

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021224\  
 Data File : VX040185.D  
 Acq On : 12 Feb 2024 09:32  
 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 12 14:20:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020924W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 12 00:21:14 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 85864    | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 142941   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 138902   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 77732    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 63858    | 49.991   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 99.980%  |
| 35) Dibromofluoromethane    | 5.379  | 113   | 50165    | 50.254   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 100.500% |
| 50) Toluene-d8              | 8.647  | 98    | 181106   | 48.501   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 97.000%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 78226    | 51.367   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 102.740% |

|                              |       |     |        |         |      |      |
|------------------------------|-------|-----|--------|---------|------|------|
| Target Compounds             |       |     |        | Qvalue  |      |      |
| 2) Dichlorodifluoromethane   | 1.167 | 85  | 45311  | 46.717  | ug/l | 99   |
| 3) Chloromethane             | 1.295 | 50  | 43041  | 43.034  | ug/l | 98   |
| 4) Vinyl Chloride            | 1.374 | 62  | 47182  | 44.640  | ug/l | 99   |
| 5) Bromomethane              | 1.599 | 94  | 32963  | 55.266  | ug/l | 99   |
| 6) Chloroethane              | 1.679 | 64  | 29480  | 44.225  | ug/l | 95   |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 75228  | 44.320  | ug/l | 98   |
| 8) Diethyl Ether             | 2.130 | 74  | 30050  | 47.128  | ug/l | 93   |
| 9) 1,1,2-Trichlorotrifluo... | 2.325 | 101 | 41232  | 45.286  | ug/l | 97   |
| 10) Methyl Iodide            | 2.453 | 142 | 52116  | 51.558  | ug/l | 93   |
| 11) Tert butyl alcohol       | 2.959 | 59  | 64328  | 258.534 | ug/l | # 93 |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 38623  | 44.058  | ug/l | 87   |
| 13) Acrolein                 | 2.233 | 56  | 60118  | 261.767 | ug/l | 100  |
| 14) Allyl chloride           | 2.660 | 41  | 69650  | 45.783  | ug/l | 97   |
| 15) Acrylonitrile            | 3.056 | 53  | 138867 | 249.435 | ug/l | 99   |
| 16) Acetone                  | 2.374 | 43  | 147866 | 281.843 | ug/l | 93   |
| 17) Carbon Disulfide         | 2.508 | 76  | 102346 | 44.222  | ug/l | 99   |
| 18) Methyl Acetate           | 2.697 | 43  | 60814  | 43.240  | ug/l | 97   |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 156824 | 50.779  | ug/l | 98   |
| 20) Methylene Chloride       | 2.788 | 84  | 48611  | 49.406  | ug/l | 94   |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 44172  | 44.243  | ug/l | 96   |
| 22) Diisopropyl ether        | 3.751 | 45  | 151902 | 49.234  | ug/l | 86   |
| 23) Vinyl Acetate            | 3.715 | 43  | 722004 | 262.505 | ug/l | 99   |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 82850  | 46.099  | ug/l | 99   |
| 25) 2-Butanone               | 4.544 | 43  | 203549 | 248.205 | ug/l | 96   |
| 26) 2,2-Dichloropropane      | 4.471 | 77  | 68644  | 49.617  | ug/l | 97   |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 54382  | 47.747  | ug/l | 92   |
| 28) Bromochloromethane       | 4.891 | 49  | 40908  | 53.612  | ug/l | 89   |
| 29) Tetrahydrofuran          | 4.995 | 42  | 129460 | 242.308 | ug/l | 95   |
| 30) Chloroform               | 5.087 | 83  | 92503  | 47.606  | ug/l | 96   |
| 31) Cyclohexane              | 5.465 | 56  | 65946  | 43.282  | ug/l | 93   |
| 32) 1,1,1-Trichloroethane    | 5.373 | 97  | 76508  | 46.803  | ug/l | 99   |
| 36) 1,1-Dichloropropene      | 5.684 | 75  | 62149  | 44.445  | ug/l | 98   |
| 37) Ethyl Acetate            | 4.709 | 43  | 76740  | 49.321  | ug/l | 97   |
| 38) Carbon Tetrachloride     | 5.666 | 117 | 63136  | 47.487  | ug/l | 93   |
| 39) Methylcyclohexane        | 7.379 | 83  | 72053  | 44.339  | ug/l | 94   |
| 40) Benzene                  | 6.032 | 78  | 185002 | 47.310  | ug/l | 98   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021224\  
 Data File : VX040185.D  
 Acq On : 12 Feb 2024 09:32  
 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 12 14:20:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020924W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 12 00:21:14 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.910  | 41   | 42110    | 51.053  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 76517    | 50.061  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.330  | 43   | 126391   | 52.037  | ug/l   | 99       |
| 44) Trichloroethene           | 7.123  | 130  | 49625    | 46.007  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 50565    | 49.680  | ug/l   | 97       |
| 46) Dibromomethane            | 7.580  | 93   | 38291    | 51.082  | ug/l   | 94       |
| 47) Bromodichloromethane      | 7.818  | 83   | 74504    | 51.583  | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.690  | 41   | 61933    | 49.833  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 7.653  | 88   | 25363    | 938.083 | ug/l # | 91       |
| 51) 4-Methyl-2-Pentanone      | 8.568  | 43   | 420245   | 253.419 | ug/l   | 99       |
| 52) Toluene                   | 8.714  | 92   | 122059   | 47.654  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 83235    | 48.466  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.360  | 75   | 87391    | 53.988  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 54657    | 50.031  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 86388    | 52.822  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 90199    | 50.585  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 195662   | 252.902 | ug/l   | 99       |
| 59) 2-Hexanone                | 9.427  | 43   | 340104   | 258.677 | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.519  | 129  | 60987    | 54.794  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 60025    | 51.691  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.269  | 164  | 42426    | 43.586  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.073 | 112  | 139811   | 48.228  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 53202    | 52.989  | ug/l   | 100      |
| 67) Ethyl Benzene             | 10.189 | 91   | 246924   | 47.826  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 186481   | 95.634  | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 94681    | 49.967  | ug/l   | 99       |
| 70) Styrene                   | 10.653 | 104  | 161011   | 51.108  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 47068    | 49.919  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.964 | 105  | 247877   | 45.275  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.842 | 43   | 121970   | 51.974  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 93380    | 47.474  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 103580   | 65.802  | ug/l   | 90       |
| 77) Bromobenzene              | 11.195 | 156  | 62141    | 48.056  | ug/l   | 96       |
| 78) n-propylbenzene           | 11.305 | 91   | 298578   | 45.045  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 181050   | 45.234  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 216386   | 46.946  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 28895    | 51.437  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 215344   | 45.408  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 208608   | 46.163  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 219327   | 47.034  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 266561   | 45.900  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 220794   | 46.380  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 122565   | 47.837  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.037 | 146  | 125899   | 46.405  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 210506   | 45.809  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 39186    | 52.186  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 120801   | 48.704  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 24010    | 52.888  | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 81053    | 47.733  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 30897    | 45.590  | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 264492   | 49.317  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 79712    | 49.248  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021224\  
Data File : VX040185.D  
Acq On : 12 Feb 2024 09:32  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

