

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021123\Not Reviewed Data\  
 Data File : VX034092.D  
 Acq On : 09 Feb 2023 09:36  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Feb 09 17:13:36 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020423W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 03 23:25:45 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 155889   | 50.000 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 209398   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 187162   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 100354   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65    | 66476    | 44.233   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 88.460%  |
| 35) Dibromofluoromethane    | 5.379  | 113   | 59915    | 44.958   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 89.920%  |
| 50) Toluene-d8              | 8.647  | 98    | 212489   | 44.254   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 88.500%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 77570    | 45.233   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 90.460%  |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 60063  | 47.397  | ug/l   | 97  |
| 3) Chloromethane             | 1.294 | 50  | 49710  | 41.568  | ug/l   | 100 |
| 4) Vinyl Chloride            | 1.374 | 62  | 51676  | 41.262  | ug/l   | 100 |
| 5) Bromomethane              | 1.605 | 94  | 27879  | 43.229  | ug/l   | 98  |
| 6) Chloroethane              | 1.684 | 64  | 29608  | 42.752  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 90342  | 45.338  | ug/l   | 98  |
| 8) Diethyl Ether             | 2.130 | 74  | 28712  | 41.892  | ug/l   | 90  |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 58805  | 44.201  | ug/l   | 91  |
| 10) Methyl Iodide            | 2.453 | 142 | 79805  | 42.342  | ug/l   | 93  |
| 11) Tert butyl alcohol       | 2.953 | 59  | 46103  | 218.962 | ug/l # | 82  |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 54391  | 42.613  | ug/l   | 92  |
| 13) Acrolein                 | 2.233 | 56  | 58960  | 208.778 | ug/l   | 99  |
| 14) Allyl chloride           | 2.660 | 41  | 90128  | 43.308  | ug/l   | 91  |
| 15) Acrylonitrile            | 3.056 | 53  | 140138 | 207.488 | ug/l   | 99  |
| 16) Acetone                  | 2.373 | 43  | 166900 | 262.941 | ug/l   | 96  |
| 17) Carbon Disulfide         | 2.514 | 76  | 135581 | 41.867  | ug/l   | 98  |
| 18) Methyl Acetate           | 2.696 | 43  | 85550  | 43.328  | ug/l   | 96  |
| 19) Methyl tert-butyl Ether  | 3.105 | 73  | 179882 | 45.702  | ug/l   | 99  |
| 20) Methylene Chloride       | 2.788 | 84  | 61278  | 42.198  | ug/l   | 90  |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 60260  | 43.346  | ug/l   | 97  |
| 22) Diisopropyl ether        | 3.751 | 45  | 177477 | 43.215  | ug/l   | 96  |
| 23) Vinyl Acetate            | 3.715 | 43  | 680520 | 217.606 | ug/l   | 96  |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 104341 | 44.078  | ug/l   | 99  |
| 25) 2-Butanone               | 4.544 | 43  | 207796 | 224.823 | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 4.471 | 77  | 81488  | 47.191  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 70007  | 43.779  | ug/l   | 97  |
| 28) Bromochloromethane       | 4.891 | 49  | 46487  | 44.667  | ug/l   | 86  |
| 29) Tetrahydrofuran          | 4.995 | 42  | 118476 | 201.544 | ug/l   | 93  |
| 30) Chloroform               | 5.086 | 83  | 110544 | 44.808  | ug/l   | 100 |
| 31) Cyclohexane              | 5.464 | 56  | 93939  | 42.922  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 5.379 | 97  | 99441  | 46.803  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 5.690 | 75  | 82738  | 45.282  | ug/l   | 99  |
| 37) Ethyl Acetate            | 4.702 | 43  | 73125  | 42.961  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 93087  | 47.767  | ug/l   | 97  |
| 39) Methylcyclohexane        | 7.379 | 83  | 105048 | 45.673  | ug/l   | 96  |
| 40) Benzene                  | 6.031 | 78  | 235879 | 44.617  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021123\Not Reviewed Data\  
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 Acq On : 09 Feb 2023 09:36  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Feb 09 17:13:36 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020423W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 03 23:25:45 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.910  | 41   | 43346    | 45.251  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 85861    | 47.794  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.330  | 43   | 121638   | 45.823  | ug/l   | 98       |
| 44) Trichloroethene           | 7.123  | 130  | 74761    | 46.011  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 59014    | 45.211  | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 43400    | 46.409  | ug/l   | 94       |
| 47) Bromodichloromethane      | 7.818  | 83   | 86545    | 48.840  | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.683  | 41   | 61617    | 44.957  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 25180    | 954.450 | ug/l # | 91       |
| 51) 4-Methyl-2-Pentanone      | 8.567  | 43   | 369276   | 221.779 | ug/l   | 97       |
| 52) Toluene                   | 8.714  | 92   | 155459   | 45.374  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 89494    | 50.240  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.360  | 75   | 98347    | 48.526  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 63214    | 46.192  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 90960    | 47.588  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 101832   | 45.551  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 202695   | 227.924 | ug/l   | 96       |
| 59) 2-Hexanone                | 9.427  | 43   | 283288   | 232.487 | ug/l   | 97       |
| 60) Dibromochloromethane      | 9.518  | 129  | 74215    | 48.931  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 67782    | 46.061  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.268  | 164  | 71206    | 45.563  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 175684   | 45.450  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 69249    | 47.408  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.189 | 91   | 302368   | 46.216  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 239129   | 91.438  | ug/l   | 100      |
| 69) o-Xylene                  | 10.640 | 106  | 116174   | 46.254  | ug/l   | 99       |
| 70) Styrene                   | 10.652 | 104  | 194495   | 47.017  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 59488    | 49.928  | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.963 | 105  | 310573   | 46.307  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.841 | 43   | 101001   | 45.712  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 86085    | 42.658  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 95957    | 55.687  | ug/l   | 81       |
| 77) Bromobenzene              | 11.195 | 156  | 84934    | 45.669  | ug/l   | 96       |
| 78) n-propylbenzene           | 11.305 | 91   | 343413   | 46.309  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 204532   | 45.551  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 259811   | 46.539  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 25920    | 46.324  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 237084   | 46.684  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 266686   | 46.239  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 260145   | 46.644  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 321951   | 46.655  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 286746   | 47.378  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 154988   | 45.417  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 157158   | 45.360  | ug/l   | 100      |
| 89) n-Butylbenzene            | 12.329 | 91   | 230274   | 48.528  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 46730    | 49.045  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 150349   | 45.174  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 18333    | 46.200  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 112550   | 47.862  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 55266    | 47.480  | ug/l   | 100      |
| 95) Naphthalene               | 13.774 | 128  | 300500   | 46.510  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 110226   | 46.664  | ug/l   | 99       |

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

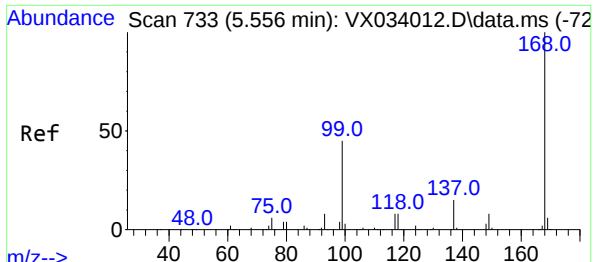
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Quant Time: Feb 09 17:13:36 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020423W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 03 23:25:45 2023  
Response via : Initial Calibration

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

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

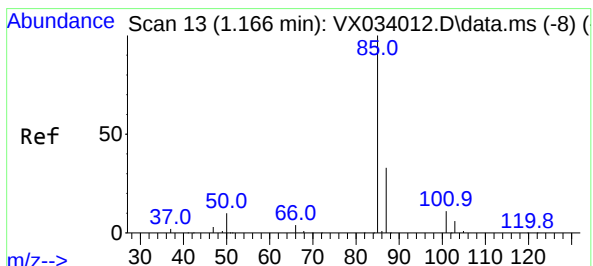
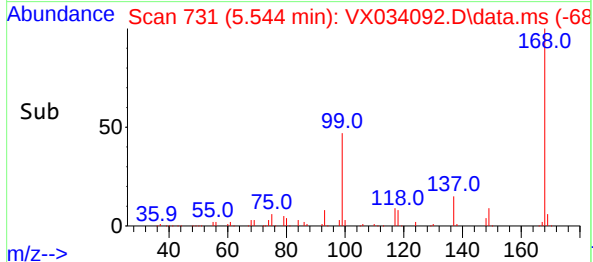
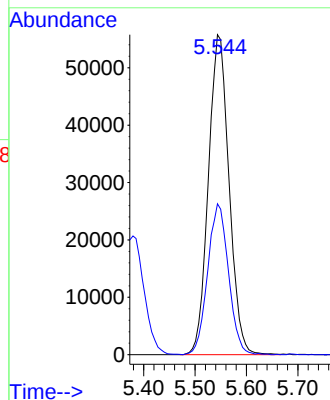
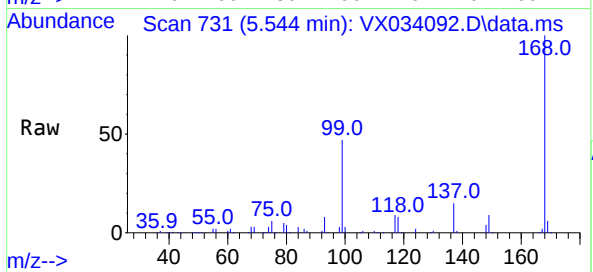




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

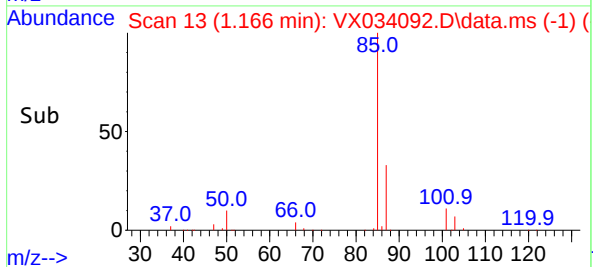
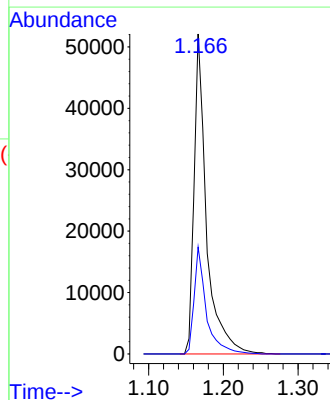
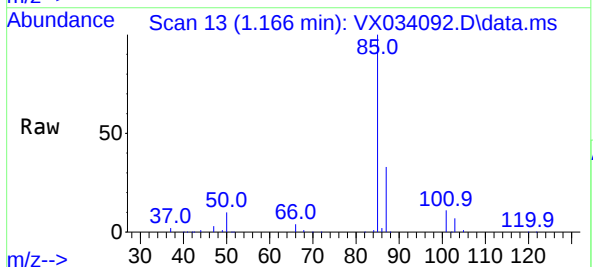
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:168 Resp: 155889  
Ion Ratio Lower Upper  
168 100  
99 47.2 39.6 59.4

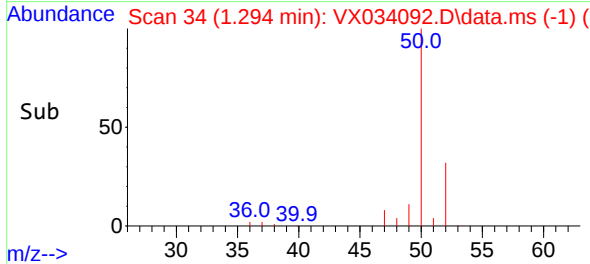
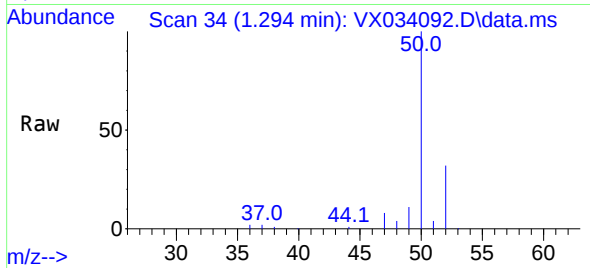
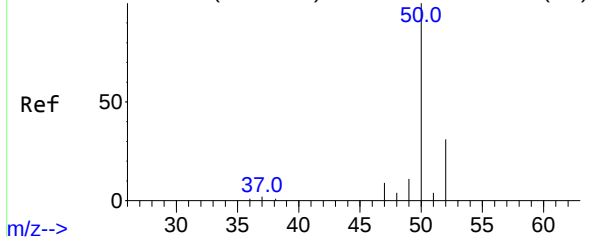


#2  
Dichlorodifluoromethane  
Concen: 47.397 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 85 Resp: 60063  
Ion Ratio Lower Upper  
85 100  
87 33.4 15.8 47.4



Abundance Scan 34 (1.294 min): VX034012.D\data.ms (-29)



#3

Chloromethane

Concen: 41.568 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA\_X

ClientSampleId :

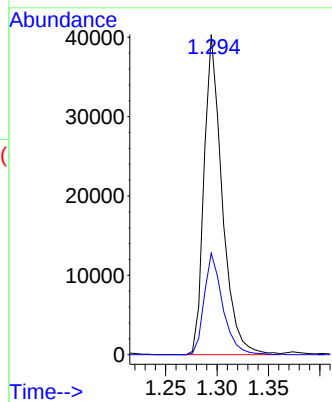
VSTDCCC050

Tgt Ion: 50 Resp: 49710

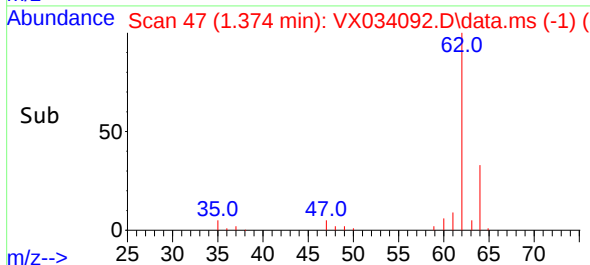
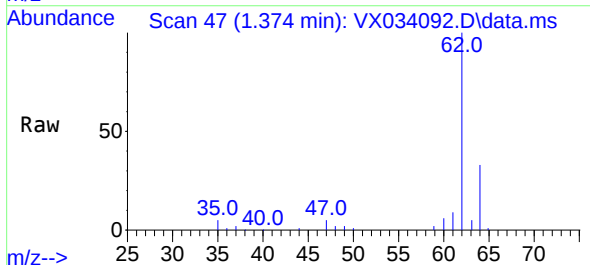
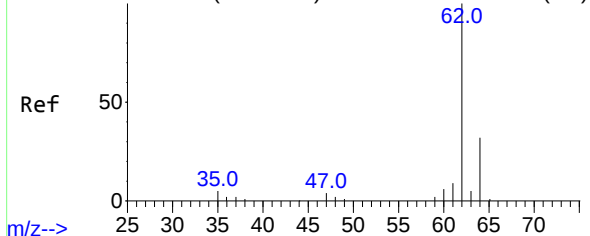
Ion Ratio Lower Upper

50 100

52 31.7 25.2 37.8



Abundance Scan 47 (1.374 min): VX034012.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 41.262 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX034092.D

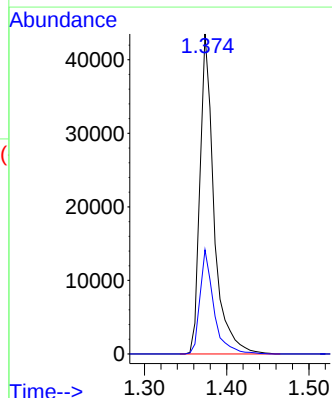
Acq: 09 Feb 2023 09:36

Tgt Ion: 62 Resp: 51676

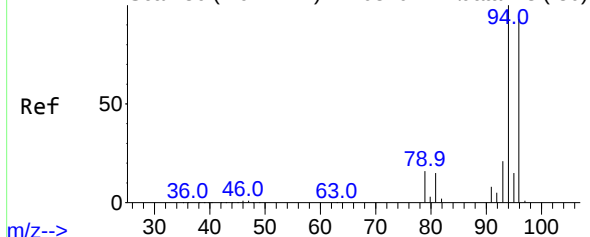
Ion Ratio Lower Upper

62 100

64 32.5 26.2 39.4



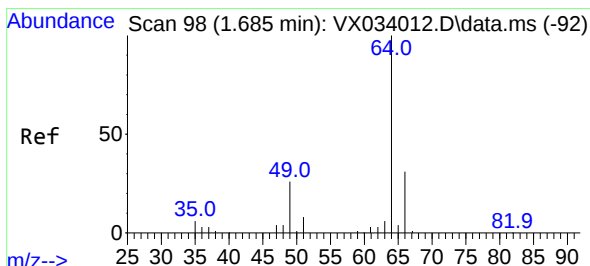
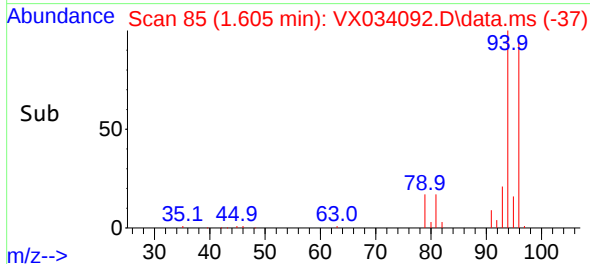
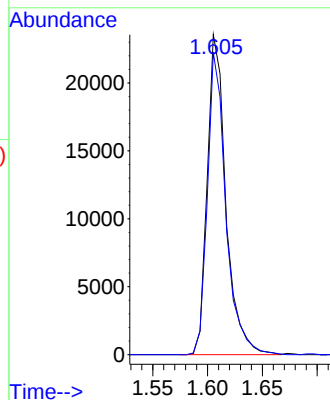
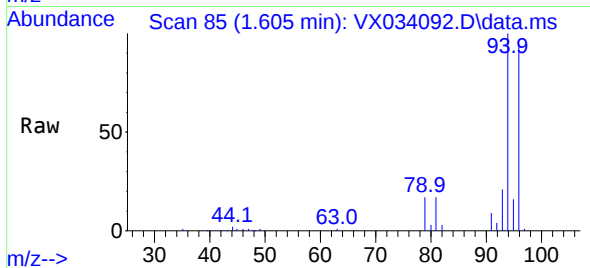
Abundance Scan 86 (1.611 min): VX034012.D\data.ms (-80)



#5  
Bromomethane  
Concen: 43.229 ug/l  
RT: 1.605 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

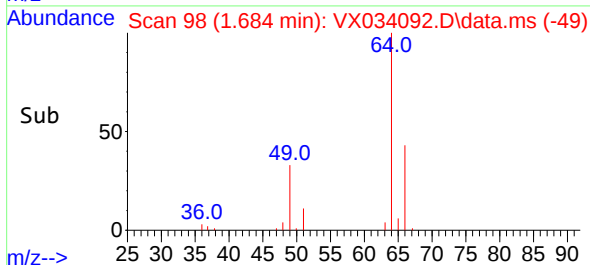
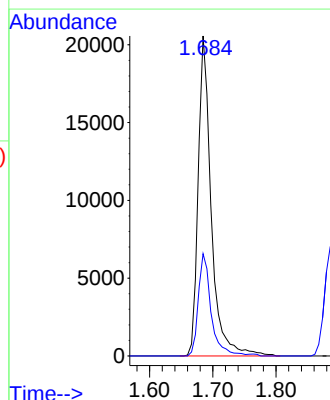
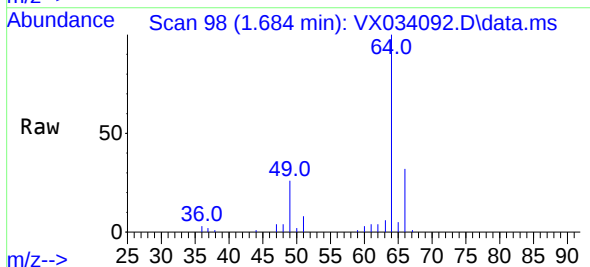
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

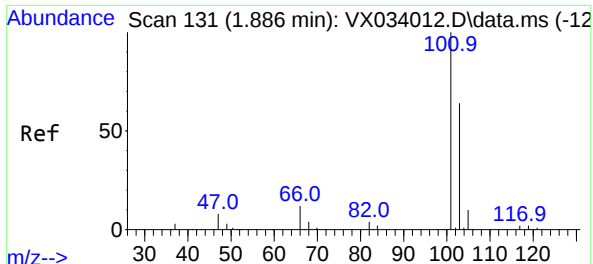
Tgt Ion: 94 Resp: 27879  
Ion Ratio Lower Upper  
94 100  
96 94.4 74.3 111.5



#6  
Chloroethane  
Concen: 42.752 ug/l  
RT: 1.684 min Scan# 98  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 64 Resp: 29608  
Ion Ratio Lower Upper  
64 100  
66 31.9 26.1 39.1

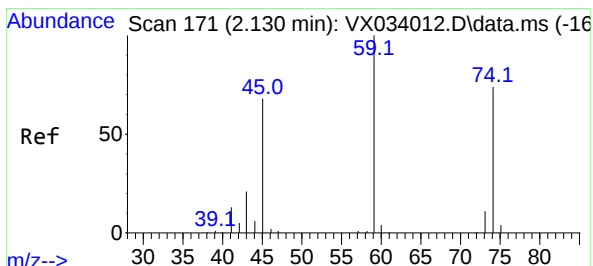
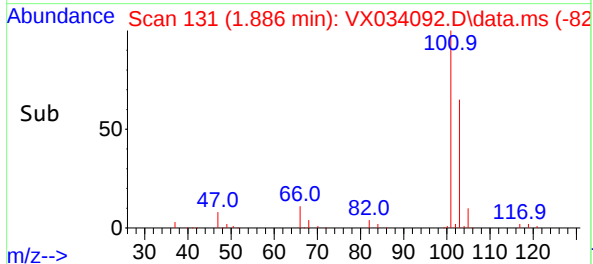
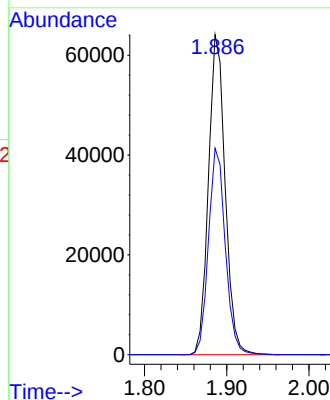
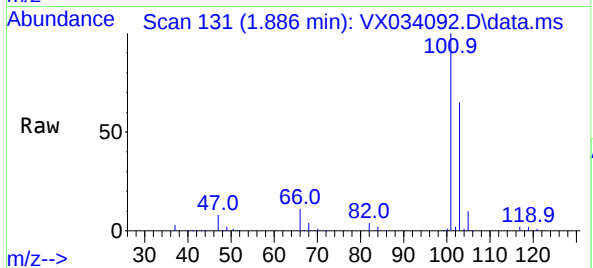




#7  
Trichlorofluoromethane  
Concen: 45.338 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

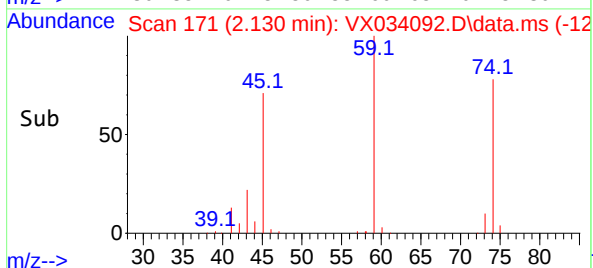
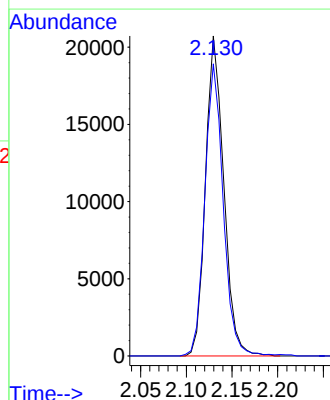
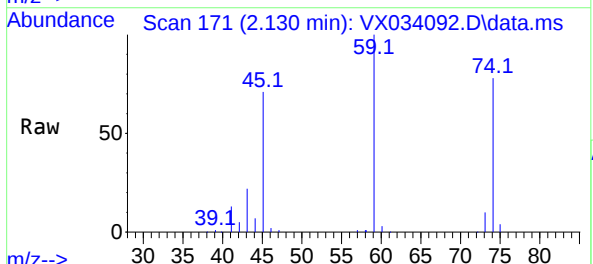
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

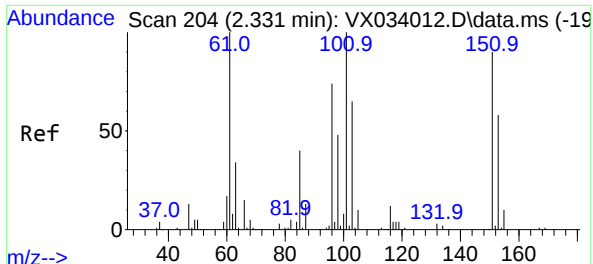
Tgt Ion:101 Resp: 90342  
Ion Ratio Lower Upper  
101 100  
103 64.5 50.6 75.8



#8  
Diethyl Ether  
Concen: 41.892 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 74 Resp: 28712  
Ion Ratio Lower Upper  
74 100  
45 92.3 51.5 154.5

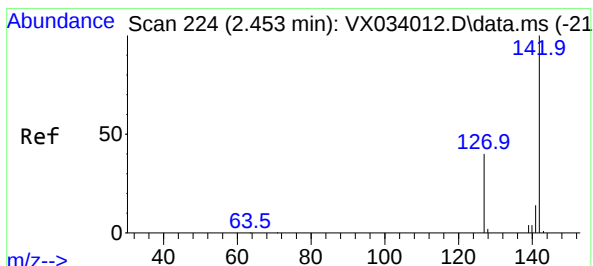
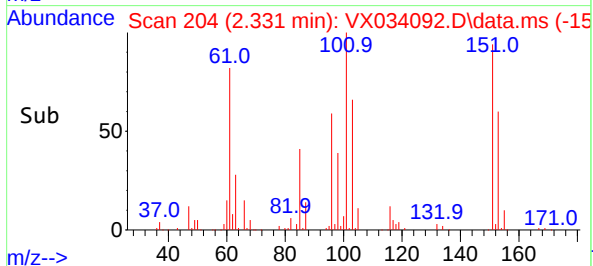
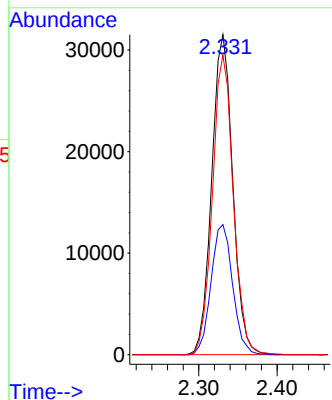
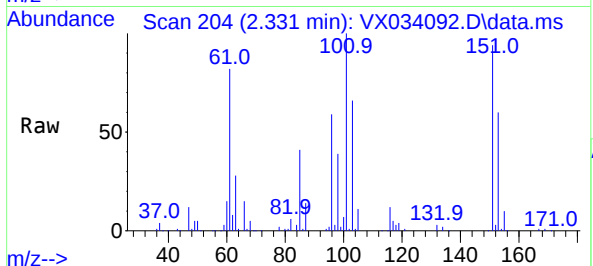




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 44.201 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

