

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062424\  
 Data File : VX041994.D  
 Acq On : 24 Jun 2024 09:10  
 Operator : JC/MD  
 Sample : VSTDC0020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDC0020

Quant Time: Jun 25 05:54:54 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X061424W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Jun 15 04:02:59 2024  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response             | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|----------------------|---------|--------|----------|
| -----                        |                |      |                      |         |        |          |
| Internal Standards           |                |      |                      |         |        |          |
| 1) Bromochloromethane        | 4.903          | 128  | 30838                | 30.000  | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.757          | 114  | 189631               | 30.000  | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.055         | 117  | 176767               | 30.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                      |         |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.952          | 65   | 72889                | 34.335  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = 114.467%# |         |        |          |
| 60) 4-Bromofluorobenzene     | 11.079         | 95   | 83288                | 30.439  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = 101.467%  |         |        |          |
| 63) Toluene-d8               | 8.647          | 98   | 233521               | 30.878  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = 102.933%  |         |        |          |
| Target Compounds             |                |      |                      |         |        |          |
|                              |                |      |                      |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 40328                | 20.202  | ug/l   | 98       |
| 3) Chloromethane             | 1.300          | 50   | 43164                | 19.343  | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.374          | 62   | 41019                | 18.797  | ug/l   | 99       |
| 5) Bromomethane              | 1.599          | 94   | 21250                | 18.217  | ug/l   | 99       |
| 6) Chloroethane              | 1.666          | 64   | 22783                | 24.437  | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 1.874          | 101  | 58687                | 21.355  | ug/l   | 100      |
| 8) Diethyl Ether             | 2.136          | 74   | 23278                | 19.572  | ug/l   | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319          | 101  | 37608                | 20.130  | ug/l   | 100      |
| 10) 1,1-Dichloroethene       | 2.306          | 96   | 35854                | 19.024  | ug/l   | 97       |
| 11) Methyl Iodide            | 2.447          | 142  | 41400                | 16.878  | ug/l   | 98       |
| 12) Methyl Acetate           | 2.709          | 43   | 50174                | 20.881  | ug/l   | 98       |
| 13) Acrolein                 | 2.239          | 56   | 38407                | 79.273  | ug/l   | 100      |
| 14) Acrylonitrile            | 3.068          | 53   | 113438               | 99.468  | ug/l   | 99       |
| 15) Acetone                  | 2.386          | 58   | 34642                | 106.184 | ug/l   | 99       |
| 16) Carbon Disulfide         | 2.501          | 76   | 76302                | 18.474  | ug/l   | 99       |
| 17) Allyl chloride           | 2.654          | 41   | 58172                | 20.324  | ug/l   | 97       |
| 18) Methylene Chloride       | 2.788          | 84   | 40416                | 18.696  | ug/l   | 96       |
| 19) trans-1,2-Dichloroethene | 3.087          | 96   | 36295                | 19.225  | ug/l   | 99       |
| 20) Diisopropyl ether        | 3.763          | 45   | 116488               | 19.800  | ug/l   | 99       |
| 21) 1,1-Dichloroethane       | 3.605          | 63   | 66560                | 19.806  | ug/l   | 100      |
| 22) cis-1,2-Dichloroethene   | 4.483          | 96   | 43446                | 19.011  | ug/l   | 97       |
| 23) tert-Butyl Alcohol       | 2.989          | 59   | 41157                | 97.068  | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 3.117          | 73   | 112618               | 19.317  | ug/l   | 99       |
| 25) Chloroform               | 5.086          | 83   | 68816                | 20.149  | ug/l   | 98       |
| 26) Cyclohexane              | 5.458          | 56   | 55625                | 19.057  | ug/l # | 98       |
| 29) 1,1-Dichloropropene      | 5.690          | 75   | 44093                | 17.815  | ug/l   | 98       |
| 30) 2-Butanone               | 4.562          | 43   | 155968               | 94.313  | ug/l   | 99       |
| 31) 2,2-Dichloropropane      | 4.471          | 77   | 50621                | 18.666  | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 5.373          | 97   | 58212                | 18.555  | ug/l   | 99       |
| 33) Carbon Tetrachloride     | 5.666          | 117  | 49777                | 18.396  | ug/l   | 99       |
| 34) Benzene                  | 6.031          | 78   | 148104               | 17.963  | ug/l   | 99       |
| 35) Methacrylonitrile        | 4.922          | 41   | 30807                | 18.547  | ug/l   | 98       |
| 36) 1,2-Dichloroethane       | 6.080          | 62   | 48208                | 18.769  | ug/l   | 98       |
| 37) Trichloroethene          | 7.123          | 130  | 40038                | 17.779  | ug/l   | 97       |
| 38) Methylcyclohexane        | 7.379          | 83   | 58137                | 17.734  | ug/l   | 99       |
| 39) 1,2-Dichloropropane      | 7.427          | 63   | 36318                | 18.492  | ug/l   | 100      |
| 40) Dibromomethane           | 7.580          | 93   | 26430                | 18.192  | ug/l   | 100      |
| 41) Bromodichloromethane     | 7.818          | 83   | 49151                | 18.884  | ug/l   | 99       |
| 42) Vinyl Acetate            | 3.721          | 43   | 512337               | 92.556  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062424\  
 Data File : VX041994.D  
 Acq On : 24 Jun 2024 09:10  
 Operator : JC/MD  
 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

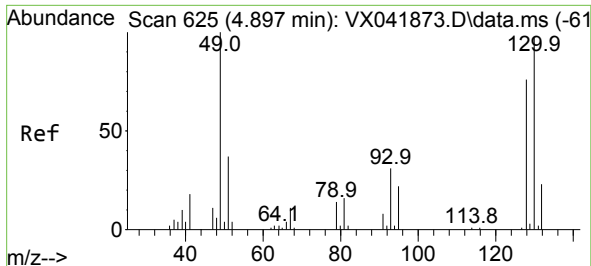
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

Quant Time: Jun 25 05:54:54 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X061424W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Jun 15 04:02:59 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 43) Ethyl Acetate             | 4.714  | 43   | 55123    | 17.777  | ug/l  | 99       |
| 44) Isopropyl Acetate         | 6.336  | 43   | 82640    | 17.794  | ug/l  | 99       |
| 45) 1,4-Dioxane               | 7.665  | 88   | 17811    | 314.623 | ug/l  | 90       |
| 46) Methyl methacrylate       | 7.690  | 41   | 41108    | 18.103  | ug/l  | 97       |
| 47) n-amyl Acetate            | 10.841 | 43   | 71914    | 17.253  | ug/l  | 100      |
| 48) t-1,3-Dichloropropene     | 8.976  | 75   | 47513    | 17.730  | ug/l  | 99       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 54992    | 18.294  | ug/l  | 99       |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 39370    | 18.637  | ug/l  | 97       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 57911    | 17.257  | ug/l  | 98       |
| 52) 1,3-Dichloropropane       | 9.305  | 76   | 63608    | 18.418  | ug/l  | 99       |
| 53) Dibromochloromethane      | 9.518  | 129  | 42959    | 18.582  | ug/l  | 99       |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 41153    | 18.473  | ug/l  | 99       |
| 55) 2-Chloroethyl vinyl ether | 8.238  | 63   | 138914   | 88.932  | ug/l  | 99       |
| 56) Bromoform                 | 10.799 | 173  | 33896    | 17.981  | ug/l  | 100      |
| 58) 4-Methyl-2-Pentanone      | 8.574  | 43   | 297218   | 93.833  | ug/l  | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 227212   | 92.937  | ug/l  | 100      |
| 61) Tetrachloroethene         | 9.269  | 164  | 39853    | 17.917  | ug/l  | 97       |
| 62) Toluene                   | 8.714  | 91   | 162821   | 18.202  | ug/l  | 100      |
| 64) Chlorobenzene             | 10.079 | 112  | 108091   | 17.745  | ug/l  | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 38680    | 18.387  | ug/l  | 99       |
| 66) Ethyl Benzene             | 10.195 | 91   | 173268   | 17.718  | ug/l  | 98       |
| 67) m/p-Xylenes               | 10.299 | 106  | 142371   | 36.193  | ug/l  | 99       |
| 68) o-Xylene                  | 10.640 | 106  | 69405    | 17.697  | ug/l  | 100      |
| 69) Styrene                   | 10.652 | 104  | 118110   | 18.022  | ug/l  | 99       |
| 70) Isopropylbenzene          | 10.957 | 105  | 179092   | 18.162  | ug/l  | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 62481    | 18.309  | ug/l  | 99       |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 66033    | 23.889  | ug/l  | 89       |
| 73) Bromobenzene              | 11.195 | 156  | 51683    | 17.969  | ug/l  | 98       |
| 74) n-propylbenzene           | 11.305 | 91   | 195420   | 18.041  | ug/l  | 99       |
| 75) 2-Chlorotoluene           | 11.360 | 91   | 124465   | 18.095  | ug/l  | 99       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 150796   | 18.254  | ug/l  | 99       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 17640    | 17.251  | ug/l  | 92       |
| 78) 4-Chlorotoluene           | 11.451 | 91   | 138317   | 18.102  | ug/l  | 99       |
| 79) tert-butylbenzene         | 11.713 | 119  | 157496   | 17.961  | ug/l  | 99       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 150677   | 18.257  | ug/l  | 98       |
| 81) sec-Butylbenzene          | 11.890 | 105  | 187562   | 18.338  | ug/l  | 100      |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 162600   | 18.142  | ug/l  | 99       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 91583    | 17.858  | ug/l  | 100      |
| 84) 1,4-Dichlorobenzene       | 12.042 | 146  | 90229    | 17.675  | ug/l  | 99       |
| 85) n-Butylbenzene            | 12.329 | 91   | 125194   | 18.064  | ug/l  | 99       |
| 86) Hexachloroethane          | 12.536 | 117  | 27117    | 18.526  | ug/l  | 97       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 91913    | 17.721  | ug/l  | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 12533    | 17.755  | ug/l  | 98       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 59078    | 16.827  | ug/l  | 99       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 30748    | 17.773  | ug/l  | 98       |
| 91) Naphthalene               | 13.774 | 128  | 176004   | 16.591  | ug/l  | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 62248    | 17.120  | ug/l  | 99       |

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

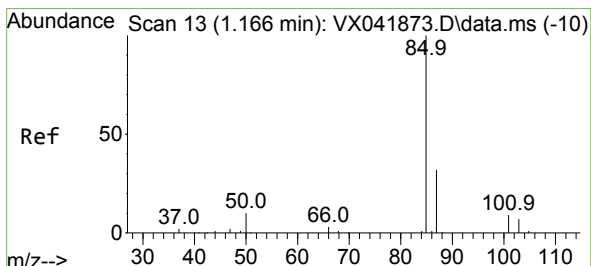
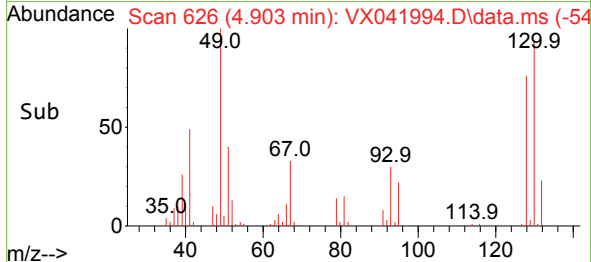
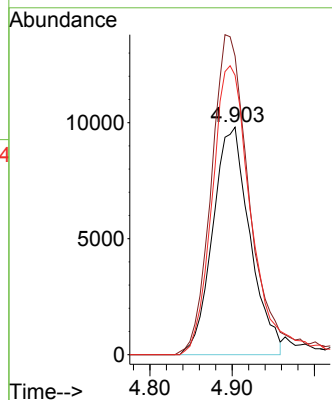
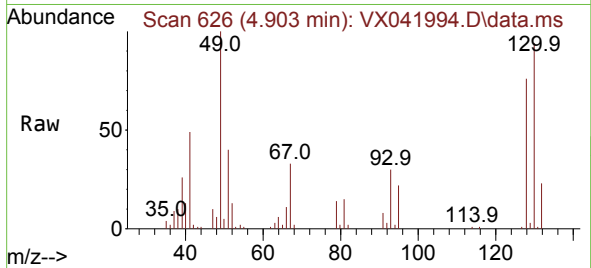




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.903 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

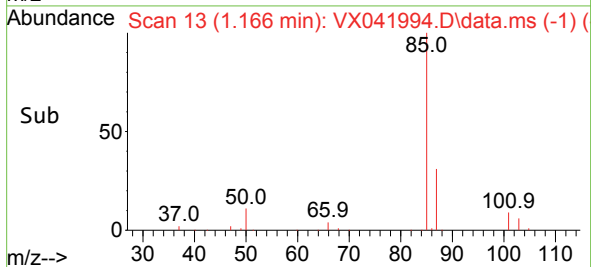
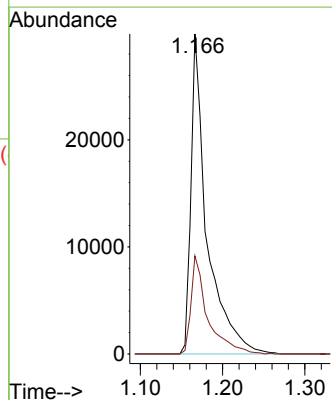
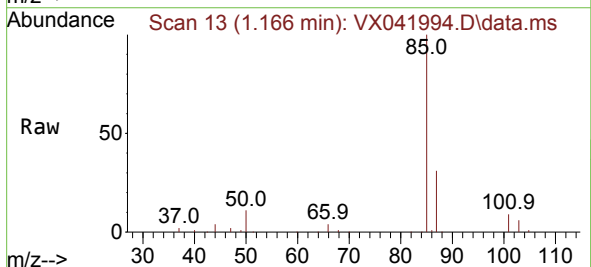
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

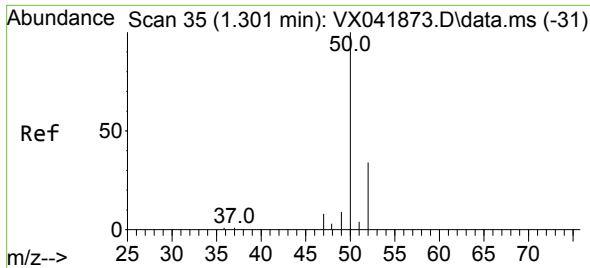
Tgt Ion:128 Resp: 30838  
Ion Ratio Lower Upper  
128 100  
49 144.3 0.0 338.5  
130 132.5 0.0 324.5



#2  
Dichlorodifluoromethane  
Concen: 20.202 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 85 Resp: 40328  
Ion Ratio Lower Upper  
85 100  
87 30.6 15.8 47.3

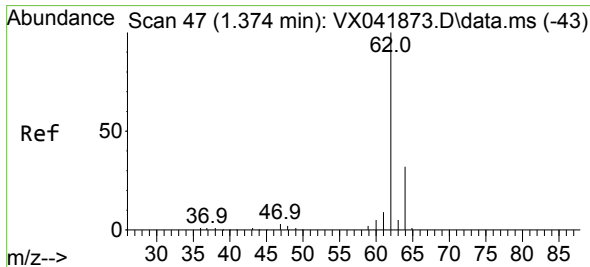
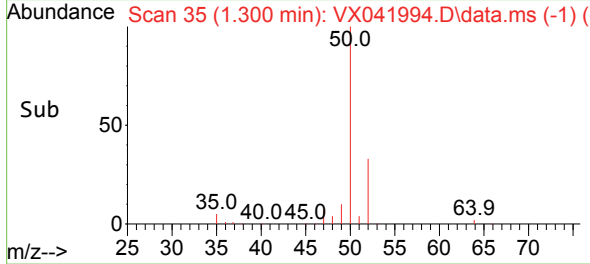
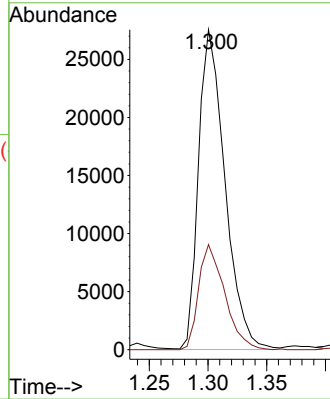
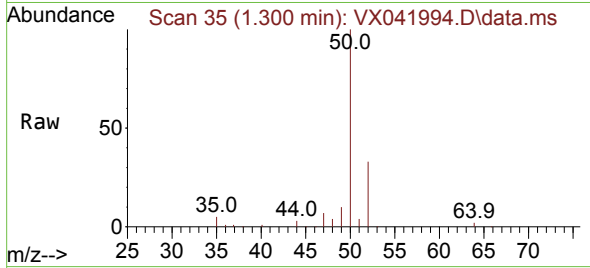




#3  
Chloromethane  
Concen: 19.343 ug/l  
RT: 1.300 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

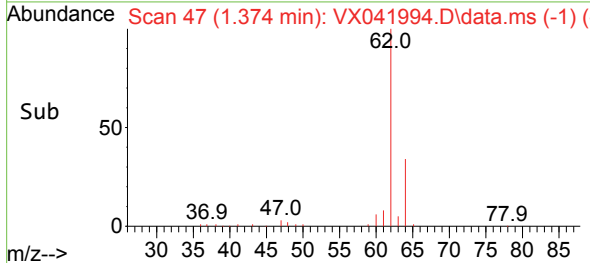
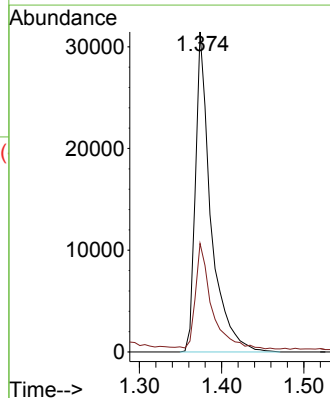
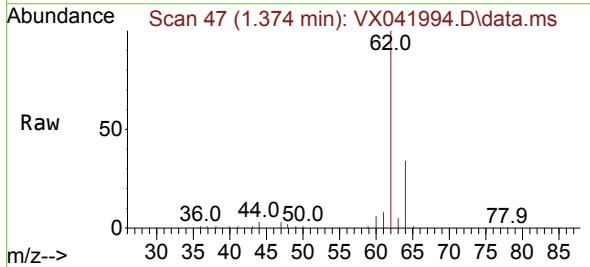
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

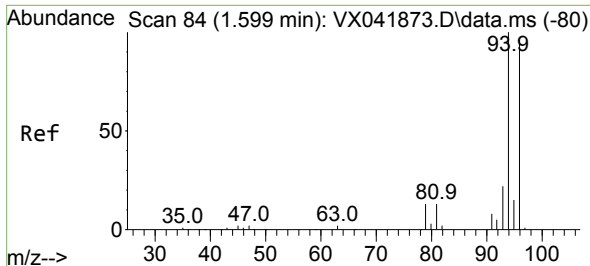
Tgt Ion: 50 Resp: 43164  
Ion Ratio Lower Upper  
50 100  
52 32.9 26.9 40.3



#4  
Vinyl Chloride  
Concen: 18.797 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 62 Resp: 41019  
Ion Ratio Lower Upper  
62 100  
64 32.9 26.1 39.1

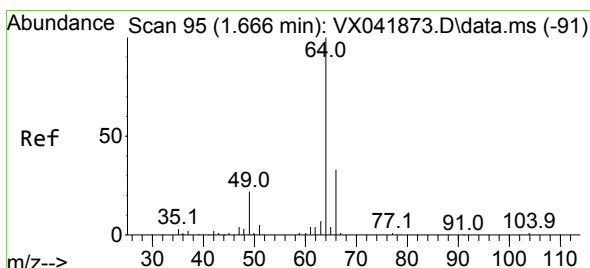
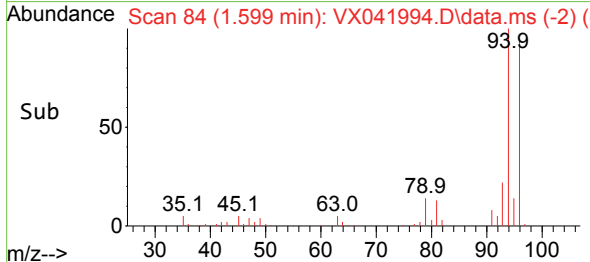
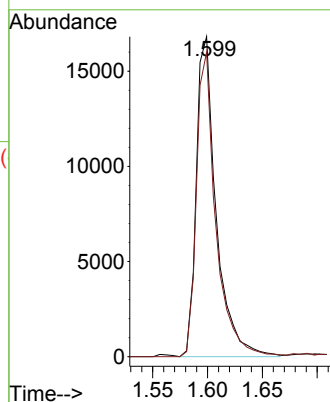
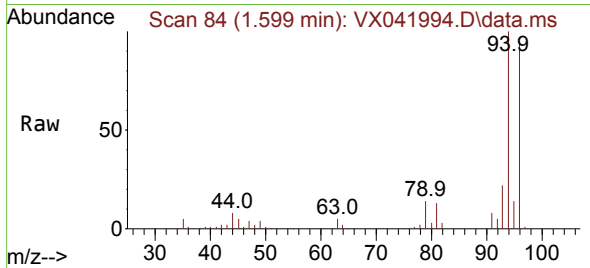




#5  
Bromomethane  
Concen: 18.217 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

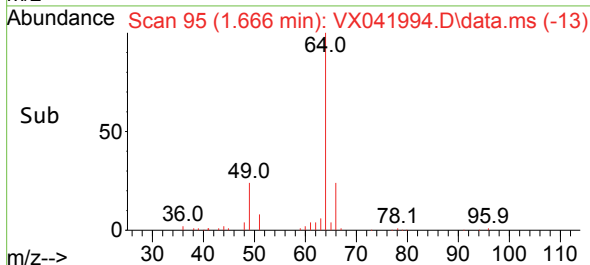
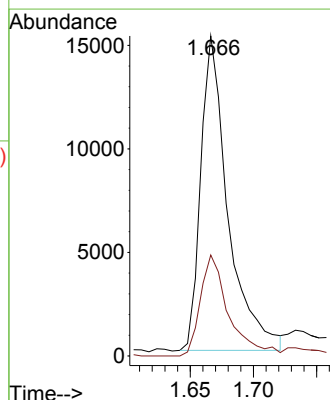
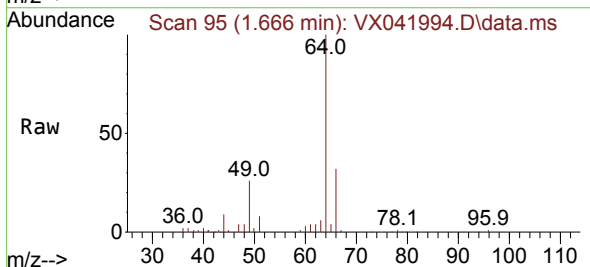
Instrument :  
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ClientSampleId :  
VSTDCCC020

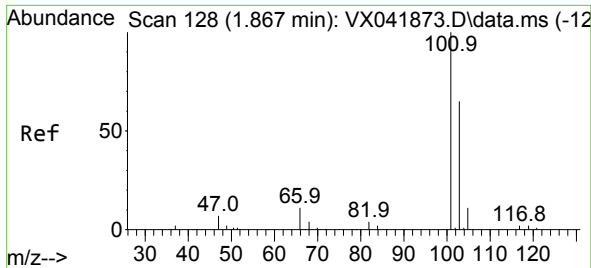
Tgt Ion: 94 Resp: 21250  
Ion Ratio Lower Upper  
94 100  
96 95.2 76.6 115.0



#6  
Chloroethane  
Concen: 24.437 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 64 Resp: 22783  
Ion Ratio Lower Upper  
64 100  
66 32.1 26.4 39.6

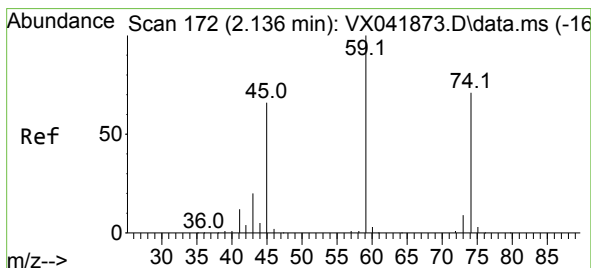
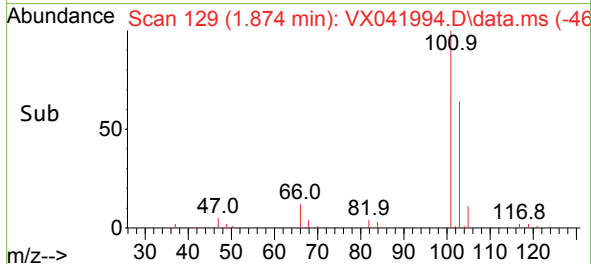
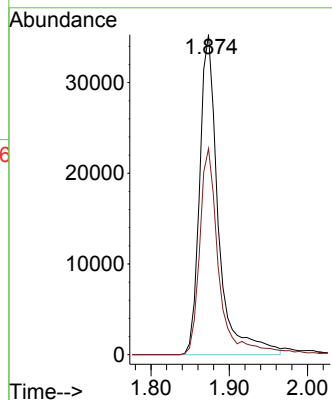
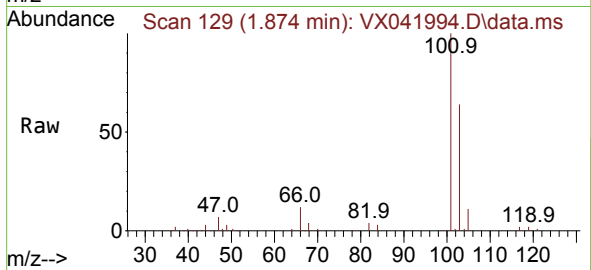




#7  
Trichlorofluoromethane  
Concen: 21.355 ug/l  
RT: 1.874 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

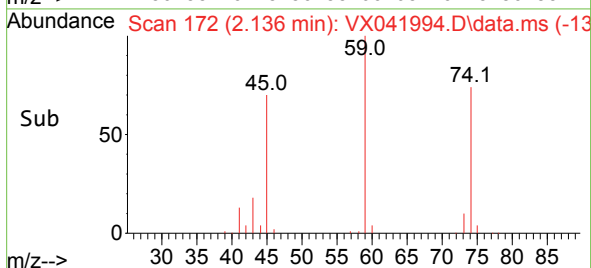
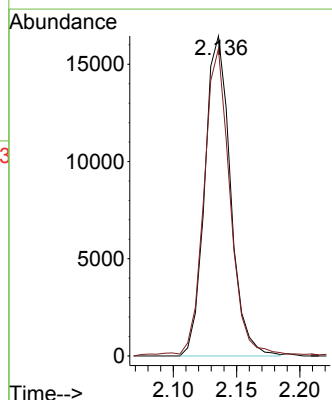
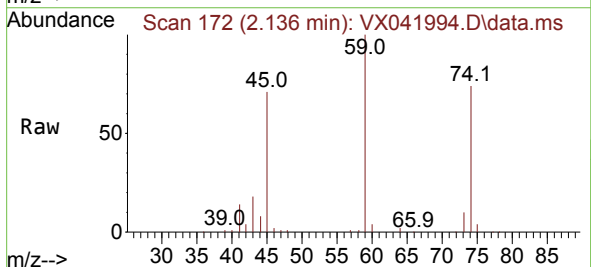
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