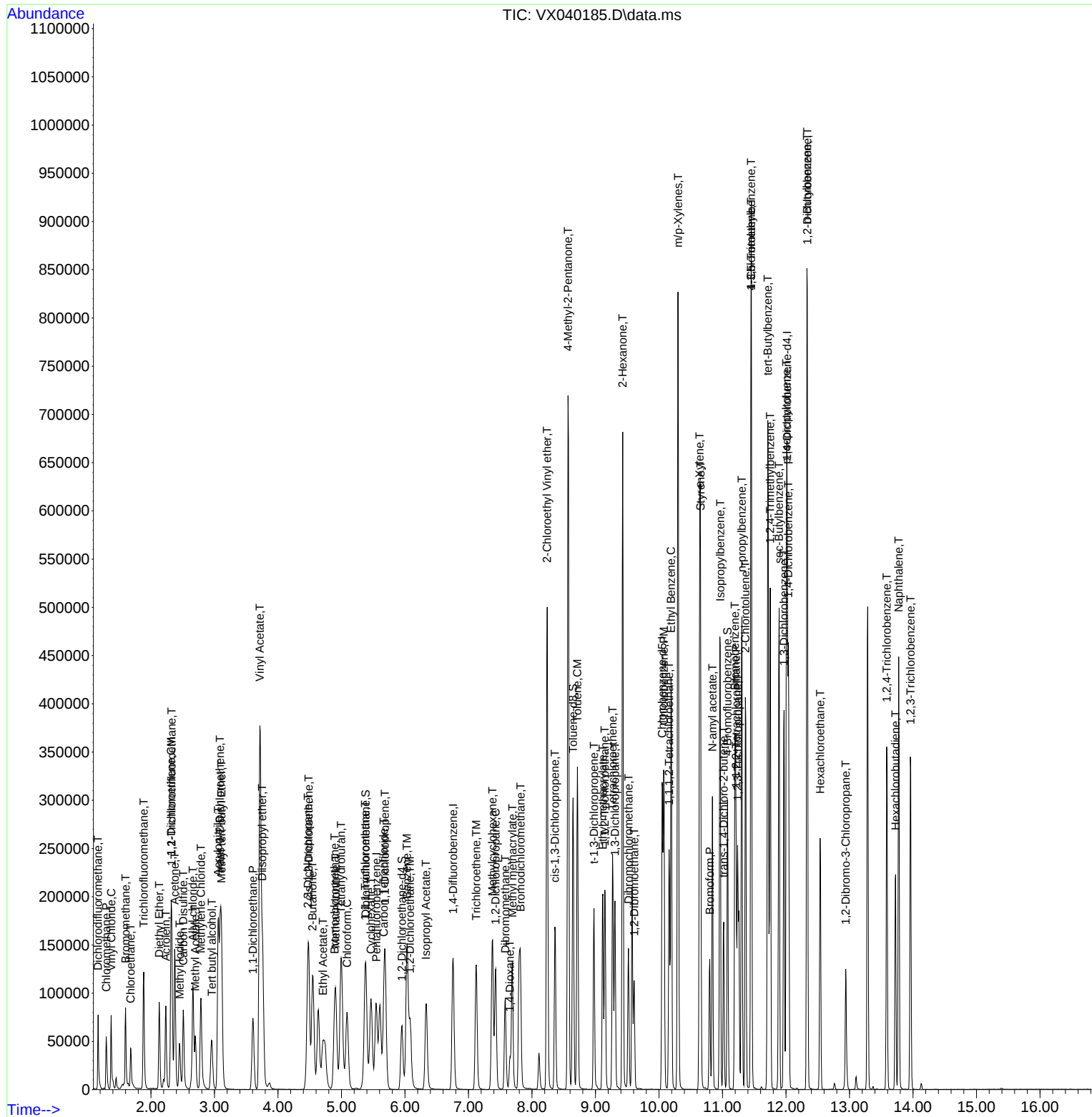
Quant Time: Feb 12 14:20:55 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020924W.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 12 00:21:14 2024  
Response via : Initial Calibration