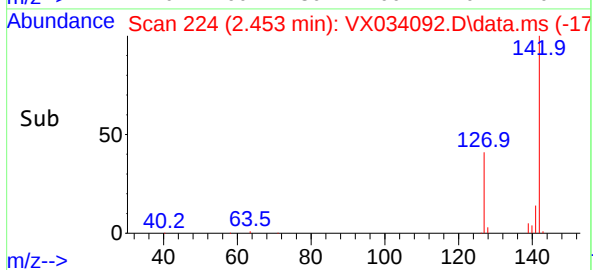
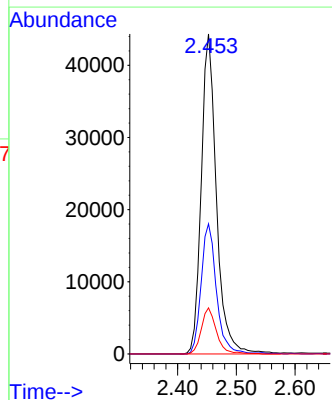
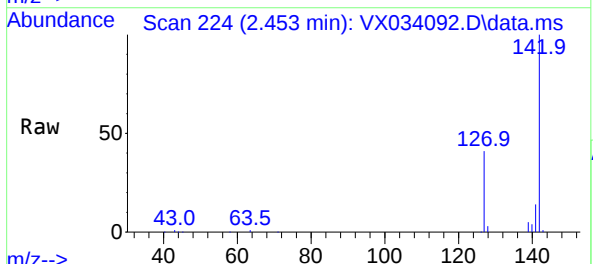
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

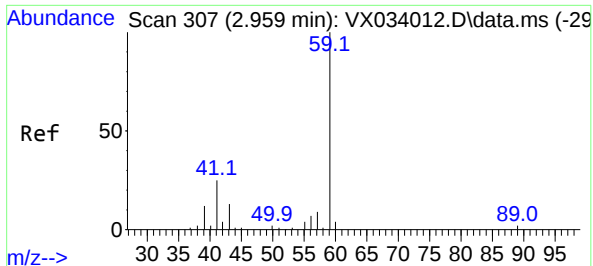
Tgt Ion:101 Resp: 58805  
Ion Ratio Lower Upper  
101 100  
85 41.8 36.7 55.1  
151 92.8 66.5 99.7



#10  
Methyl Iodide  
Concen: 42.342 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion:142 Resp: 79805  
Ion Ratio Lower Upper  
142 100  
127 40.7 37.3 55.9  
141 14.3 11.5 17.3





#11

Tert butyl alcohol

Concen: 218.962 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA\_X

ClientSampleId :

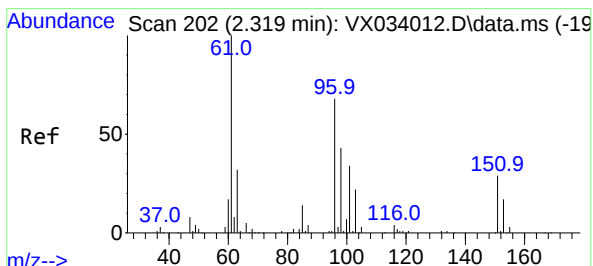
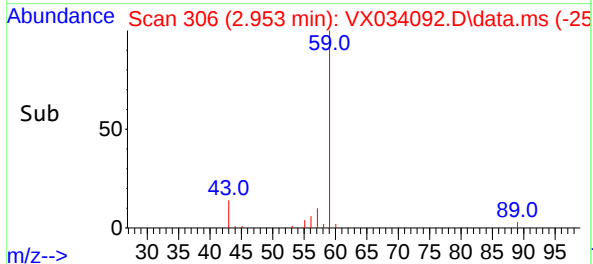
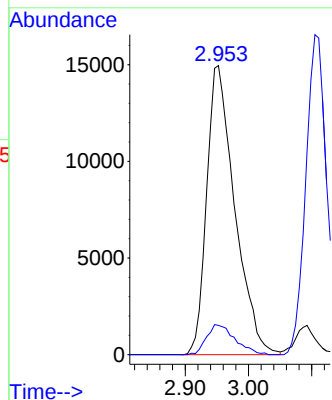
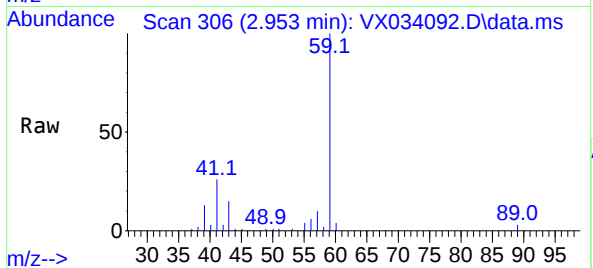
VSTDCCC050

Tgt Ion: 59 Resp: 46103

Ion Ratio Lower Upper

59 100

57 10.6 3.7 5.5#



#12

1,1-Dichloroethene

Concen: 42.613 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

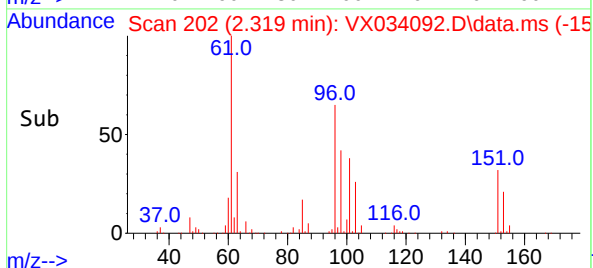
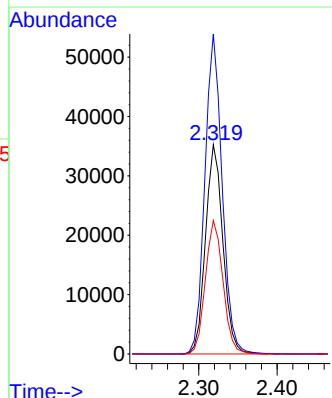
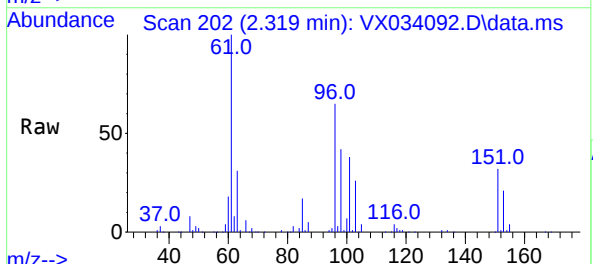
Tgt Ion: 96 Resp: 54391

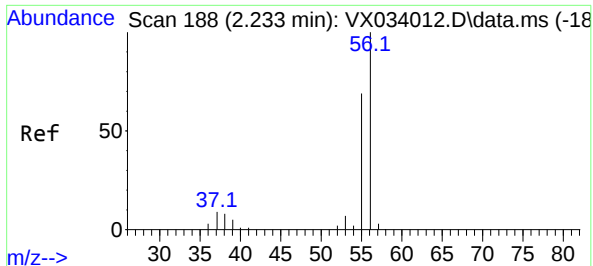
Ion Ratio Lower Upper

96 100

61 152.9 134.2 201.4

98 63.7 50.2 75.2

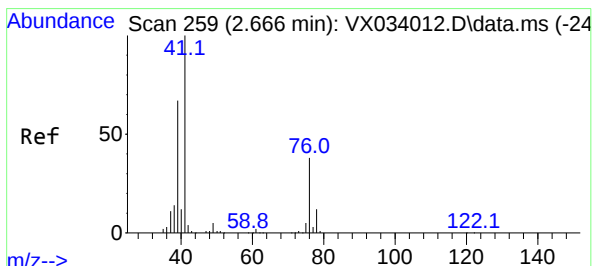
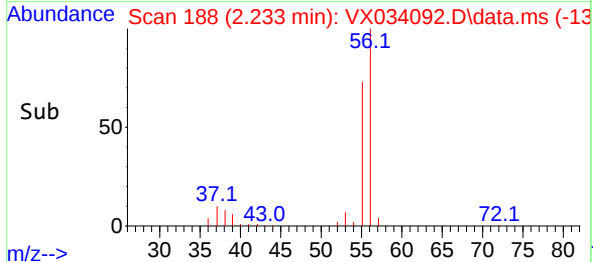
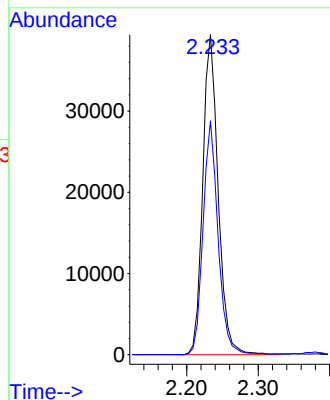
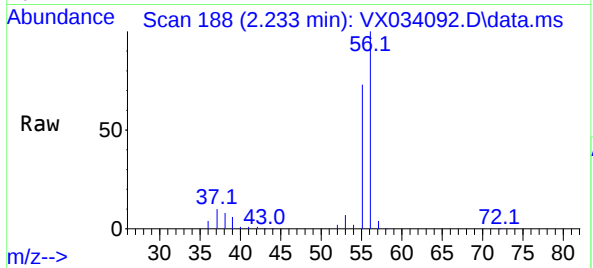




#13  
Acrolein  
Concen: 208.778 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

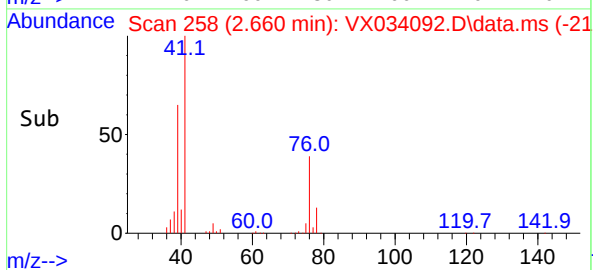
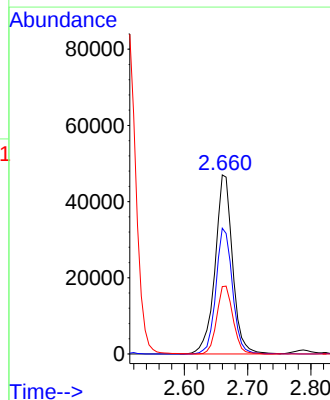
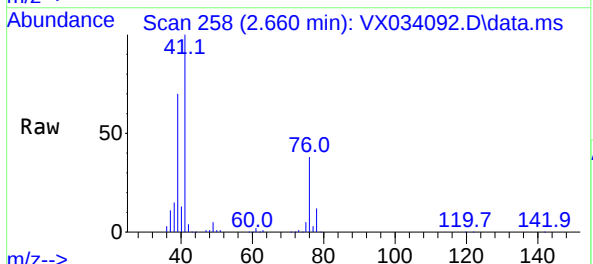
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

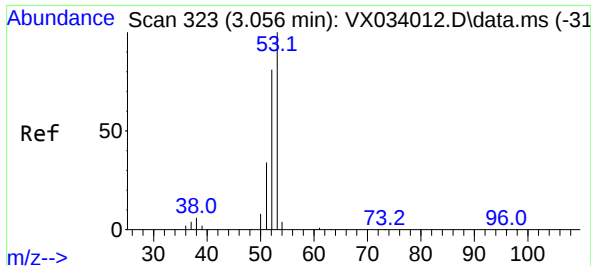
Tgt Ion: 56 Resp: 58960  
Ion Ratio Lower Upper  
56 100  
55 71.2 56.3 84.5



#14  
Allyl chloride  
Concen: 43.308 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 41 Resp: 90128  
Ion Ratio Lower Upper  
41 100  
39 66.1 59.0 88.4  
76 35.0 24.6 37.0

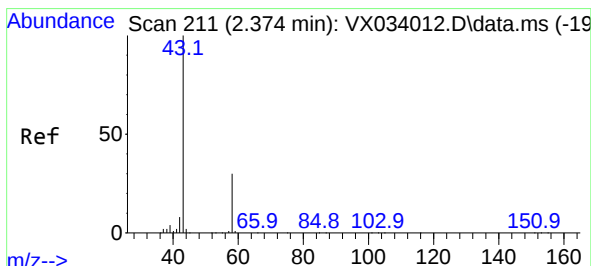
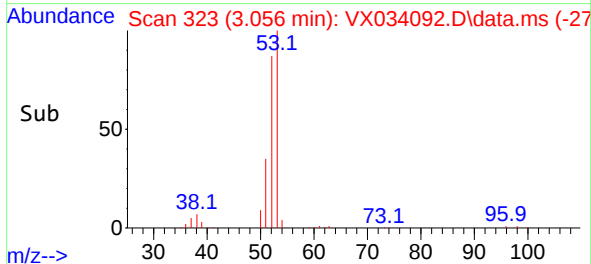
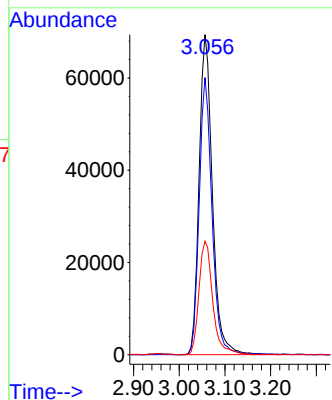
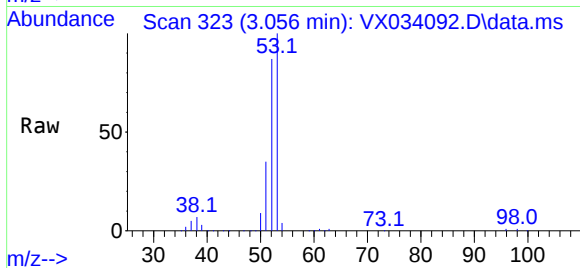




#15  
Acrylonitrile  
Concen: 207.488 ug/l  
RT: 3.056 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

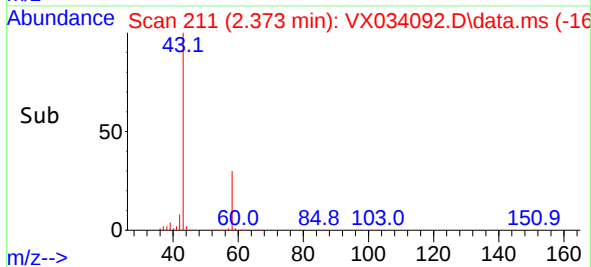
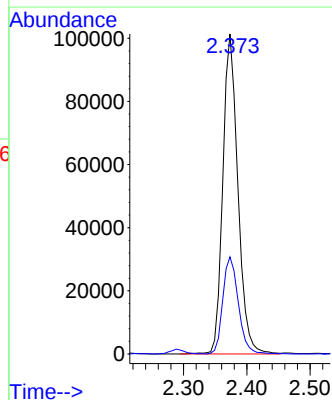
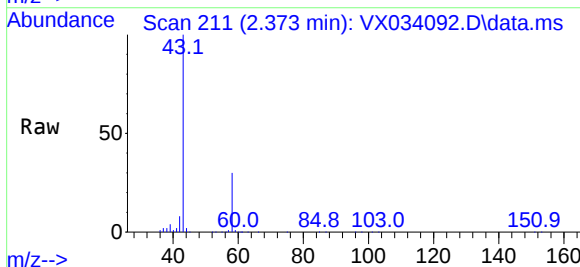
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

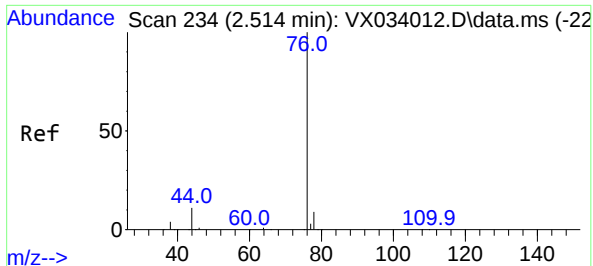
Tgt Ion: 53 Resp: 140138  
Ion Ratio Lower Upper  
53 100  
52 83.5 65.7 98.5  
51 36.8 29.0 43.4



#16  
Acetone  
Concen: 262.941 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 43 Resp: 166900  
Ion Ratio Lower Upper  
43 100  
58 30.3 22.6 33.8

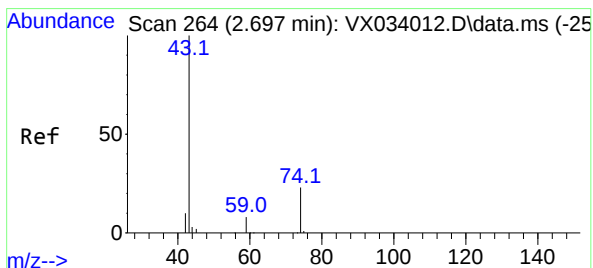
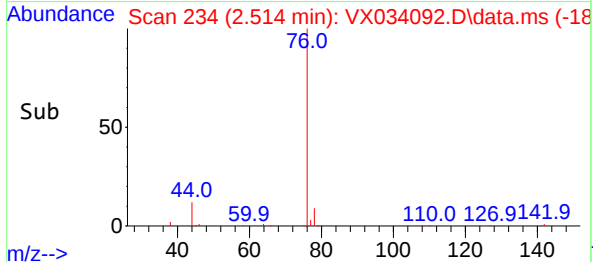
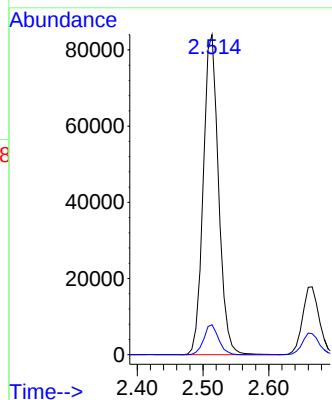
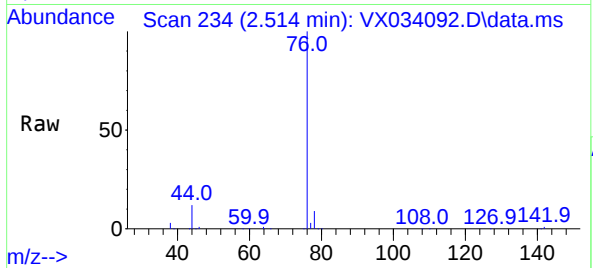




#17  
Carbon Disulfide  
Concen: 41.867 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

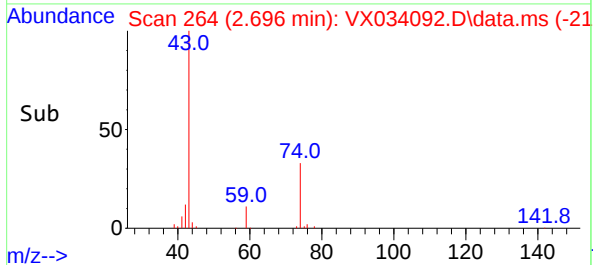
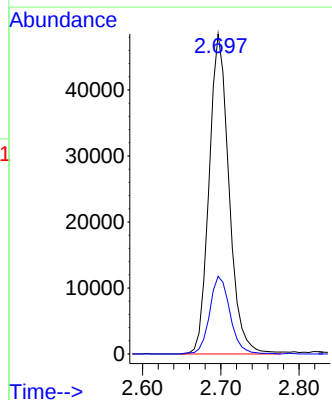
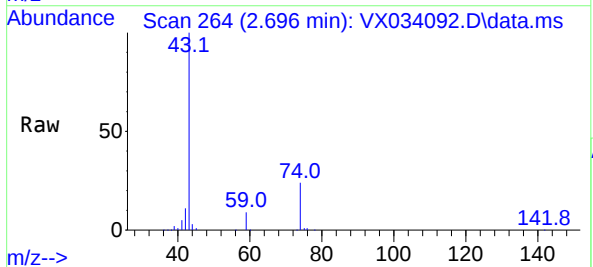
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

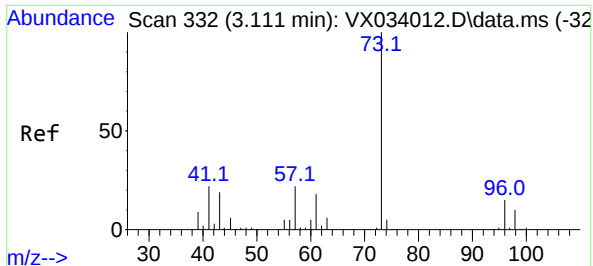
Tgt Ion: 76 Resp: 135581  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.0 10.6



#18  
Methyl Acetate  
Concen: 43.328 ug/l  
RT: 2.696 min Scan# 264  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 43 Resp: 85550  
Ion Ratio Lower Upper  
43 100  
74 24.8 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 45.702 ug/l

RT: 3.105 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA\_X

ClientSampleId :

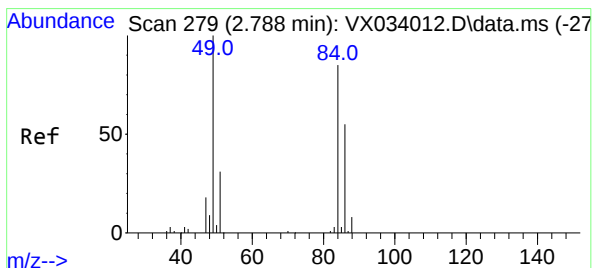
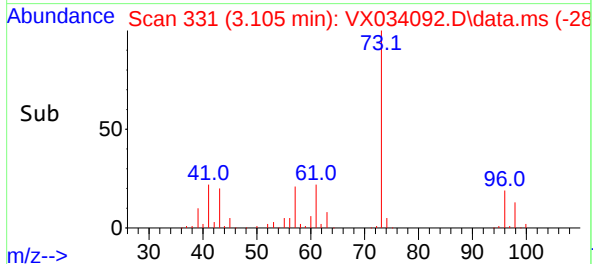
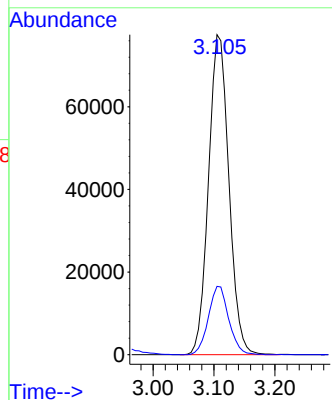
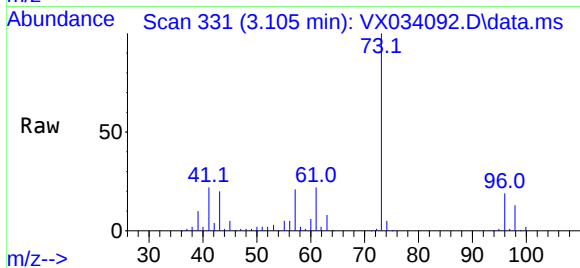
VSTDCCC050

Tgt Ion: 73 Resp: 179882

Ion Ratio Lower Upper

73 100

57 21.4 17.4 26.0



#20

Methylene Chloride

Concen: 42.198 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Tgt Ion: 84 Resp: 61278

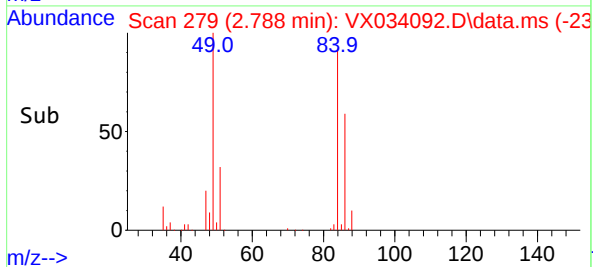
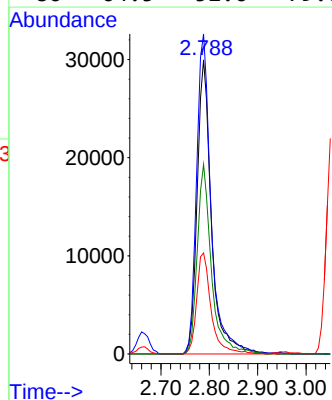
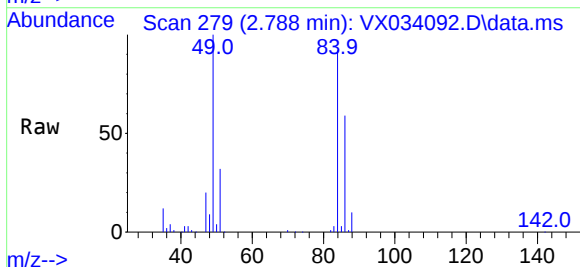
Ion Ratio Lower Upper

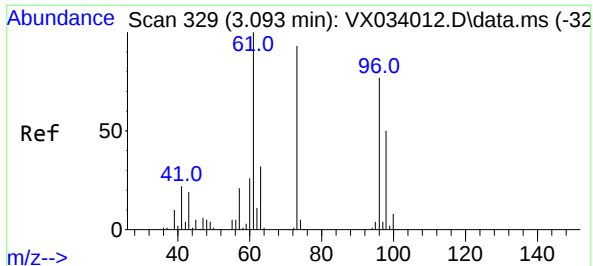
84 100

49 108.8 101.1 151.7

51 34.3 31.0 46.6

86 64.5 52.6 79.0

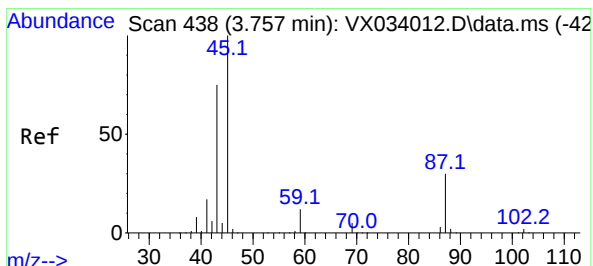
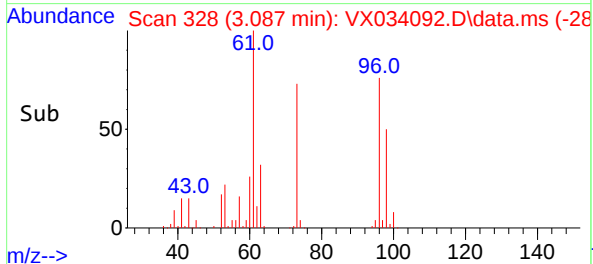
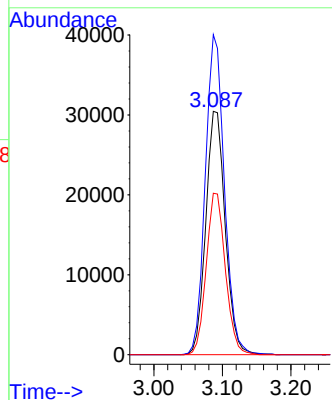
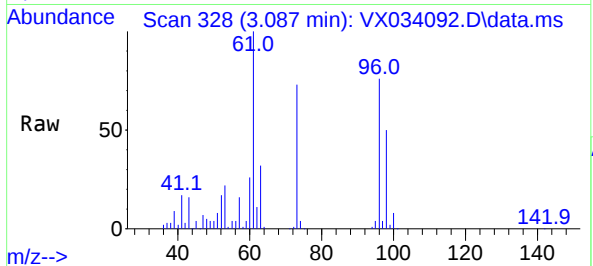




#21  
trans-1,2-Dichloroethene  
Concen: 43.346 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

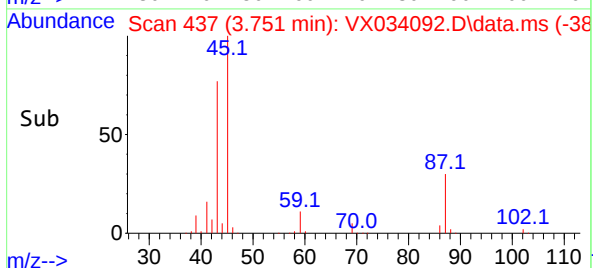
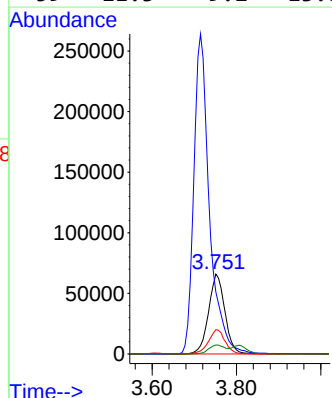
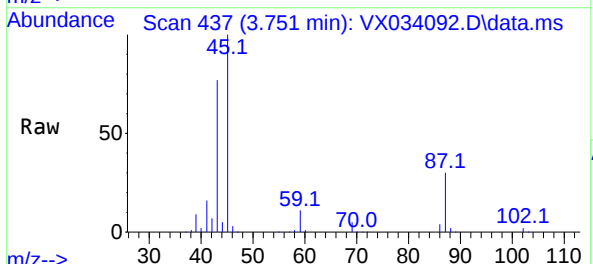
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