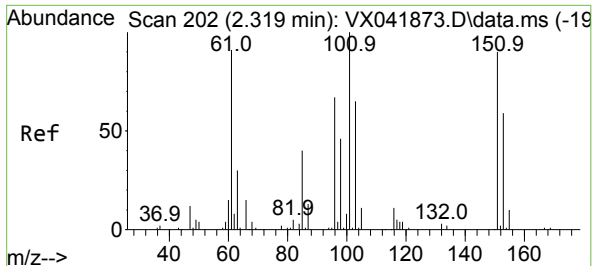
Tgt Ion:101 Resp: 58687  
Ion Ratio Lower Upper  
101 100  
103 64.4 51.8 77.8



#8  
Diethyl Ether  
Concen: 19.572 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 74 Resp: 23278  
Ion Ratio Lower Upper  
74 100  
45 97.4 18.7 168.7

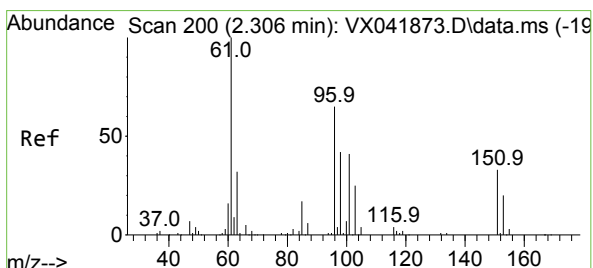
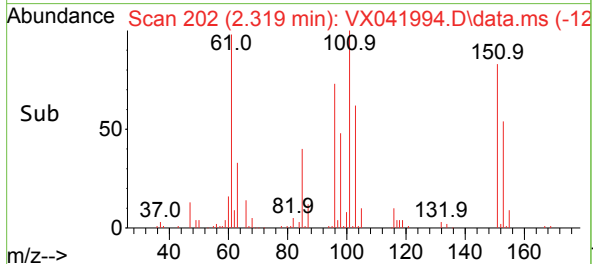
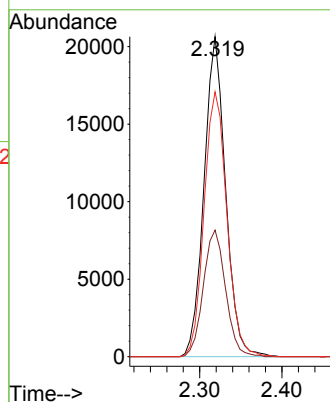
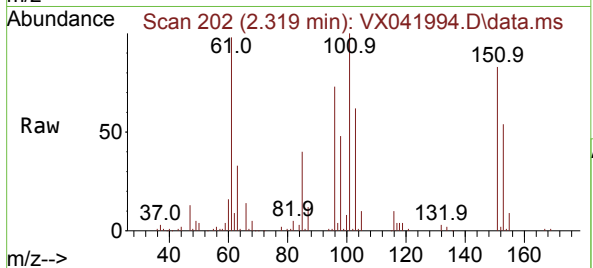




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.130 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

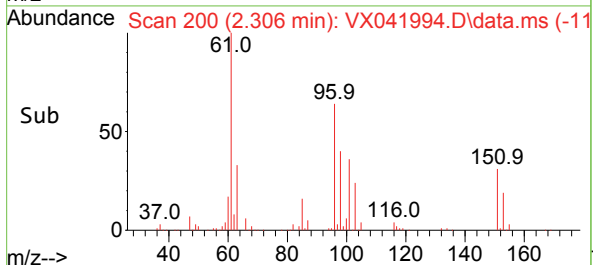
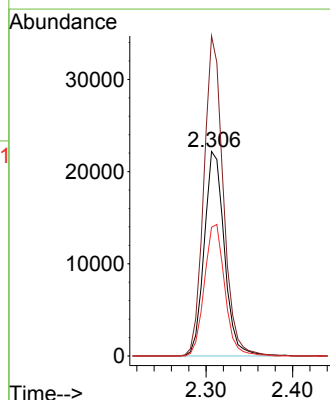
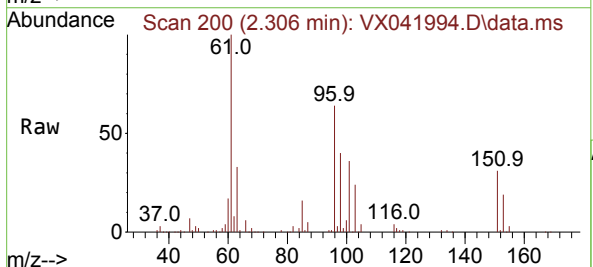
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

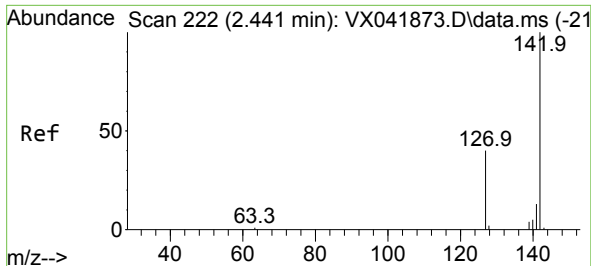
Tgt Ion:101 Resp: 37608  
Ion Ratio Lower Upper  
101 100  
85 40.8 0.0 80.4  
151 87.4 0.0 175.2



#10  
1,1-Dichloroethene  
Concen: 19.024 ug/l  
RT: 2.306 min Scan# 200  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 96 Resp: 35854  
Ion Ratio Lower Upper  
96 100  
61 156.5 122.3 183.5  
98 63.0 51.5 77.3

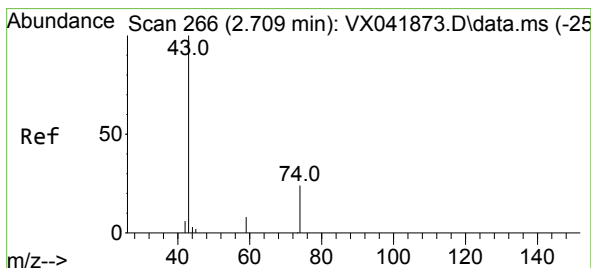
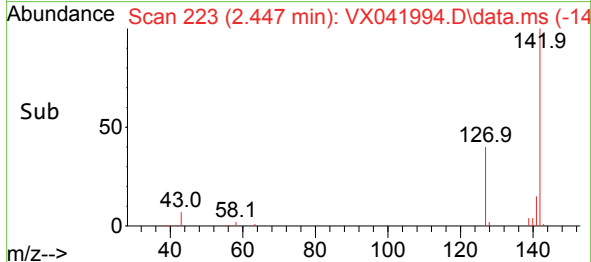
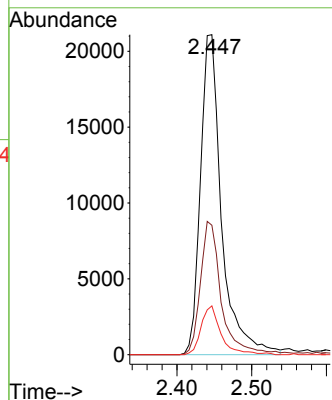
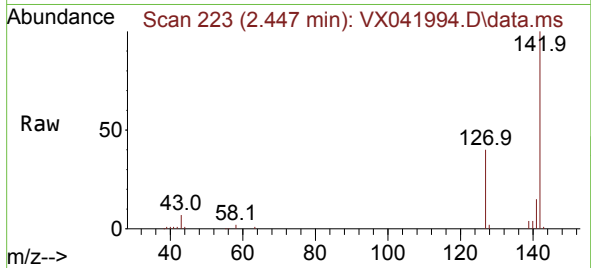




#11  
Methyl Iodide  
Concen: 16.878 ug/l  
RT: 2.447 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

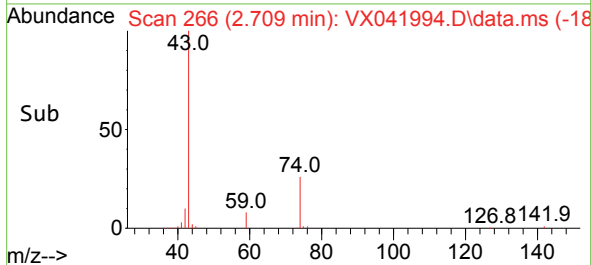
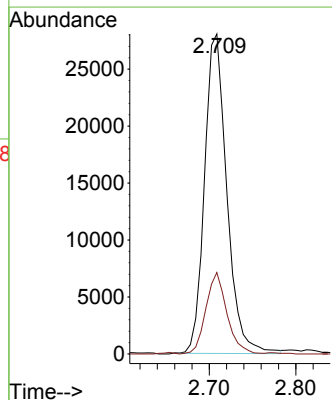
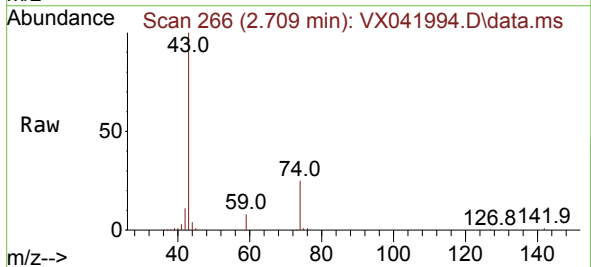
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

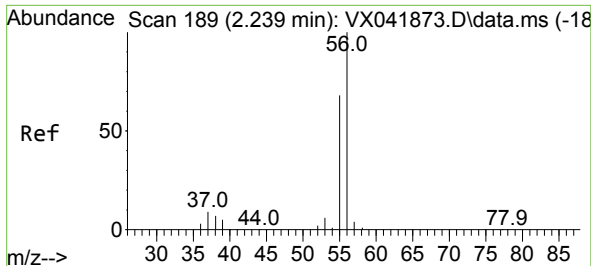
Tgt Ion:142 Resp: 41400  
Ion Ratio Lower Upper  
142 100  
127 40.5 19.8 59.3  
141 15.4 6.7 20.1



#12  
Methyl Acetate  
Concen: 20.881 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 43 Resp: 50174  
Ion Ratio Lower Upper  
43 100  
74 25.5 19.4 29.2

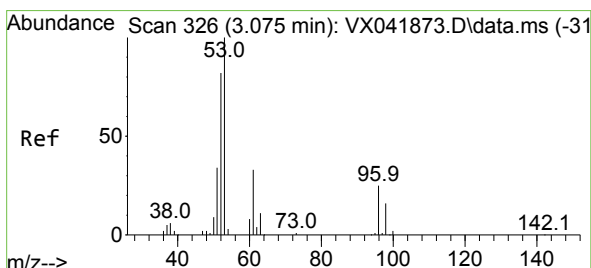
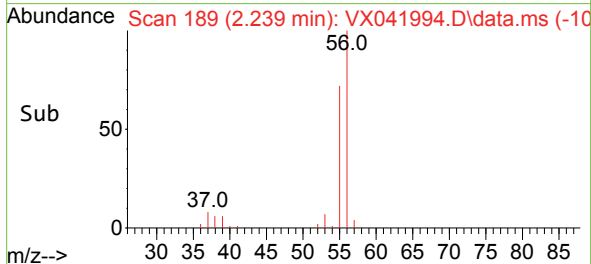
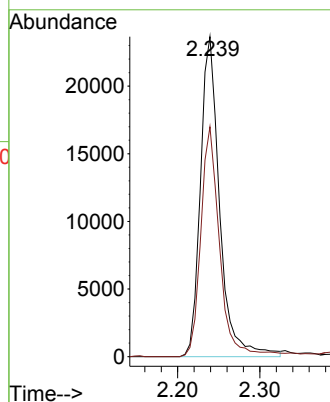
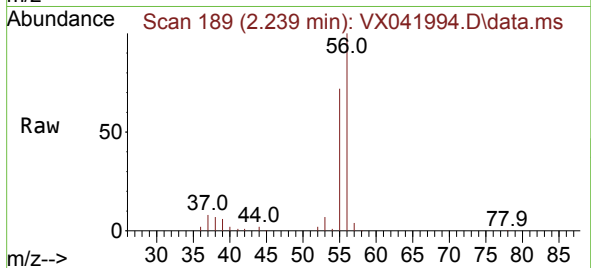




#13  
Acrolein  
Concen: 79.273 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

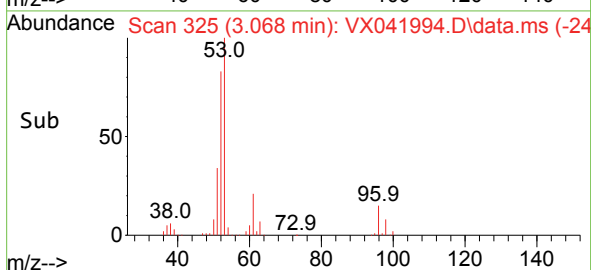
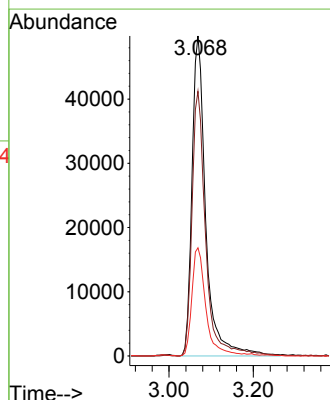
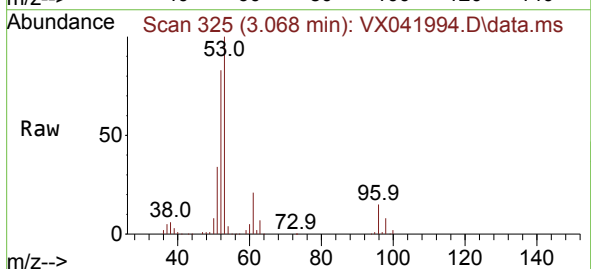
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

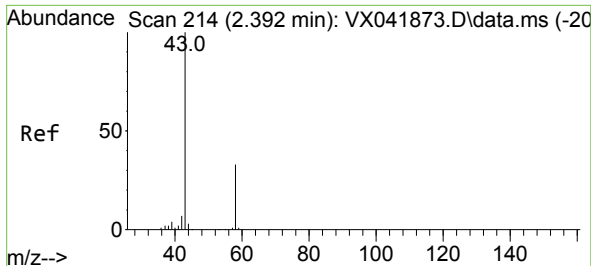
Tgt Ion: 56 Resp: 38407  
Ion Ratio Lower Upper  
56 100  
55 69.0 55.4 83.0



#14  
Acrylonitrile  
Concen: 99.468 ug/l  
RT: 3.068 min Scan# 325  
Delta R.T. -0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 53 Resp: 113438  
Ion Ratio Lower Upper  
53 100  
52 78.8 39.9 119.7  
51 34.2 17.4 52.3

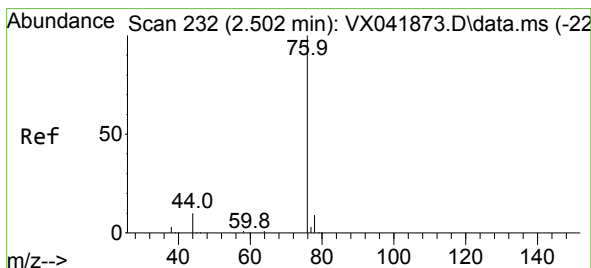
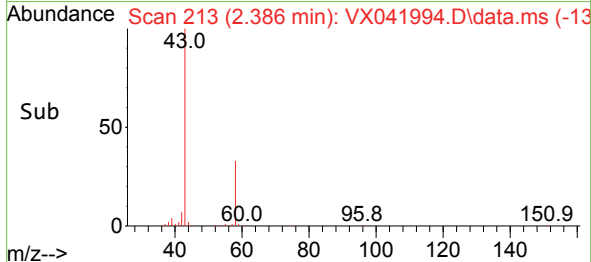
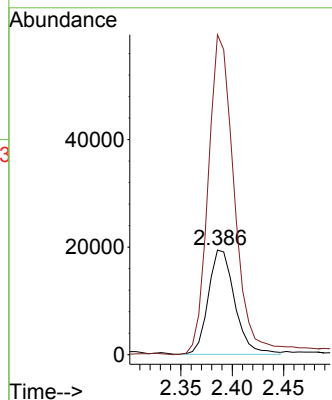
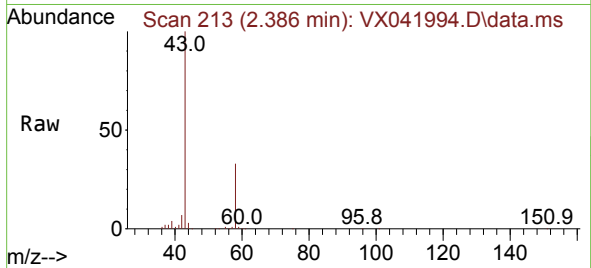




#15  
Acetone  
Concen: 106.184 ug/l  
RT: 2.386 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

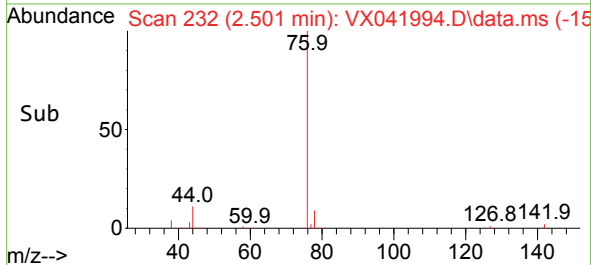
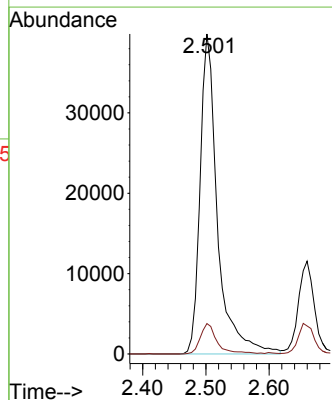
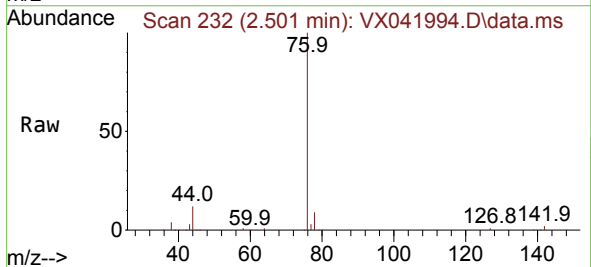
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

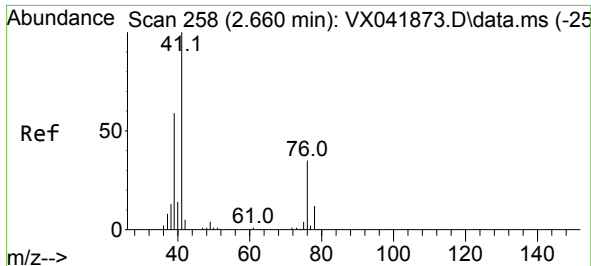
Tgt Ion: 58 Resp: 34642  
Ion Ratio Lower Upper  
58 100  
43 306.6 243.4 365.2



#16  
Carbon Disulfide  
Concen: 18.474 ug/l  
RT: 2.501 min Scan# 232  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 76 Resp: 76302  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.3 10.9





#17

Allyl chloride

Concen: 20.324 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

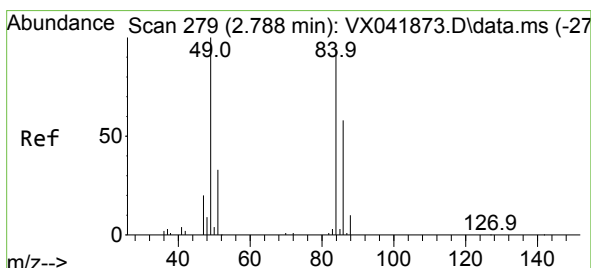
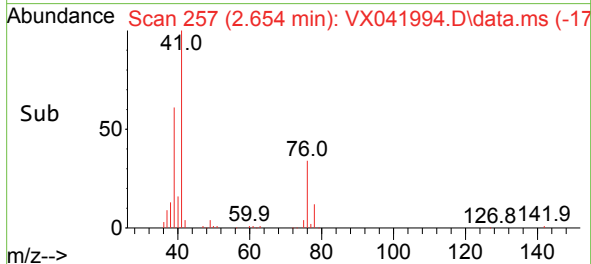
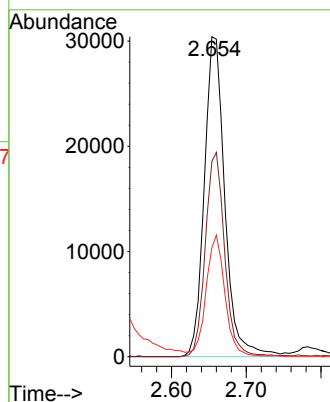
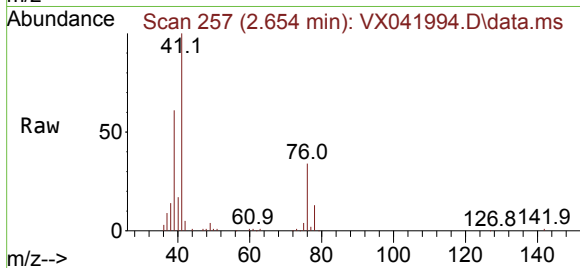
Tgt Ion: 41 Resp: 58172

Ion Ratio Lower Upper

41 100

39 61.0 29.6 88.8

76 33.9 18.1 54.4



#18

Methylene Chloride

Concen: 18.696 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

Tgt Ion: 84 Resp: 40416

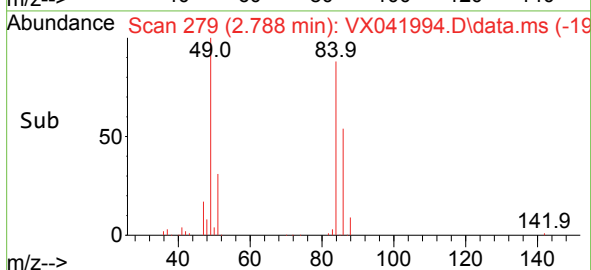
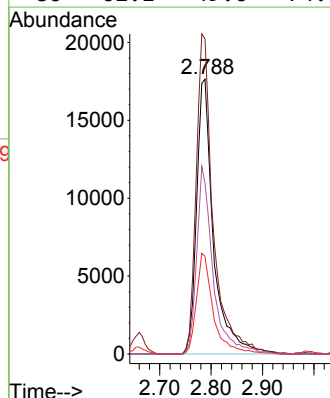
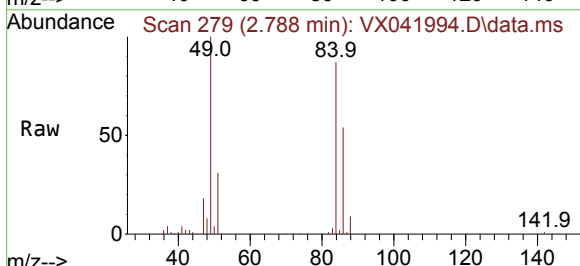
Ion Ratio Lower Upper

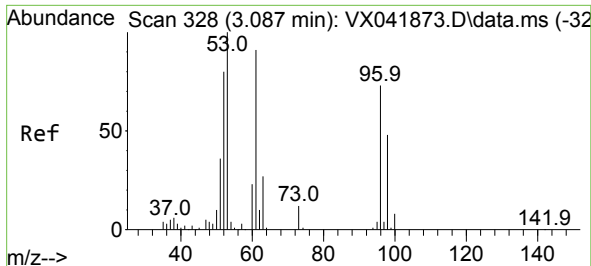
84 100

49 114.6 85.3 127.9

51 35.5 28.5 42.7

86 62.1 49.6 74.4

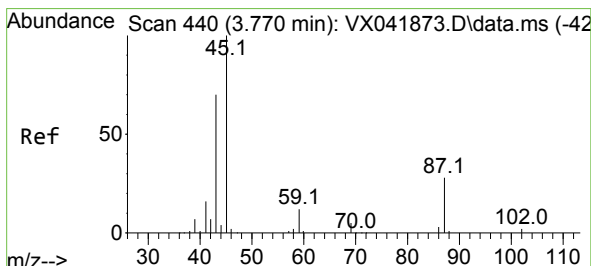
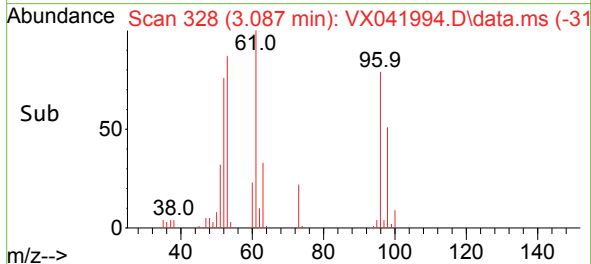
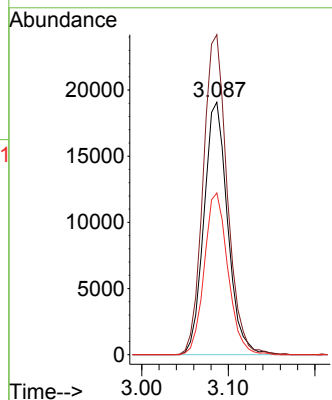
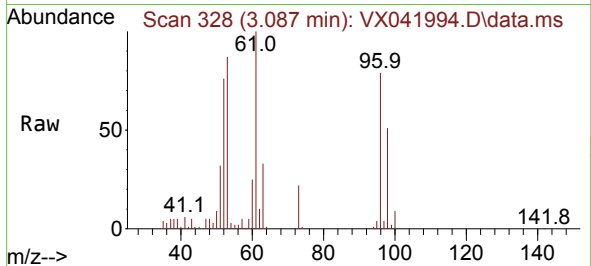




#19  
trans-1,2-Dichloroethene  
Concen: 19.225 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

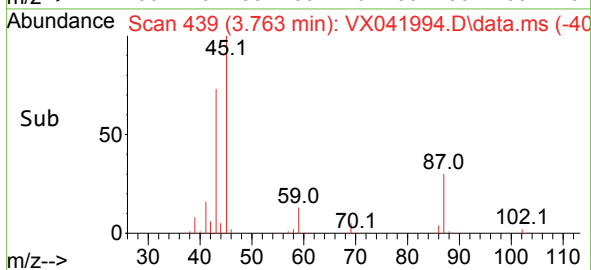
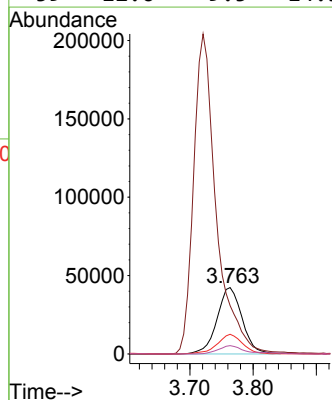
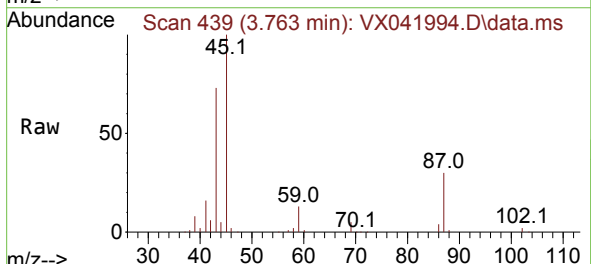
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