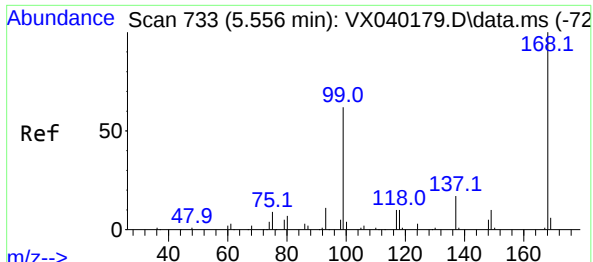
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

**Instrument :**  
MSVOA\_X  
**ClientSampleId :**  
VSTDCCC050

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MSVOA\_X  
**ClientSampleId :**  
VSTDCCC050

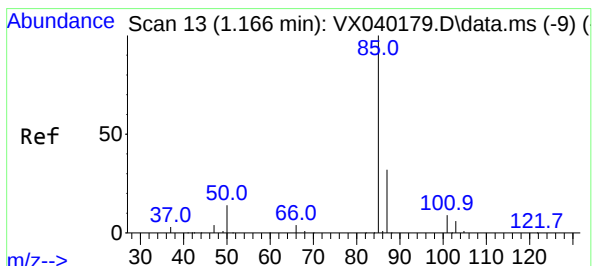
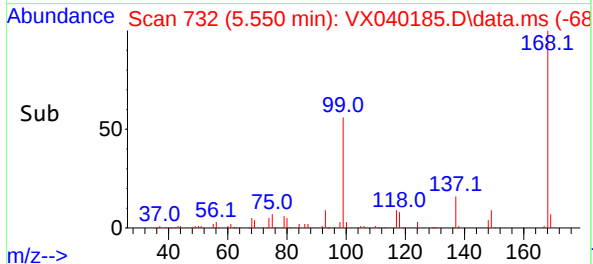
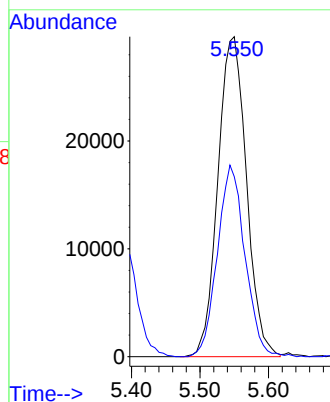
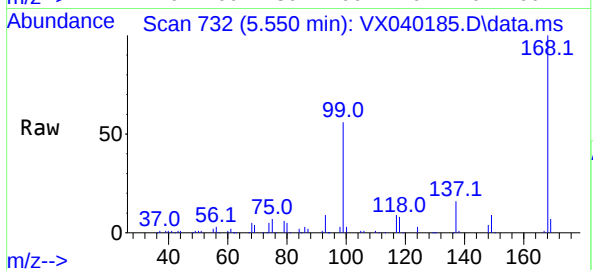




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

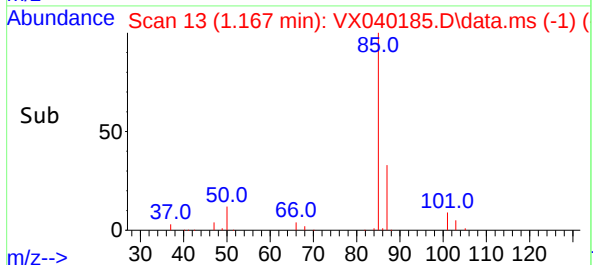
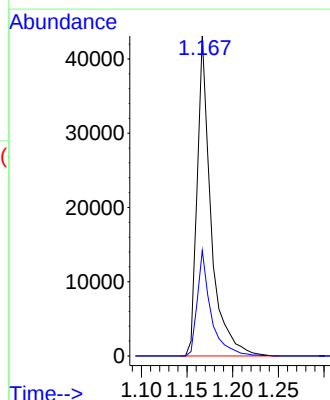
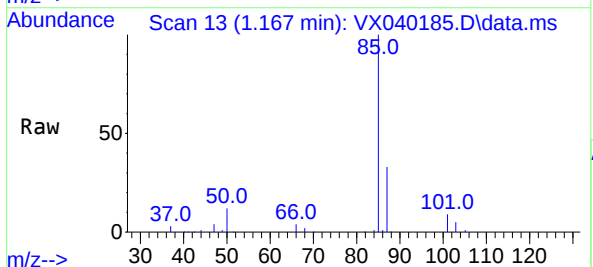
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:168 Resp: 85864  
Ion Ratio Lower Upper  
168 100  
99 56.3 56.6 85.0#