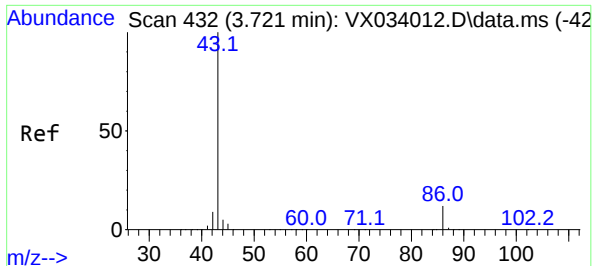
Tgt Ion: 96 Resp: 60260  
Ion Ratio Lower Upper  
96 100  
61 131.5 106.7 160.1  
98 66.4 50.0 75.0



#22  
Diisopropyl ether  
Concen: 43.215 ug/l  
RT: 3.751 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 45 Resp: 177477  
Ion Ratio Lower Upper  
45 100  
43 77.1 64.6 97.0  
87 30.4 21.9 32.9  
59 11.3 9.2 13.8

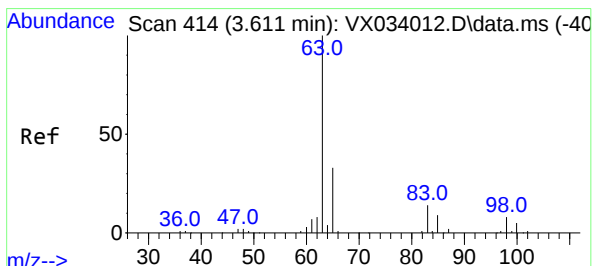
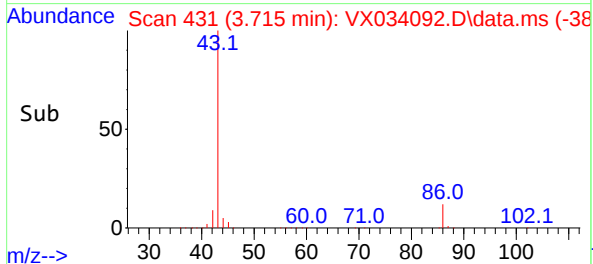
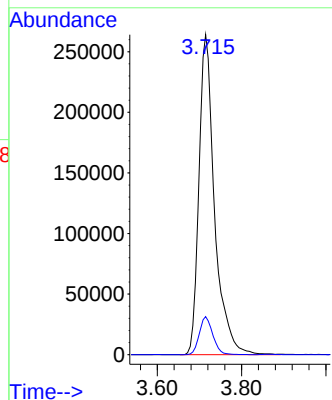
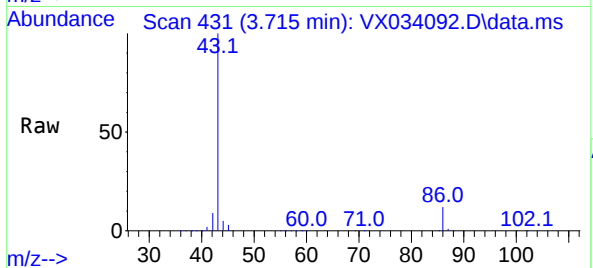




#23  
 Vinyl Acetate  
 Concen: 217.606 ug/l  
 RT: 3.715 min Scan# 41  
 Delta R.T. -0.006 min  
 Lab File: VX034092.D  
 Acq: 09 Feb 2023 09:36

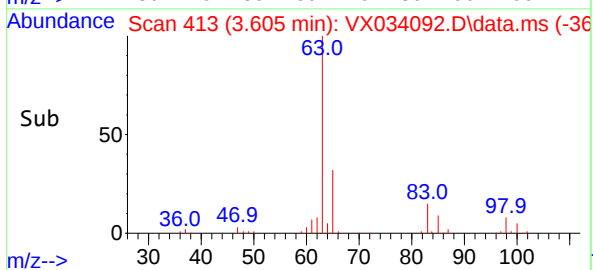
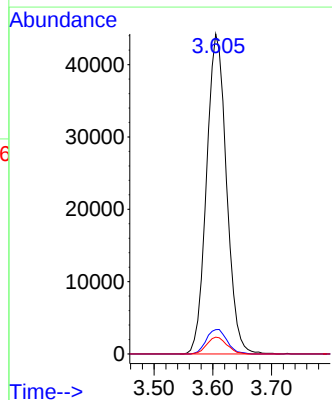
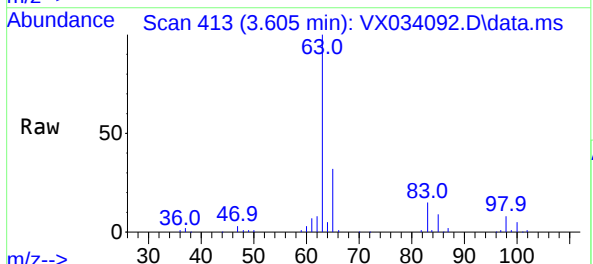
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

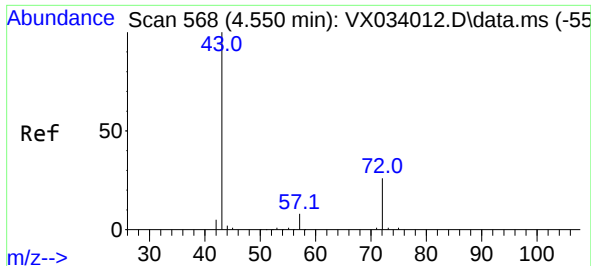
Tgt Ion: 43 Resp: 680520  
 Ion Ratio Lower Upper  
 43 100  
 86 11.9 8.4 12.6



#24  
 1,1-Dichloroethane  
 Concen: 44.078 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX034092.D  
 Acq: 09 Feb 2023 09:36

Tgt Ion: 63 Resp: 104341  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.8 11.2  
 100 5.2 2.4 7.2

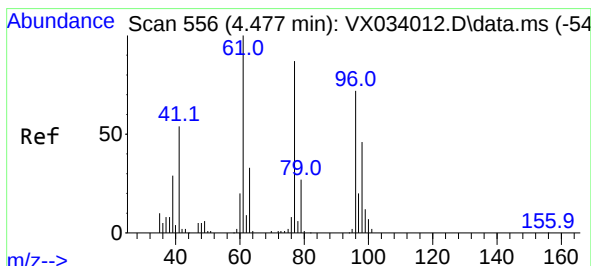
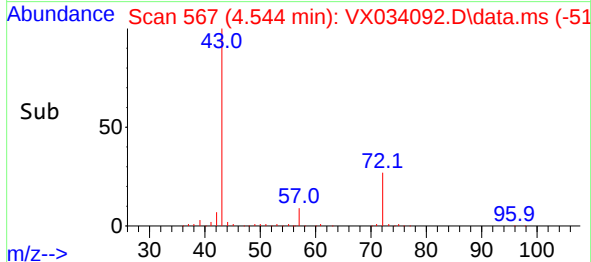
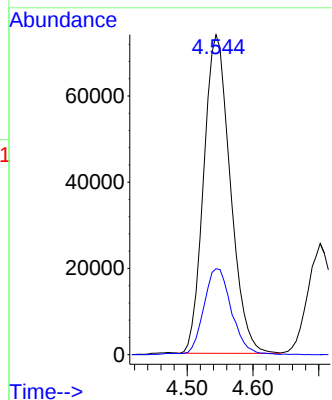
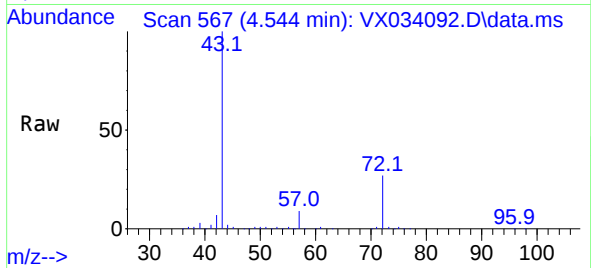




#25  
2-Butanone  
Concen: 224.823 ug/l  
RT: 4.544 min Scan# 50  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

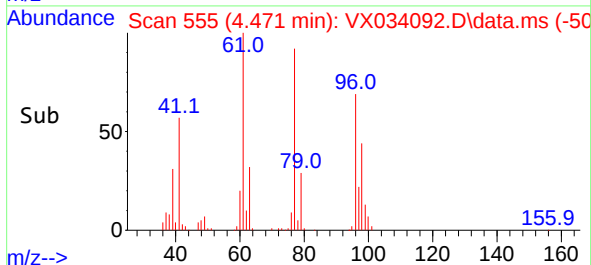
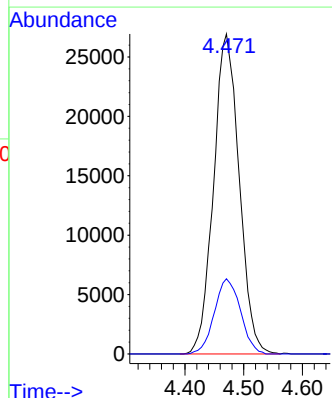
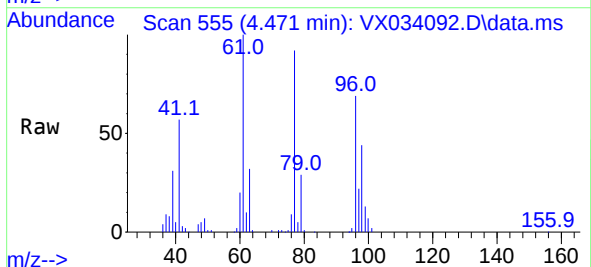
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

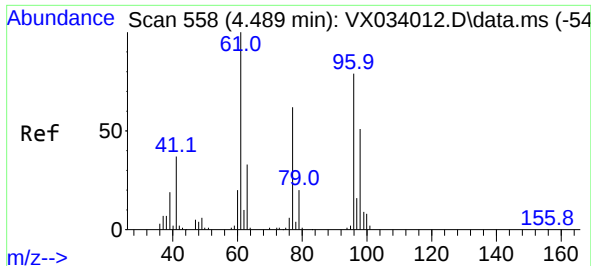
Tgt Ion: 43 Resp: 207796  
Ion Ratio Lower Upper  
43 100  
72 26.9 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 47.191 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 77 Resp: 81488  
Ion Ratio Lower Upper  
77 100  
97 23.9 11.9 35.5

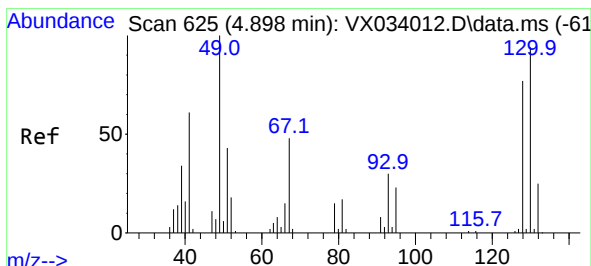
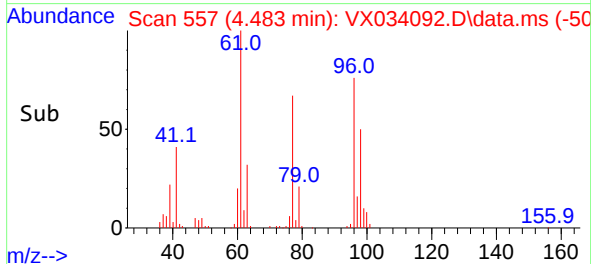
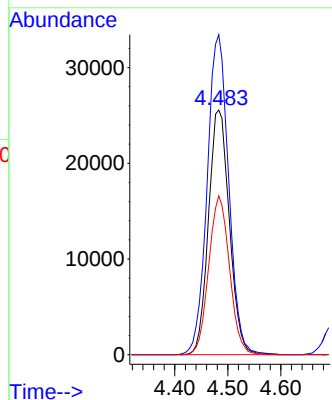
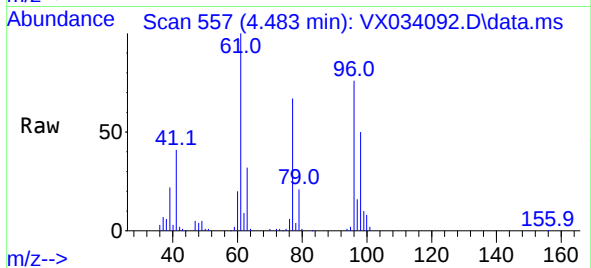




#27  
cis-1,2-Dichloroethene  
Concen: 43.779 ug/l  
RT: 4.483 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

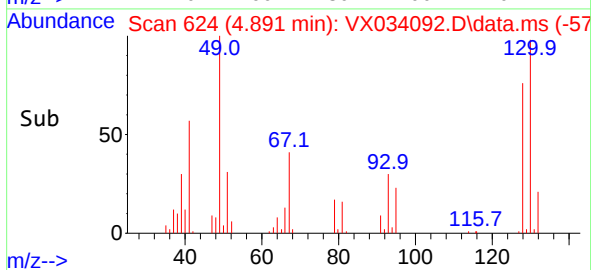
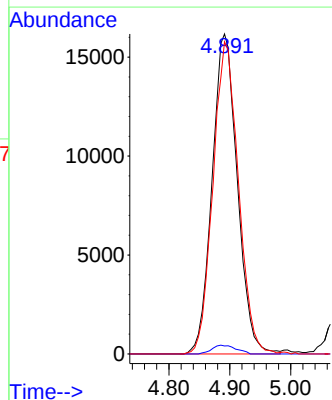
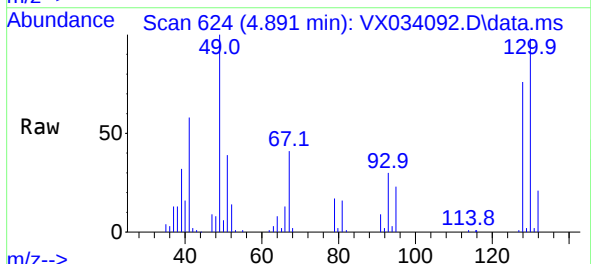
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

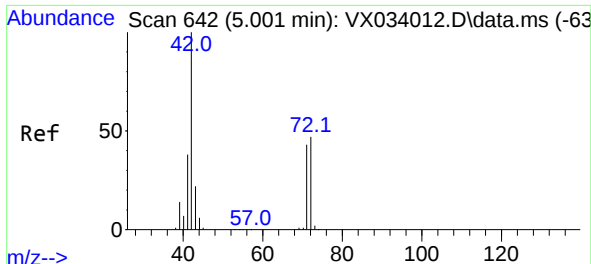
Tgt Ion: 96 Resp: 70007  
Ion Ratio Lower Upper  
96 100  
61 134.5 0.0 277.6  
98 64.6 0.0 128.0



#28  
Bromochloromethane  
Concen: 44.667 ug/l  
RT: 4.891 min Scan# 624  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 49 Resp: 46487  
Ion Ratio Lower Upper  
49 100  
129 2.6 0.0 4.6  
130 98.4 68.5 102.7

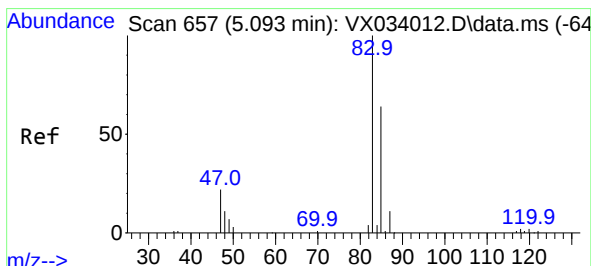
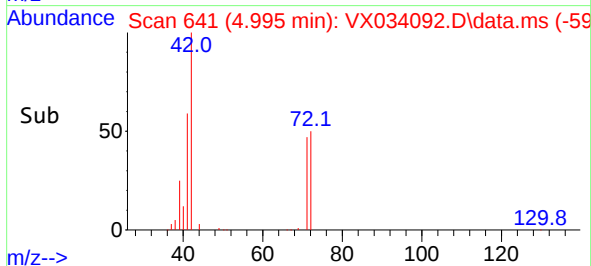
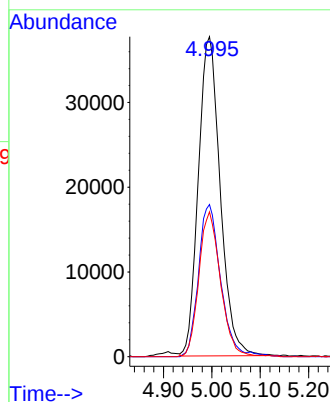
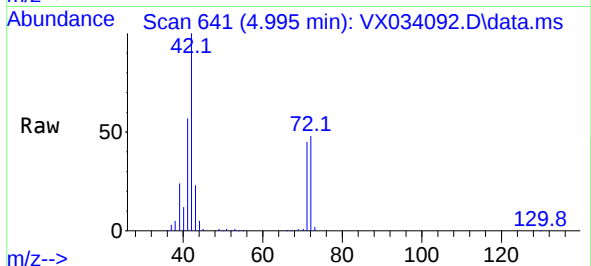




#29  
Tetrahydrofuran  
Concen: 201.544 ug/l  
RT: 4.995 min Scan# 641  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

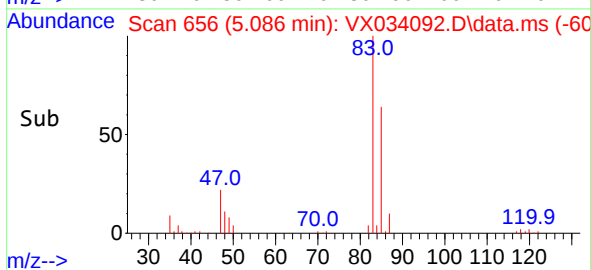
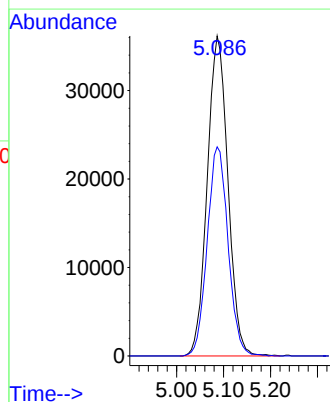
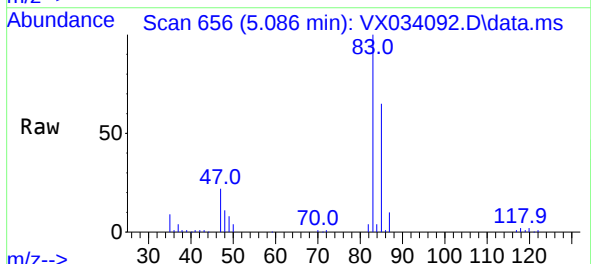
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

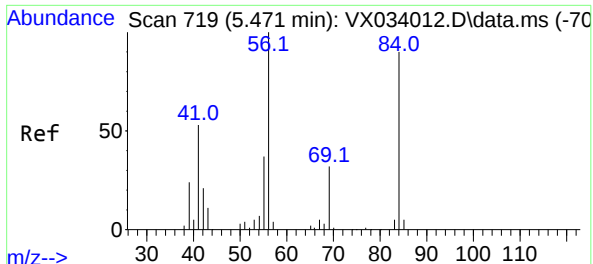
Tgt Ion: 42 Resp: 118476  
Ion Ratio Lower Upper  
42 100  
72 48.3 34.8 52.2  
71 44.6 32.2 48.2



#30  
Chloroform  
Concen: 44.808 ug/l  
RT: 5.086 min Scan# 656  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 83 Resp: 110544  
Ion Ratio Lower Upper  
83 100  
85 65.4 52.1 78.1

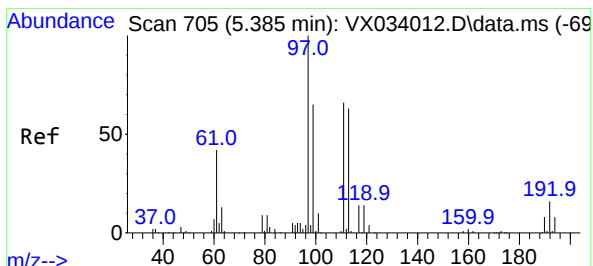
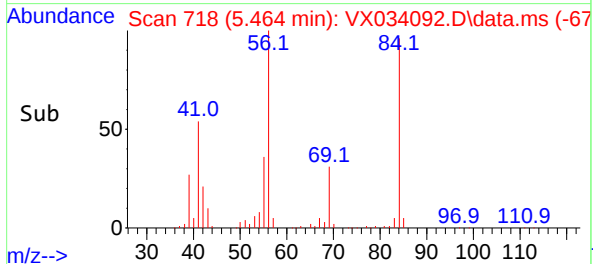
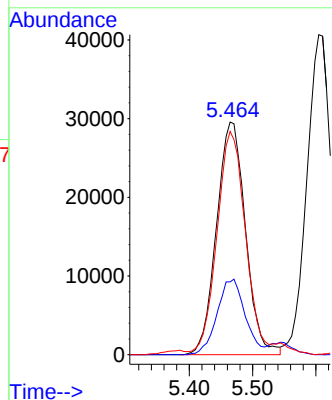
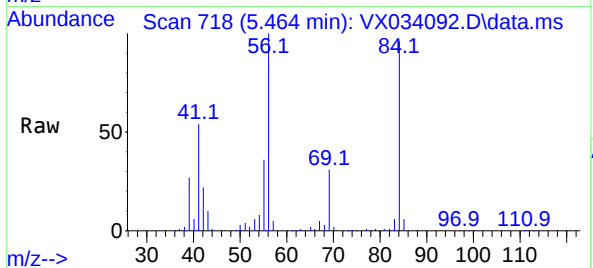




#31  
Cyclohexane  
Concen: 42.922 ug/l  
RT: 5.464 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

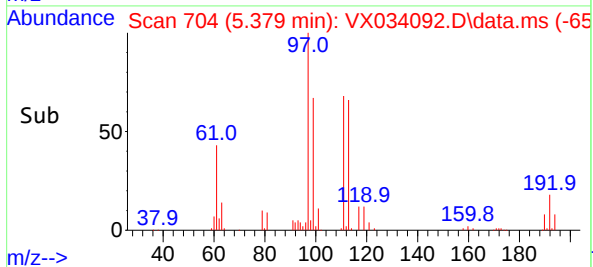
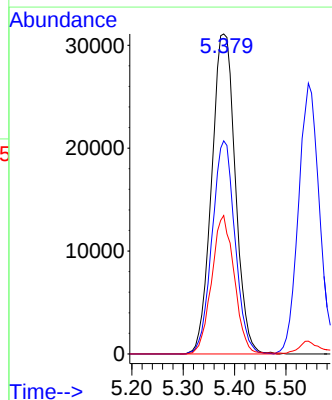
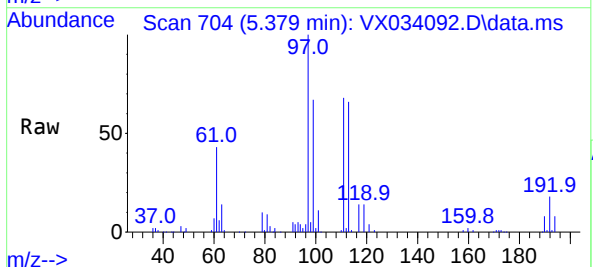
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

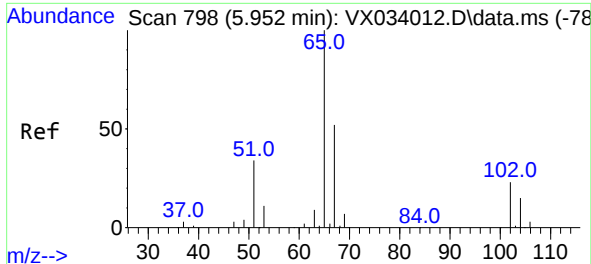
Tgt Ion: 56 Resp: 93939  
Ion Ratio Lower Upper  
56 100  
69 31.3 24.6 37.0  
84 94.0 71.0 106.6



#32  
1,1,1-Trichloroethane  
Concen: 46.803 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 97 Resp: 99441  
Ion Ratio Lower Upper  
97 100  
99 64.4 52.3 78.5  
61 41.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.233 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA\_X

ClientSampleId :

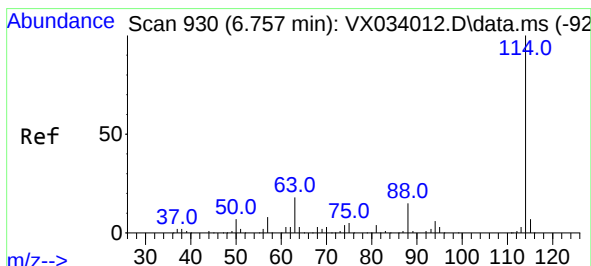
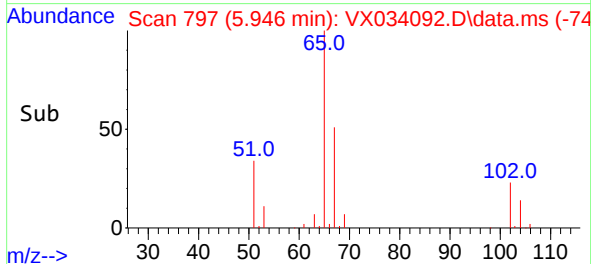
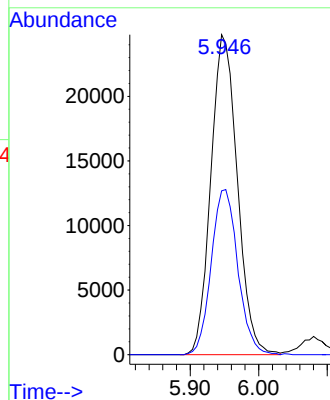
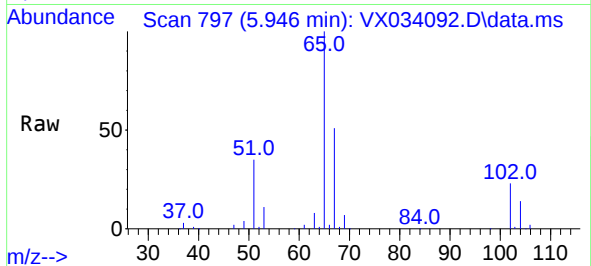
VSTDCCC050

Tgt Ion: 65 Resp: 66476

Ion Ratio Lower Upper

65 100

67 51.8 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: VX034092.D

Acq: 09 Feb 2023 09:36

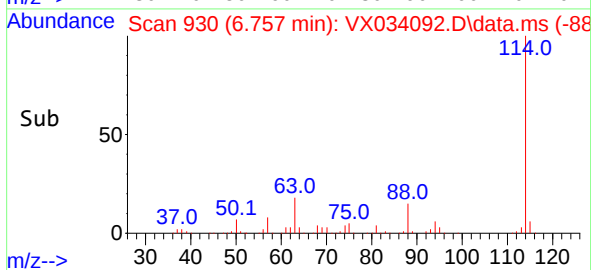
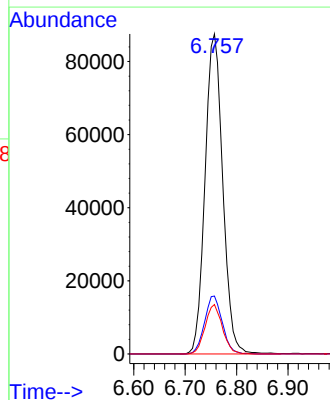
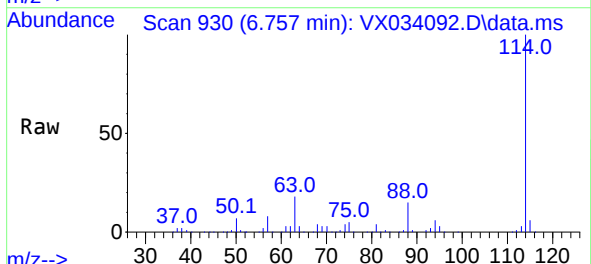
Tgt Ion: 114 Resp: 209398