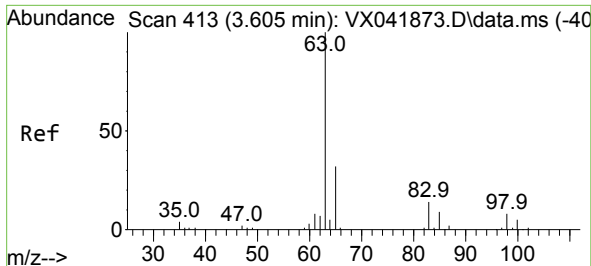
Tgt Ion: 96 Resp: 36295  
Ion Ratio Lower Upper  
96 100  
61 126.5 100.1 150.1  
98 64.1 52.1 78.1



#20  
Diisopropyl ether  
Concen: 19.800 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. -0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 45 Resp: 116488  
Ion Ratio Lower Upper  
45 100  
43 69.9 55.8 83.8  
87 29.7 22.6 34.0  
59 12.6 9.5 14.3

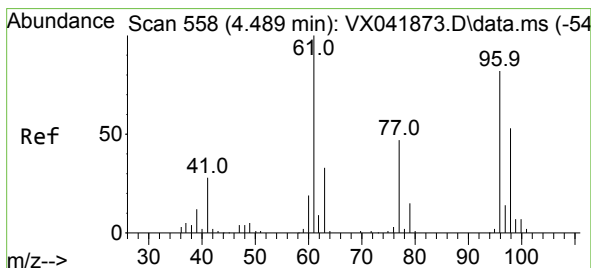
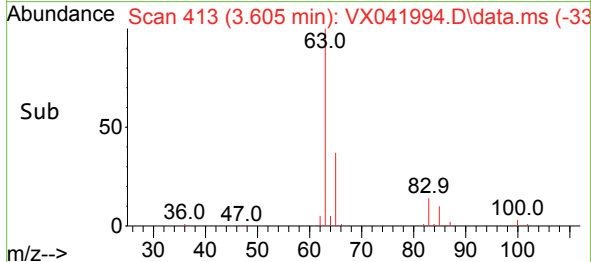
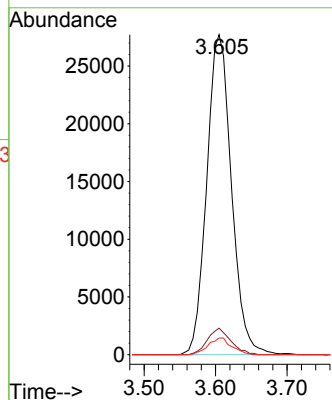
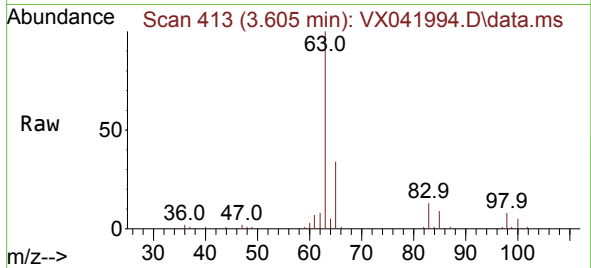




#21  
1,1-Dichloroethane  
Concen: 19.806 ug/l  
RT: 3.605 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

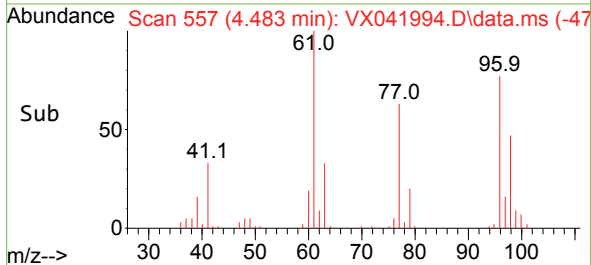
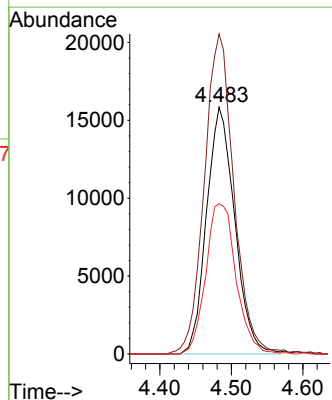
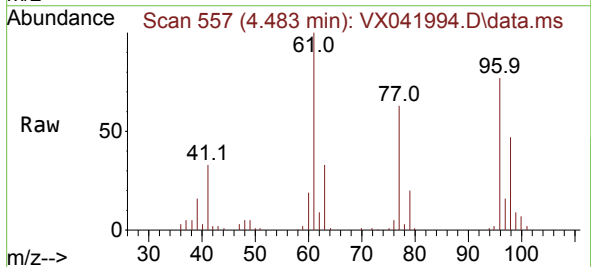
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

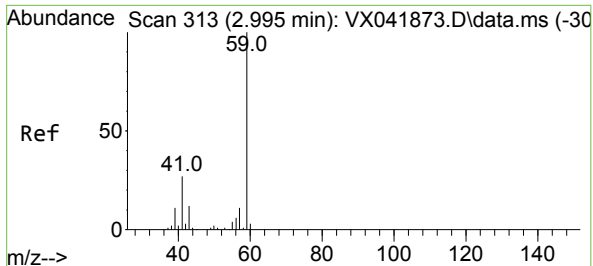
Tgt Ion: 63 Resp: 66560  
Ion Ratio Lower Upper  
63 100  
98 8.3 4.2 12.4  
100 5.2 2.5 7.4



#22  
cis-1,2-Dichloroethene  
Concen: 19.011 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. -0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 96 Resp: 43446  
Ion Ratio Lower Upper  
96 100  
61 135.0 103.3 154.9  
98 65.1 52.2 78.2

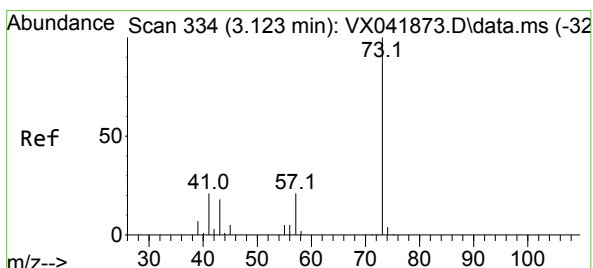
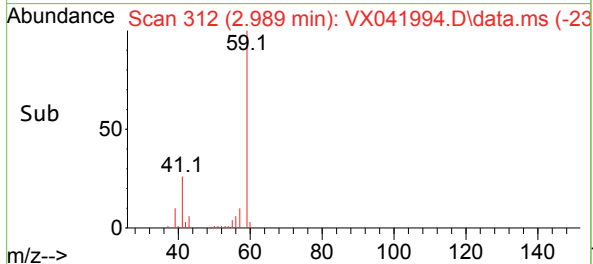
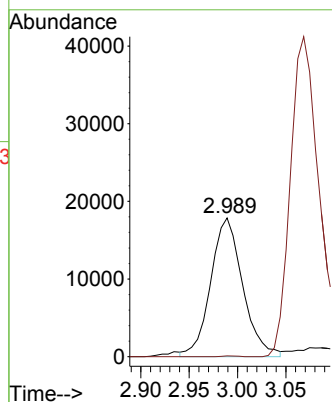
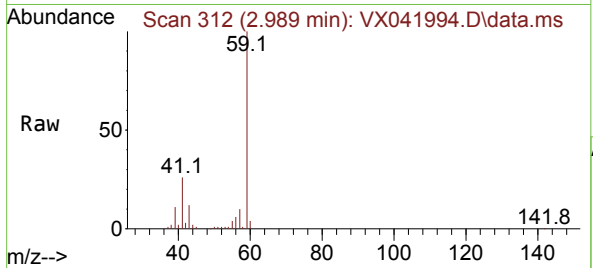




#23  
tert-Butyl Alcohol  
Concen: 97.068 ug/l  
RT: 2.989 min Scan# 313  
Delta R.T. -0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

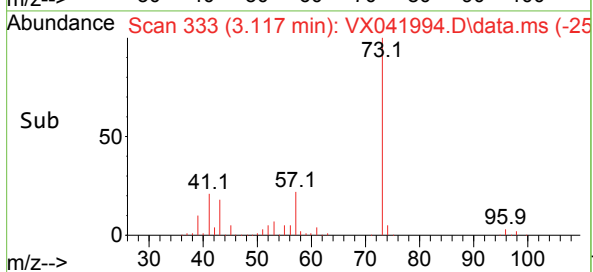
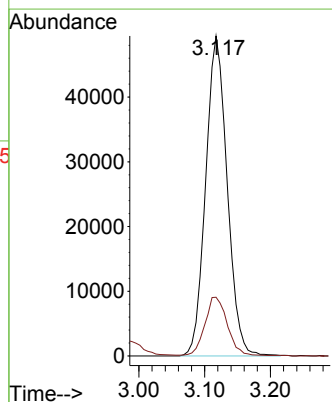
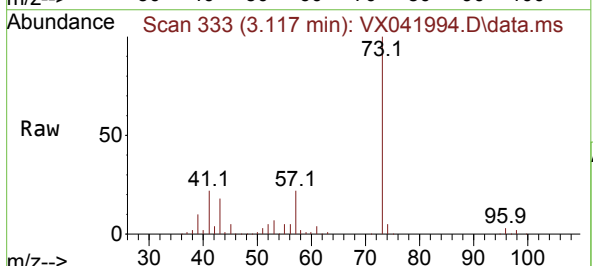
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

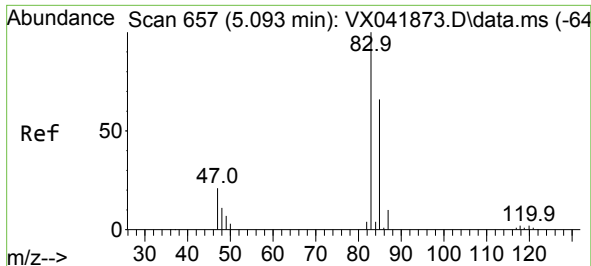
Tgt Ion: 59 Resp: 41157  
Ion Ratio Lower Upper  
59 100  
52 0.3 0.0 0.0#



#24  
Methyl tert-Butyl Ether  
Concen: 19.317 ug/l  
RT: 3.117 min Scan# 333  
Delta R.T. -0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 73 Resp: 112618  
Ion Ratio Lower Upper  
73 100  
43 19.4 15.1 22.7

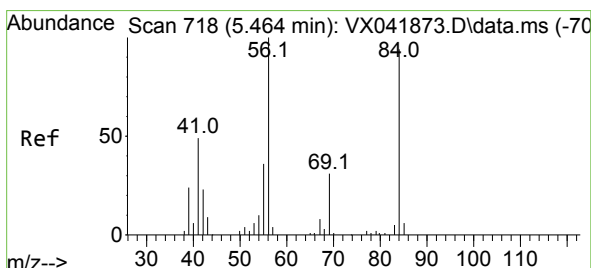
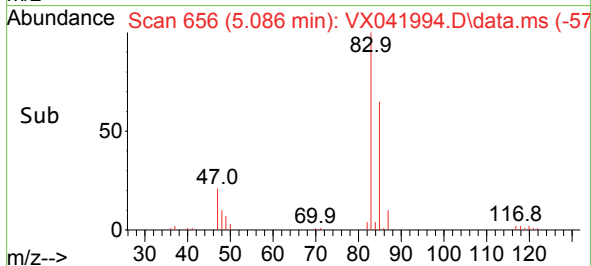
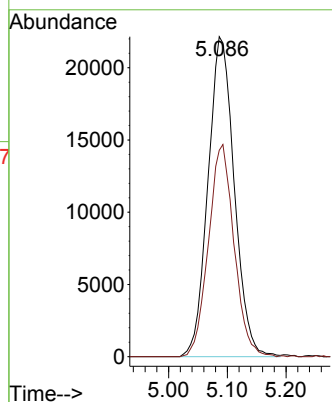
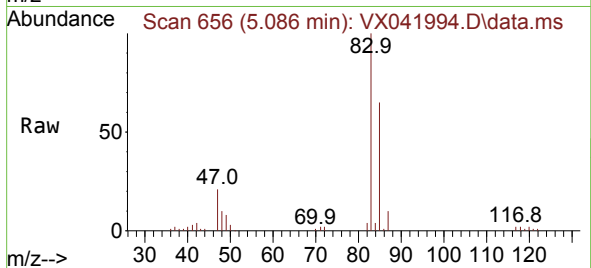




#25  
Chloroform  
Concen: 20.149 ug/l  
RT: 5.086 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

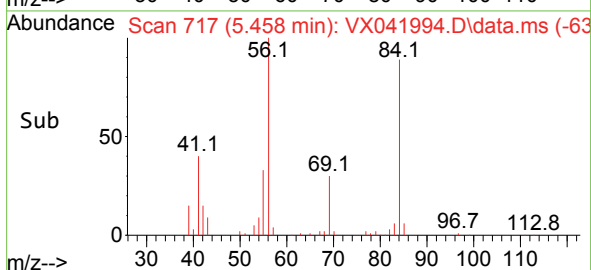
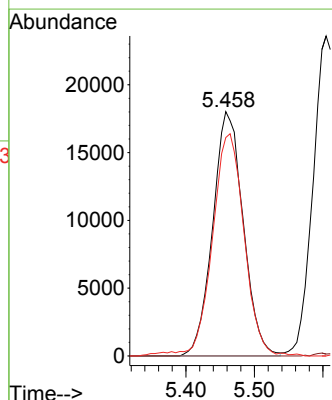
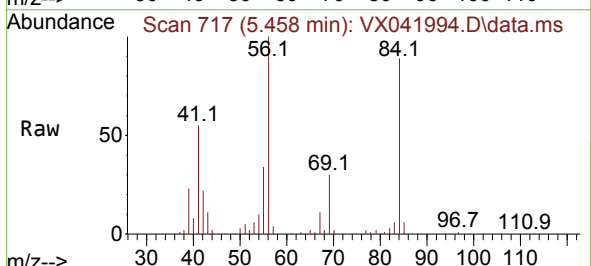
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

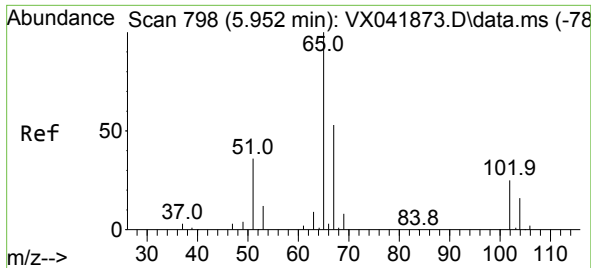
Tgt Ion: 83 Resp: 68816  
Ion Ratio Lower Upper  
83 100  
85 64.5 52.7 79.1



#26  
Cyclohexane  
Concen: 19.057 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. -0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 56 Resp: 55625  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 93.4 73.1 109.7

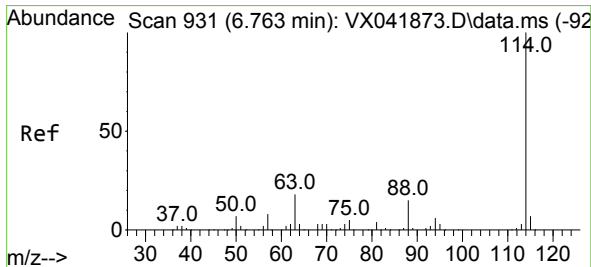
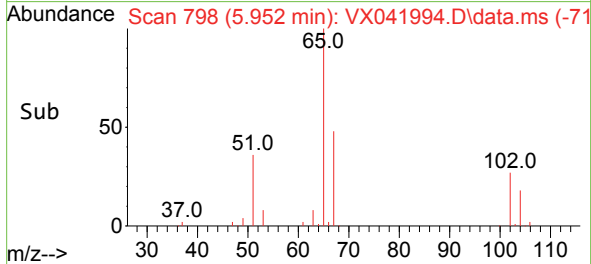
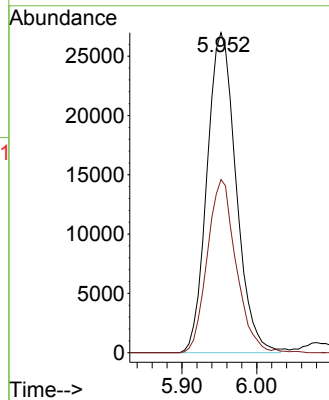
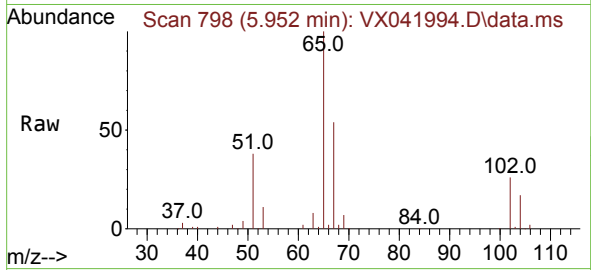




#27  
 1,2-Dichloroethane-d4  
 Concen: 34.335 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. -0.000 min  
 Lab File: VX041994.D  
 Acq: 24 Jun 2024 09:10

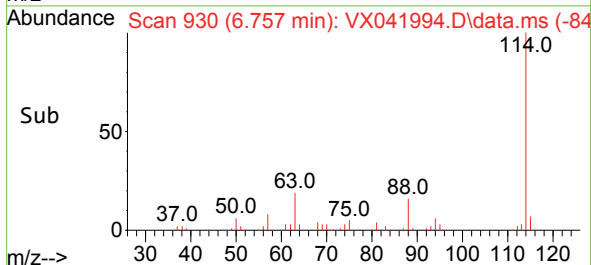
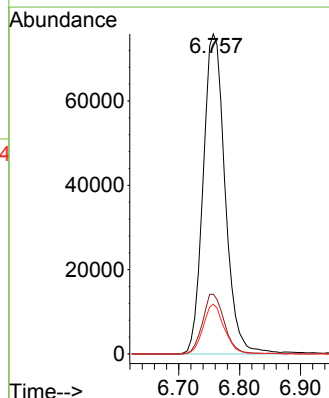
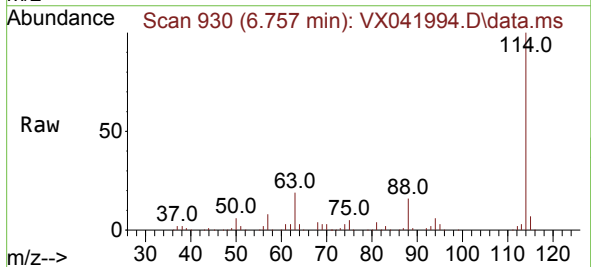
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

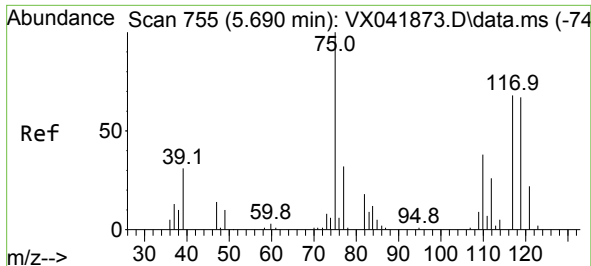
Tgt Ion: 65 Resp: 72889  
 Ion Ratio Lower Upper  
 65 100  
 67 53.3 43.4 65.0



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. -0.006 min  
 Lab File: VX041994.D  
 Acq: 24 Jun 2024 09:10

Tgt Ion: 114 Resp: 189631  
 Ion Ratio Lower Upper  
 114 100  
 63 18.6 14.6 21.8  
 88 15.0 11.8 17.8





#29

1,1-Dichloropropene

Concen: 17.815 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

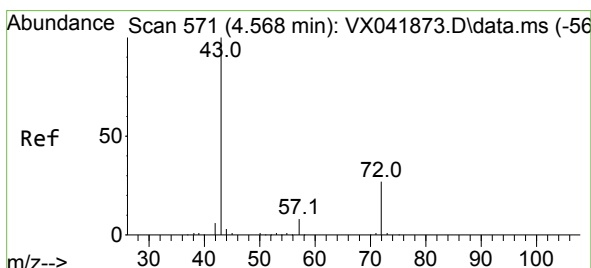
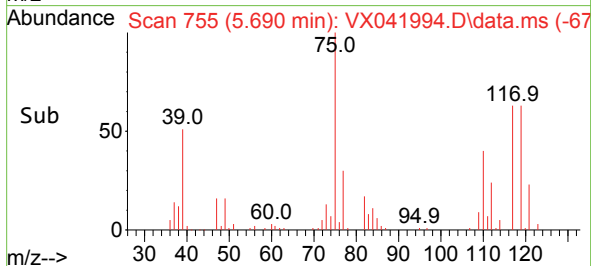
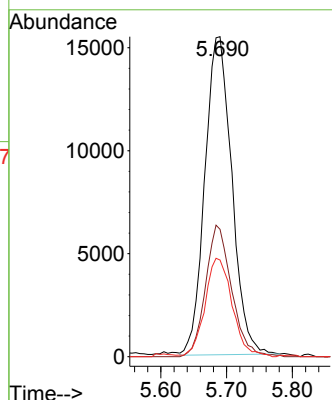
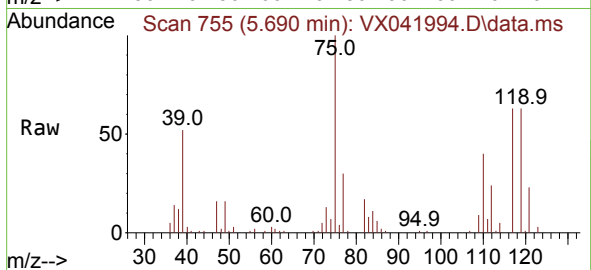
Tgt Ion: 75 Resp: 44093

Ion Ratio Lower Upper

75 100

110 39.7 0.0 80.2

77 31.1 0.0 65.2



#30

2-Butanone

Concen: 94.313 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.006 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

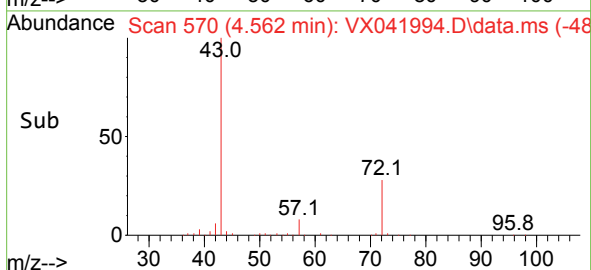
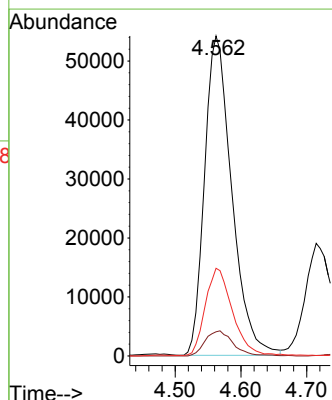
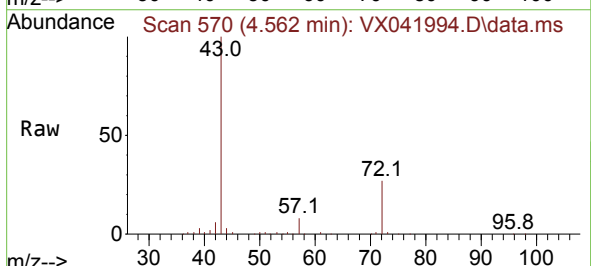
Tgt Ion: 43 Resp: 155968

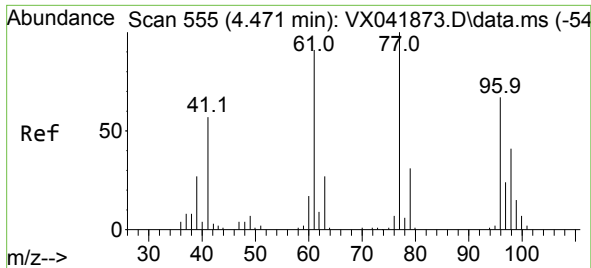
Ion Ratio Lower Upper

43 100

57 7.9 6.5 9.7

72 26.7 22.0 33.0

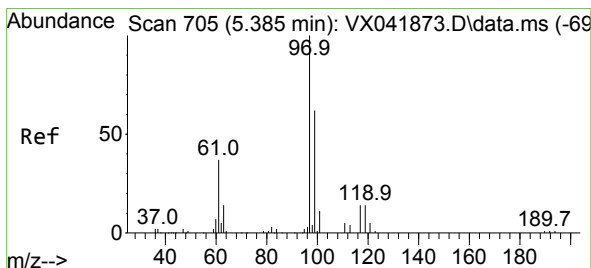
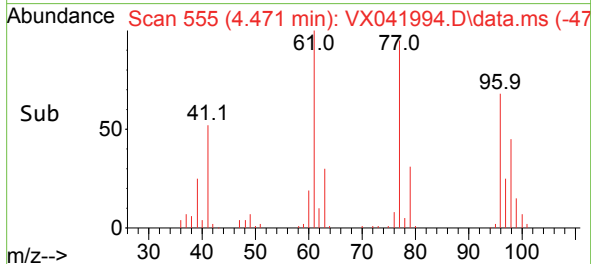
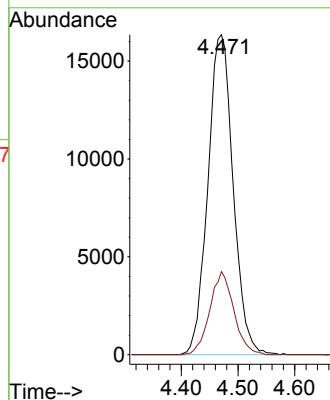
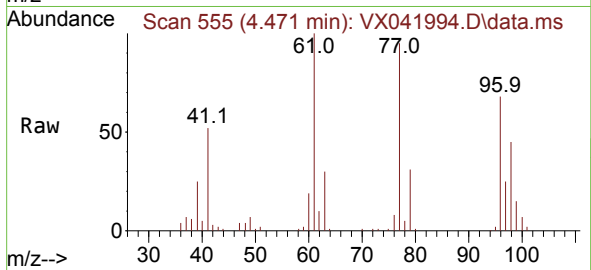




#31  
2,2-Dichloropropane  
Concen: 18.666 ug/l  
RT: 4.471 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

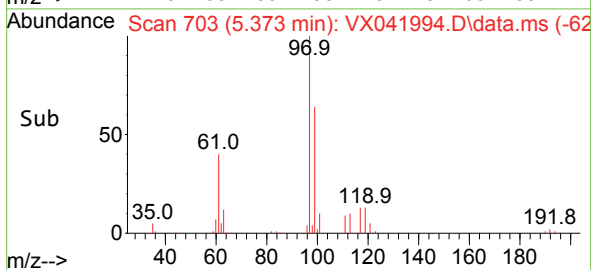
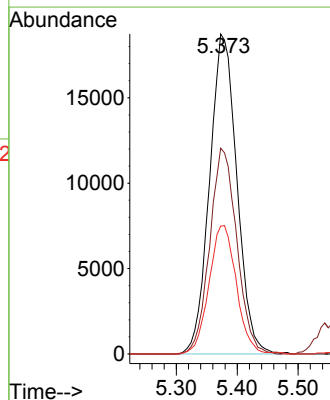
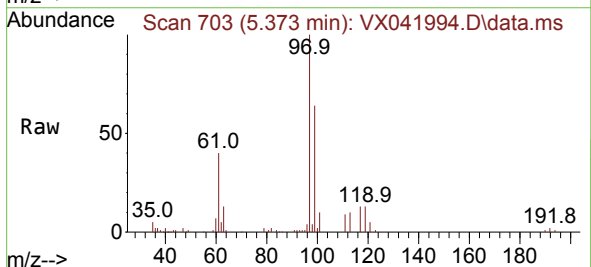
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