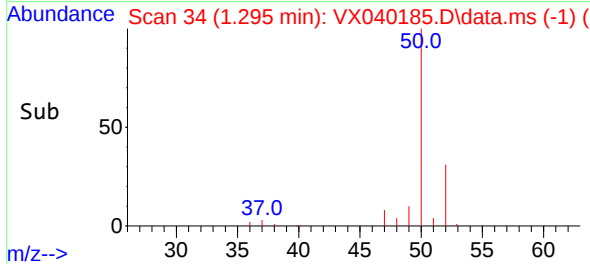
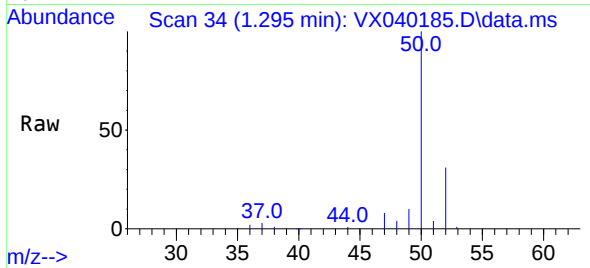
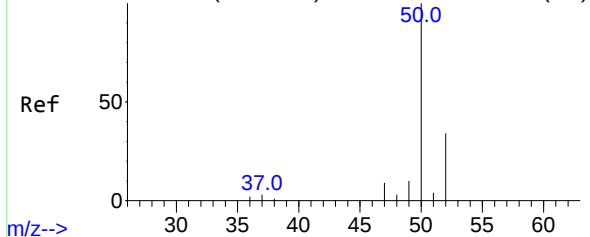


#2  
Dichlorodifluoromethane  
Concen: 46.717 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 85 Resp: 45311  
Ion Ratio Lower Upper  
85 100  
87 33.0 16.7 50.1



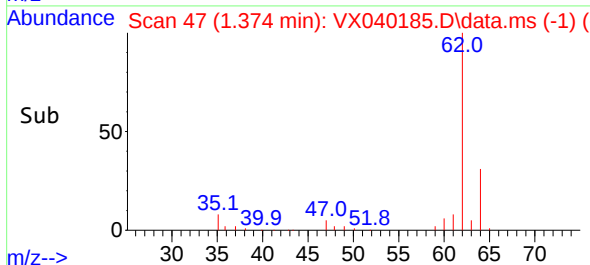
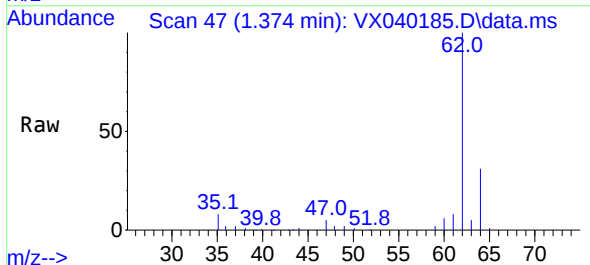
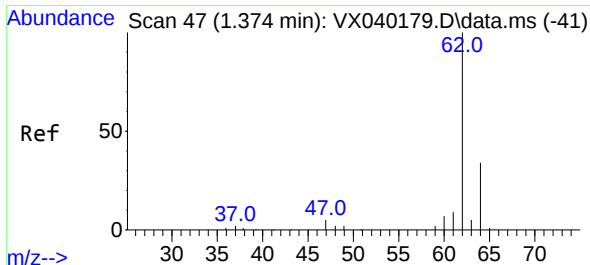
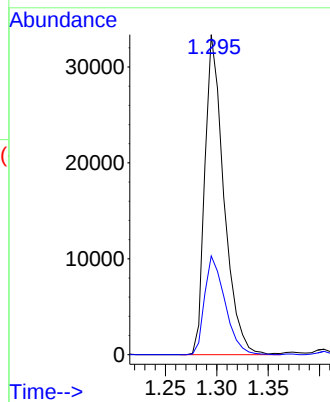
Abundance Scan 34 (1.294 min): VX040179.D\data.ms (-29)



#3  
Chloromethane  
Concen: 43.034 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

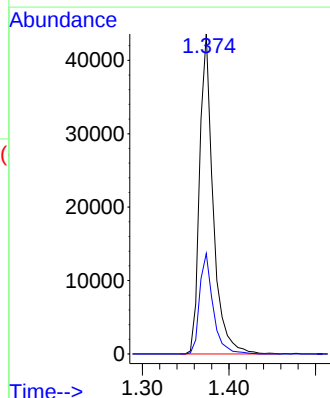
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

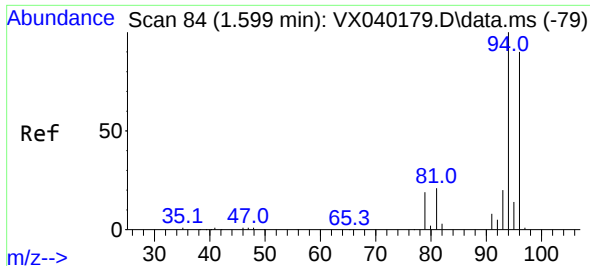
Tgt Ion: 50 Resp: 43041  
Ion Ratio Lower Upper  
50 100  
52 30.8 25.5 38.3



#4  
Vinyl Chloride  
Concen: 44.640 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 62 Resp: 47182  
Ion Ratio Lower Upper  
62 100  
64 31.4 25.4 38.0