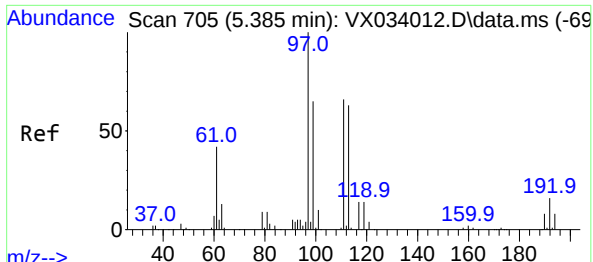
Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 44.958 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

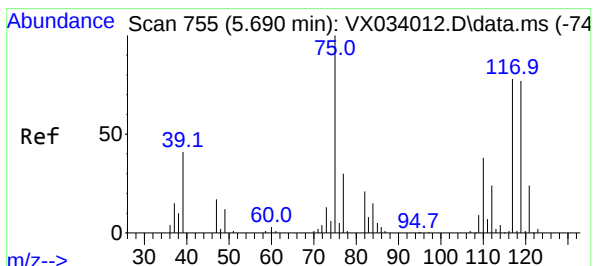
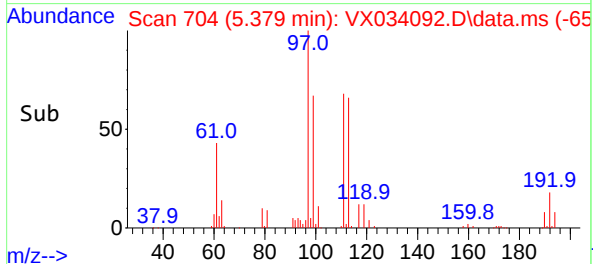
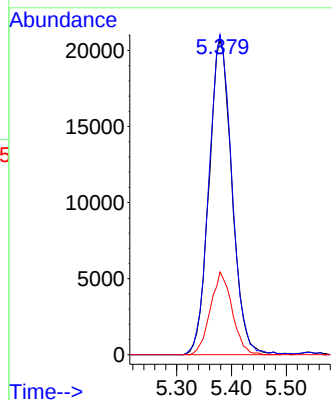
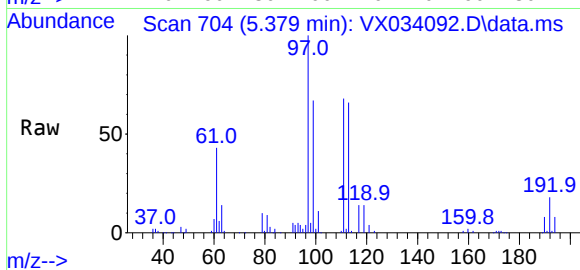
Tgt Ion:113 Resp: 59915

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.6

192 25.0 19.0 28.4



#36

1,1-Dichloropropene

Concen: 45.282 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

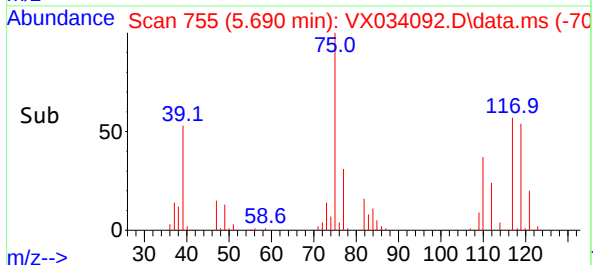
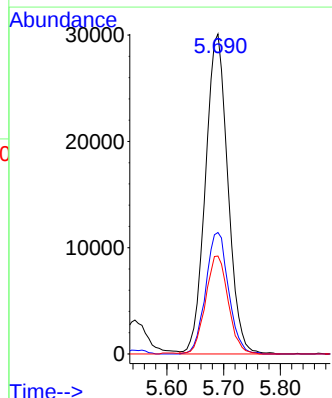
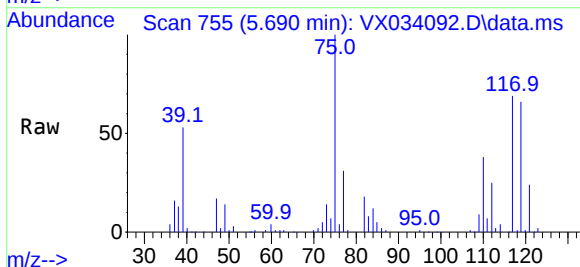
Tgt Ion: 75 Resp: 82738

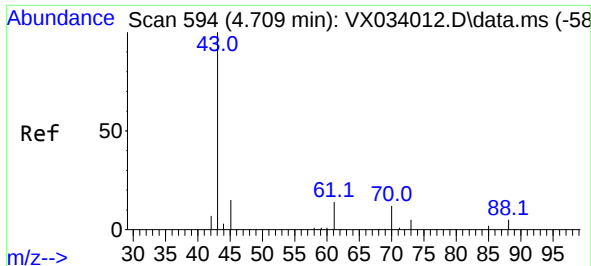
Ion Ratio Lower Upper

75 100

110 38.6 18.8 56.4

77 30.9 25.1 37.7





#37

Ethyl Acetate

Concen: 42.961 ug/l

RT: 4.702 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

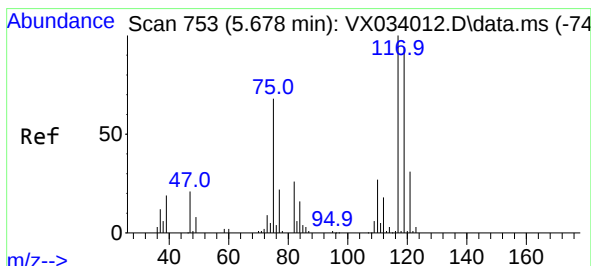
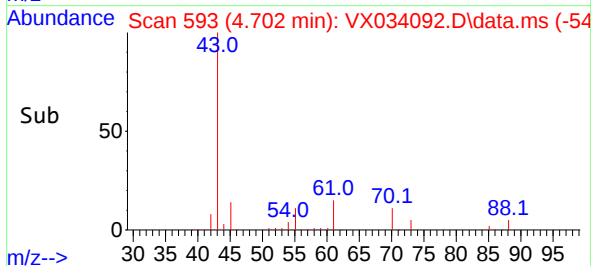
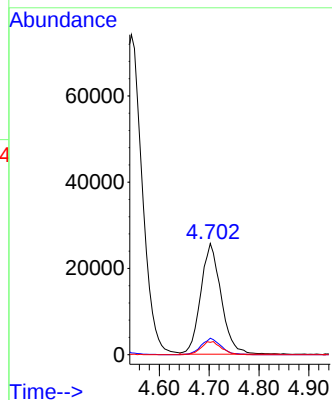
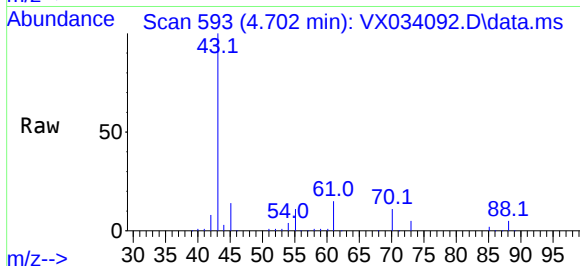
Tgt Ion: 43 Resp: 73125

Ion Ratio Lower Upper

43 100

61 14.3 11.1 16.7

70 11.7 8.5 12.7



#38

Carbon Tetrachloride

Concen: 47.767 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

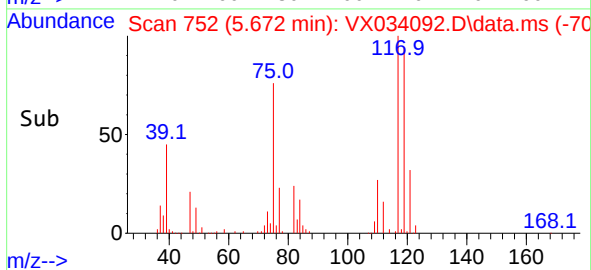
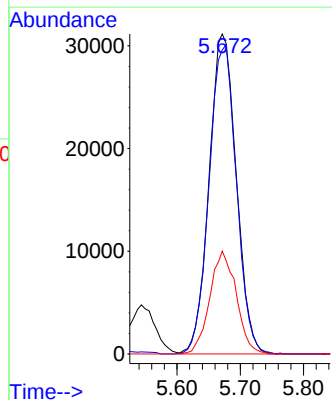
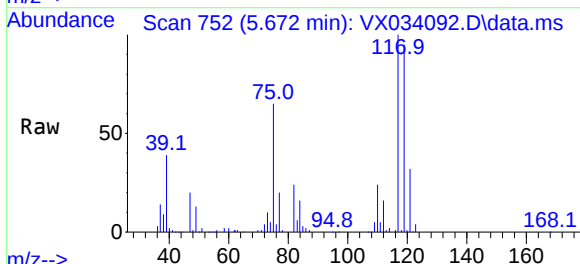
Tgt Ion: 117 Resp: 93087

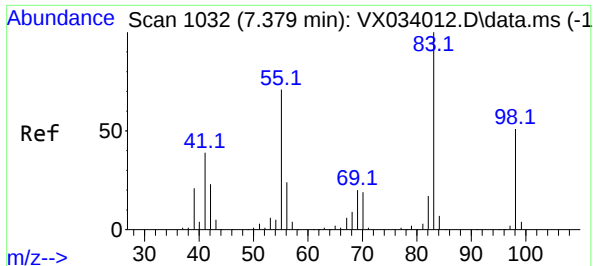
Ion Ratio Lower Upper

117 100

119 94.8 78.0 117.0

121 32.1 24.4 36.6





#39

Methylcyclohexane

Concen: 45.673 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

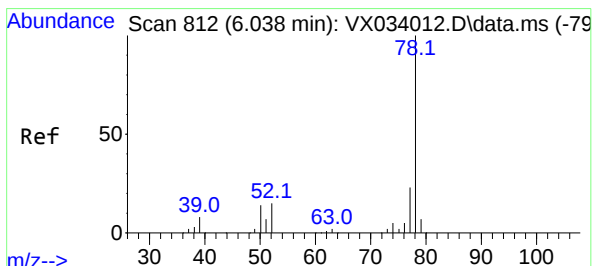
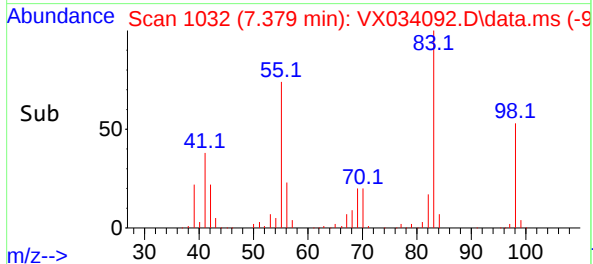
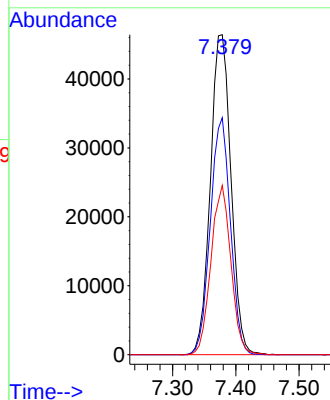
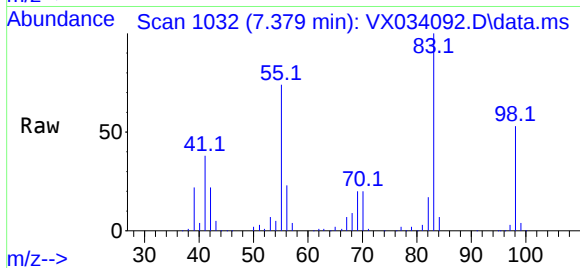
Tgt Ion: 83 Resp: 105048

Ion Ratio Lower Upper

83 100

55 74.0 61.8 92.6

98 52.9 39.3 58.9



#40

Benzene

Concen: 44.617 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX034092.D

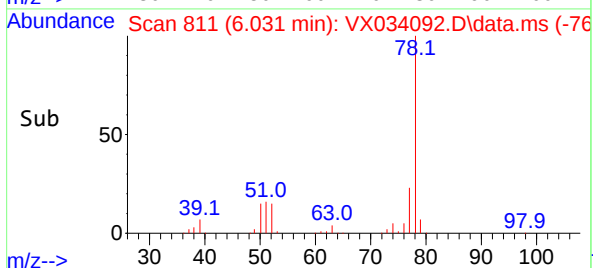
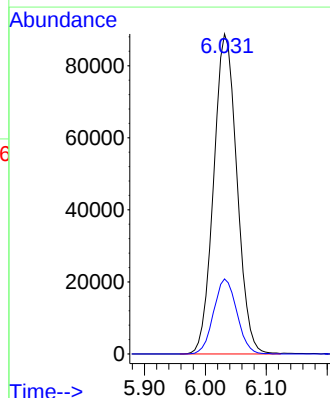
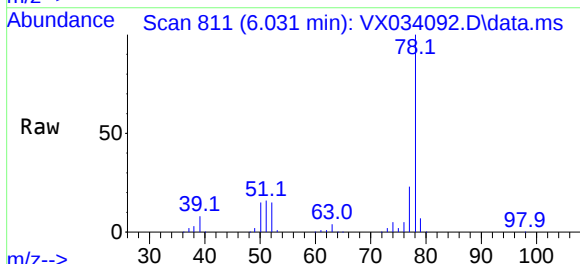
Acq: 09 Feb 2023 09:36

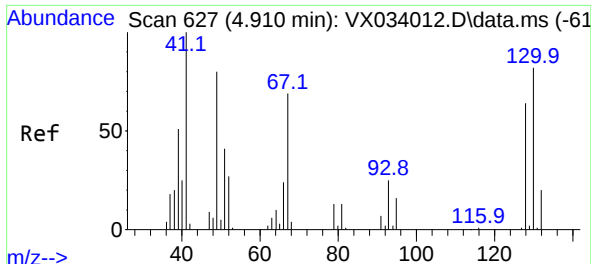
Tgt Ion: 78 Resp: 235879

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4



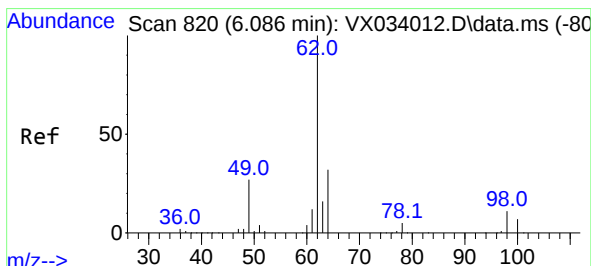
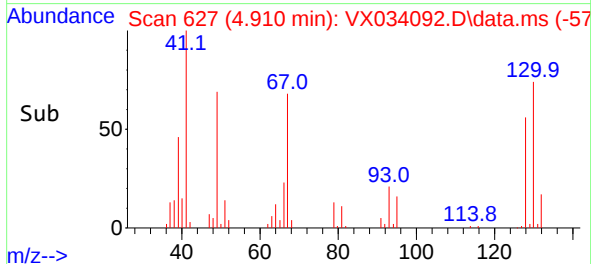
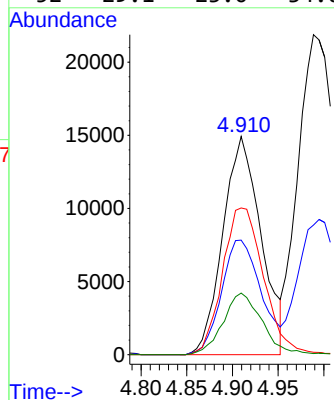
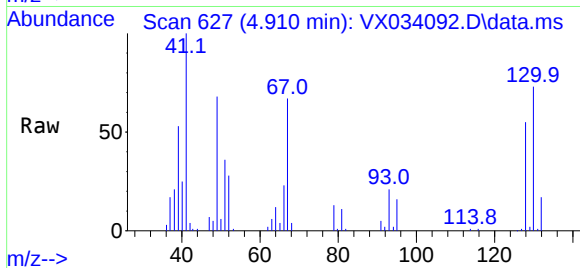


#41  
Methacrylonitrile  
Concen: 45.251 ug/l  
RT: 4.910 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 43346

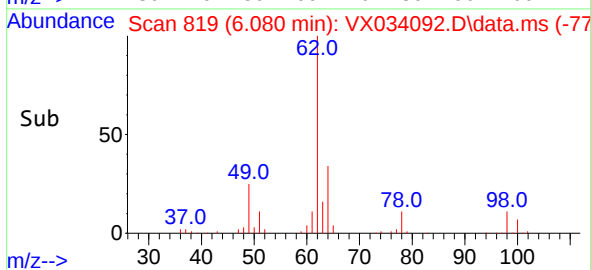
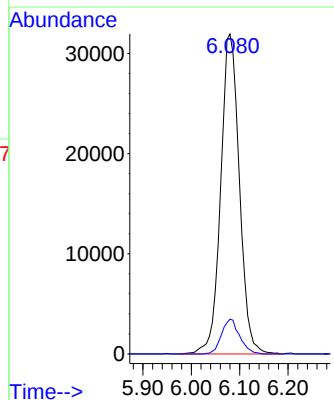
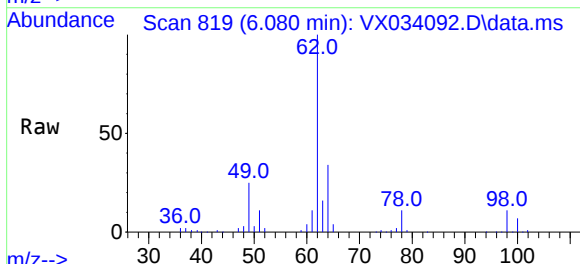
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 54.8  | 43.8  | 65.6  |
| 67  | 72.6  | 54.8  | 82.2  |
| 52  | 29.1  | 23.0  | 34.6  |

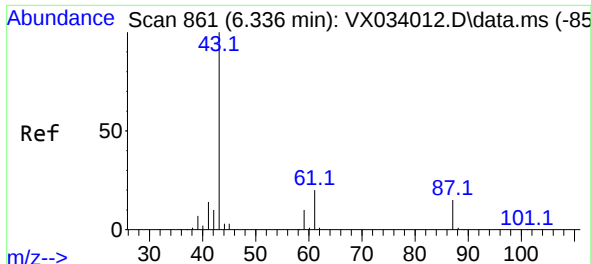


#42  
1,2-Dichloroethane  
Concen: 47.794 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 62 Resp: 85861

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.5  | 0.0   | 20.2  |

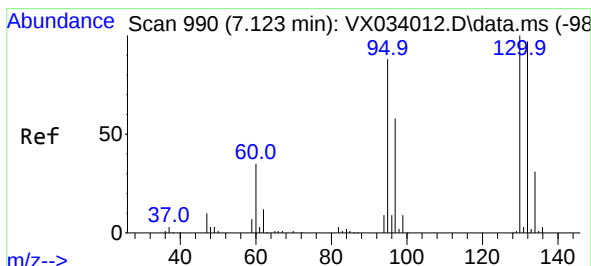
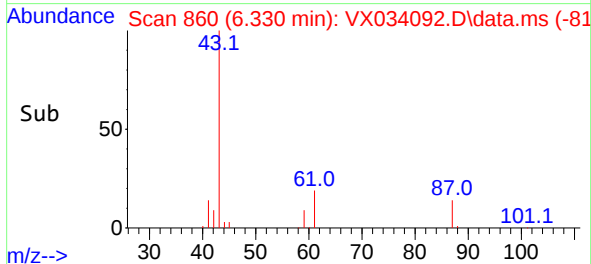
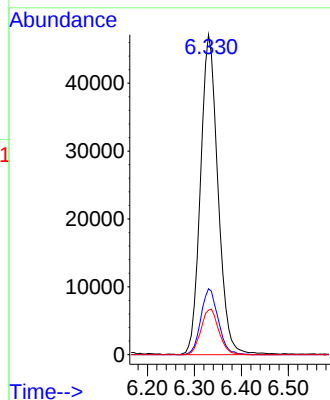
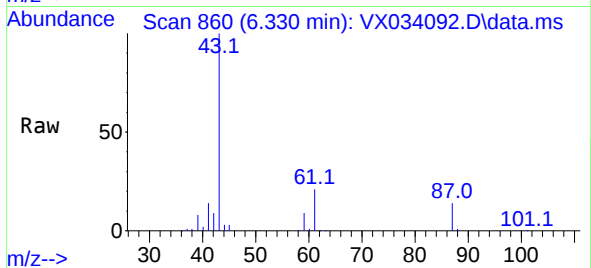




#43  
Isopropyl Acetate  
Concen: 45.823 ug/l  
RT: 6.330 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

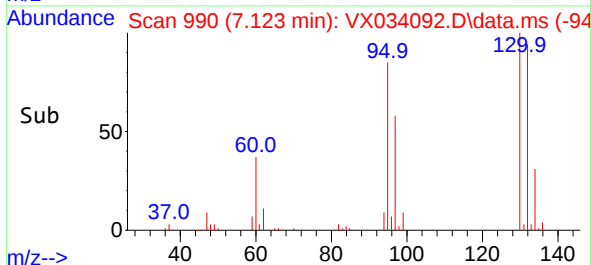
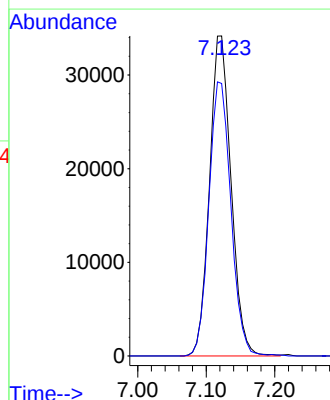
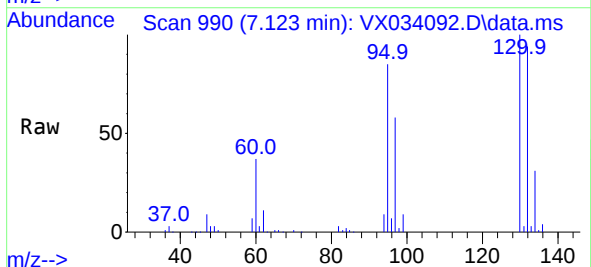
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

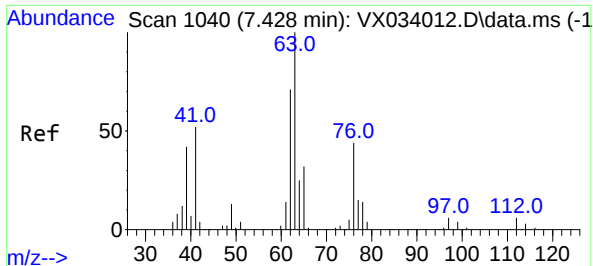
Tgt Ion: 43 Resp: 121638  
Ion Ratio Lower Upper  
43 100  
61 20.4 15.7 23.5  
87 14.5 10.6 15.8



#44  
Trichloroethene  
Concen: 46.011 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 130 Resp: 74761  
Ion Ratio Lower Upper  
130 100  
95 85.2 0.0 182.6





#45

1,2-Dichloropropane

Concen: 45.211 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA\_X

ClientSampleId :

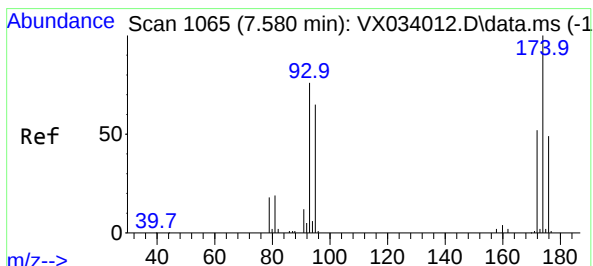
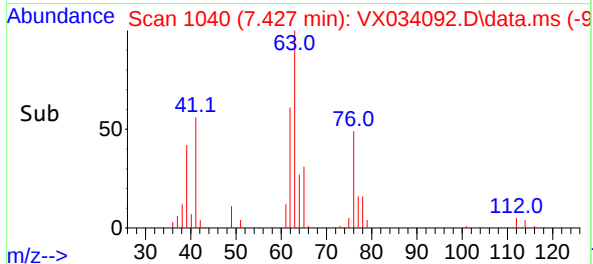
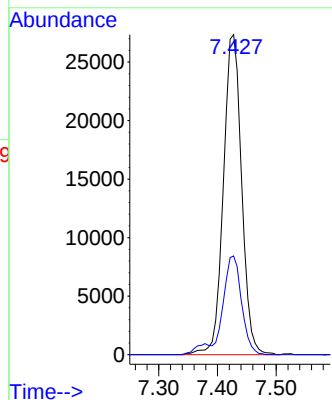
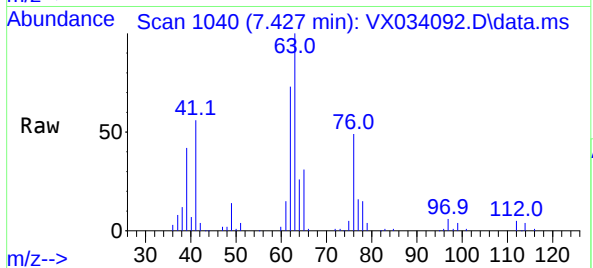
VSTDCCC050

Tgt Ion: 63 Resp: 59014

Ion Ratio Lower Upper

63 100

65 30.9 24.2 36.2



#46

Dibromomethane

Concen: 46.409 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

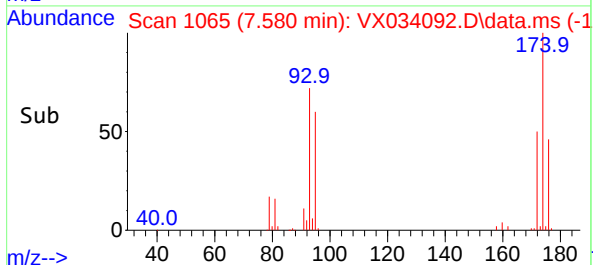
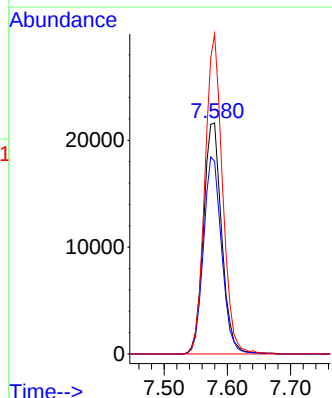
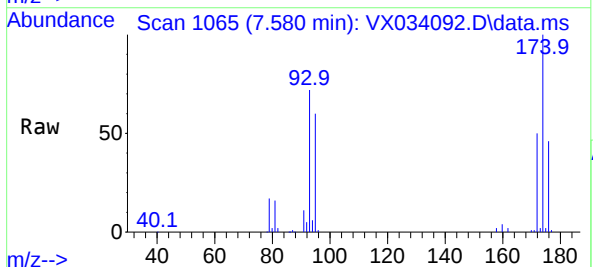
Tgt Ion: 93 Resp: 43400

