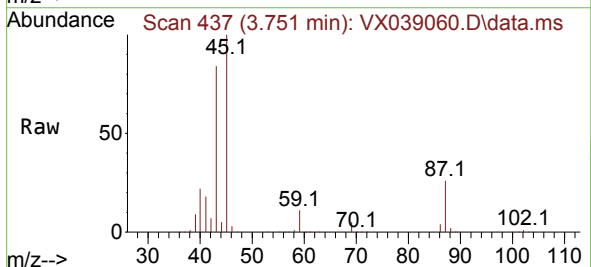
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

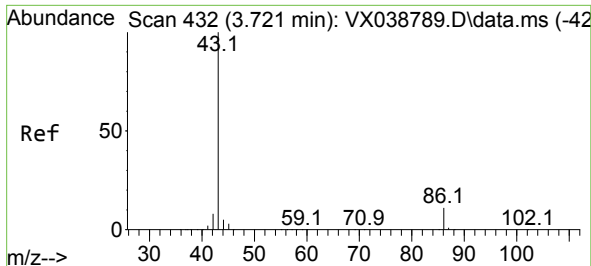
Tgt Ion: 96 Resp: 90296  
Ion Ratio Lower Upper  
96 100  
61 145.9 119.2 178.8  
98 65.4 48.7 73.1



#22  
Diisopropyl ether  
Concen: 53.196 ug/l  
RT: 3.751 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 45 Resp: 314489  
Ion Ratio Lower Upper  
45 100  
43 83.9 69.7 104.5  
87 26.0 20.8 31.2  
59 11.2 9.0 13.4

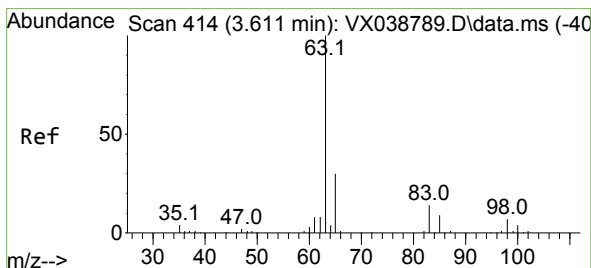
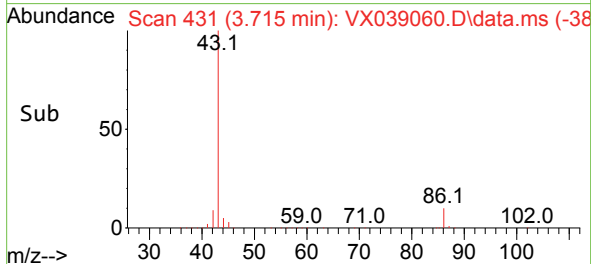
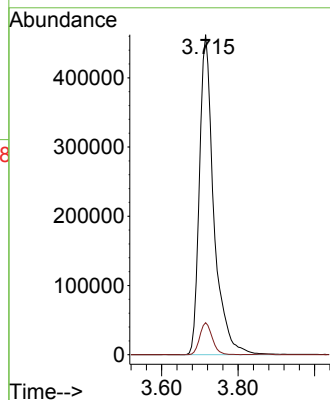
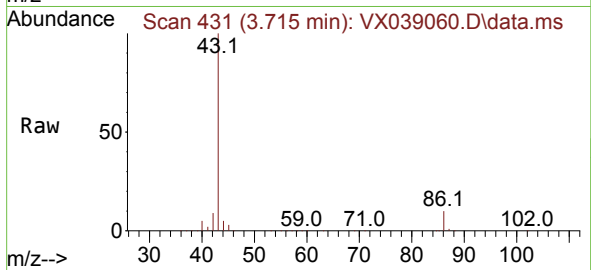




#23  
 Vinyl Acetate  
 Concen: 283.183 ug/l  
 RT: 3.715 min Scan# 41  
 Delta R.T. -0.006 min  
 Lab File: VX039060.D  
 Acq: 30 Nov 2023 11:42

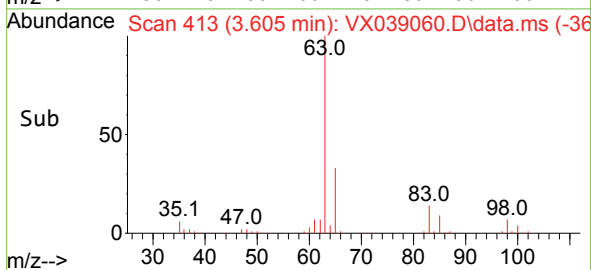
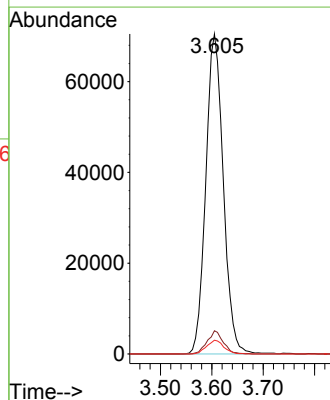
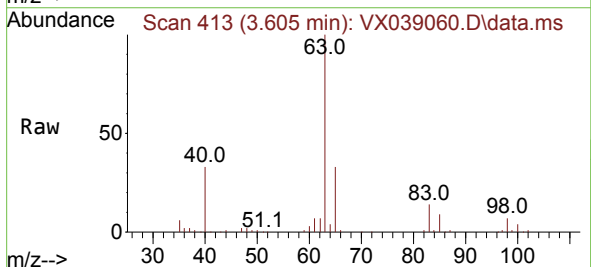
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

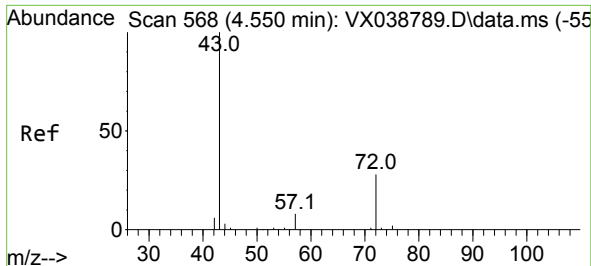
Tgt Ion: 43 Resp: 1205719  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 50.422 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX039060.D  
 Acq: 30 Nov 2023 11:42

Tgt Ion: 63 Resp: 166694  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.3 9.8  
 100 4.3 2.1 6.5

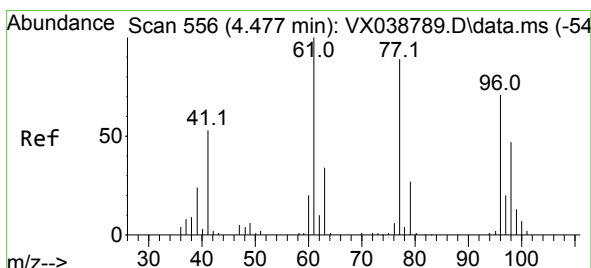
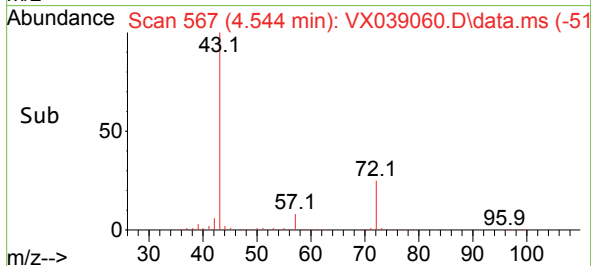
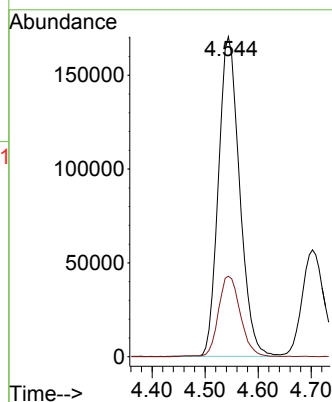
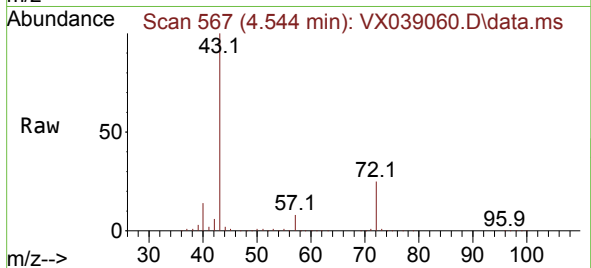




#25  
2-Butanone  
Concen: 263.334 ug/l  
RT: 4.544 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

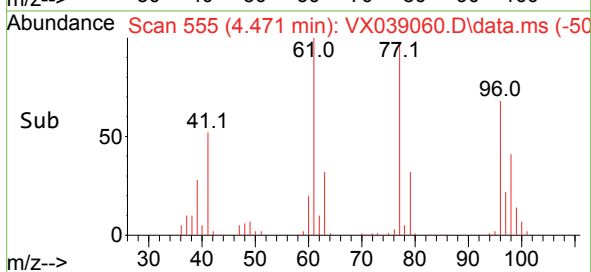
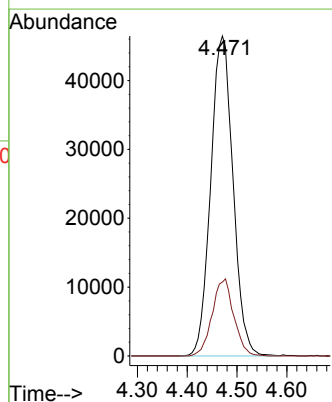
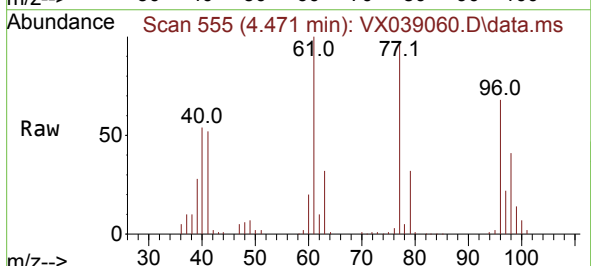
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 473036  
Ion Ratio Lower Upper  
43 100  
72 25.1 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 50.317 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 77 Resp: 144294  
Ion Ratio Lower Upper  
77 100  
97 23.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.140 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

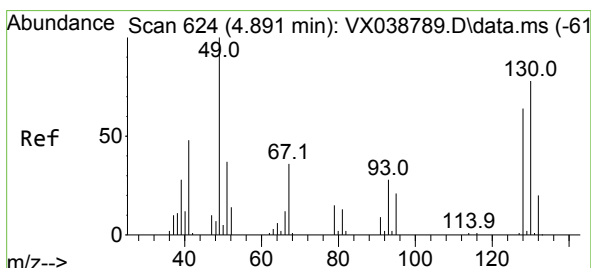
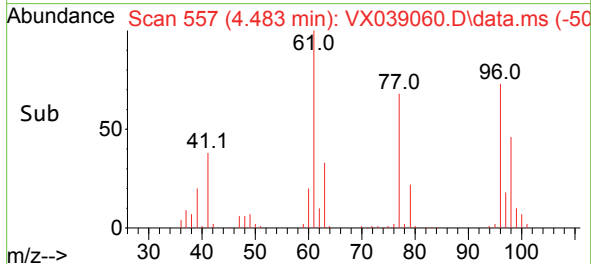
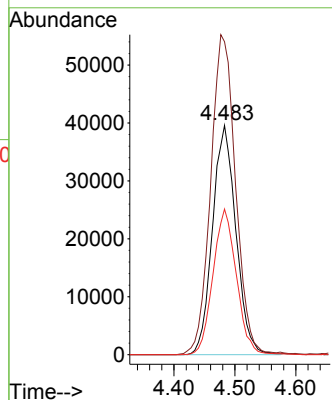
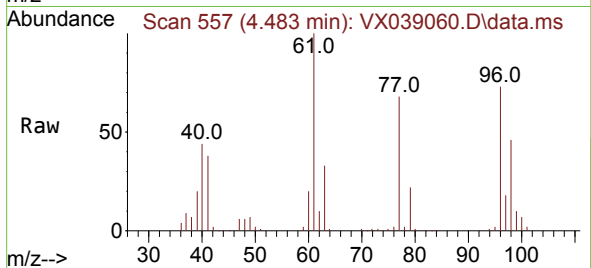
Tgt Ion: 96 Resp: 105867

Ion Ratio Lower Upper

96 100

61 148.6 0.0 312.2

98 63.4 0.0 129.0



#28

Bromochloromethane

Concen: 48.339 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

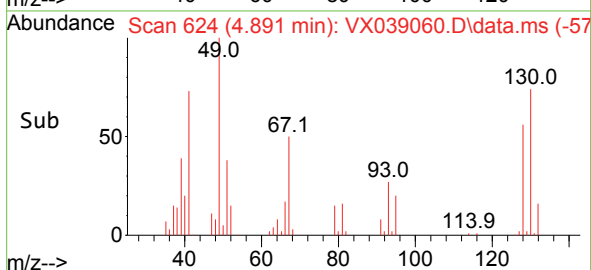
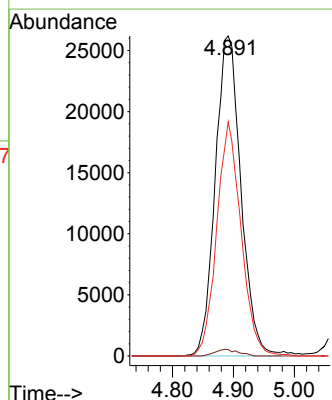
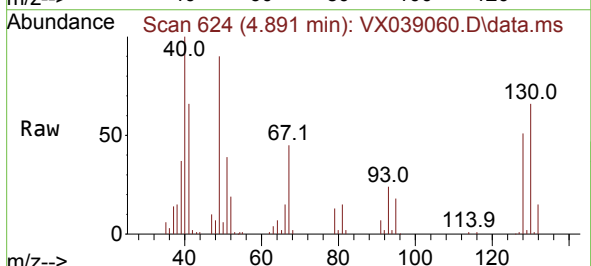
Tgt Ion: 49 Resp: 76727

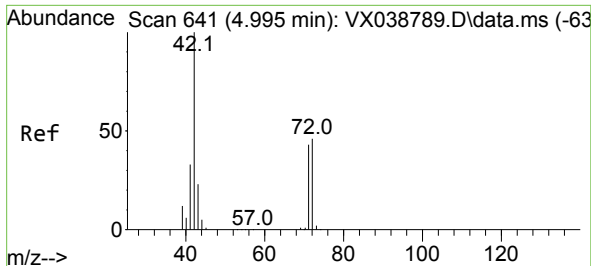
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 69.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 258.796 ug/l

RT: 4.989 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

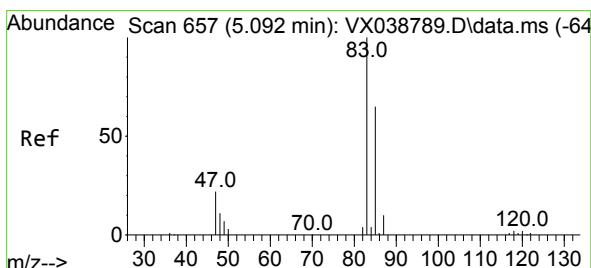
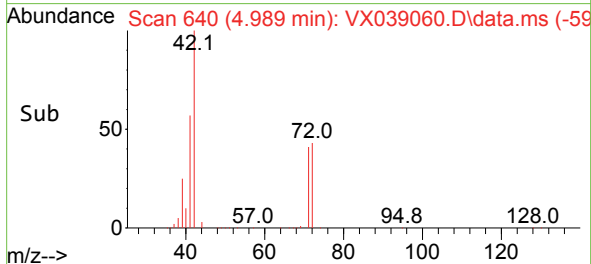
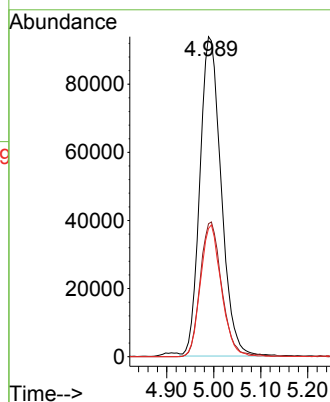
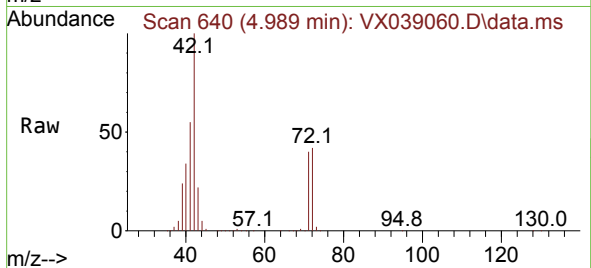
Tgt Ion: 42 Resp: 295176

Ion Ratio Lower Upper

42 100

72 42.9 34.2 51.4

71 40.6 32.2 48.2



#30

Chloroform

Concen: 52.058 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX039060.D

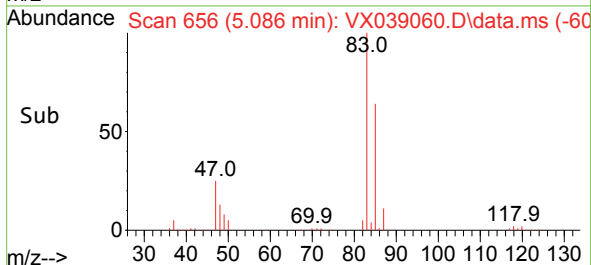
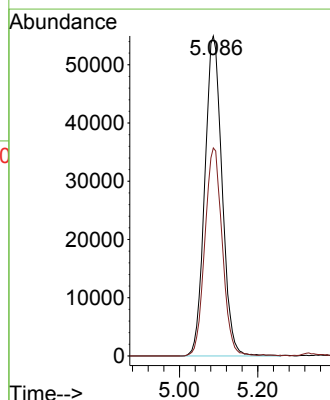
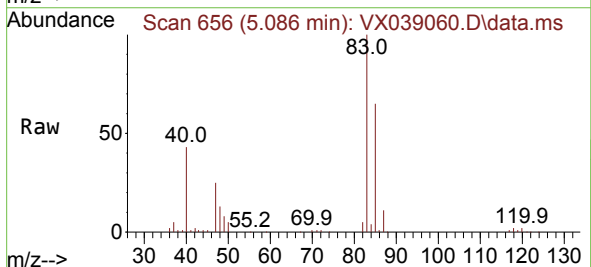
Acq: 30 Nov 2023 11:42

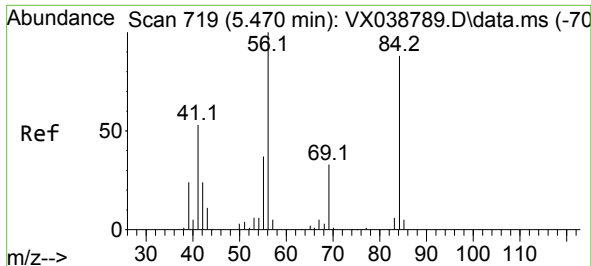
Tgt Ion: 83 Resp: 168053

Ion Ratio Lower Upper

83 100

85 65.0 50.3 75.5

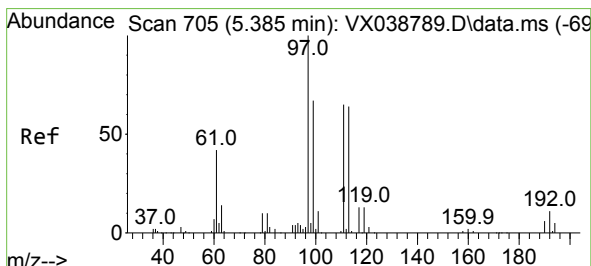
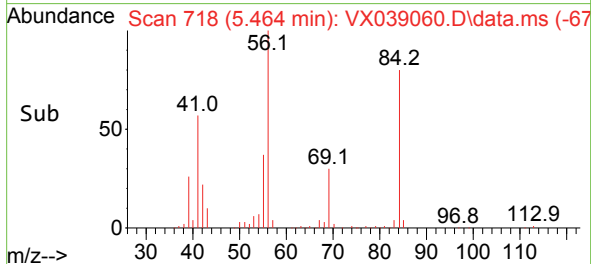
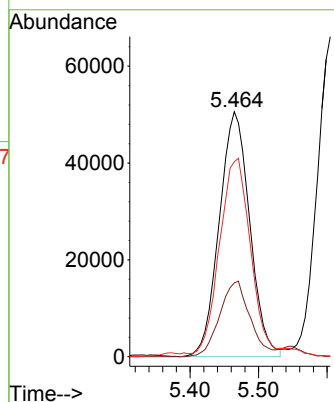
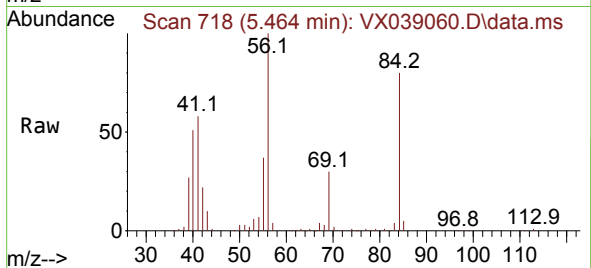