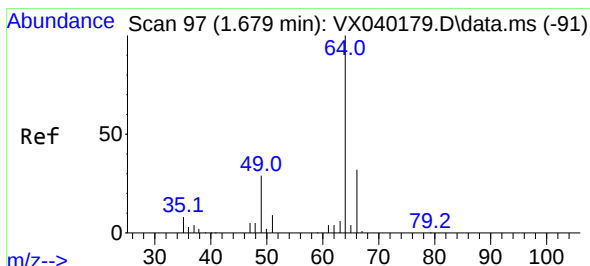
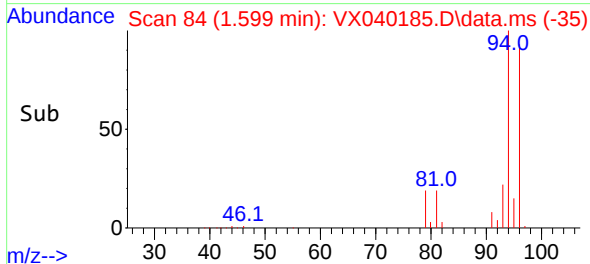
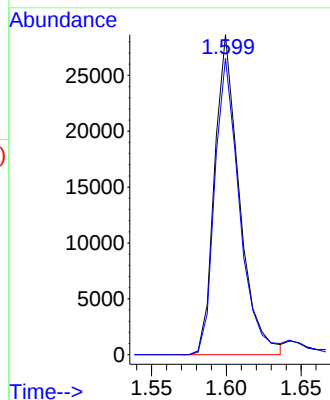
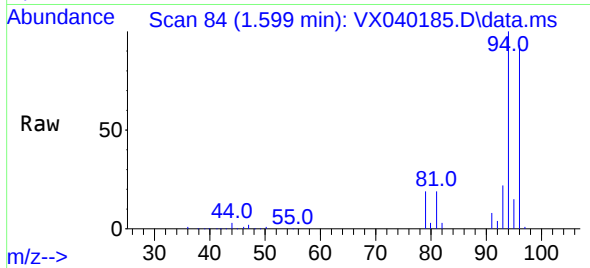




#5  
Bromomethane  
Concen: 55.266 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

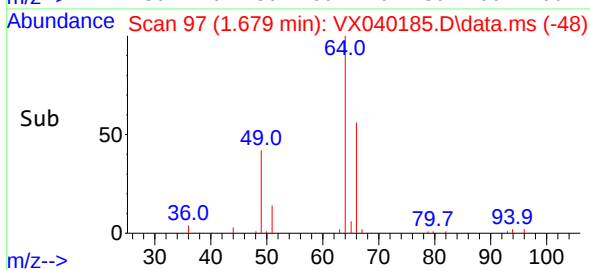
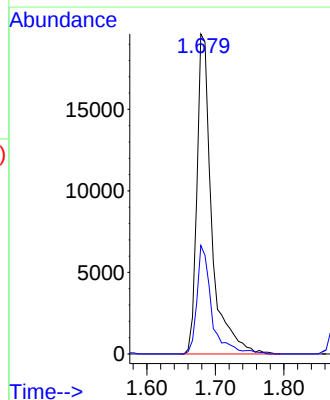
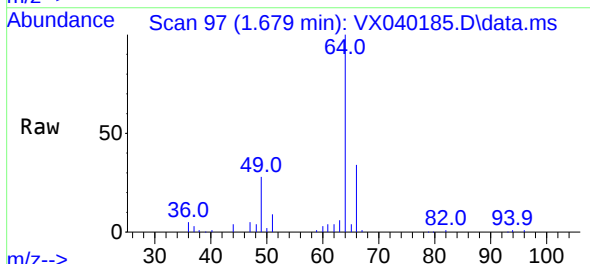
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

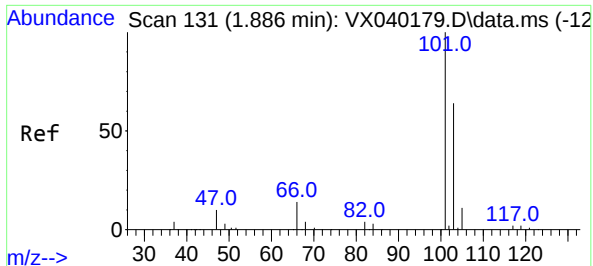
Tgt Ion: 94 Resp: 32963  
Ion Ratio Lower Upper  
94 100  
96 92.7 74.6 111.8



#6  
Chloroethane  
Concen: 44.225 ug/l  
RT: 1.679 min Scan# 97  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 64 Resp: 29480  
Ion Ratio Lower Upper  
64 100  
66 33.9 25.1 37.7

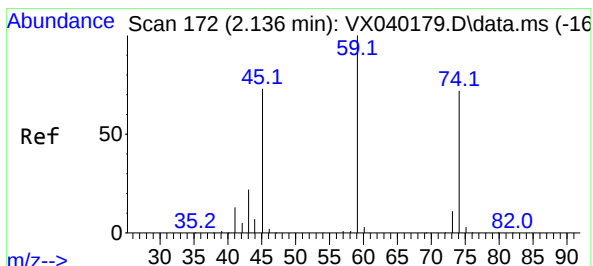
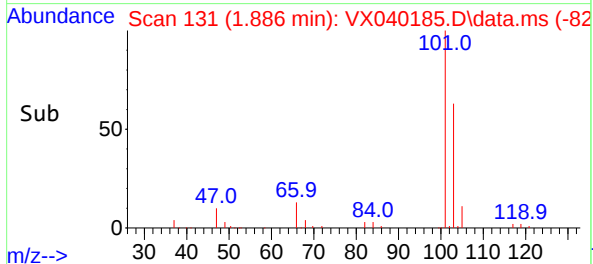
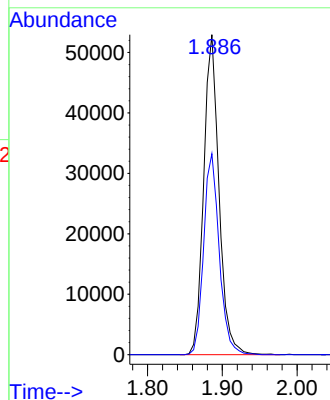
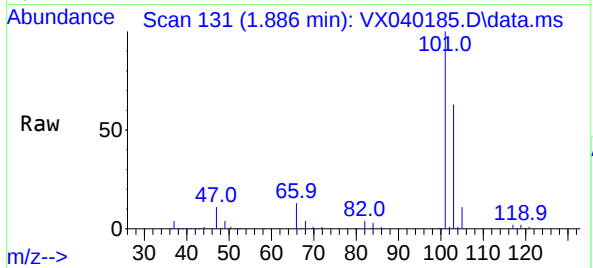