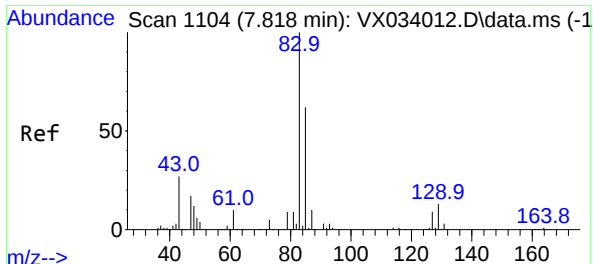
Ion Ratio Lower Upper

93 100

95 85.0 67.6 101.4

174 133.5 97.4 146.0

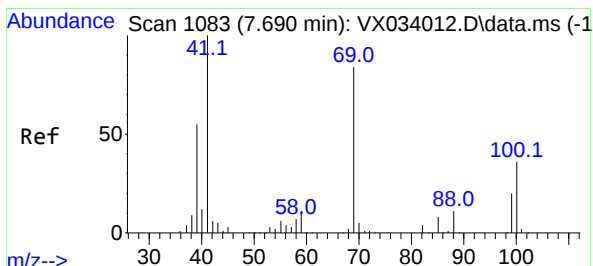
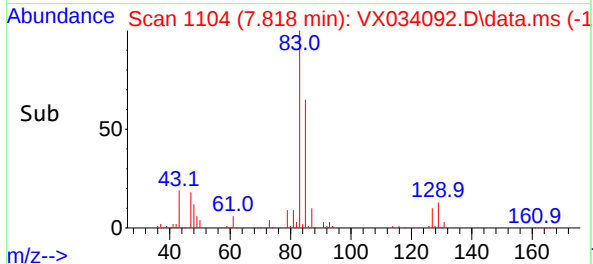
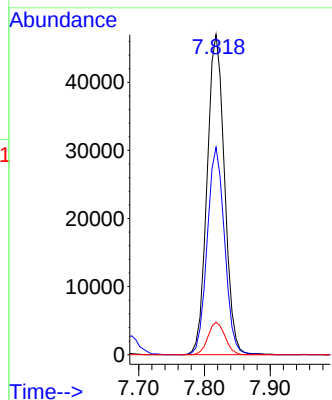
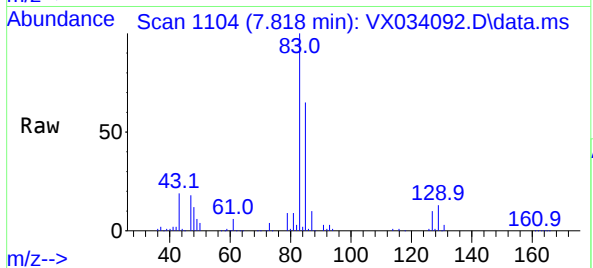




#47  
Bromodichloromethane  
Concen: 48.840 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

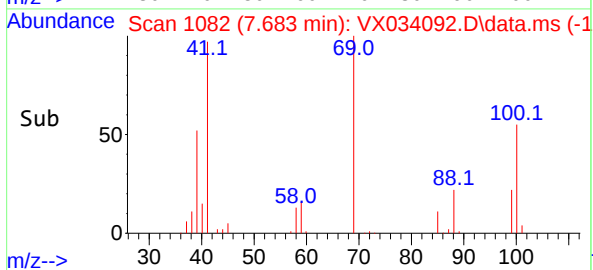
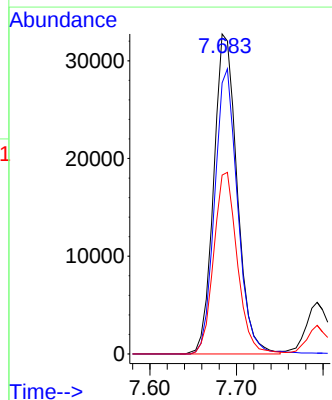
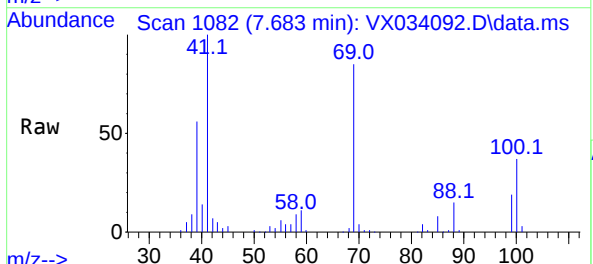
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

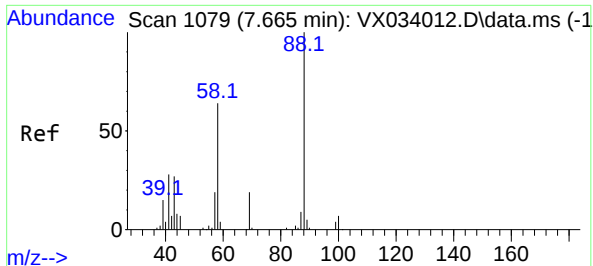
Tgt Ion: 83 Resp: 86545  
Ion Ratio Lower Upper  
83 100  
85 64.8 49.8 74.6  
127 10.2 7.0 10.4



#48  
Methyl methacrylate  
Concen: 44.957 ug/l  
RT: 7.683 min Scan# 1082  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 41 Resp: 61617  
Ion Ratio Lower Upper  
41 100  
69 87.4 63.1 94.7  
39 57.0 43.2 64.8

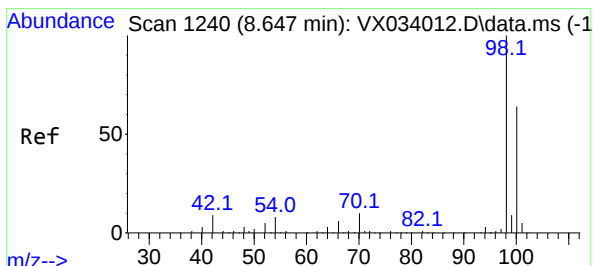
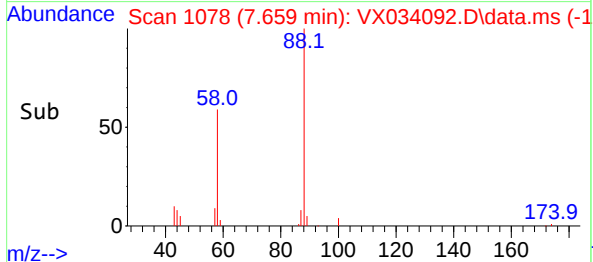
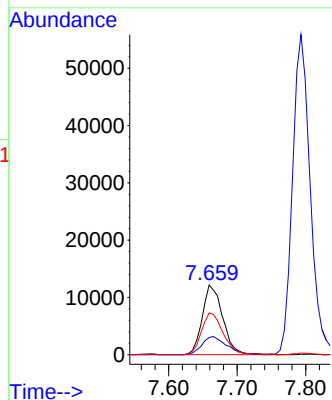
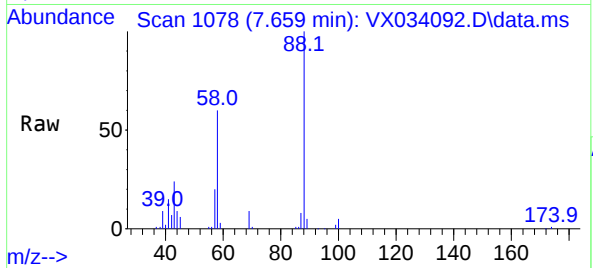




#49  
1,4-Dioxane  
Concen: 954.450 ug/l  
RT: 7.659 min Scan# 1079  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

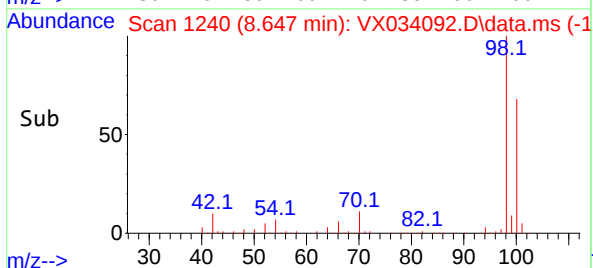
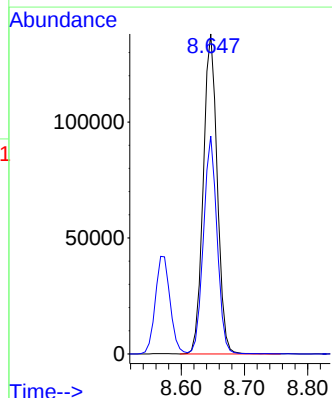
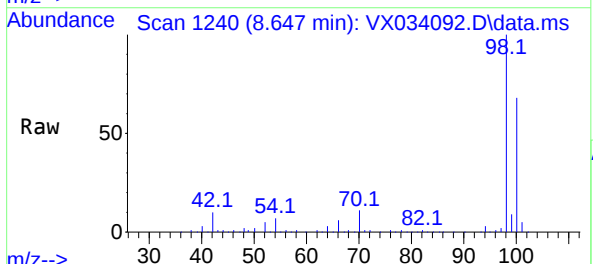
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

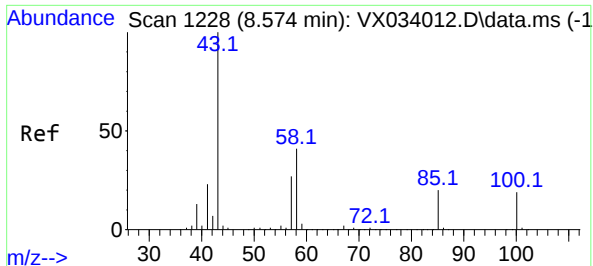
Tgt Ion: 88 Resp: 25180  
Ion Ratio Lower Upper  
88 100  
43 31.3 0.0 0.0#  
58 63.4 56.5 84.7



#50  
Toluene-d8  
Concen: 44.254 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 98 Resp: 212489  
Ion Ratio Lower Upper  
98 100  
100 66.2 53.6 80.4

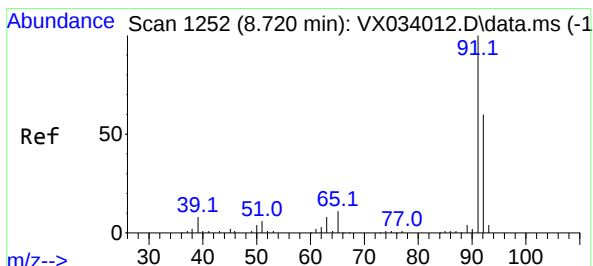
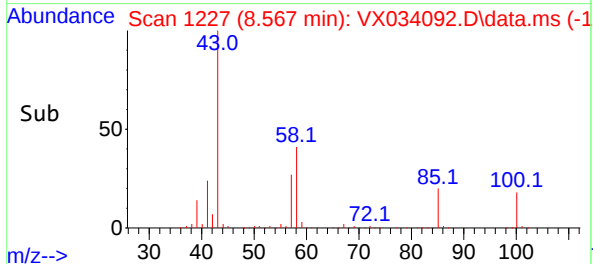
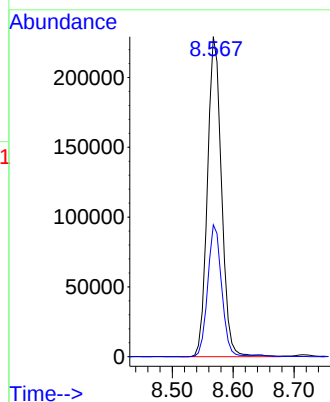
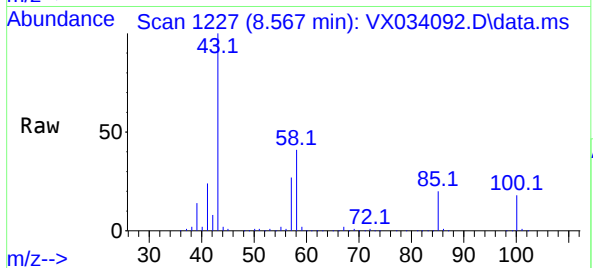




#51  
4-Methyl-2-Pentanone  
Concen: 221.779 ug/l  
RT: 8.567 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

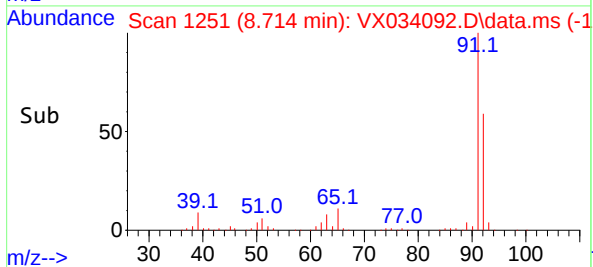
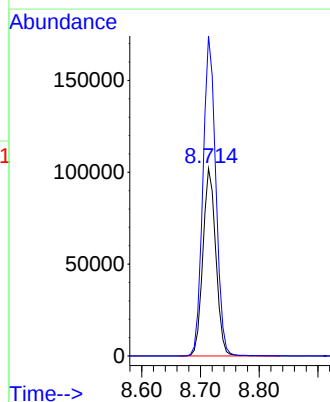
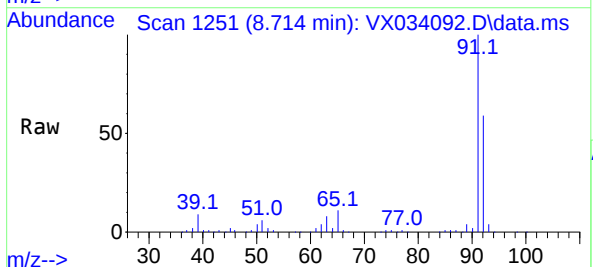
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

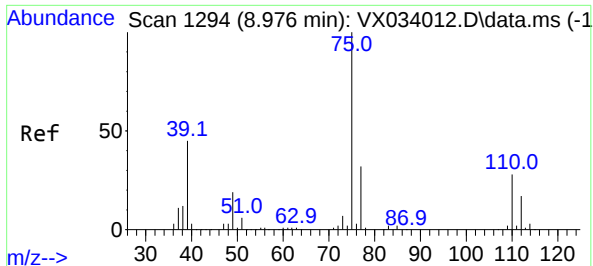
Tgt Ion: 43 Resp: 369276  
Ion Ratio Lower Upper  
43 100  
58 40.7 31.2 46.8



#52  
Toluene  
Concen: 45.374 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 92 Resp: 155459  
Ion Ratio Lower Upper  
92 100  
91 170.4 135.5 203.3

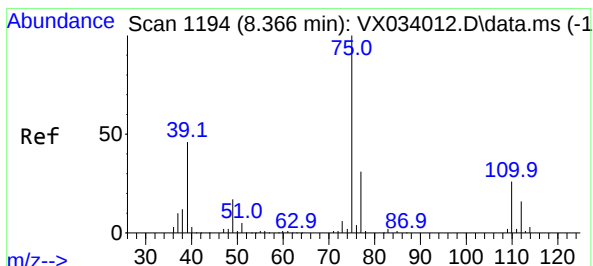
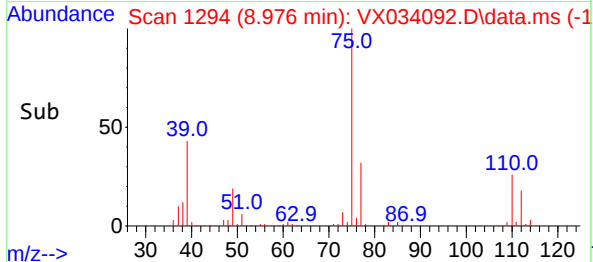
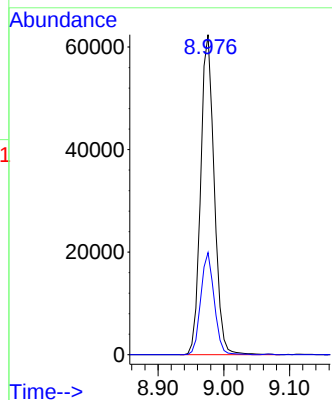
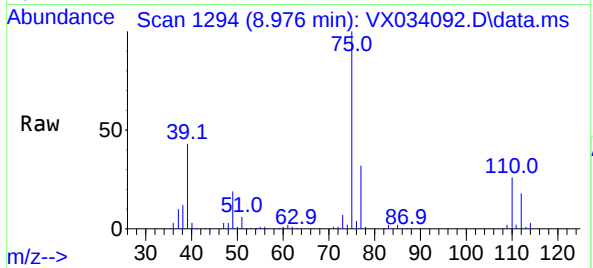




#53  
 t-1,3-Dichloropropene  
 Concen: 50.240 ug/l  
 RT: 8.976 min Scan# 1193  
 Delta R.T. -0.000 min  
 Lab File: VX034092.D  
 Acq: 09 Feb 2023 09:36

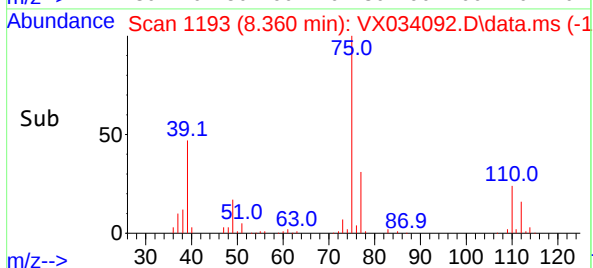
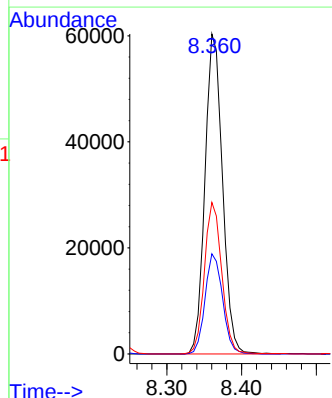
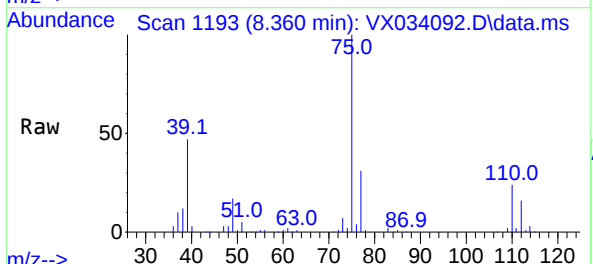
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

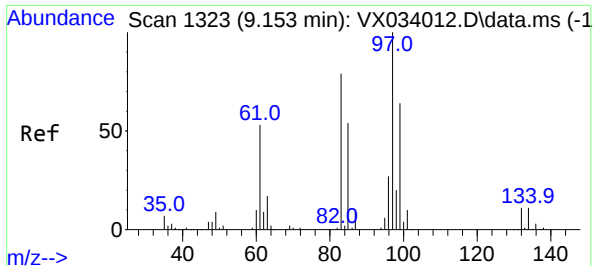
Tgt Ion: 75 Resp: 89494  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.5 38.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 48.526 ug/l  
 RT: 8.360 min Scan# 1193  
 Delta R.T. -0.006 min  
 Lab File: VX034092.D  
 Acq: 09 Feb 2023 09:36

Tgt Ion: 75 Resp: 98347  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 25.0 37.6  
 39 47.4 38.6 58.0



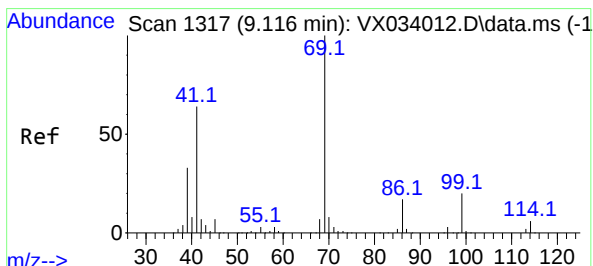
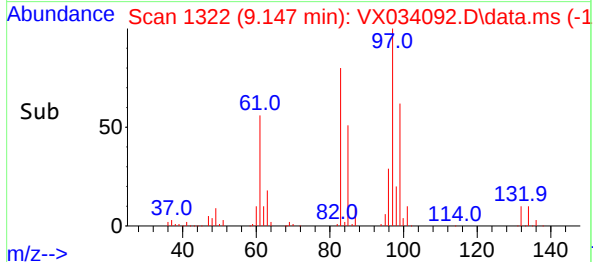
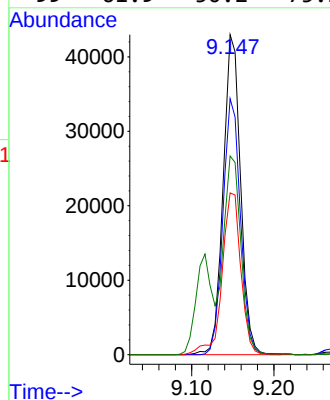
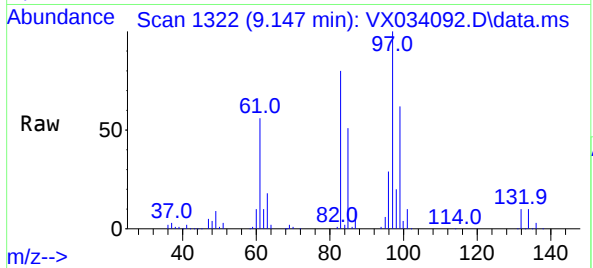


#55  
1,1,2-Trichloroethane  
Concen: 46.192 ug/l  
RT: 9.147 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 63214

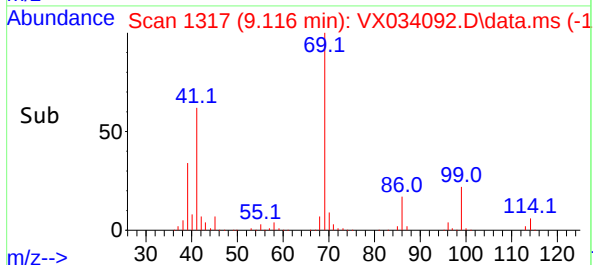
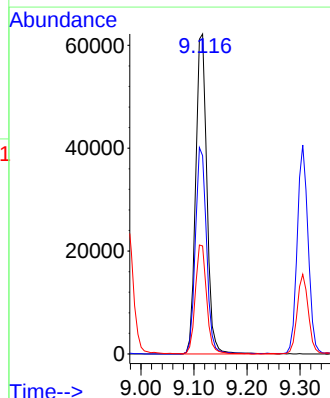
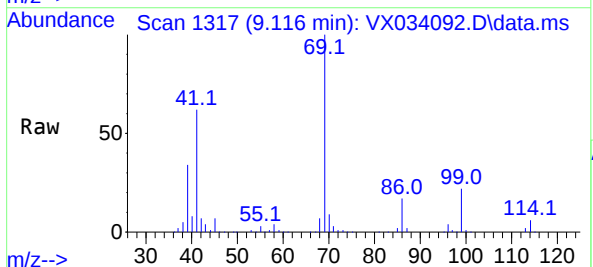
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 80.0  | 67.4  | 101.0 |
| 85  | 50.6  | 43.2  | 64.8  |
| 99  | 61.9  | 50.2  | 75.2  |

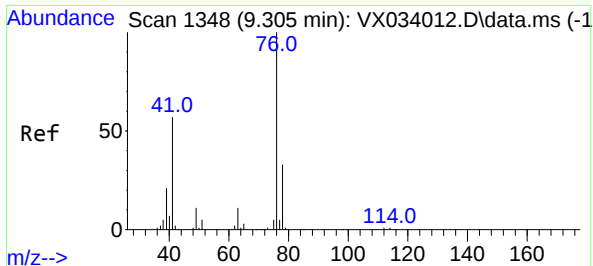


#56  
Ethyl methacrylate  
Concen: 47.588 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 69 Resp: 90960

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 64.5  | 55.1  | 82.7  |
| 39  | 34.1  | 28.5  | 42.7  |

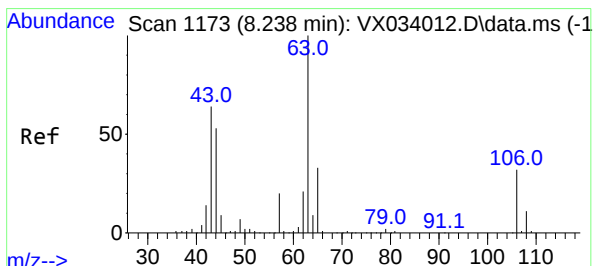
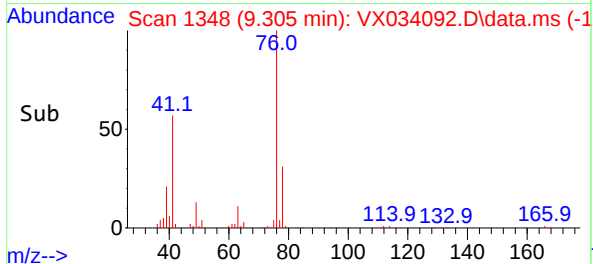
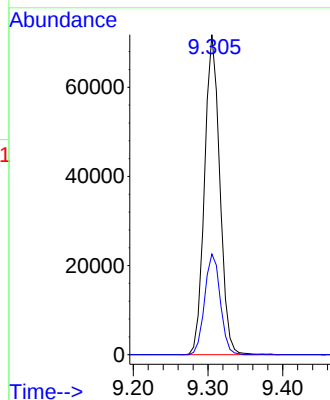
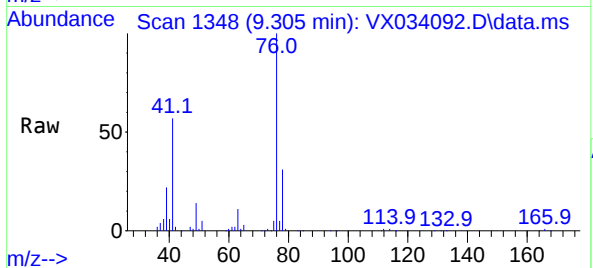




#57  
1,3-Dichloropropane  
Concen: 45.551 ug/l  
RT: 9.305 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

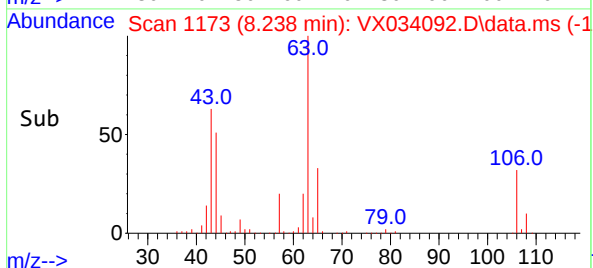
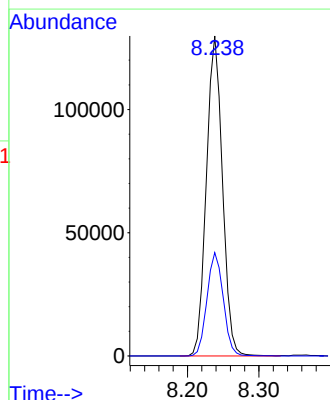
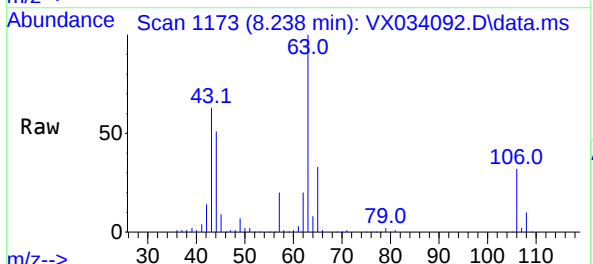
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

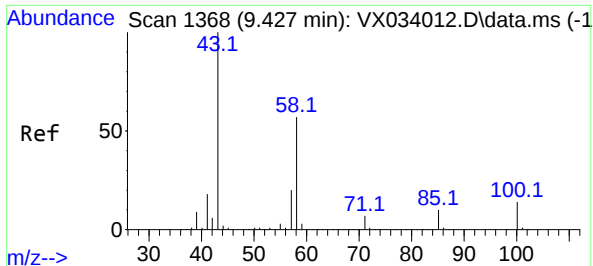
Tgt Ion: 76 Resp: 101832  
Ion Ratio Lower Upper  
76 100  
78 32.1 25.6 38.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 227.924 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 63 Resp: 202695  
Ion Ratio Lower Upper  
63 100  
106 32.6 24.5 36.7