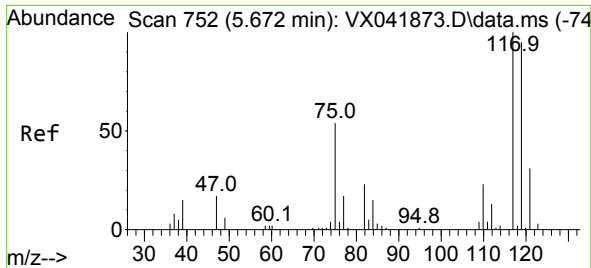
Tgt Ion: 77 Resp: 50621  
Ion Ratio Lower Upper  
77 100  
97 24.7 20.2 30.2



#32  
1,1,1-Trichloroethane  
Concen: 18.555 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.012 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 97 Resp: 58212  
Ion Ratio Lower Upper  
97 100  
99 63.9 52.0 78.0  
61 40.2 31.7 47.5

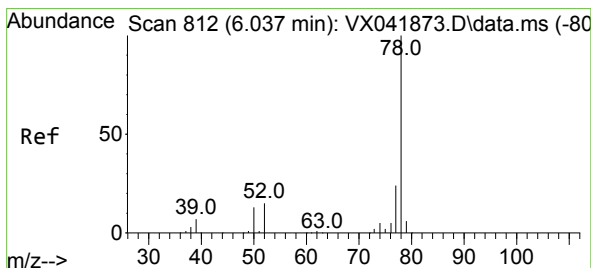
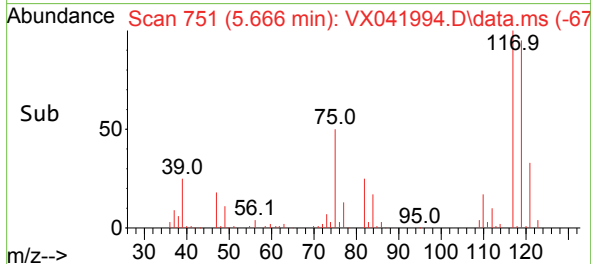
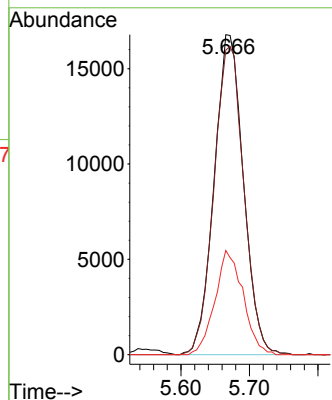
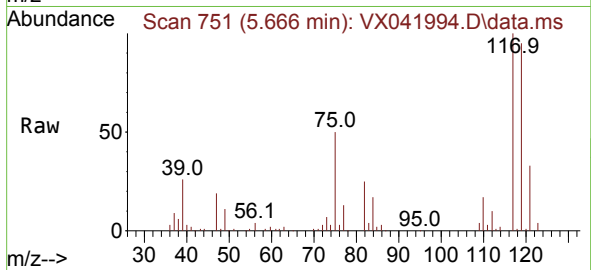




#33  
Carbon Tetrachloride  
Concen: 18.396 ug/l  
RT: 5.666 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

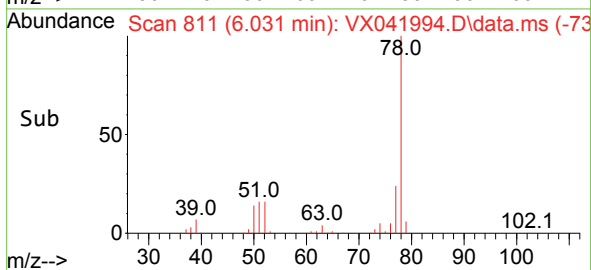
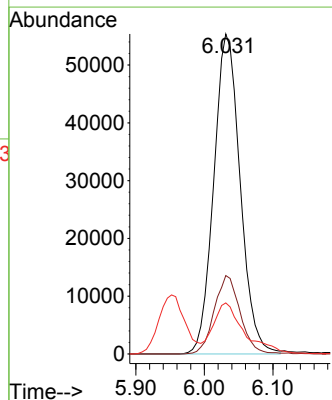
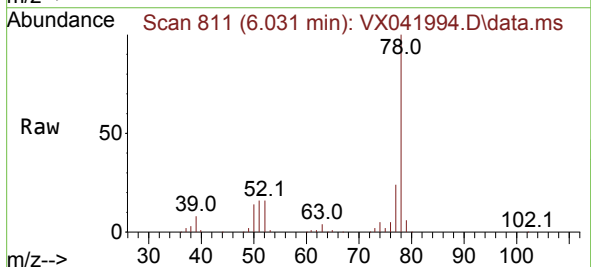
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

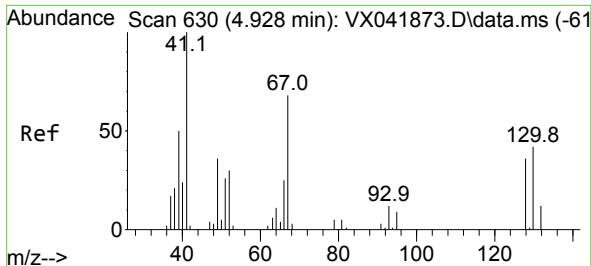
Tgt Ion:117 Resp: 49777  
Ion Ratio Lower Upper  
117 100  
119 95.2 75.7 113.5  
121 32.6 24.9 37.3



#34  
Benzene  
Concen: 17.963 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 78 Resp: 148104  
Ion Ratio Lower Upper  
78 100  
77 24.5 18.9 28.3  
51 14.9 11.8 17.8

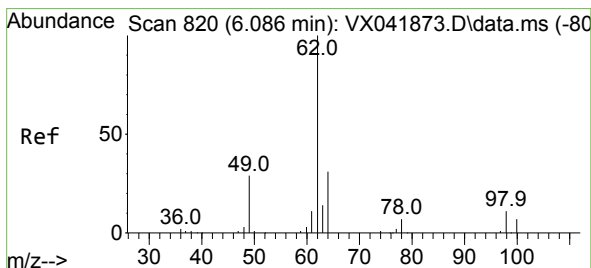
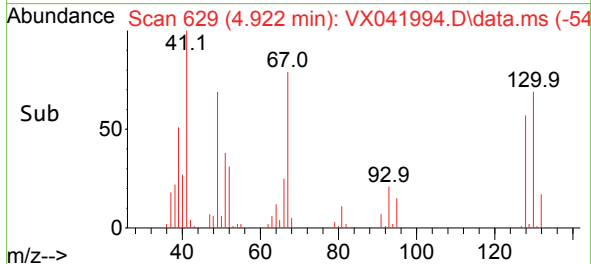
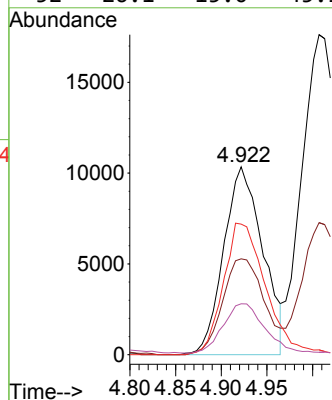
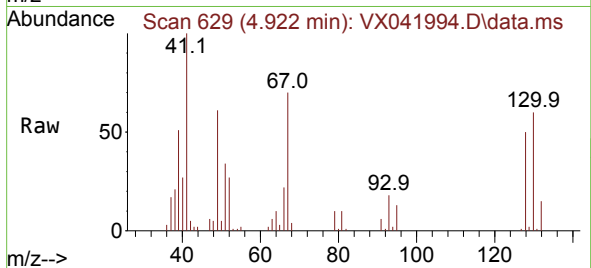




#35  
Methacrylonitrile  
Concen: 18.547 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

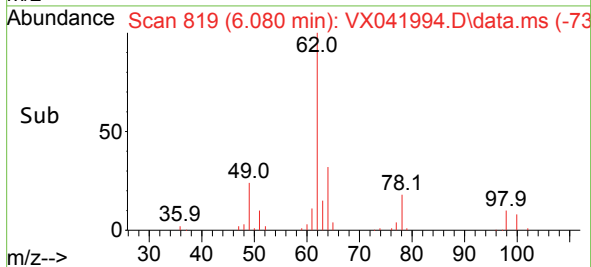
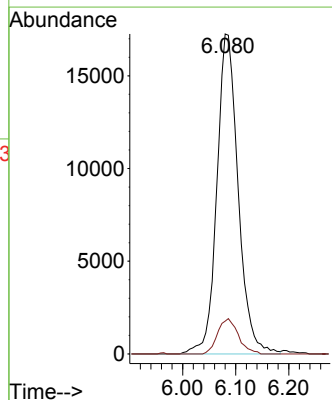
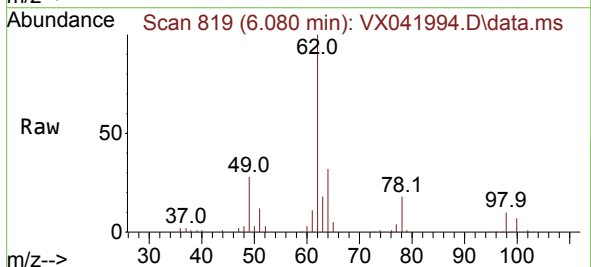
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

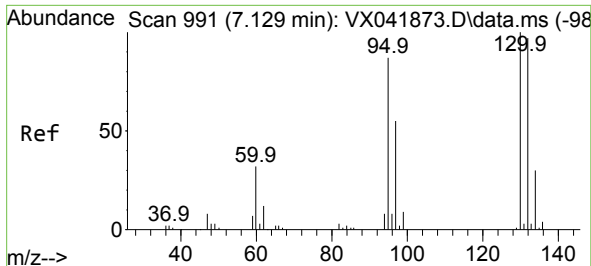
Tgt Ion: 41 Resp: 30807  
Ion Ratio Lower Upper  
41 100  
39 51.0 25.2 75.6  
67 69.5 34.2 102.5  
52 26.1 15.0 45.1



#36  
1,2-Dichloroethane  
Concen: 18.769 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 62 Resp: 48208  
Ion Ratio Lower Upper  
62 100  
98 10.7 9.1 13.7

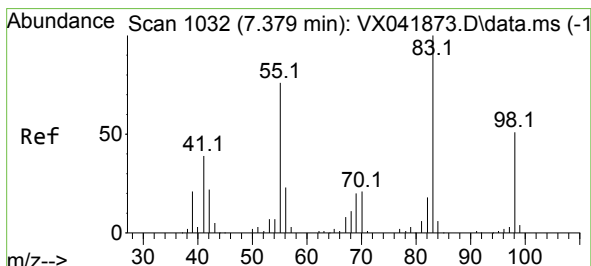
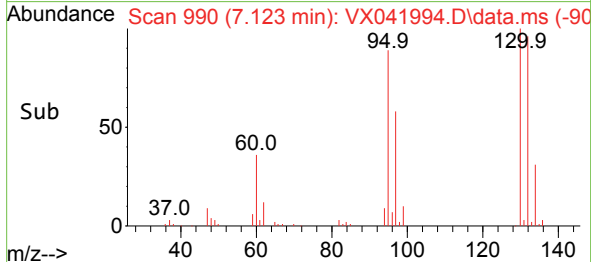
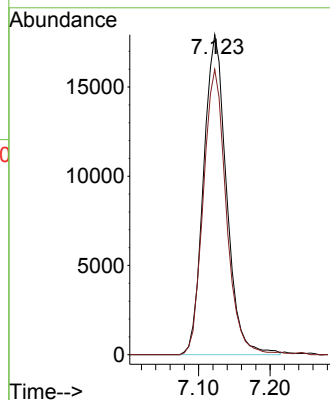
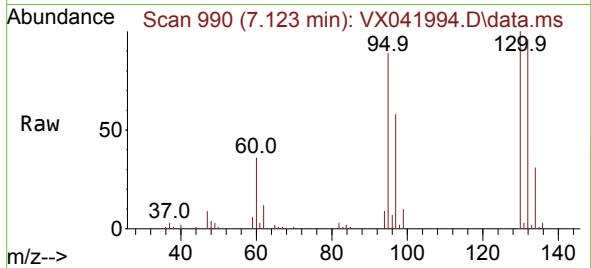




#37  
Trichloroethene  
Concen: 17.779 ug/l  
RT: 7.123 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

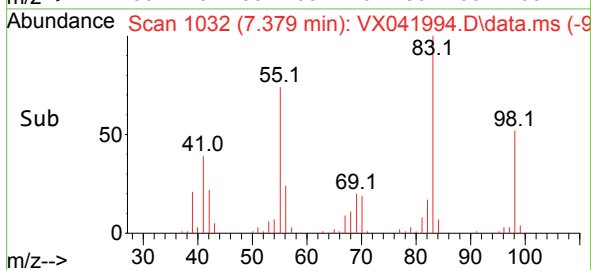
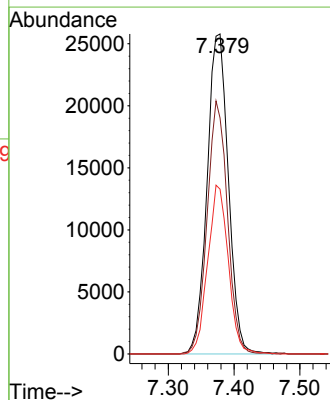
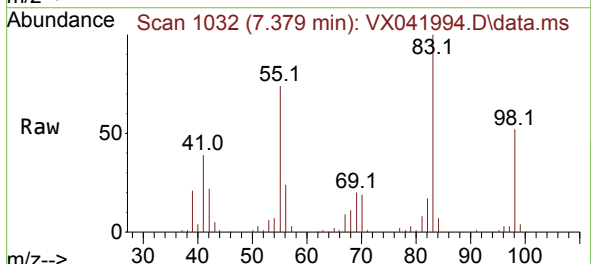
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

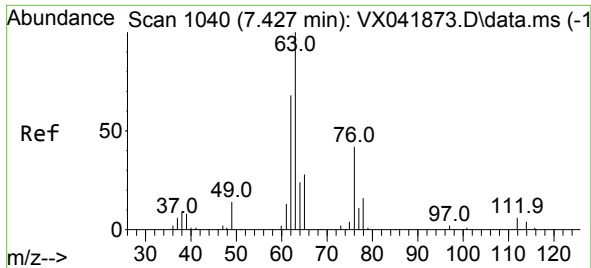
Tgt Ion:130 Resp: 40038  
Ion Ratio Lower Upper  
130 100  
95 89.1 69.4 104.0



#38  
Methylcyclohexane  
Concen: 17.734 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 83 Resp: 58137  
Ion Ratio Lower Upper  
83 100  
55 75.4 37.3 111.9  
98 51.0 24.8 74.4

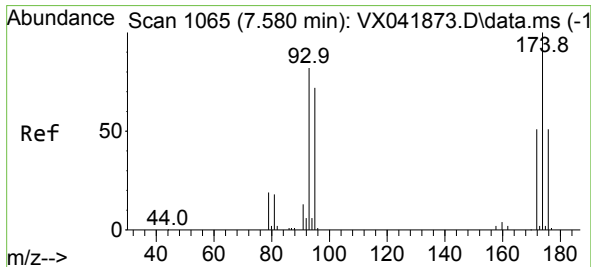
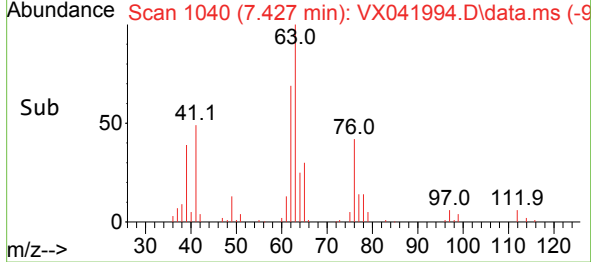
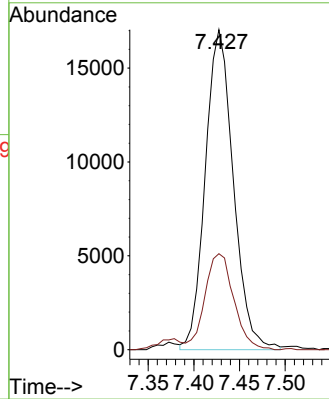
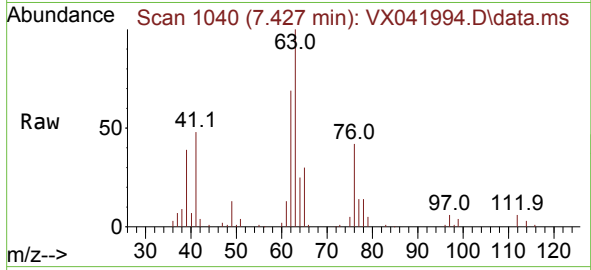




#39  
1,2-Dichloropropane  
Concen: 18.492 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

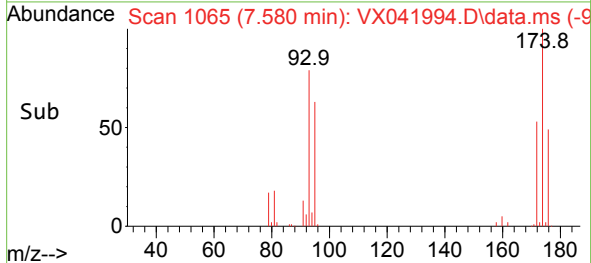
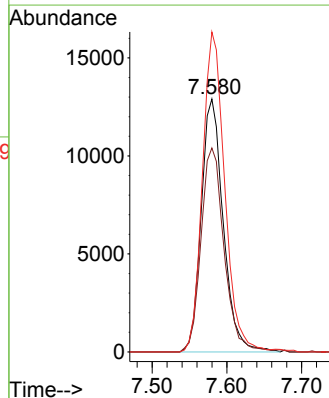
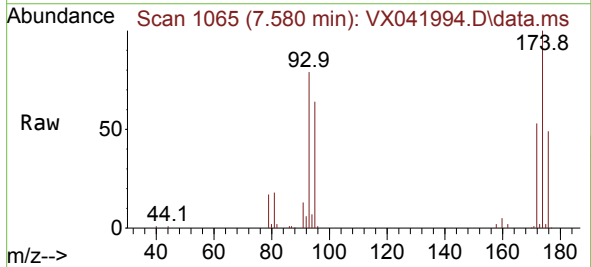
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

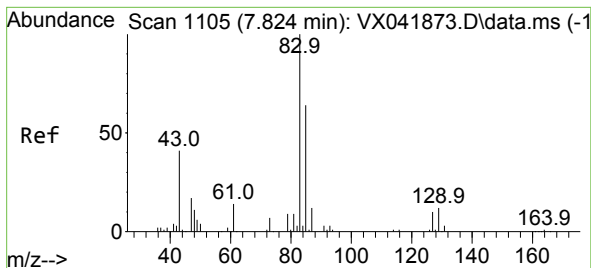
Tgt Ion: 63 Resp: 36318  
Ion Ratio Lower Upper  
63 100  
65 30.3 24.0 36.0



#40  
Dibromomethane  
Concen: 18.192 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 93 Resp: 26430  
Ion Ratio Lower Upper  
93 100  
95 84.1 0.0 168.6  
174 127.3 0.0 255.0





#41

Bromodichloromethane

Concen: 18.884 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

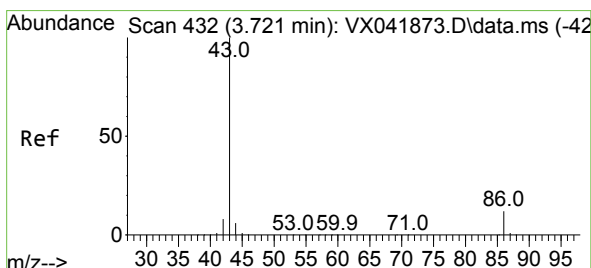
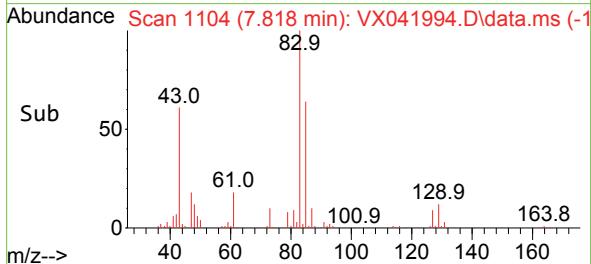
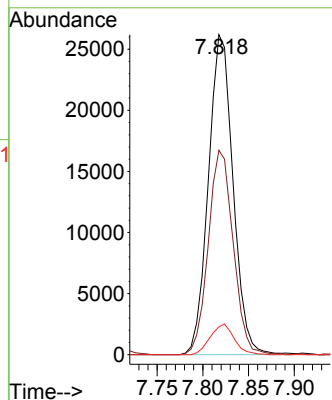
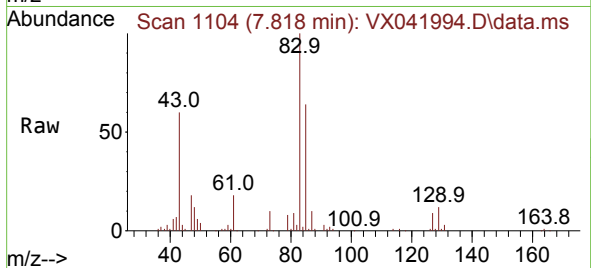
Tgt Ion: 83 Resp: 49151

Ion Ratio Lower Upper

83 100

85 63.9 51.1 76.7

127 8.7 8.1 12.1



#42

Vinyl Acetate

Concen: 92.556 ug/l

RT: 3.721 min Scan# 432

Delta R.T. -0.000 min

Lab File: VX041994.D

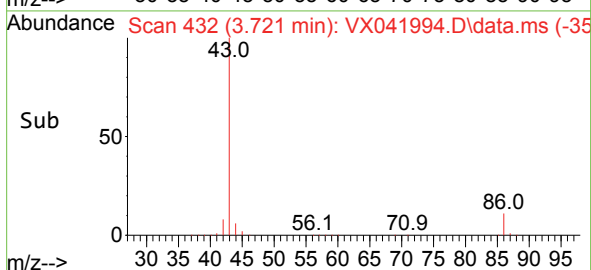
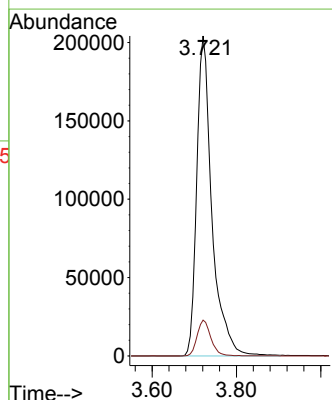
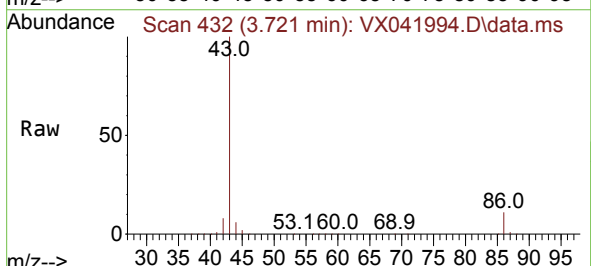
Acq: 24 Jun 2024 09:10

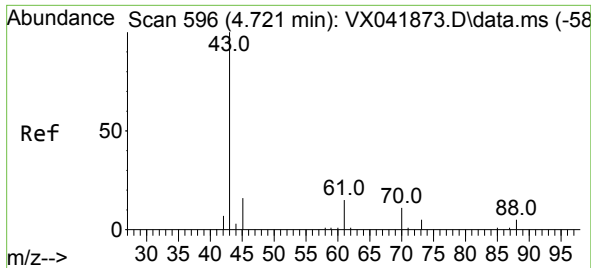
Tgt Ion: 43 Resp: 512337

Ion Ratio Lower Upper

43 100

86 10.1 8.5 12.7

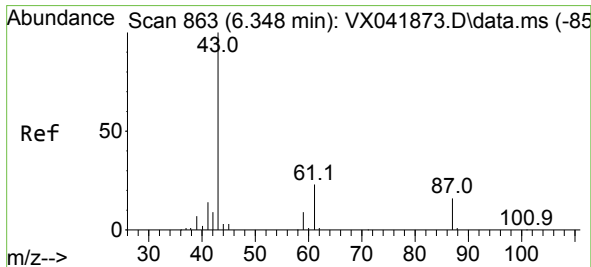
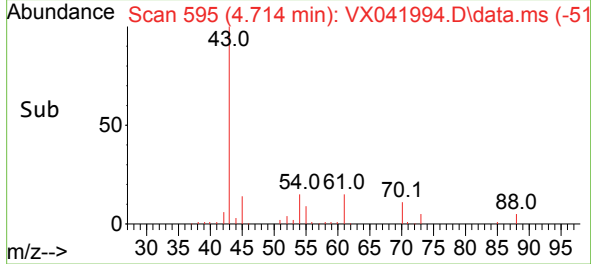
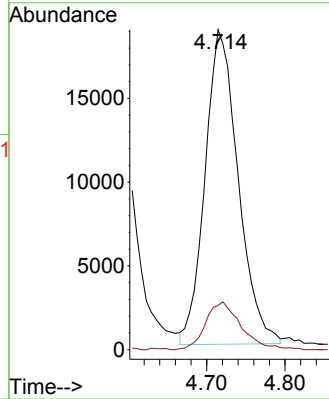
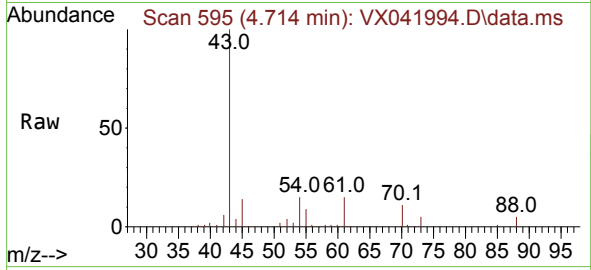




#43  
Ethyl Acetate  
Concen: 17.777 ug/l  
RT: 4.714 min Scan# 595  
Delta R.T. -0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

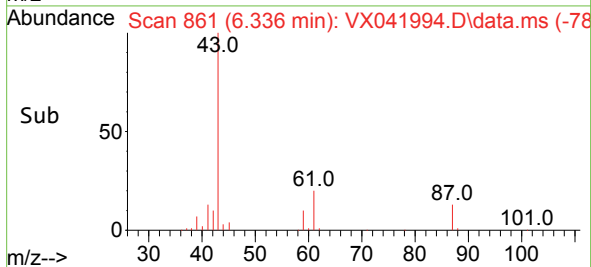
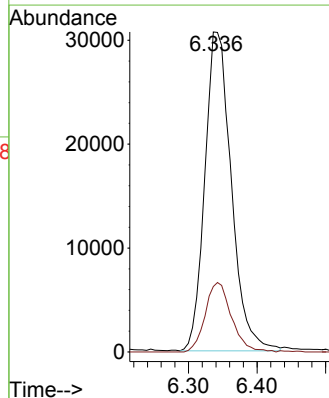
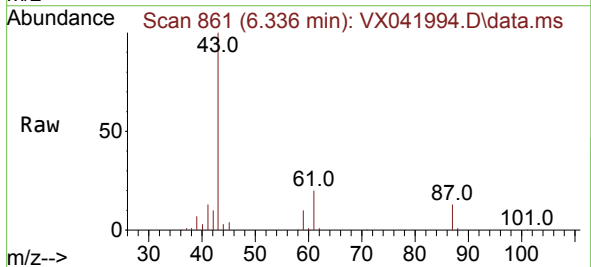
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