#7  
Trichlorofluoromethane  
Concen: 44.320 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

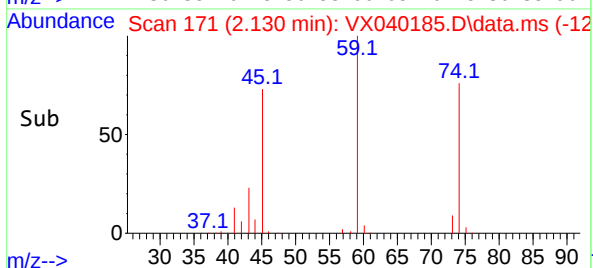
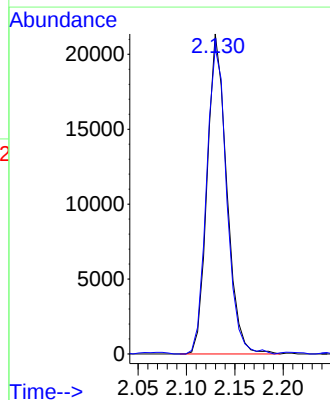
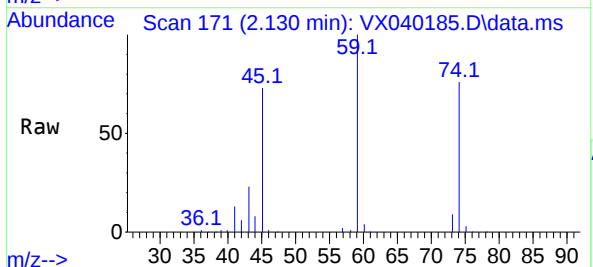
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

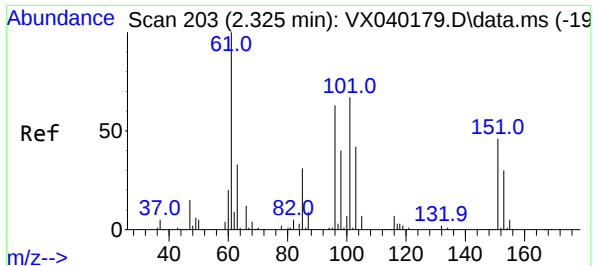
Tgt Ion:101 Resp: 75228  
Ion Ratio Lower Upper  
101 100  
103 62.8 51.4 77.2



#8  
Diethyl Ether  
Concen: 47.128 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 74 Resp: 30050  
Ion Ratio Lower Upper  
74 100  
45 99.2 53.3 159.8

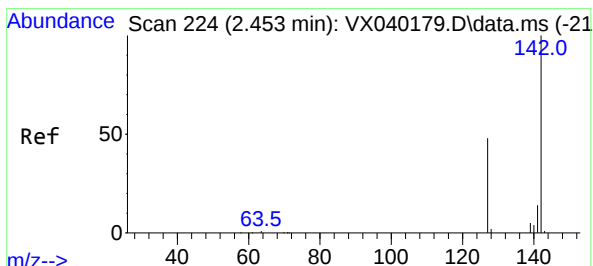
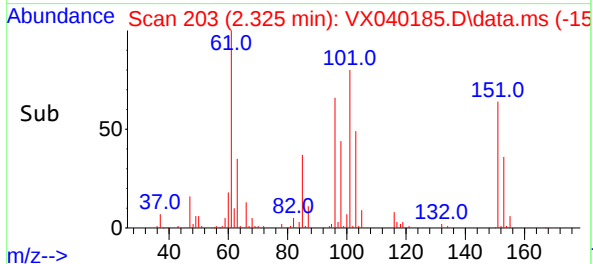
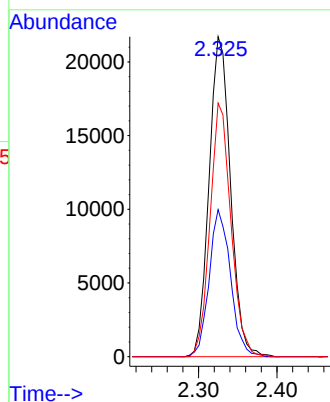
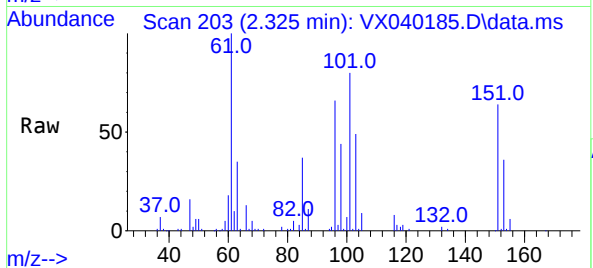




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 45.286 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

