

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022723\  
 Data File : VX034271.D  
 Acq On : 27 Feb 2023 11:00  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Feb 28 04:07:23 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 17 12:33:35 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 326877   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 530191   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 486284   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 246583   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 185660   | 42.174   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 84.340%  |
| 35) Dibromofluoromethane    | 5.379  | 113   | 155744   | 45.116   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 90.240%  |
| 50) Toluene-d8              | 8.647  | 98    | 585111   | 47.209   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 94.420%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 238861   | 50.384   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 100.760% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 135559  | 47.993  | ug/l   | 98  |
| 3) Chloromethane             | 1.301 | 50  | 189305  | 46.573  | ug/l   | 100 |
| 4) Vinyl Chloride            | 1.374 | 62  | 188544  | 50.933  | ug/l   | 100 |
| 5) Bromomethane              | 1.599 | 94  | 84697   | 61.930  | ug/l   | 99  |
| 6) Chloroethane              | 1.679 | 64  | 106268  | 57.103  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 281768  | 56.262  | ug/l   | 99  |
| 8) Diethyl Ether             | 2.130 | 74  | 103895  | 51.493  | ug/l   | 94  |
| 9) 1,1,2-Trichlorotrifluo... | 2.325 | 101 | 166894  | 47.320  | ug/l   | 95  |
| 10) Methyl Iodide            | 2.453 | 142 | 193849  | 45.141  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 2.953 | 59  | 207848  | 211.094 | ug/l # | 84  |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 158483  | 44.826  | ug/l   | 96  |
| 13) Acrolein                 | 2.233 | 56  | 115219  | 256.349 | ug/l   | 98  |
| 14) Allyl chloride           | 2.660 | 41  | 327822  | 43.711  | ug/l   | 89  |
| 15) Acrylonitrile            | 3.056 | 53  | 507166  | 236.113 | ug/l   | 99  |
| 16) Acetone                  | 2.374 | 43  | 518174  | 228.180 | ug/l   | 94  |
| 17) Carbon Disulfide         | 2.508 | 76  | 413428  | 40.672  | ug/l   | 99  |
| 18) Methyl Acetate           | 2.697 | 43  | 336132  | 47.836  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 601525  | 48.206  | ug/l   | 97  |
| 20) Methylene Chloride       | 2.788 | 84  | 183541  | 44.856  | ug/l   | 99  |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 175687  | 47.422  | ug/l   | 98  |
| 22) Diisopropyl ether        | 3.757 | 45  | 675593  | 51.383  | ug/l   | 92  |
| 23) Vinyl Acetate            | 3.715 | 43  | 2605997 | 247.387 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 341601  | 47.326  | ug/l   | 99  |
| 25) 2-Butanone               | 4.550 | 43  | 772471  | 235.094 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 4.471 | 77  | 305364  | 46.701  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 211521  | 48.215  | ug/l   | 94  |
| 28) Bromochloromethane       | 4.891 | 49  | 139919  | 43.454  | ug/l   | 87  |
| 29) Tetrahydrofuran          | 4.995 | 42  | 473766  | 236.354 | ug/l   | 99  |
| 30) Chloroform               | 5.086 | 83  | 347464  | 50.132  | ug/l   | 98  |
| 31) Cyclohexane              | 5.464 | 56  | 307433  | 46.775  | ug/l   | 93  |
| 32) 1,1,1-Trichloroethane    | 5.379 | 97  | 303697  | 48.880  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.690 | 75  | 252860  | 49.529  | ug/l   | 99  |
| 37) Ethyl Acetate            | 4.708 | 43  | 287769  | 50.436  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 265963  | 50.627  | ug/l   | 99  |
| 39) Methylcyclohexane        | 7.373 | 83  | 321167  | 48.885  | ug/l   | 99  |
| 40) Benzene                  | 6.031 | 78  | 759352  | 50.191  | ug/l   | 99  |

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 Acq On : 27 Feb 2023 11:00  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Feb 28 04:07:23 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 17 12:33:35 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 164208   | 51.655  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 270236   | 50.786  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.330  | 43   | 504134   | 50.071  | ug/l   | 99       |
| 44) Trichloroethene           | 7.123  | 130  | 197809   | 50.949  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 201545   | 50.042  | ug/l   | 97       |
| 46) Dibromomethane            | 7.580  | 93   | 133976   | 50.545  | ug/l   | 88       |
| 47) Bromodichloromethane      | 7.818  | 83   | 273265   | 50.236  | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.690  | 41   | 236514   | 49.492  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 91233    | 957.130 | ug/l # | 100      |
| 51) 4-Methyl-2-Pentanone      | 8.568  | 43   | 1481172  | 267.385 | ug/l   | 99       |
| 52) Toluene                   | 8.714  | 92   | 487880   | 53.220  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 325233   | 51.943  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.360  | 75   | 340343   | 50.774  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 198672   | 53.691  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 332013   | 53.040  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 340199   | 52.843  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 694639   | 256.171 | ug/l   | 95       |
| 59) 2-Hexanone                | 9.427  | 43   | 1147529  | 271.819 | ug/l   | 98       |
| 60) Dibromochloromethane      | 9.519  | 129  | 220936   | 54.037  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 209701   | 53.585  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.269  | 164  | 166767   | 48.591  | ug/l   | 93       |
| 65) Chlorobenzene             | 10.079 | 112  | 520181   | 51.317  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 200056   | 50.981  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 950412   | 52.189  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 730490   | 104.819 | ug/l   | 95       |
| 69) o-Xylene                  | 10.640 | 106  | 365110   | 52.624  | ug/l   | 95       |
| 70) Styrene                   | 10.653 | 104  | 606433   | 53.743  | ug/l   | 95       |
| 71) Bromoform                 | 10.799 | 173  | 167329   | 52.240  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 948062   | 50.448  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.842 | 43   | 466452   | 49.406  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 316801   | 49.287  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 371245   | 59.833  | ug/l   | 83       |
| 77) Bromobenzene              | 11.195 | 156  | 227082   | 50.212  | ug/l   | 82       |
| 78) n-propylbenzene           | 11.305 | 91   | 1135821  | 51.968  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 684407   | 51.068  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 804385   | 50.910  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 116603   | 48.277  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 784439   | 51.390  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 822462   | 50.826  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 810359   | 50.725  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 1029676  | 52.398  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 849650   | 52.244  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 436633   | 51.481  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 437774   | 51.173  | ug/l   | 96       |
| 89) n-Butylbenzene            | 12.329 | 91   | 775645   | 53.548  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 171652   | 50.480  | ug/l   | 80       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 424785   | 51.189  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 72384    | 47.225  | ug/l   | 76       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 280025   | 52.560  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 117639   | 53.264  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 899606   | 50.124  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 268863   | 50.832  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022723\  
Data File : VX034271.D  
Acq On : 27 Feb 2023 11:00  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

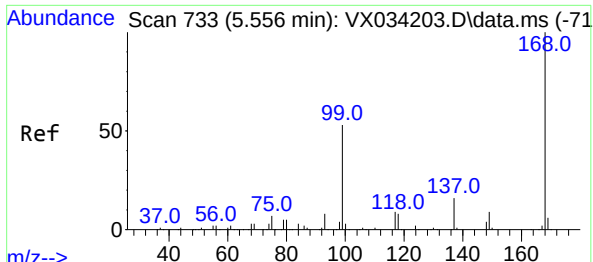
Quant Time: Feb 28 04:07:23 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 17 12:33:35 2023  
Response via : Initial Calibration

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

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

Quant Time: Feb 28 04:07:23 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 17 12:33:35 2023  
Response via : Initial Calibration

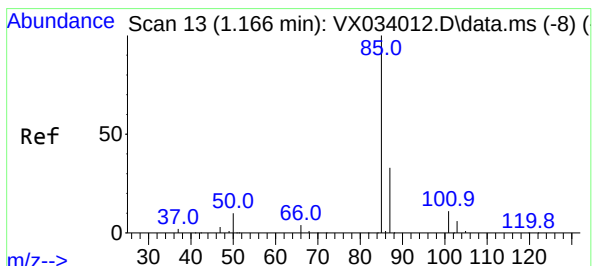
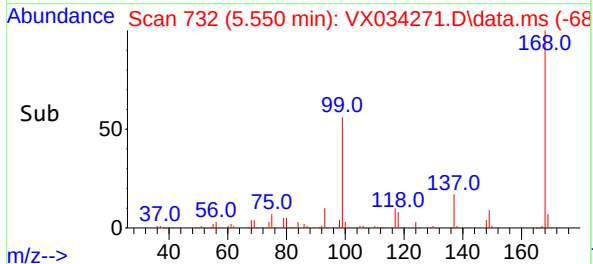
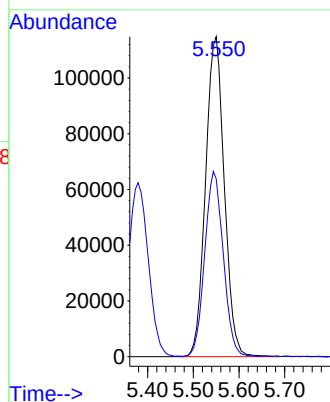
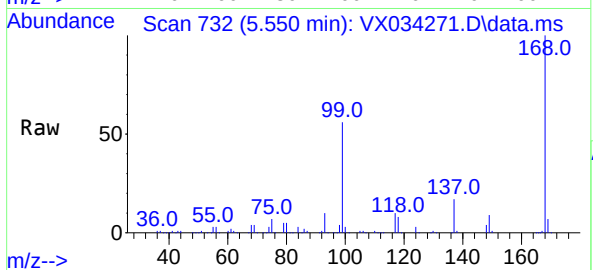




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

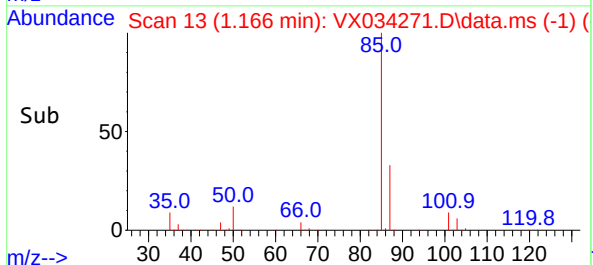
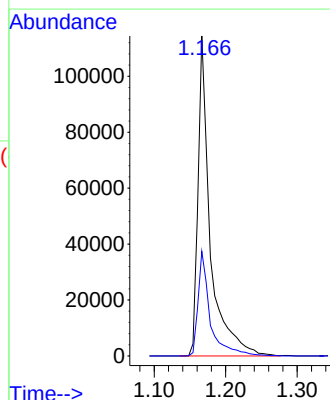
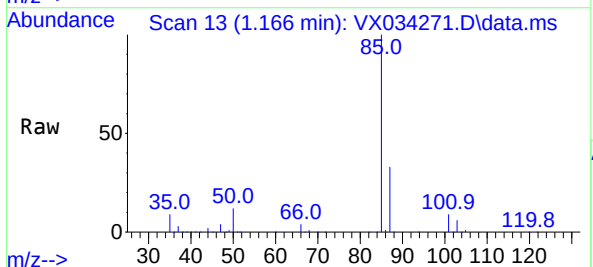
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

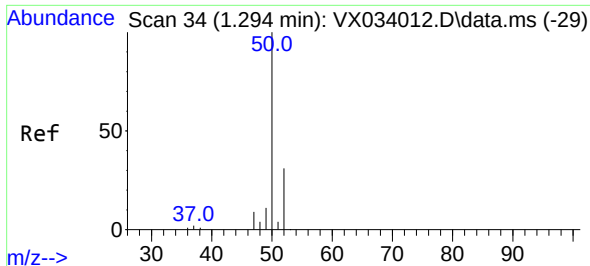
Tgt Ion:168 Resp: 326877  
Ion Ratio Lower Upper  
168 100  
99 55.6 39.6 59.4



#2  
Dichlorodifluoromethane  
Concen: 47.993 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 85 Resp: 135559  
Ion Ratio Lower Upper  
85 100  
87 32.7 15.8 47.4

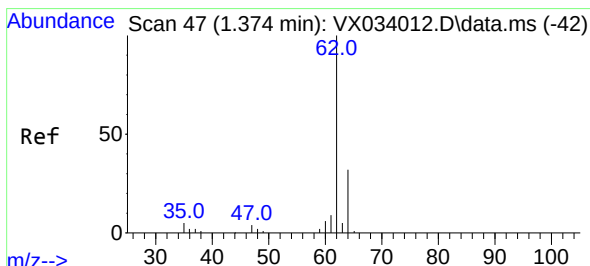
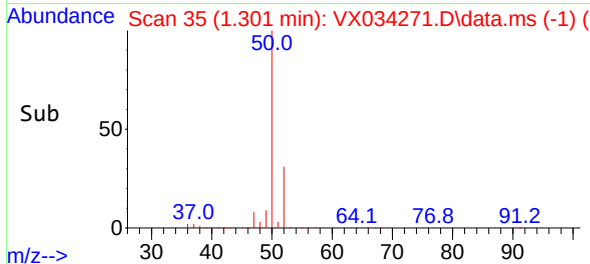
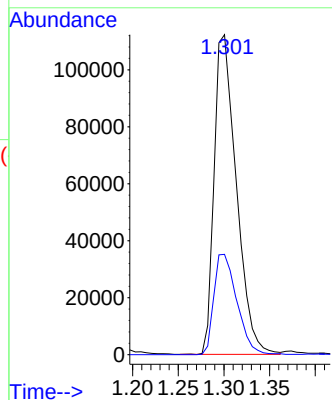
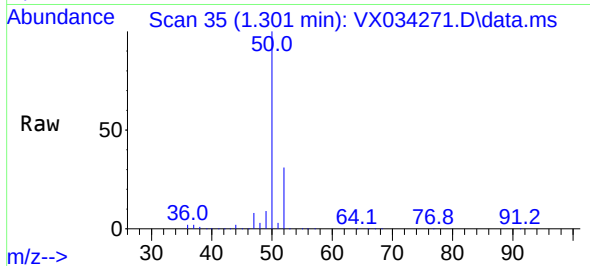




#3  
Chloromethane  
Concen: 46.573 ug/l  
RT: 1.301 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

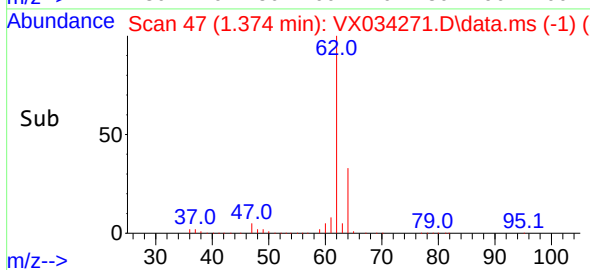
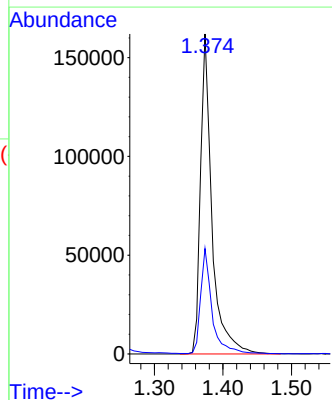
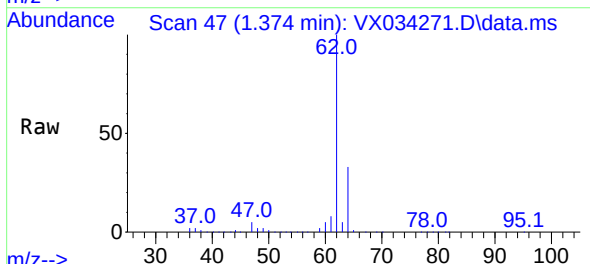
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

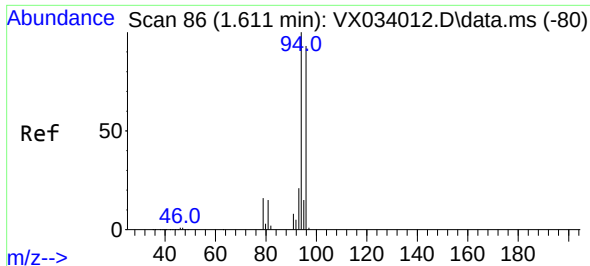
Tgt Ion: 50 Resp: 189305  
Ion Ratio Lower Upper  
50 100  
52 31.4 25.2 37.8



#4  
Vinyl Chloride  
Concen: 50.933 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 62 Resp: 188544  
Ion Ratio Lower Upper  
62 100  
64 32.8 26.2 39.4

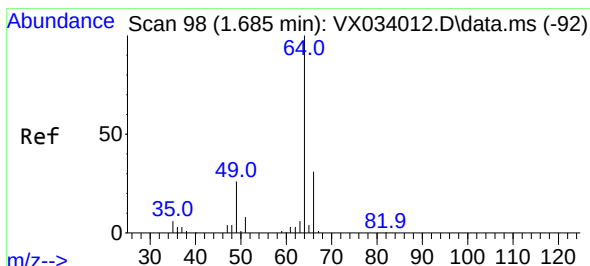
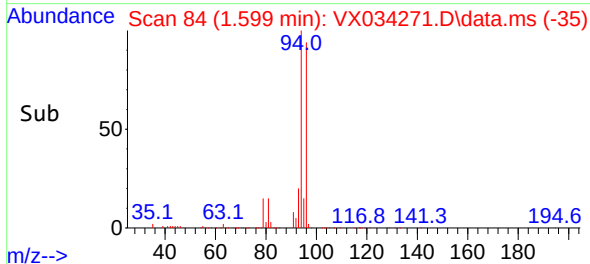
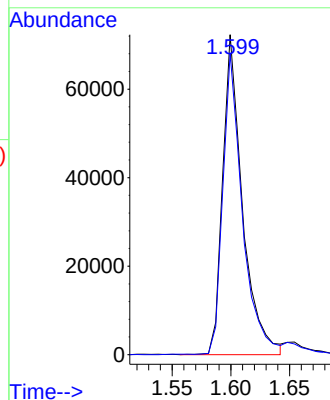
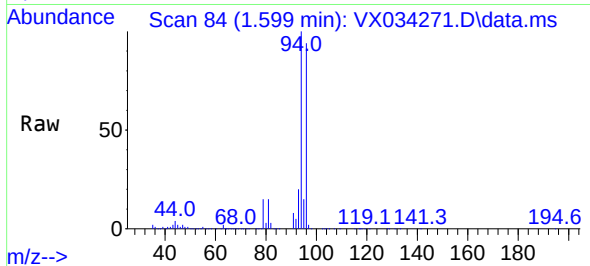




#5  
Bromomethane  
Concen: 61.930 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

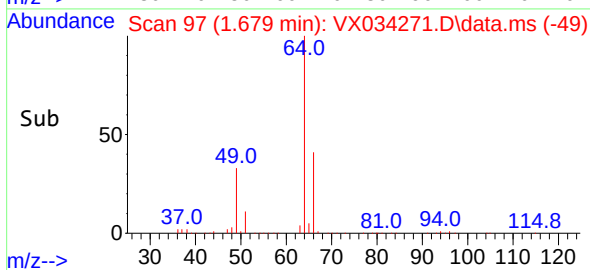
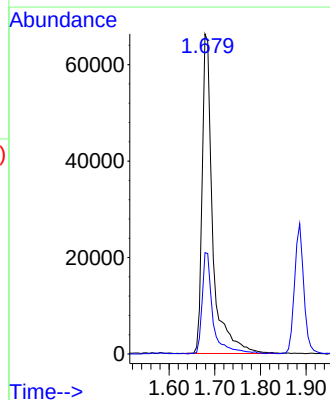
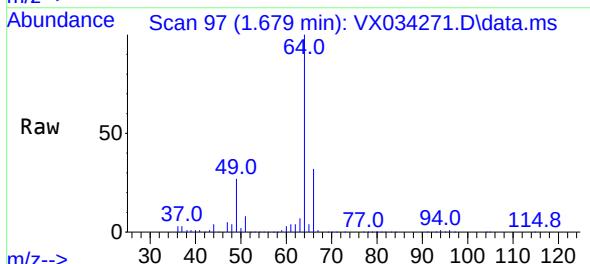
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

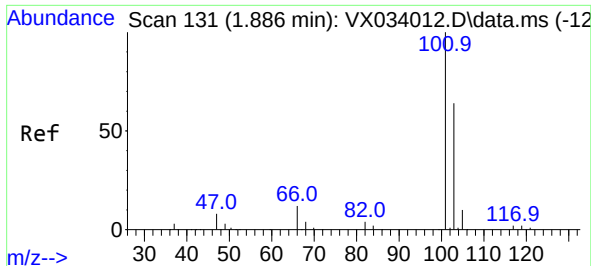
Tgt Ion: 94 Resp: 84697  
Ion Ratio Lower Upper  
94 100  
96 94.1 74.3 111.5



#6  
Chloroethane  
Concen: 57.103 ug/l  
RT: 1.679 min Scan# 97  
Delta R.T. -0.006 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 64 Resp: 106268  
Ion Ratio Lower Upper  
64 100  
66 31.6 26.1 39.1

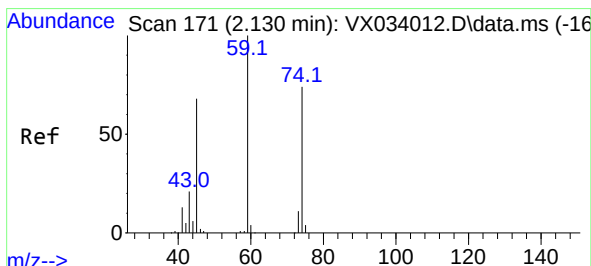
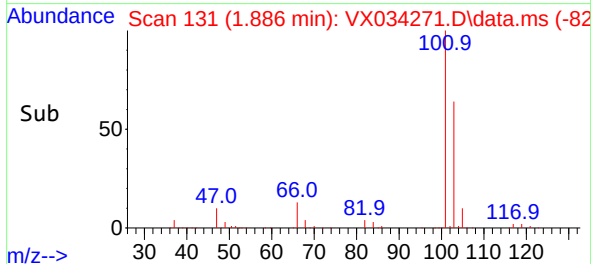
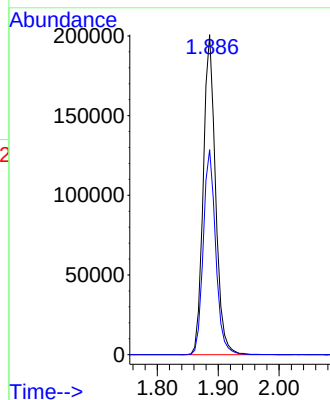
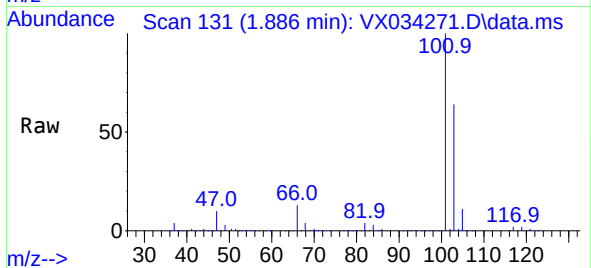




#7  
Trichlorofluoromethane  
Concen: 56.262 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

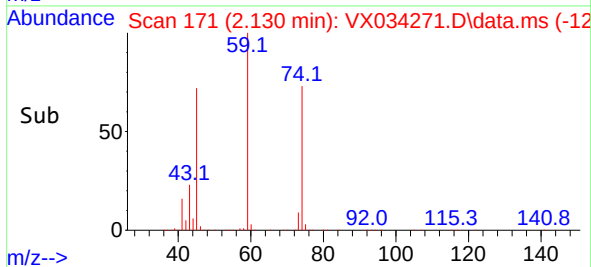
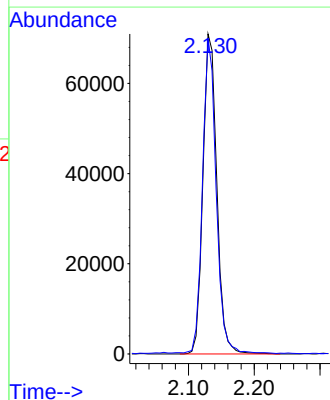
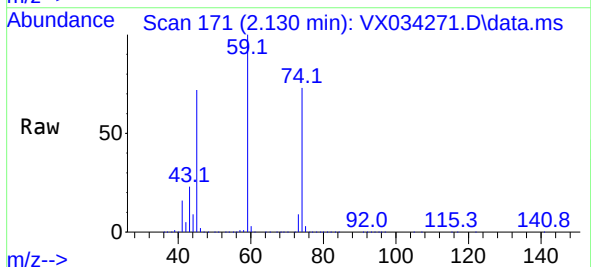
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:101 Resp: 281768  
Ion Ratio Lower Upper  
101 100  
103 64.1 50.6 75.8

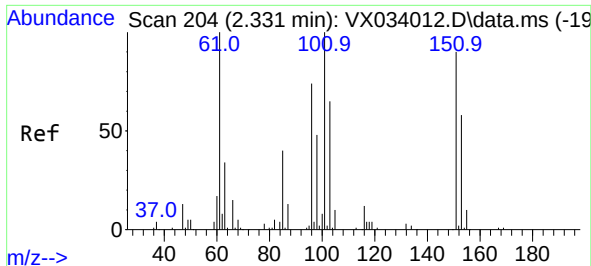


#8  
Diethyl Ether  
Concen: 51.493 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 74 Resp: 103895  
Ion Ratio Lower Upper  
74 100  
45 97.2 51.5 154.5



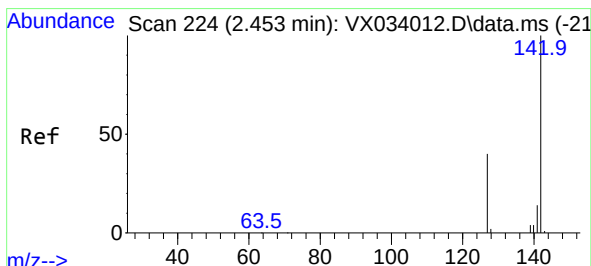
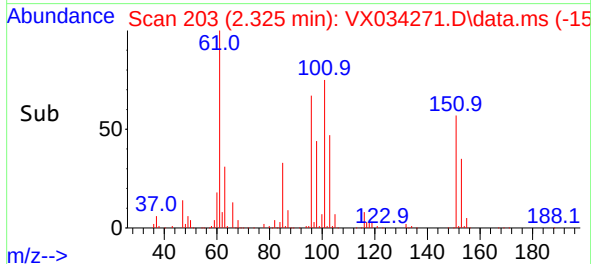
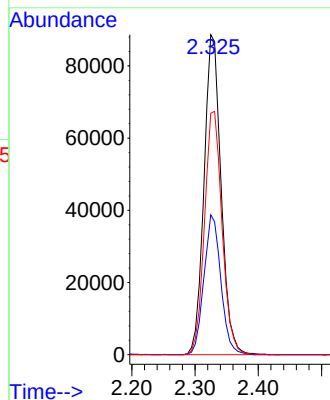
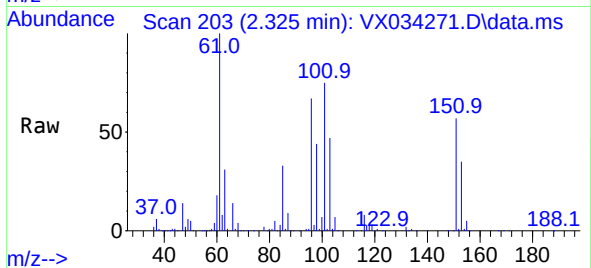




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.320 ug/l  
RT: 2.325 min Scan# 204  
Delta R.T. -0.006 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