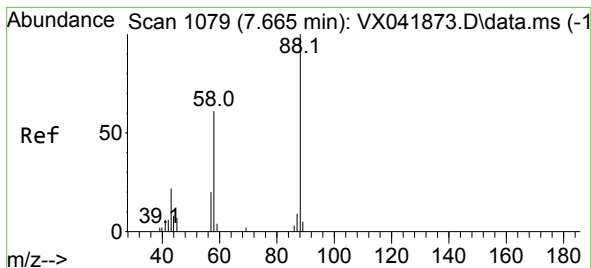
Tgt Ion: 43 Resp: 55123  
Ion Ratio Lower Upper  
43 100  
45 15.8 12.4 18.6



#44  
Isopropyl Acetate  
Concen: 17.794 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.012 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 43 Resp: 82640  
Ion Ratio Lower Upper  
43 100  
61 21.3 17.4 26.0





#45

1,4-Dioxane

Concen: 314.623 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

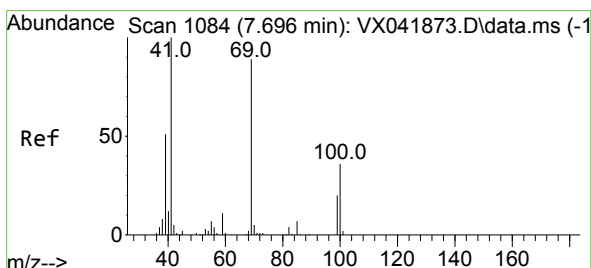
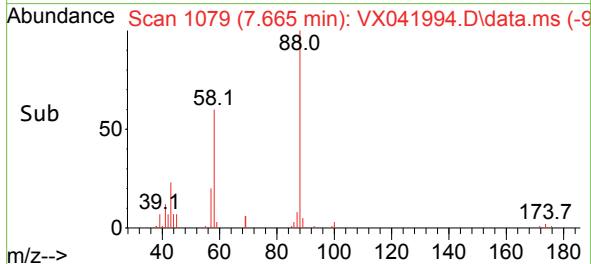
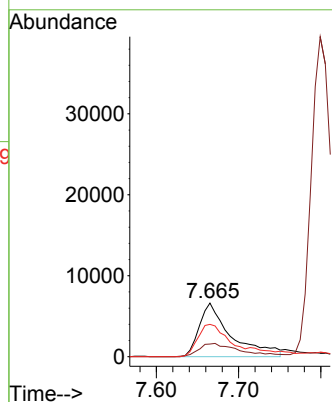
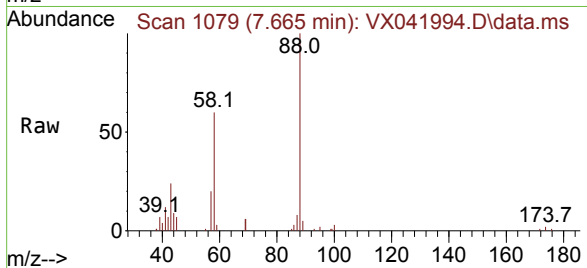
Tgt Ion: 88 Resp: 17811

Ion Ratio Lower Upper

88 100

43 33.0 23.2 34.8

58 57.1 52.6 78.8



#46

Methyl methacrylate

Concen: 18.103 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.006 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

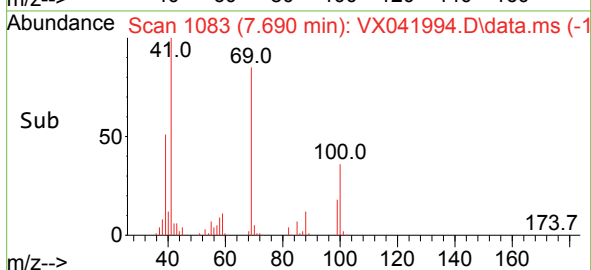
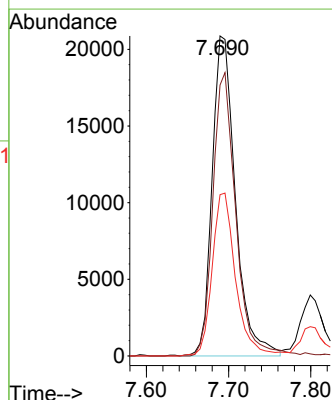
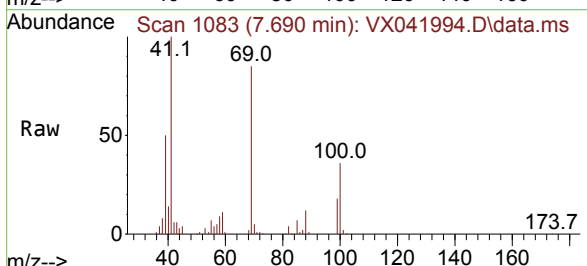
Tgt Ion: 41 Resp: 41108

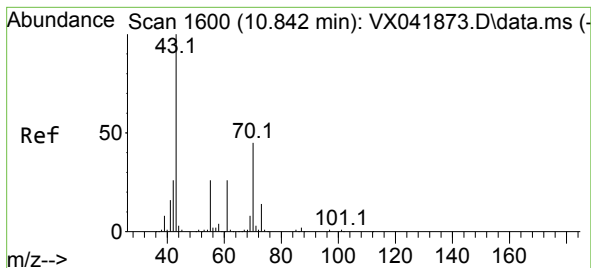
Ion Ratio Lower Upper

41 100

69 84.7 44.4 133.1

39 50.4 25.5 76.5





#47

n-amyl acetate

Concen: 17.253 ug/l

RT: 10.841 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

Instrument :

MSVOA\_X

ClientSampleId :

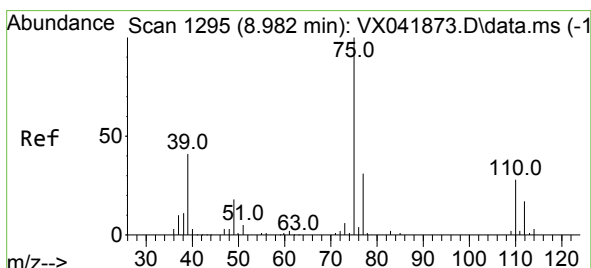
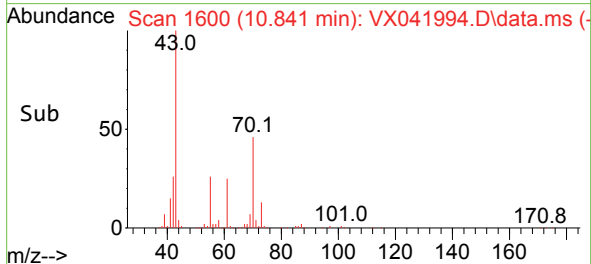
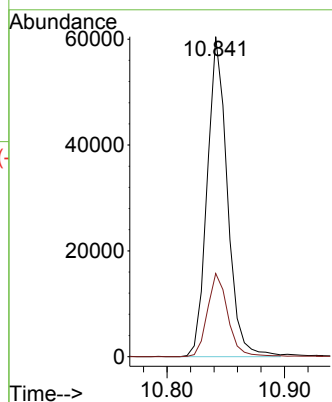
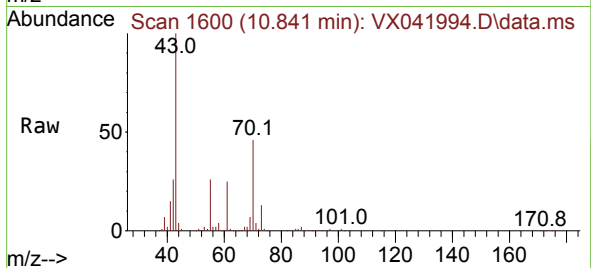
VSTDCCC020

Tgt Ion: 43 Resp: 71914

Ion Ratio Lower Upper

43 100

55 26.4 21.0 31.4



#48

t-1,3-Dichloropropene

Concen: 17.730 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX041994.D

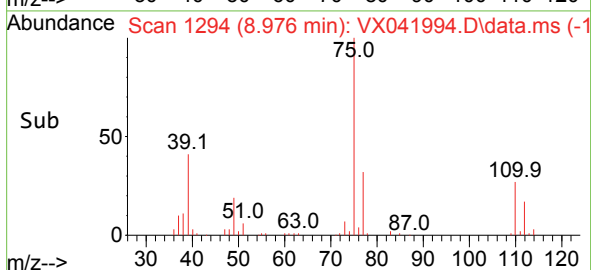
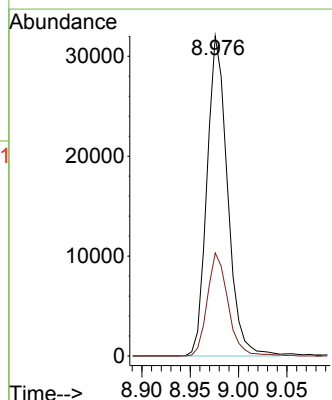
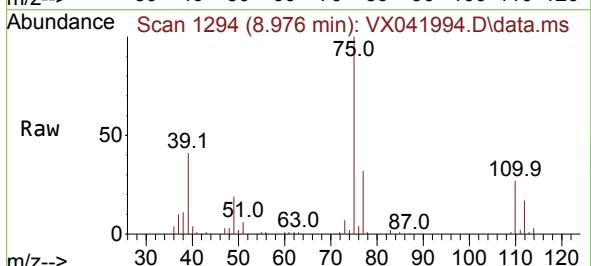
Acq: 24 Jun 2024 09:10

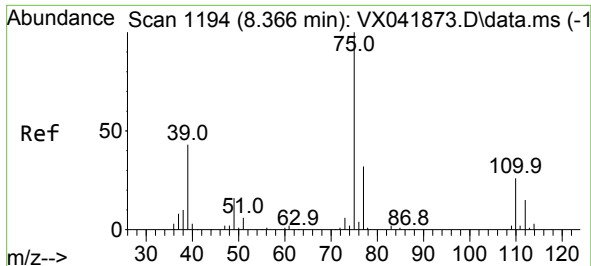
Tgt Ion: 75 Resp: 47513

Ion Ratio Lower Upper

75 100

77 32.2 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 18.294 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

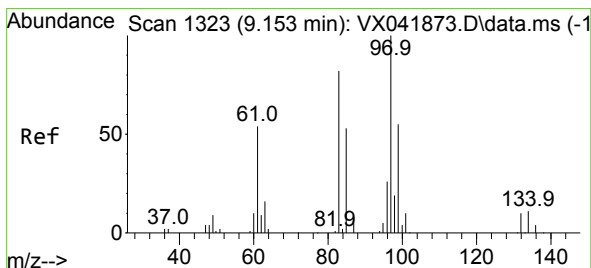
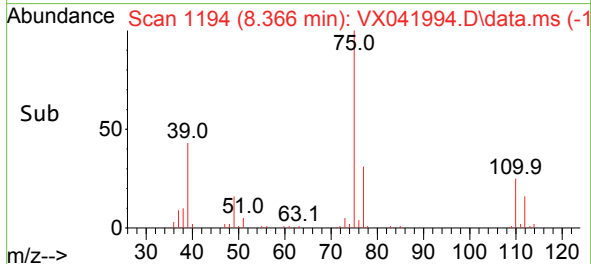
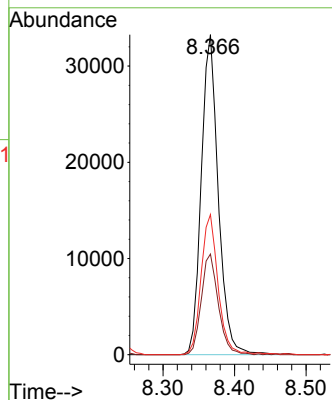
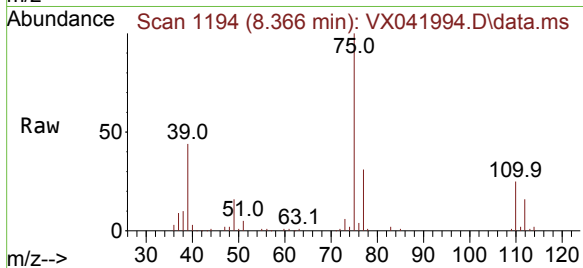
Tgt Ion: 75 Resp: 54992

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.8

39 43.8 34.8 52.2



#50

1,1,2-Trichloroethane

Concen: 18.637 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

Tgt Ion: 97 Resp: 39370

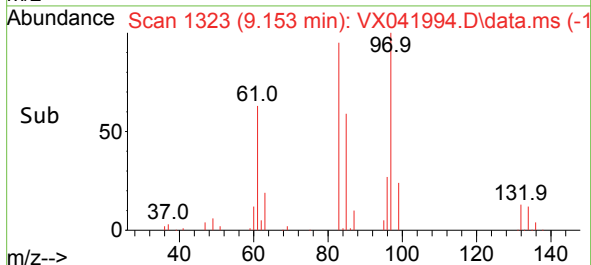
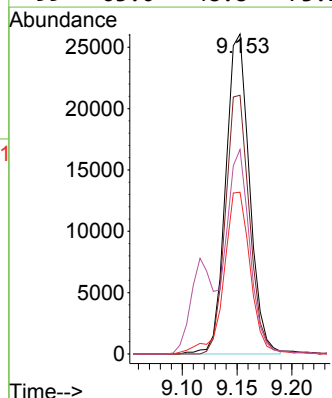
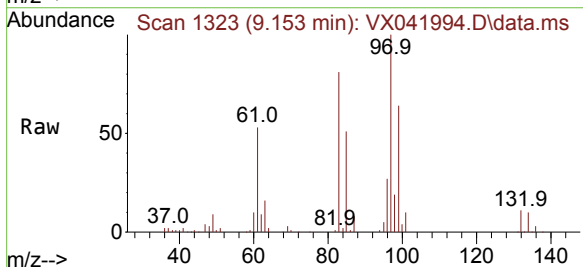
Ion Ratio Lower Upper

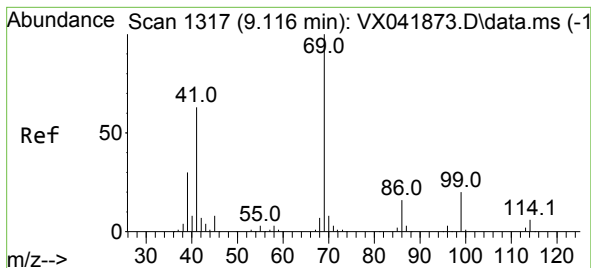
97 100

83 80.8 65.9 98.9

85 50.0 42.9 64.3

99 63.0 48.8 73.2





#51

Ethyl methacrylate

Concen: 17.257 ug/l

RT: 9.116 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

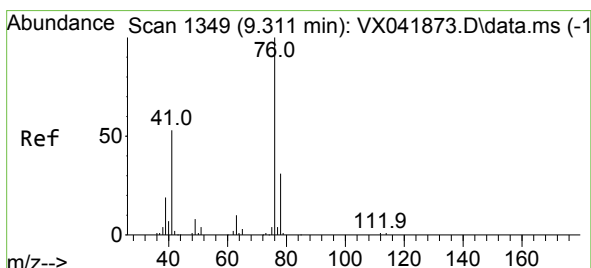
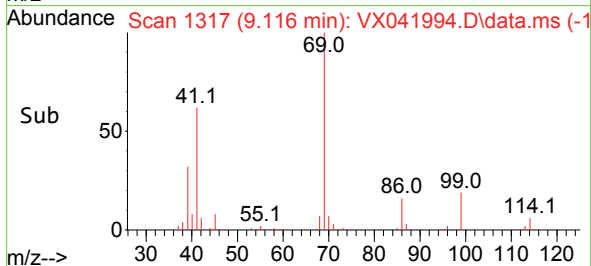
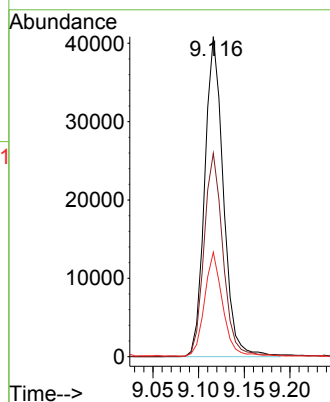
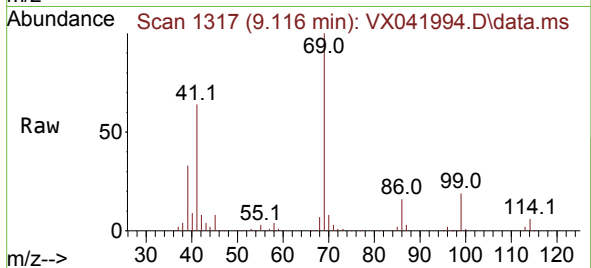
Tgt Ion: 69 Resp: 57911

Ion Ratio Lower Upper

69 100

41 63.5 31.6 94.7

39 32.4 15.3 45.8



#52

1,3-Dichloropropane

Concen: 18.418 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. -0.006 min

Lab File: VX041994.D

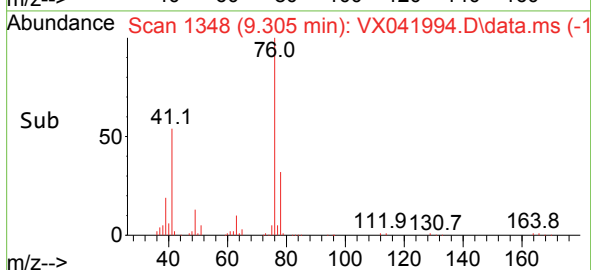
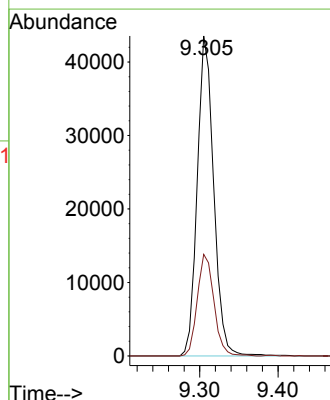
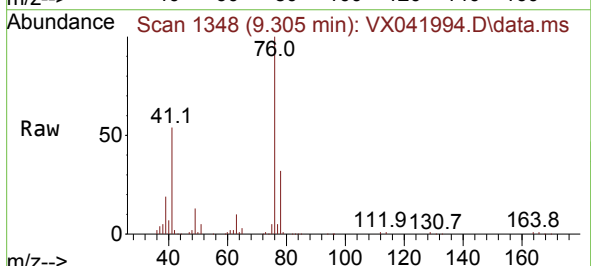
Acq: 24 Jun 2024 09:10

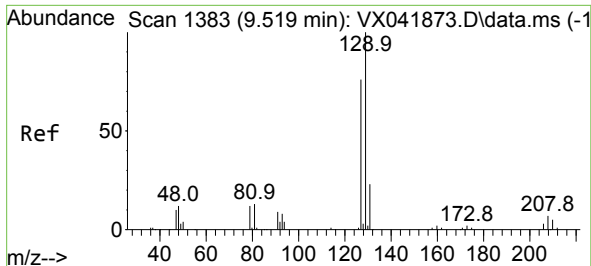
Tgt Ion: 76 Resp: 63608

Ion Ratio Lower Upper

76 100

78 32.2 0.0 66.0

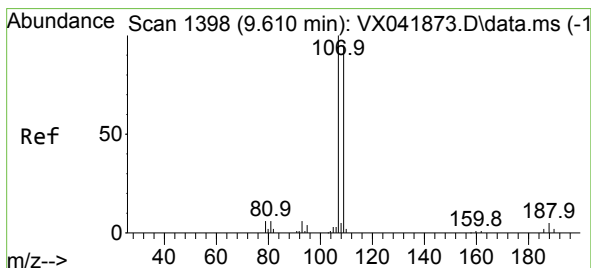
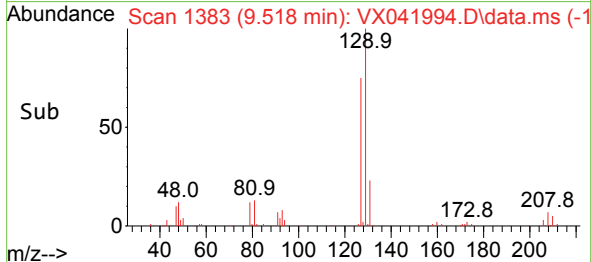
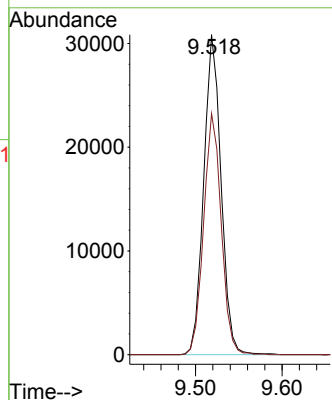
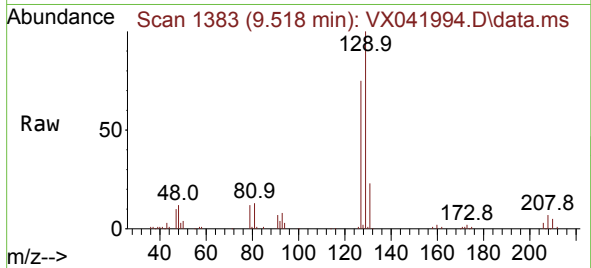




#53  
Dibromochloromethane  
Concen: 18.582 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

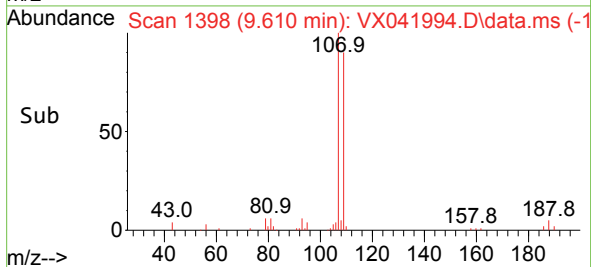
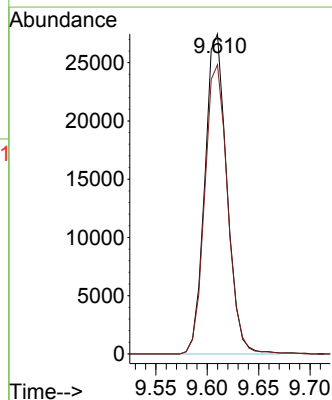
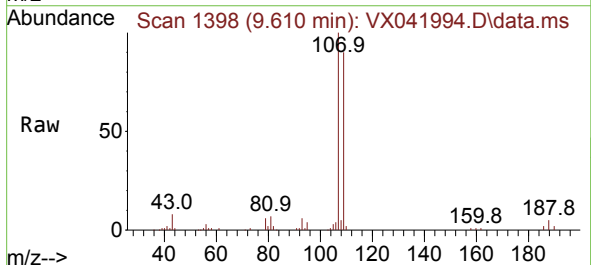
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

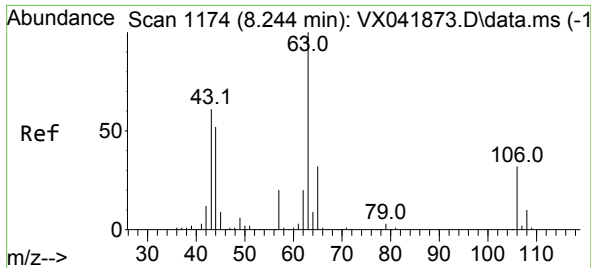
Tgt Ion:129 Resp: 42959  
Ion Ratio Lower Upper  
129 100  
127 76.3 38.8 116.4



#54  
1,2-Dibromoethane  
Concen: 18.473 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion:107 Resp: 41153  
Ion Ratio Lower Upper  
107 100  
109 93.5 75.7 113.5

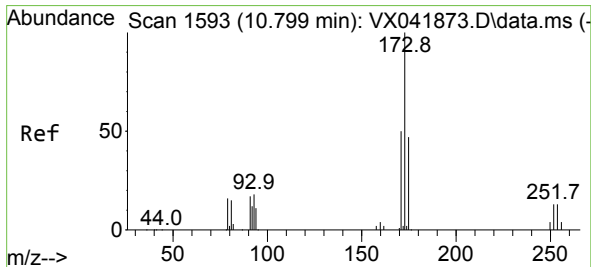
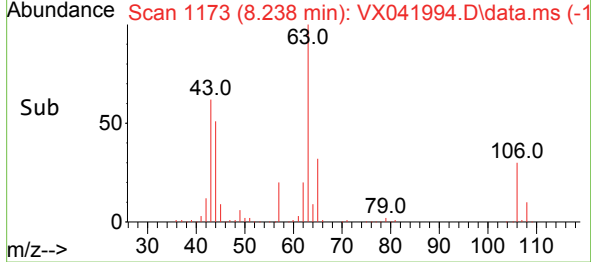
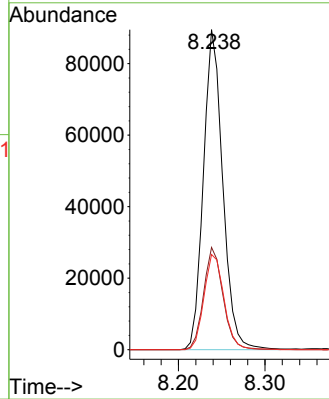
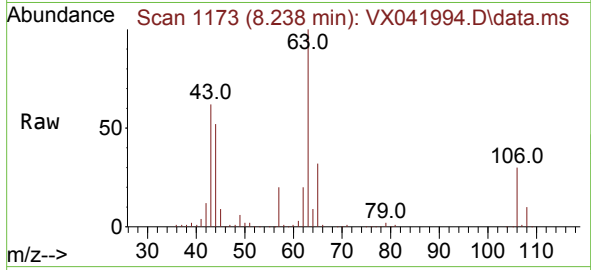




#55  
2-Chloroethyl vinyl ether  
Concen: 88.932 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. -0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

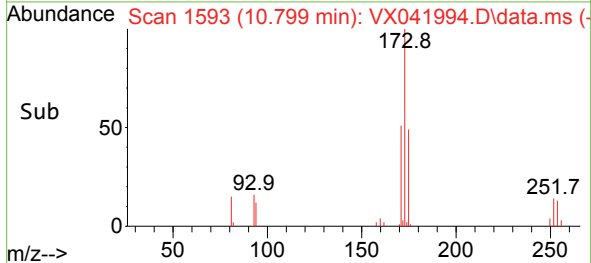
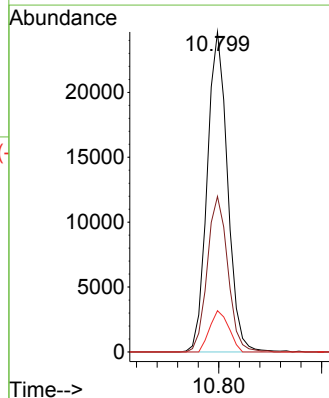
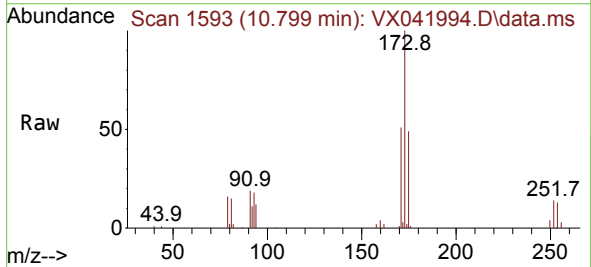
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