#31  
Cyclohexane  
Concen: 52.616 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

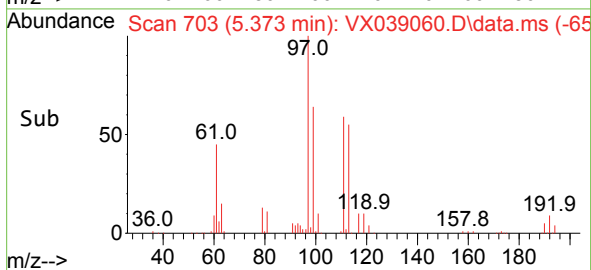
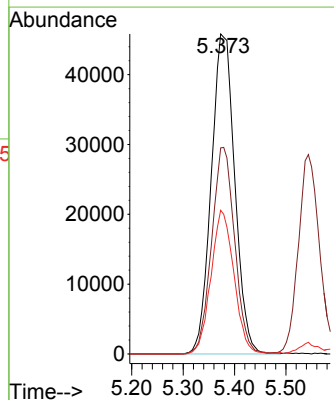
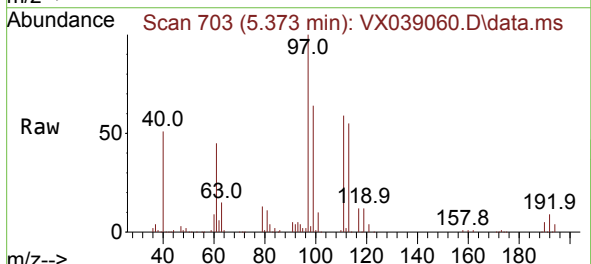
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 56 Resp: 156320  
Ion Ratio Lower Upper  
56 100  
69 30.1 23.4 35.2  
84 78.4 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 52.126 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.012 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 97 Resp: 145750  
Ion Ratio Lower Upper  
97 100  
99 63.2 51.1 76.7  
61 43.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.058 ug/l

RT: 5.946 min Scan# 79

Delta R.T. -0.012 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA\_X

ClientSampleId :

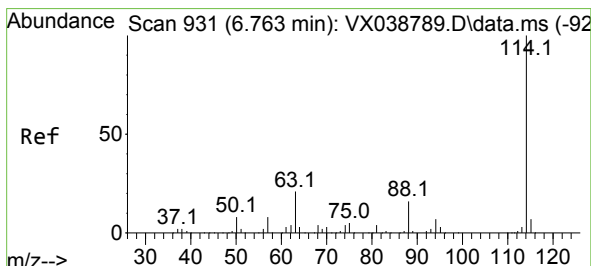
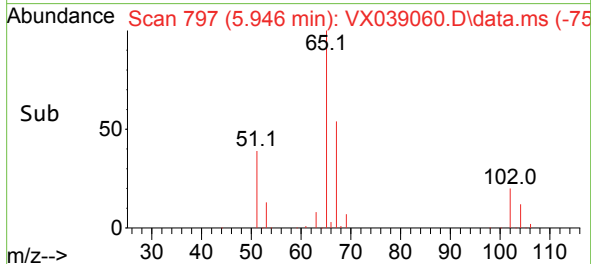
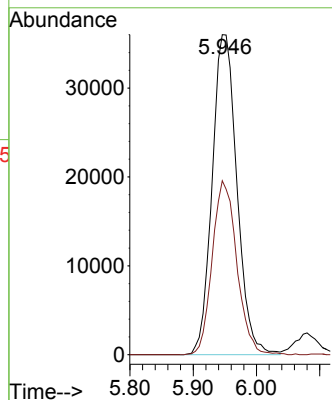
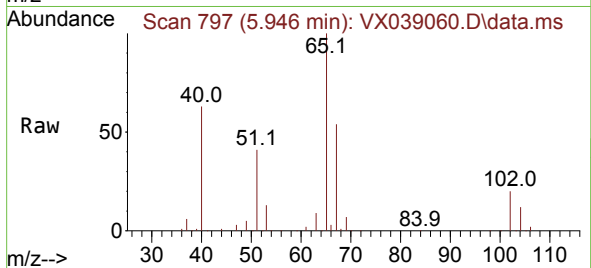
VSTDCCC050

Tgt Ion: 65 Resp: 97922

Ion Ratio Lower Upper

65 100

67 53.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

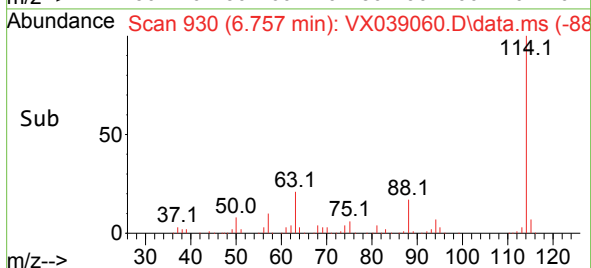
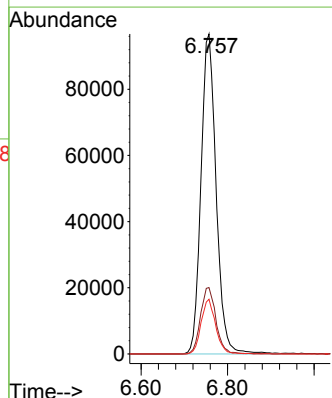
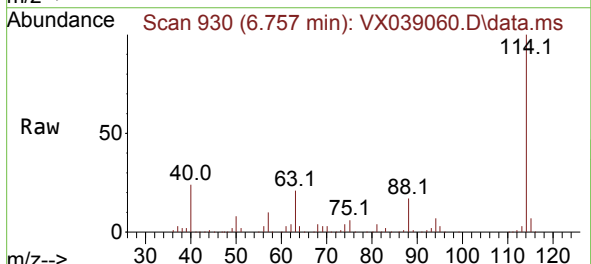
Tgt Ion:114 Resp: 234846

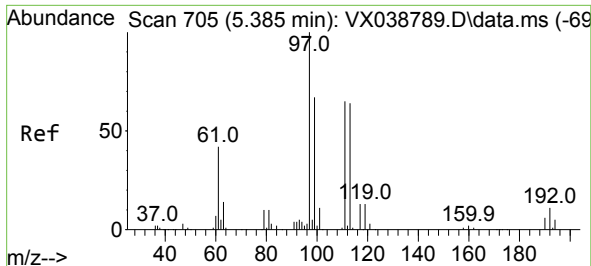
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 17.1 0.0 36.6

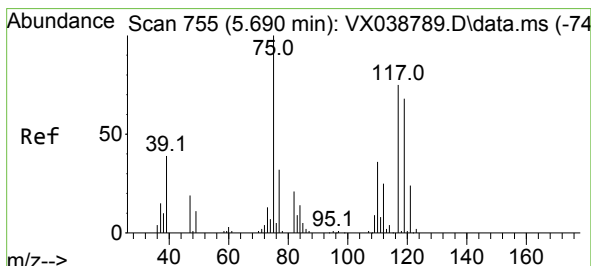
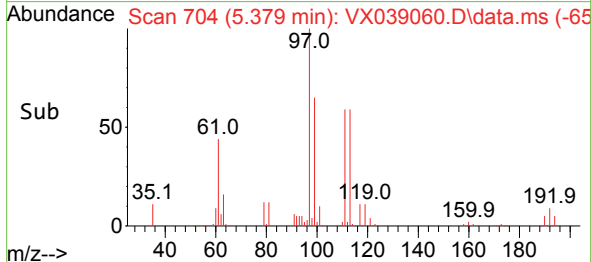
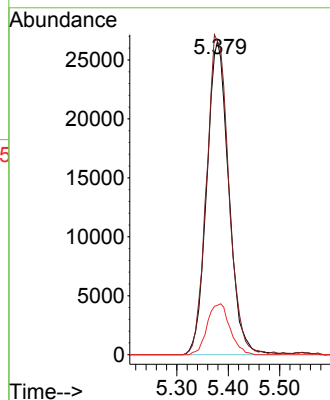
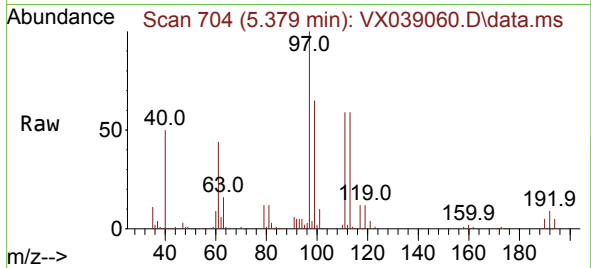




#35  
Dibromofluoromethane  
Concen: 46.474 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

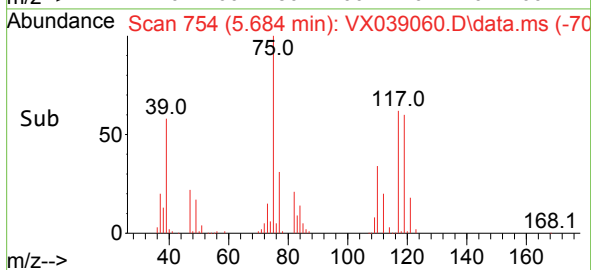
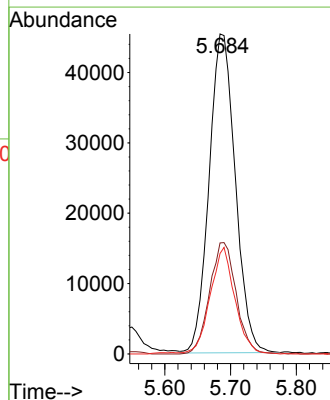
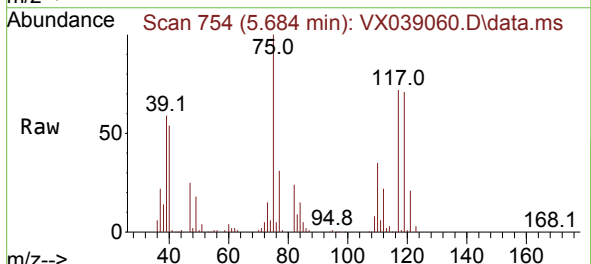
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

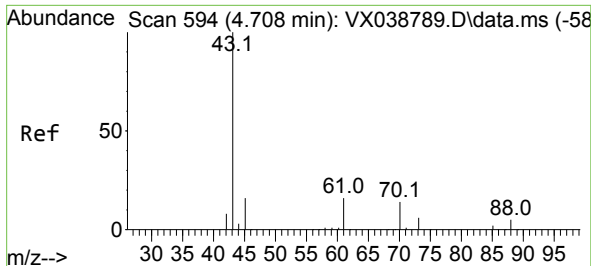
Tgt Ion:113 Resp: 78825  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.9 124.3  
192 16.8 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 51.709 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 75 Resp: 125700  
Ion Ratio Lower Upper  
75 100  
110 35.3 17.0 50.9  
77 31.6 24.7 37.1

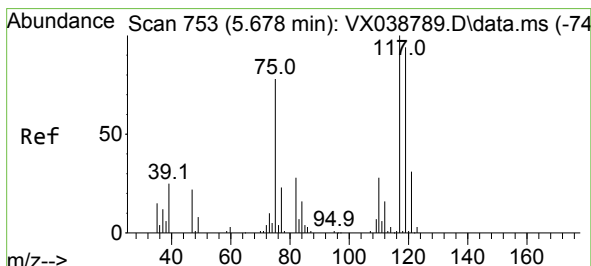
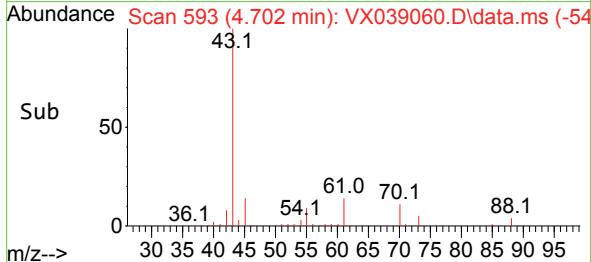
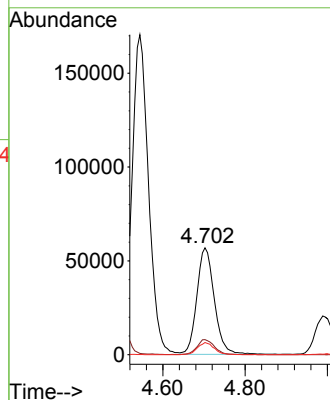
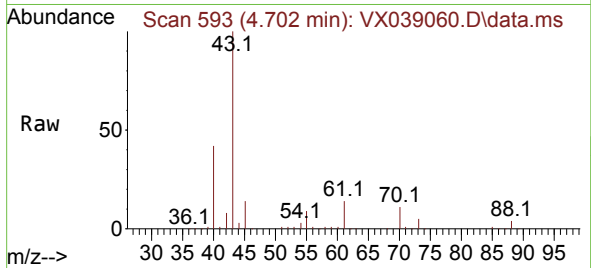




#37  
Ethyl Acetate  
Concen: 52.915 ug/l  
RT: 4.702 min Scan# 594  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

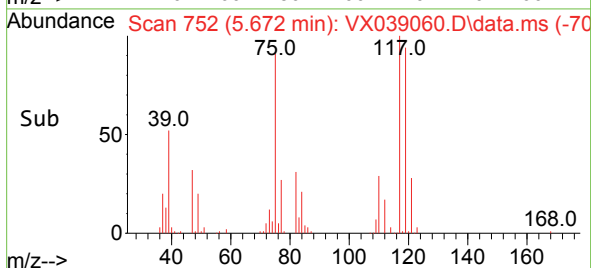
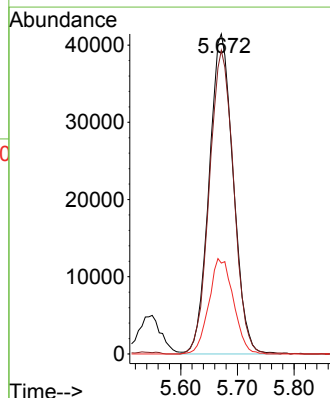
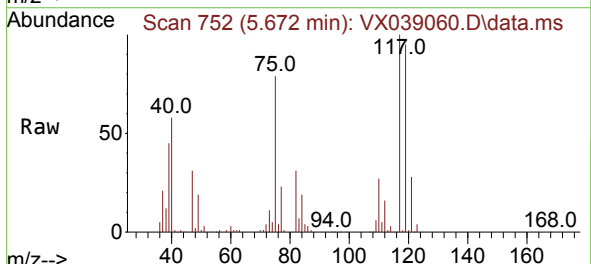
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

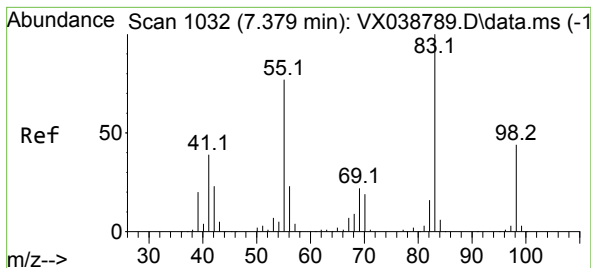
Tgt Ion: 43 Resp: 167589  
Ion Ratio Lower Upper  
43 100  
61 13.8 10.6 16.0  
70 10.9 8.3 12.5



#38  
Carbon Tetrachloride  
Concen: 54.486 ug/l  
RT: 5.672 min Scan# 752  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 117 Resp: 122414  
Ion Ratio Lower Upper  
117 100  
119 94.9 78.2 117.2  
121 28.4 24.4 36.6





#39

Methylcyclohexane

Concen: 51.844 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

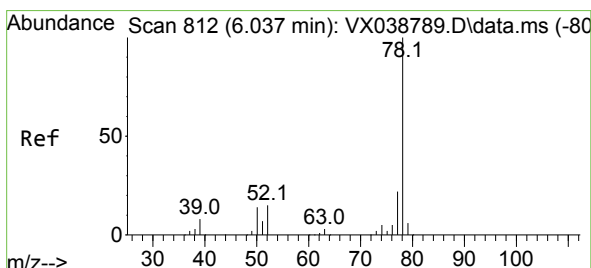
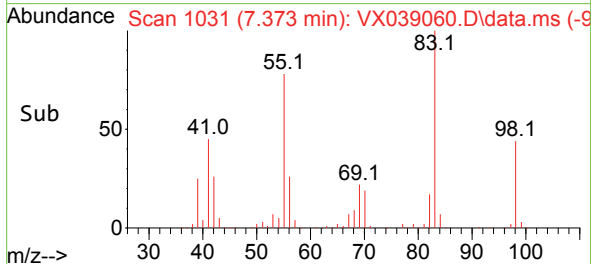
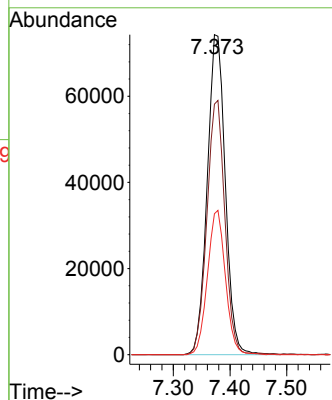
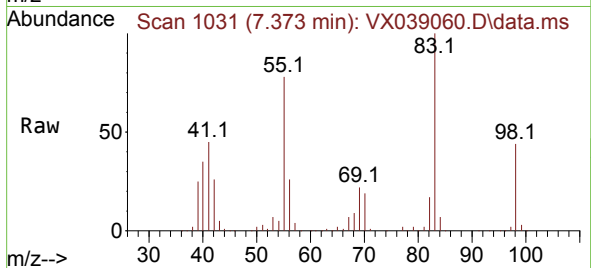
Tgt Ion: 83 Resp: 164392

Ion Ratio Lower Upper

83 100

55 78.3 64.6 97.0

98 44.1 36.7 55.1



#40

Benzene

Concen: 52.808 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX039060.D

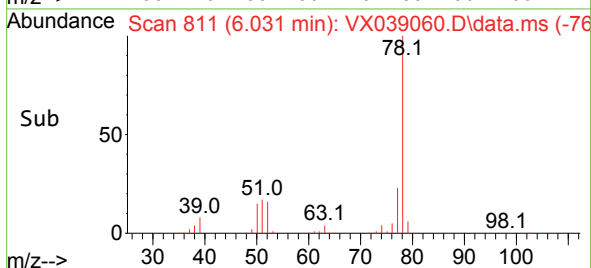
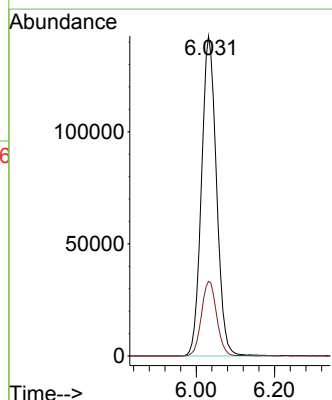
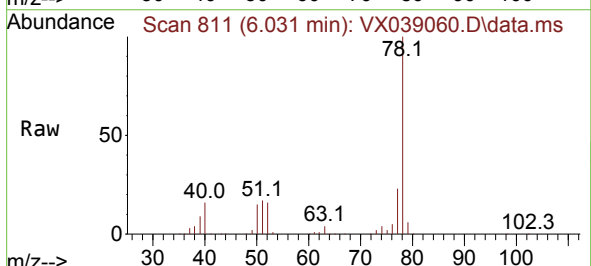
Acq: 30 Nov 2023 11:42