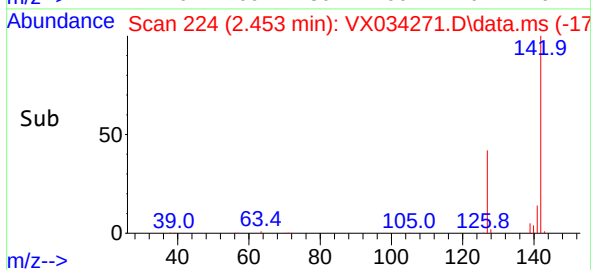
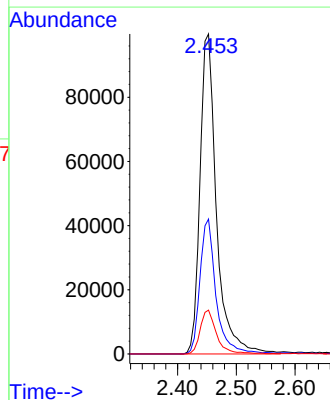
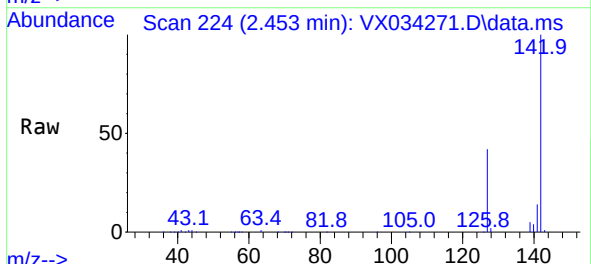
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

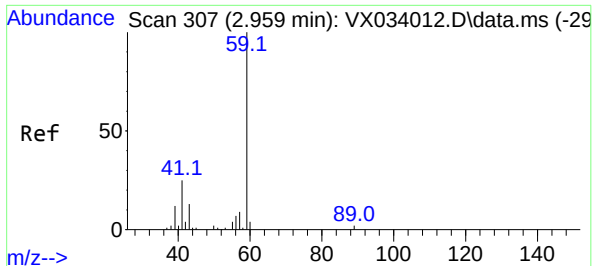
Tgt Ion:101 Resp: 166894  
Ion Ratio Lower Upper  
101 100  
85 43.3 36.7 55.1  
151 78.2 66.5 99.7



#10  
Methyl Iodide  
Concen: 45.141 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion:142 Resp: 193849  
Ion Ratio Lower Upper  
142 100  
127 41.3 37.3 55.9  
141 13.6 11.5 17.3

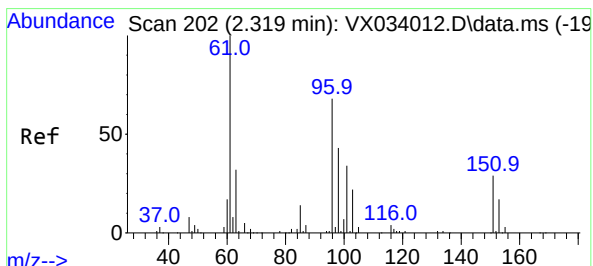
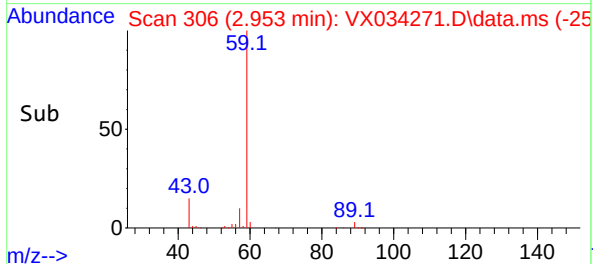
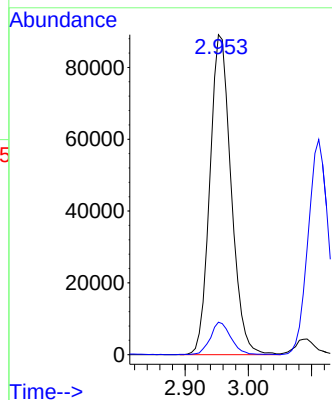
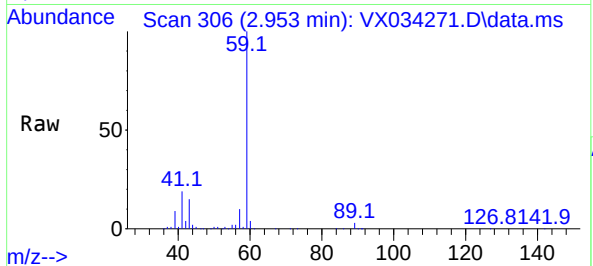




#11  
Tert butyl alcohol  
Concen: 211.094 ug/l  
RT: 2.953 min Scan# 307  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

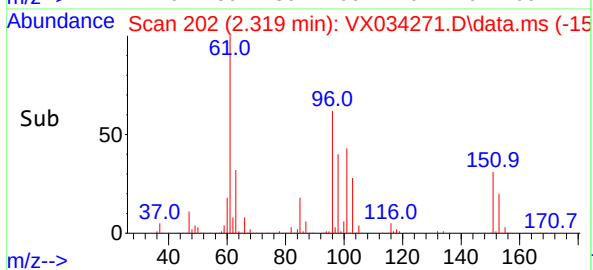
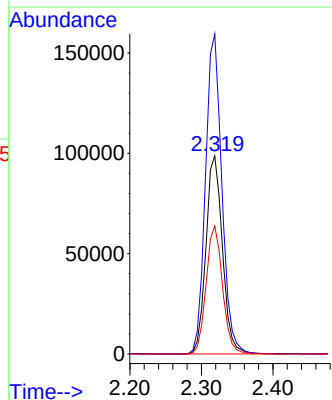
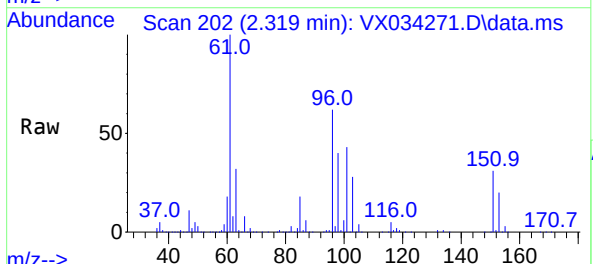
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

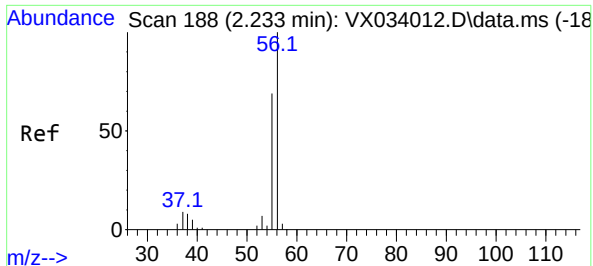
Tgt Ion: 59 Resp: 207848  
Ion Ratio Lower Upper  
59 100  
57 9.9 3.7 5.5#



#12  
1,1-Dichloroethene  
Concen: 44.826 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 96 Resp: 158483  
Ion Ratio Lower Upper  
96 100  
61 161.5 134.2 201.4  
98 64.6 50.2 75.2

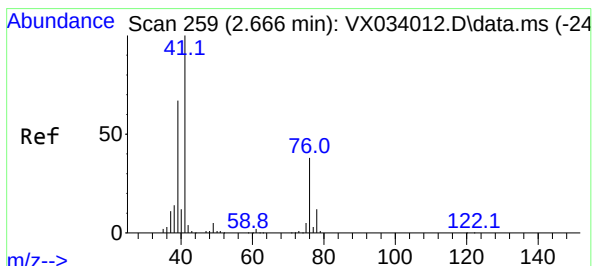
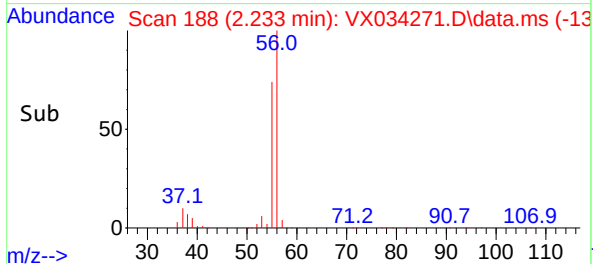
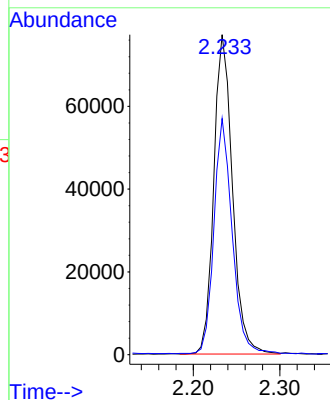
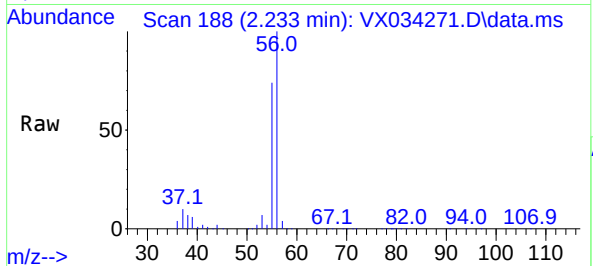




#13  
Acrolein  
Concen: 256.349 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

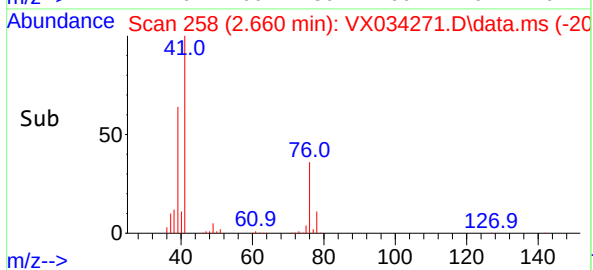
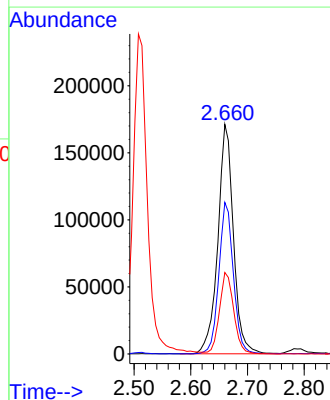
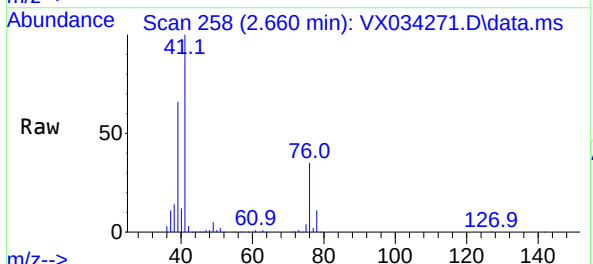
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

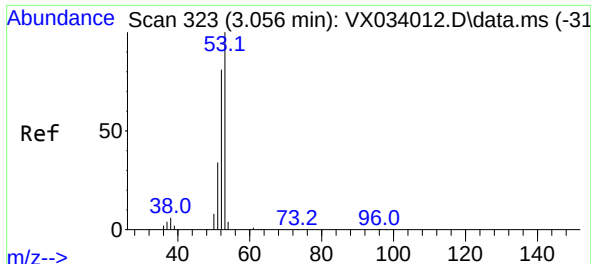
Tgt Ion: 56 Resp: 115219  
Ion Ratio Lower Upper  
56 100  
55 72.0 56.3 84.5



#14  
Allyl chloride  
Concen: 43.711 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 41 Resp: 327822  
Ion Ratio Lower Upper  
41 100  
39 61.2 59.0 88.4  
76 32.6 24.6 37.0

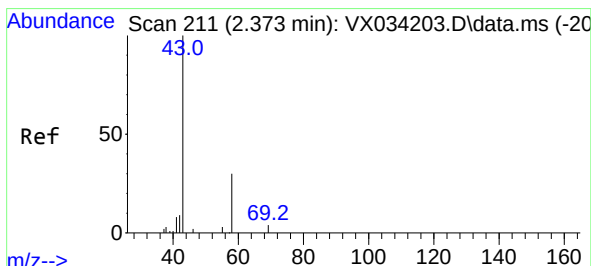
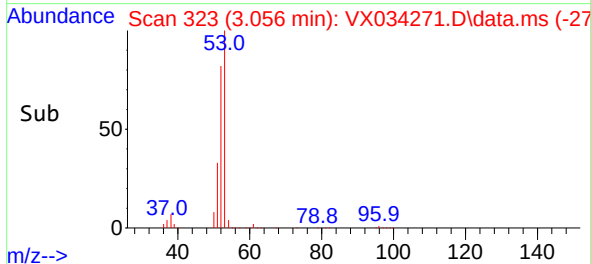
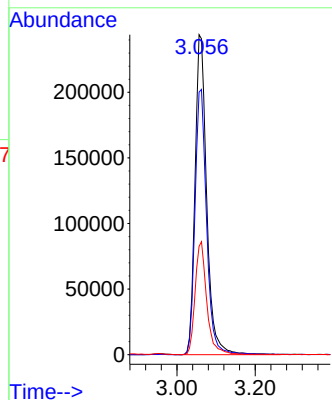
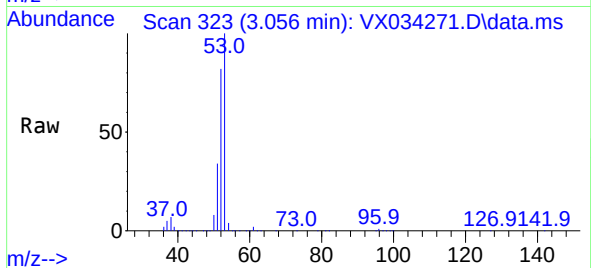




#15  
Acrylonitrile  
Concen: 236.113 ug/l  
RT: 3.056 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

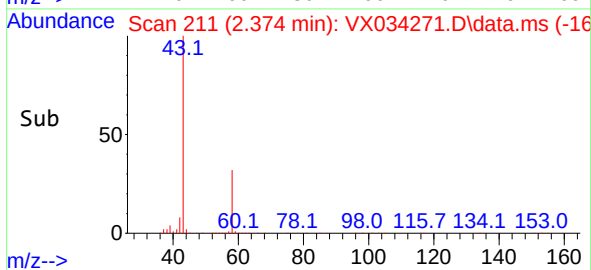
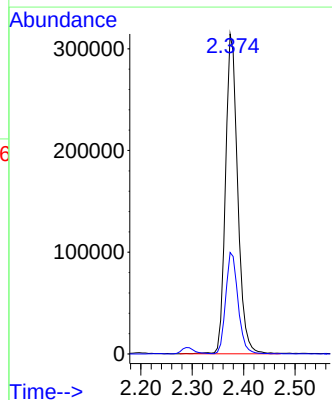
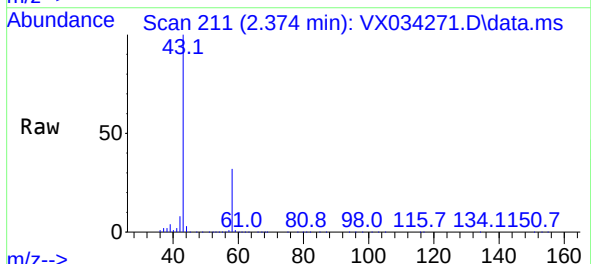
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

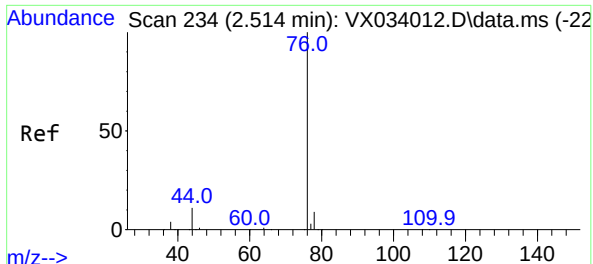
Tgt Ion: 53 Resp: 507166  
Ion Ratio Lower Upper  
53 100  
52 82.6 65.7 98.5  
51 35.3 29.0 43.4



#16  
Acetone  
Concen: 228.180 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 43 Resp: 518174  
Ion Ratio Lower Upper  
43 100  
58 31.6 22.6 33.8

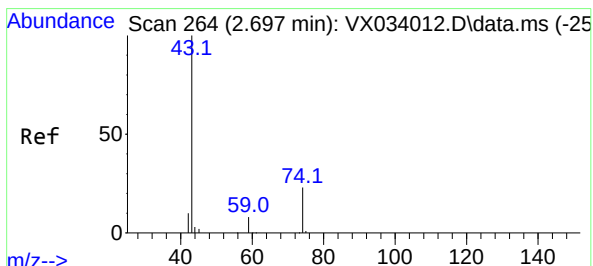
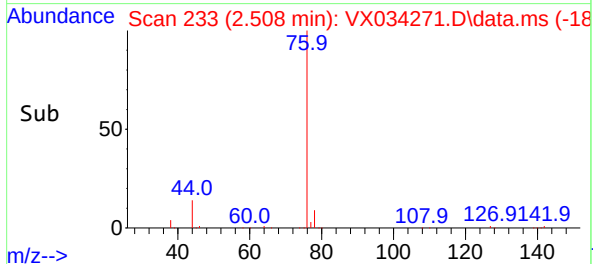
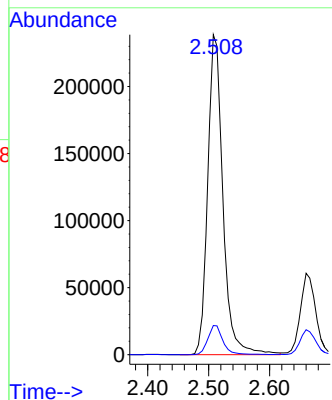
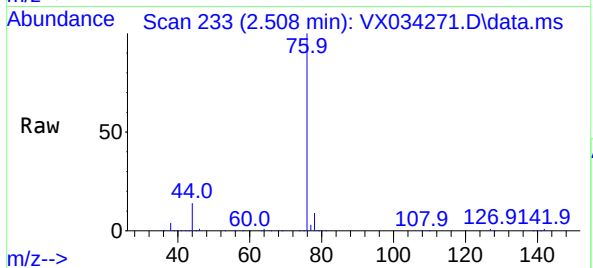




#17  
Carbon Disulfide  
Concen: 40.672 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

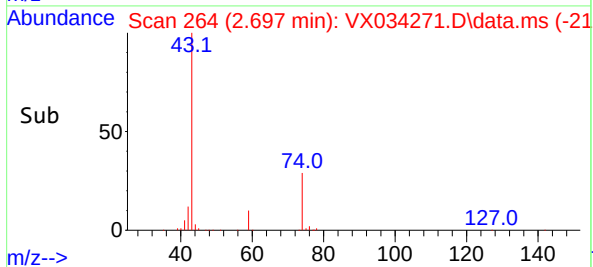
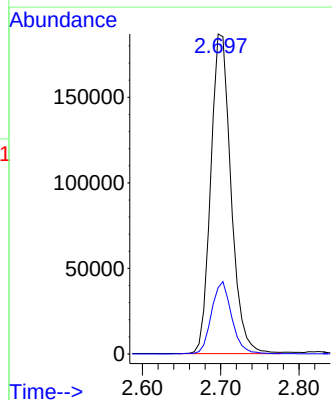
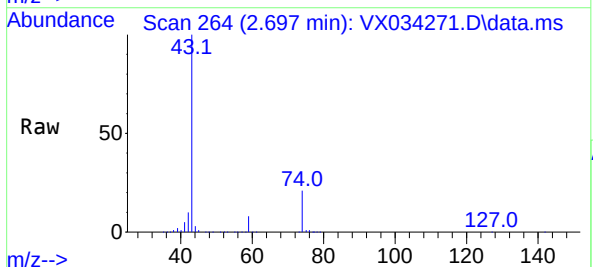
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

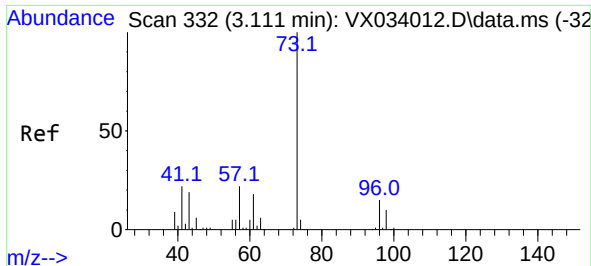
Tgt Ion: 76 Resp: 413428  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.0 10.6



#18  
Methyl Acetate  
Concen: 47.836 ug/l  
RT: 2.697 min Scan# 264  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 43 Resp: 336132  
Ion Ratio Lower Upper  
43 100  
74 22.6 18.2 27.4

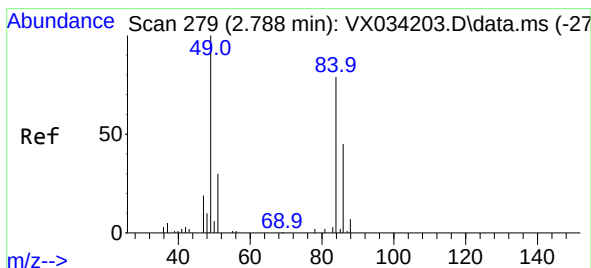
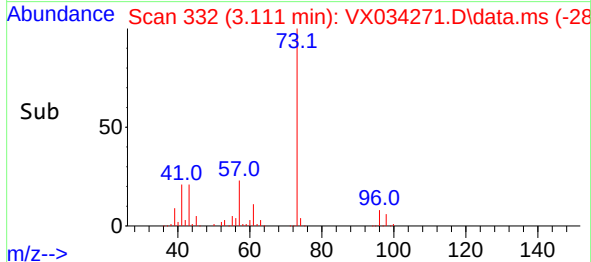
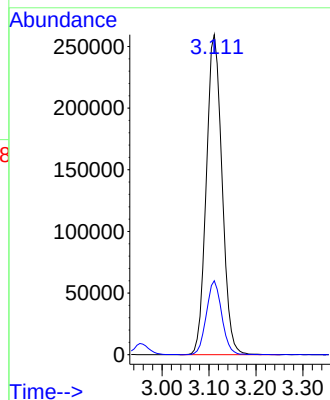
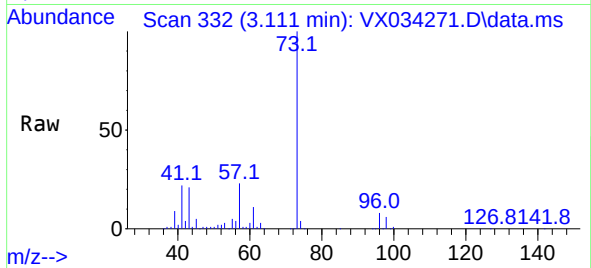




#19  
Methyl tert-butyl Ether  
Concen: 48.206 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

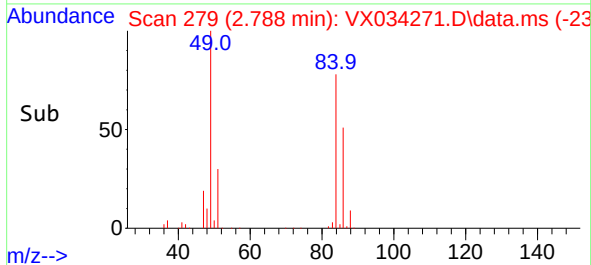
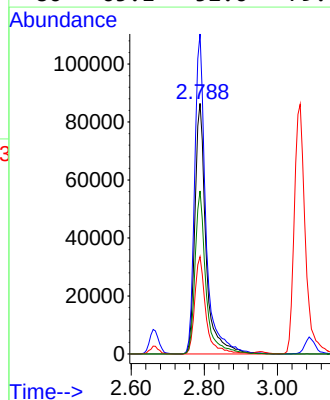
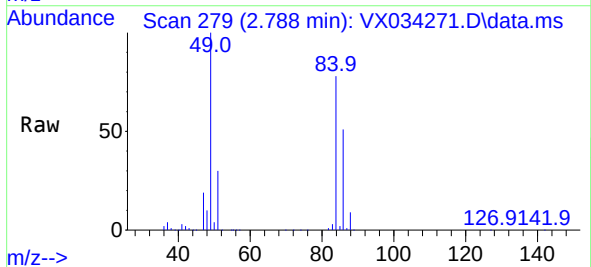
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

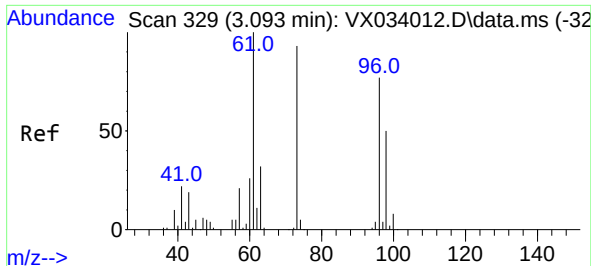
Tgt Ion: 73 Resp: 601525  
Ion Ratio Lower Upper  
73 100  
57 23.1 17.4 26.0



#20  
Methylene Chloride  
Concen: 44.856 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 84 Resp: 183541  
Ion Ratio Lower Upper  
84 100  
49 127.7 101.1 151.7  
51 38.8 31.0 46.6  
86 65.1 52.6 79.0

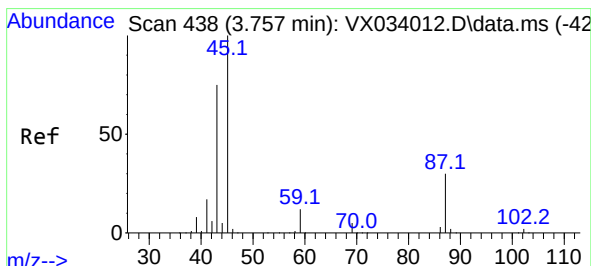
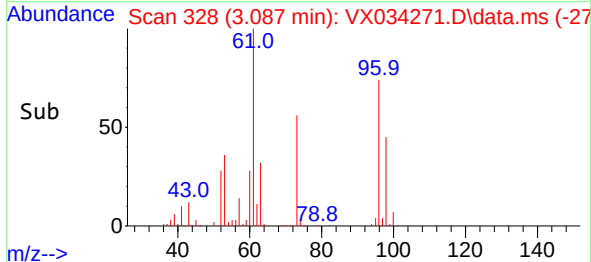
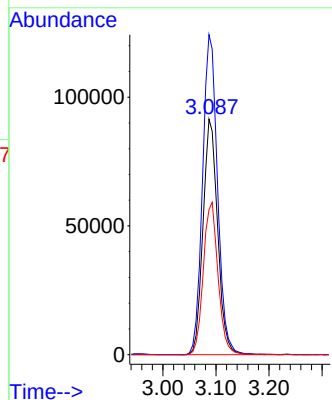
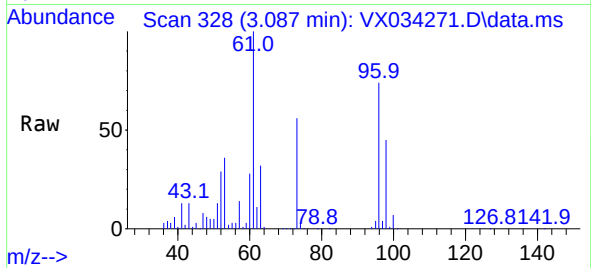




#21  
trans-1,2-Dichloroethene  
Concen: 47.422 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