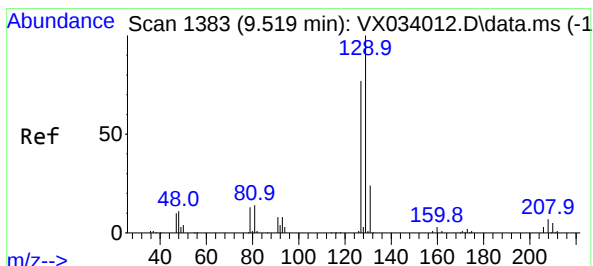
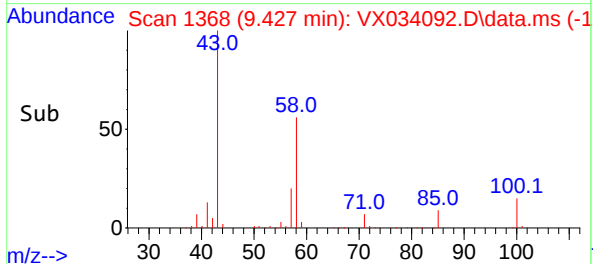
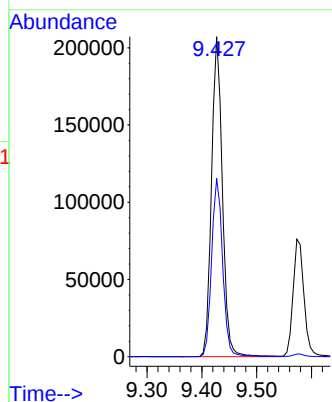
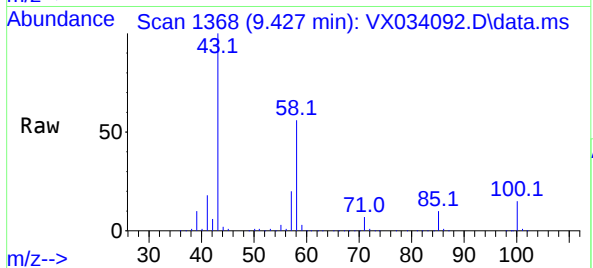




#59  
2-Hexanone  
Concen: 232.487 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

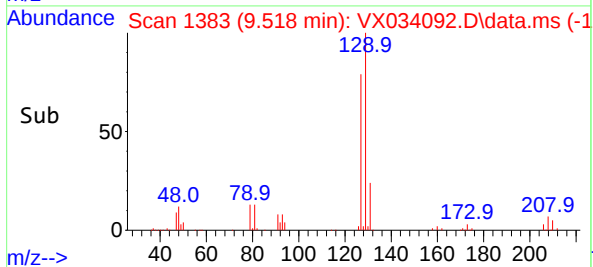
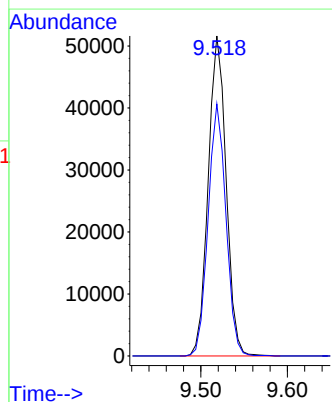
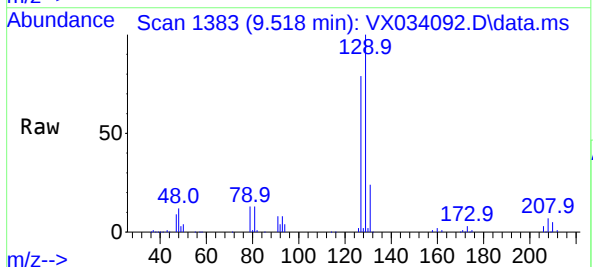
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

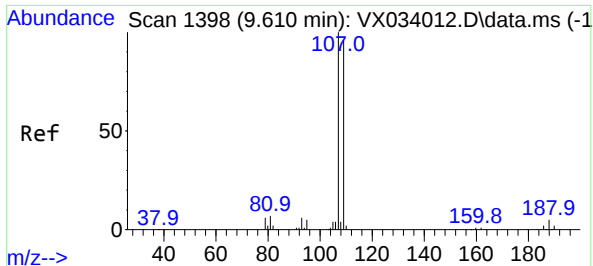
Tgt Ion: 43 Resp: 283288  
Ion Ratio Lower Upper  
43 100  
58 56.5 27.4 82.0



#60  
Dibromochloromethane  
Concen: 48.931 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 129 Resp: 74215  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 46.061 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA\_X

ClientSampleId :

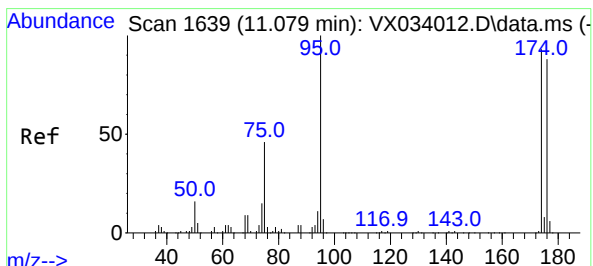
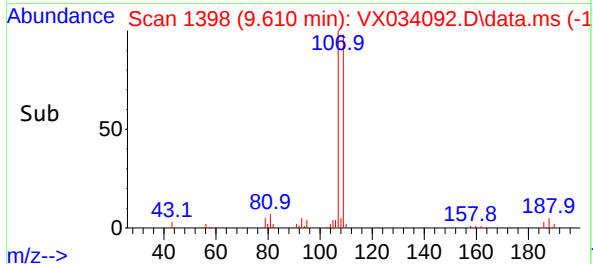
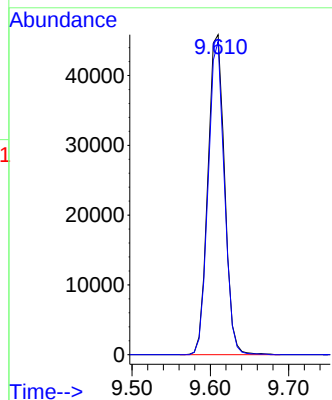
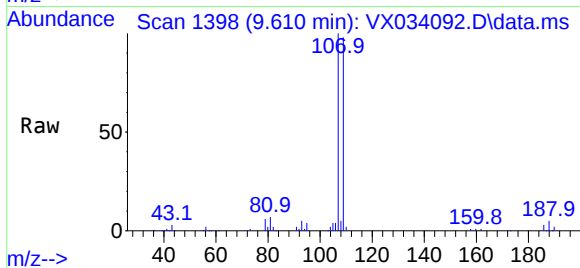
VSTDCCC050

Tgt Ion:107 Resp: 67782

Ion Ratio Lower Upper

107 100

109 94.8 74.2 111.2



#62

4-Bromofluorobenzene

Concen: 45.233 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

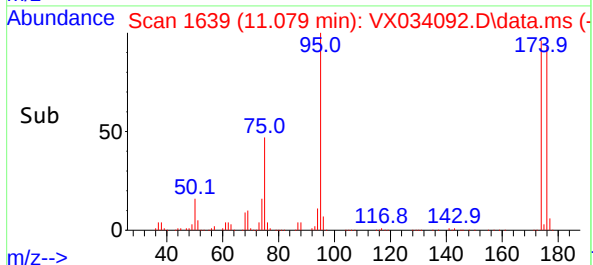
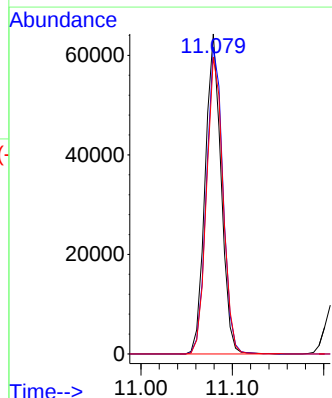
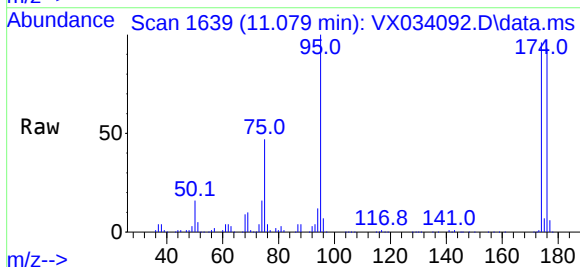
Tgt Ion: 95 Resp: 77570

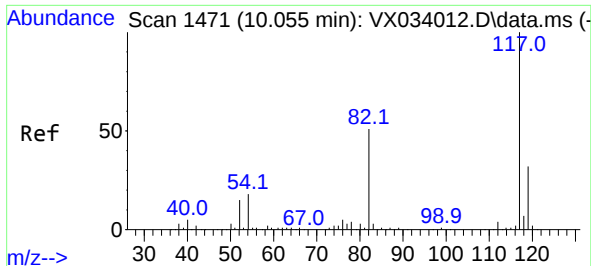
Ion Ratio Lower Upper

95 100

174 98.9 0.0 184.4

176 95.8 0.0 178.8

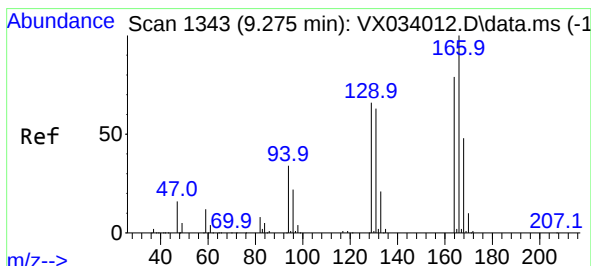
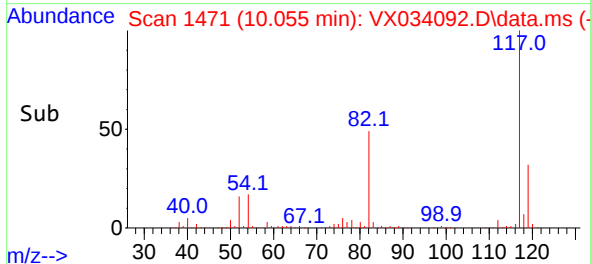
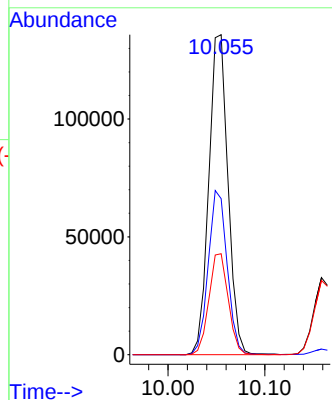
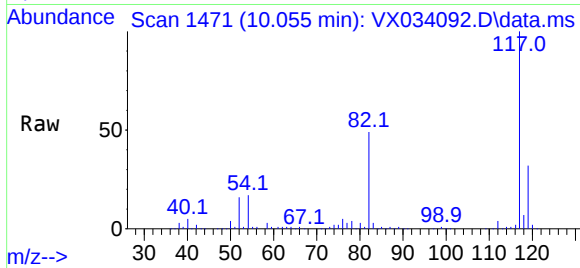




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

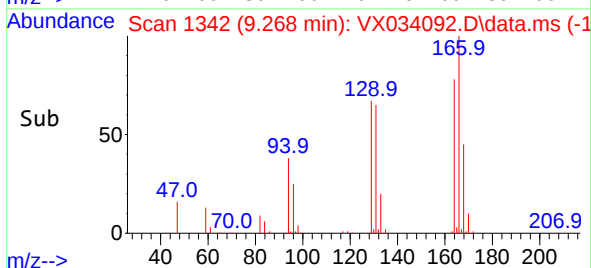
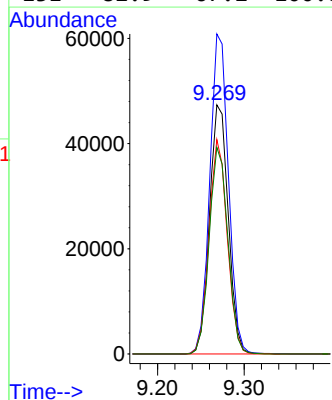
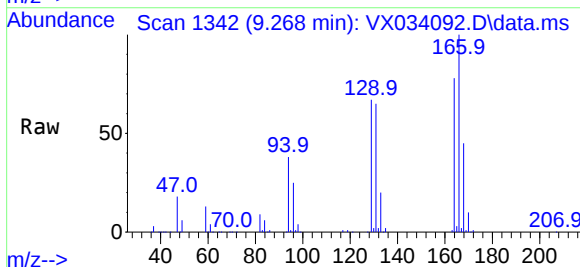
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

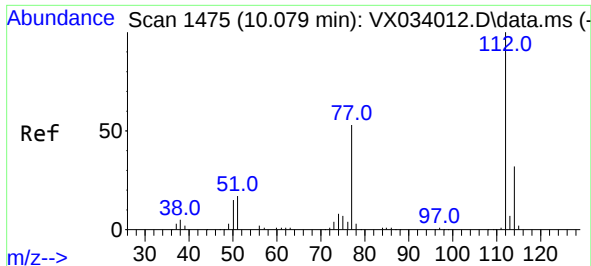
Tgt Ion:117 Resp: 187162  
Ion Ratio Lower Upper  
117 100  
82 48.7 40.6 60.8  
119 31.5 25.6 38.4



#64  
Tetrachloroethene  
Concen: 45.563 ug/l  
RT: 9.268 min Scan# 1342  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion:164 Resp: 71206  
Ion Ratio Lower Upper  
164 100  
166 128.5 100.2 150.2  
129 86.1 69.2 103.8  
131 82.9 67.2 100.8

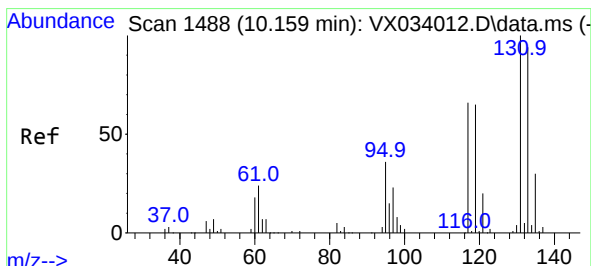
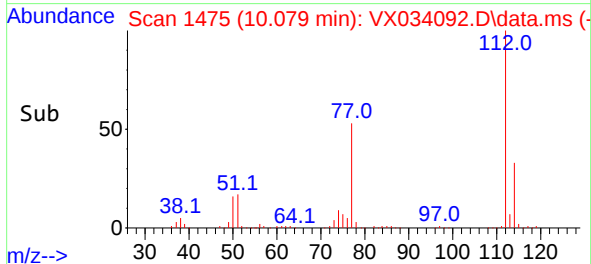
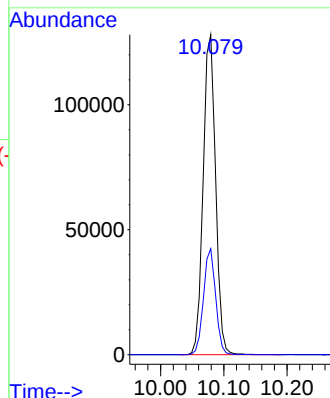
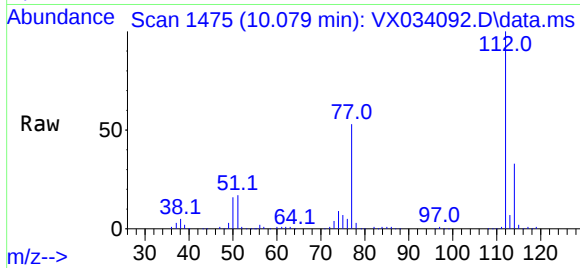




#65  
Chlorobenzene  
Concen: 45.450 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

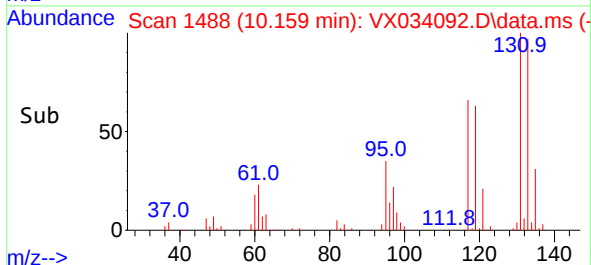
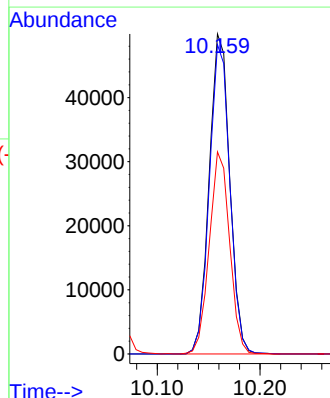
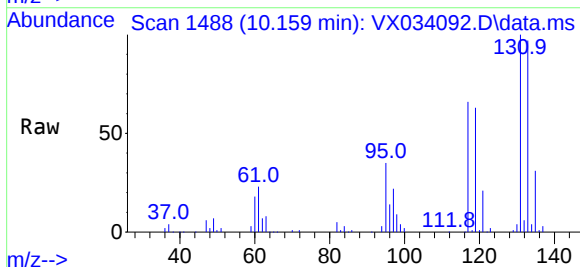
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

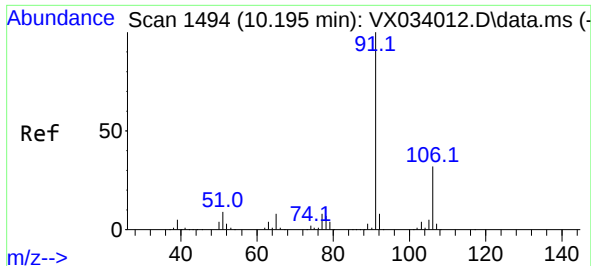
Tgt Ion:112 Resp: 175684  
Ion Ratio Lower Upper  
112 100  
114 33.1 26.2 39.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.408 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion:131 Resp: 69249  
Ion Ratio Lower Upper  
131 100  
133 96.6 48.4 145.0  
119 62.5 31.9 95.7

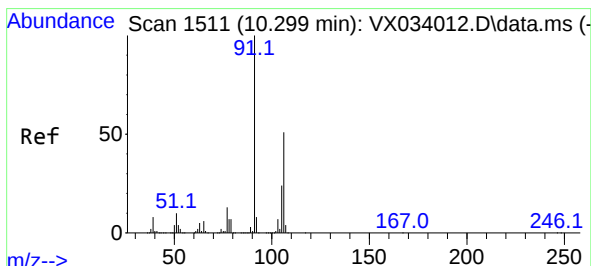
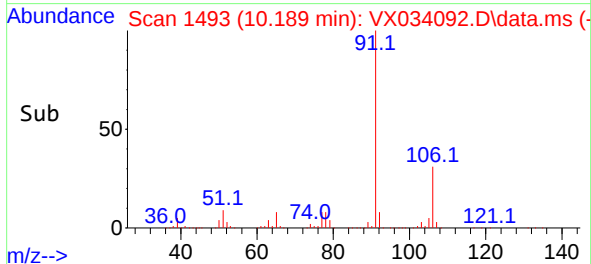
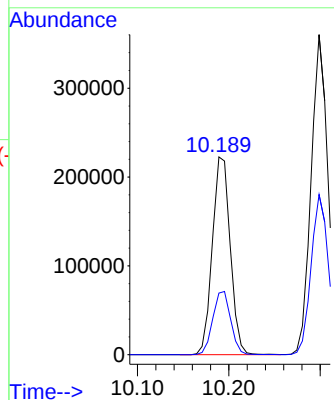
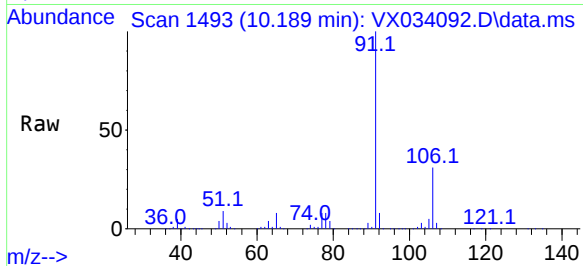




#67  
Ethyl Benzene  
Concen: 46.216 ug/l  
RT: 10.189 min Scan# 1493  
Delta R.T. -0.006 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

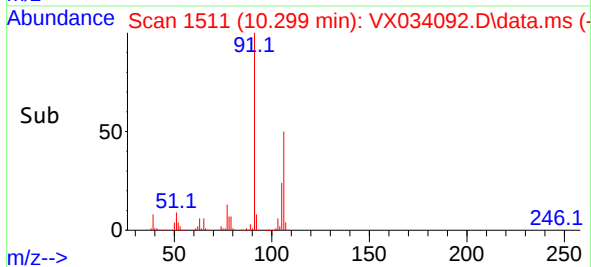
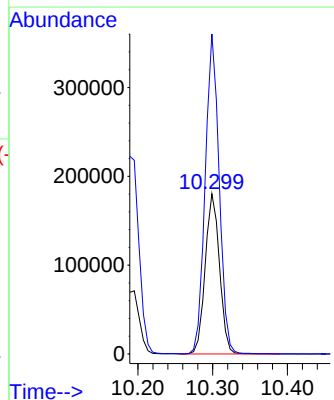
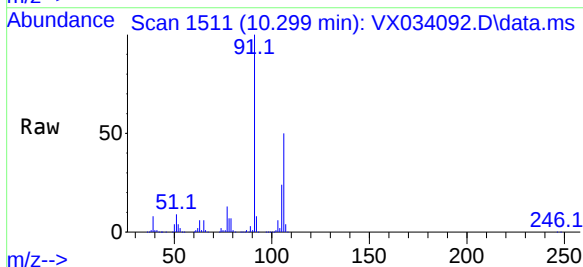
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

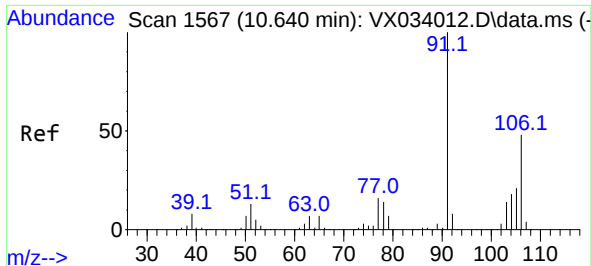
Tgt Ion: 91 Resp: 302368  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.8 38.8



#68  
m/p-Xylenes  
Concen: 91.438 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 106 Resp: 239129  
Ion Ratio Lower Upper  
106 100  
91 195.2 156.4 234.6

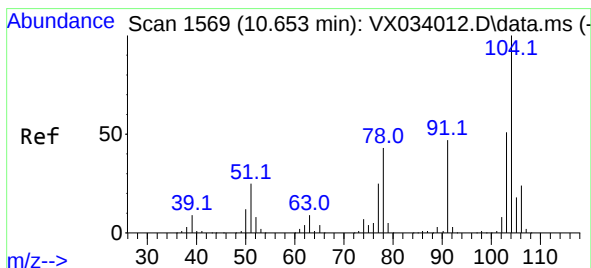
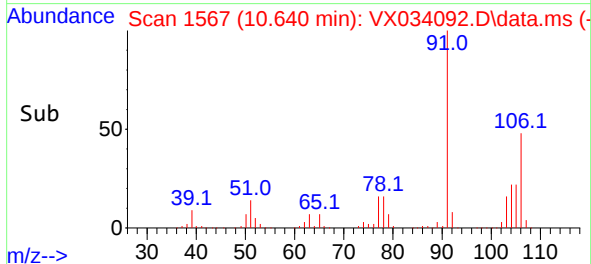
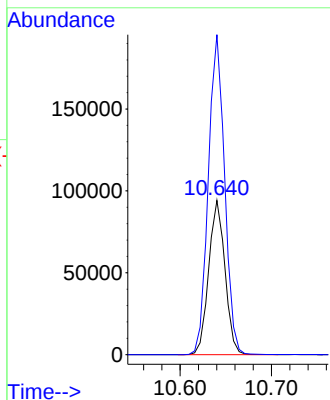
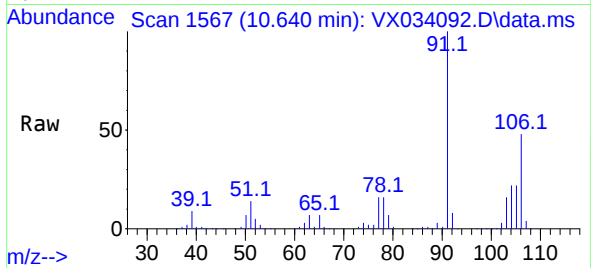




#69  
o-Xylene  
Concen: 46.254 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

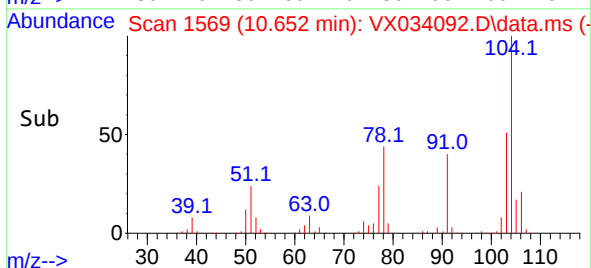
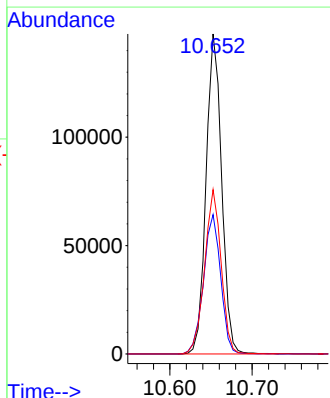
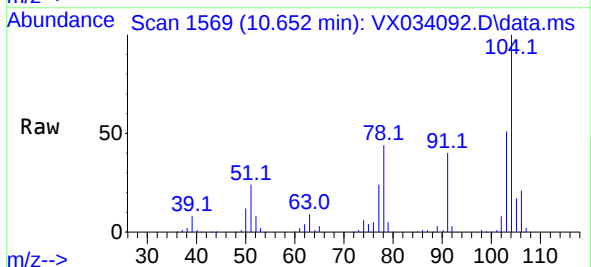
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

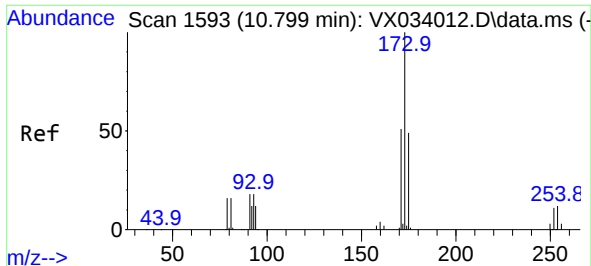
Tgt Ion:106 Resp: 116174  
Ion Ratio Lower Upper  
106 100  
91 207.9 103.1 309.3



#70  
Styrene  
Concen: 47.017 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion:104 Resp: 194495  
Ion Ratio Lower Upper  
104 100  
78 48.0 37.5 56.3  
103 54.8 43.3 64.9