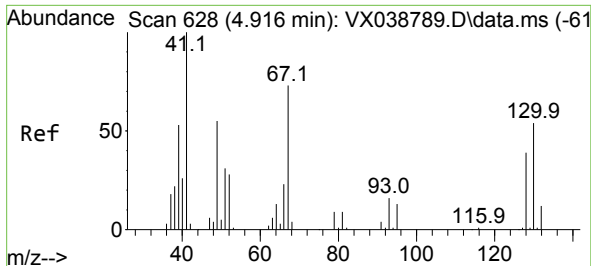
Tgt Ion: 78 Resp: 379683

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9

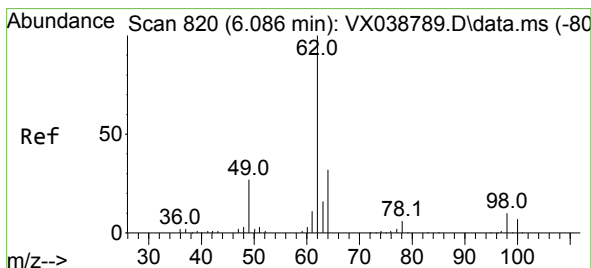
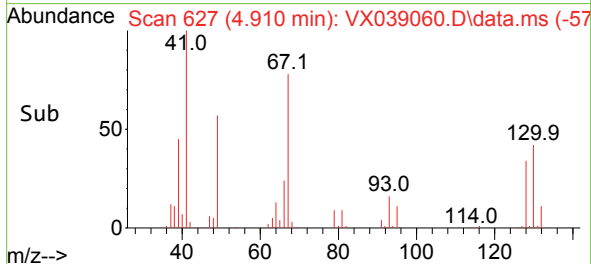
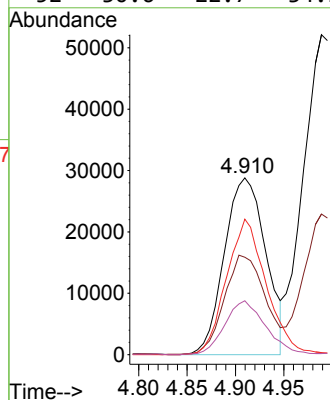
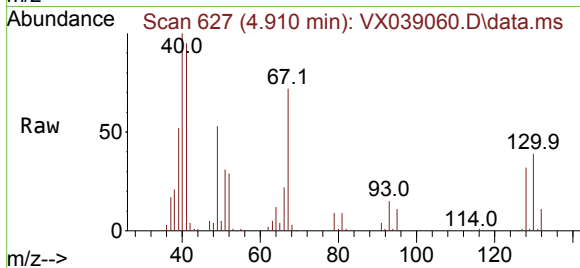




#41  
Methacrylonitrile  
Concen: 52.297 ug/l  
RT: 4.910 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

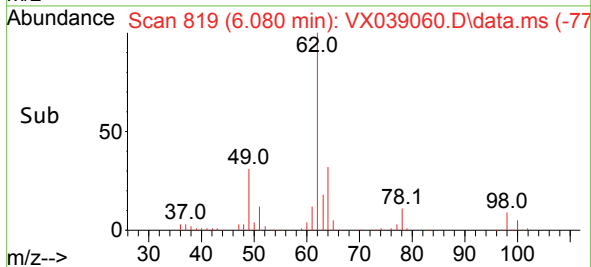
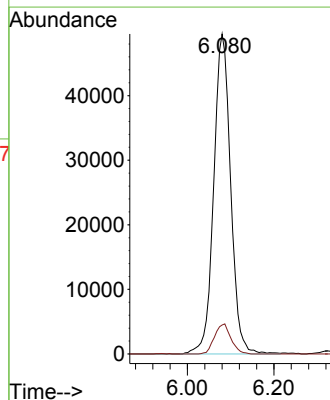
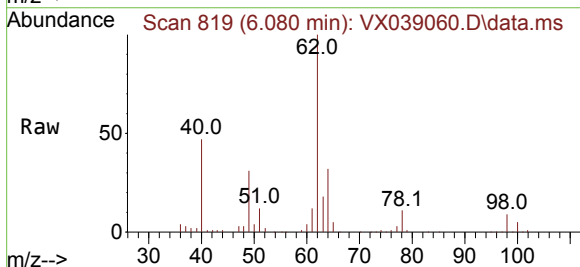
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

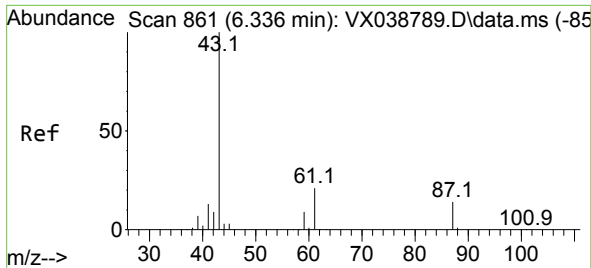
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 85904 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.5  | 45.2  | 67.8  |
| 67       | 73.8  | 52.6  | 78.8  |
| 52       | 30.6  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 56.487 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 134559 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.1   | 0.0   | 16.0   |

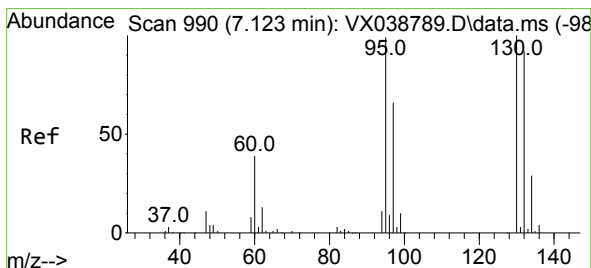
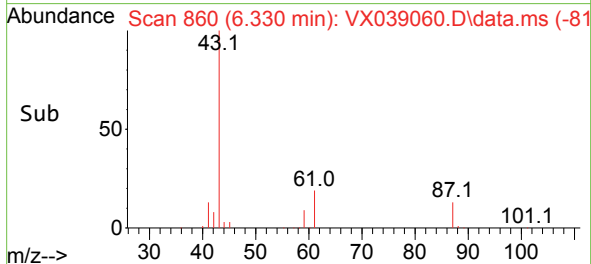
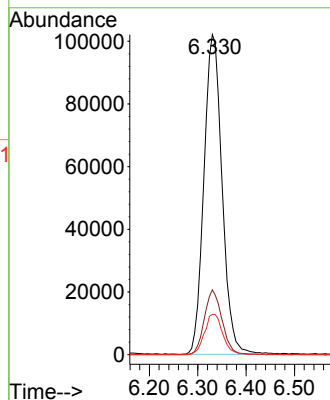
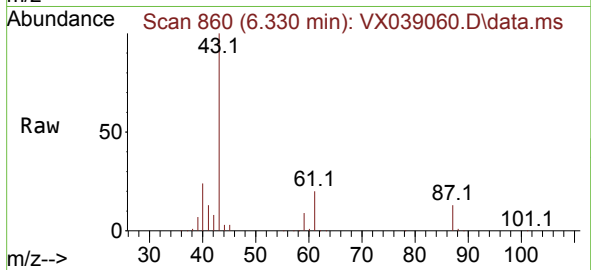




#43  
Isopropyl Acetate  
Concen: 52.687 ug/l  
RT: 6.330 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

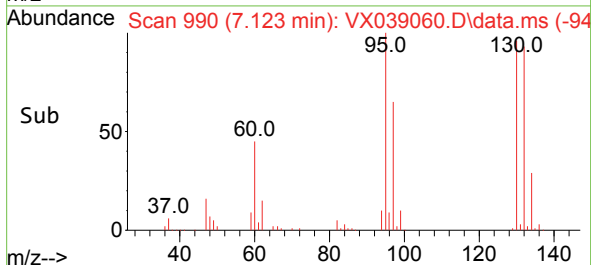
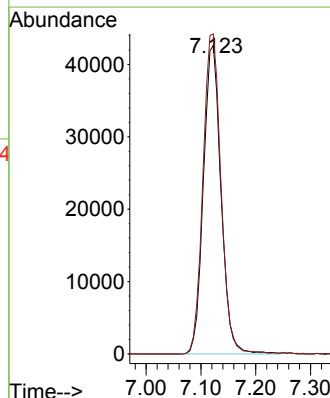
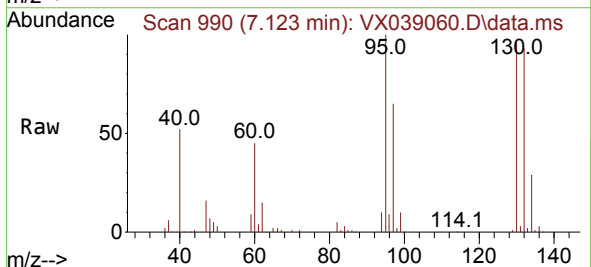
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

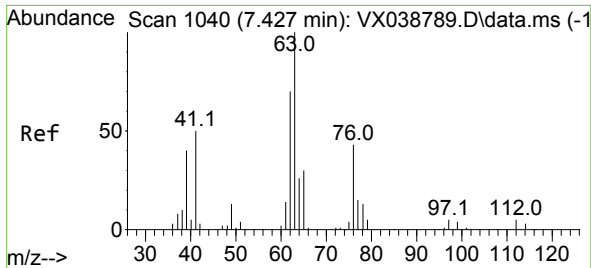
Tgt Ion: 43 Resp: 266677  
Ion Ratio Lower Upper  
43 100  
61 19.8 15.2 22.8  
87 12.7 9.8 14.6



#44  
Trichloroethene  
Concen: 54.266 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion:130 Resp: 94970  
Ion Ratio Lower Upper  
130 100  
95 103.7 0.0 204.4

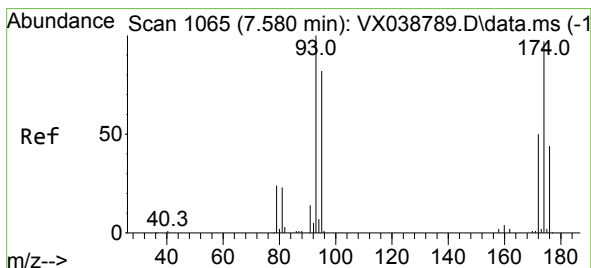
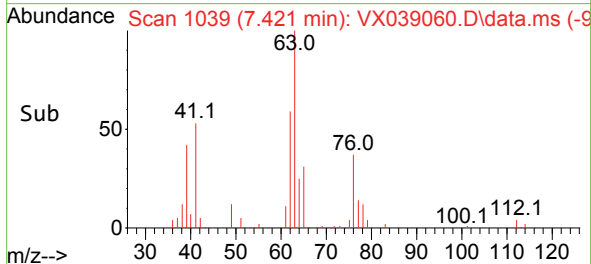
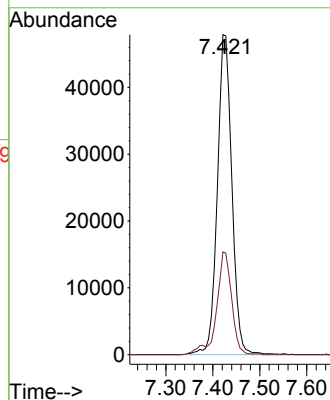
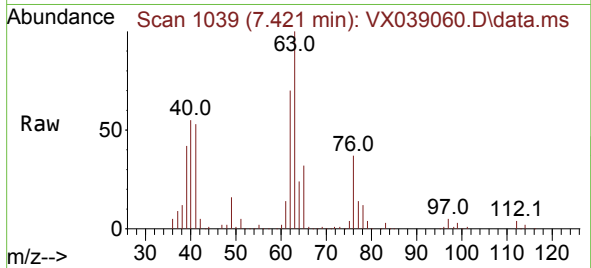




#45  
1,2-Dichloropropane  
Concen: 53.066 ug/l  
RT: 7.421 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

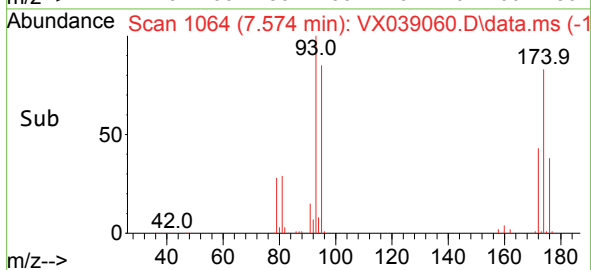
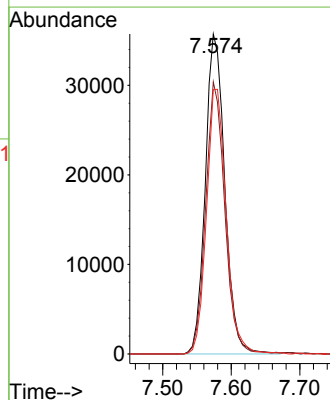
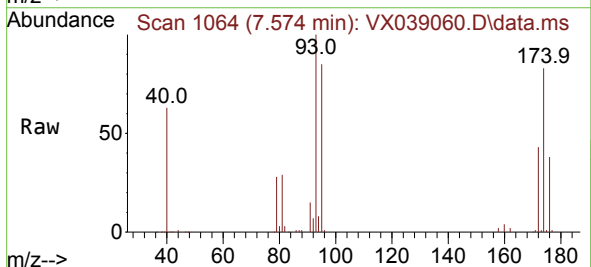
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

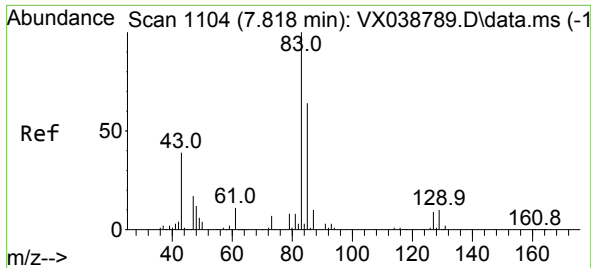
Tgt Ion: 63 Resp: 102677  
Ion Ratio Lower Upper  
63 100  
65 32.1 24.3 36.5



#46  
Dibromomethane  
Concen: 54.957 ug/l  
RT: 7.574 min Scan# 1064  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 93 Resp: 70912  
Ion Ratio Lower Upper  
93 100  
95 83.2 66.6 100.0  
174 83.6 69.4 104.0

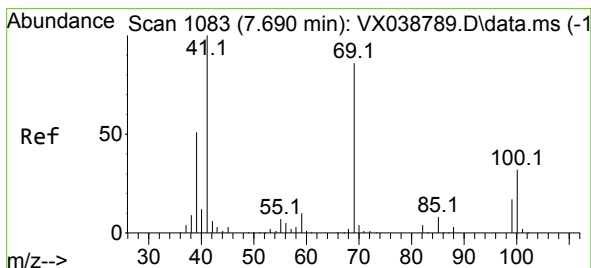
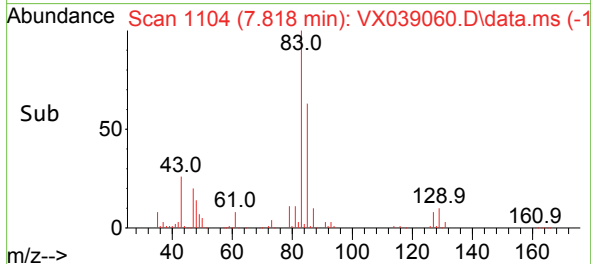
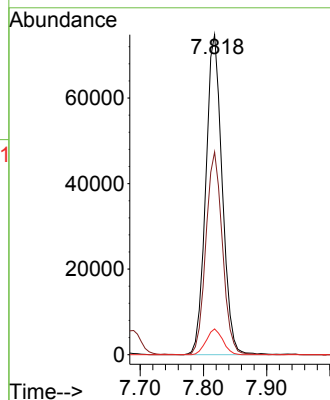
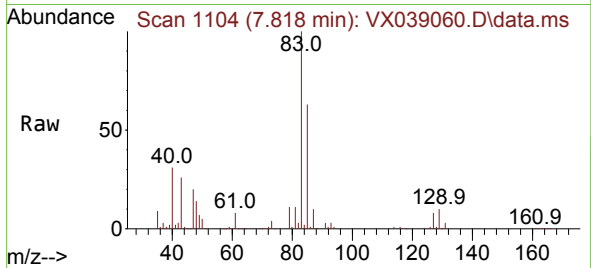




#47  
Bromodichloromethane  
Concen: 52.696 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

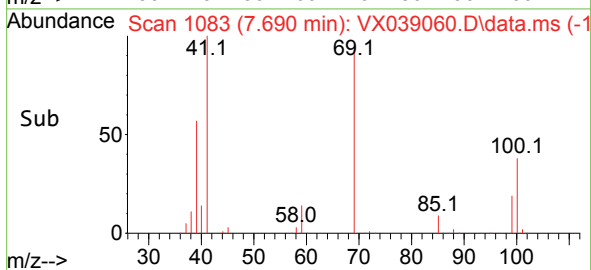
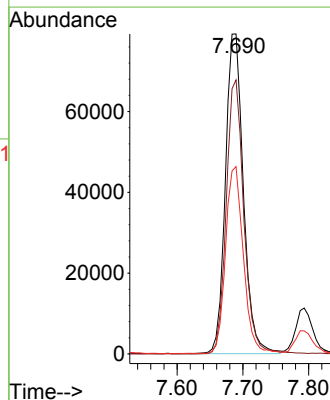
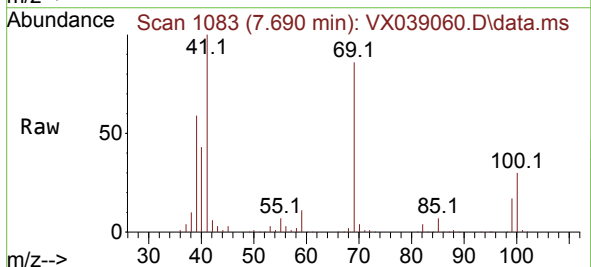
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

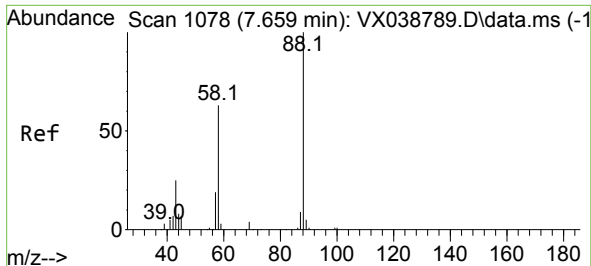
Tgt Ion: 83 Resp: 134954  
Ion Ratio Lower Upper  
83 100  
85 63.4 49.8 74.6  
127 8.1 7.1 10.7



#48  
Methyl methacrylate  
Concen: 61.266 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 41 Resp: 150457  
Ion Ratio Lower Upper  
41 100  
69 84.1 59.2 88.8  
39 57.9 47.7 71.5

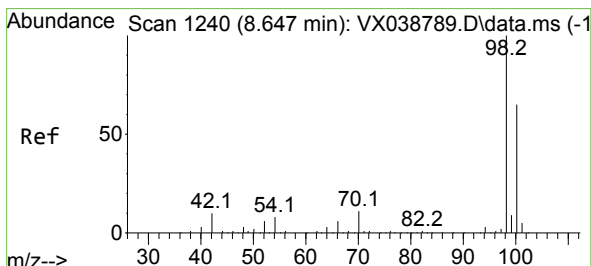
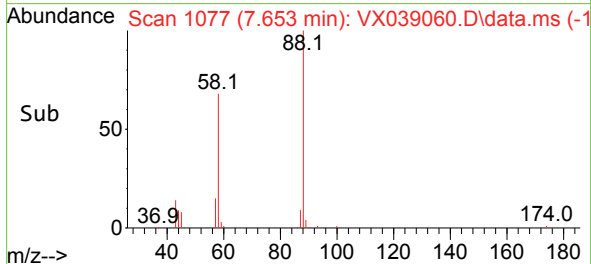
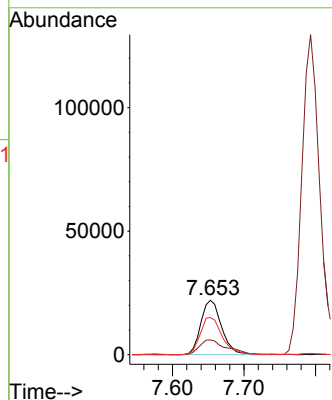
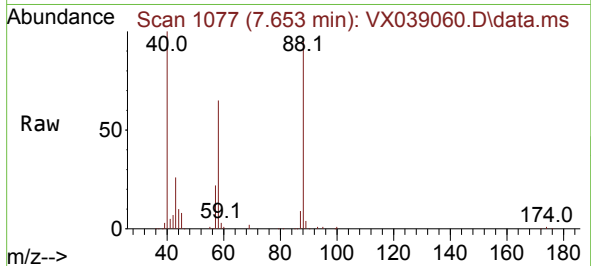




#49  
1,4-Dioxane  
Concen: 934.359 ug/l  
RT: 7.653 min Scan# 1077  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