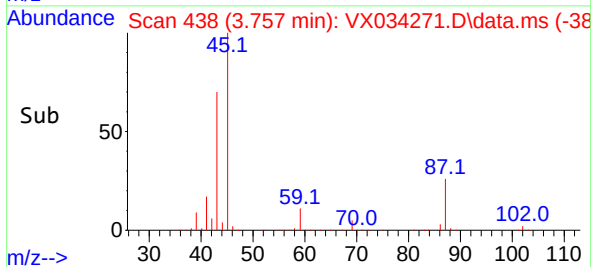
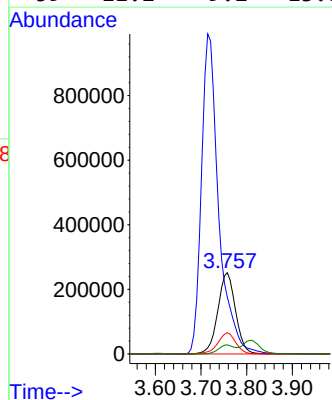
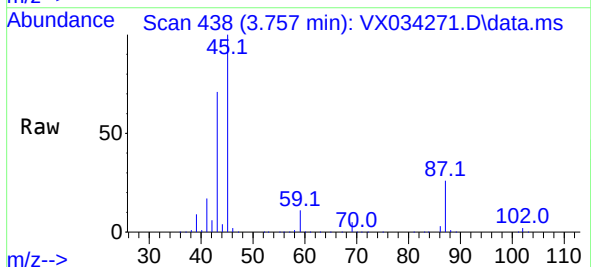
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

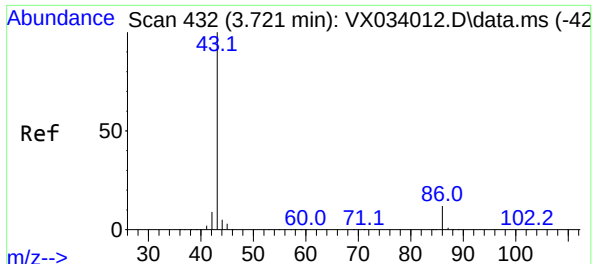
Tgt Ion: 96 Resp: 175687  
Ion Ratio Lower Upper  
96 100  
61 135.9 106.7 160.1  
98 61.7 50.0 75.0



#22  
Diisopropyl ether  
Concen: 51.383 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 45 Resp: 675593  
Ion Ratio Lower Upper  
45 100  
43 70.5 64.6 97.0  
87 26.1 21.9 32.9  
59 11.2 9.2 13.8

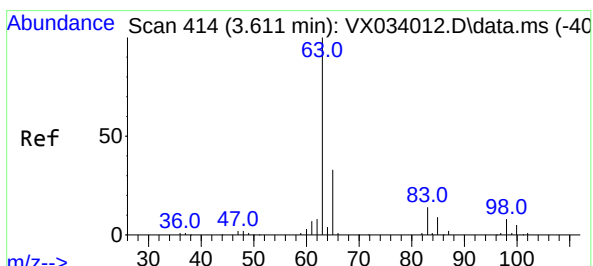
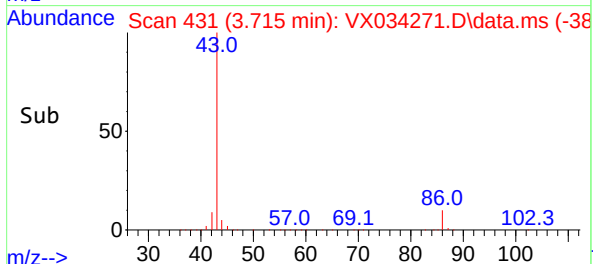
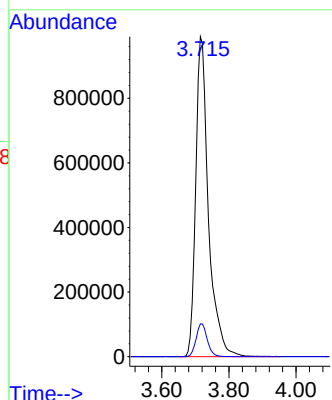
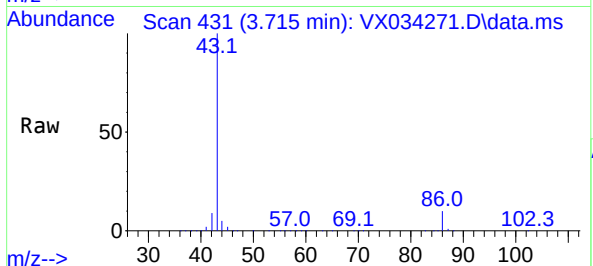




#23  
 Vinyl Acetate  
 Concen: 247.387 ug/l  
 RT: 3.715 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX034271.D  
 Acq: 27 Feb 2023 11:00

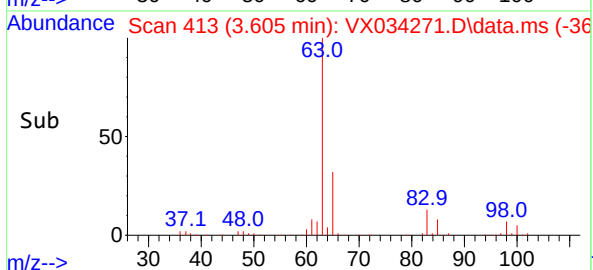
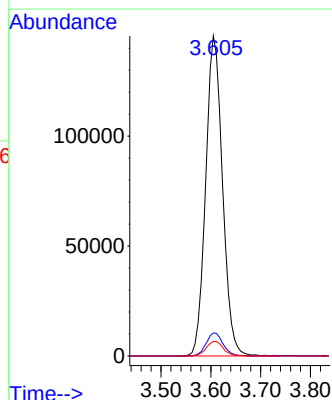
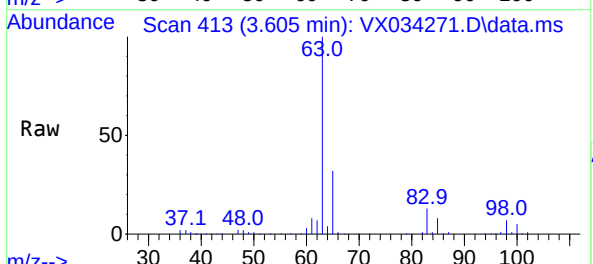
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 2605997  
 Ion Ratio Lower Upper  
 43 100  
 86 10.2 8.4 12.6

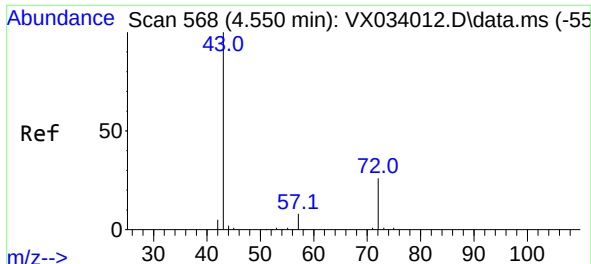


#24  
 1,1-Dichloroethane  
 Concen: 47.326 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX034271.D  
 Acq: 27 Feb 2023 11:00

Tgt Ion: 63 Resp: 341601  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.8 11.2  
 100 4.5 2.4 7.2



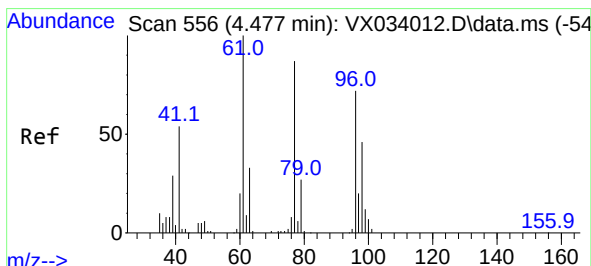
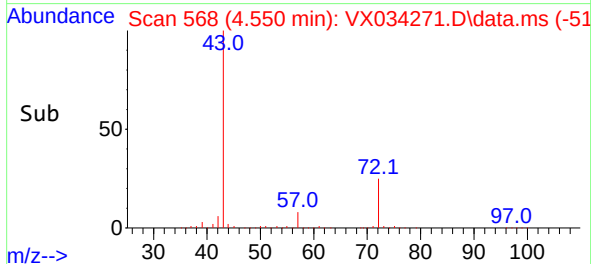
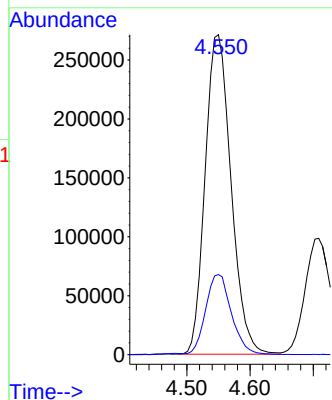
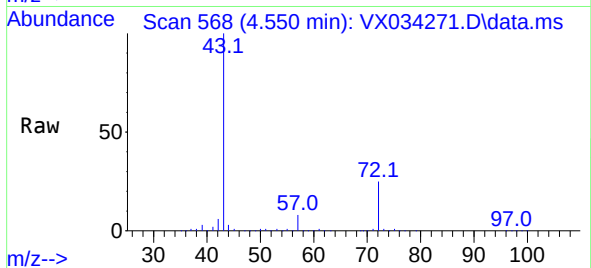




#25  
2-Butanone  
Concen: 235.094 ug/l  
RT: 4.550 min Scan# 501  
Delta R.T. 0.006 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

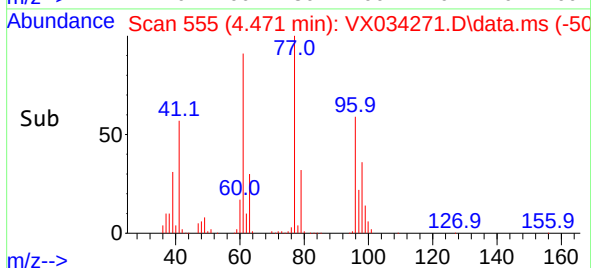
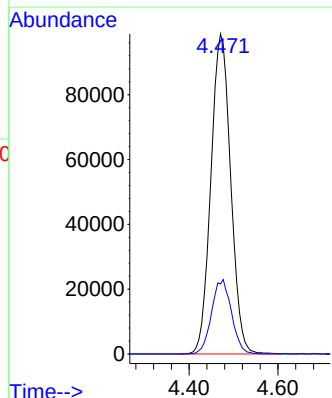
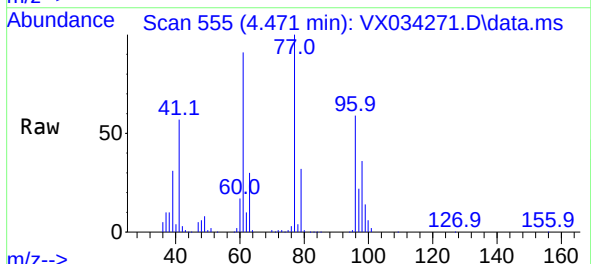
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

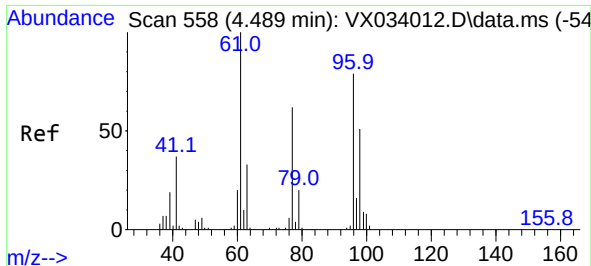
Tgt Ion: 43 Resp: 772471  
Ion Ratio Lower Upper  
43 100  
72 25.0 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 46.701 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 77 Resp: 305364  
Ion Ratio Lower Upper  
77 100  
97 23.4 11.9 35.5

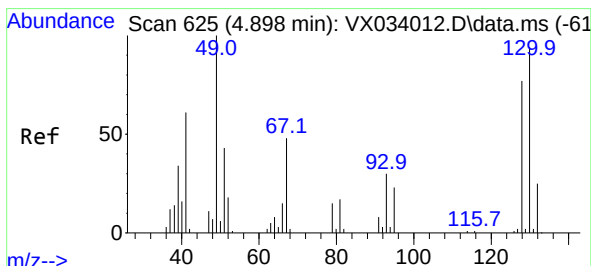
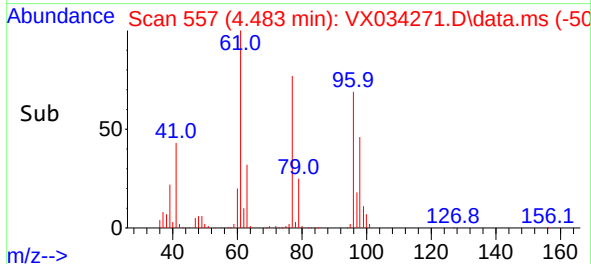
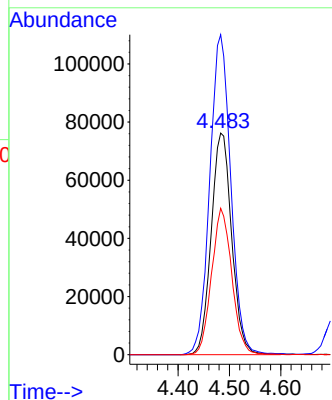
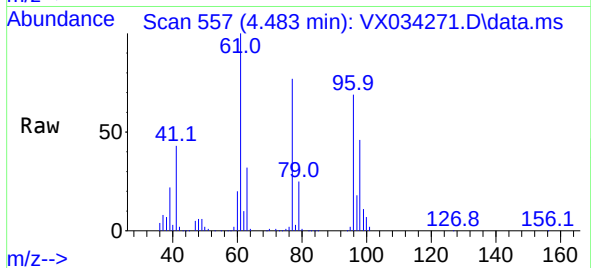




#27  
cis-1,2-Dichloroethene  
Concen: 48.215 ug/l  
RT: 4.483 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

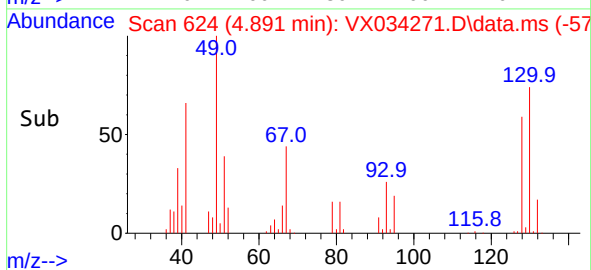
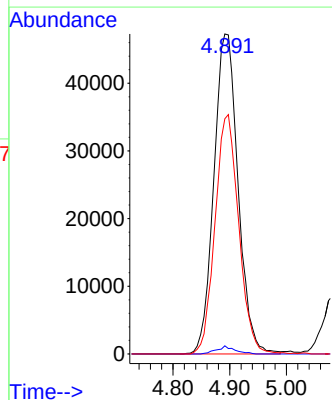
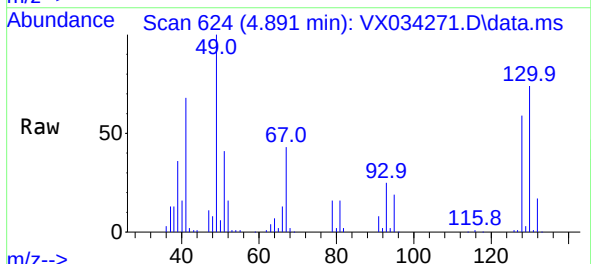
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

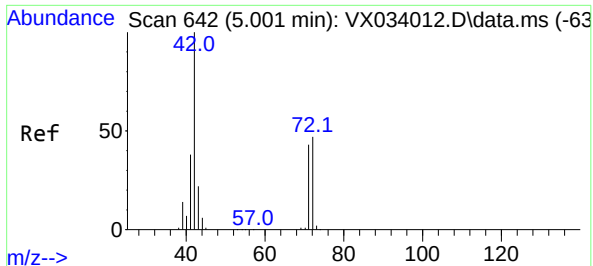
Tgt Ion: 96 Resp: 211521  
Ion Ratio Lower Upper  
96 100  
61 147.9 0.0 277.6  
98 65.0 0.0 128.0



#28  
Bromochloromethane  
Concen: 43.454 ug/l  
RT: 4.891 min Scan# 624  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 49 Resp: 139919  
Ion Ratio Lower Upper  
49 100  
129 1.9 0.0 4.6  
130 73.3 68.5 102.7





#29

Tetrahydrofuran

Concen: 236.354 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

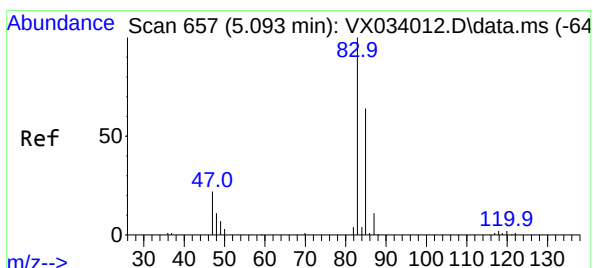
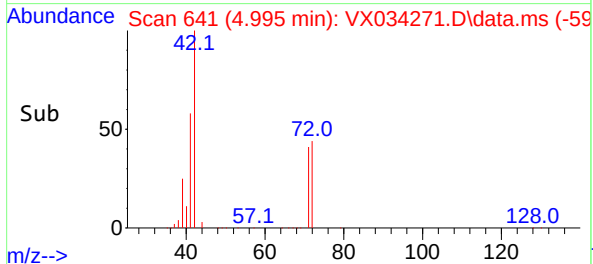
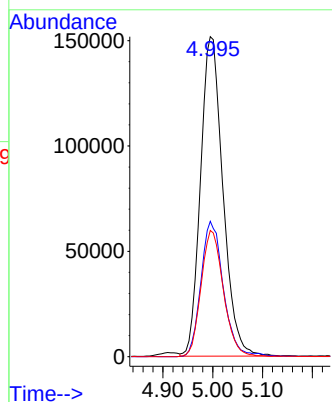
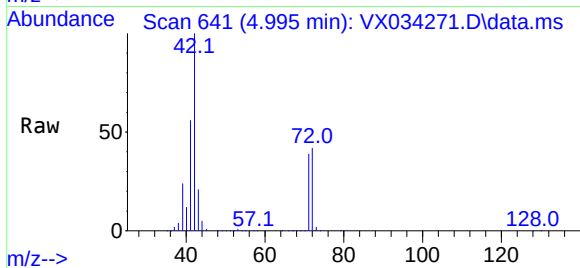
Tgt Ion: 42 Resp: 473766

Ion Ratio Lower Upper

42 100

72 42.6 34.8 52.2

71 39.4 32.2 48.2



#30

Chloroform

Concen: 50.132 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX034271.D

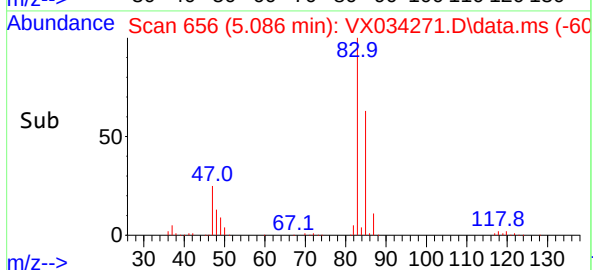
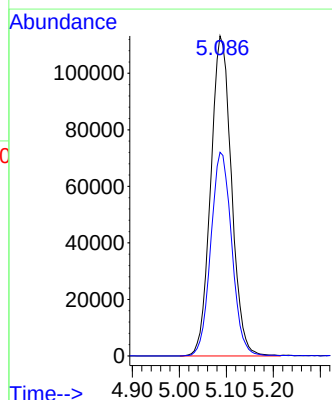
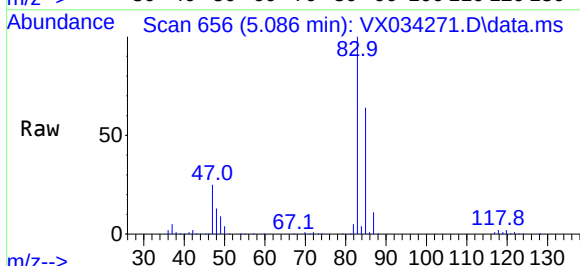
Acq: 27 Feb 2023 11:00

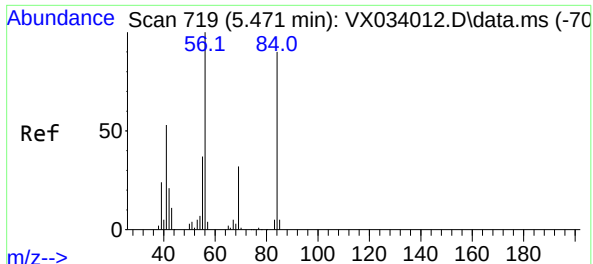
Tgt Ion: 83 Resp: 347464

Ion Ratio Lower Upper

83 100

85 63.6 52.1 78.1

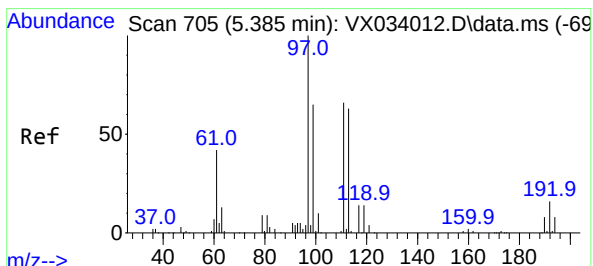
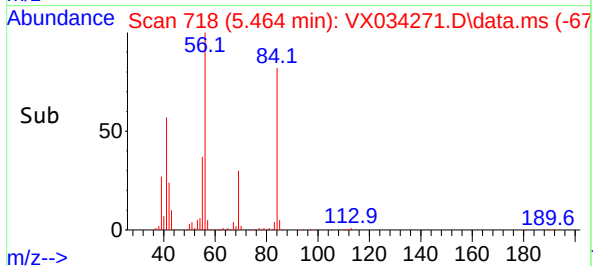
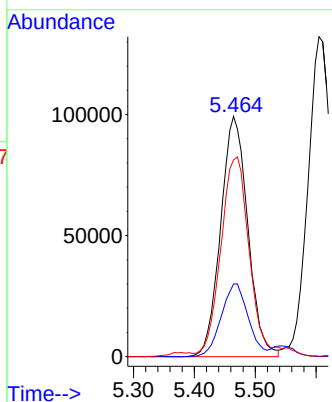
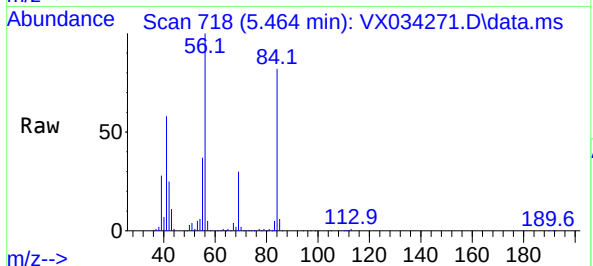




#31  
Cyclohexane  
Concen: 46.775 ug/l  
RT: 5.464 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

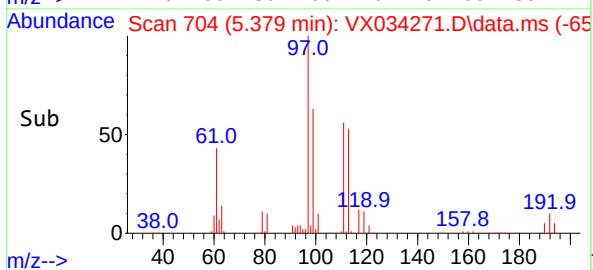
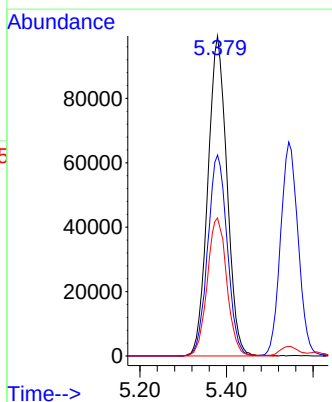
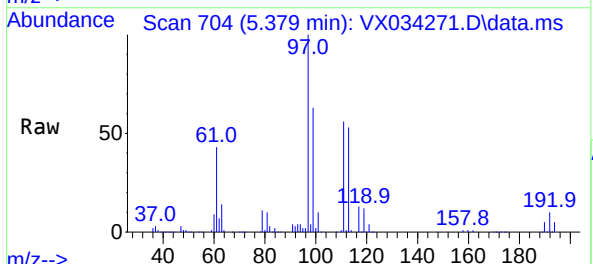
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

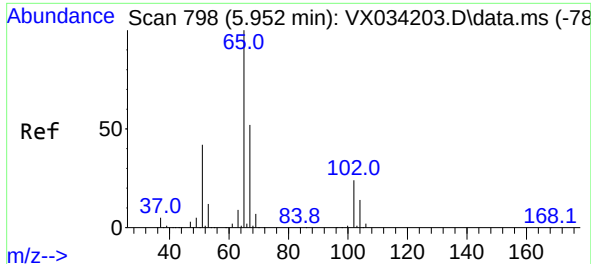
Tgt Ion: 56 Resp: 307433  
Ion Ratio Lower Upper  
56 100  
69 30.3 24.6 37.0  
84 80.3 71.0 106.6



#32  
1,1,1-Trichloroethane  
Concen: 48.880 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 97 Resp: 303697  
Ion Ratio Lower Upper  
97 100  
99 64.1 52.3 78.5  
61 44.1 35.2 52.8

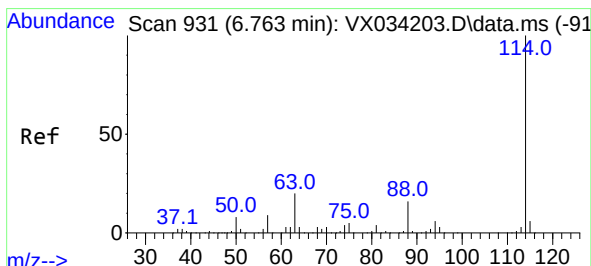
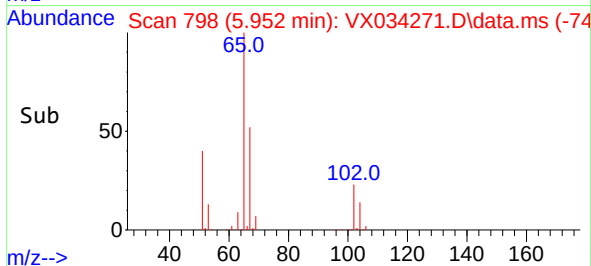
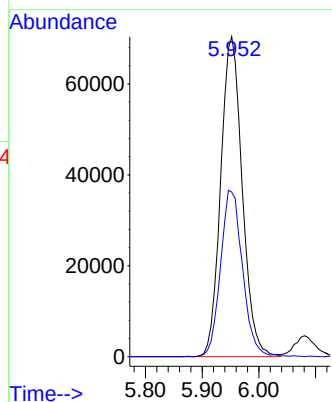
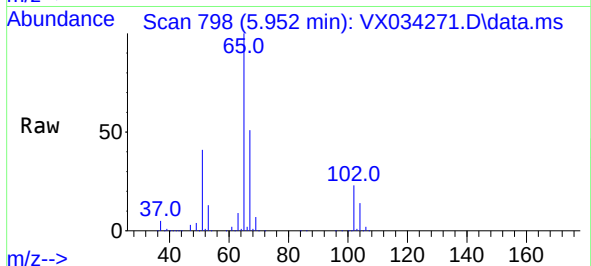




#33  
1,2-Dichloroethane-d4  
Concen: 42.174 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

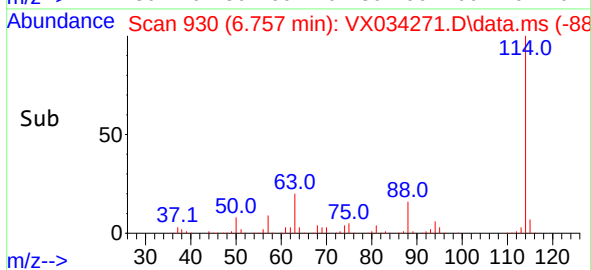
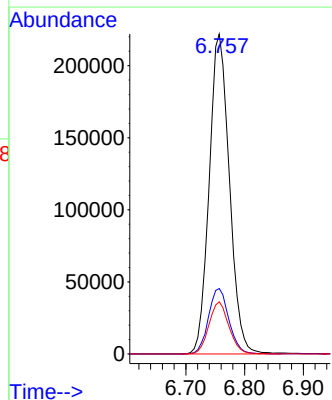
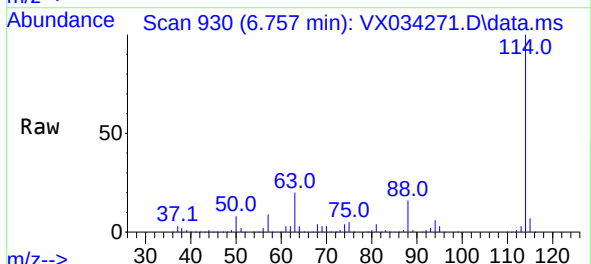
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