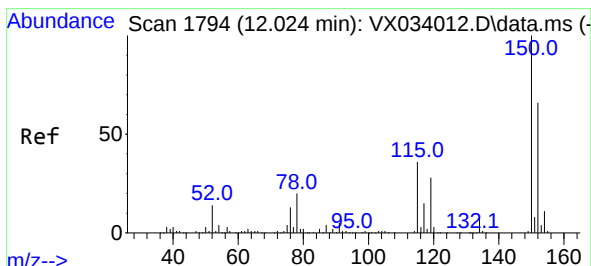
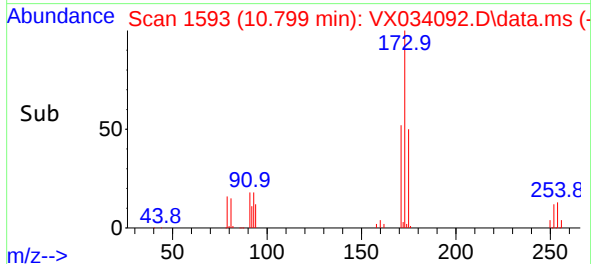
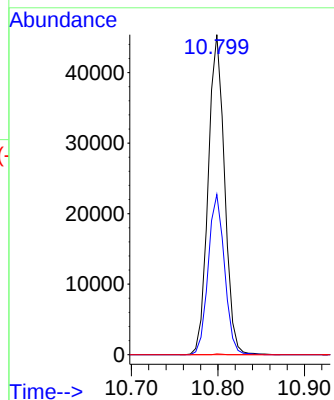
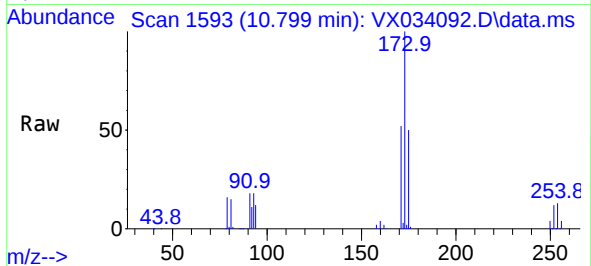




#71  
Bromoform  
Concen: 49.928 ug/l  
RT: 10.799 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

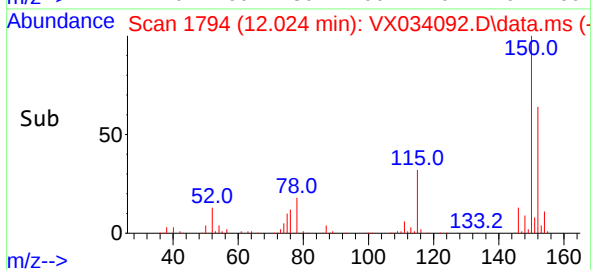
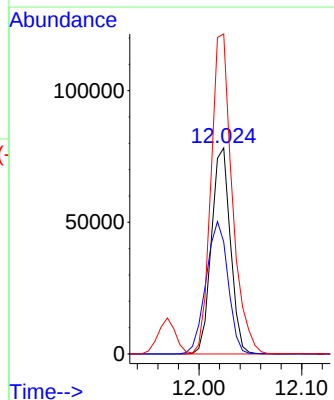
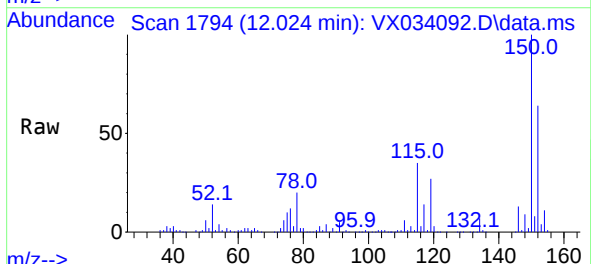
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

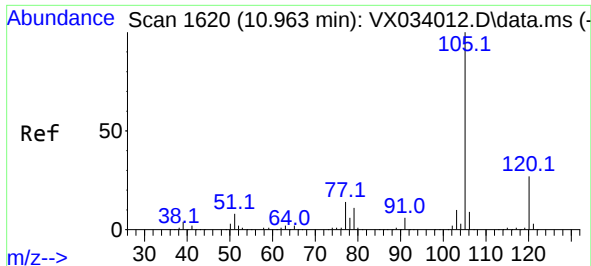
Tgt Ion:173 Resp: 59488  
Ion Ratio Lower Upper  
173 100  
175 50.0 24.1 72.3  
254 0.1 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion:152 Resp: 100354  
Ion Ratio Lower Upper  
152 100  
115 74.8 38.7 116.1  
150 173.9 0.0 348.2

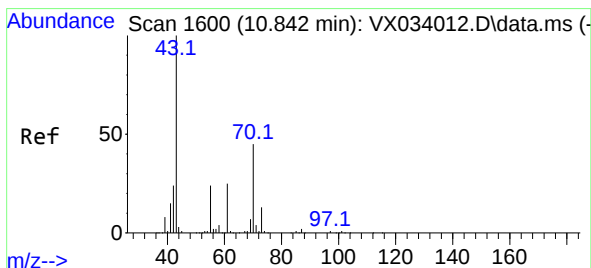
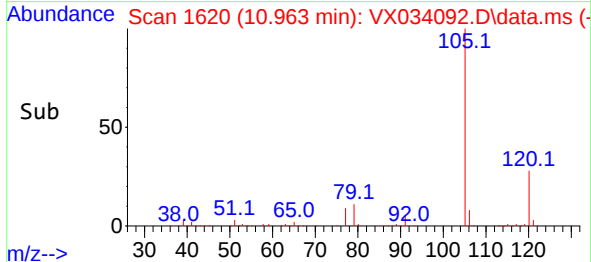
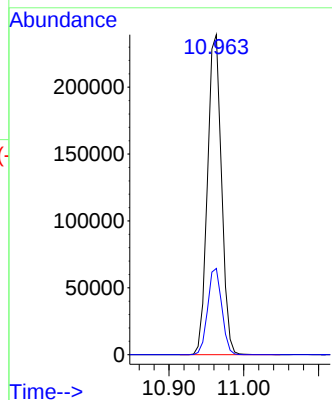
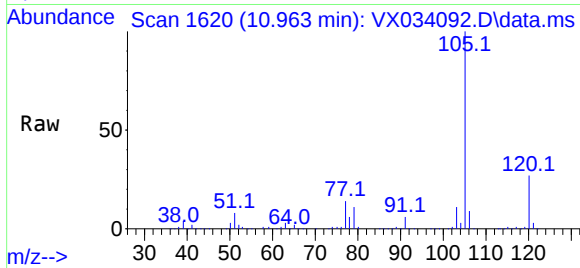




#73  
Isopropylbenzene  
Concen: 46.307 ug/l  
RT: 10.963 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

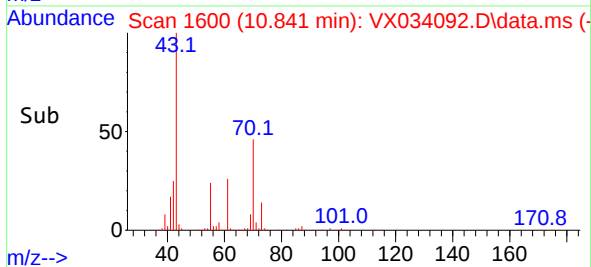
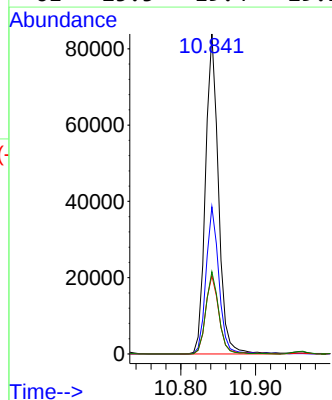
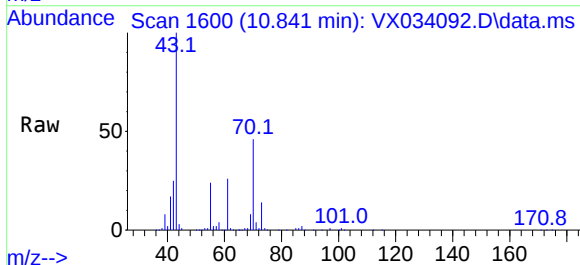
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

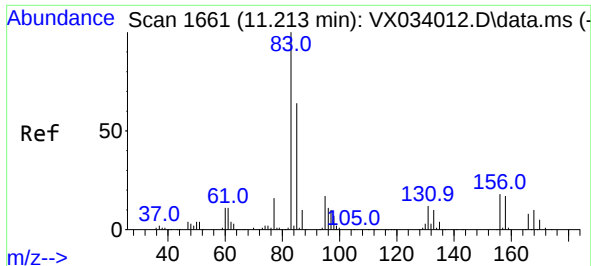
Tgt Ion:105 Resp: 310573  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.6 40.8



#74  
N-ethyl acetate  
Concen: 45.712 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 43 Resp: 101001  
Ion Ratio Lower Upper  
43 100  
70 45.6 34.8 52.2  
55 25.2 19.4 29.0  
61 25.5 19.4 29.2

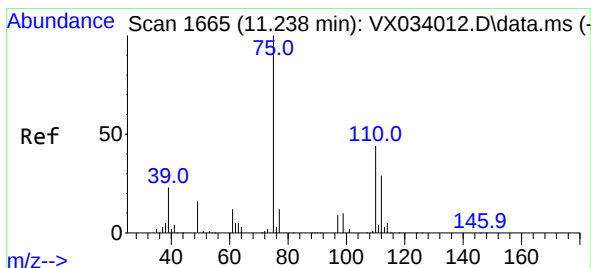
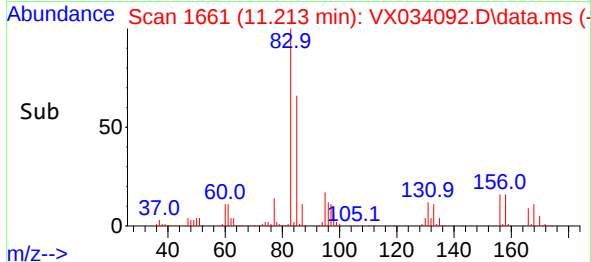
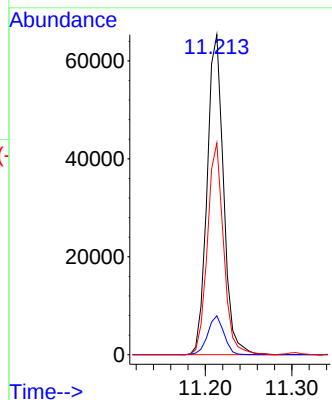
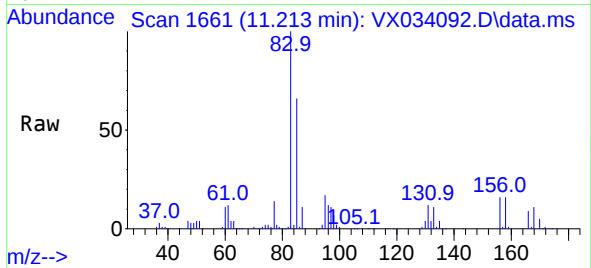




#75  
1,1,2,2-Tetrachloroethane  
Concen: 42.658 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

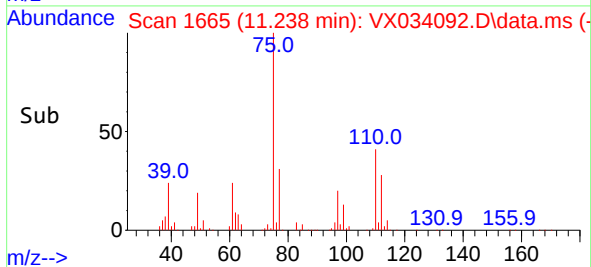
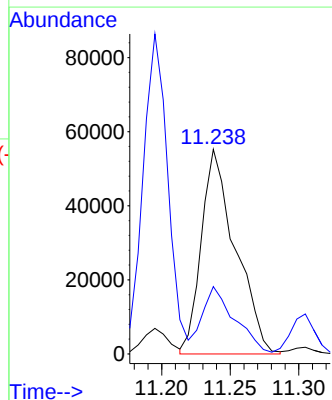
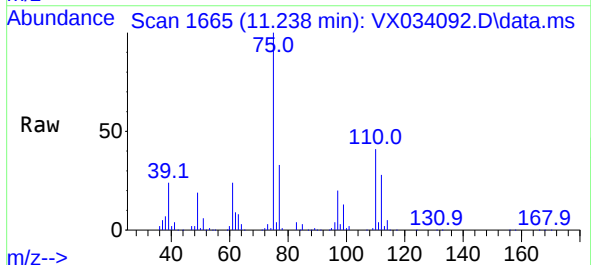
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

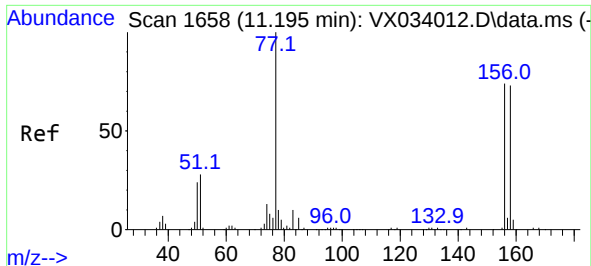
Tgt Ion: 83 Resp: 86085  
Ion Ratio Lower Upper  
83 100  
131 11.9 5.5 16.7  
85 65.0 32.3 96.9



#76  
1,2,3-Trichloropropane  
Concen: 55.687 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 75 Resp: 95957  
Ion Ratio Lower Upper  
75 100  
77 31.5 21.8 65.4

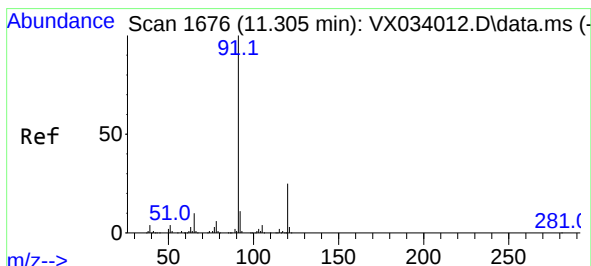
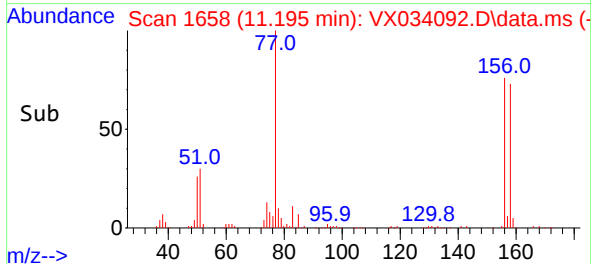
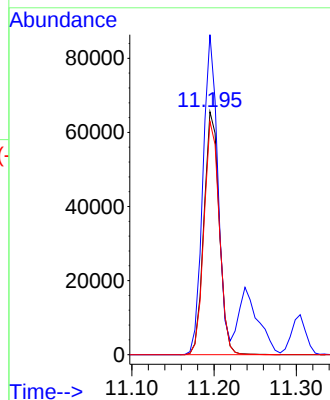
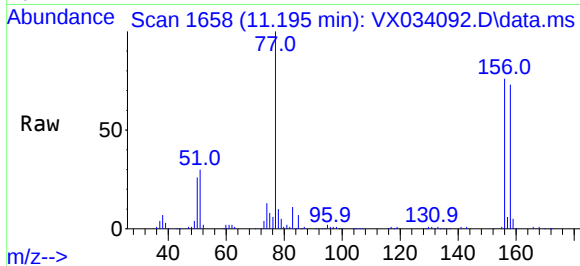




#77  
Bromobenzene  
Concen: 45.669 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

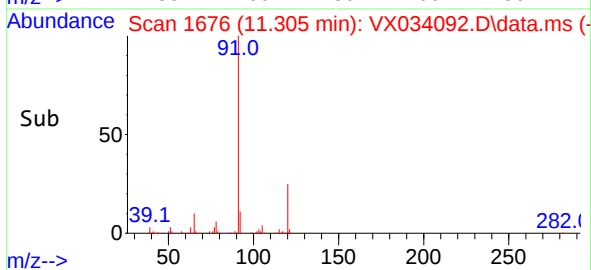
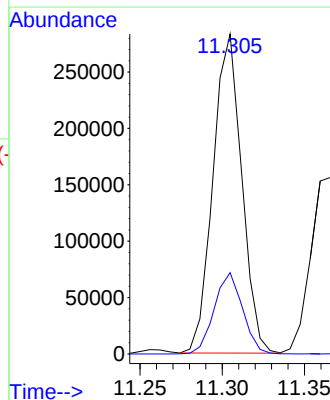
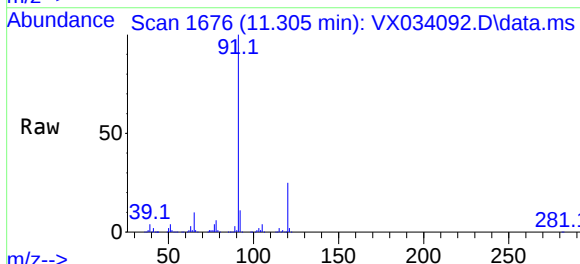
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

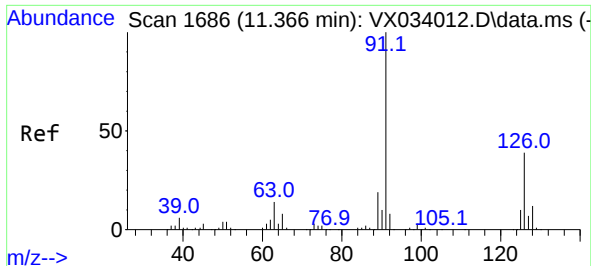
Tgt Ion:156 Resp: 84934  
Ion Ratio Lower Upper  
156 100  
77 128.5 68.1 204.3  
158 96.1 48.0 144.2



#78  
n-propylbenzene  
Concen: 46.309 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 91 Resp: 343413  
Ion Ratio Lower Upper  
91 100  
120 25.2 12.3 36.8

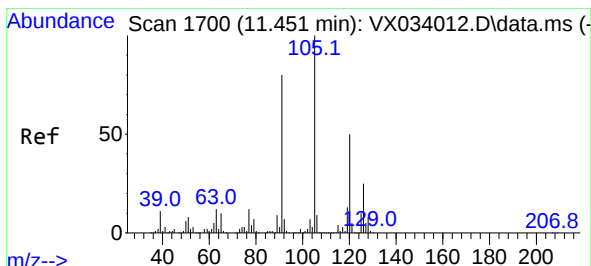
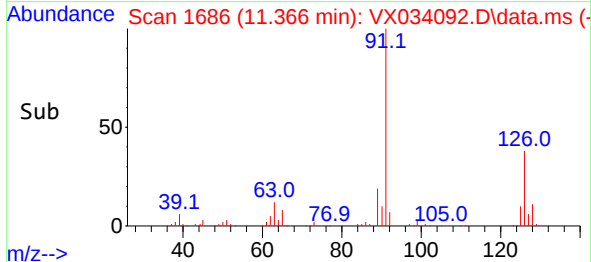
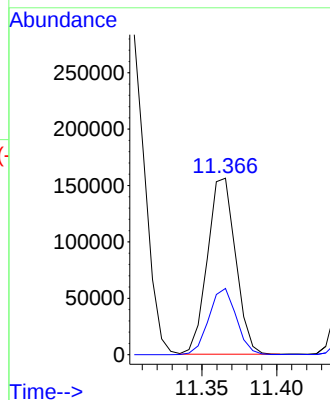
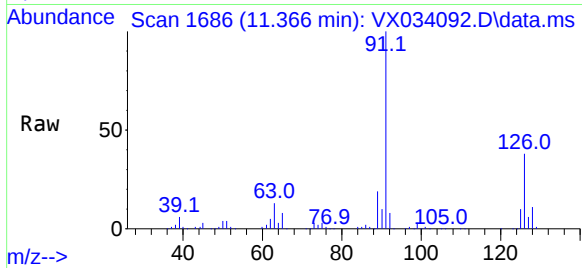




#79  
2-Chlorotoluene  
Concen: 45.551 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

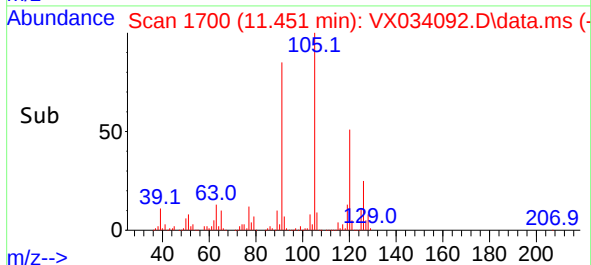
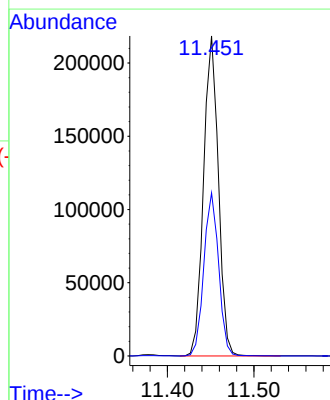
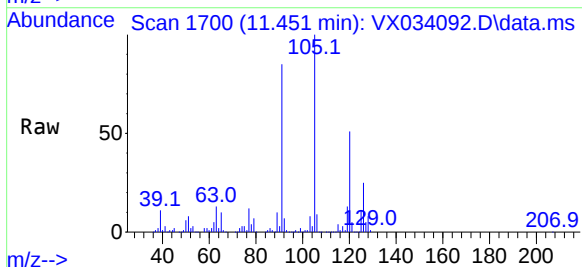
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

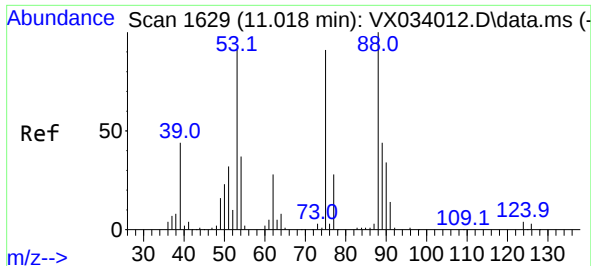
Tgt Ion: 91 Resp: 204532  
Ion Ratio Lower Upper  
91 100  
126 36.7 18.1 54.1



#80  
1,3,5-Trimethylbenzene  
Concen: 46.539 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 105 Resp: 259811  
Ion Ratio Lower Upper  
105 100  
120 50.8 25.6 76.8

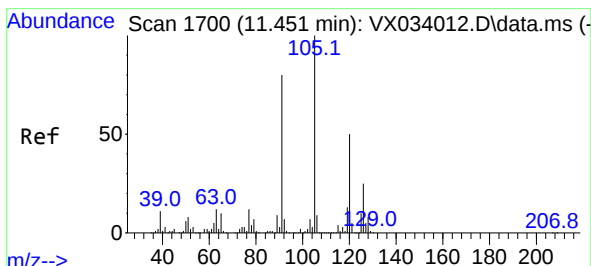
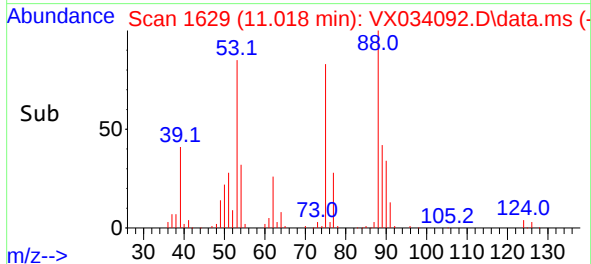
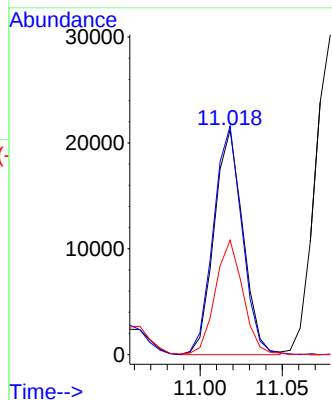
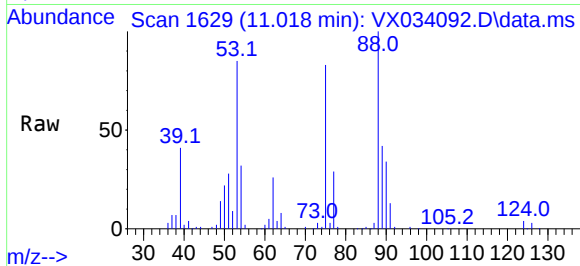




#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.324 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

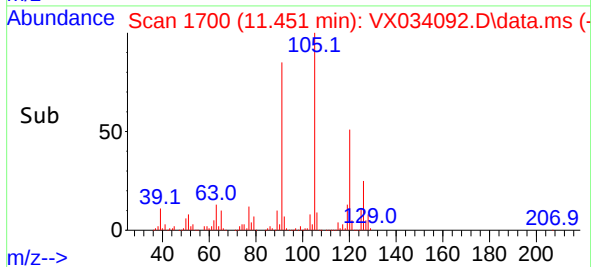
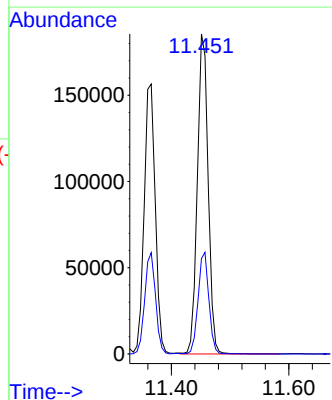
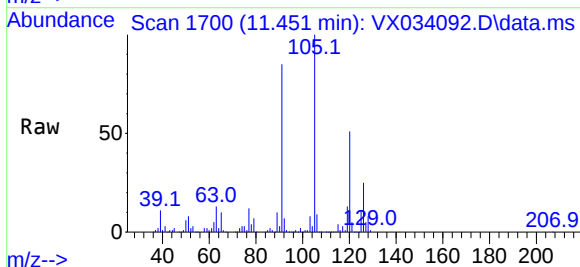
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

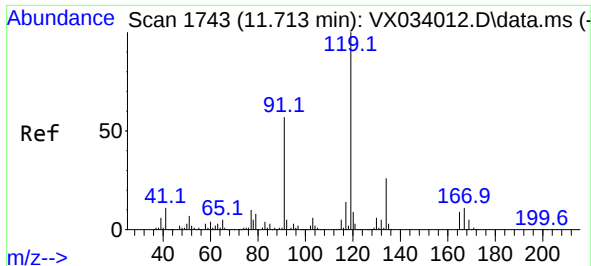
Tgt Ion: 75 Resp: 25920  
Ion Ratio Lower Upper  
75 100  
53 101.2 83.0 124.6  
89 48.8 37.7 56.5



#82  
4-Chlorotoluene  
Concen: 46.684 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 91 Resp: 237084  
Ion Ratio Lower Upper  
91 100  
126 31.5 15.8 47.4

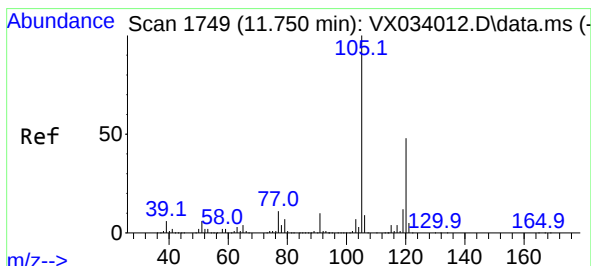
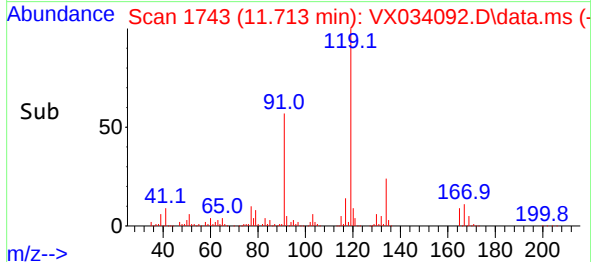
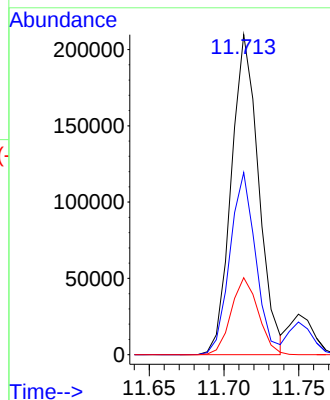
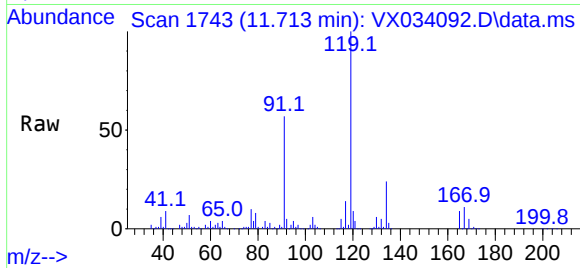