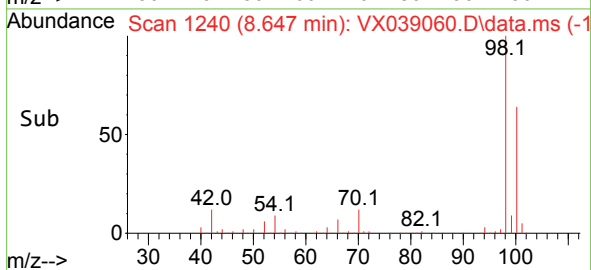
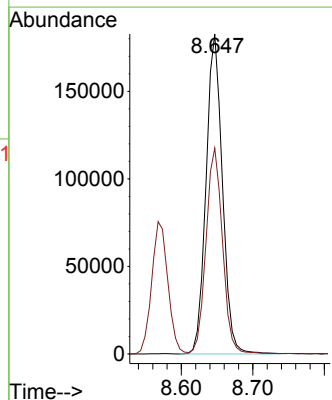
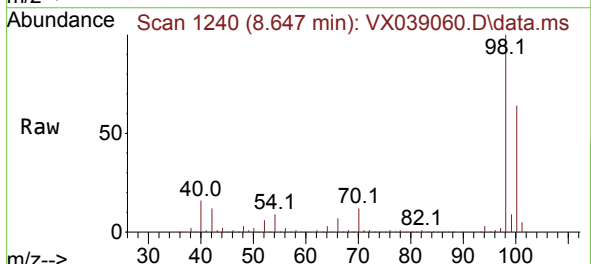
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

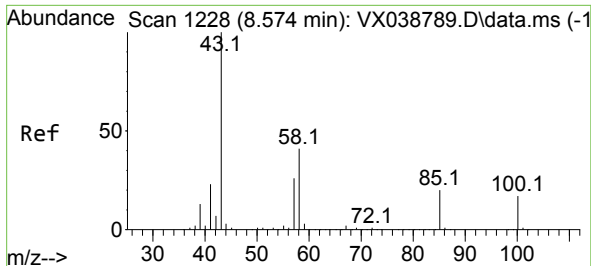
Tgt Ion: 88 Resp: 44392  
Ion Ratio Lower Upper  
88 100  
43 36.2 0.0 0.0#  
58 72.6 60.1 90.1



#50  
Toluene-d8  
Concen: 44.653 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 98 Resp: 289774  
Ion Ratio Lower Upper  
98 100  
100 65.1 53.1 79.7

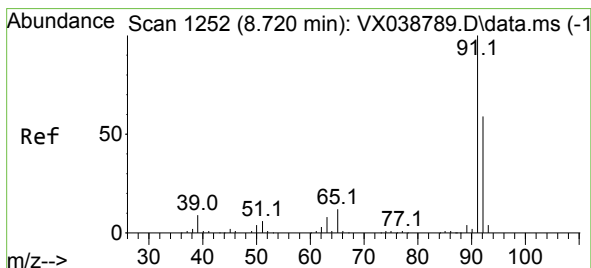
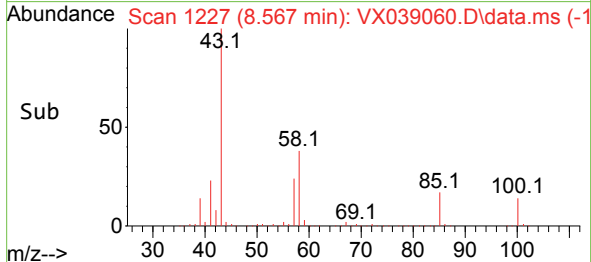
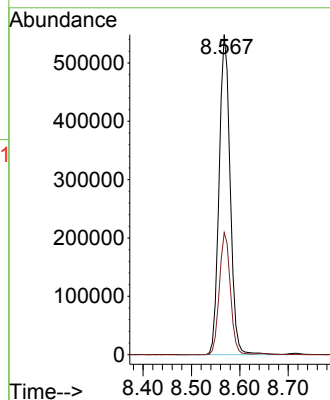
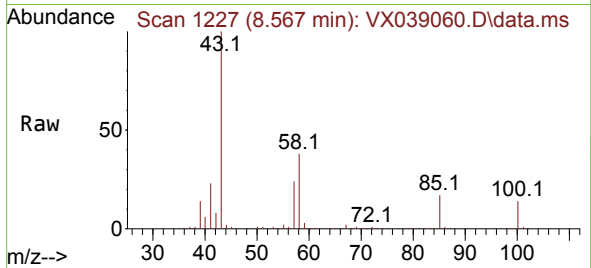




#51  
4-Methyl-2-Pentanone  
Concen: 267.712 ug/l  
RT: 8.567 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

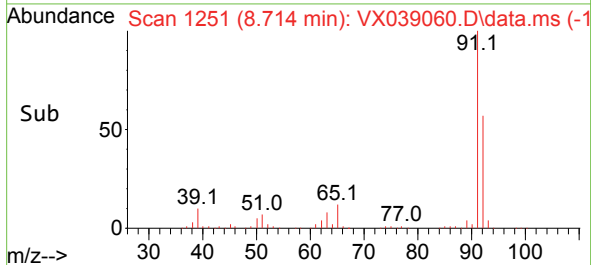
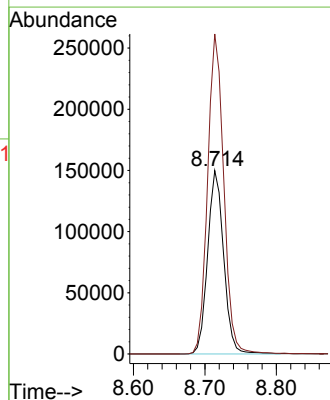
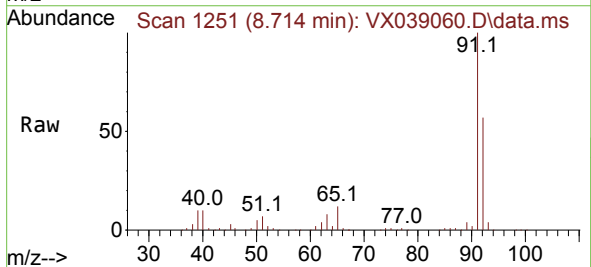
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

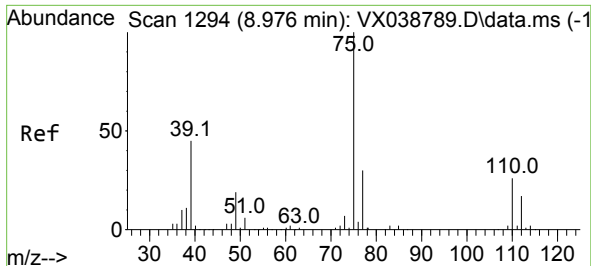
Tgt Ion: 43 Resp: 865940  
Ion Ratio Lower Upper  
43 100  
58 38.0 30.4 45.6



#52  
Toluene  
Concen: 52.353 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 92 Resp: 233587  
Ion Ratio Lower Upper  
92 100  
91 176.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 51.027 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA\_X

ClientSampleId :

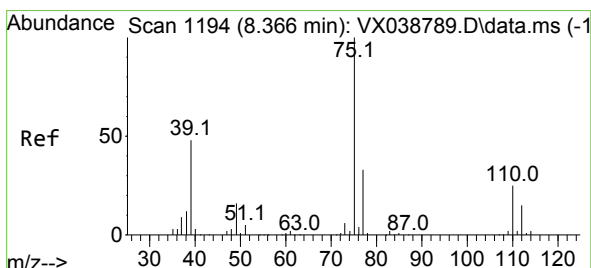
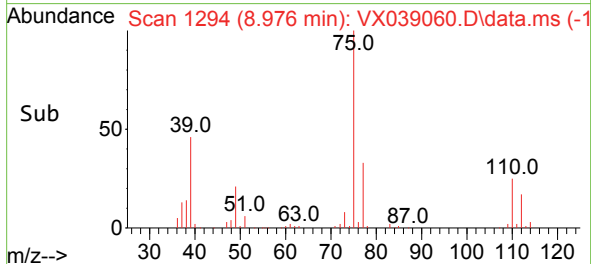
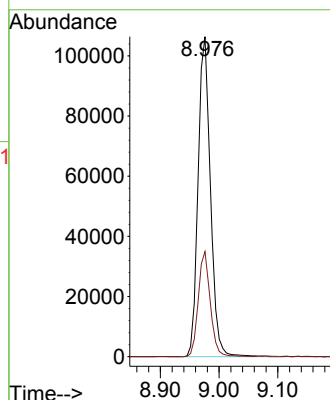
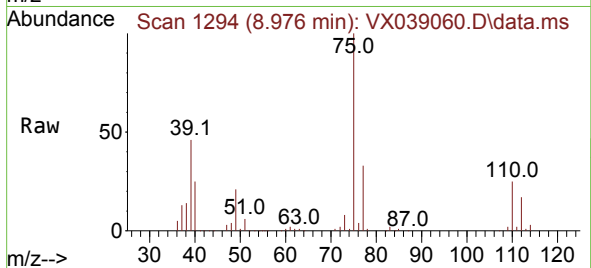
VSTDCCC050

Tgt Ion: 75 Resp: 155294

Ion Ratio Lower Upper

75 100

77 32.8 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 52.983 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

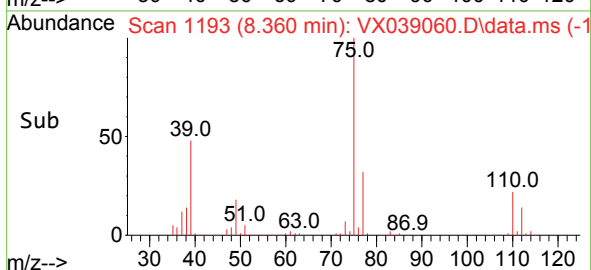
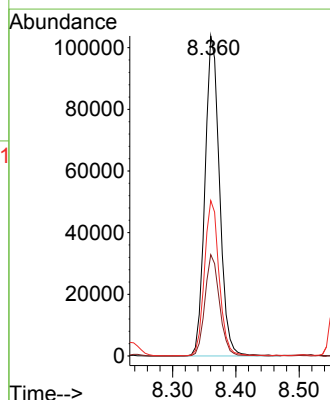
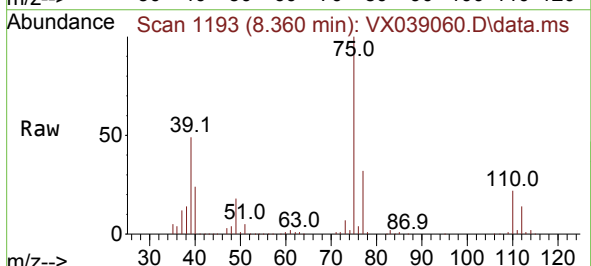
Tgt Ion: 75 Resp: 166561

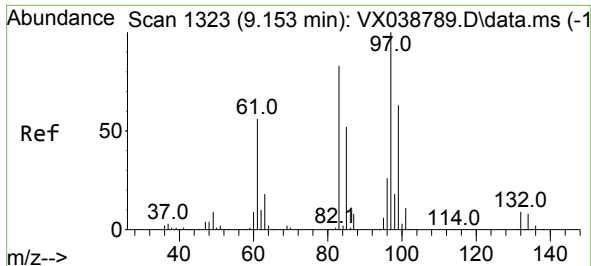
Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

39 48.4 46.7 70.1

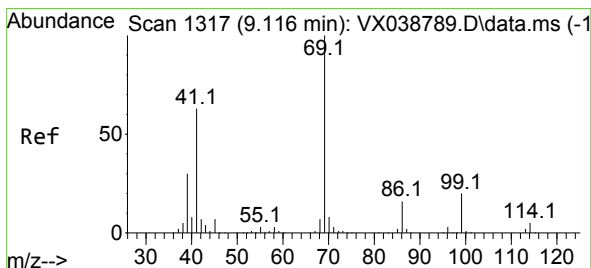
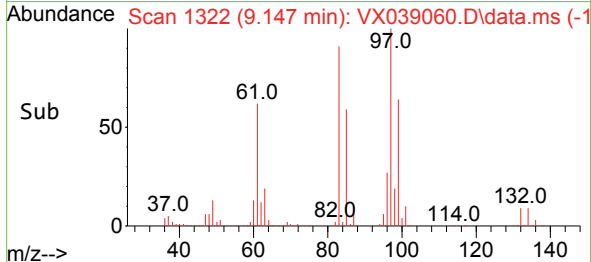
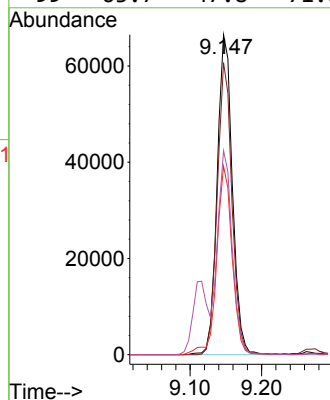
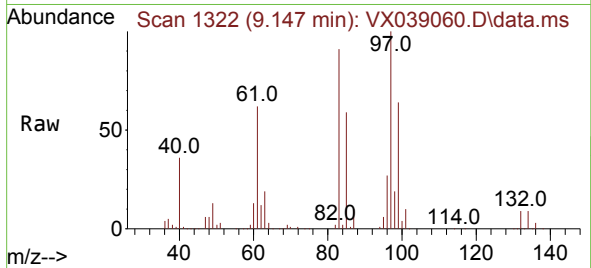




#55  
1,1,2-Trichloroethane  
Concen: 52.729 ug/l  
RT: 9.147 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

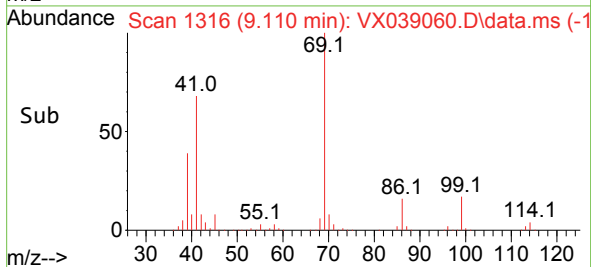
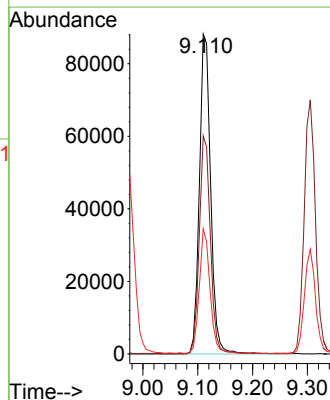
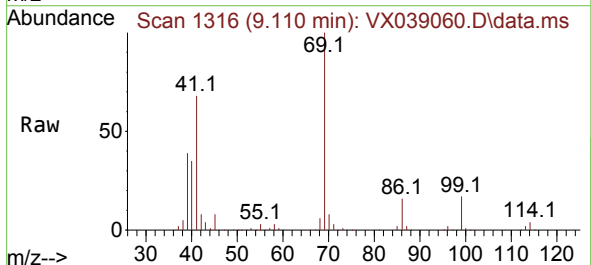
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

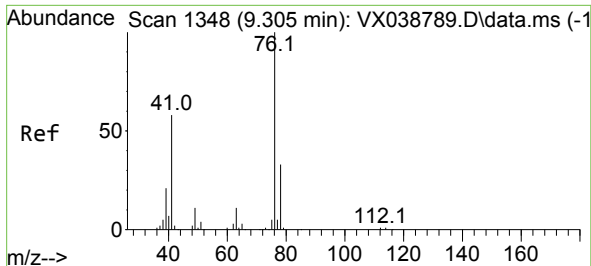
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 98164 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 91.3  | 65.8  | 98.8  |
| 85       | 58.9  | 41.6  | 62.4  |
| 99       | 63.7  | 47.8  | 71.8  |



#56  
Ethyl methacrylate  
Concen: 40.040 ug/l  
RT: 9.110 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 126121 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.5  | 56.8  | 85.2   |
| 39       | 37.2  | 32.0  | 48.0   |





#57

1,3-Dichloropropane

Concen: 54.227 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA\_X

ClientSampleId :

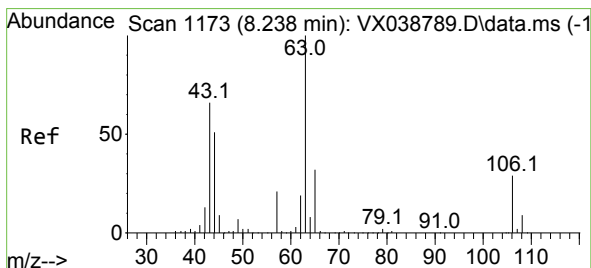
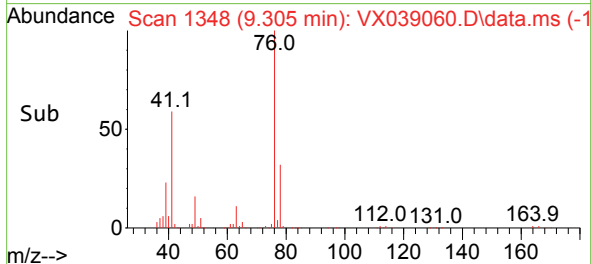
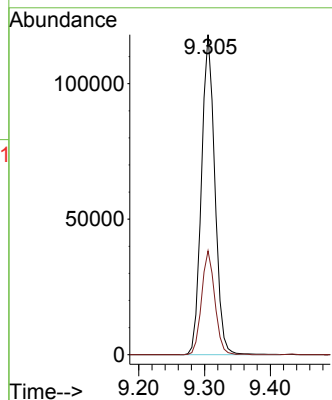
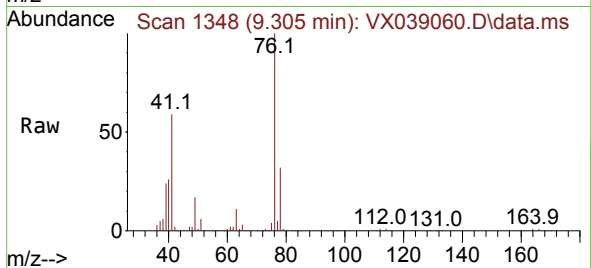
VSTDCCC050

Tgt Ion: 76 Resp: 166961

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 235.135 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039060.D

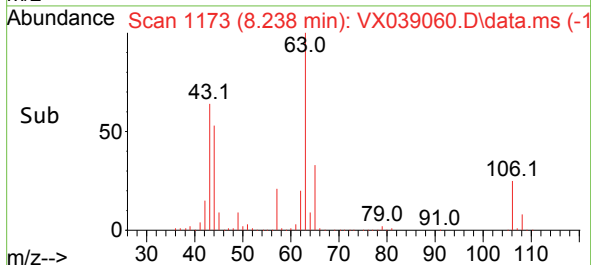
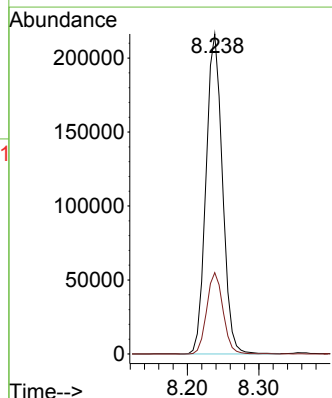
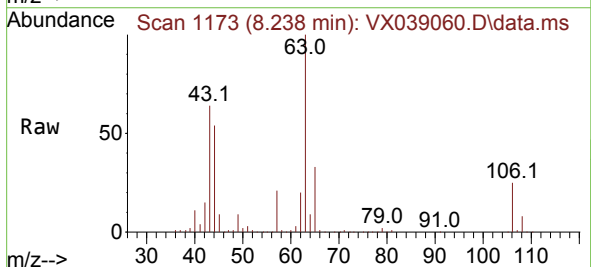
Acq: 30 Nov 2023 11:42