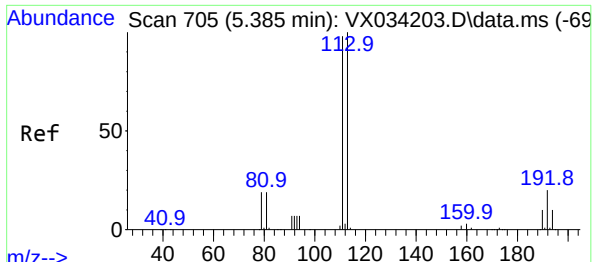
Tgt Ion: 65 Resp: 185660  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 114 Resp: 530191  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 37.4  
88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 45.116 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

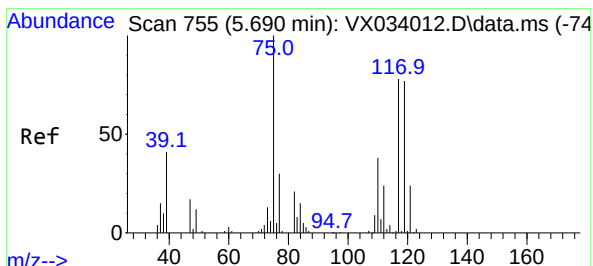
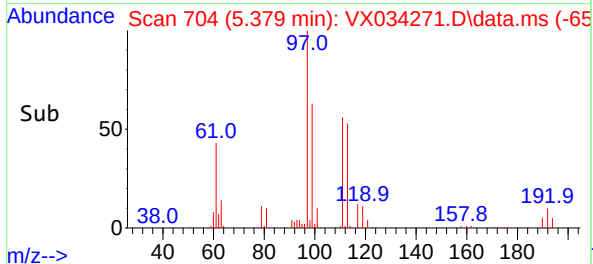
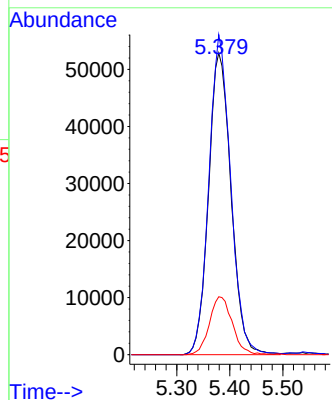
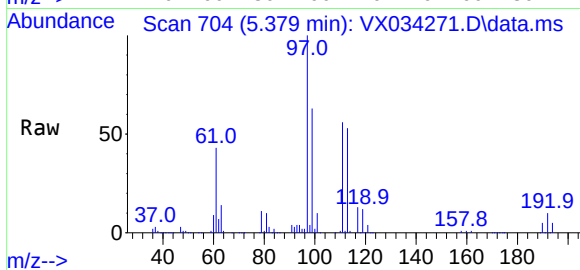
Tgt Ion:113 Resp: 155744

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

192 19.5 19.0 28.4



#36

1,1-Dichloropropene

Concen: 49.529 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

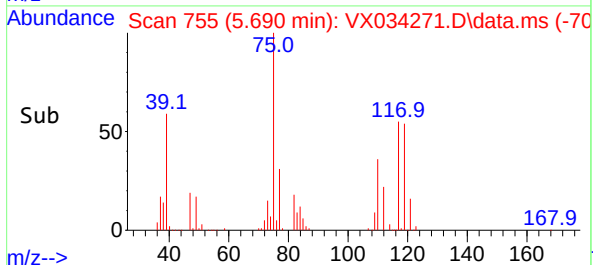
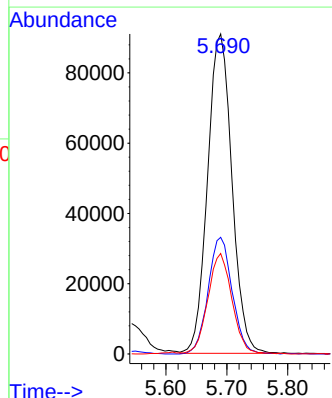
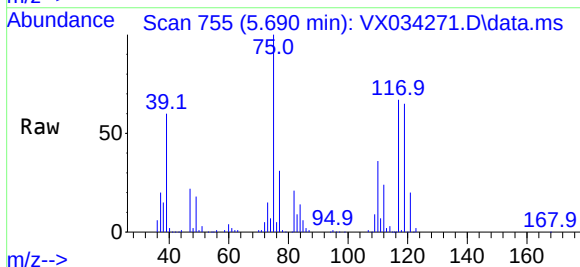
Tgt Ion: 75 Resp: 252860

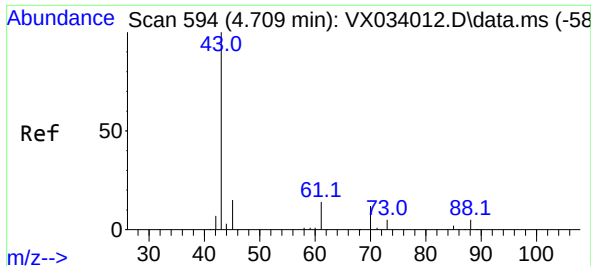
Ion Ratio Lower Upper

75 100

110 36.2 18.8 56.4

77 31.2 25.1 37.7





#37

Ethyl Acetate

Concen: 50.436 ug/l

RT: 4.708 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

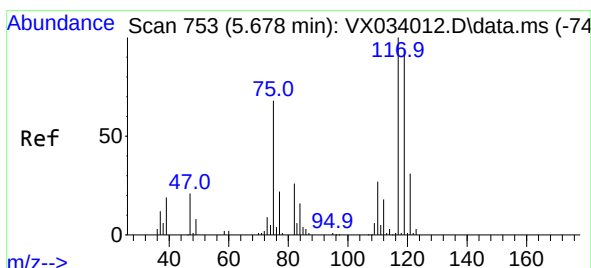
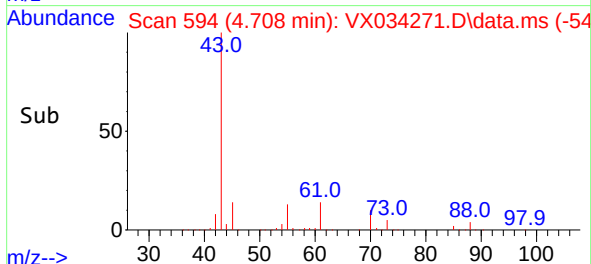
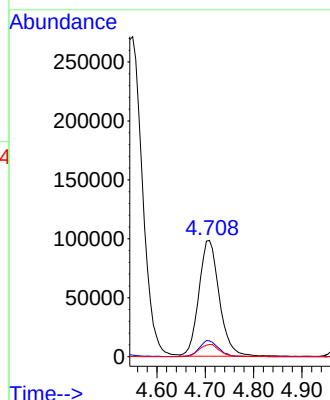
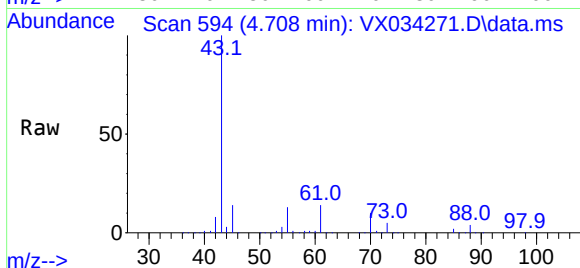
Tgt Ion: 43 Resp: 287769

Ion Ratio Lower Upper

43 100

61 13.5 11.1 16.7

70 10.5 8.5 12.7



#38

Carbon Tetrachloride

Concen: 50.627 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

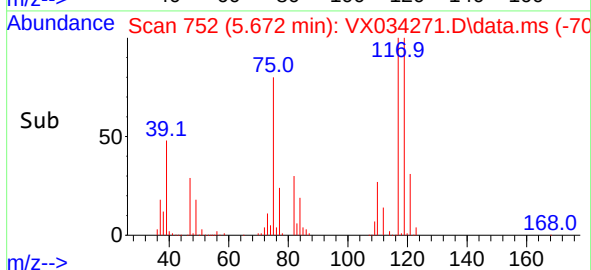
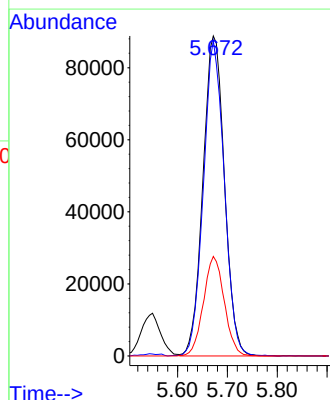
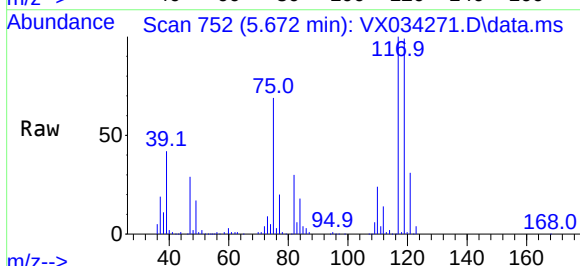
Tgt Ion: 117 Resp: 265963

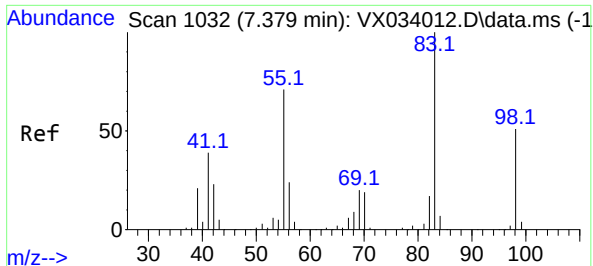
Ion Ratio Lower Upper

117 100

119 98.6 78.0 117.0

121 31.1 24.4 36.6





#39

Methylcyclohexane

Concen: 48.885 ug/l

RT: 7.373 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

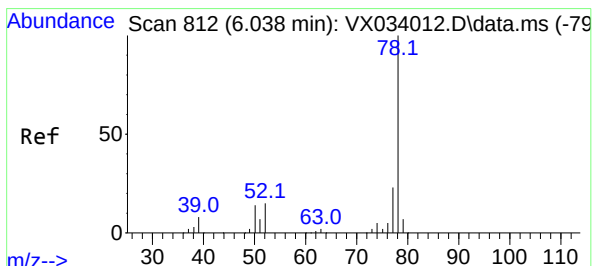
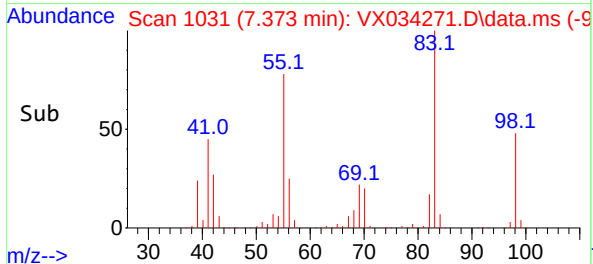
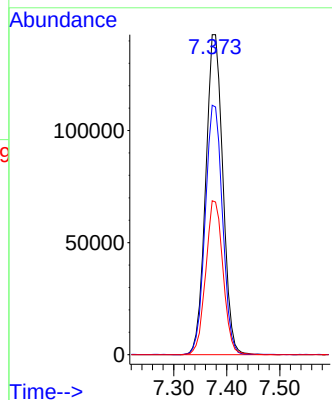
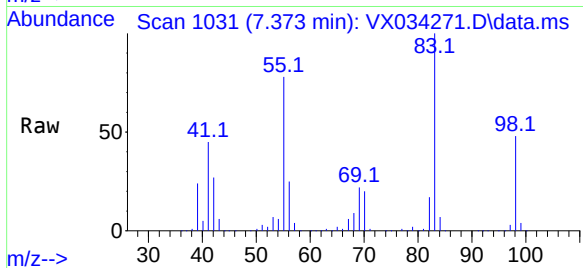
Tgt Ion: 83 Resp: 321167

Ion Ratio Lower Upper

83 100

55 77.9 61.8 92.6

98 48.1 39.3 58.9



#40

Benzene

Concen: 50.191 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX034271.D

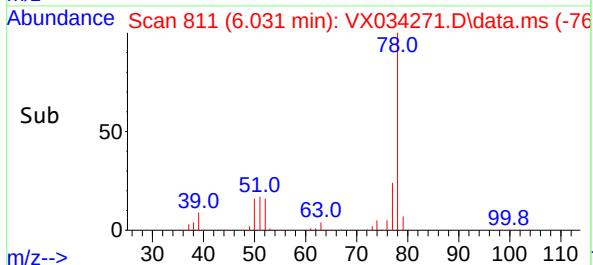
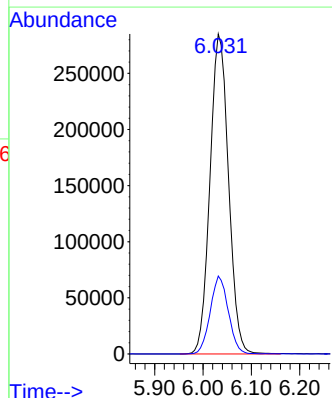
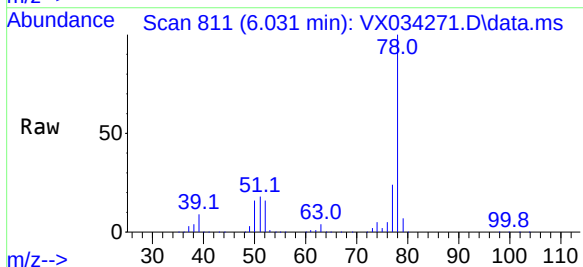
Acq: 27 Feb 2023 11:00

Tgt Ion: 78 Resp: 759352

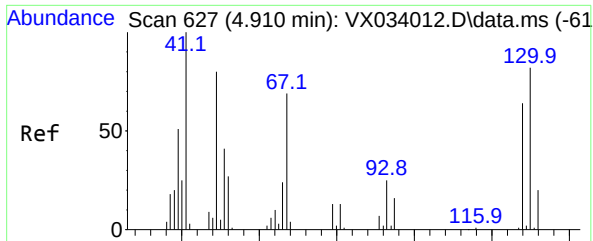
Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.4



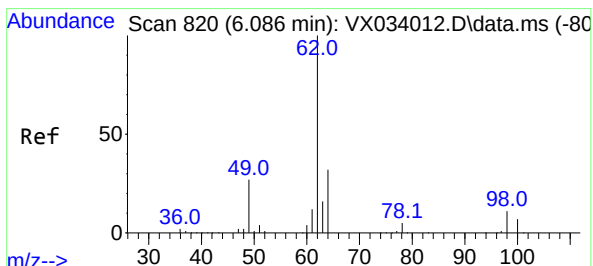
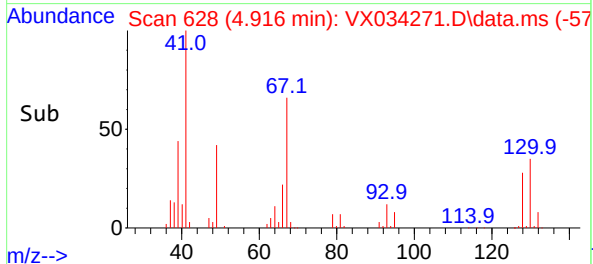
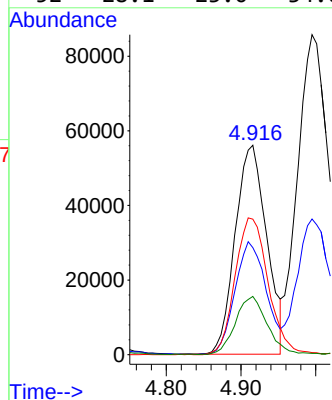
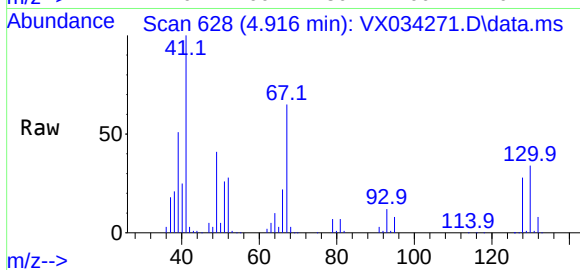




#41  
Methacrylonitrile  
Concen: 51.655 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

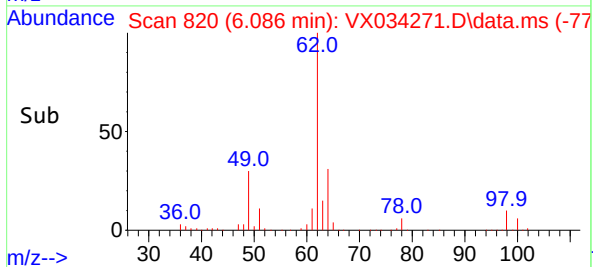
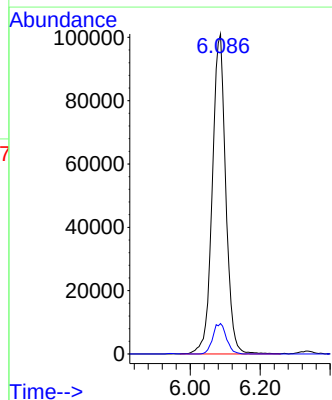
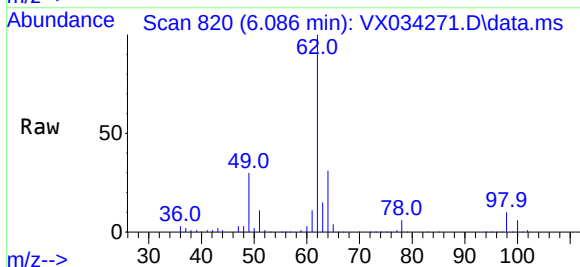
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

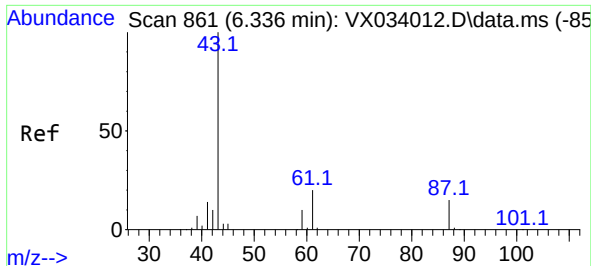
Tgt Ion: 41 Resp: 164208  
Ion Ratio Lower Upper  
41 100  
39 53.5 43.8 65.6  
67 69.1 54.8 82.2  
52 28.1 23.0 34.6



#42  
1,2-Dichloroethane  
Concen: 50.786 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 62 Resp: 270236  
Ion Ratio Lower Upper  
62 100  
98 9.6 0.0 20.2

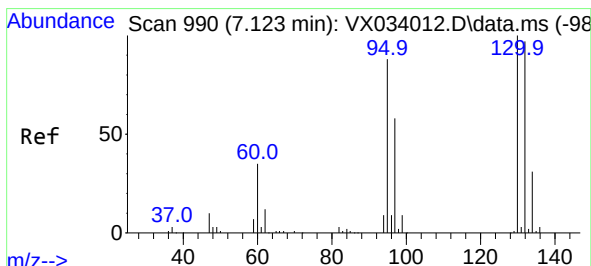
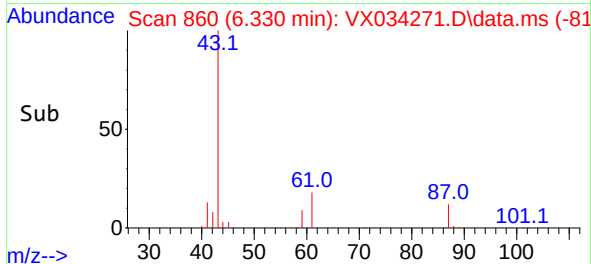
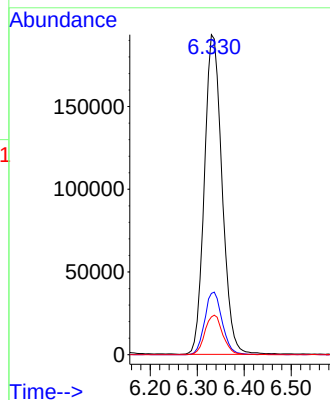
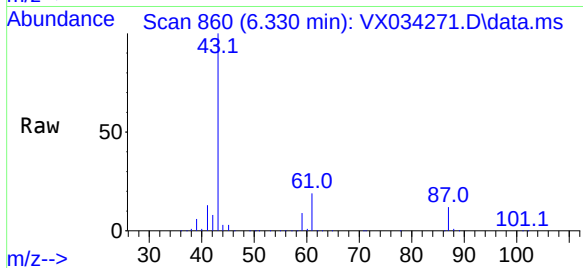




#43  
Isopropyl Acetate  
Concen: 50.071 ug/l  
RT: 6.330 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

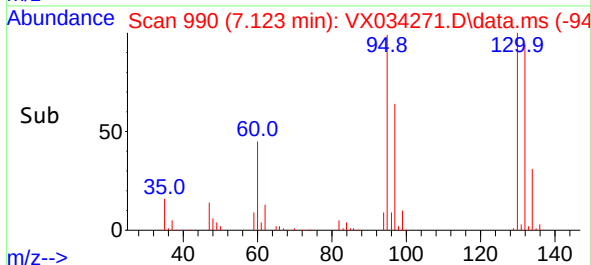
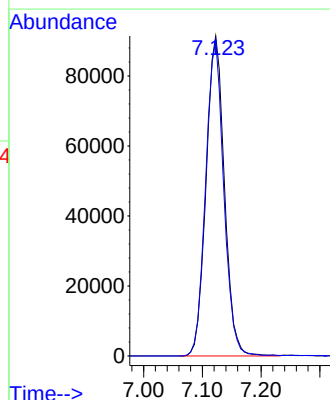
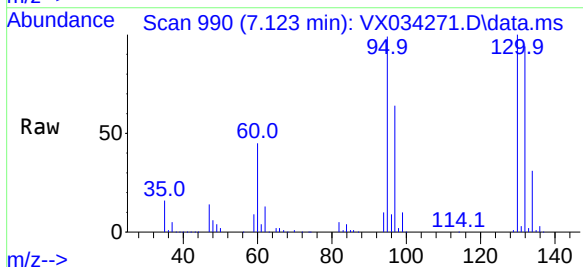
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

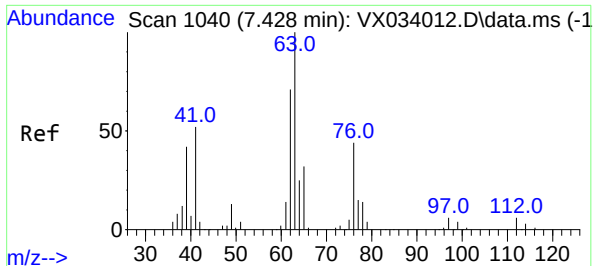
Tgt Ion: 43 Resp: 504134  
Ion Ratio Lower Upper  
43 100  
61 19.5 15.7 23.5  
87 12.5 10.6 15.8



#44  
Trichloroethene  
Concen: 50.949 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion:130 Resp: 197809  
Ion Ratio Lower Upper  
130 100  
95 98.8 0.0 182.6





#45

1,2-Dichloropropane

Concen: 50.042 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA\_X

ClientSampleId :

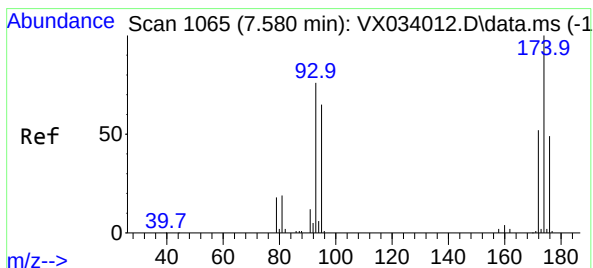
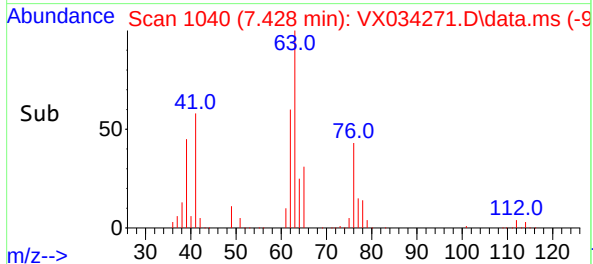
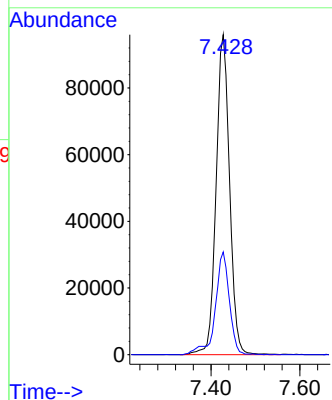
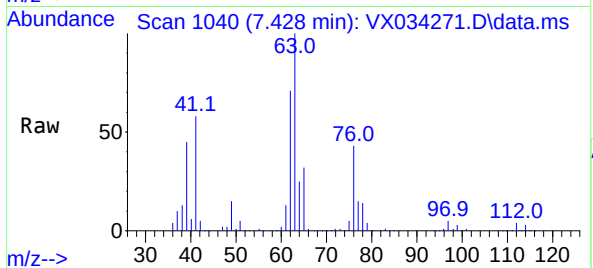
VSTDCCC050

Tgt Ion: 63 Resp: 201545

Ion Ratio Lower Upper

63 100

65 32.1 24.2 36.2



#46

Dibromomethane

Concen: 50.545 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

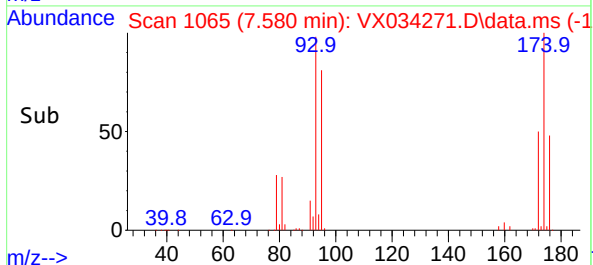
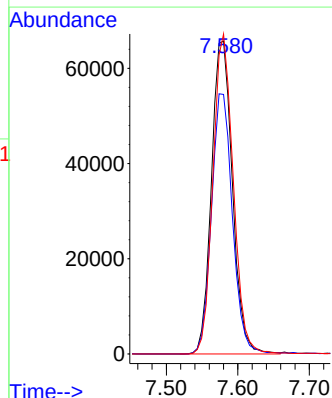
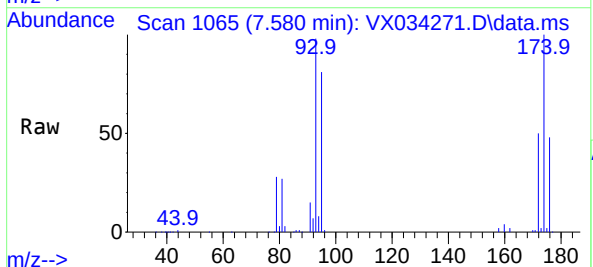
Tgt Ion: 93 Resp: 133976