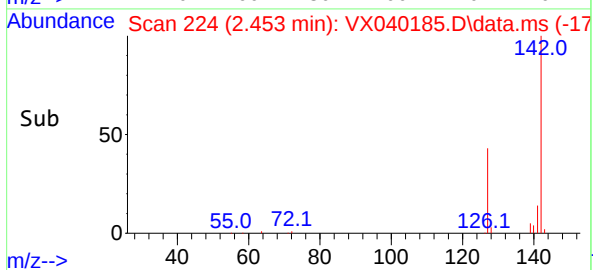
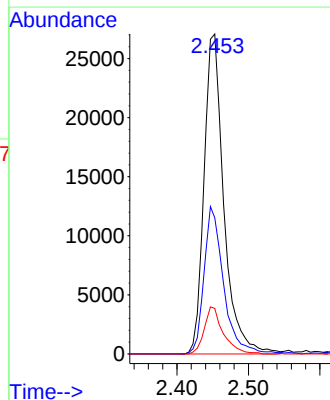
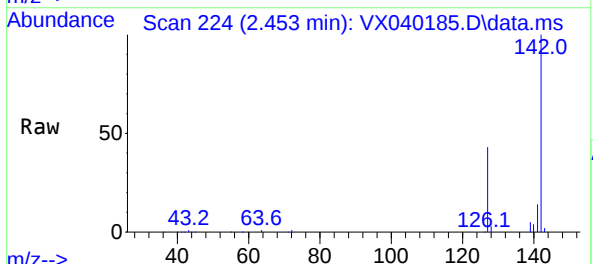
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

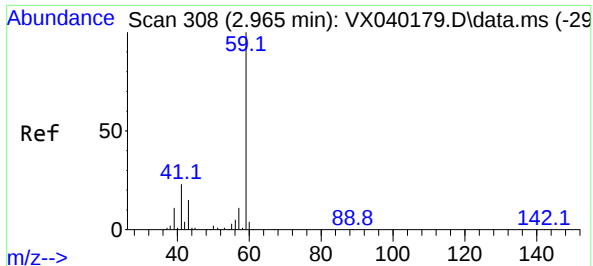
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 41232 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 45.7  | 37.0  | 55.6  |
| 151      | 77.5  | 58.6  | 87.8  |



#10  
Methyl Iodide  
Concen: 51.558 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 52116 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 45.7  | 41.6  | 62.4  |
| 141      | 14.1  | 11.6  | 17.4  |





#11

Tert butyl alcohol

Concen: 258.534 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX040185.D

Acq: 12 Feb 2024 09:32

Instrument :

MSVOA\_X

ClientSampleId :

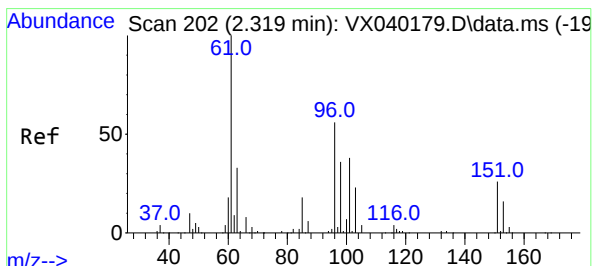
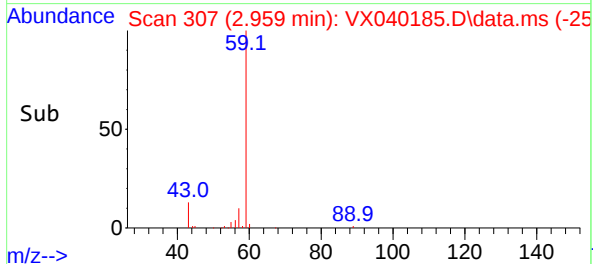
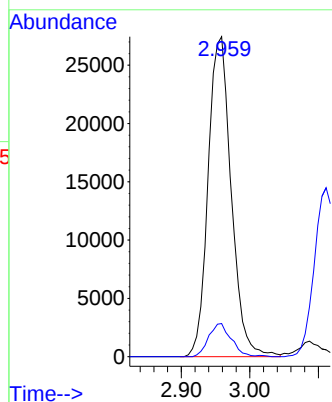
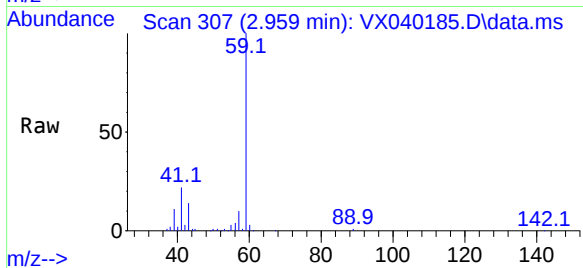
VSTDCCC050

Tgt Ion: 59 Resp: 64328

Ion Ratio Lower Upper

59 100

57 10.1 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 44.058 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX040185.D

Acq: 12 Feb 2024 09:32

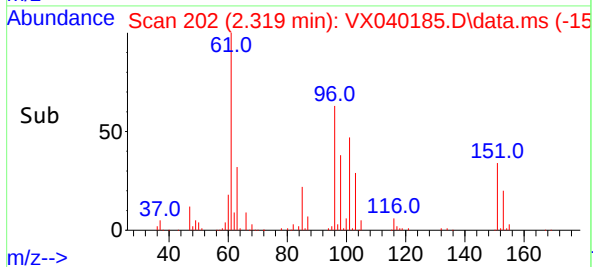
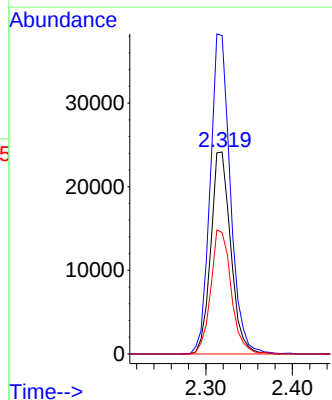
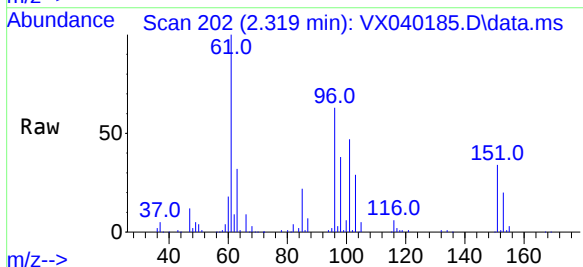
Tgt Ion: 96 Resp: 38623