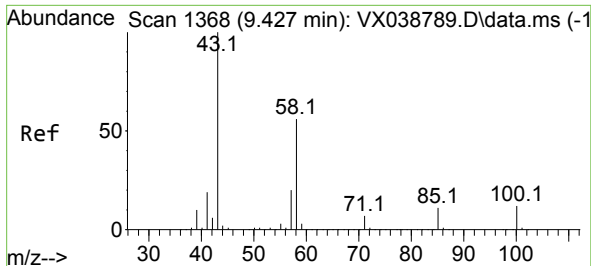
Tgt Ion: 63 Resp: 345027

Ion Ratio Lower Upper

63 100

106 25.3 22.5 33.7

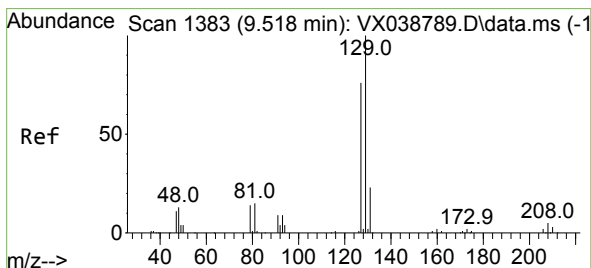
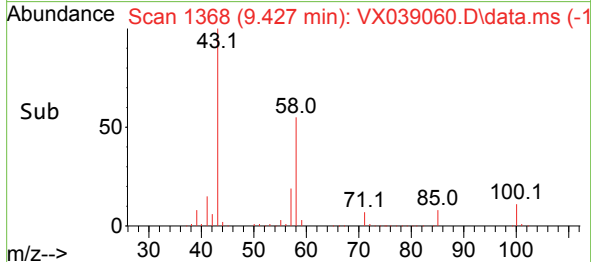
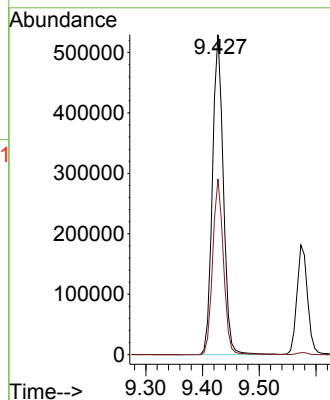
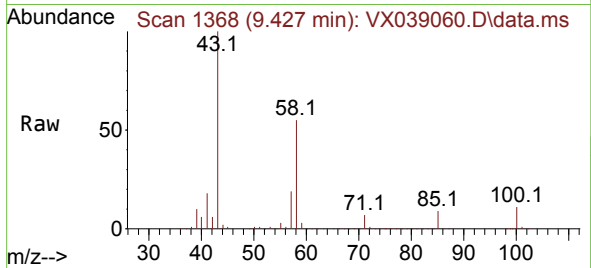




#59  
2-Hexanone  
Concen: 273.422 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

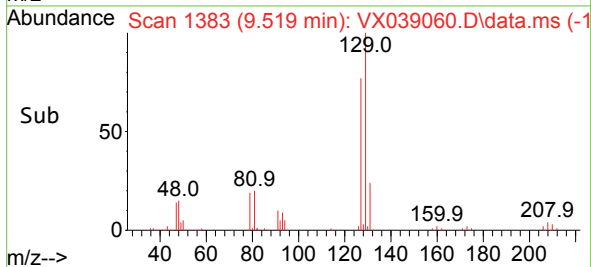
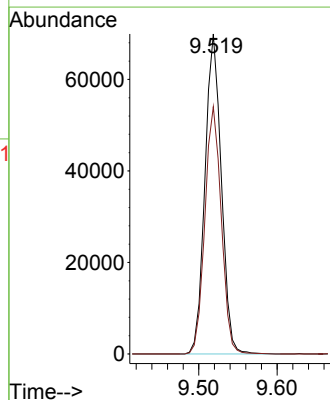
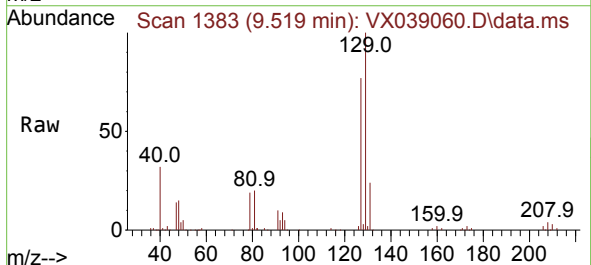
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 708879  
Ion Ratio Lower Upper  
43 100  
58 54.3 26.2 78.5



#60  
Dibromochloromethane  
Concen: 53.366 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion:129 Resp: 101019  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.8 116.4

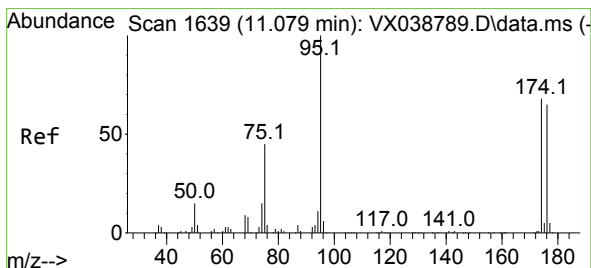
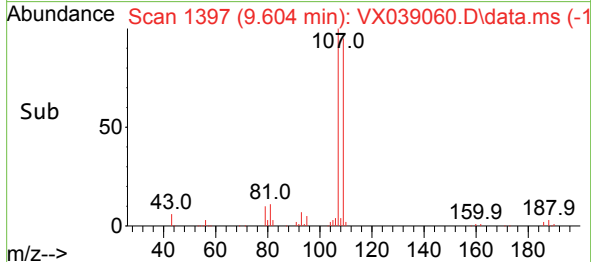
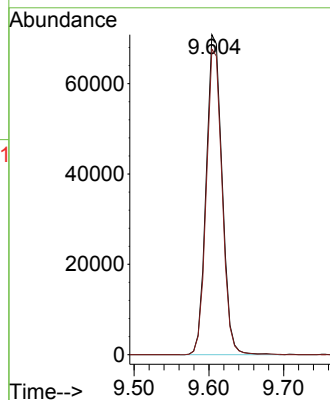
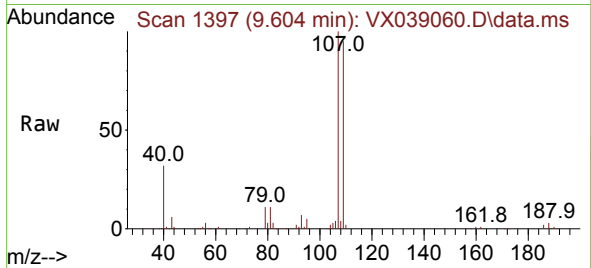




#61  
1,2-Dibromoethane  
Concen: 53.726 ug/l  
RT: 9.604 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

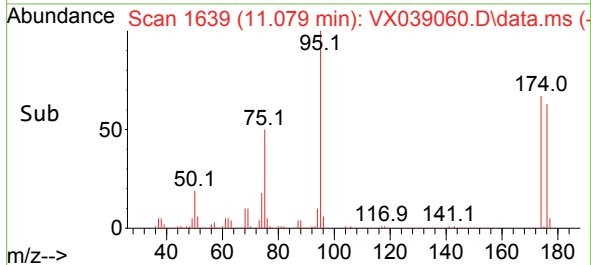
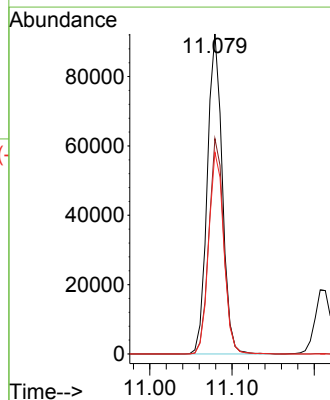
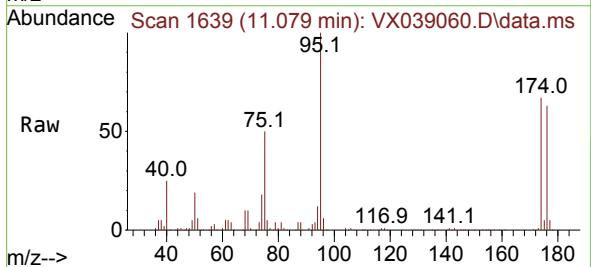
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

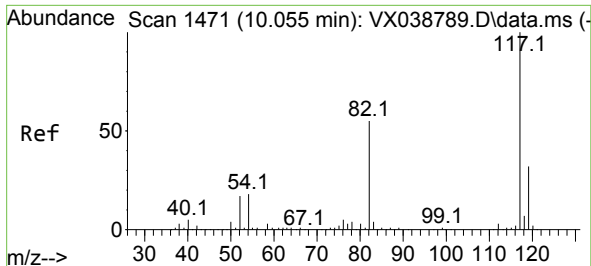
Tgt Ion:107 Resp: 104955  
Ion Ratio Lower Upper  
107 100  
109 94.6 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 44.816 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 95 Resp: 116422  
Ion Ratio Lower Upper  
95 100  
174 67.2 0.0 135.6  
176 63.8 0.0 131.0

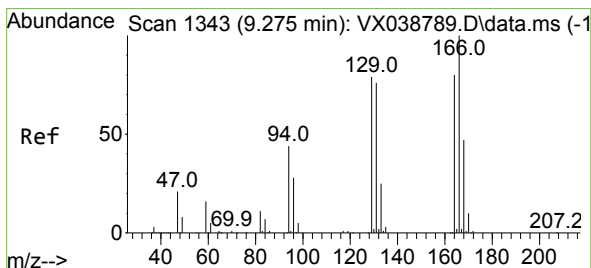
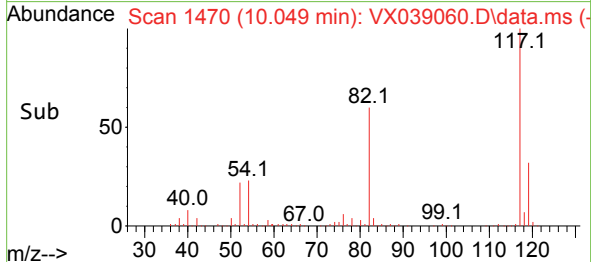
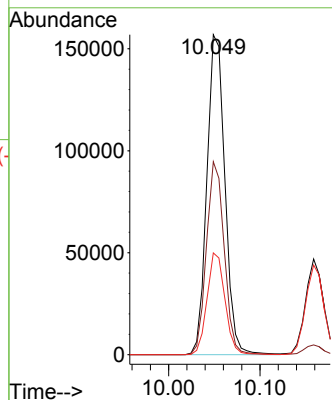
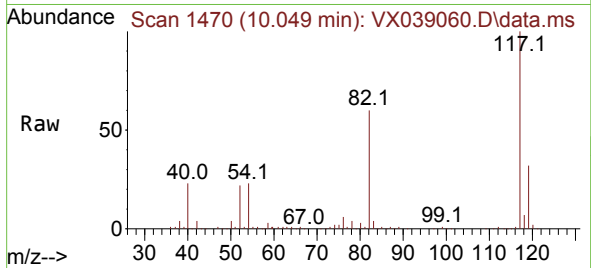




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

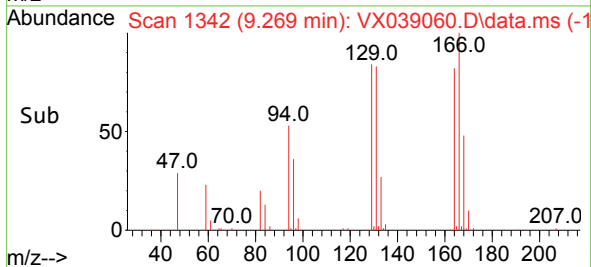
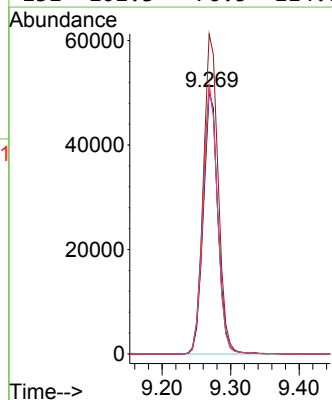
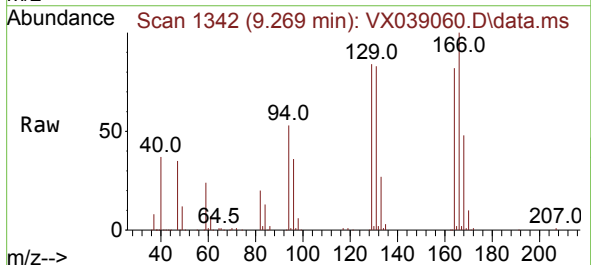
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

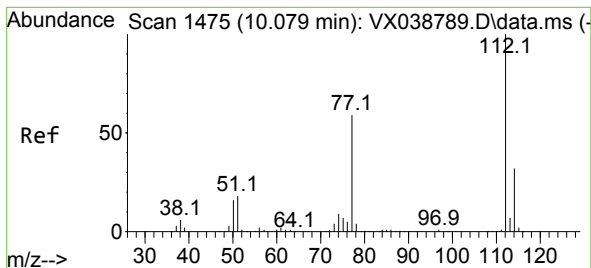
Tgt Ion:117 Resp: 214569  
Ion Ratio Lower Upper  
117 100  
82 60.3 46.2 69.4  
119 31.8 25.5 38.3



#64  
Tetrachloroethene  
Concen: 55.595 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion:164 Resp: 74149  
Ion Ratio Lower Upper  
164 100  
166 122.2 102.7 154.1  
129 103.2 80.4 120.6  
131 101.3 76.5 114.7





#65

Chlorobenzene

Concen: 53.585 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA\_X

ClientSampleId :

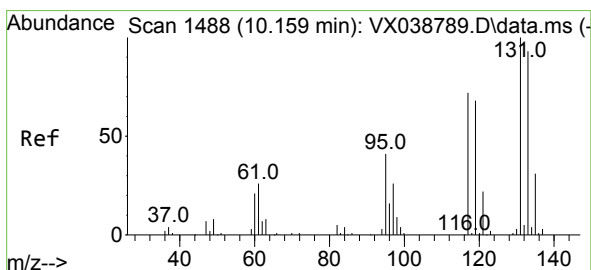
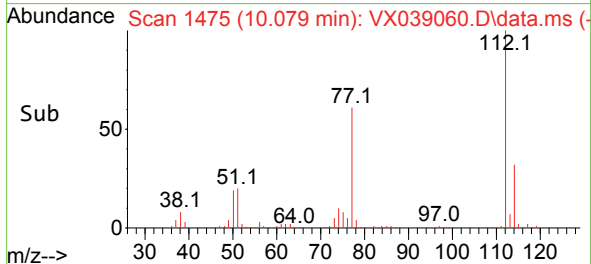
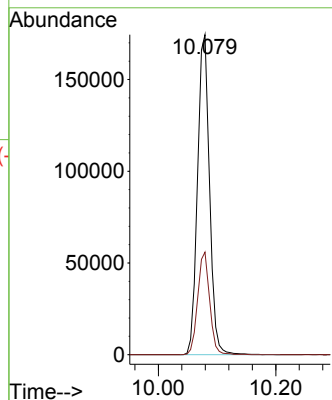
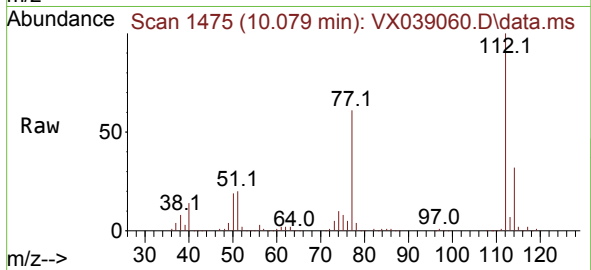
VSTDCCC050

Tgt Ion:112 Resp: 247674

Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 54.107 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

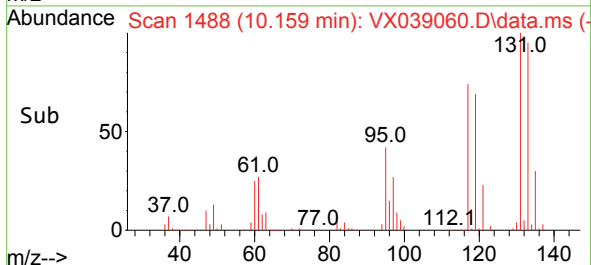
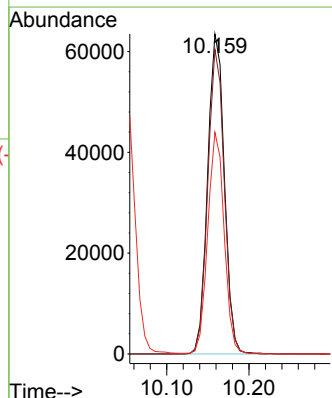
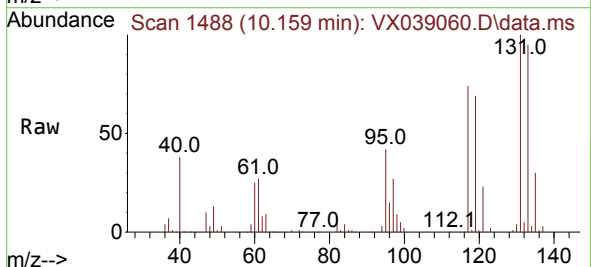
Tgt Ion:131 Resp: 89960

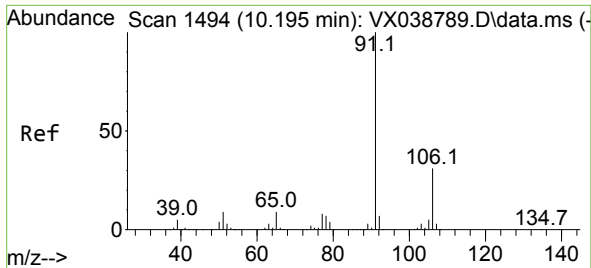
Ion Ratio Lower Upper

131 100

133 93.8 47.1 141.4

119 67.9 32.2 96.6

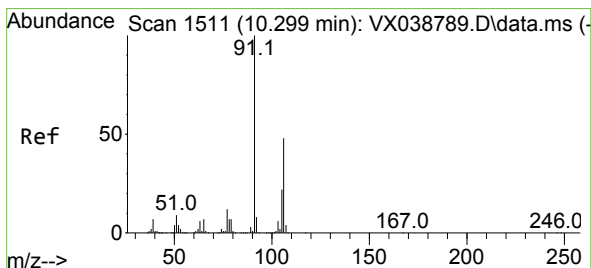
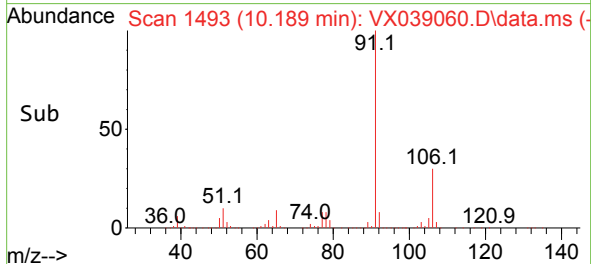
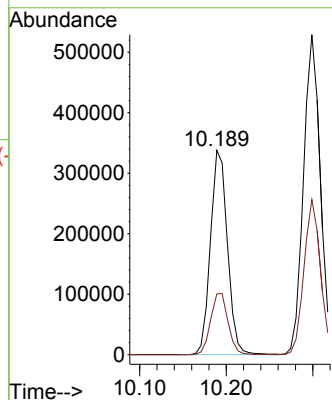
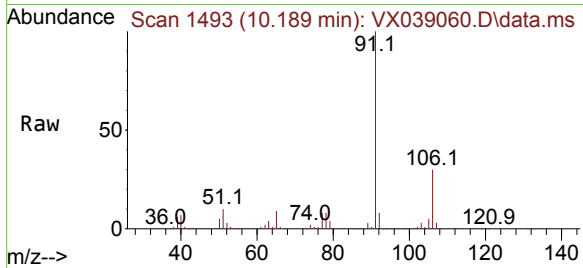




#67  
Ethyl Benzene  
Concen: 54.272 ug/l  
RT: 10.189 min Scan# 1494  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

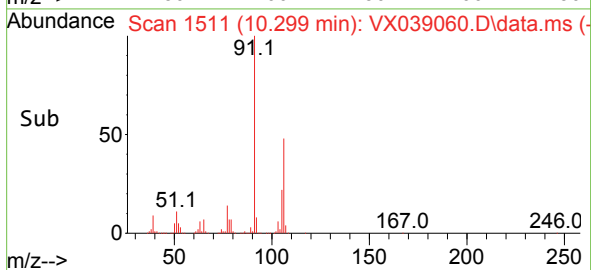
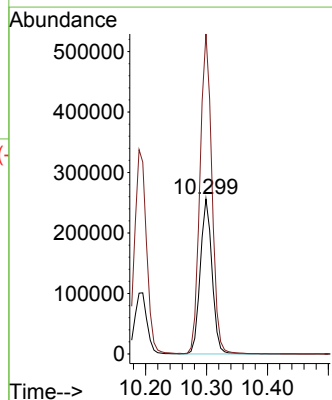
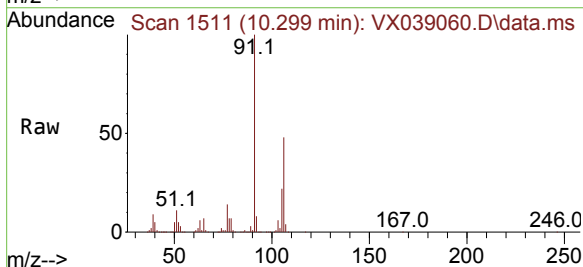
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