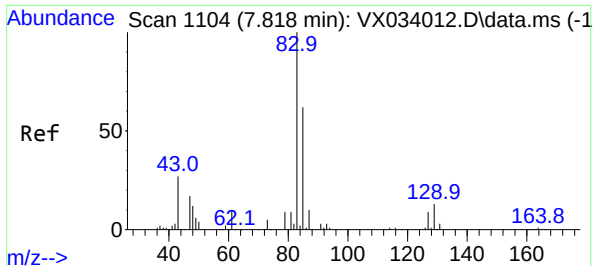
Ion Ratio Lower Upper

93 100

95 83.4 67.6 101.4

174 99.1 97.4 146.0

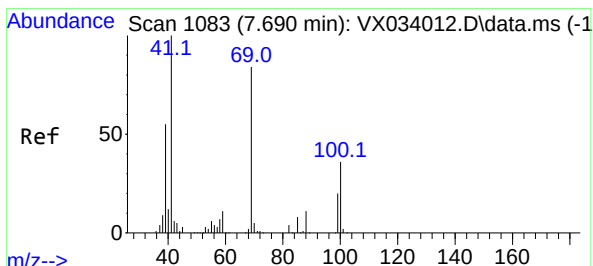
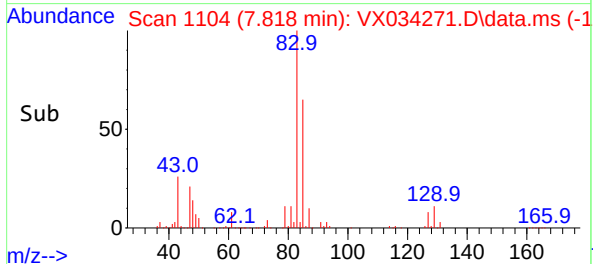
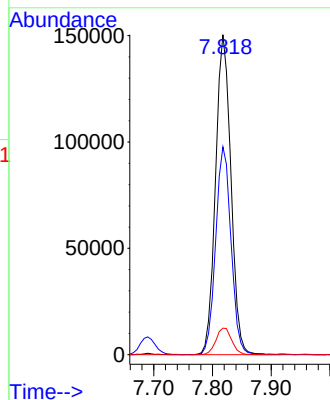
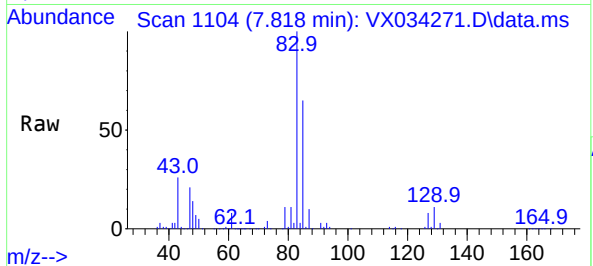




#47  
Bromodichloromethane  
Concen: 50.236 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

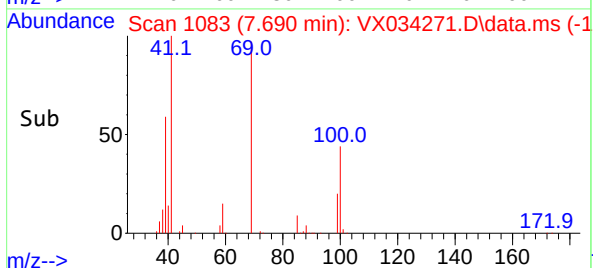
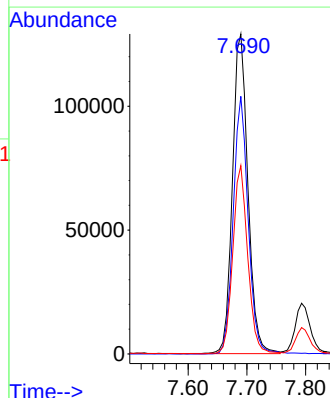
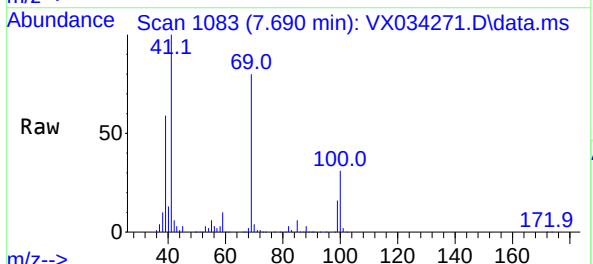
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

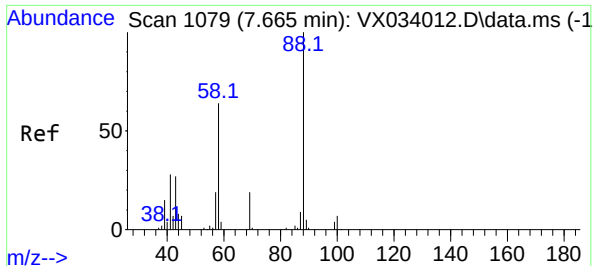
Tgt Ion: 83 Resp: 273265  
Ion Ratio Lower Upper  
83 100  
85 64.9 49.8 74.6  
127 8.3 7.0 10.4



#48  
Methyl methacrylate  
Concen: 49.492 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 41 Resp: 236514  
Ion Ratio Lower Upper  
41 100  
69 78.2 63.1 94.7  
39 56.9 43.2 64.8





#49

1,4-Dioxane

Concen: 957.130 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

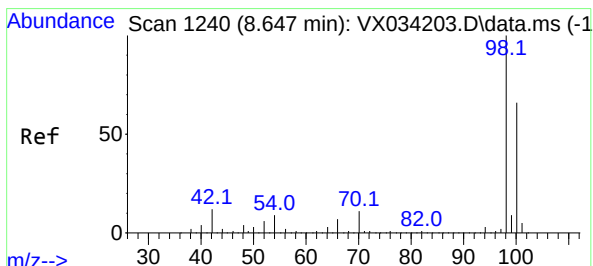
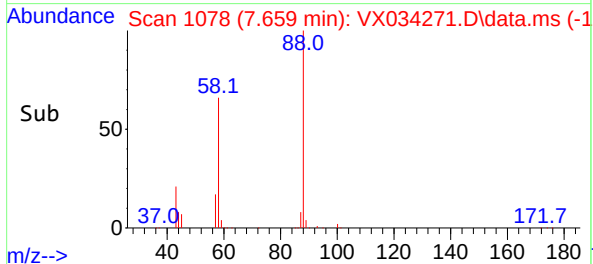
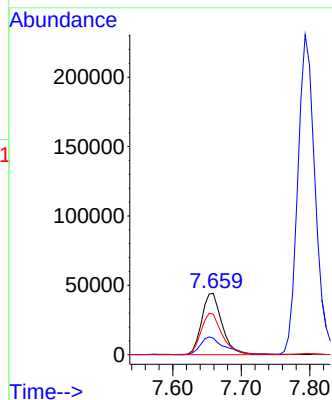
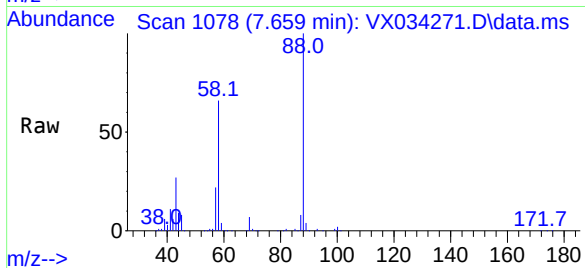
Tgt Ion: 88 Resp: 91233

Ion Ratio Lower Upper

88 100

43 33.9 0.0 0.0#

58 70.6 56.5 84.7



#50

Toluene-d8

Concen: 47.209 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034271.D

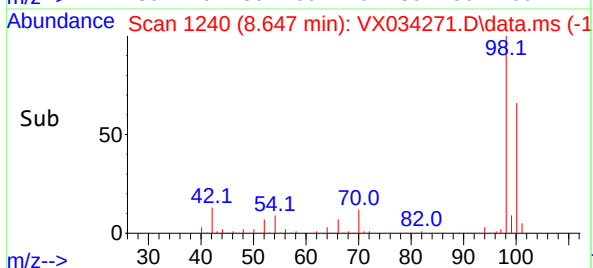
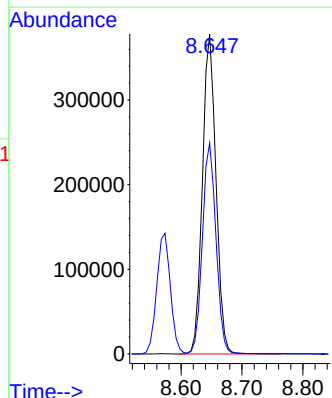
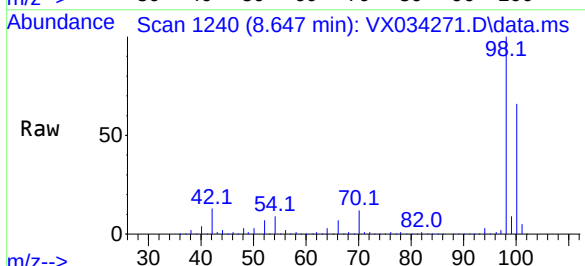
Acq: 27 Feb 2023 11:00

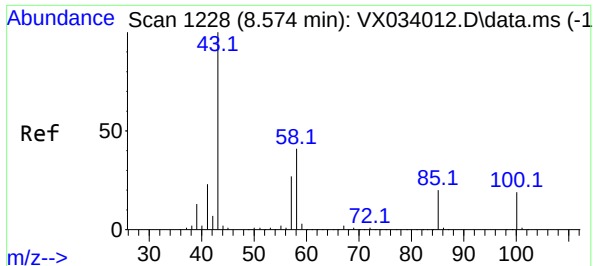
Tgt Ion: 98 Resp: 585111

Ion Ratio Lower Upper

98 100

100 65.9 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 267.385 ug/l

RT: 8.568 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA\_X

ClientSampleId :

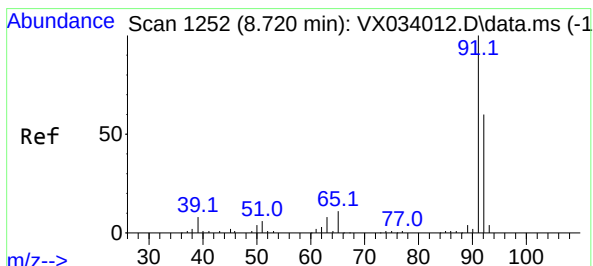
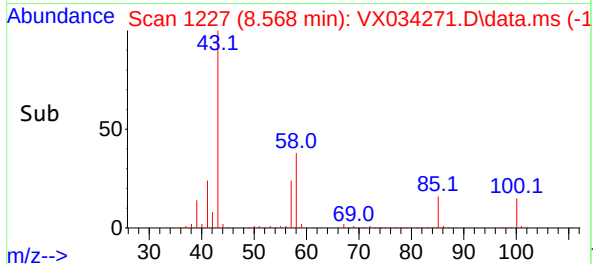
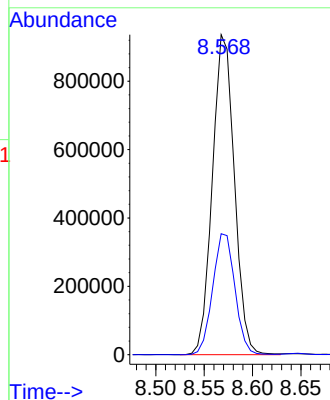
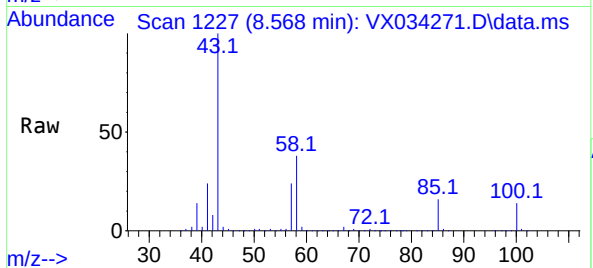
VSTDCCC050

Tgt Ion: 43 Resp: 1481172

Ion Ratio Lower Upper

43 100

58 38.2 31.2 46.8



#52

Toluene

Concen: 53.220 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX034271.D

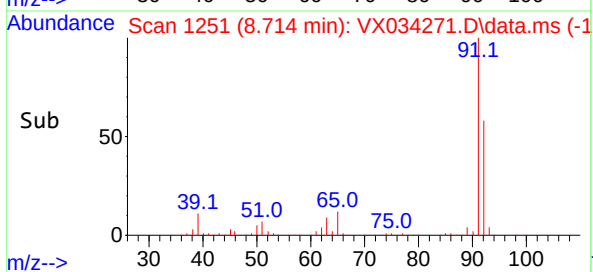
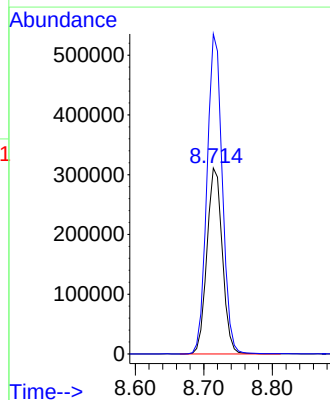
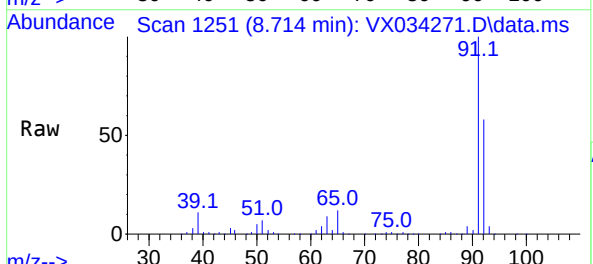
Acq: 27 Feb 2023 11:00

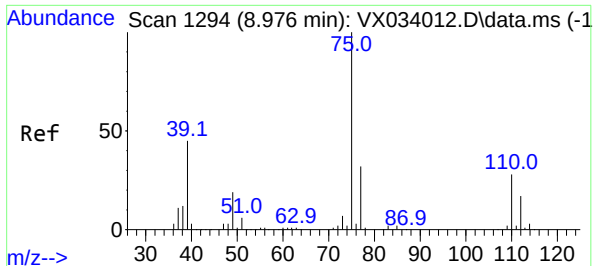
Tgt Ion: 92 Resp: 487880

Ion Ratio Lower Upper

92 100

91 170.8 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 51.943 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA\_X

ClientSampleId :

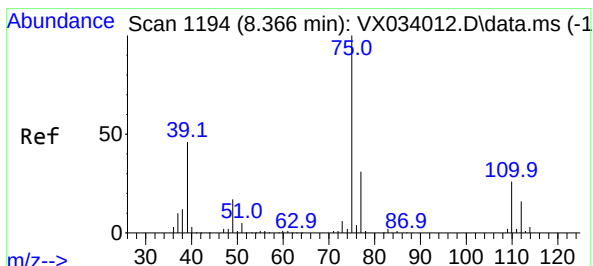
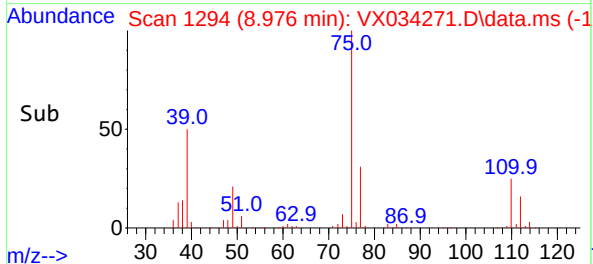
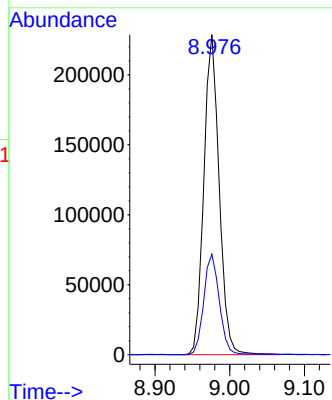
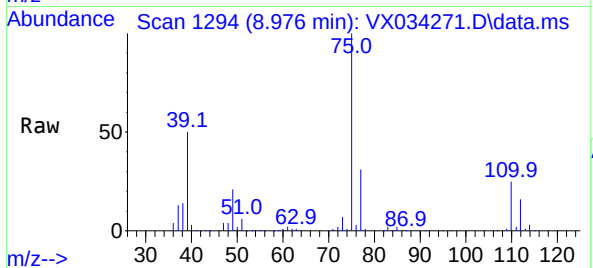
VSTDCCC050

Tgt Ion: 75 Resp: 325233

Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 50.774 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

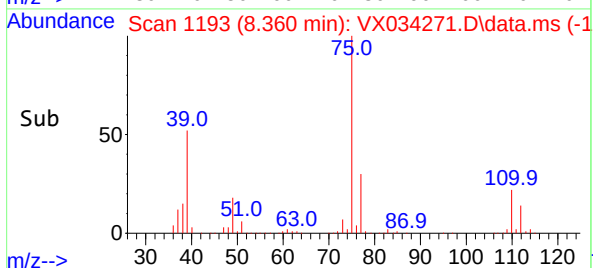
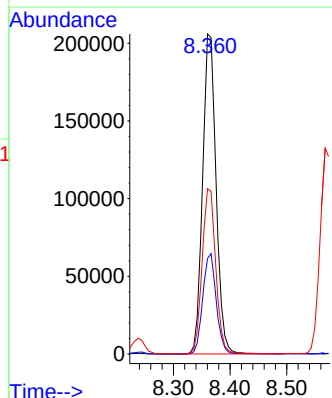
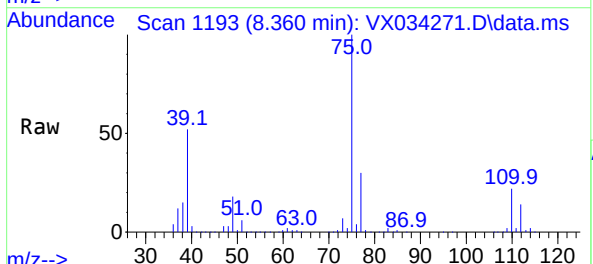
Tgt Ion: 75 Resp: 340343

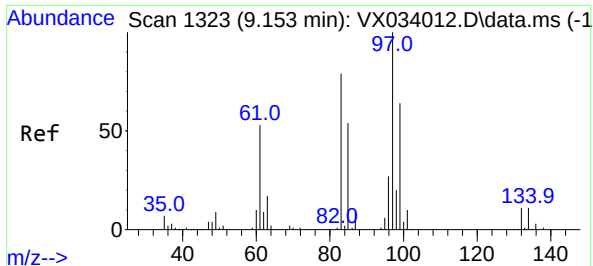
Ion Ratio Lower Upper

75 100

77 29.9 25.0 37.6

39 51.6 38.6 58.0



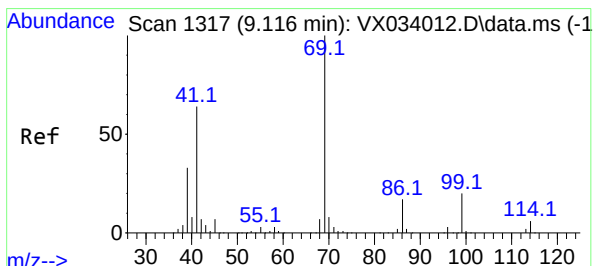
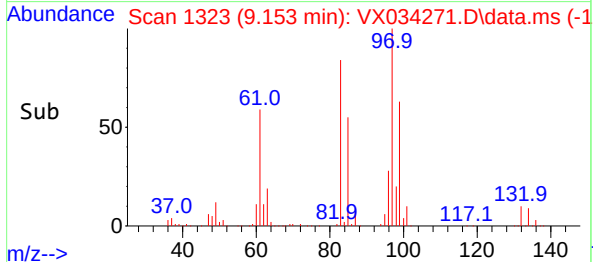
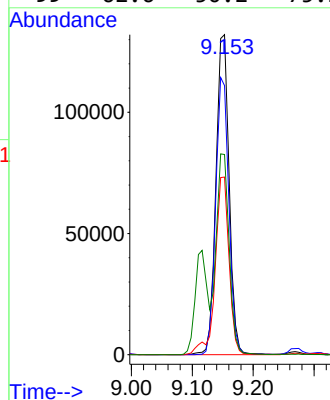
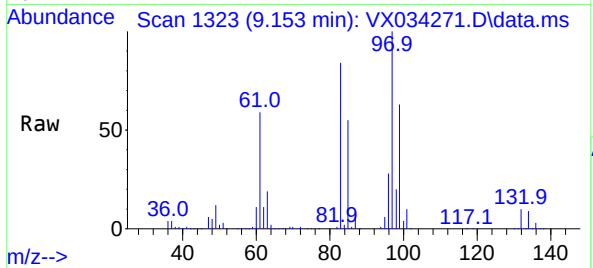


#55  
1,1,2-Trichloroethane  
Concen: 53.691 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 198672

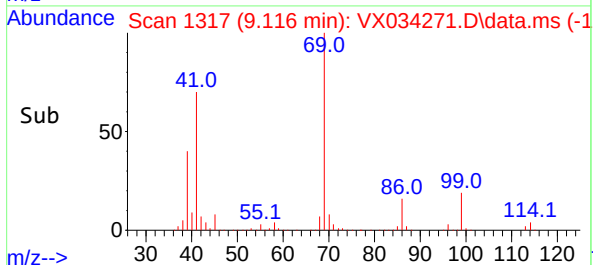
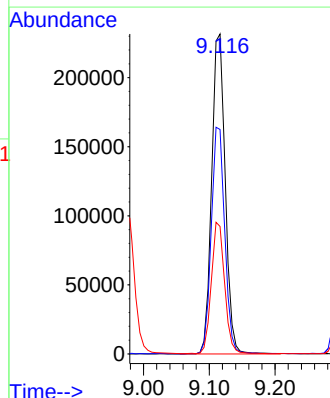
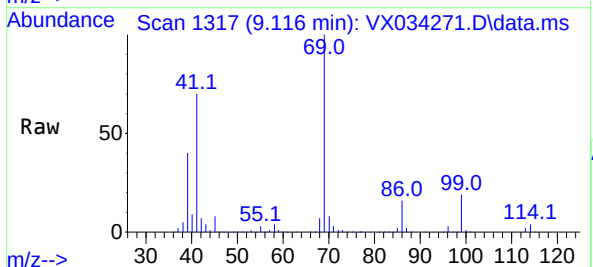
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.1  | 67.4  | 101.0 |
| 85  | 55.5  | 43.2  | 64.8  |
| 99  | 62.6  | 50.2  | 75.2  |



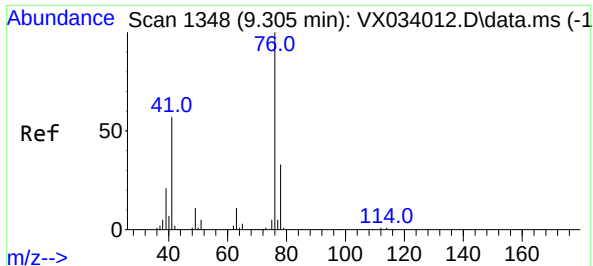
#56  
Ethyl methacrylate  
Concen: 53.040 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 69 Resp: 332013

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 70.6  | 55.1  | 82.7  |
| 39  | 40.3  | 28.5  | 42.7  |



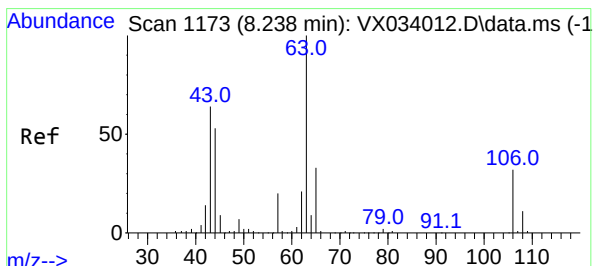
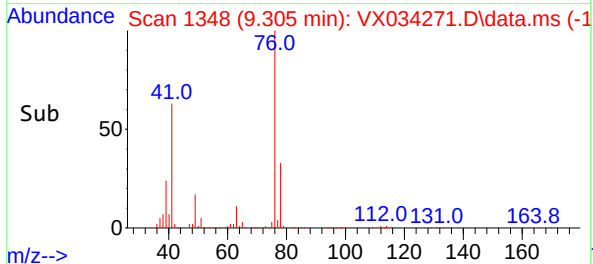
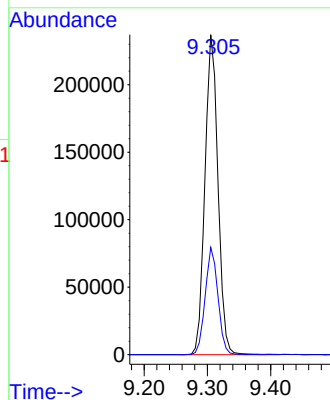
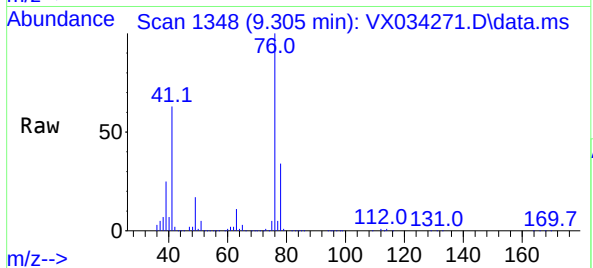




#57  
1,3-Dichloropropane  
Concen: 52.843 ug/l  
RT: 9.305 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

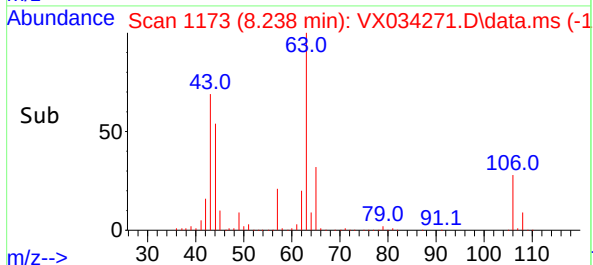
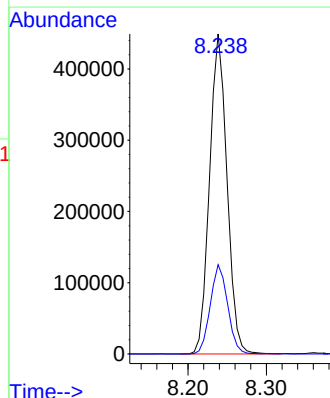
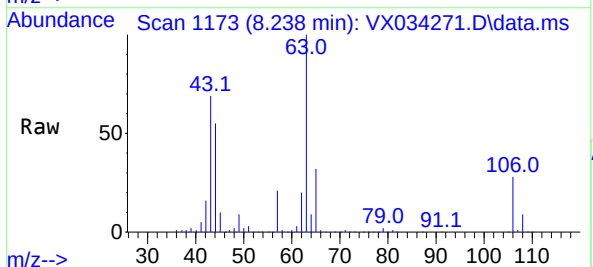
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

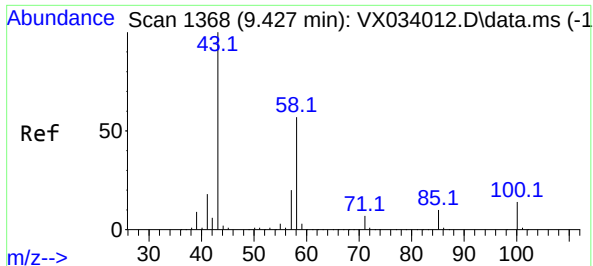
Tgt Ion: 76 Resp: 340199  
Ion Ratio Lower Upper  
76 100  
78 32.8 25.6 38.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 256.171 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 63 Resp: 694639  
Ion Ratio Lower Upper  
63 100  
106 27.8 24.5 36.7





#59

2-Hexanone

Concen: 271.819 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA\_X

ClientSampleId :