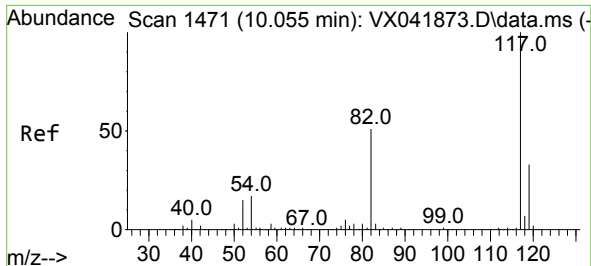
Tgt Ion: 63 Resp: 138914  
Ion Ratio Lower Upper  
63 100  
65 32.1 25.7 38.5  
106 30.8 25.3 37.9



#56  
Bromoform  
Concen: 17.981 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion:173 Resp: 33896  
Ion Ratio Lower Upper  
173 100  
175 49.2 39.3 58.9  
254 12.1 9.6 14.4

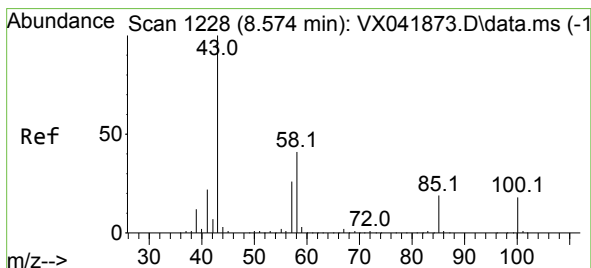
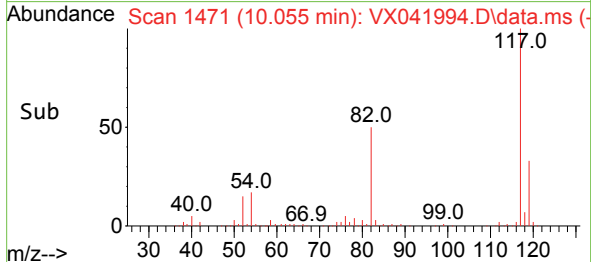
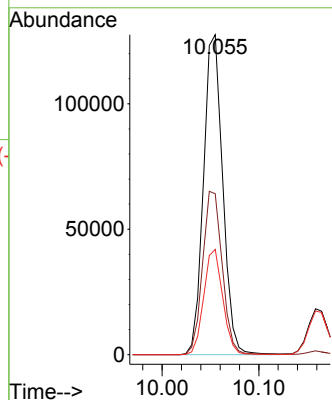
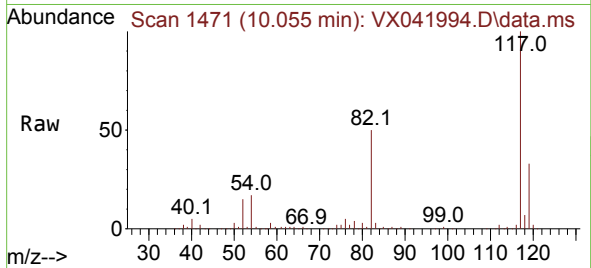




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

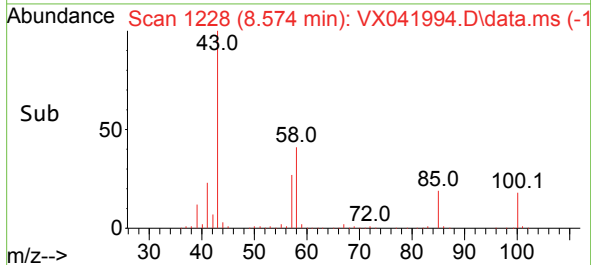
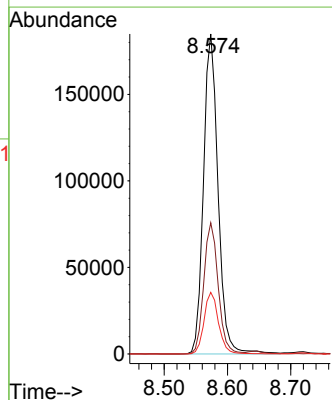
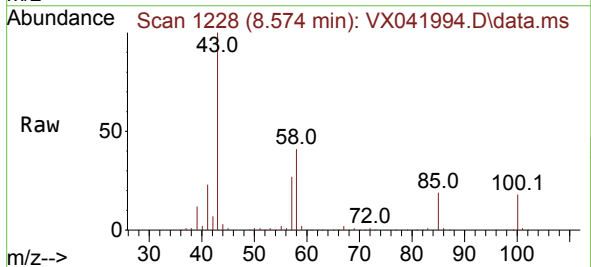
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

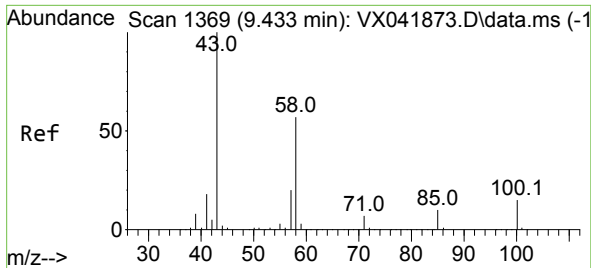
Tgt Ion:117 Resp: 176767  
Ion Ratio Lower Upper  
117 100  
82 52.0 41.1 61.7  
119 32.5 26.1 39.1



#58  
4-Methyl-2-Pentanone  
Concen: 93.833 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 43 Resp: 297218  
Ion Ratio Lower Upper  
43 100  
58 40.5 33.2 49.8  
85 19.1 15.5 23.3

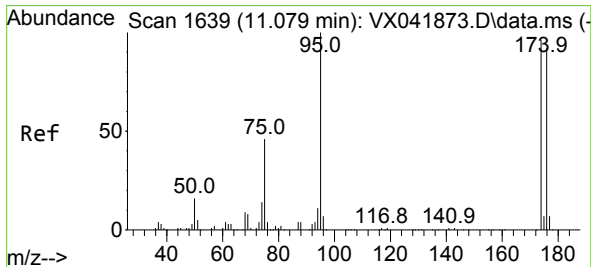
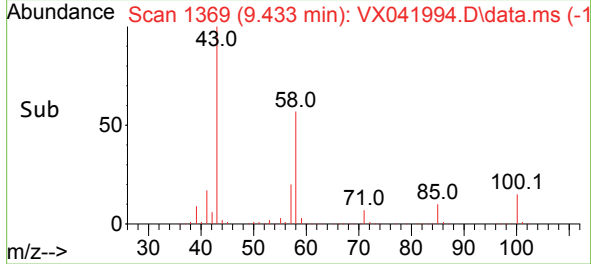
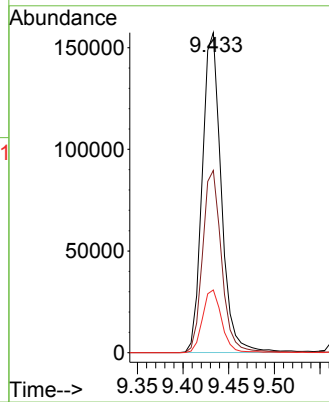
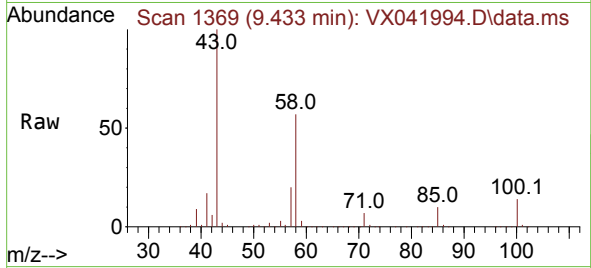




#59  
2-Hexanone  
Concen: 92.937 ug/l  
RT: 9.433 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

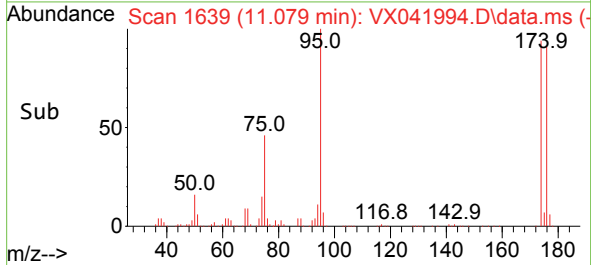
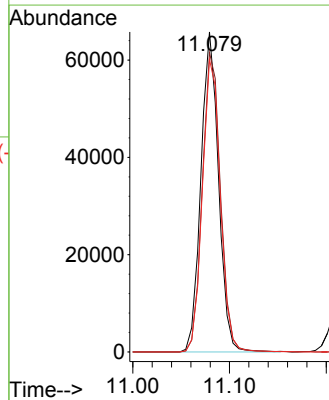
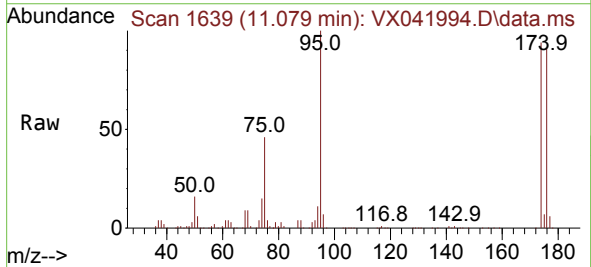
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

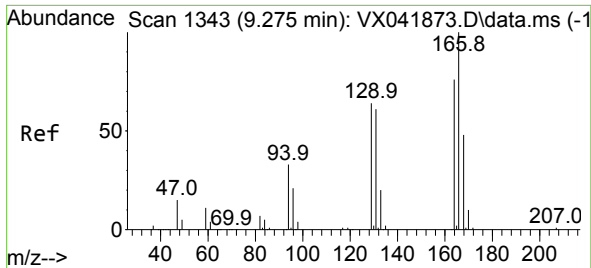
Tgt Ion: 43 Resp: 227212  
Ion Ratio Lower Upper  
43 100  
58 57.2 46.0 69.0  
57 19.7 15.8 23.6



#60  
4-Bromofluorobenzene  
Concen: 30.439 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 95 Resp: 83288  
Ion Ratio Lower Upper  
95 100  
174 96.4 78.9 118.3  
176 93.4 77.1 115.7

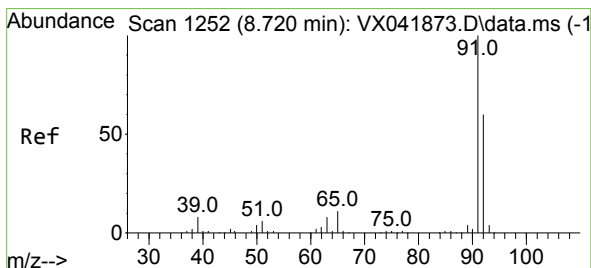
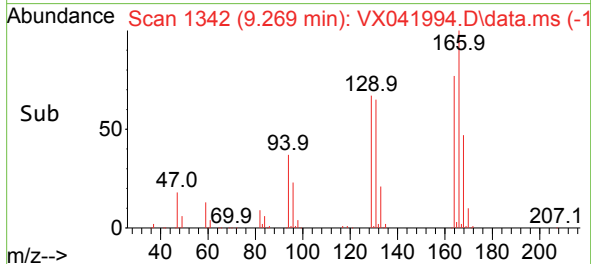
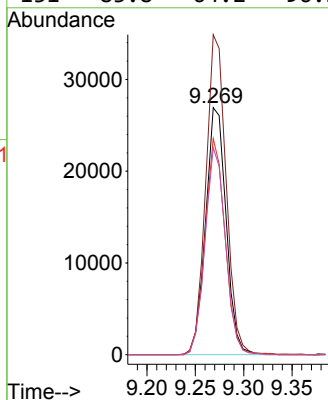
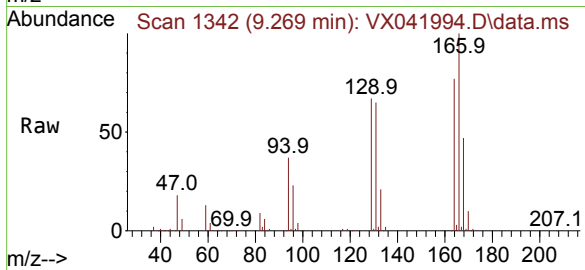




#61  
Tetrachloroethene  
Concen: 17.917 ug/l  
RT: 9.269 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

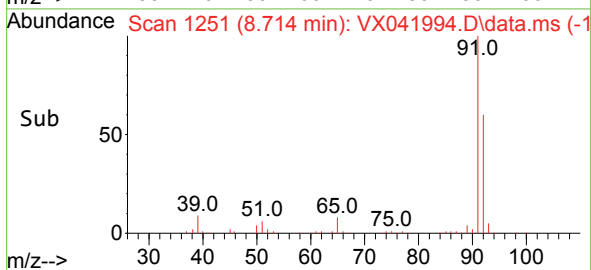
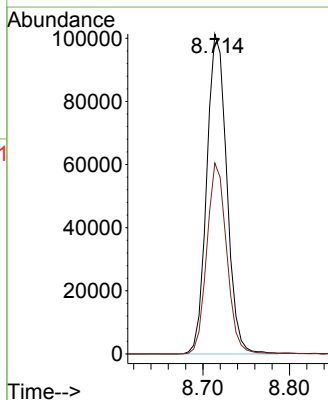
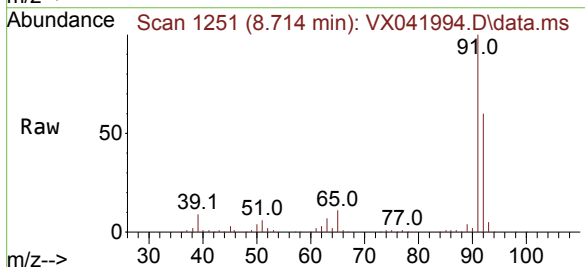
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

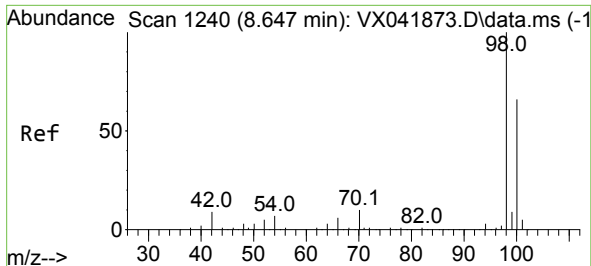
Tgt Ion:164 Resp: 39853  
Ion Ratio Lower Upper  
164 100  
166 129.6 105.0 157.6  
129 87.4 67.1 100.7  
131 83.8 64.2 96.2



#62  
Toluene  
Concen: 18.202 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 91 Resp: 162821  
Ion Ratio Lower Upper  
91 100  
92 59.0 47.4 71.2

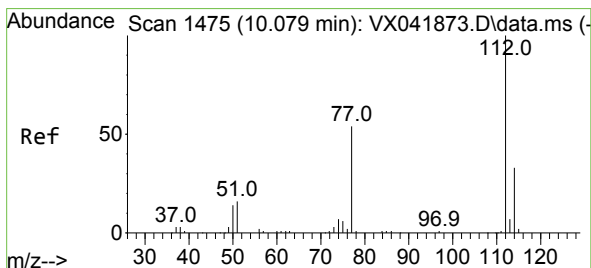
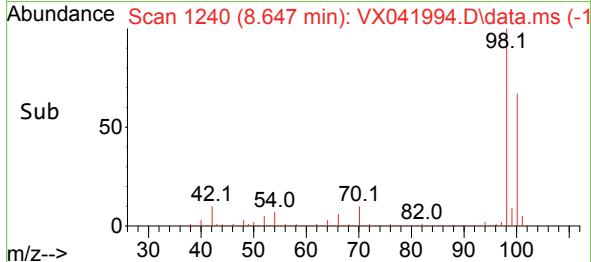
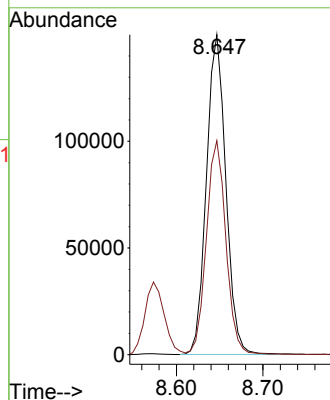
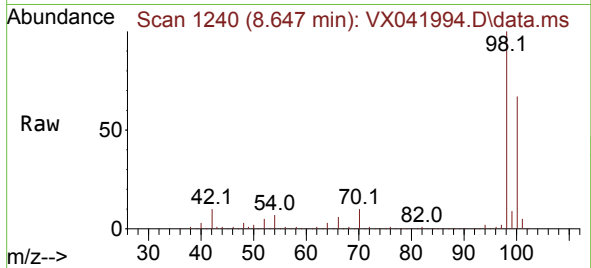




#63  
Toluene-d8  
Concen: 30.878 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

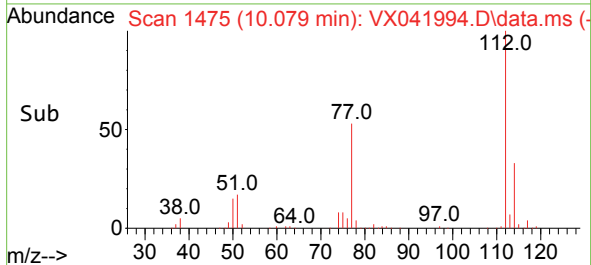
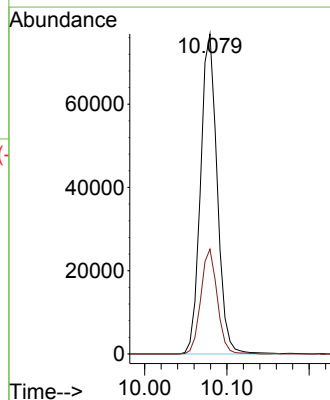
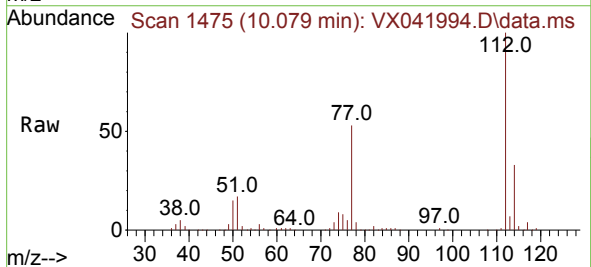
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

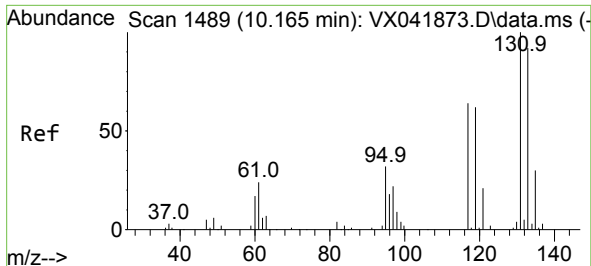
Tgt Ion: 98 Resp: 233521  
Ion Ratio Lower Upper  
98 100  
100 67.3 52.7 79.1



#64  
Chlorobenzene  
Concen: 17.745 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 112 Resp: 108091  
Ion Ratio Lower Upper  
112 100  
114 32.8 26.2 39.4





#65

1,1,1,2-Tetrachloroethane

Concen: 18.387 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

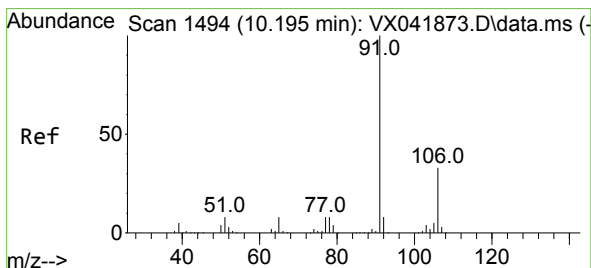
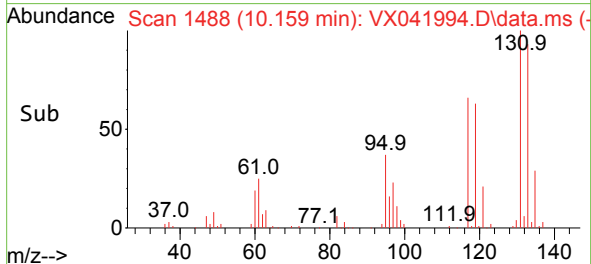
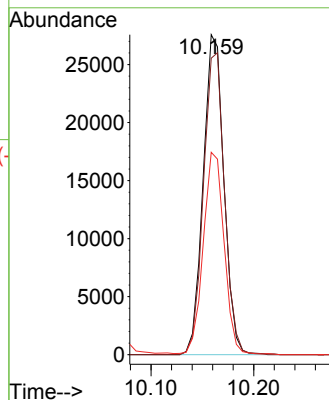
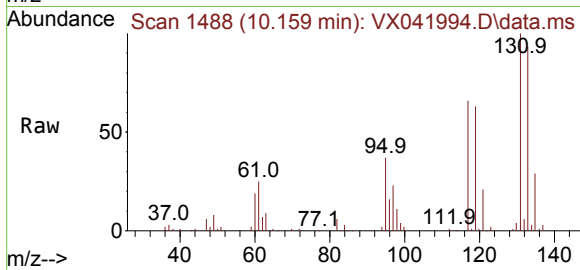
Tgt Ion:131 Resp: 38680

Ion Ratio Lower Upper

131 100

133 95.6 0.0 194.8

119 63.6 0.0 127.6



#66

Ethyl Benzene

Concen: 17.718 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX041994.D

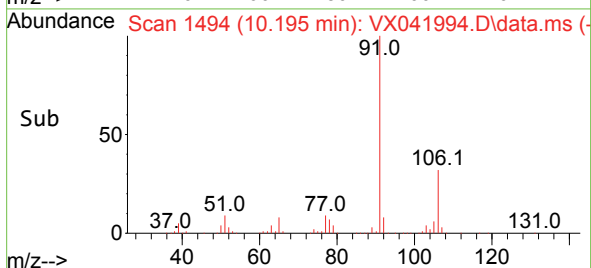
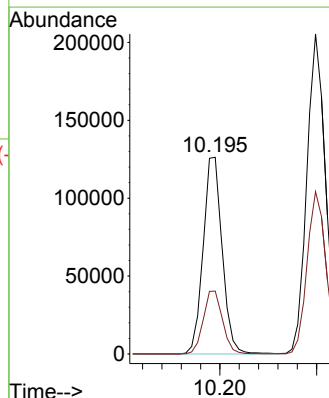
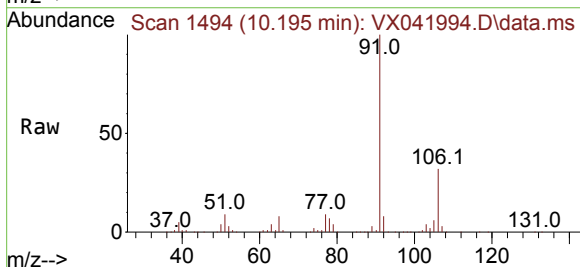
Acq: 24 Jun 2024 09:10

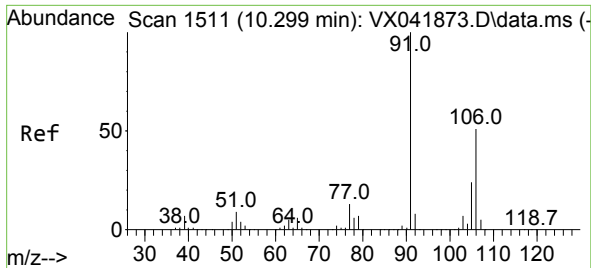
Tgt Ion: 91 Resp: 173268

Ion Ratio Lower Upper

91 100

106 32.0 26.4 39.6

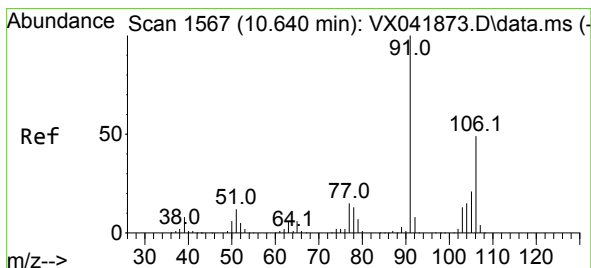
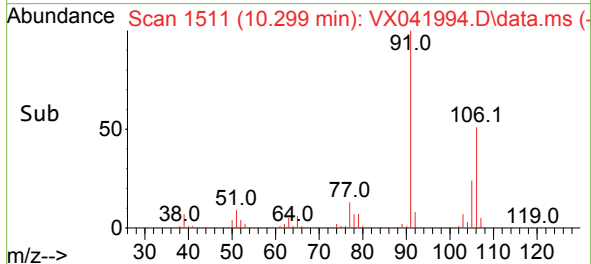
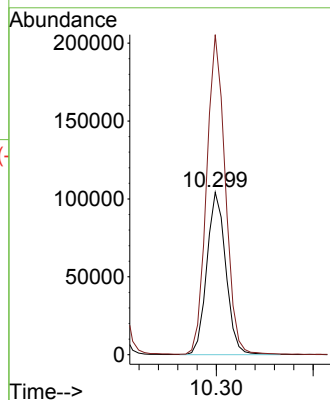
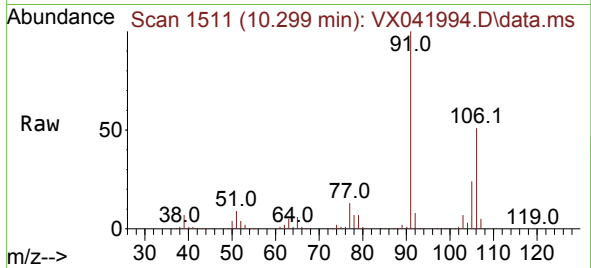




#67  
m/p-Xylenes  
Concen: 36.193 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

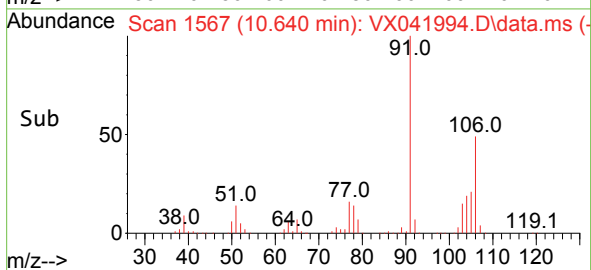
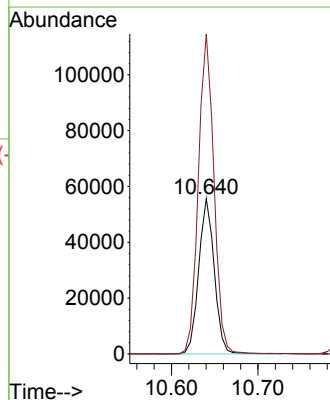
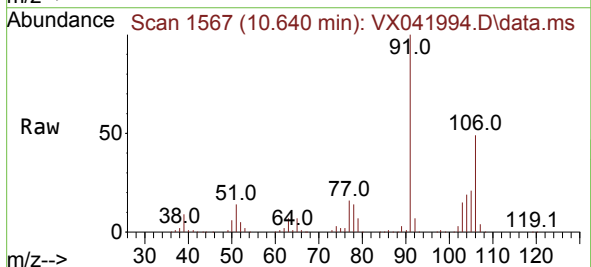
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