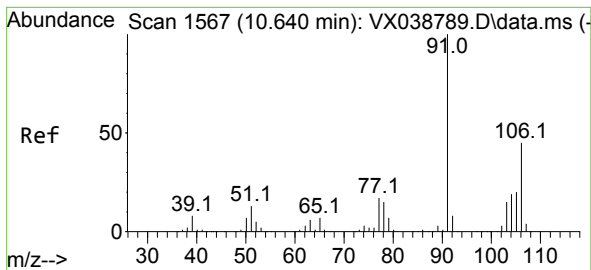
Tgt Ion: 91 Resp: 460877  
Ion Ratio Lower Upper  
91 100  
106 29.8 24.9 37.3



#68  
m/p-Xylenes  
Concen: 106.910 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion:106 Resp: 343426  
Ion Ratio Lower Upper  
106 100  
91 209.6 165.5 248.3

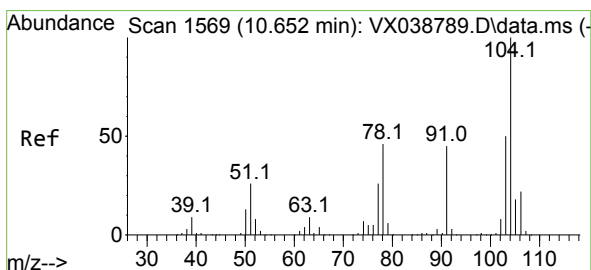
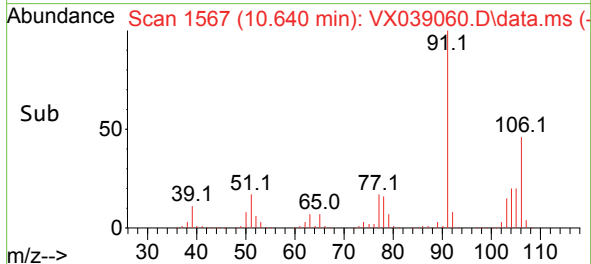
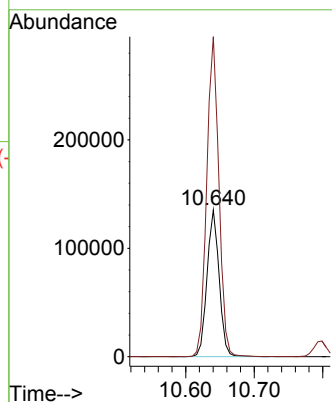
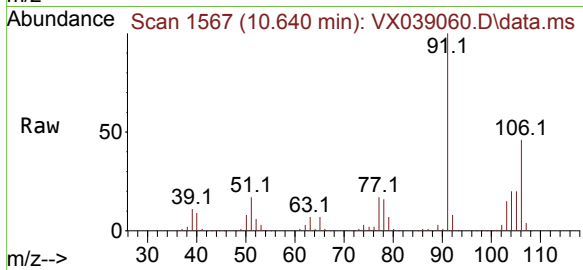




#69  
o-Xylene  
Concen: 52.372 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

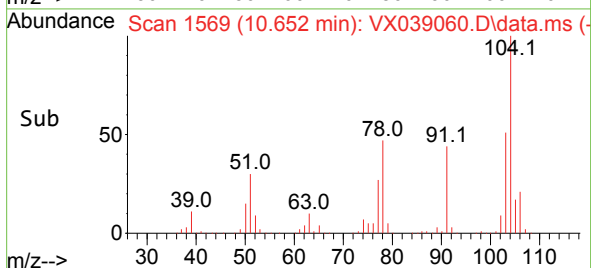
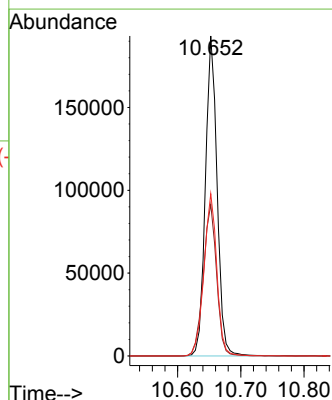
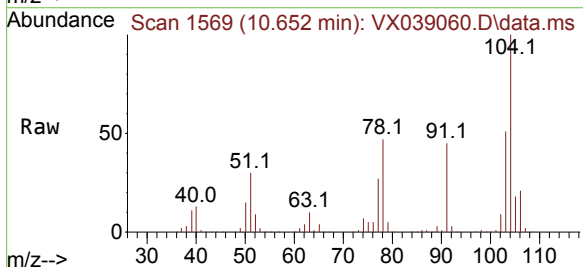
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

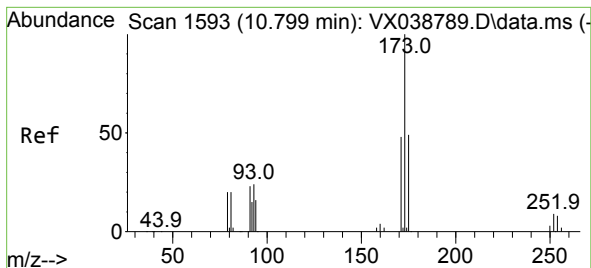
Tgt Ion:106 Resp: 166465  
Ion Ratio Lower Upper  
106 100  
91 219.2 108.9 326.8



#70  
Styrene  
Concen: 46.418 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion:104 Resp: 249177  
Ion Ratio Lower Upper  
104 100  
78 53.8 43.6 65.4  
103 56.0 43.6 65.4





#71

Bromoform

Concen: 52.429 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

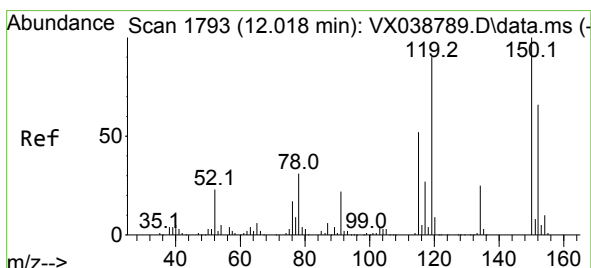
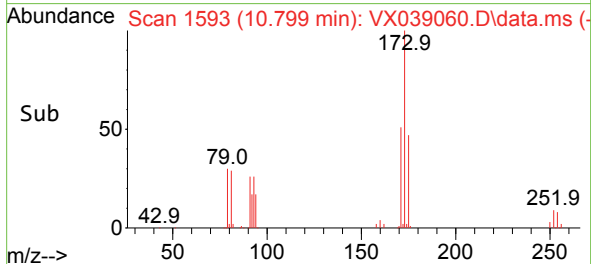
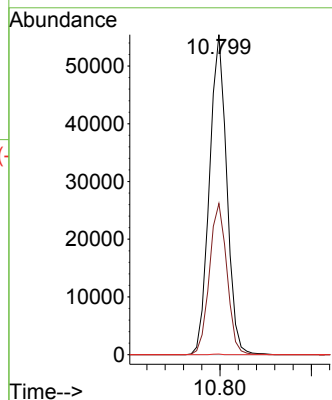
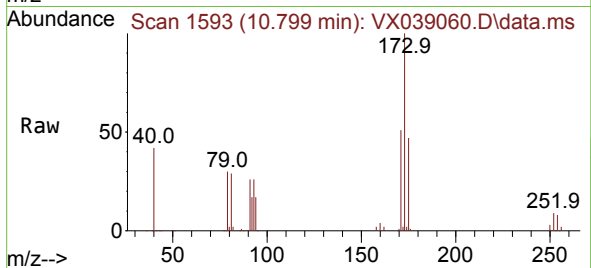
Tgt Ion:173 Resp: 72669

Ion Ratio Lower Upper

173 100

175 47.8 24.1 72.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

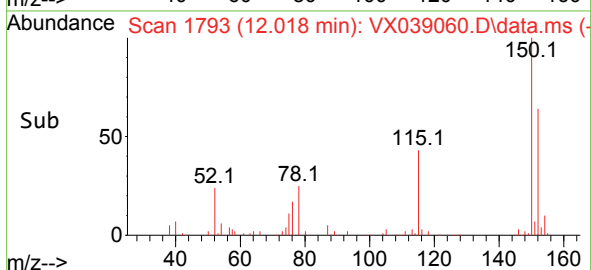
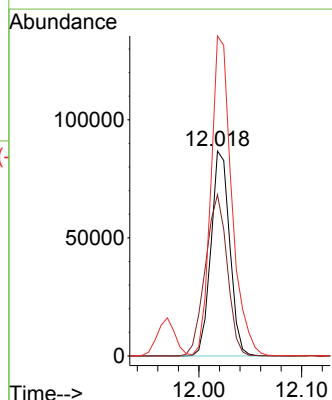
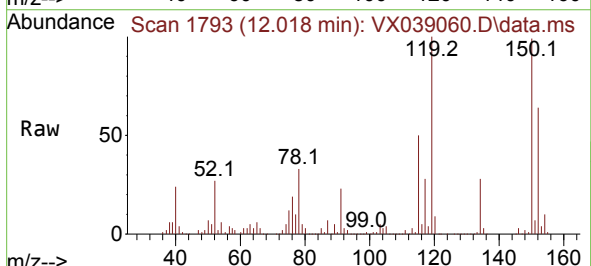
Tgt Ion:152 Resp: 109720

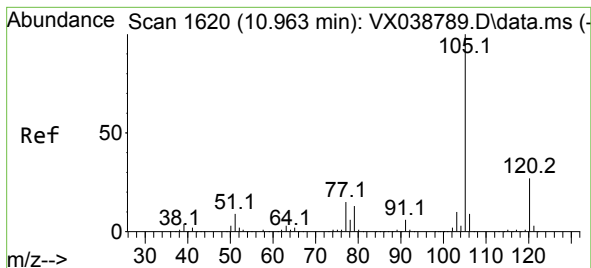
Ion Ratio Lower Upper

152 100

115 91.9 43.3 129.9

150 173.4 0.0 345.0





#73

Isopropylbenzene

Concen: 51.788 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA\_X

ClientSampleId :

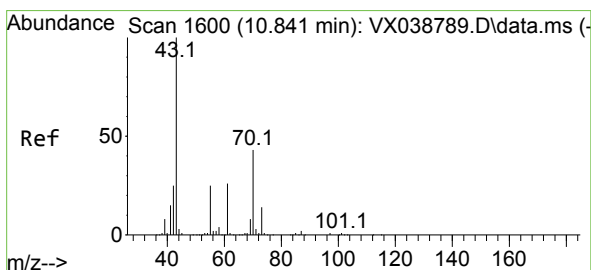
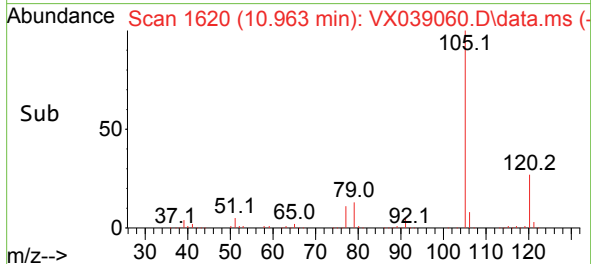
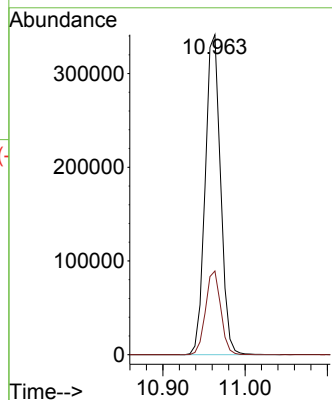
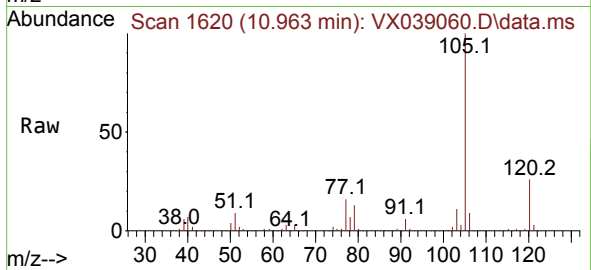
VSTDCCC050

Tgt Ion:105 Resp: 442724

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.6



#74

N-ethyl acetate

Concen: 51.783 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Tgt Ion: 43 Resp: 234007

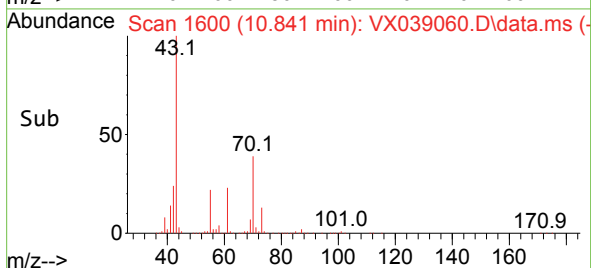
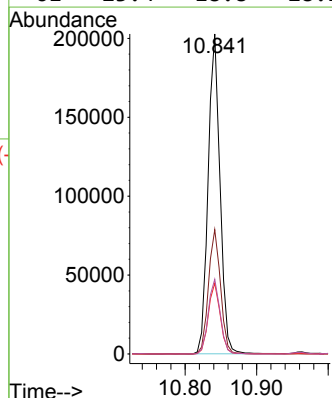
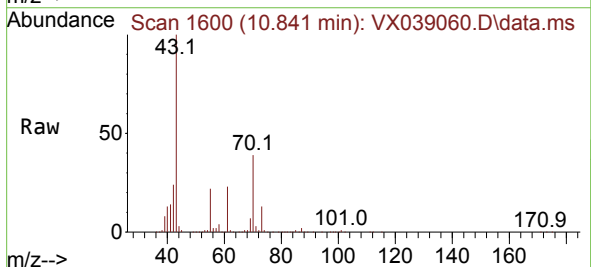
Ion Ratio Lower Upper

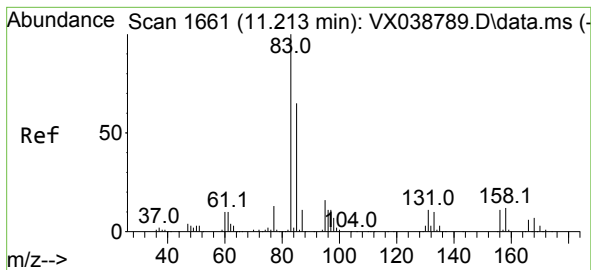
43 100

70 39.5 32.9 49.3

55 22.3 19.3 28.9

61 23.4 18.8 28.2

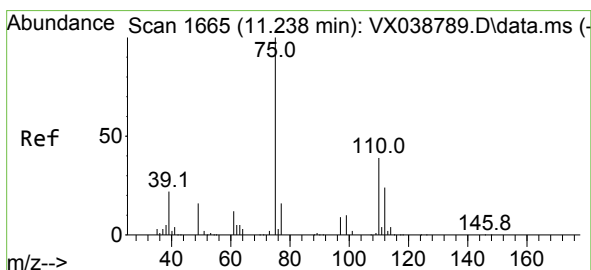
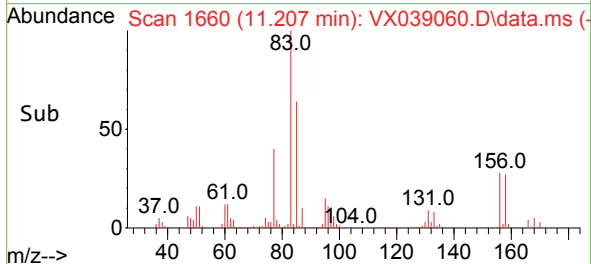
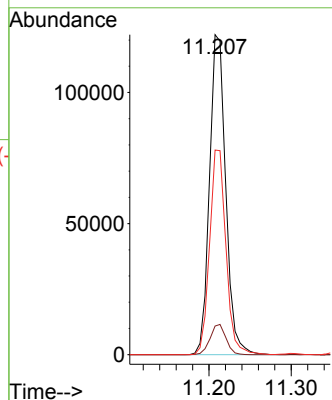
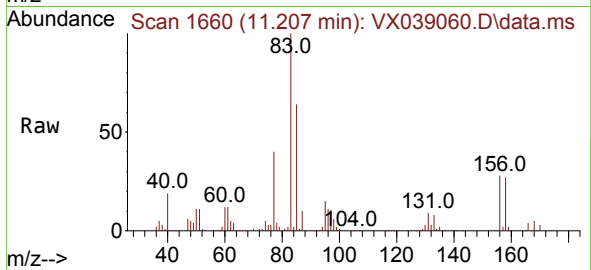




#75  
 1,1,2-Tetrachloroethane  
 Concen: 50.171 ug/l  
 RT: 11.207 min Scan# 1660  
 Delta R.T. -0.006 min  
 Lab File: VX039060.D  
 Acq: 30 Nov 2023 11:42

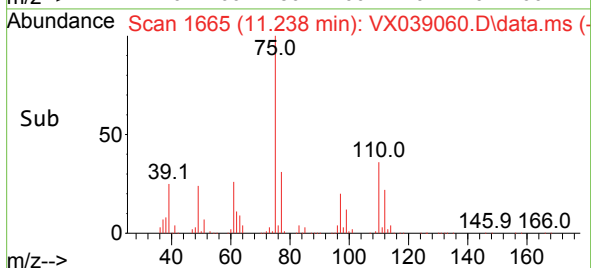
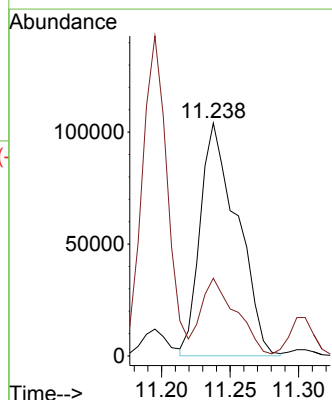
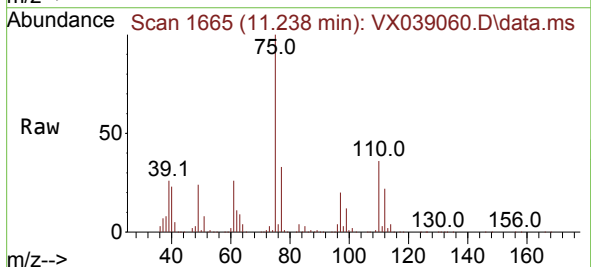
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

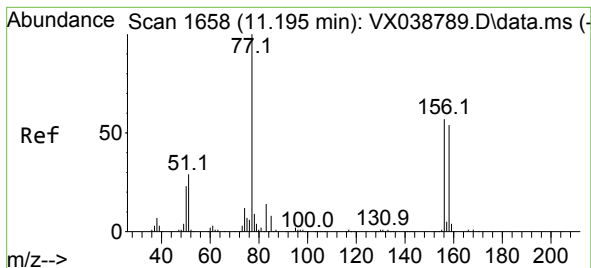
Tgt Ion: 83 Resp: 167427  
 Ion Ratio Lower Upper  
 83 100  
 131 9.2 5.3 15.8  
 85 64.4 32.0 96.2



#76  
 1,2,3-Trichloropropane  
 Concen: 71.523 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. 0.000 min  
 Lab File: VX039060.D  
 Acq: 30 Nov 2023 11:42

Tgt Ion: 75 Resp: 195794  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 19.1 57.5





#77

Bromobenzene

Concen: 51.575 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

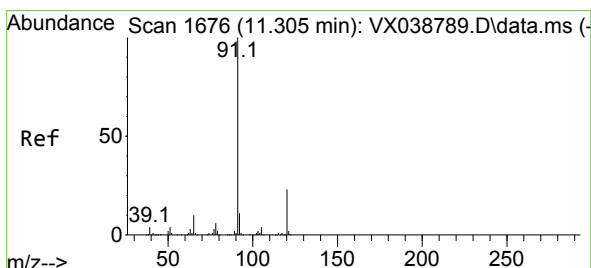
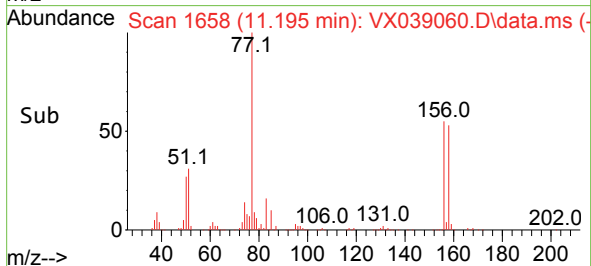
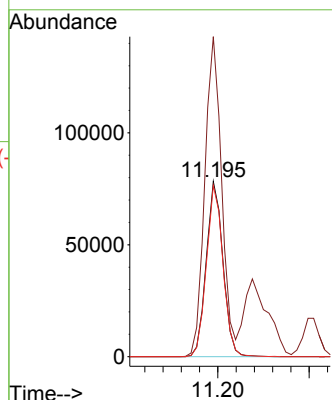
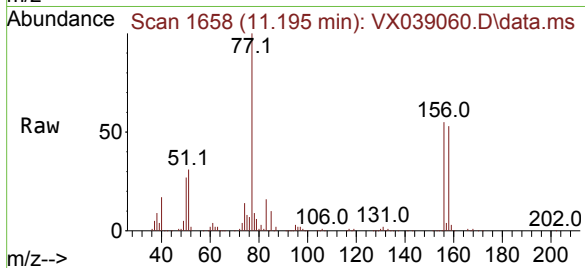
Tgt Ion:156 Resp: 99070