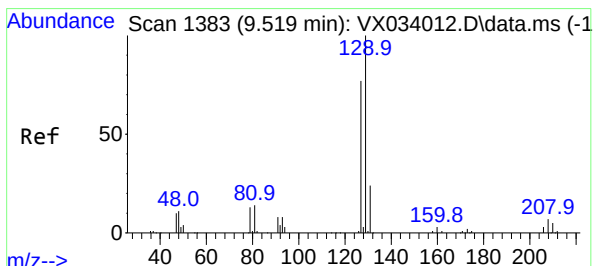
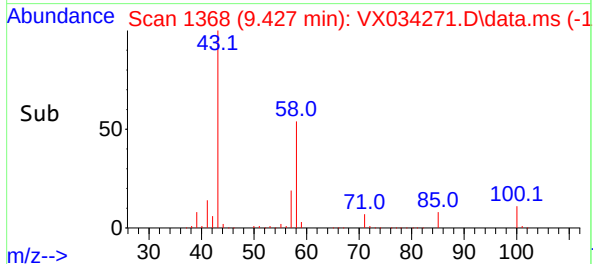
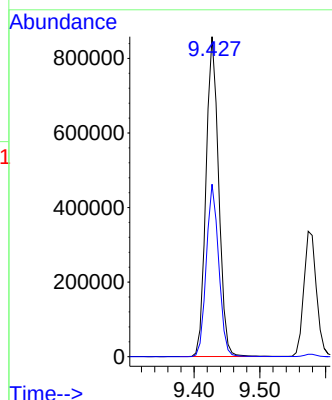
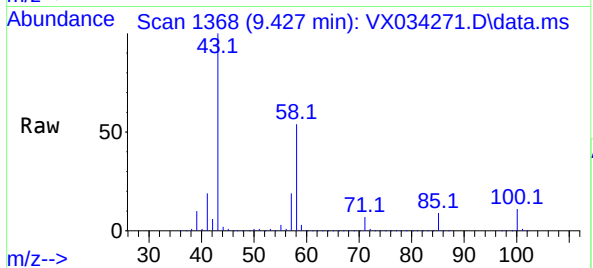
VSTDCCC050

Tgt Ion: 43 Resp: 1147529

Ion Ratio Lower Upper

43 100

58 53.2 27.4 82.0



#60

Dibromochloromethane

Concen: 54.037 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034271.D

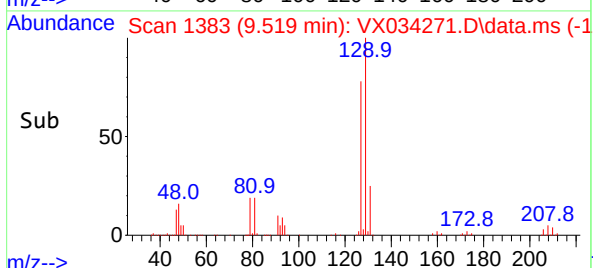
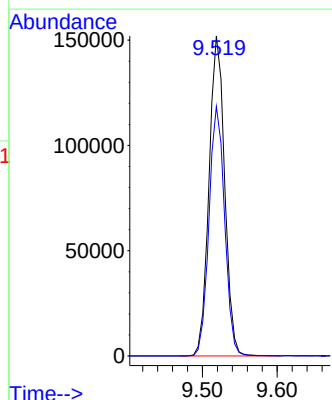
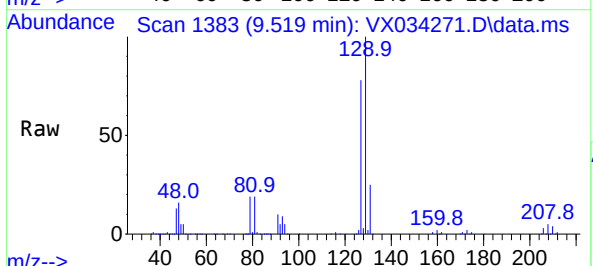
Acq: 27 Feb 2023 11:00

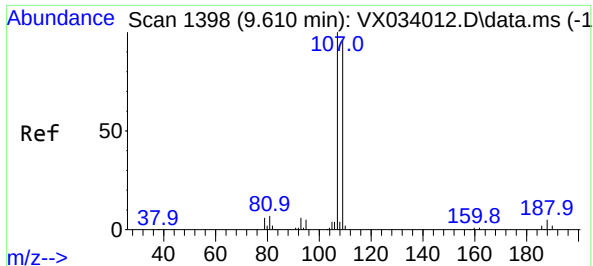
Tgt Ion:129 Resp: 220936

Ion Ratio Lower Upper

129 100

127 77.9 38.8 116.3

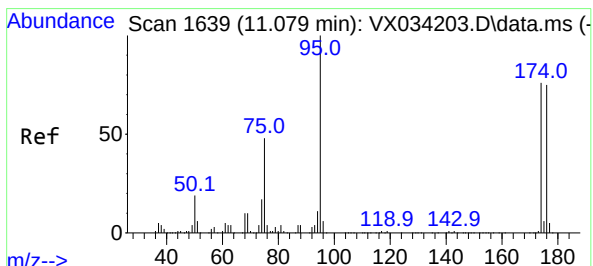
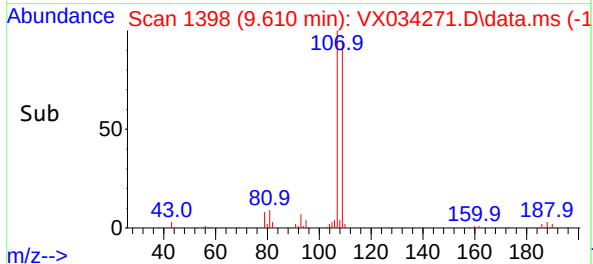
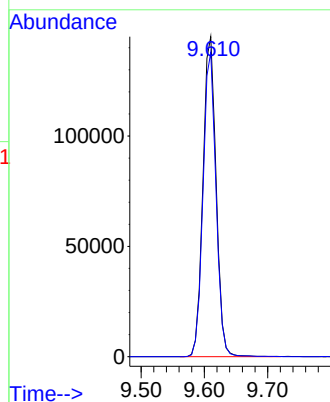
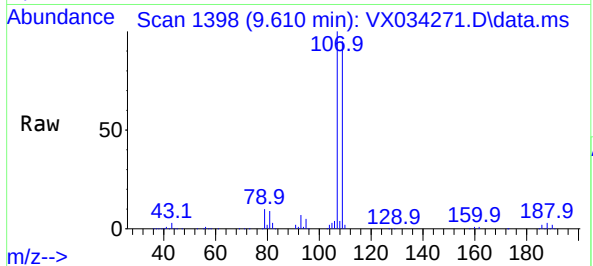




#61  
1,2-Dibromoethane  
Concen: 53.585 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

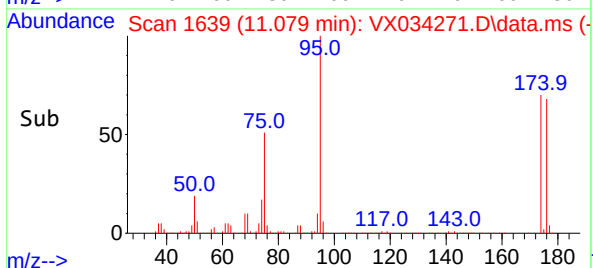
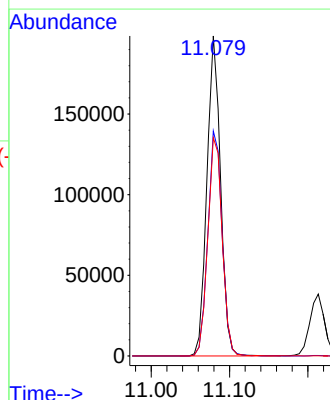
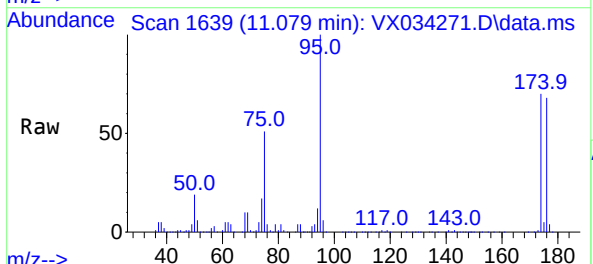
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

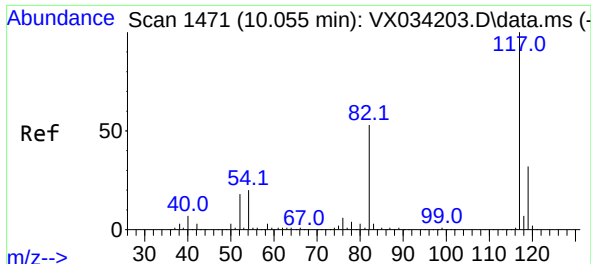
Tgt Ion:107 Resp: 209701  
Ion Ratio Lower Upper  
107 100  
109 94.1 74.2 111.2



#62  
4-Bromofluorobenzene  
Concen: 50.384 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 95 Resp: 238861  
Ion Ratio Lower Upper  
95 100  
174 73.3 0.0 184.4  
176 72.2 0.0 178.8

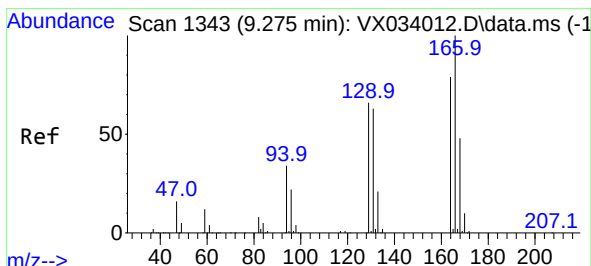
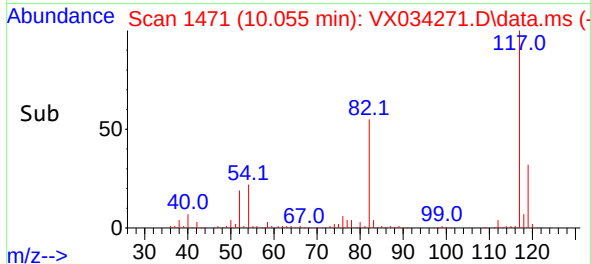
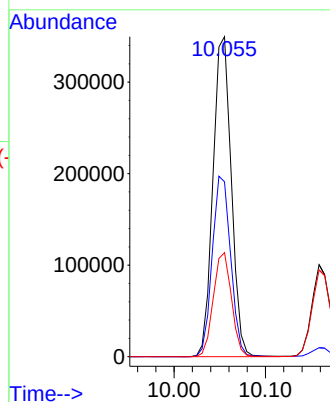
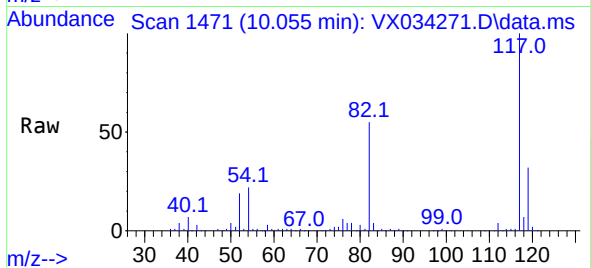




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

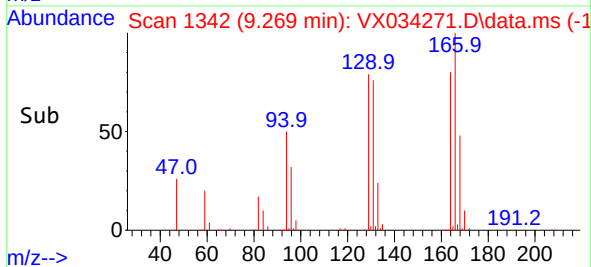
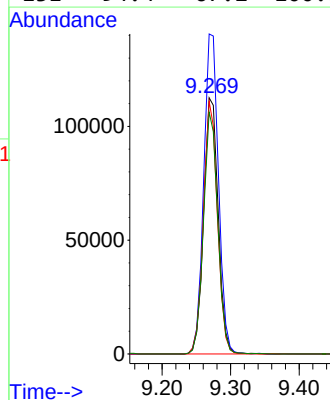
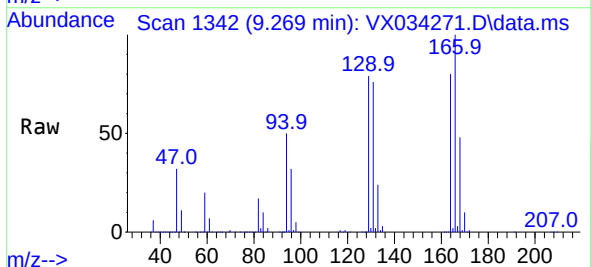
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

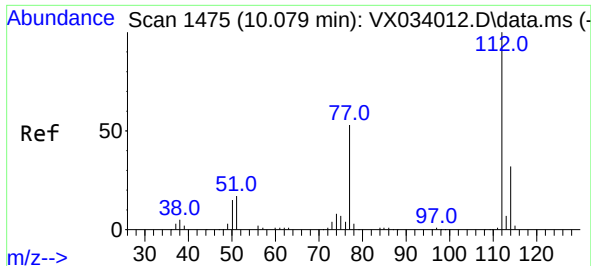
Tgt Ion:117 Resp: 486284  
Ion Ratio Lower Upper  
117 100  
82 54.7 40.6 60.8  
119 32.5 25.6 38.4



#64  
Tetrachloroethene  
Concen: 48.591 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. -0.006 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion:164 Resp: 166767  
Ion Ratio Lower Upper  
164 100  
166 124.9 100.2 150.2  
129 98.6 69.2 103.8  
131 94.4 67.2 100.8

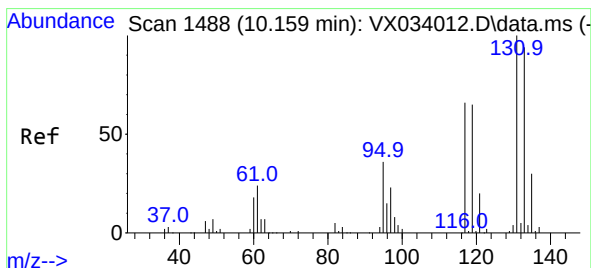
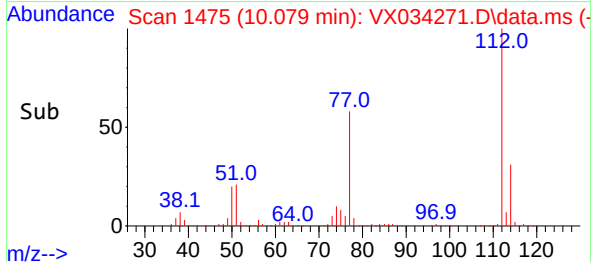
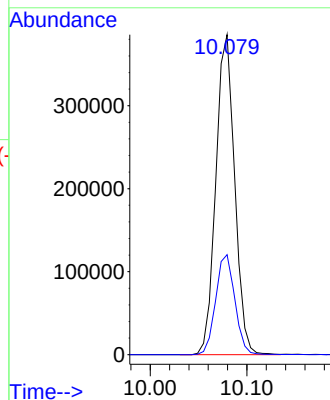
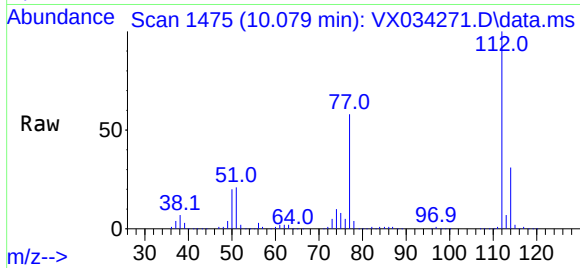




#65  
Chlorobenzene  
Concen: 51.317 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

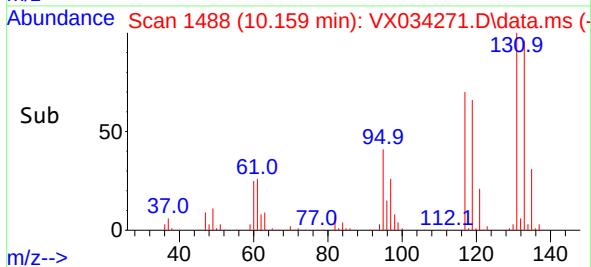
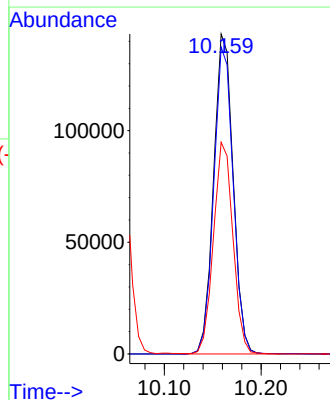
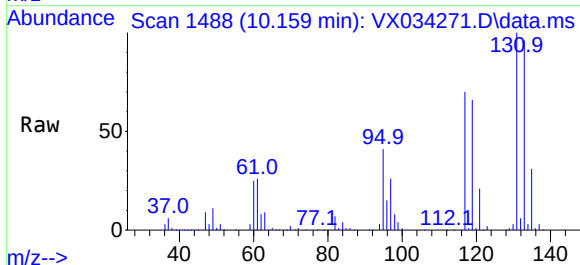
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

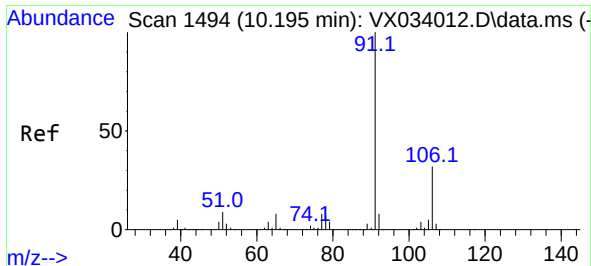
Tgt Ion:112 Resp: 520181  
Ion Ratio Lower Upper  
112 100  
114 31.2 26.2 39.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.981 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion:131 Resp: 200056  
Ion Ratio Lower Upper  
131 100  
133 95.5 48.4 145.0  
119 66.0 31.9 95.7





#67

Ethyl Benzene

Concen: 52.189 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA\_X

ClientSampleId :

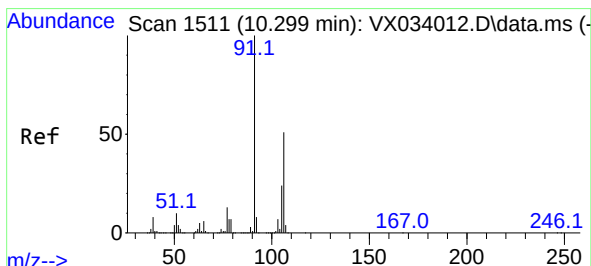
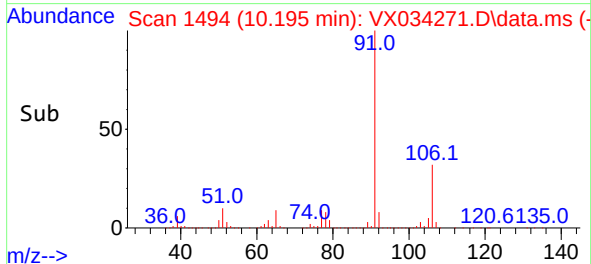
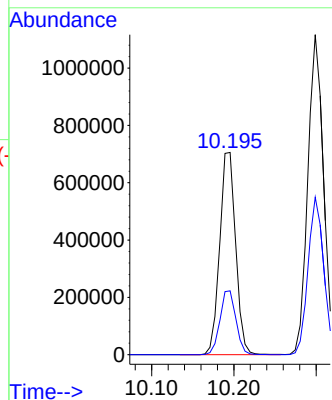
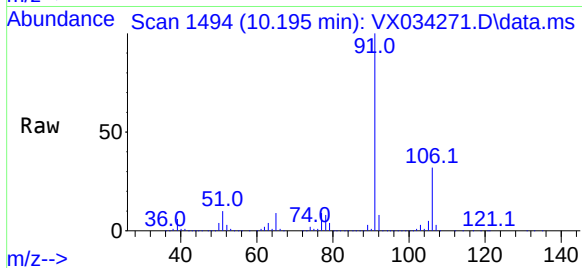
VSTDCCC050

Tgt Ion: 91 Resp: 950412

Ion Ratio Lower Upper

91 100

106 31.6 25.8 38.8



#68

m/p-Xylenes

Concen: 104.819 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX034271.D

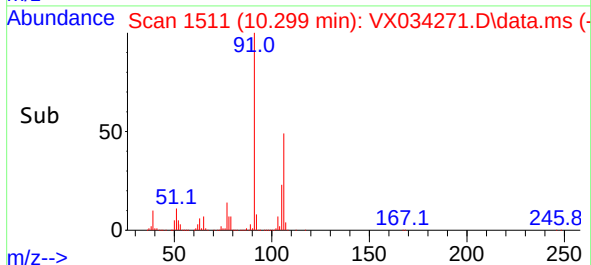
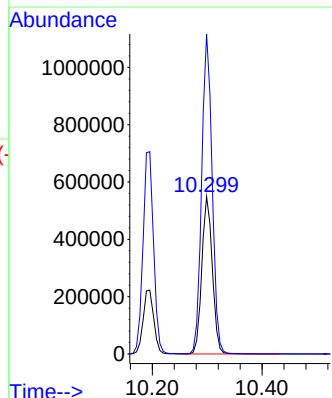
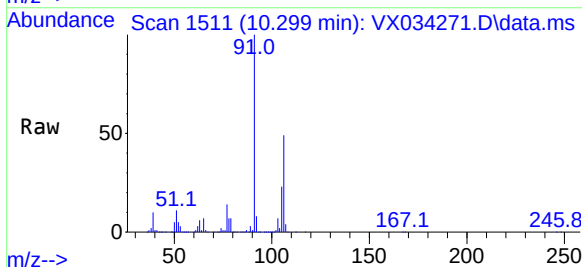
Acq: 27 Feb 2023 11:00

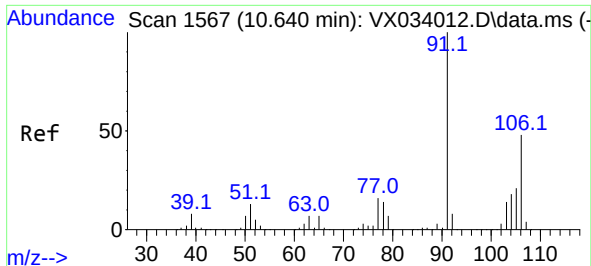
Tgt Ion:106 Resp: 730490

Ion Ratio Lower Upper

106 100

91 202.4 156.4 234.6

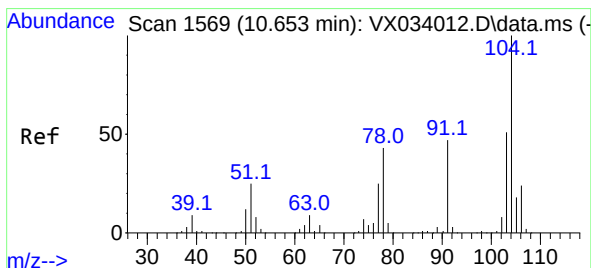
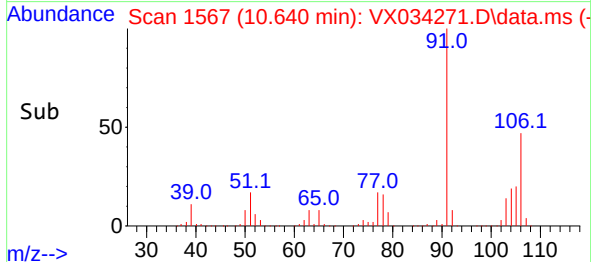
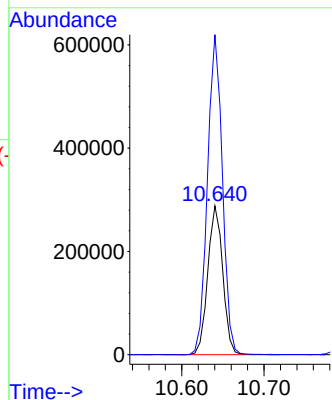
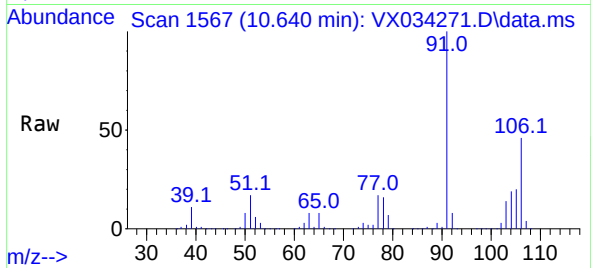




#69  
o-Xylene  
Concen: 52.624 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

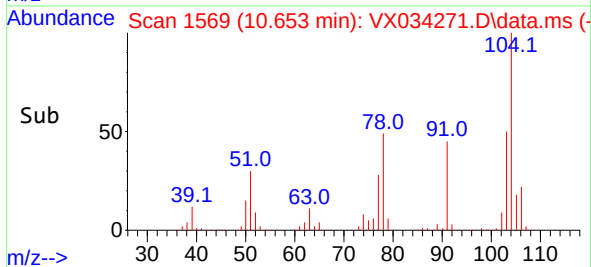
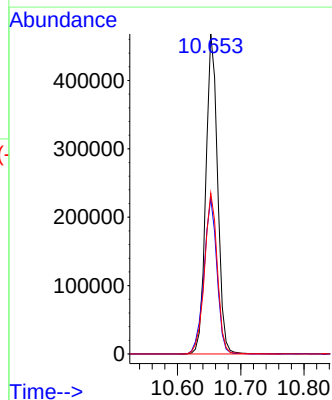
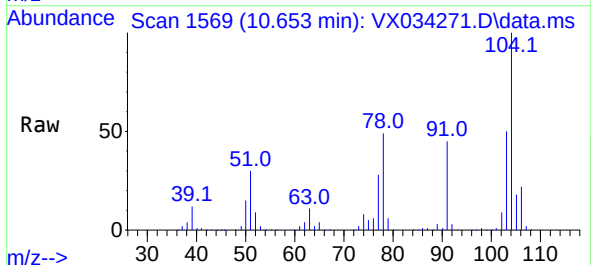
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

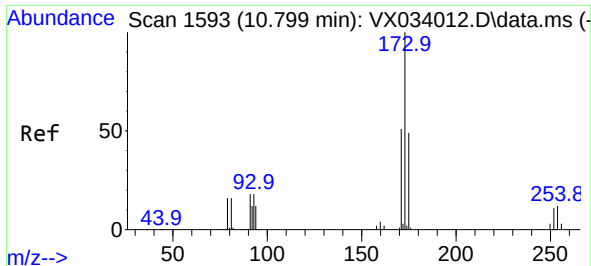
Tgt Ion:106 Resp: 365110  
Ion Ratio Lower Upper  
106 100  
91 213.9 103.1 309.3



#70  
Styrene  
Concen: 53.743 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. -0.006 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion:104 Resp: 606433  
Ion Ratio Lower Upper  
104 100  
78 53.6 37.5 56.3  
103 54.7 43.3 64.9

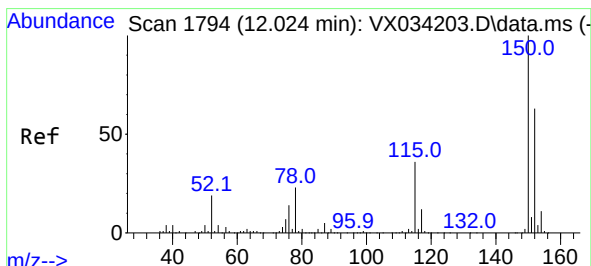
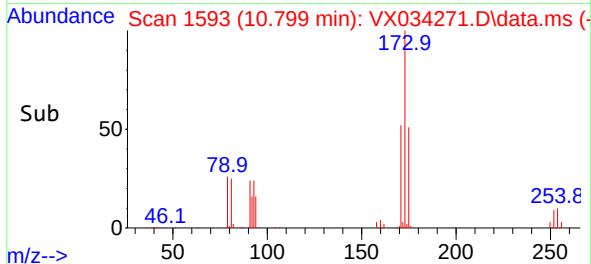
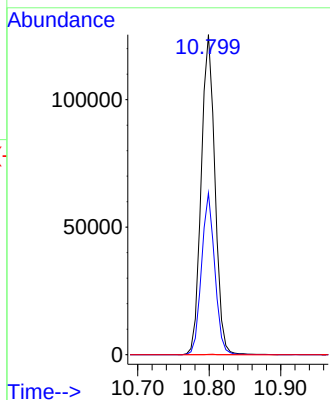
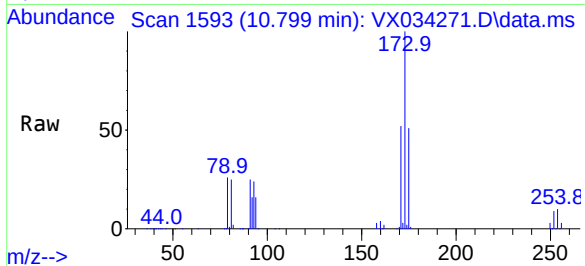