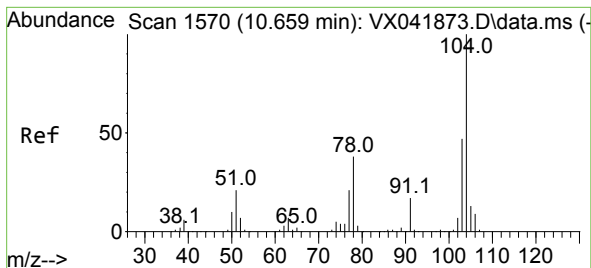
Tgt Ion:106 Resp: 142371  
Ion Ratio Lower Upper  
106 100  
91 194.6 157.0 235.6



#68  
o-Xylene  
Concen: 17.697 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion:106 Resp: 69405  
Ion Ratio Lower Upper  
106 100  
91 206.4 103.2 309.6





#69

Styrene

Concen: 18.022 ug/l

RT: 10.652 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

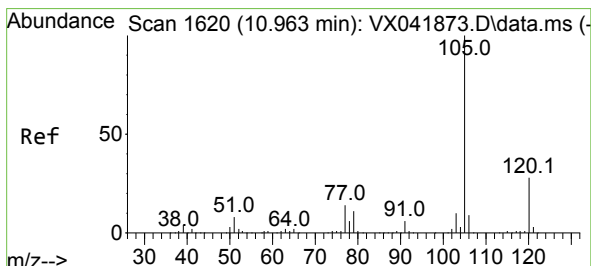
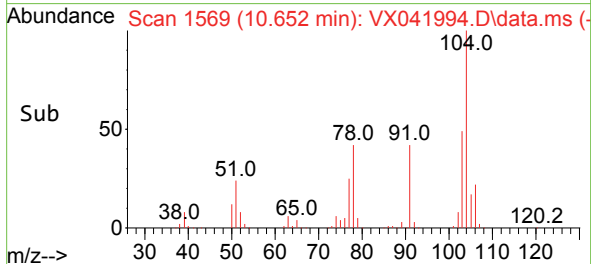
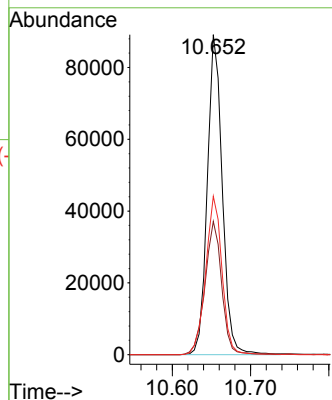
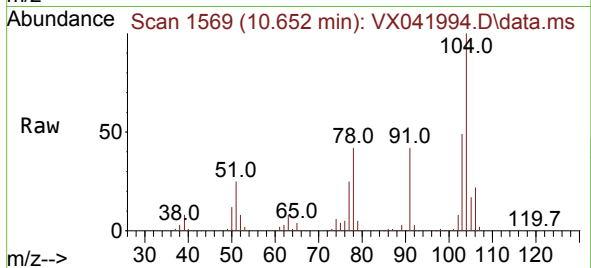
Tgt Ion:104 Resp: 118110

Ion Ratio Lower Upper

104 100

78 46.4 36.5 54.7

103 53.9 43.4 65.2



#70

Isopropylbenzene

Concen: 18.162 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX041994.D

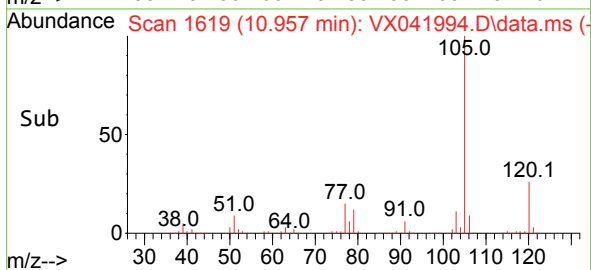
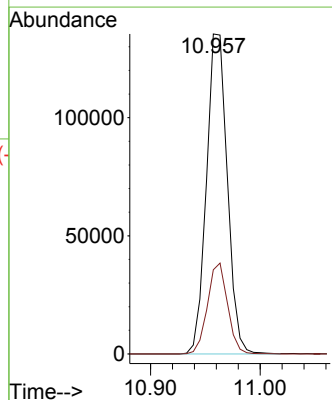
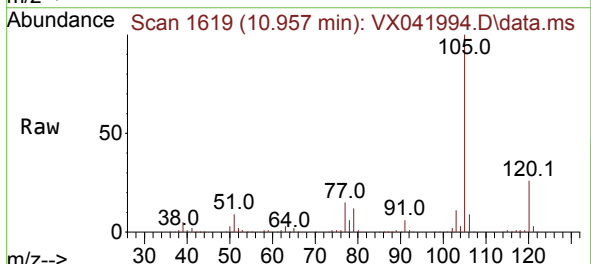
Acq: 24 Jun 2024 09:10

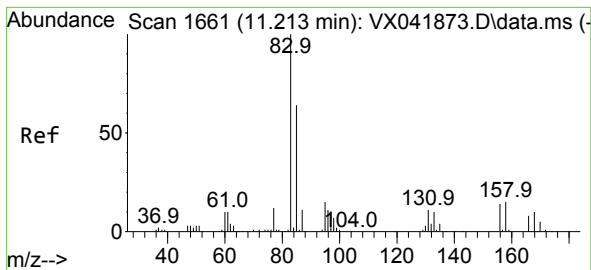
Tgt Ion:105 Resp: 179092

Ion Ratio Lower Upper

105 100

120 27.3 19.2 35.6

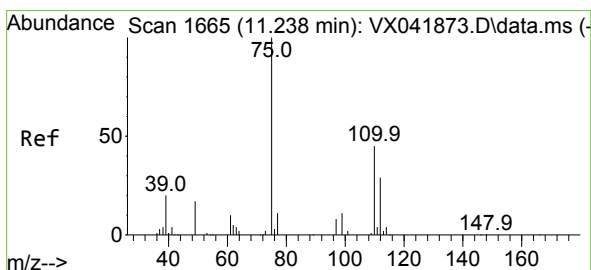
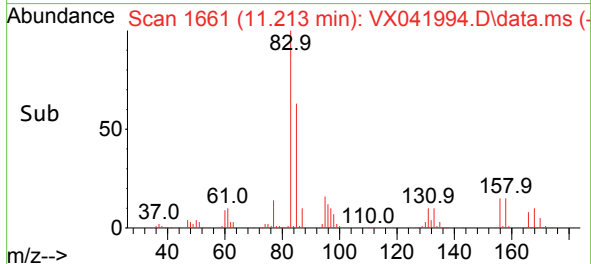
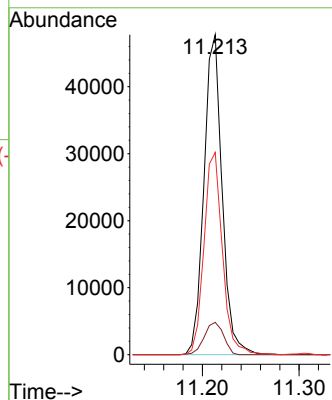
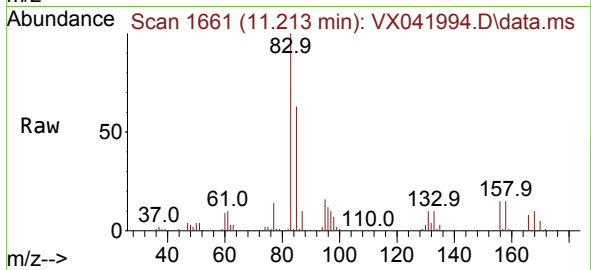




#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 18.309 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. -0.000 min  
 Lab File: VX041994.D  
 Acq: 24 Jun 2024 09:10

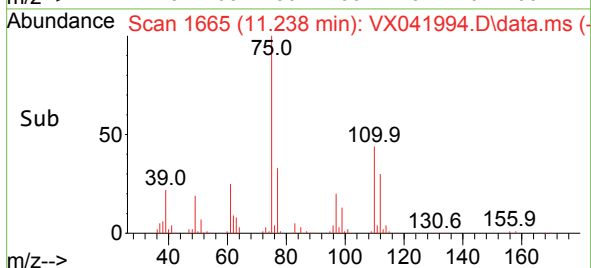
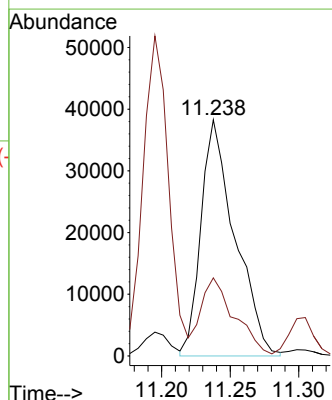
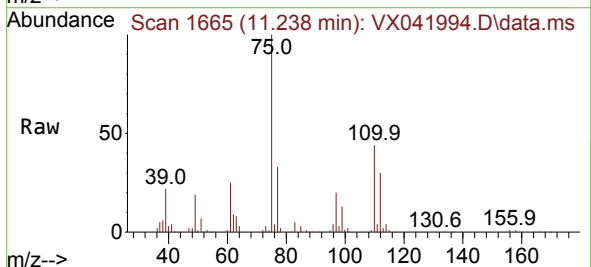
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

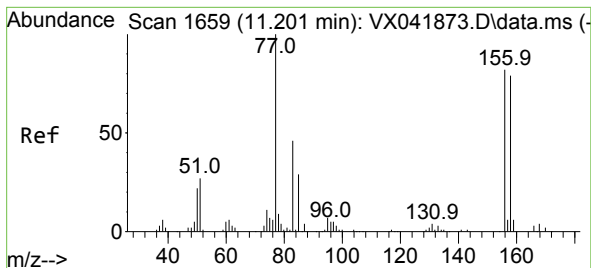
Tgt Ion: 83 Resp: 62481  
 Ion Ratio Lower Upper  
 83 100  
 131 10.8 5.5 16.7  
 85 64.2 32.6 97.7



#72  
 1,2,3-Trichloropropane  
 Concen: 23.889 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. -0.000 min  
 Lab File: VX041994.D  
 Acq: 24 Jun 2024 09:10

Tgt Ion: 75 Resp: 66033  
 Ion Ratio Lower Upper  
 75 100  
 77 33.0 0.0 79.6





#73

Bromobenzene

Concen: 17.969 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

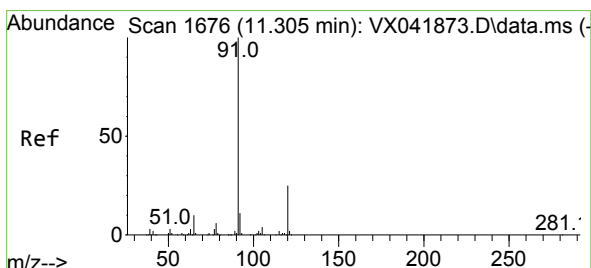
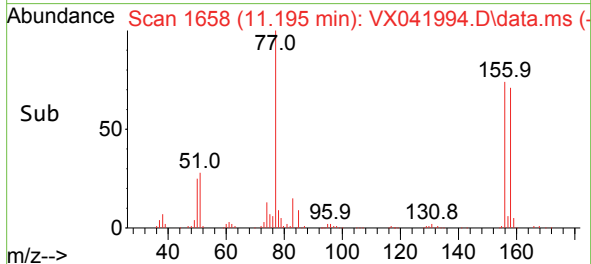
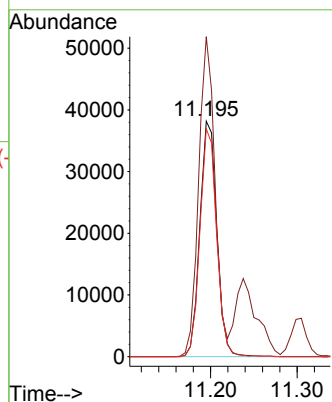
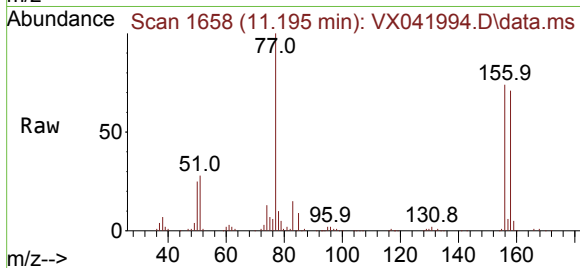
Tgt Ion:156 Resp: 51683

Ion Ratio Lower Upper

156 100

77 131.2 0.0 266.2

158 95.4 0.0 195.2



#74

n-propylbenzene

Concen: 18.041 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX041994.D

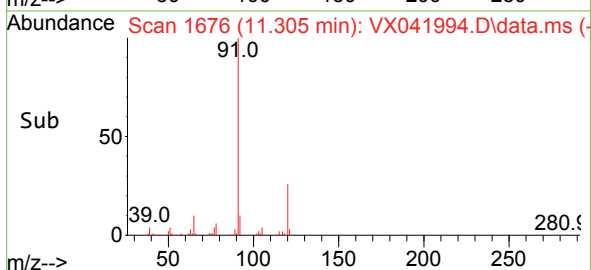
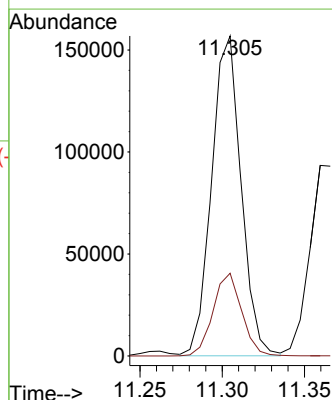
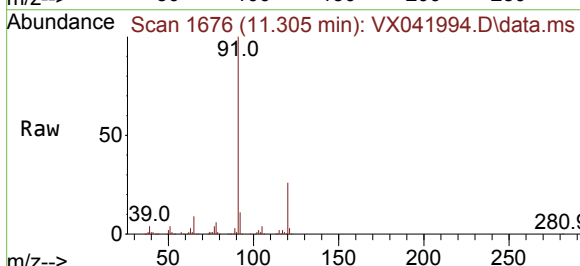
Acq: 24 Jun 2024 09:10

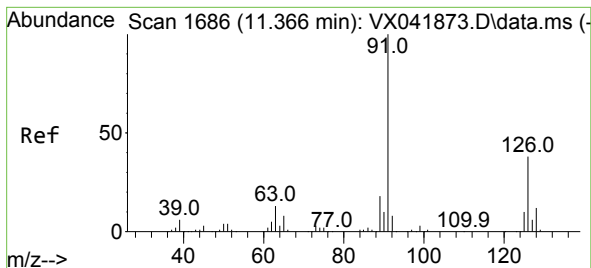
Tgt Ion: 91 Resp: 195420

Ion Ratio Lower Upper

91 100

120 25.2 0.0 49.6

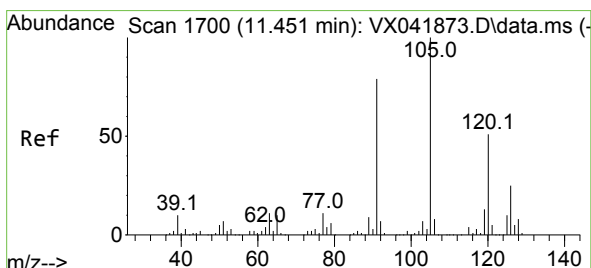
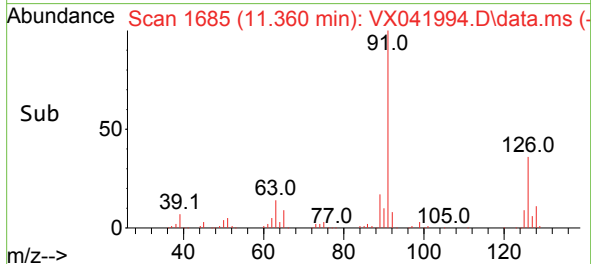
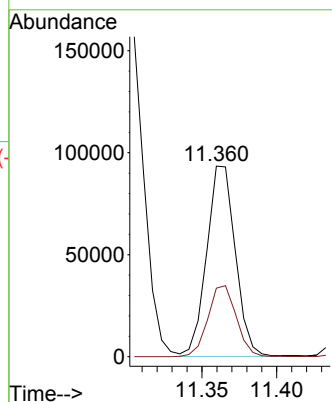
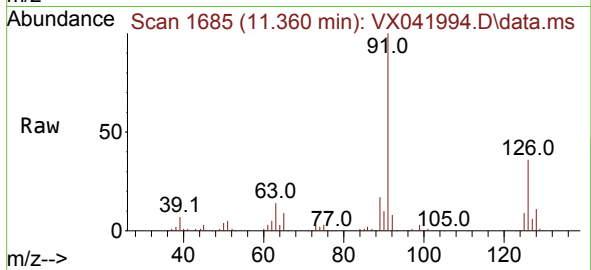




#75  
2-Chlorotoluene  
Concen: 18.095 ug/l  
RT: 11.360 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

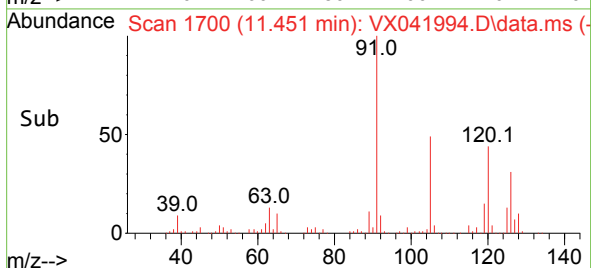
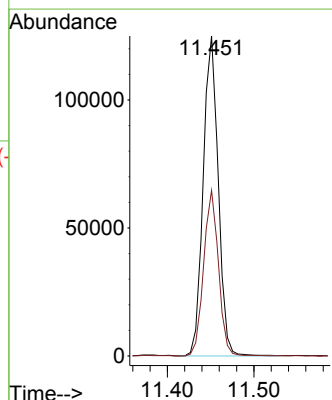
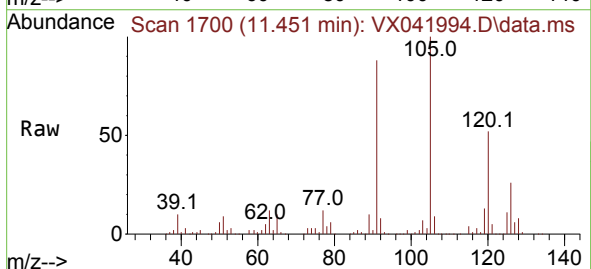
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

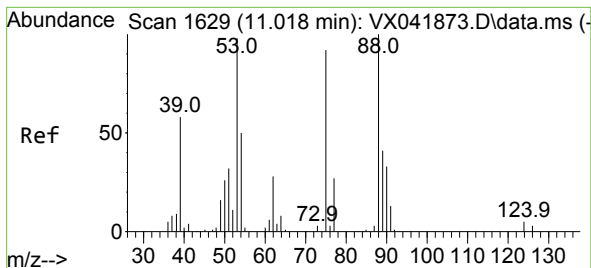
Tgt Ion: 91 Resp: 124465  
Ion Ratio Lower Upper  
91 100  
126 37.0 0.0 72.6



#76  
1,3,5-Trimethylbenzene  
Concen: 18.254 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 105 Resp: 150796  
Ion Ratio Lower Upper  
105 100  
120 51.1 0.0 103.0

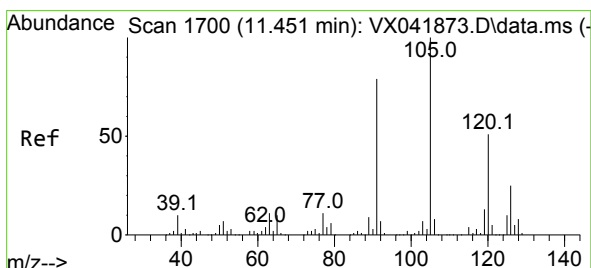
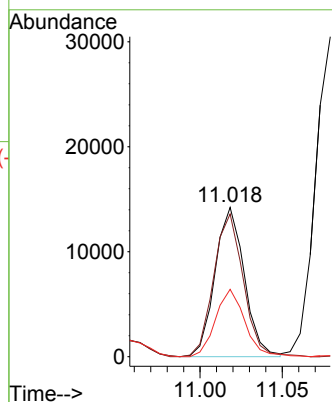
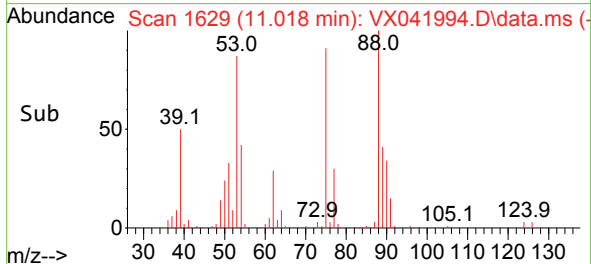
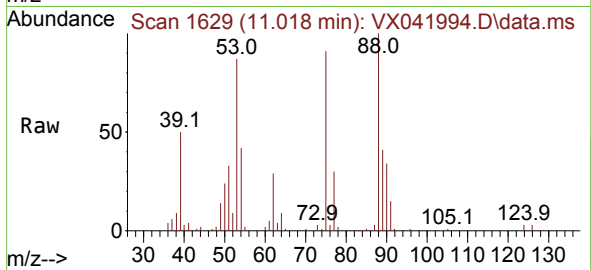




#77  
t-1,4-Dichloro-2-butene  
Concen: 17.251 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

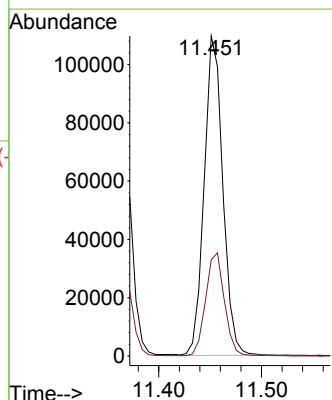
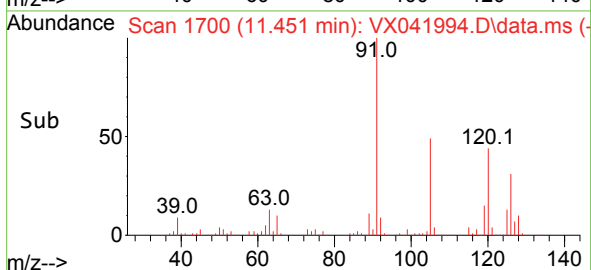
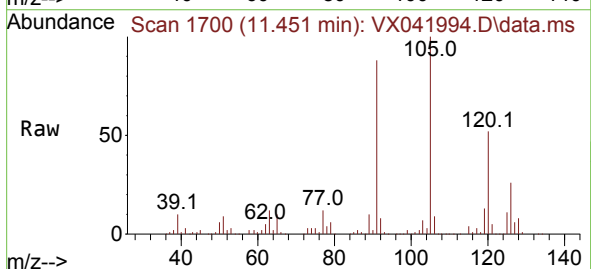
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

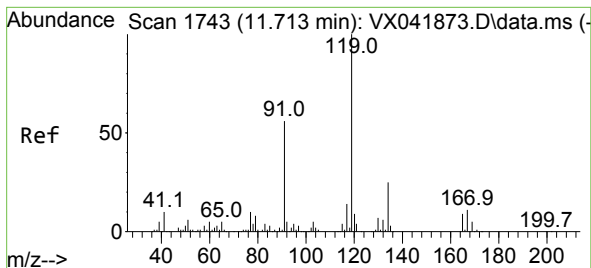
Tgt Ion: 75 Resp: 17640  
Ion Ratio Lower Upper  
75 100  
53 95.6 53.4 160.2  
89 45.1 22.5 67.5



#78  
4-Chlorotoluene  
Concen: 18.102 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 91 Resp: 138317  
Ion Ratio Lower Upper  
91 100  
126 32.7 0.0 64.8





#79

tert-butylbenzene

Concen: 17.961 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

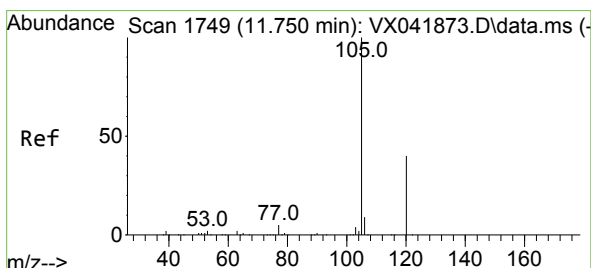
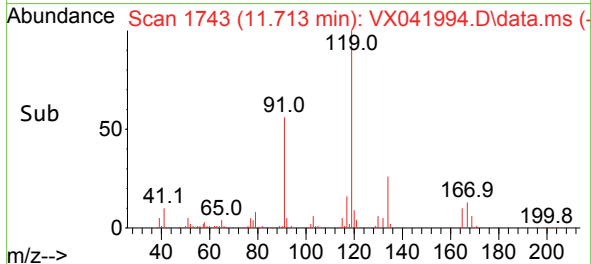
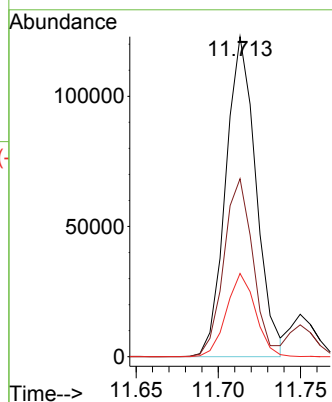
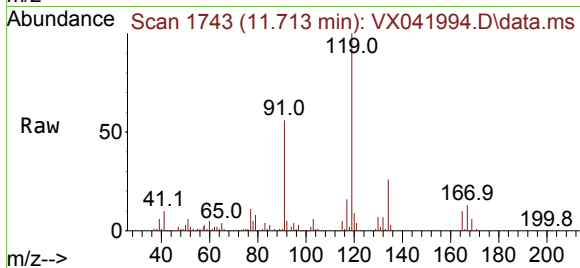
Tgt Ion:119 Resp: 157496