Ion Ratio Lower Upper

156 100

77 184.3 88.4 265.3

158 97.4 48.0 144.0



#78

n-propylbenzene

Concen: 51.768 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039060.D

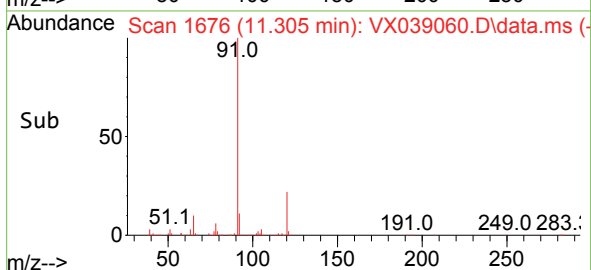
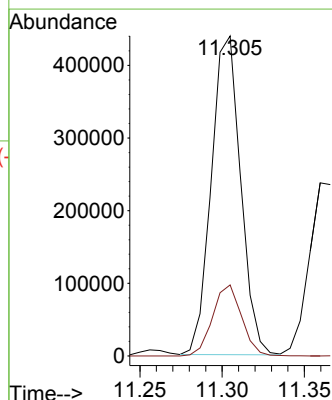
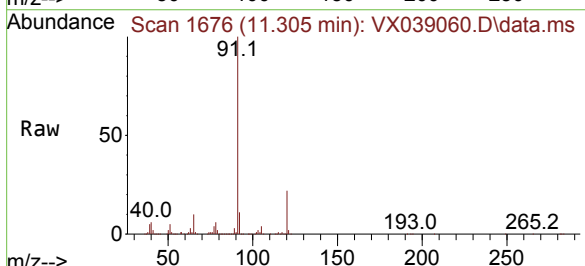
Acq: 30 Nov 2023 11:42

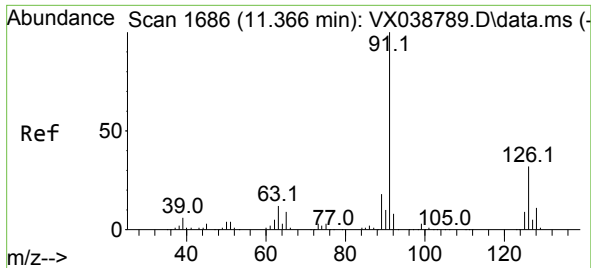
Tgt Ion: 91 Resp: 544738

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4

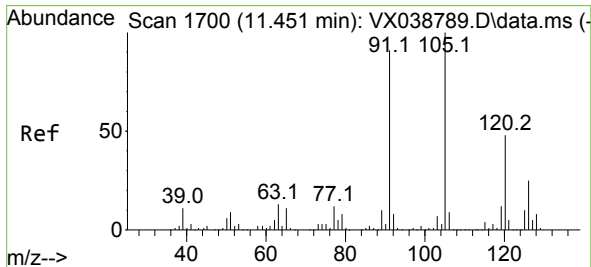
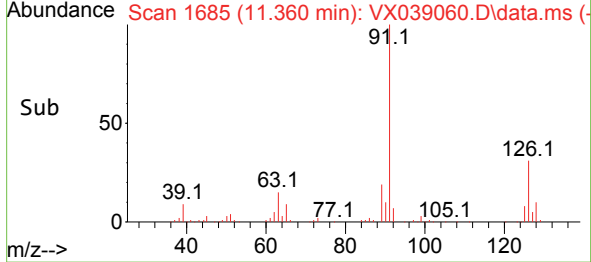
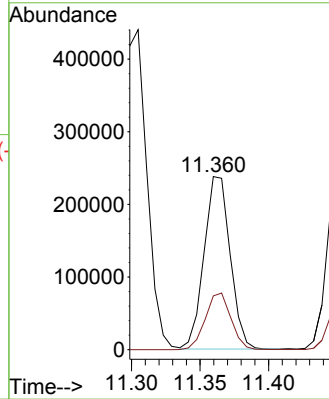
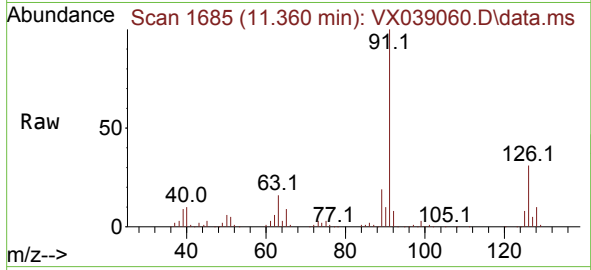




#79  
2-Chlorotoluene  
Concen: 50.371 ug/l  
RT: 11.360 min Scan# 1686  
Delta R.T. -0.006 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

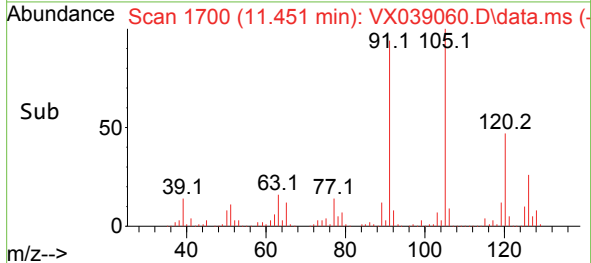
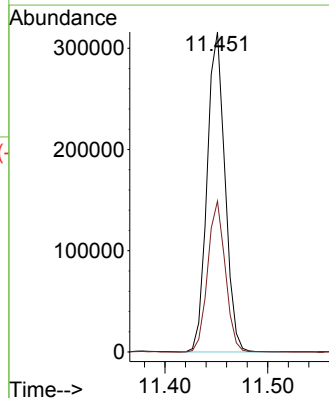
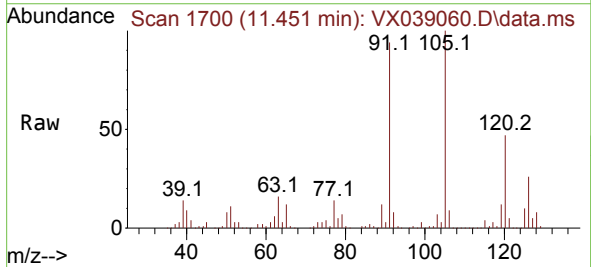
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

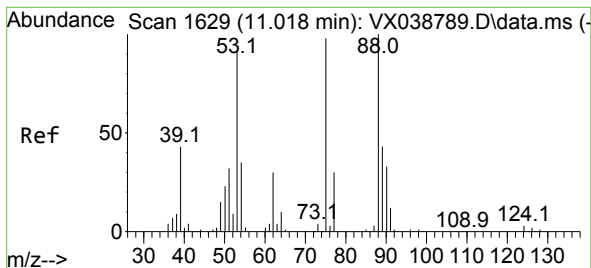
Tgt Ion: 91 Resp: 314556  
Ion Ratio Lower Upper  
91 100  
126 32.4 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 53.105 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 105 Resp: 381717  
Ion Ratio Lower Upper  
105 100  
120 46.5 24.1 72.3

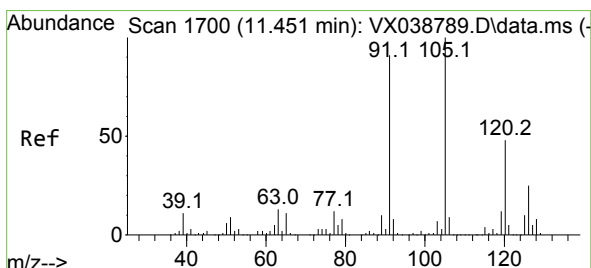
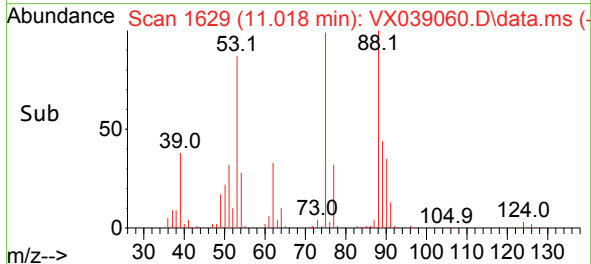
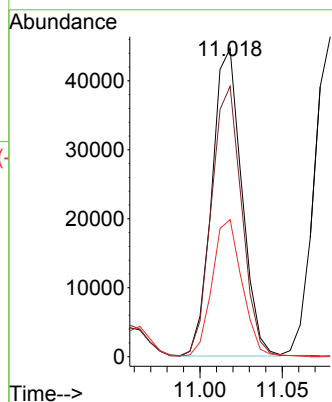
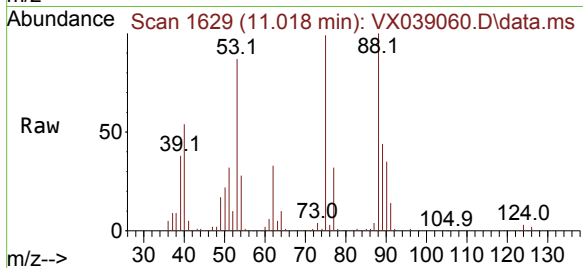




#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.783 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

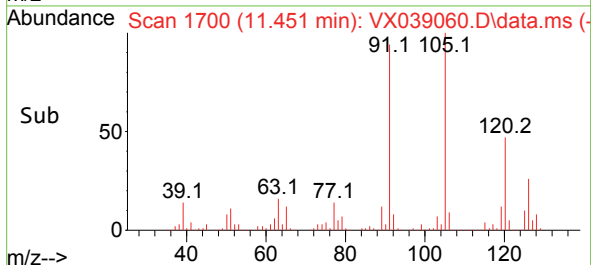
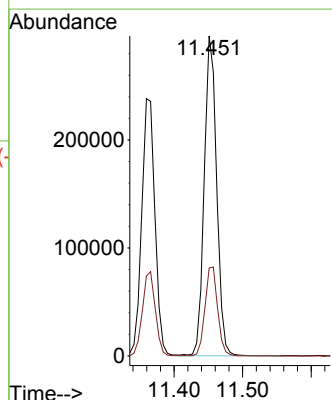
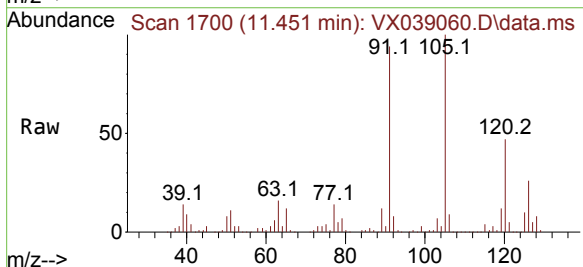
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

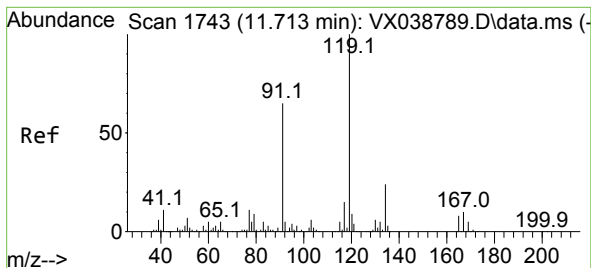
Tgt Ion: 75 Resp: 56504  
Ion Ratio Lower Upper  
75 100  
53 88.6 90.5 135.7#  
89 44.8 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 51.889 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 91 Resp: 373624  
Ion Ratio Lower Upper  
91 100  
126 28.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 51.659 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

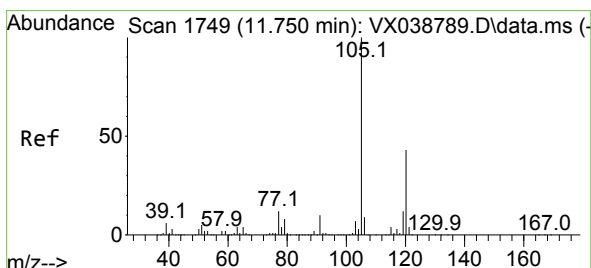
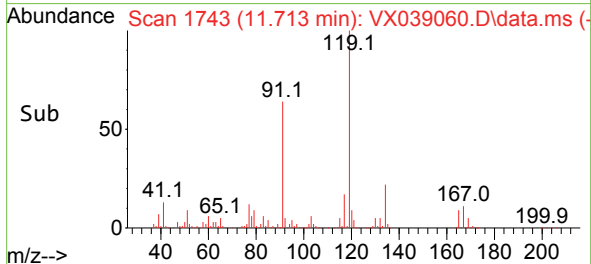
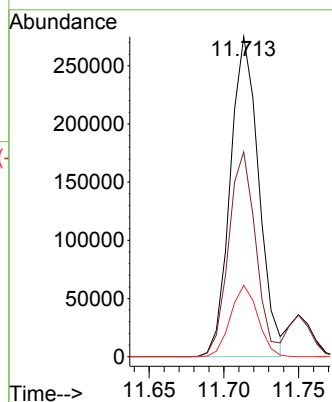
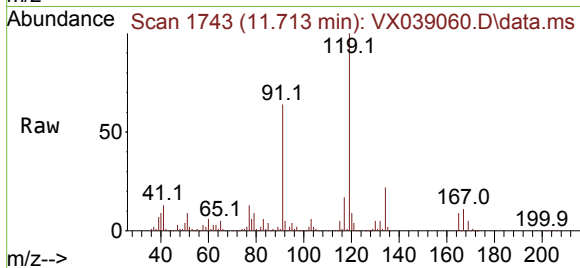
Tgt Ion:119 Resp: 365700

Ion Ratio Lower Upper

119 100

91 61.4 31.2 93.6

134 21.4 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 53.416 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039060.D

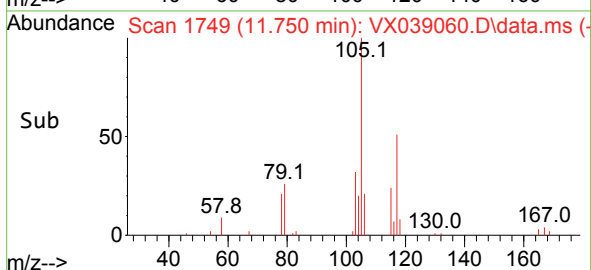
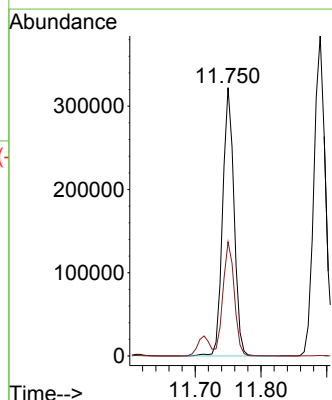
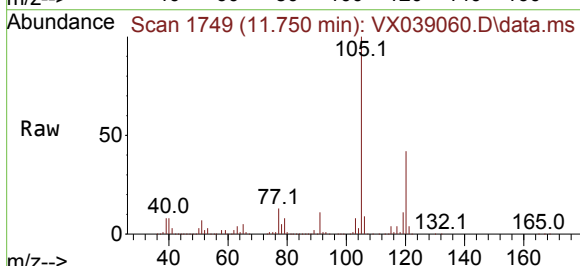
Acq: 30 Nov 2023 11:42

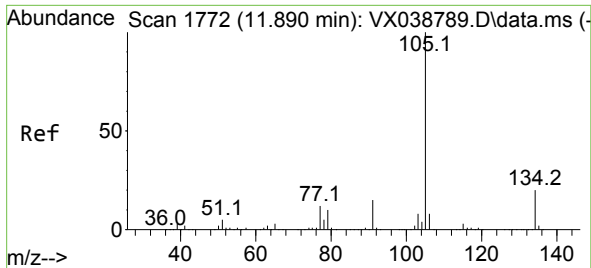
Tgt Ion:105 Resp: 388616

Ion Ratio Lower Upper

105 100

120 42.6 21.2 63.6

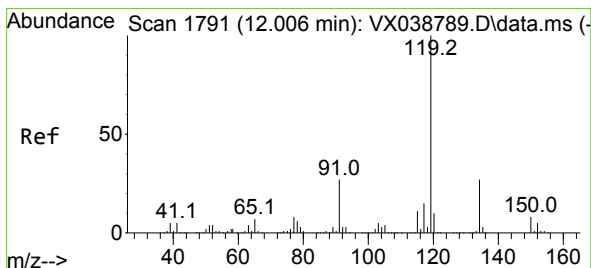
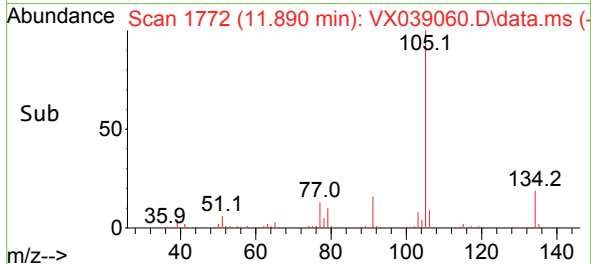
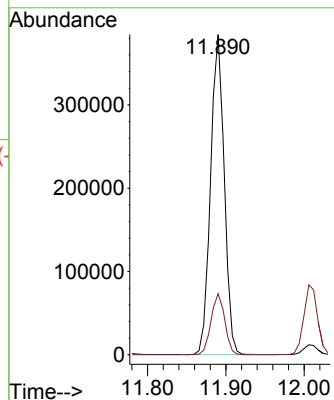
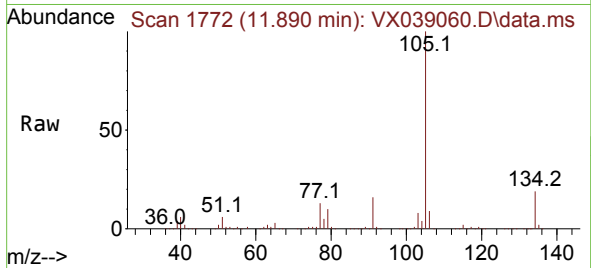




#85  
 sec-Butylbenzene  
 Concen: 50.187 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX039060.D  
 Acq: 30 Nov 2023 11:42

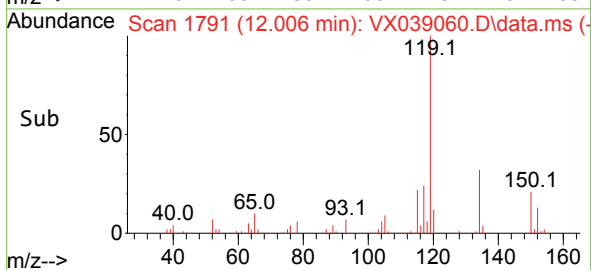
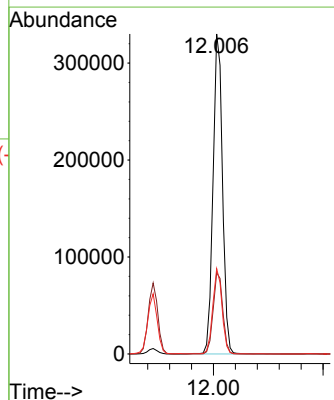
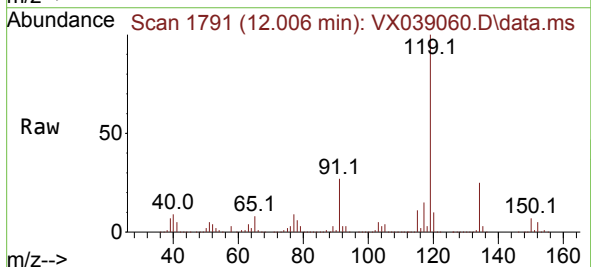
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

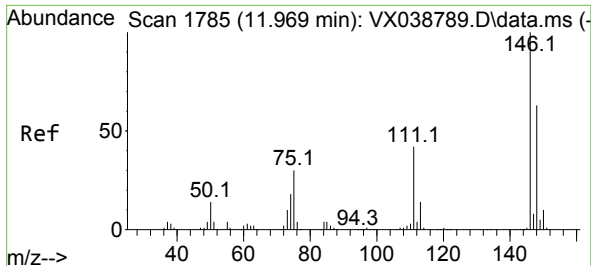
Tgt Ion:105 Resp: 464722  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 52.828 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX039060.D  
 Acq: 30 Nov 2023 11:42