#71  
Bromoform  
Concen: 52.240 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

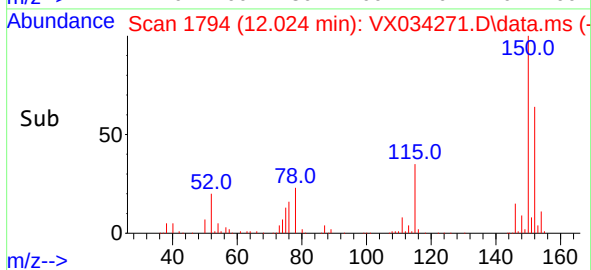
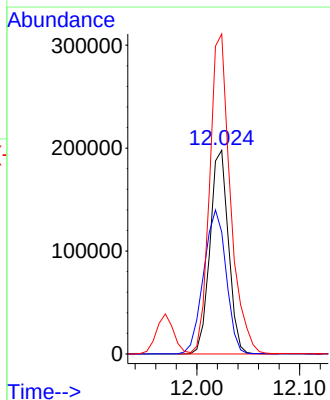
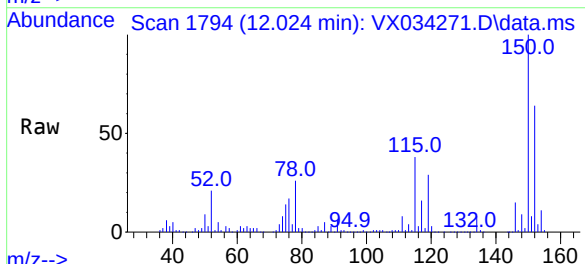
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:173 Resp: 167329  
Ion Ratio Lower Upper  
173 100  
175 48.6 24.1 72.3  
254 0.0 0.1 0.1#

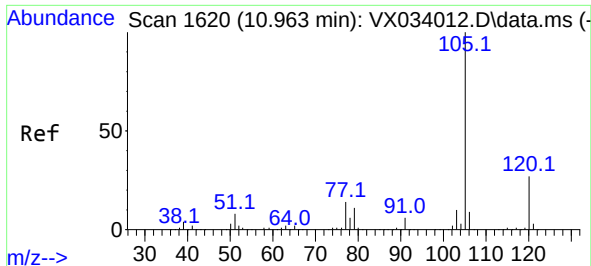


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion:152 Resp: 246583  
Ion Ratio Lower Upper  
152 100  
115 86.6 38.7 116.1  
150 175.9 0.0 348.2



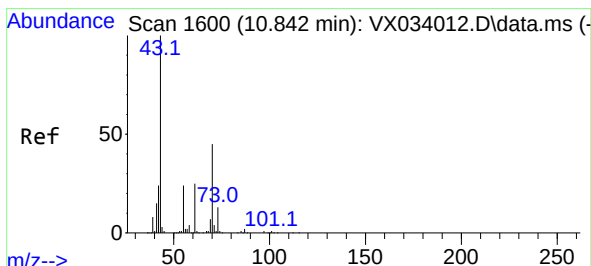
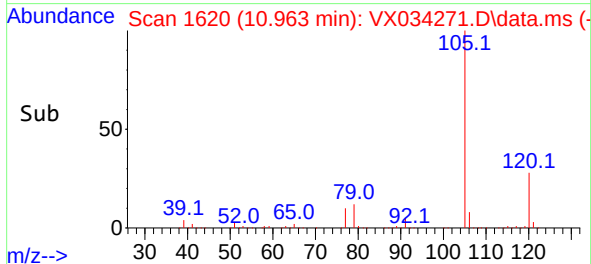
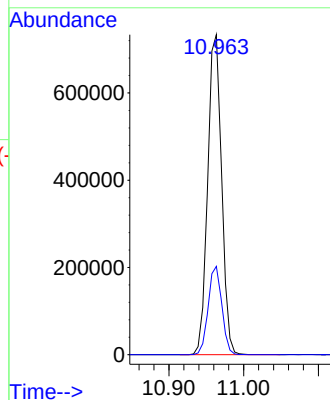
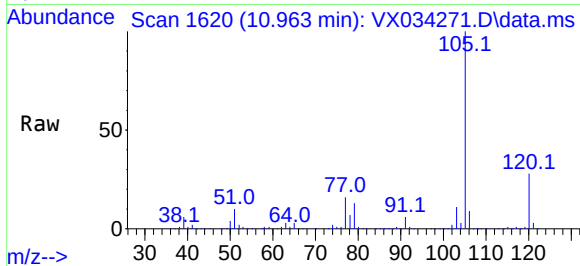




#73  
Isopropylbenzene  
Concen: 50.448 ug/l  
RT: 10.963 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

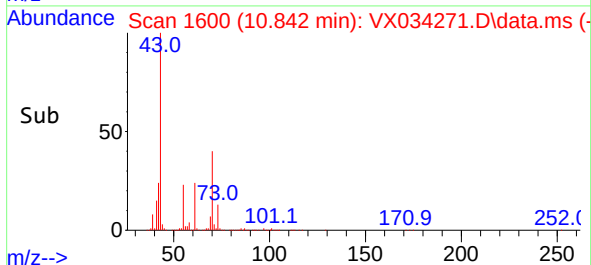
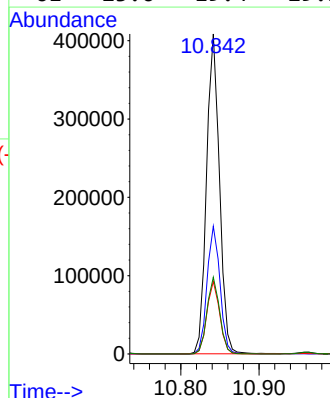
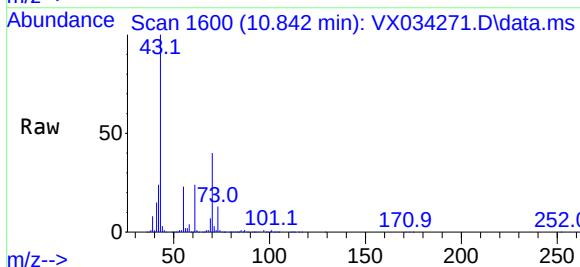
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

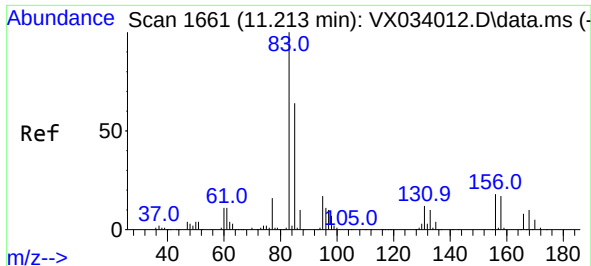
Tgt Ion:105 Resp: 948062  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.6 40.8



#74  
N-ethyl acetate  
Concen: 49.406 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 43 Resp: 466452  
Ion Ratio Lower Upper  
43 100  
70 40.1 34.8 52.2  
55 22.6 19.4 29.0  
61 23.6 19.4 29.2

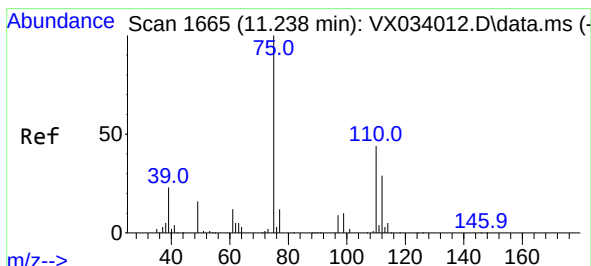
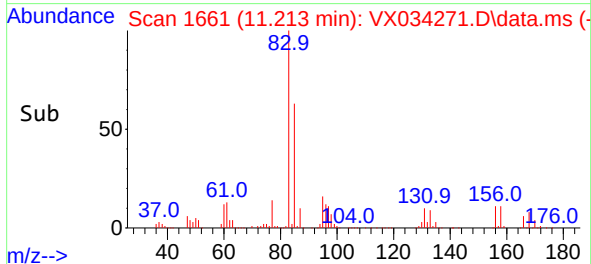
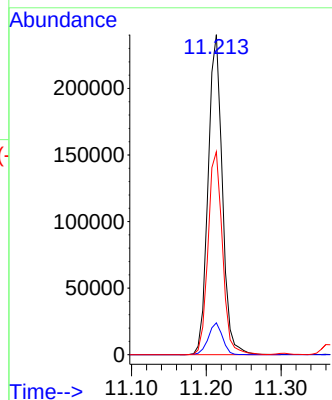
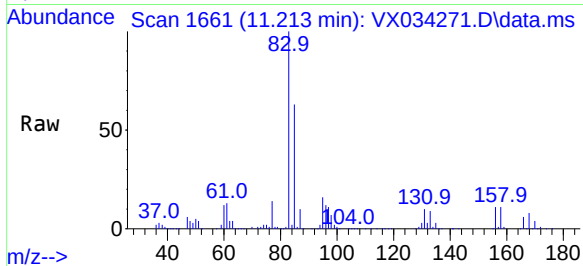




#75  
1,1,2,2-Tetrachloroethane  
Concen: 49.287 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

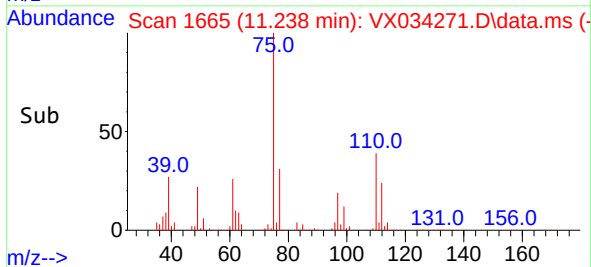
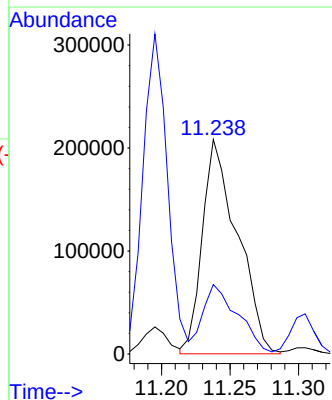
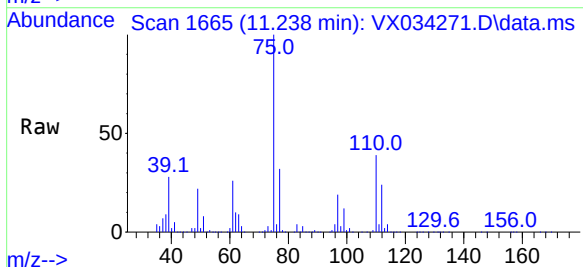
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

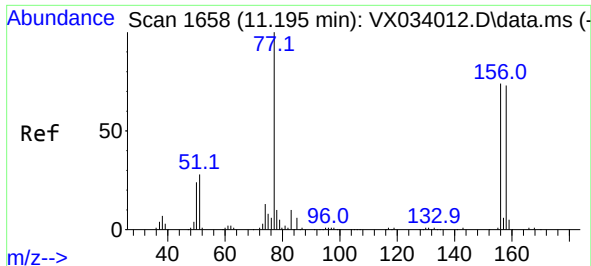
Tgt Ion: 83 Resp: 316801  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.5 16.7  
85 64.4 32.3 96.9



#76  
1,2,3-Trichloropropane  
Concen: 59.833 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 75 Resp: 371245  
Ion Ratio Lower Upper  
75 100  
77 32.3 21.8 65.4

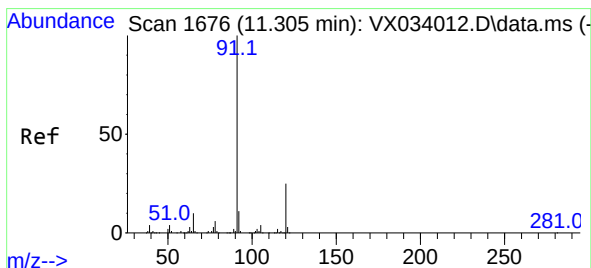
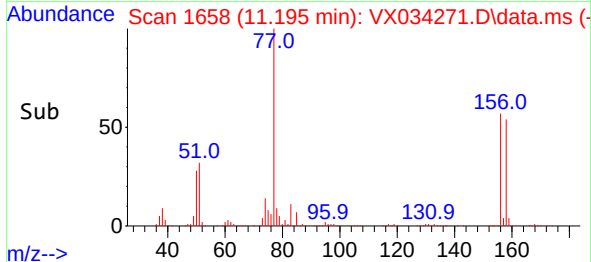
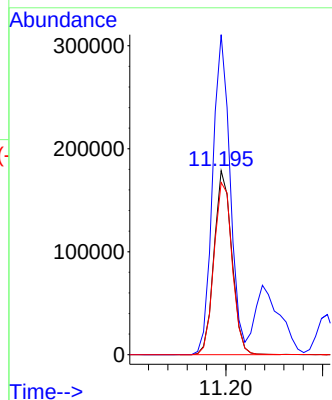
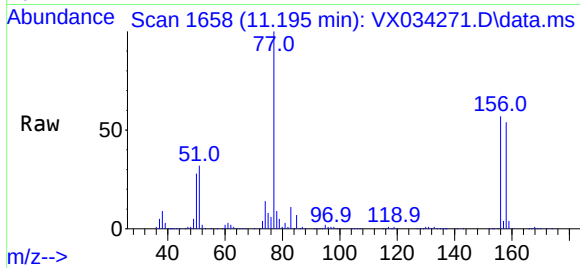




#77  
Bromobenzene  
Concen: 50.212 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

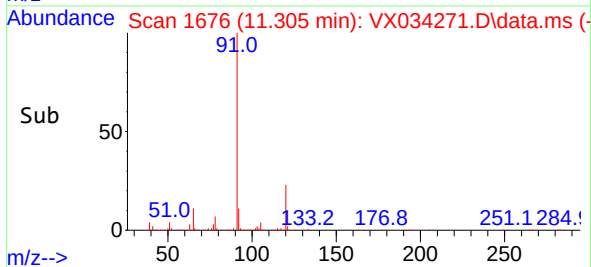
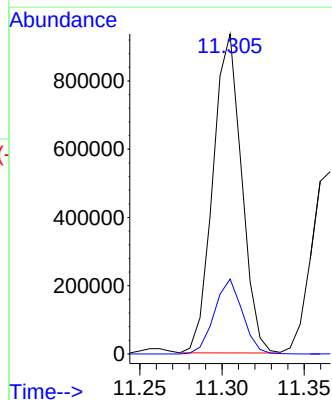
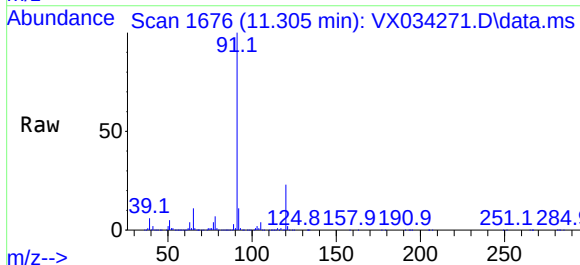
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

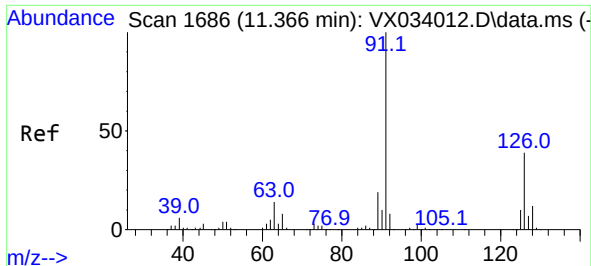
Tgt Ion:156 Resp: 227082  
Ion Ratio Lower Upper  
156 100  
77 171.8 68.1 204.3  
158 96.6 48.0 144.2



#78  
n-propylbenzene  
Concen: 51.968 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 91 Resp: 1135821  
Ion Ratio Lower Upper  
91 100  
120 23.0 12.3 36.8





#79

2-Chlorotoluene

Concen: 51.068 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034271.D

Acq: 27 Feb 2023 11:00

Instrument :

MSVOA\_X

ClientSampleId :

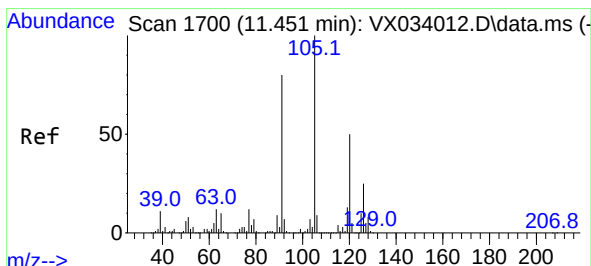
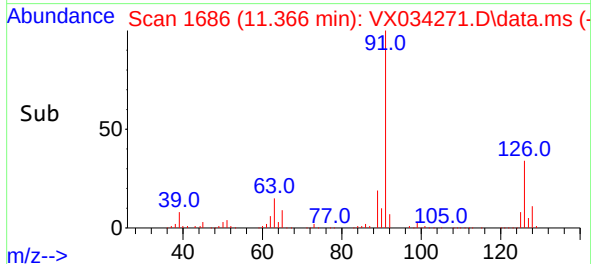
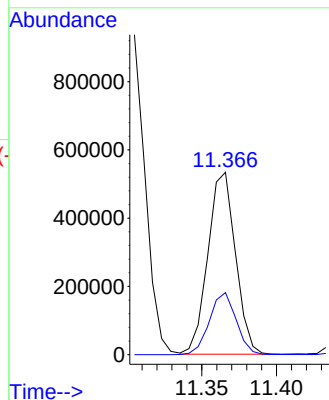
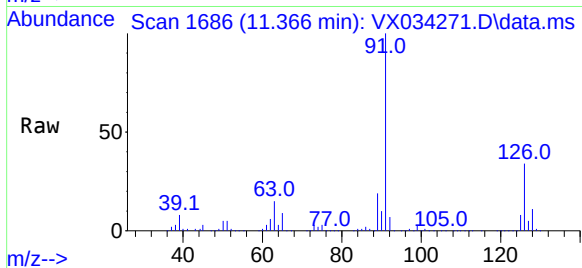
VSTDCCC050

Tgt Ion: 91 Resp: 684407

Ion Ratio Lower Upper

91 100

126 33.1 18.1 54.1



#80

1,3,5-Trimethylbenzene

Concen: 50.910 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034271.D

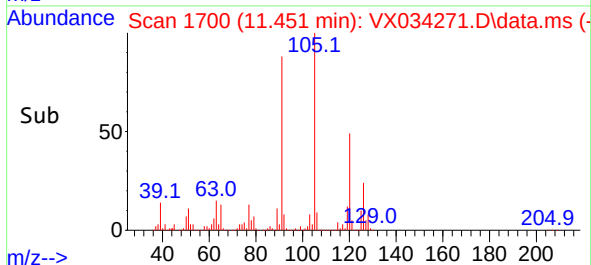
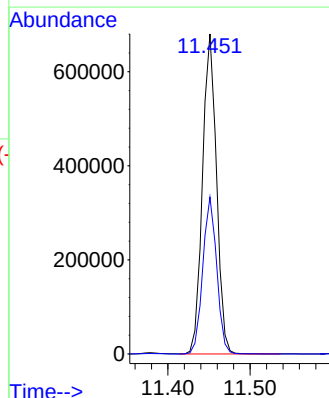
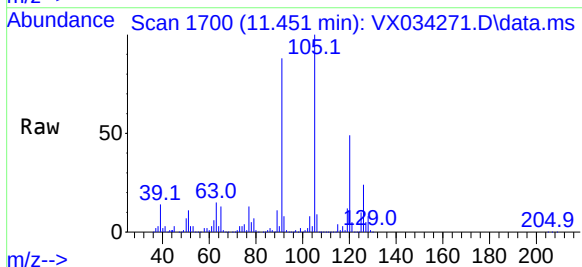
Acq: 27 Feb 2023 11:00

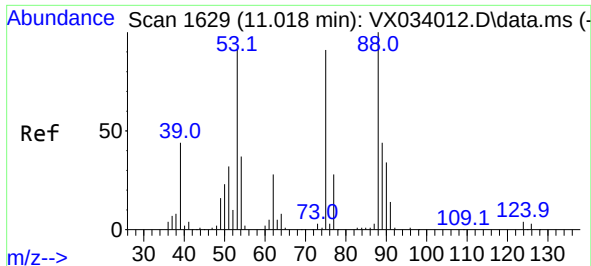
Tgt Ion: 105 Resp: 804385

Ion Ratio Lower Upper

105 100

120 48.7 25.6 76.8

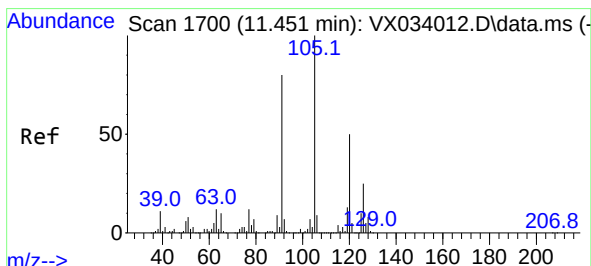
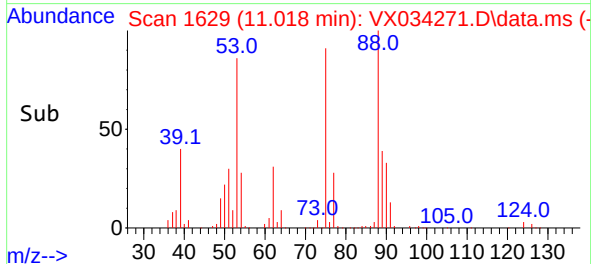
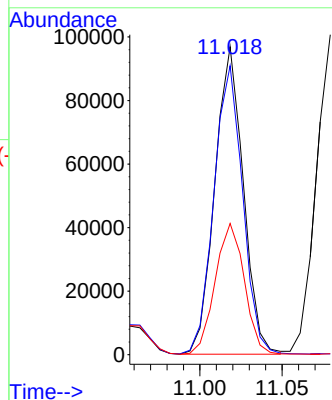
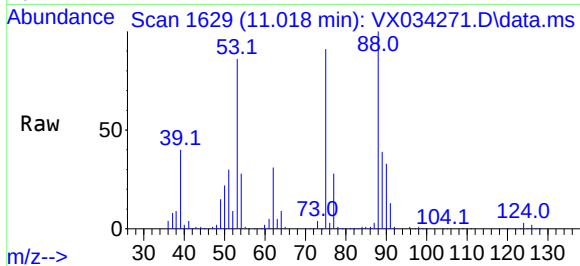




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.277 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

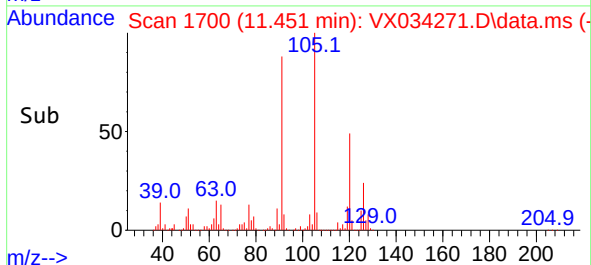
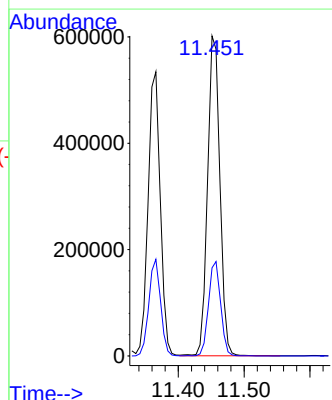
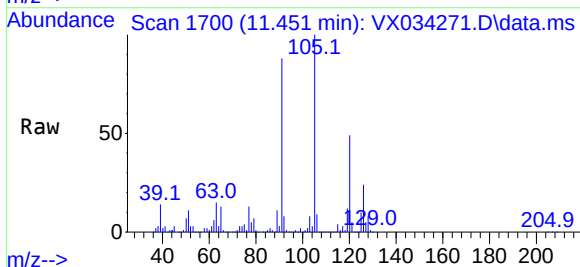
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

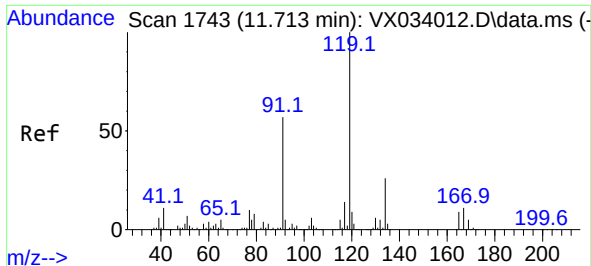
Tgt Ion: 75 Resp: 116603  
Ion Ratio Lower Upper  
75 100  
53 94.6 83.0 124.6  
89 44.4 37.7 56.5



#82  
4-Chlorotoluene  
Concen: 51.390 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 91 Resp: 784439  
Ion Ratio Lower Upper  
91 100  
126 29.0 15.8 47.4

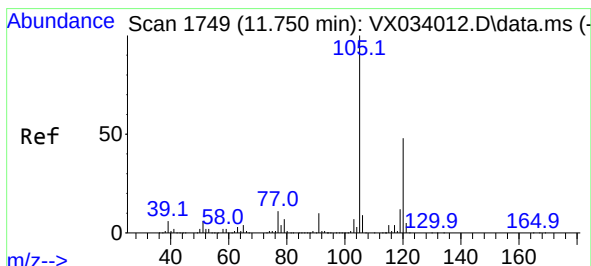
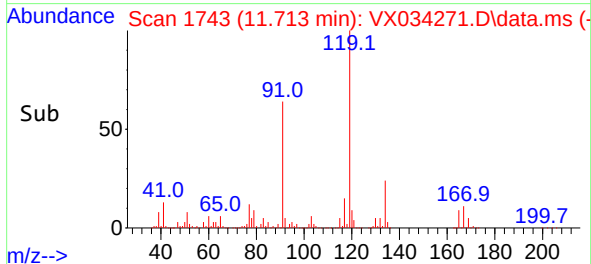
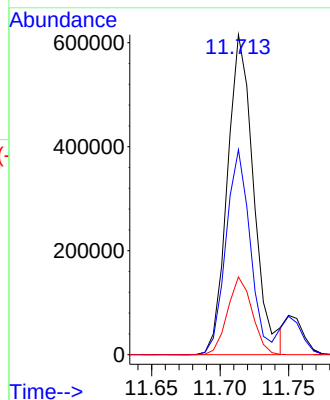
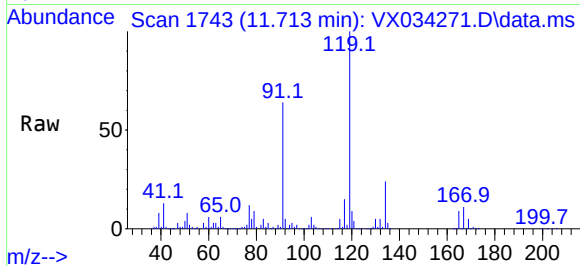