Ion Ratio Lower Upper

119 100

91 53.8 0.0 106.0

134 25.0 0.0 49.4



#80

1,2,4-Trimethylbenzene

Concen: 18.257 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX041994.D

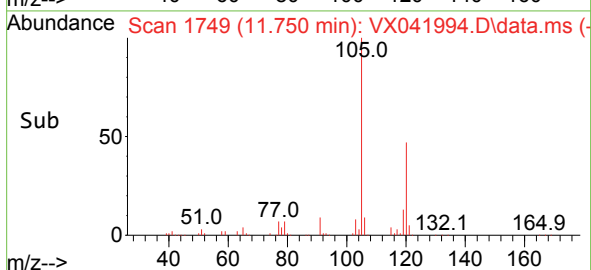
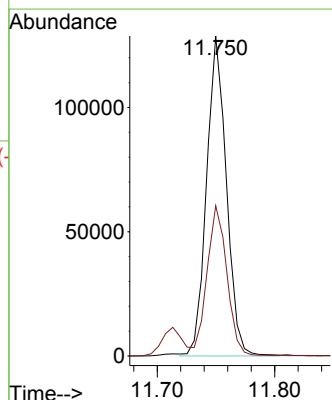
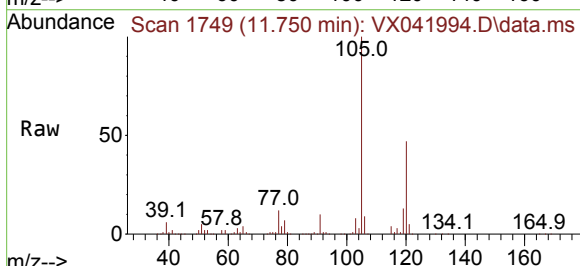
Acq: 24 Jun 2024 09:10

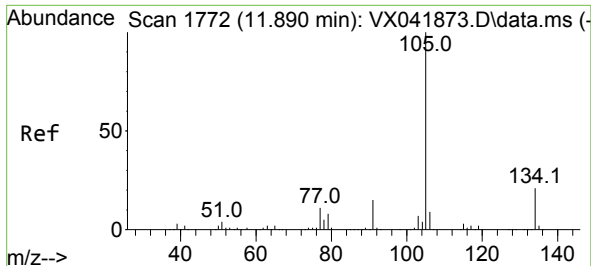
Tgt Ion:105 Resp: 150677

Ion Ratio Lower Upper

105 100

120 47.0 0.0 96.2

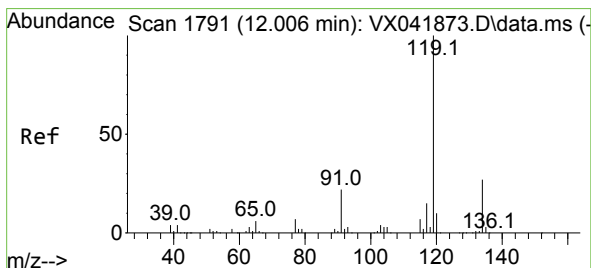
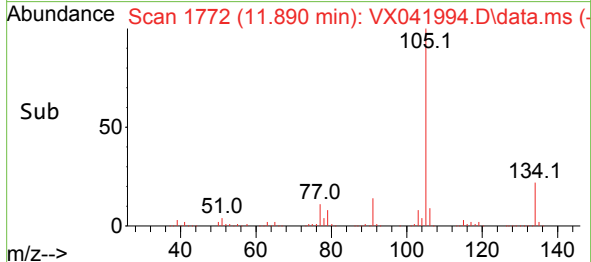
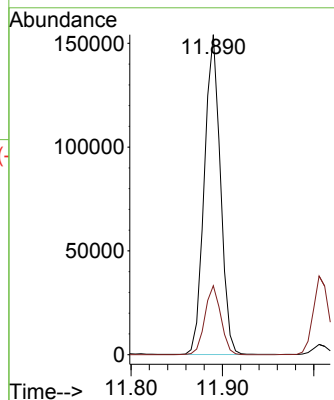
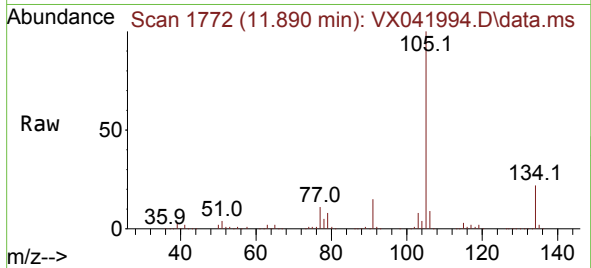




#81  
 sec-Butylbenzene  
 Concen: 18.338 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX041994.D  
 Acq: 24 Jun 2024 09:10

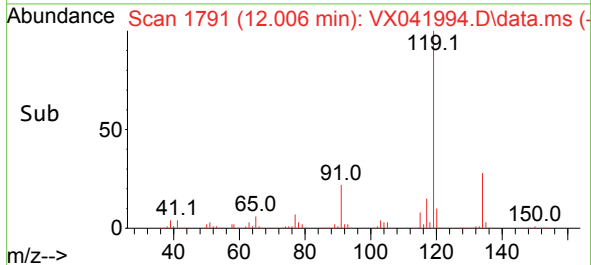
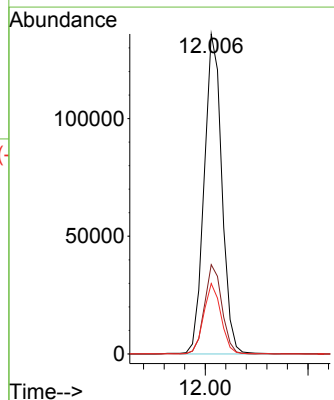
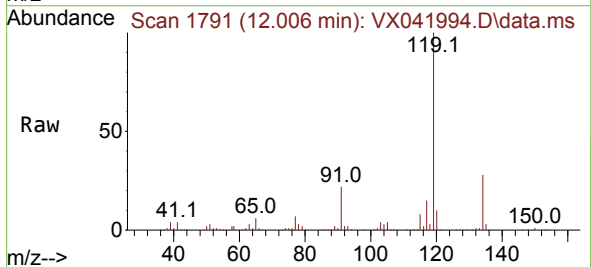
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

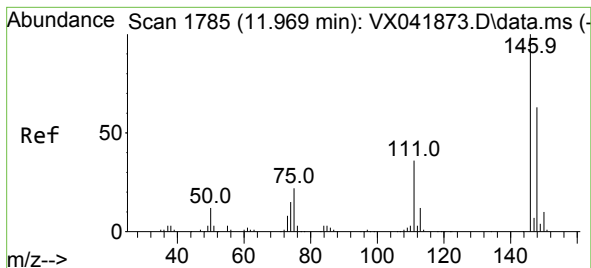
Tgt Ion:105 Resp: 187562  
 Ion Ratio Lower Upper  
 105 100  
 134 21.4 0.0 43.2



#82  
 p-Isopropyltoluene  
 Concen: 18.142 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX041994.D  
 Acq: 24 Jun 2024 09:10

Tgt Ion:119 Resp: 162600  
 Ion Ratio Lower Upper  
 119 100  
 134 27.5 0.0 54.0  
 91 21.6 0.0 42.2





#83

1,3-Dichlorobenzene

Concen: 17.858 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

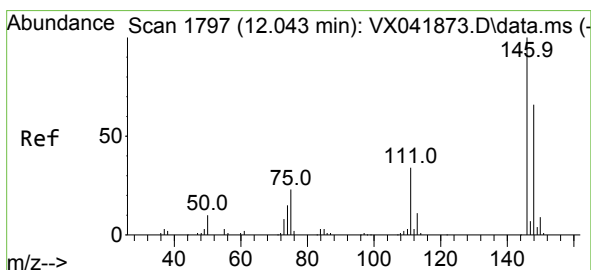
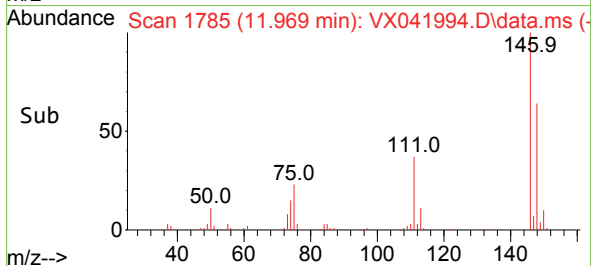
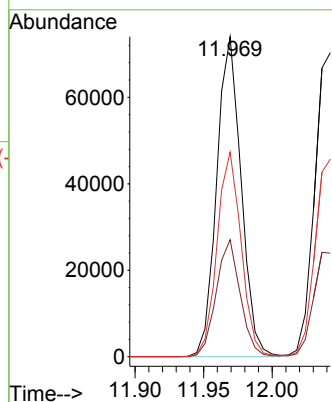
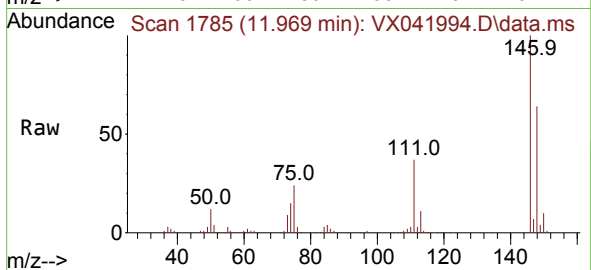
Tgt Ion:146 Resp: 91583

Ion Ratio Lower Upper

146 100

111 36.1 18.0 54.0

148 63.4 31.9 95.7



#84

1,4-Dichlorobenzene

Concen: 17.675 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

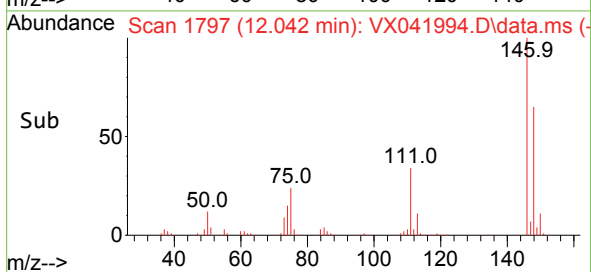
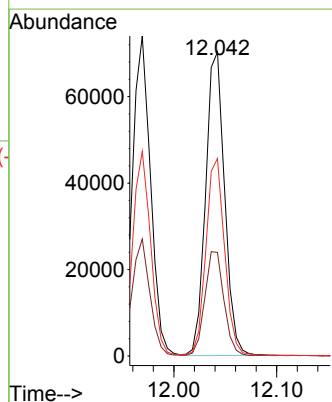
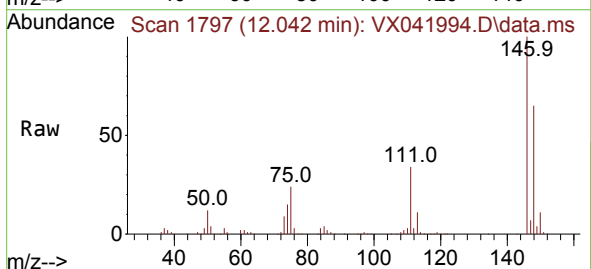
Tgt Ion:146 Resp: 90229

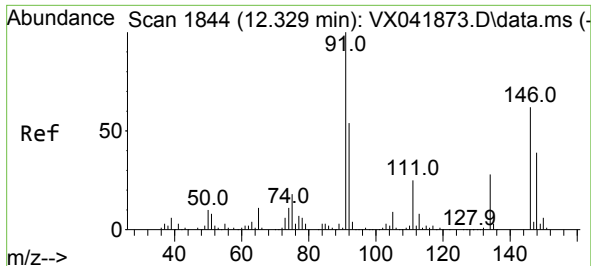
Ion Ratio Lower Upper

146 100

111 35.3 17.4 52.3

148 64.1 32.3 96.9

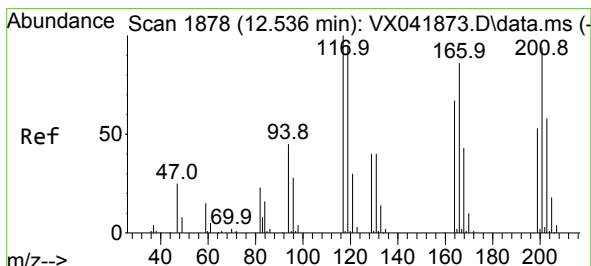
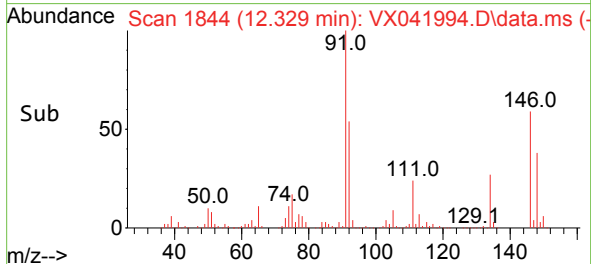
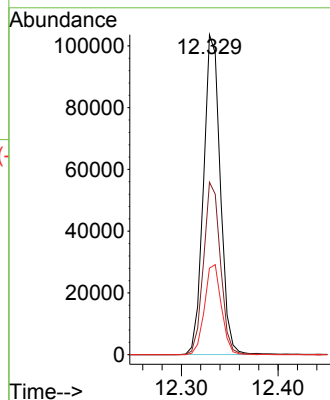
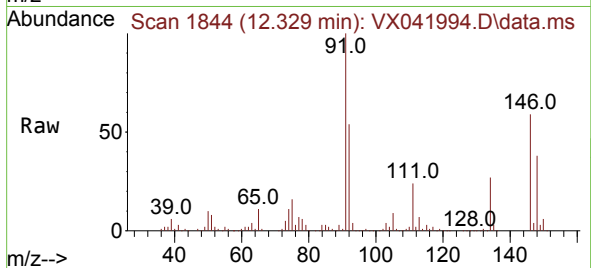




#85  
n-Butylbenzene  
Concen: 18.064 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

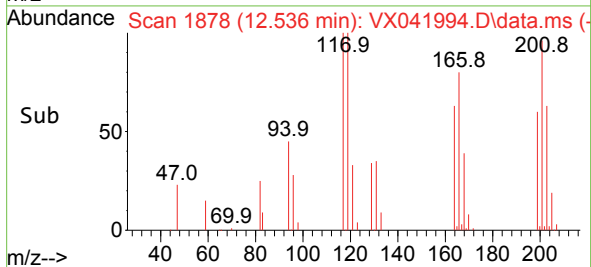
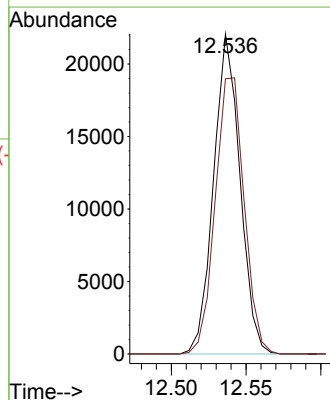
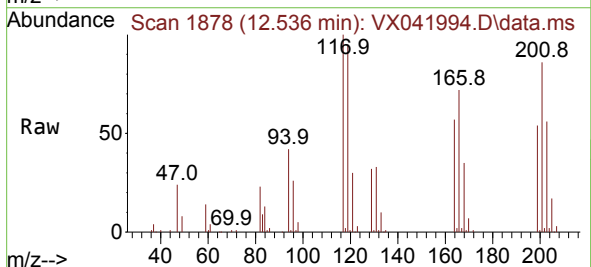
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

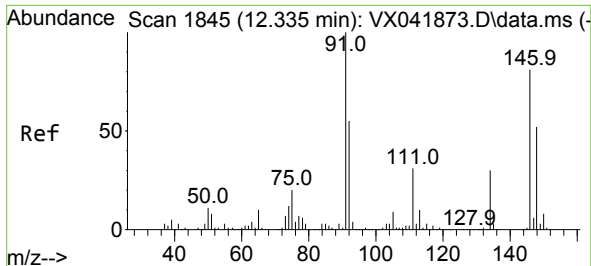
Tgt Ion: 91 Resp: 125194  
Ion Ratio Lower Upper  
91 100  
92 54.1 0.0 109.8  
134 28.4 0.0 58.4



#86  
Hexachloroethane  
Concen: 18.526 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VX041994.D  
Acq: 24 Jun 2024 09:10

Tgt Ion: 117 Resp: 27117  
Ion Ratio Lower Upper  
117 100  
201 94.7 48.9 146.8

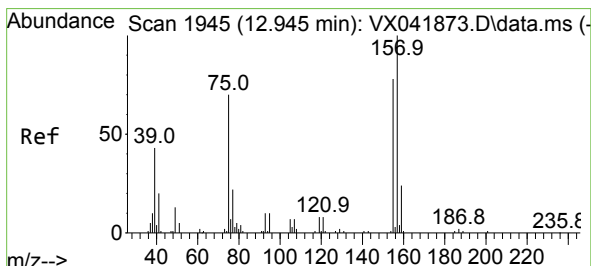
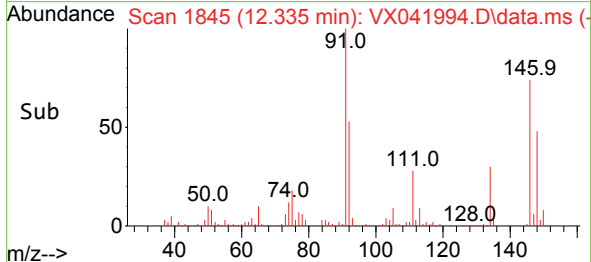
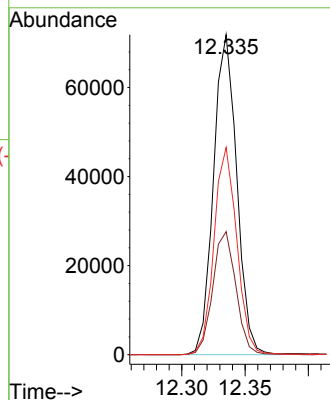
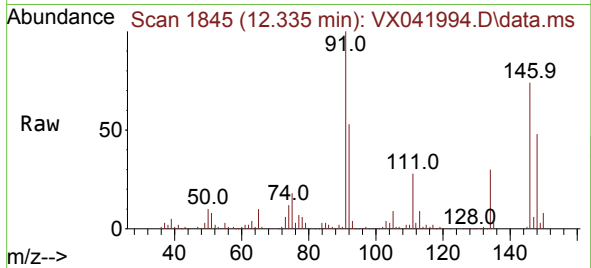




#87  
 1,2-Dichlorobenzene  
 Concen: 17.721 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. -0.000 min  
 Lab File: VX041994.D  
 Acq: 24 Jun 2024 09:10

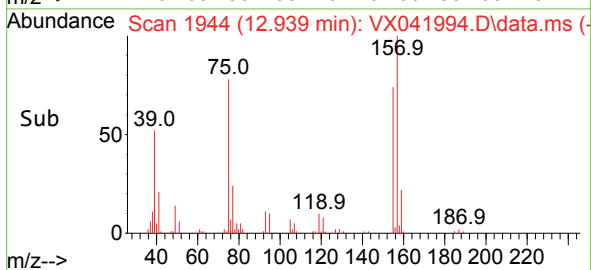
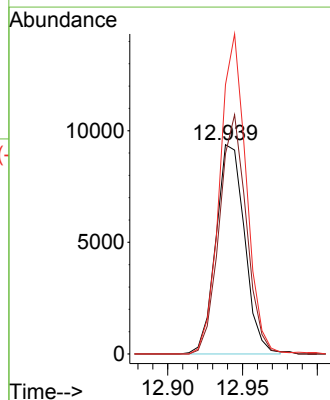
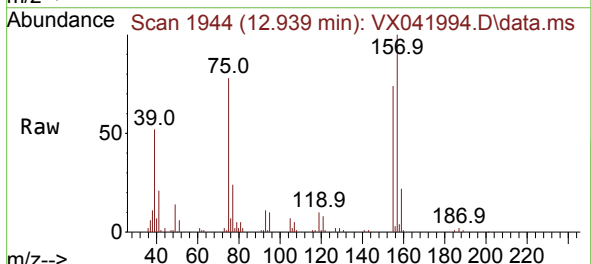
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

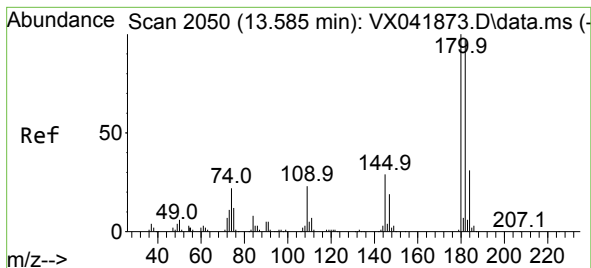
Tgt Ion:146 Resp: 91913  
 Ion Ratio Lower Upper  
 146 100  
 111 38.3 19.1 57.3  
 148 63.4 32.4 97.0



#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.755 ug/l  
 RT: 12.939 min Scan# 1944  
 Delta R.T. -0.006 min  
 Lab File: VX041994.D  
 Acq: 24 Jun 2024 09:10

Tgt Ion: 75 Resp: 12533  
 Ion Ratio Lower Upper  
 75 100  
 155 107.1 88.6 133.0  
 157 140.4 112.8 169.2





#89

1,2,4-Trichlorobenzene

Concen: 16.827 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

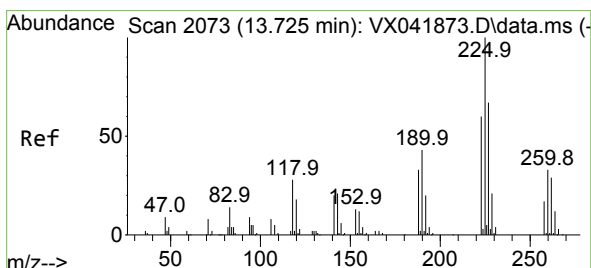
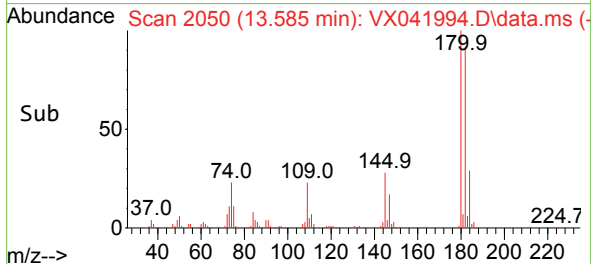
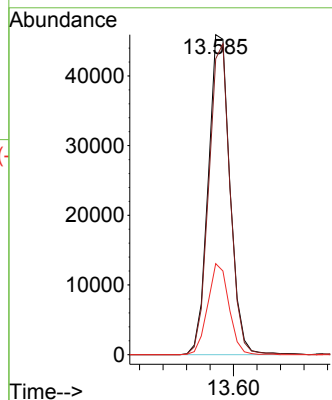
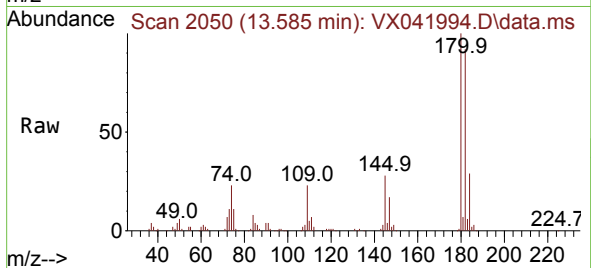
Tgt Ion:180 Resp: 59078

Ion Ratio Lower Upper

180 100

182 95.2 76.9 115.3

145 27.7 22.8 34.2



#90

Hexachlorobutadiene

Concen: 17.773 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

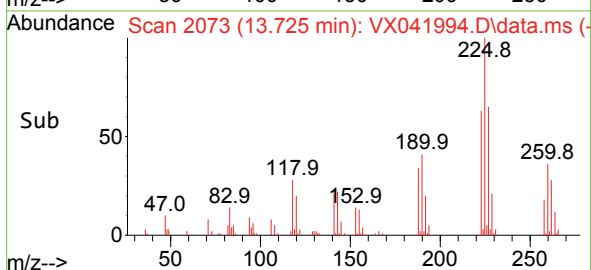
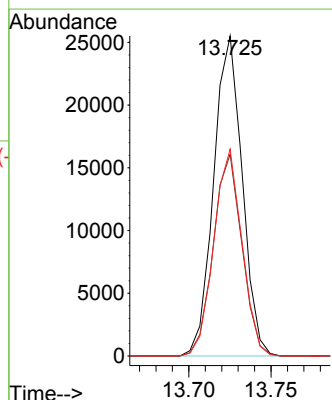
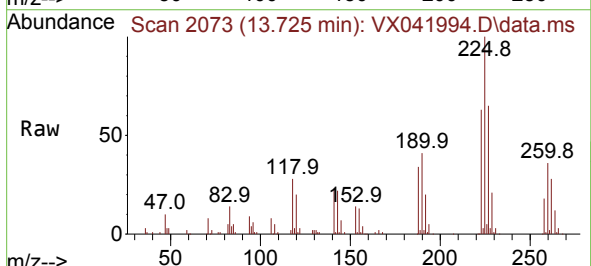
Tgt Ion:225 Resp: 30748

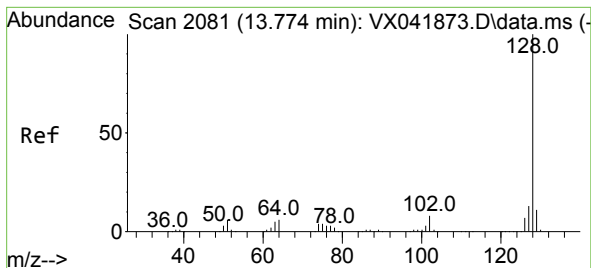
Ion Ratio Lower Upper

225 100

223 63.2 0.0 120.8

227 63.7 0.0 126.6





#91

Naphthalene

Concen: 16.591 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

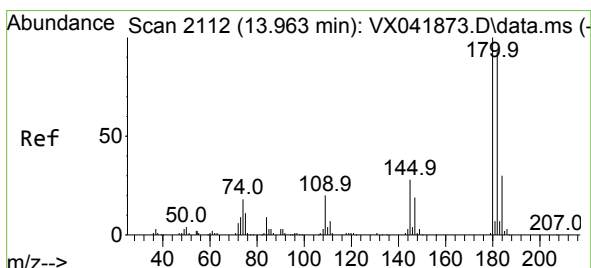
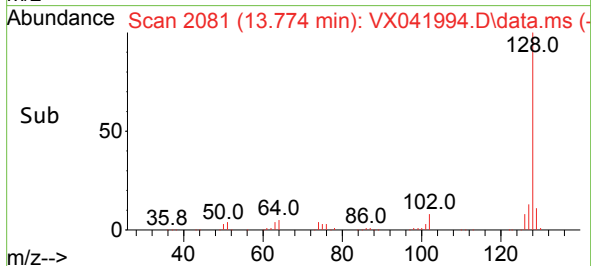
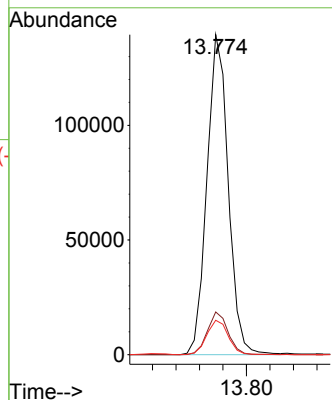
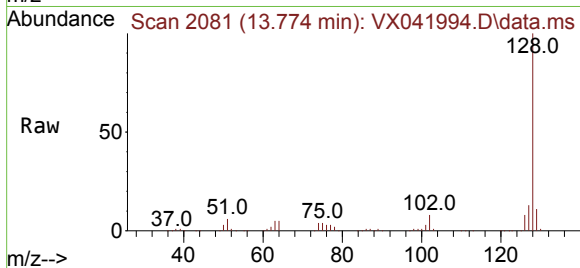
Tgt Ion:128 Resp: 176004

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.7 13.1



#92

1,2,3-Trichlorobenzene

Concen: 17.120 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX041994.D

Acq: 24 Jun 2024 09:10

Tgt Ion:180 Resp: 62248

Ion Ratio Lower Upper

180 100

182 95.0 0.0 187.8

145 29.3 0.0 58.4