Tgt Ion:119 Resp: 392689  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 12.8 38.3  
 91 26.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.269 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

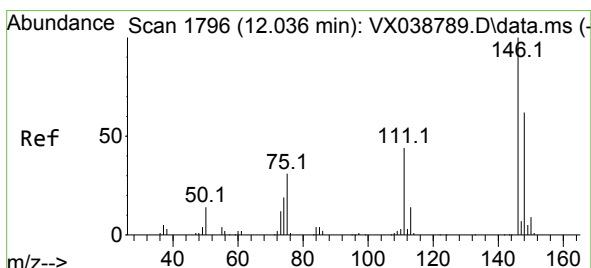
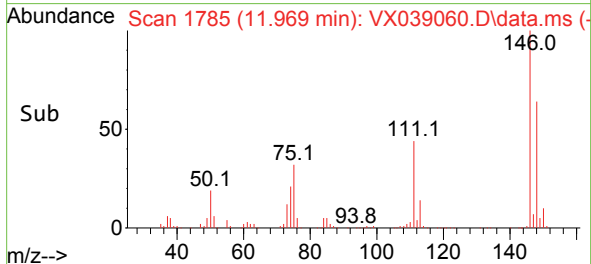
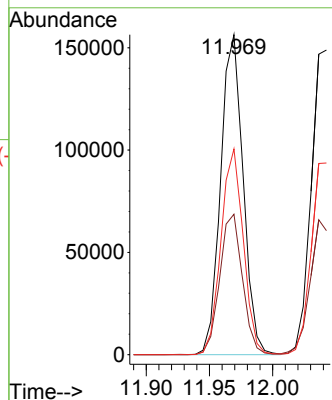
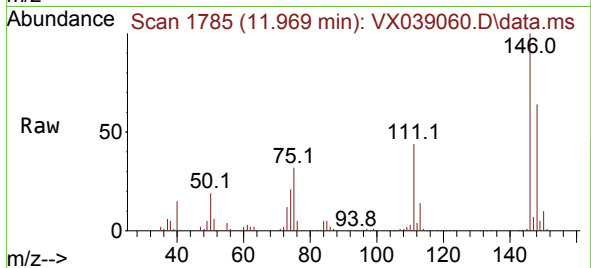
Tgt Ion:146 Resp: 192848

Ion Ratio Lower Upper

146 100

111 44.5 22.1 66.1

148 63.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.292 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

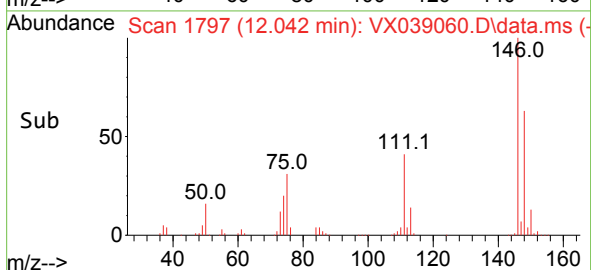
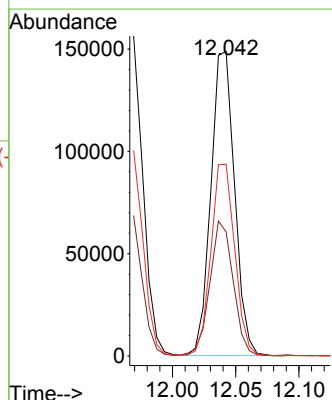
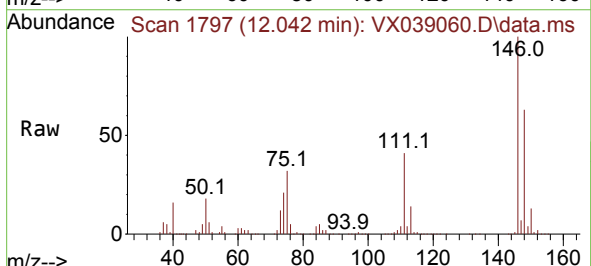
Tgt Ion:146 Resp: 193619

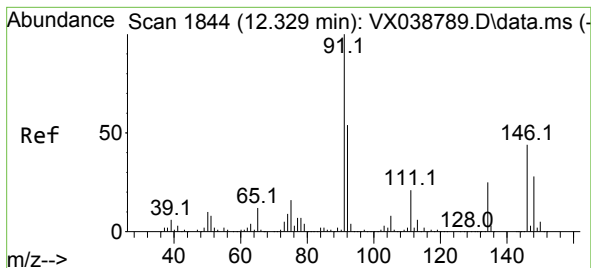
Ion Ratio Lower Upper

146 100

111 43.6 21.3 63.7

148 63.6 31.8 95.4

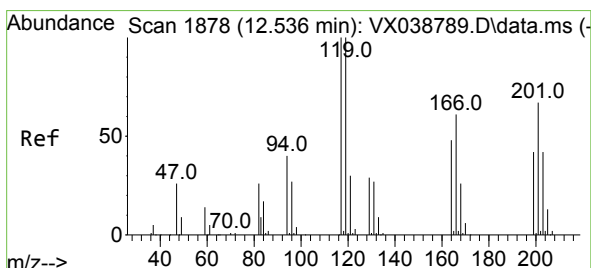
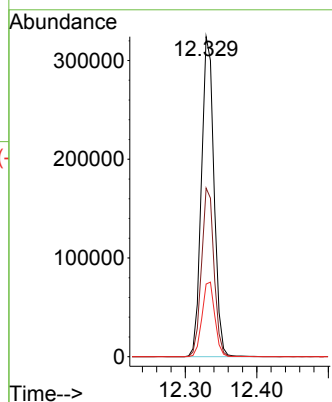
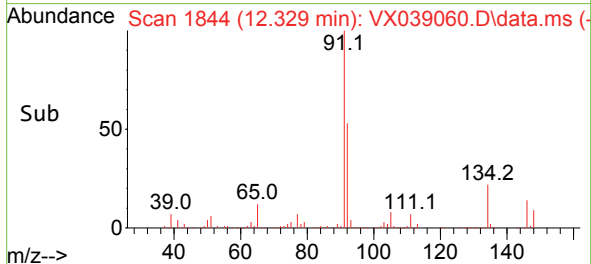
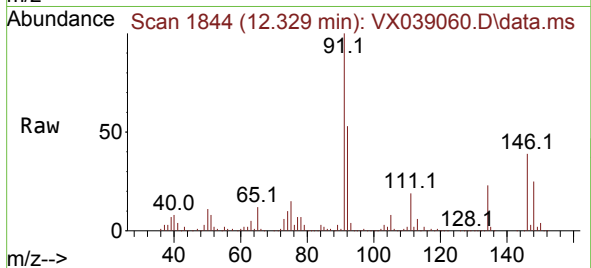




#89  
n-Butylbenzene  
Concen: 52.744 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

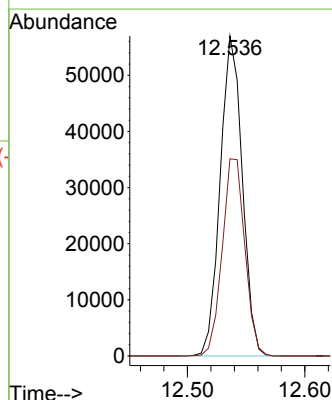
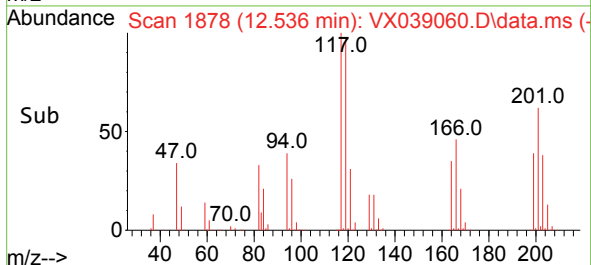
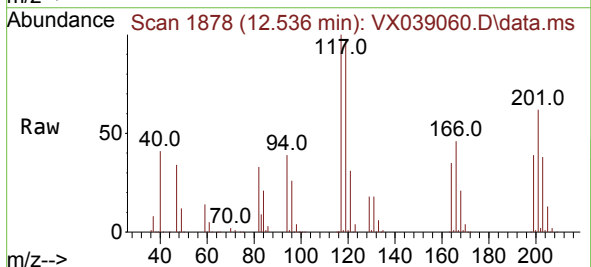
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

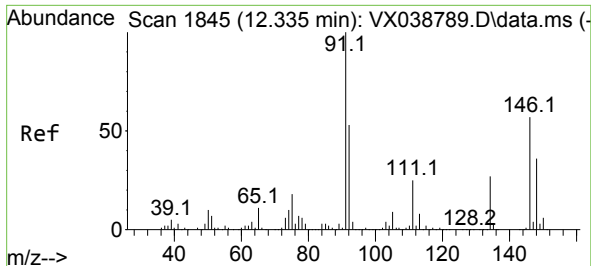
Tgt Ion: 91 Resp: 395567  
Ion Ratio Lower Upper  
91 100  
92 52.5 27.4 82.0  
134 23.8 12.6 37.8



#90  
Hexachloroethane  
Concen: 50.146 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 117 Resp: 74438  
Ion Ratio Lower Upper  
117 100  
201 63.2 32.9 98.6

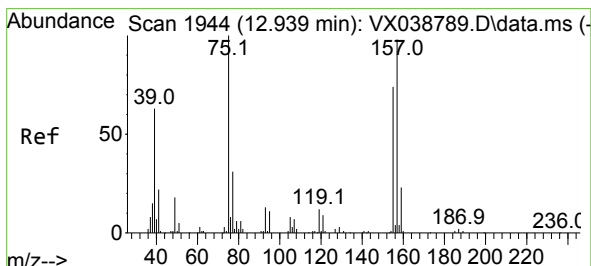
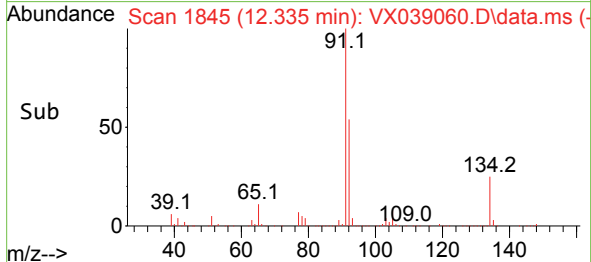
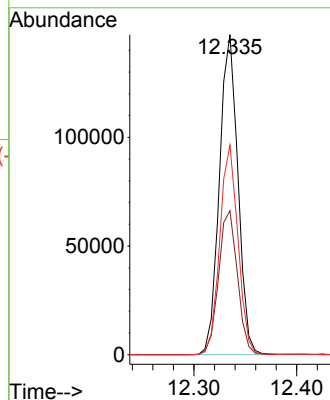
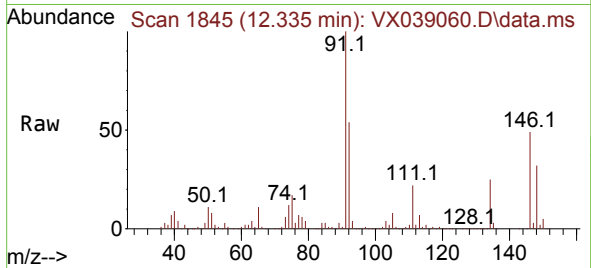




#91  
1,2-Dichlorobenzene  
Concen: 51.547 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

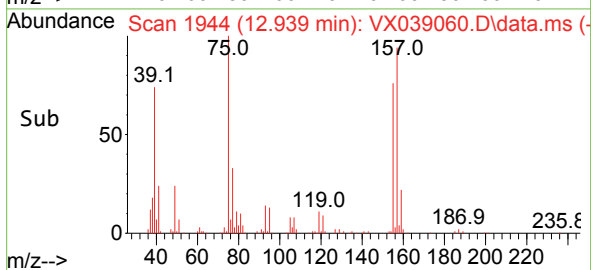
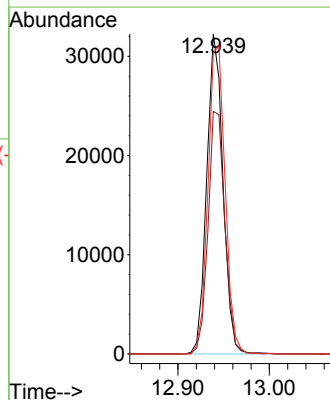
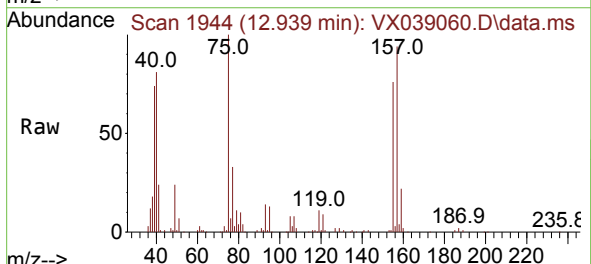
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050

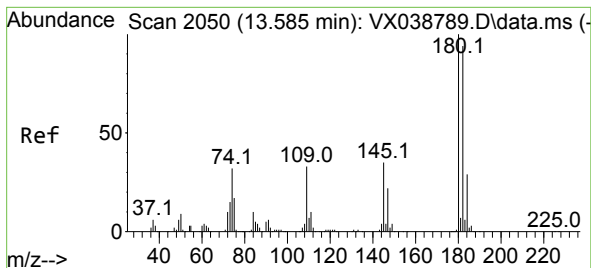
Tgt Ion:146 Resp: 183906  
Ion Ratio Lower Upper  
146 100  
111 46.0 22.4 67.0  
148 64.5 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 48.566 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. 0.000 min  
Lab File: VX039060.D  
Acq: 30 Nov 2023 11:42

Tgt Ion: 75 Resp: 39708  
Ion Ratio Lower Upper  
75 100  
155 78.8 36.1 108.5  
157 101.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.994 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

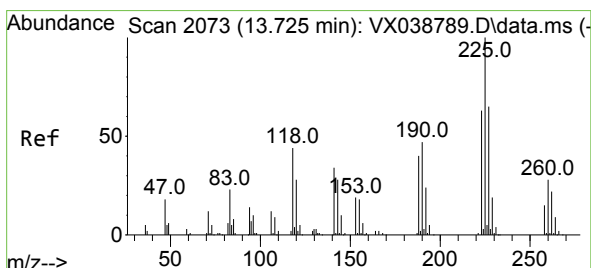
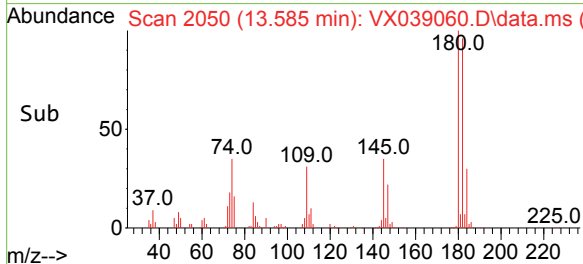
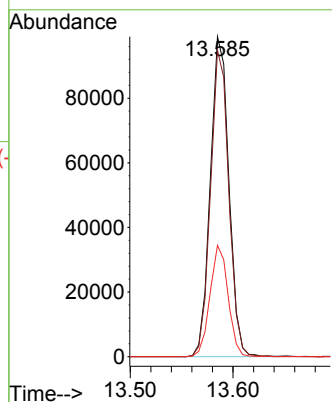
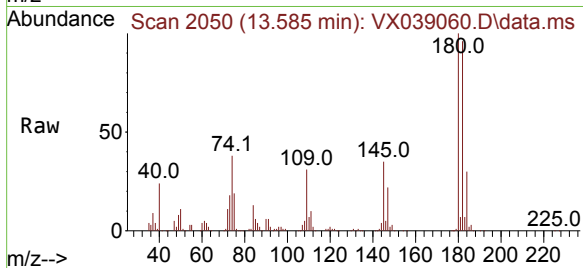
Tgt Ion:180 Resp: 124305

Ion Ratio Lower Upper

180 100

182 94.2 48.3 144.8

145 34.0 18.0 54.0



#94

Hexachlorobutadiene

Concen: 55.551 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

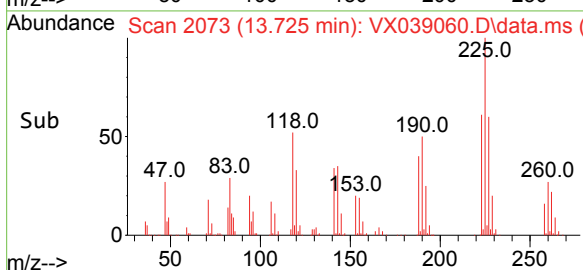
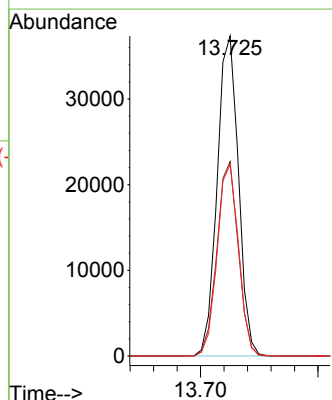
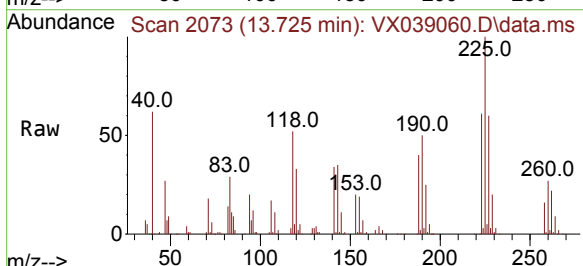
Tgt Ion:225 Resp: 47032

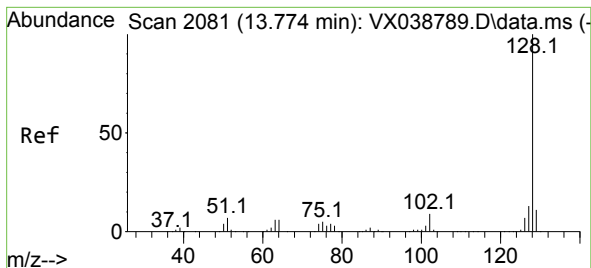
Ion Ratio Lower Upper

225 100

223 60.7 31.1 93.2

227 59.8 32.5 97.5





#95

Naphthalene

Concen: 50.250 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

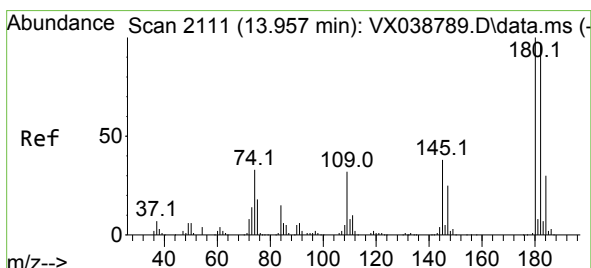
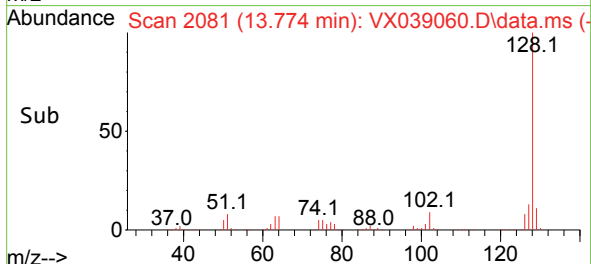
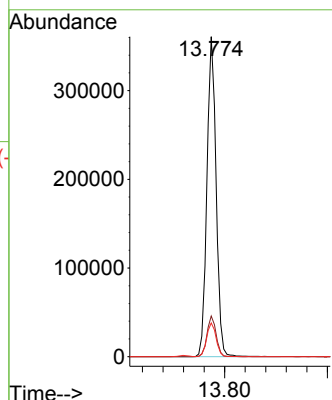
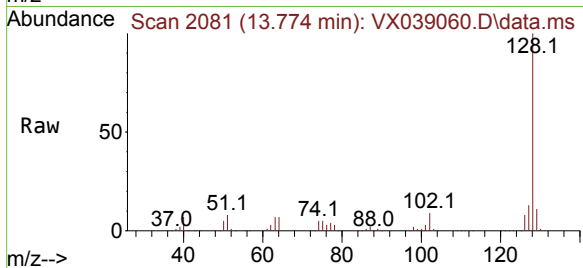
Tgt Ion:128 Resp: 447438

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 52.667 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039060.D

Acq: 30 Nov 2023 11:42

Tgt Ion:180 Resp: 119361

Ion Ratio Lower Upper

180 100

182 95.2 46.9 140.6

145 35.9 17.8 53.5