#83  
tert-Butylbenzene  
Concen: 50.826 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

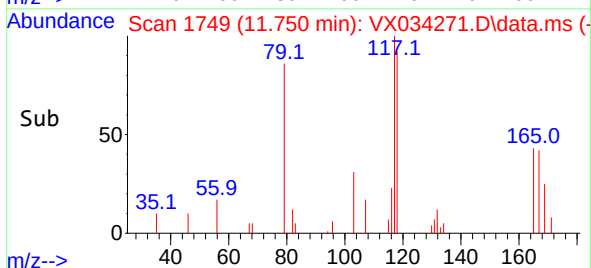
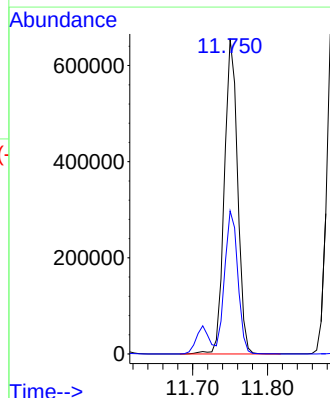
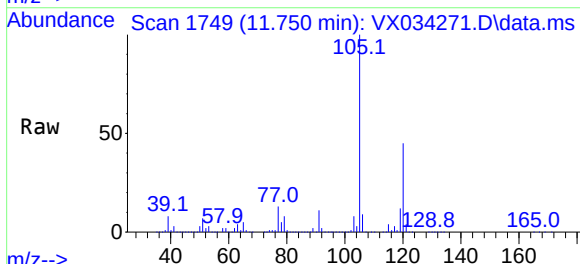
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

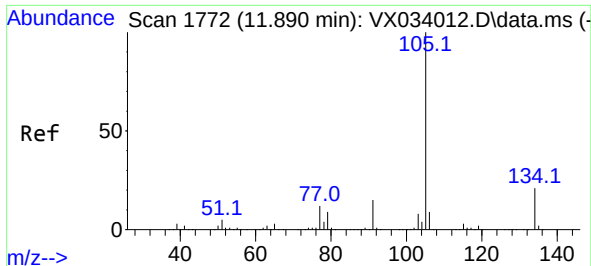
Tgt Ion:119 Resp: 822462  
Ion Ratio Lower Upper  
119 100  
91 59.4 26.9 80.7  
134 22.8 12.3 36.8



#84  
1,2,4-Trimethylbenzene  
Concen: 50.725 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion:105 Resp: 810359  
Ion Ratio Lower Upper  
105 100  
120 44.9 23.4 70.2

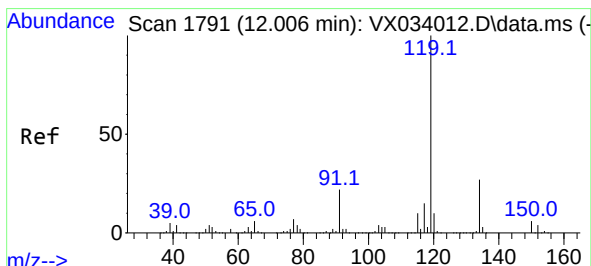
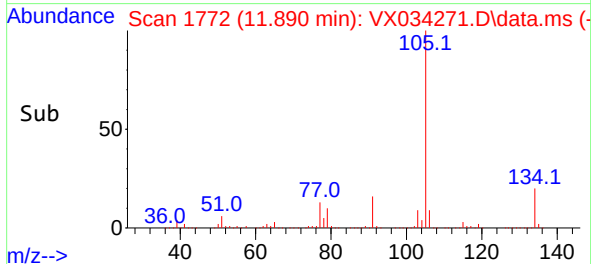
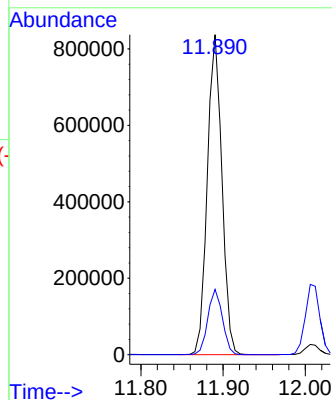
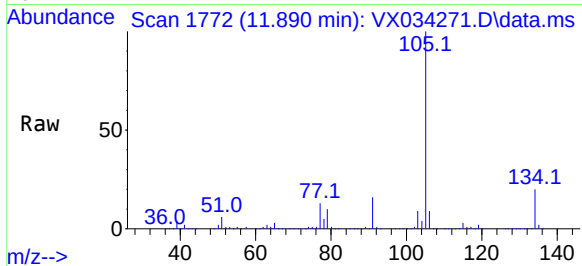




#85  
 sec-Butylbenzene  
 Concen: 52.398 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX034271.D  
 Acq: 27 Feb 2023 11:00

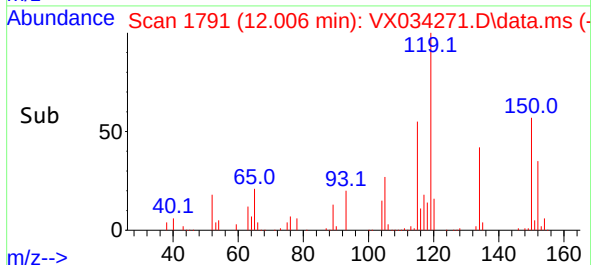
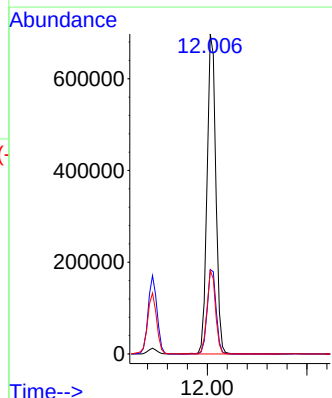
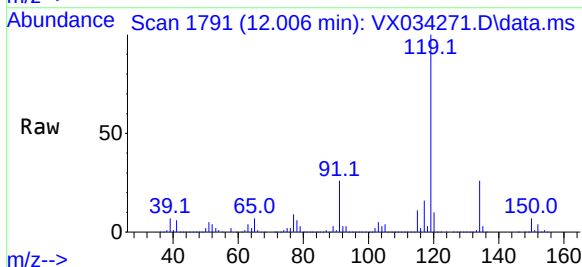
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

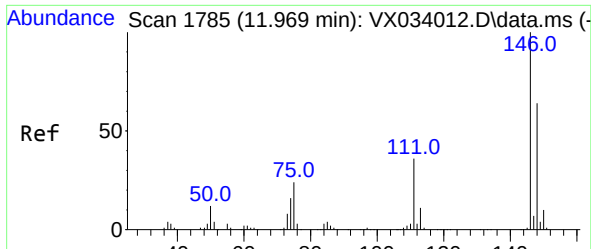
Tgt Ion:105 Resp: 1029676  
 Ion Ratio Lower Upper  
 105 100  
 134 20.5 10.8 32.3



#86  
 p-Isopropyltoluene  
 Concen: 52.244 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.006 min  
 Lab File: VX034271.D  
 Acq: 27 Feb 2023 11:00

Tgt Ion:119 Resp: 849650  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.6 40.8  
 91 25.4 11.0 33.0

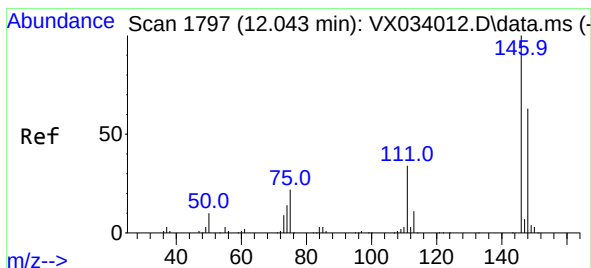
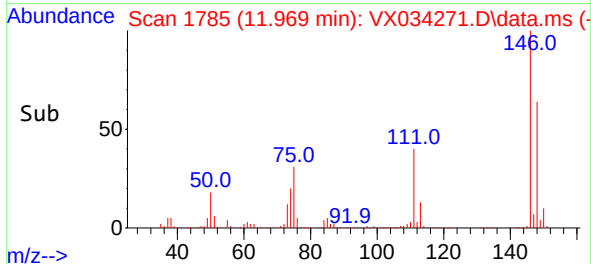
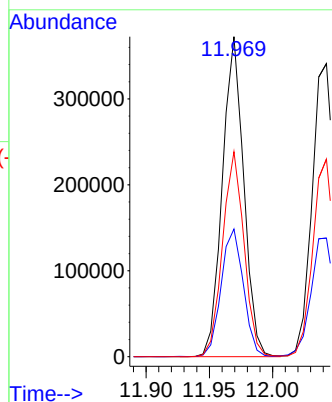
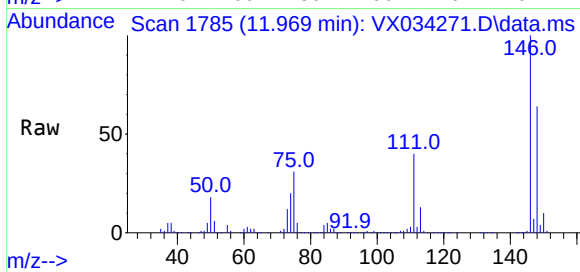




#87  
1,3-Dichlorobenzene  
Concen: 51.481 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

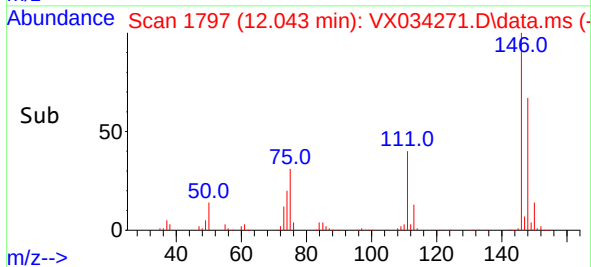
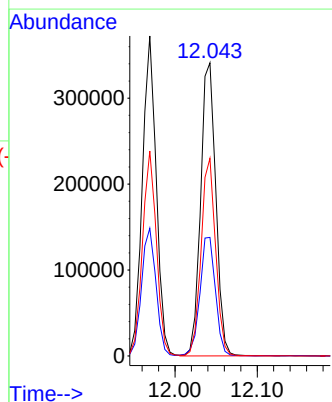
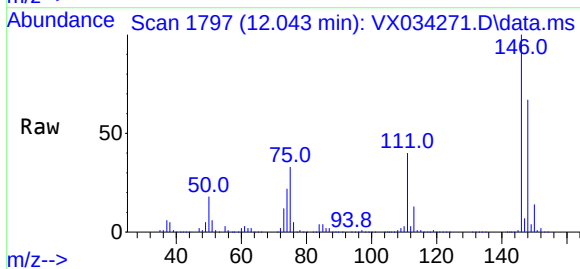
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:146 Resp: 436633  
Ion Ratio Lower Upper  
146 100  
111 41.7 18.6 55.6  
148 64.3 31.9 95.5

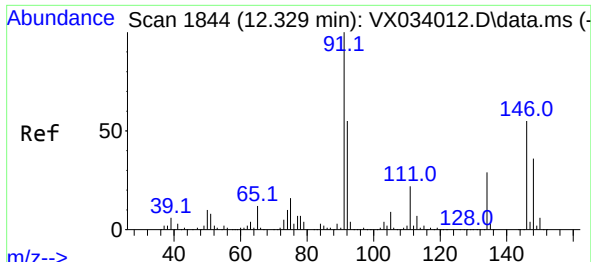


#88  
1,4-Dichlorobenzene  
Concen: 51.173 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion:146 Resp: 437774  
Ion Ratio Lower Upper  
146 100  
111 41.4 17.8 53.4  
148 64.7 32.1 96.3





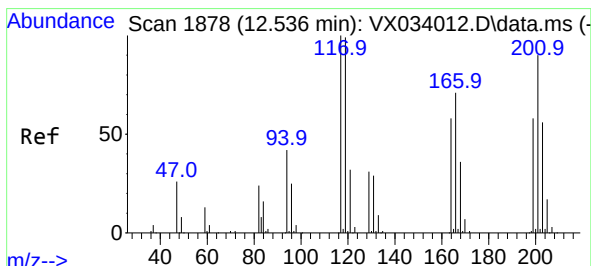
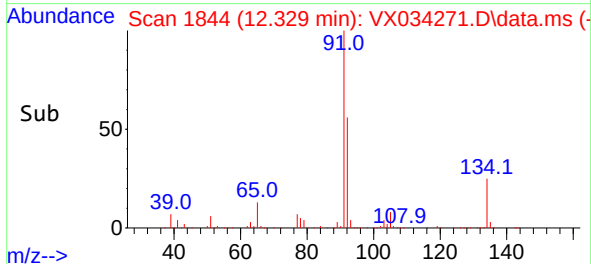
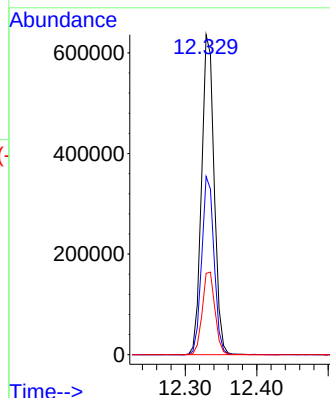
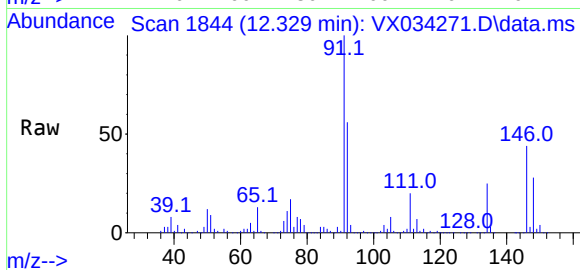


#89  
n-Butylbenzene  
Concen: 53.548 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.006 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 91 Resp: 775645

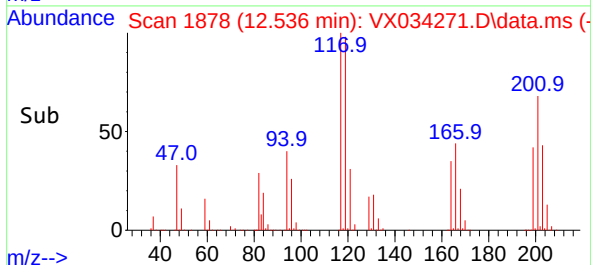
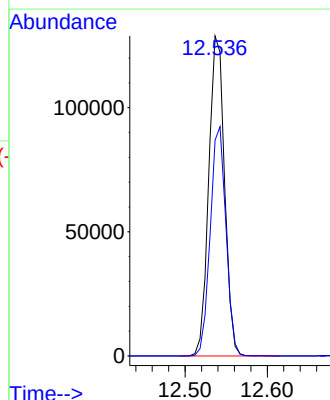
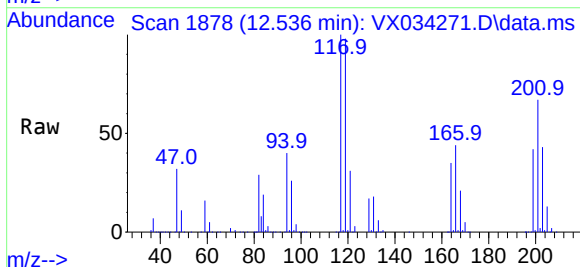
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 54.9  | 27.5  | 82.5  |
| 134 | 26.1  | 14.3  | 42.9  |

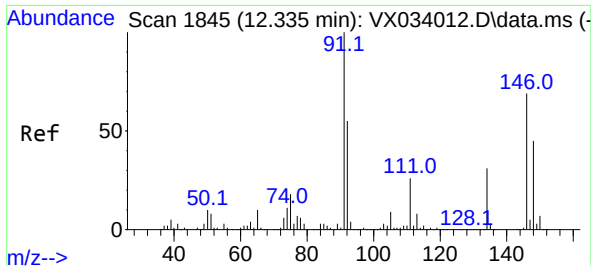


#90  
Hexachloroethane  
Concen: 50.480 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion: 117 Resp: 171652

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 71.3  | 45.1  | 135.3 |

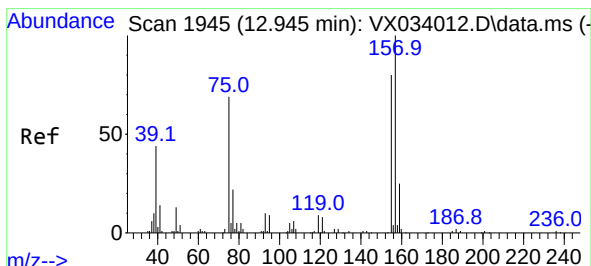
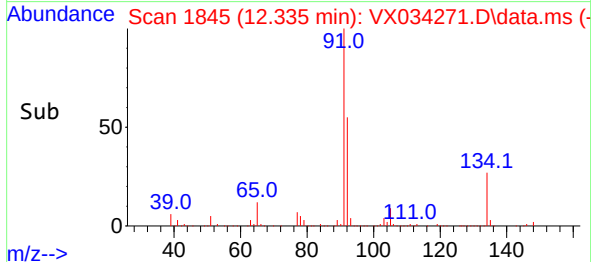
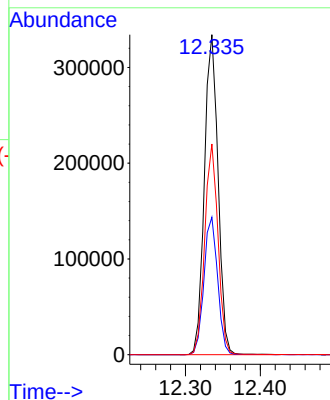
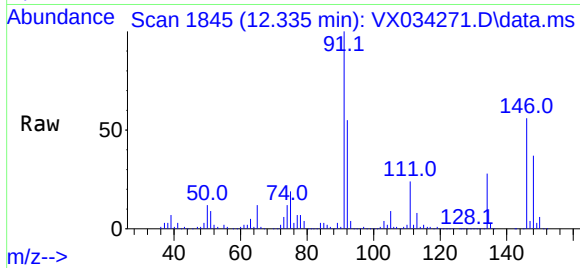




#91  
 1,2-Dichlorobenzene  
 Concen: 51.189 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: VX034271.D  
 Acq: 27 Feb 2023 11:00

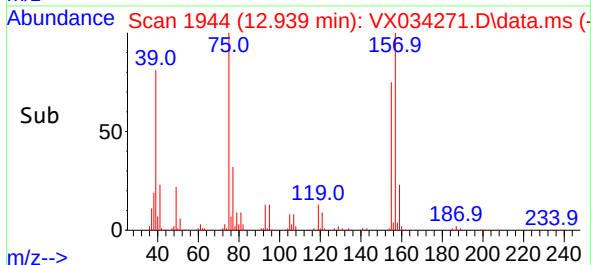
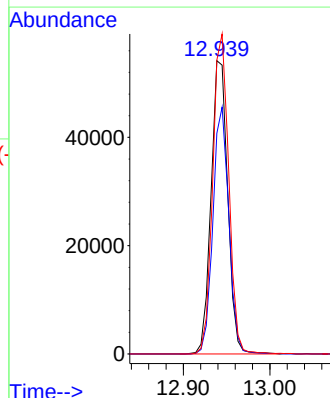
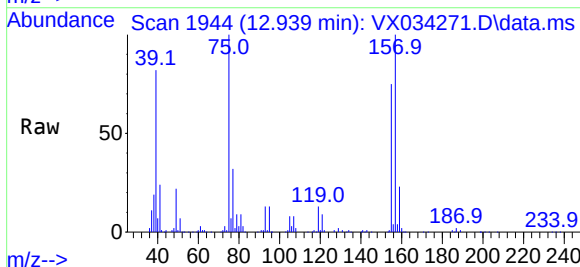
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

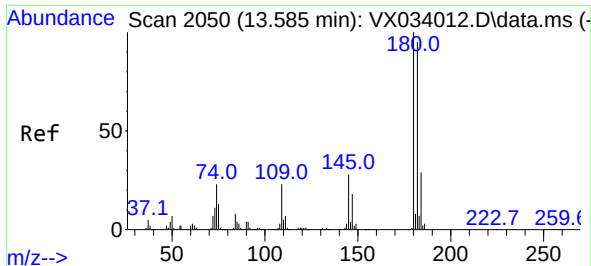
Tgt Ion:146 Resp: 424785  
 Ion Ratio Lower Upper  
 146 100  
 111 42.9 19.3 57.8  
 148 64.1 32.3 96.9



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 47.225 ug/l  
 RT: 12.939 min Scan# 1944  
 Delta R.T. -0.006 min  
 Lab File: VX034271.D  
 Acq: 27 Feb 2023 11:00

Tgt Ion: 75 Resp: 72384  
 Ion Ratio Lower Upper  
 75 100  
 155 80.4 51.7 155.1  
 157 105.2 67.5 202.3

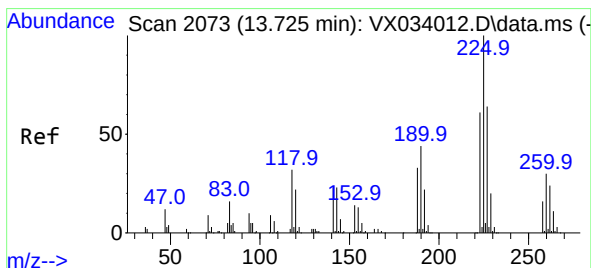
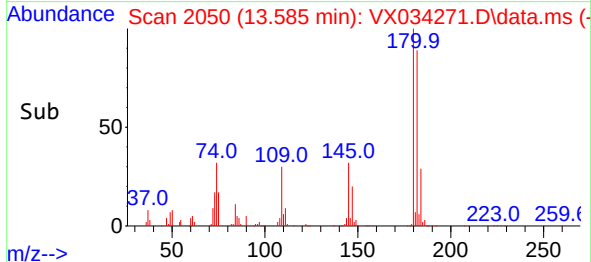
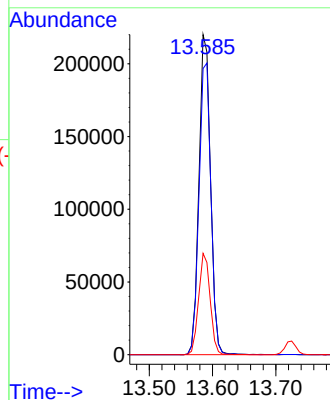
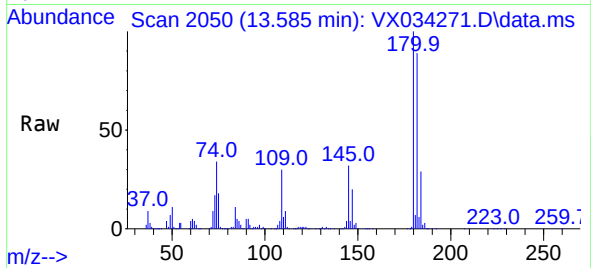




#93  
1,2,4-Trichlorobenzene  
Concen: 52.560 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. -0.006 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

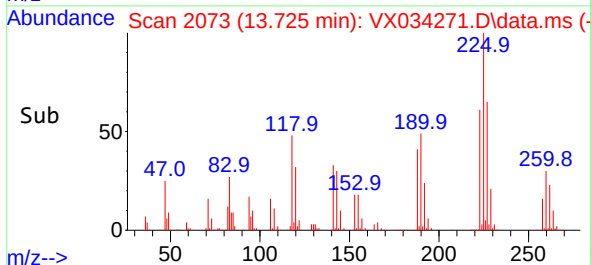
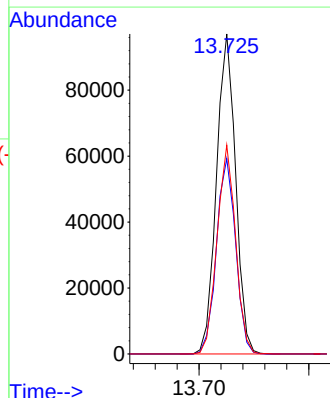
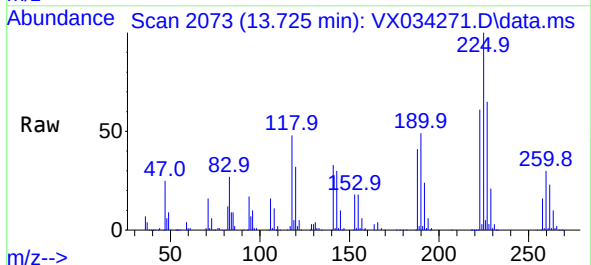
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

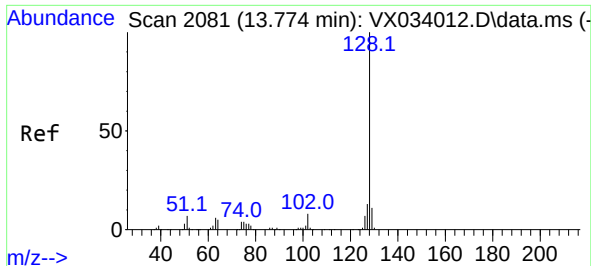
Tgt Ion:180 Resp: 280025  
Ion Ratio Lower Upper  
180 100  
182 94.0 47.9 143.6  
145 31.6 14.1 42.2



#94  
Hexachlorobutadiene  
Concen: 53.264 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion:225 Resp: 117639  
Ion Ratio Lower Upper  
225 100  
223 61.1 31.3 93.9  
227 63.3 32.3 96.9

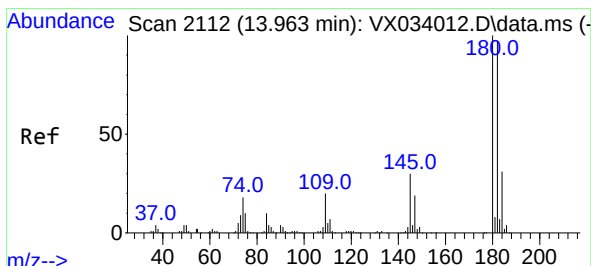
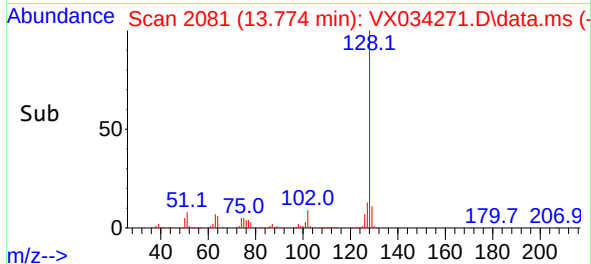
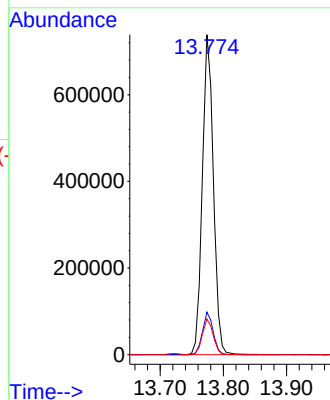
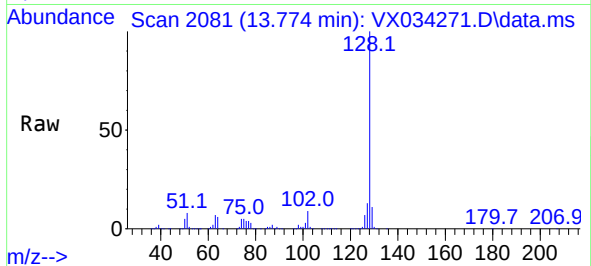




#95  
Naphthalene  
Concen: 50.124 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 899606  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.3 15.5  
129 10.9 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 50.832 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX034271.D  
Acq: 27 Feb 2023 11:00

Tgt Ion:180 Resp: 268863  
Ion Ratio Lower Upper  
180 100  
182 97.2 47.6 142.9  
145 33.9 15.1 45.3