#83  
tert-Butylbenzene  
Concen: 46.239 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

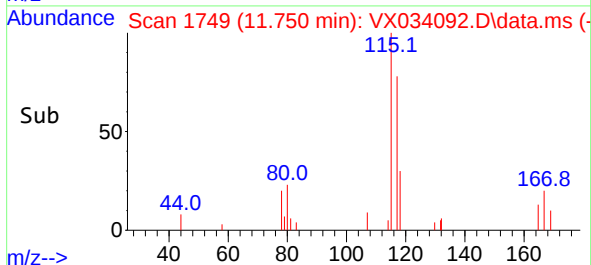
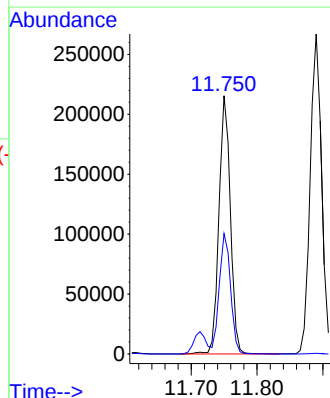
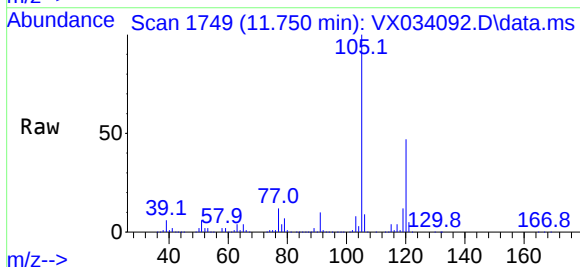
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

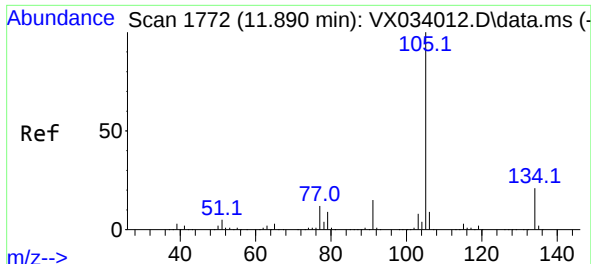
Tgt Ion:119 Resp: 266686  
Ion Ratio Lower Upper  
119 100  
91 54.0 26.9 80.7  
134 23.8 12.3 36.8



#84  
1,2,4-Trimethylbenzene  
Concen: 46.644 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion:105 Resp: 260145  
Ion Ratio Lower Upper  
105 100  
120 45.9 23.4 70.2

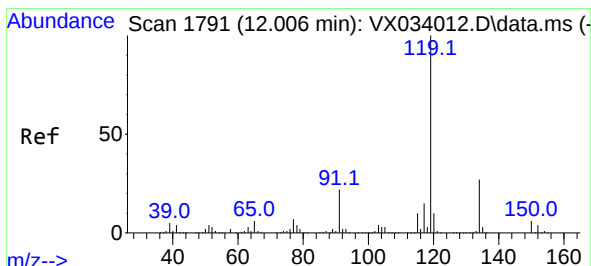
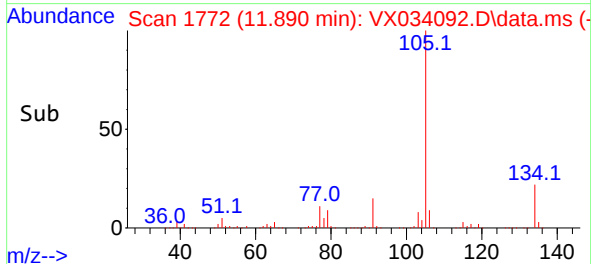
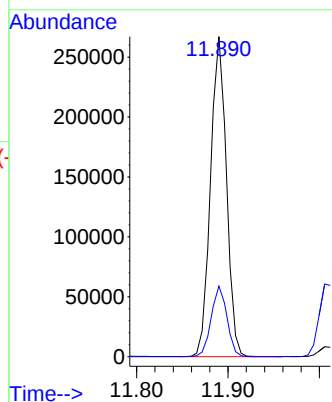
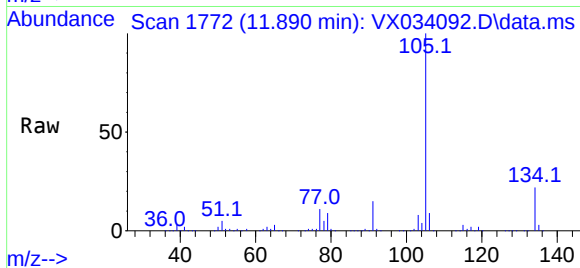




#85  
 sec-Butylbenzene  
 Concen: 46.655 ug/l  
 RT: 11.890 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX034092.D  
 Acq: 09 Feb 2023 09:36

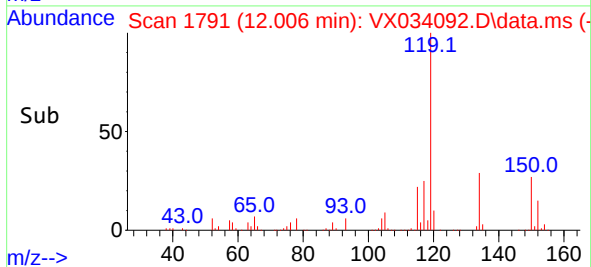
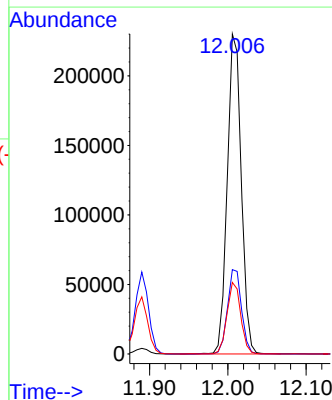
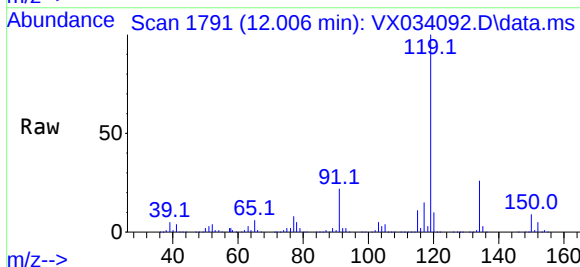
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

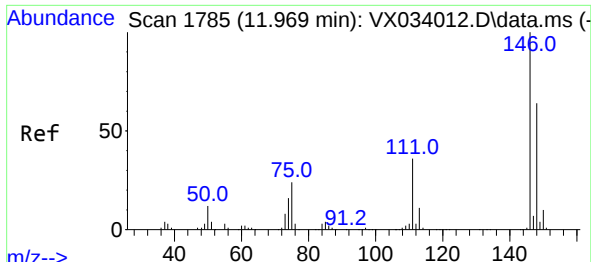
Tgt Ion:105 Resp: 321951  
 Ion Ratio Lower Upper  
 105 100  
 134 21.8 10.8 32.3



#86  
 p-Isopropyltoluene  
 Concen: 47.378 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX034092.D  
 Acq: 09 Feb 2023 09:36

Tgt Ion:119 Resp: 286746  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.6 40.8  
 91 22.0 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 45.417 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

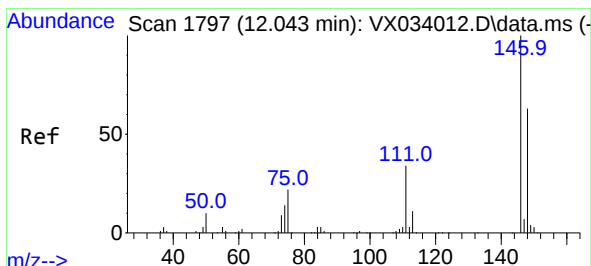
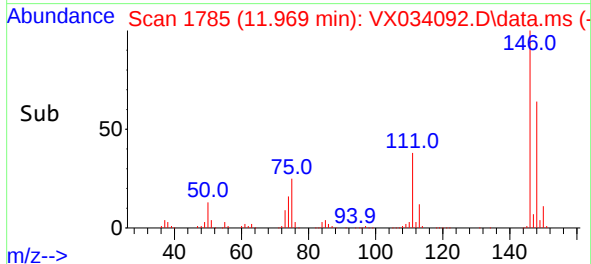
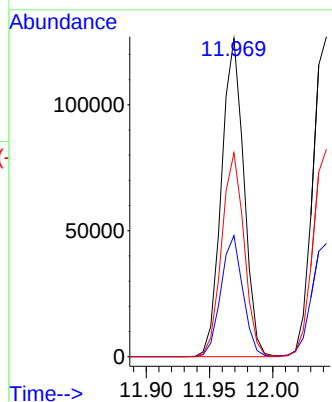
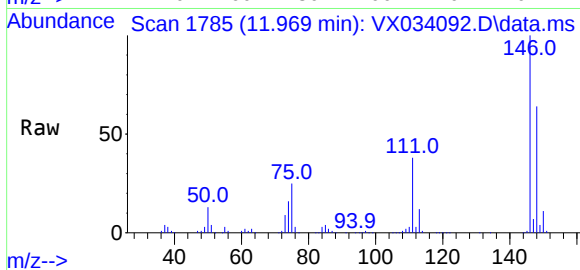
Tgt Ion:146 Resp: 154988

Ion Ratio Lower Upper

146 100

111 37.5 18.6 55.6

148 64.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 45.360 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

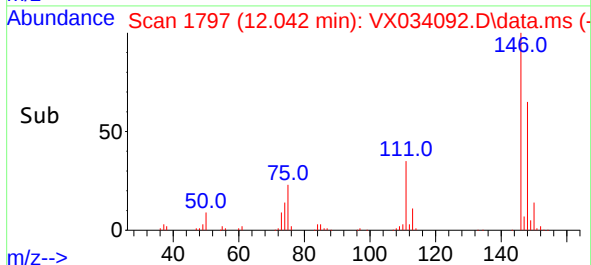
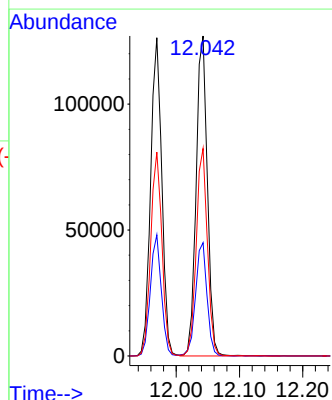
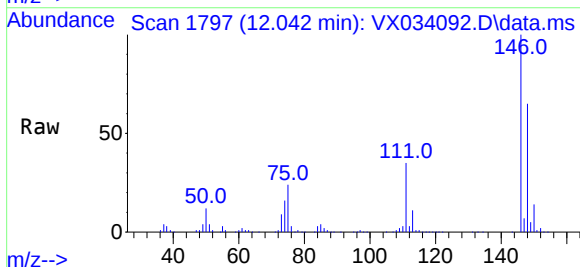
Tgt Ion:146 Resp: 157158

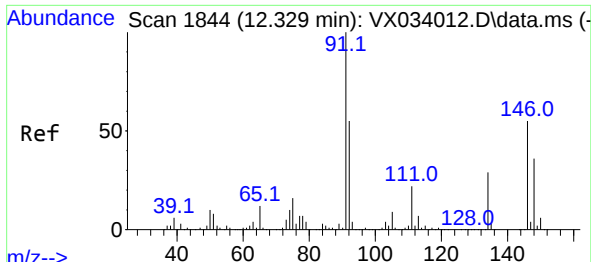
Ion Ratio Lower Upper

146 100

111 36.2 17.8 53.4

148 64.4 32.1 96.3





#89

n-Butylbenzene

Concen: 48.528 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

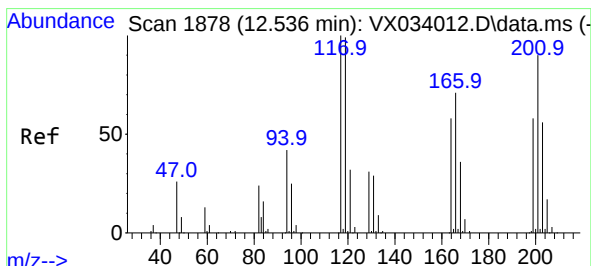
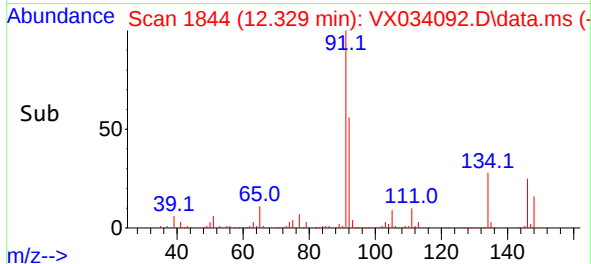
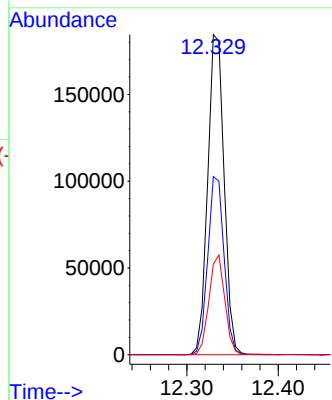
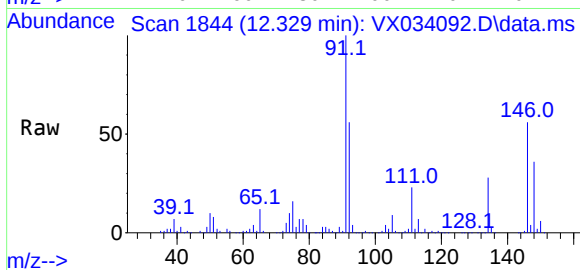
Tgt Ion: 91 Resp: 230274

Ion Ratio Lower Upper

91 100

92 55.3 27.5 82.5

134 30.0 14.3 42.9



#90

Hexachloroethane

Concen: 49.045 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX034092.D

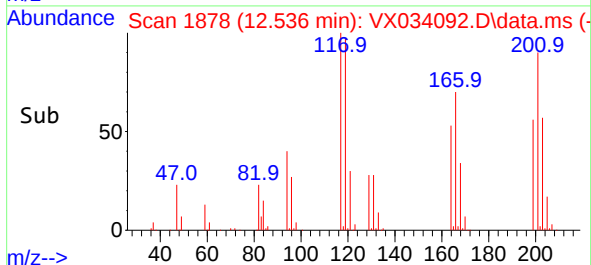
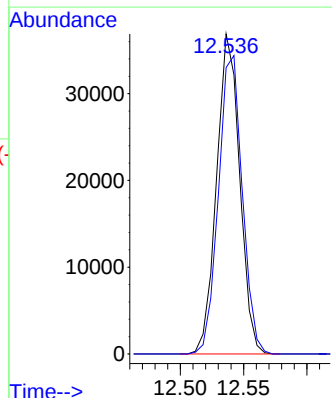
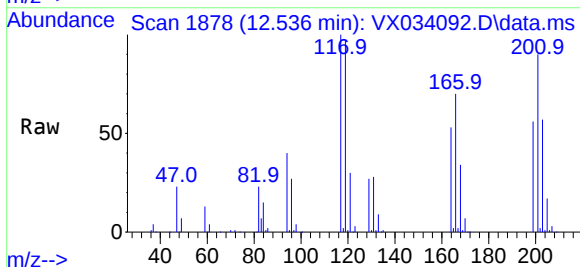
Acq: 09 Feb 2023 09:36

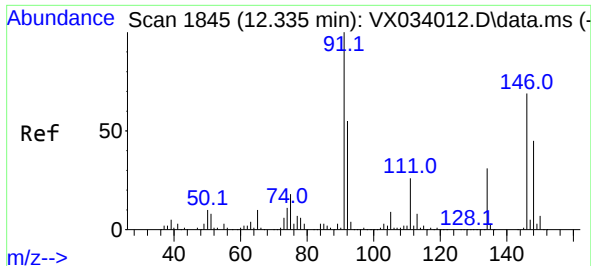
Tgt Ion: 117 Resp: 46730

Ion Ratio Lower Upper

117 100

201 96.3 45.1 135.3

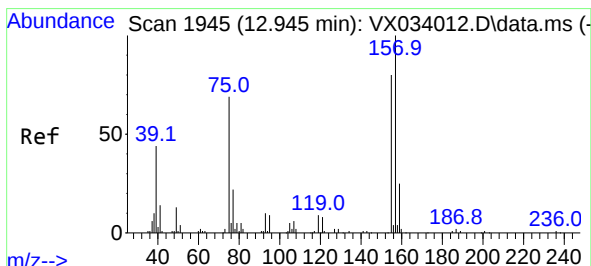
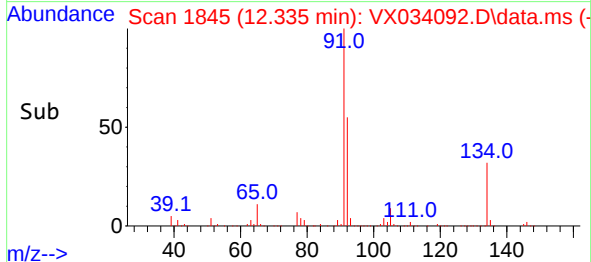
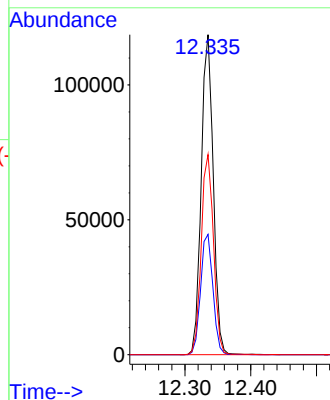
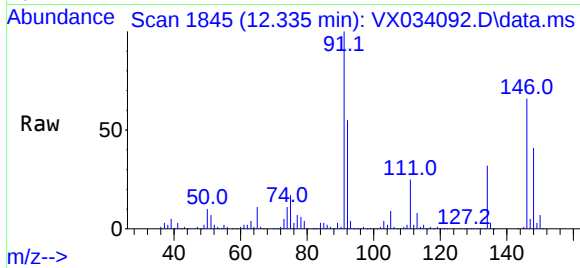




#91  
1,2-Dichlorobenzene  
Concen: 45.174 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

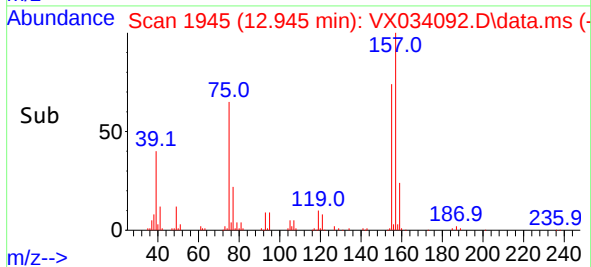
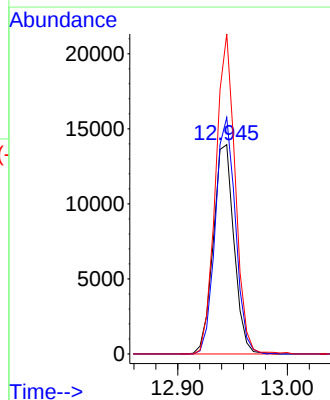
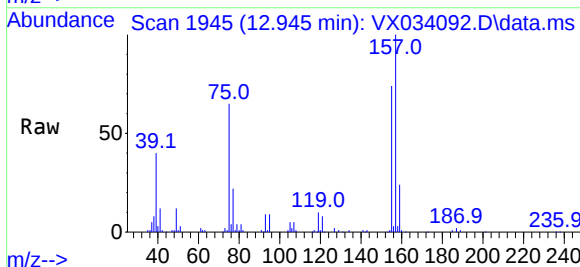
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

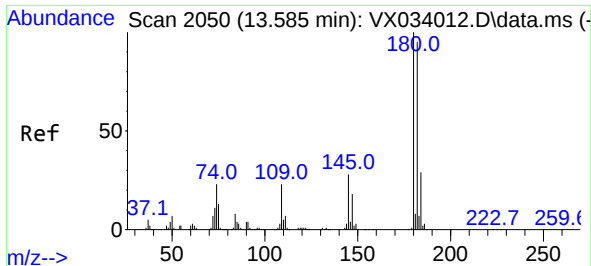
Tgt Ion:146 Resp: 150349  
Ion Ratio Lower Upper  
146 100  
111 38.5 19.3 57.8  
148 63.8 32.3 96.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 46.200 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion: 75 Resp: 18333  
Ion Ratio Lower Upper  
75 100  
155 109.7 51.7 155.1  
157 144.3 67.5 202.3

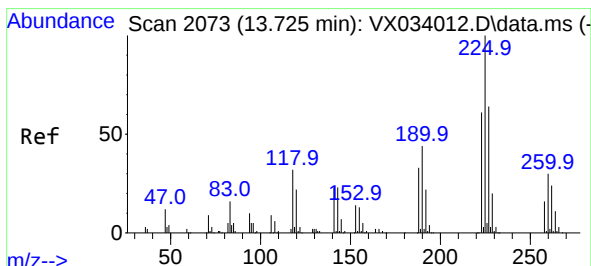
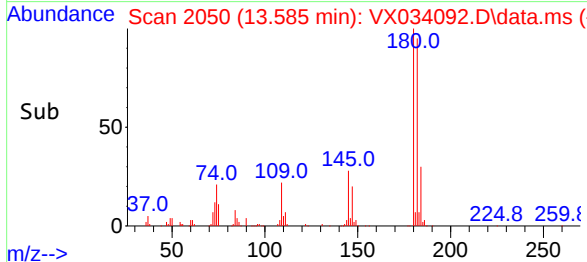
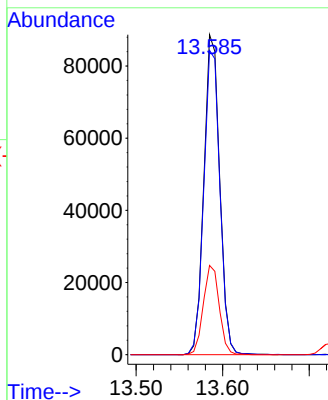
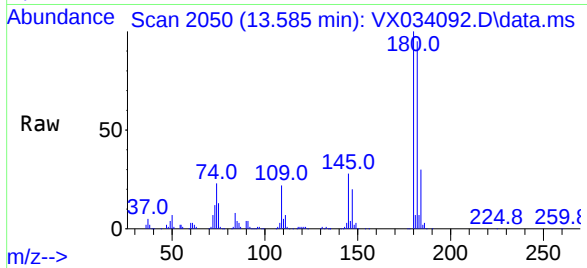




#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.862 ug/l  
 RT: 13.585 min Scan# 2050  
 Delta R.T. -0.000 min  
 Lab File: VX034092.D  
 Acq: 09 Feb 2023 09:36

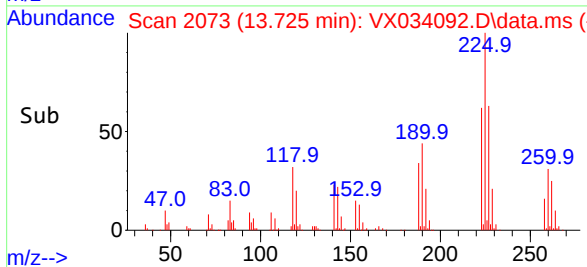
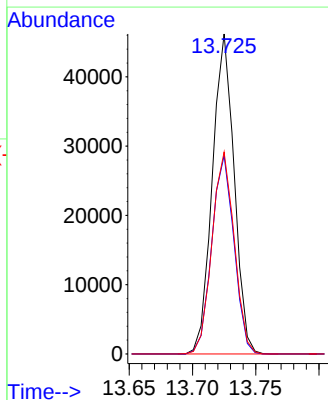
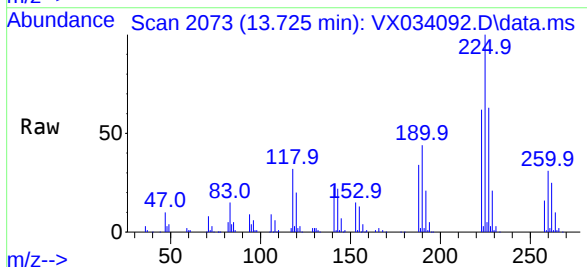
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

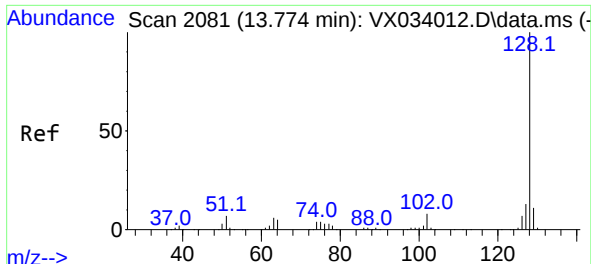
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 112550 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 96.8  | 47.9  | 143.6  |
| 145      | 28.1  | 14.1  | 42.2   |



#94  
 Hexachlorobutadiene  
 Concen: 47.480 ug/l  
 RT: 13.725 min Scan# 2073  
 Delta R.T. -0.000 min  
 Lab File: VX034092.D  
 Acq: 09 Feb 2023 09:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 55266 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.1  | 31.3  | 93.9  |
| 227      | 64.5  | 32.3  | 96.9  |



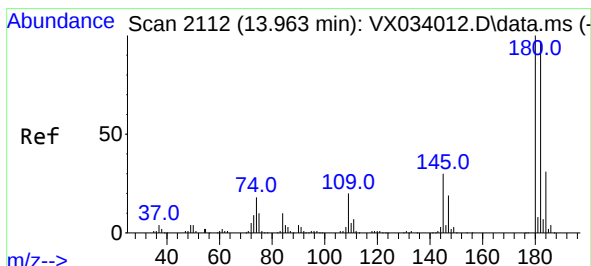
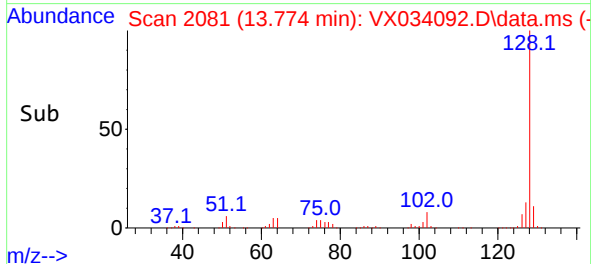
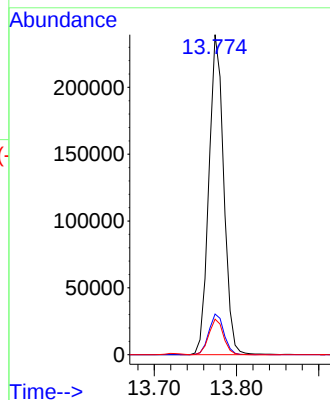
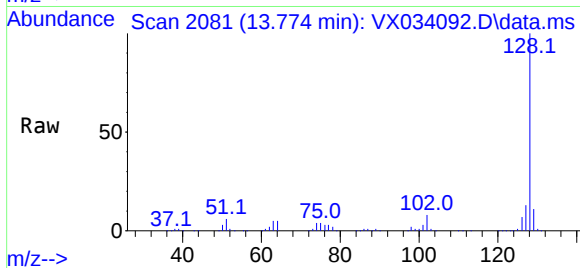


#95  
Naphthalene  
Concen: 46.510 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 300500

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.0  | 10.3  | 15.5  |
| 129 | 11.0  | 8.7   | 13.1  |



#96  
1,2,3-Trichlorobenzene  
Concen: 46.664 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX034092.D  
Acq: 09 Feb 2023 09:36

Tgt Ion:180 Resp: 110226

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 97.0  | 47.6  | 142.9 |
| 145 | 30.3  | 15.1  | 45.3  |