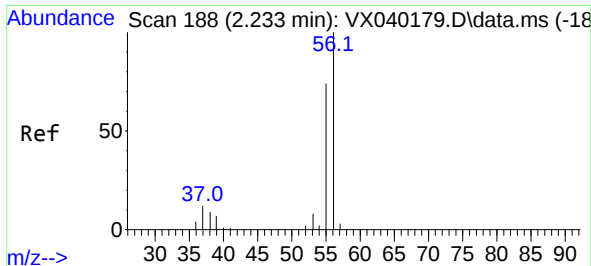
Ion Ratio Lower Upper

96 100

61 157.7 144.6 216.8

98 60.2 50.4 75.6

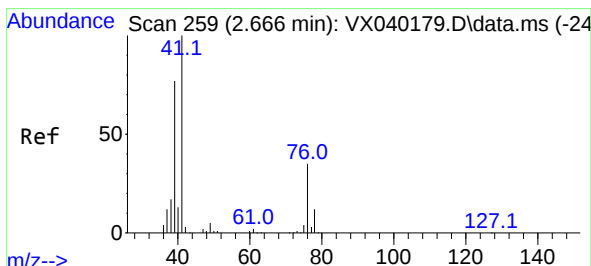
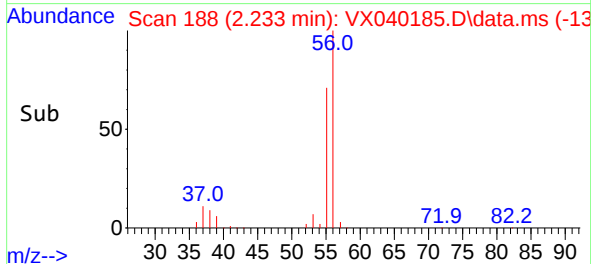
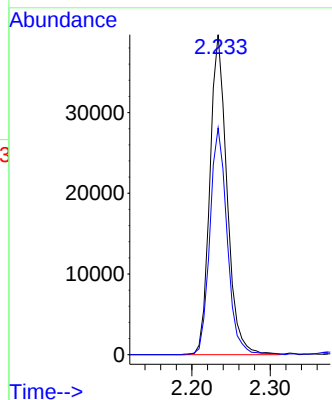
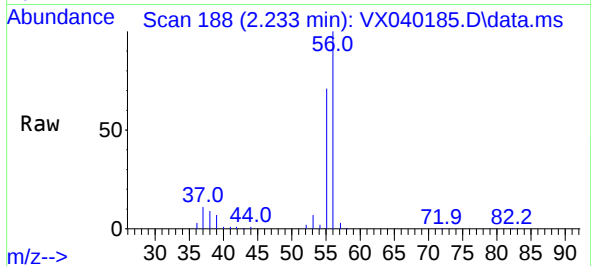




#13  
Acrolein  
Concen: 261.767 ug/l  
RT: 2.233 min Scan# 118  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

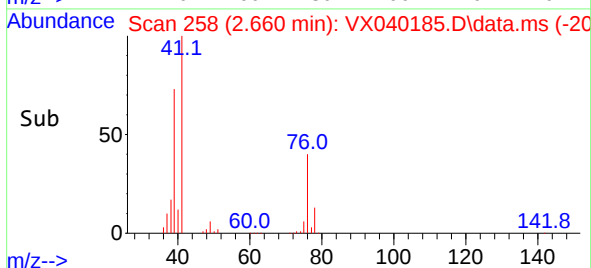
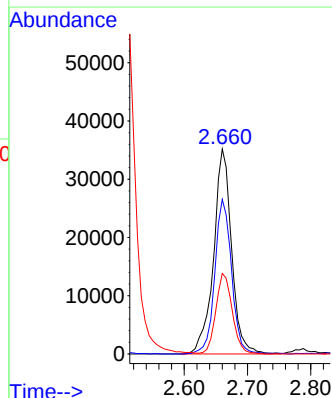
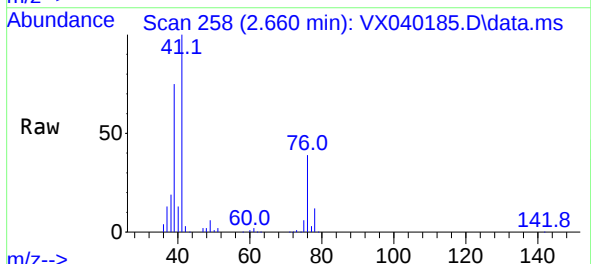
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

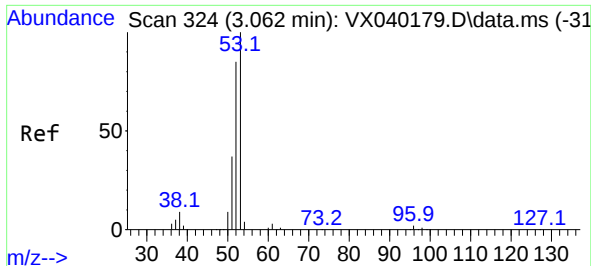
Tgt Ion: 56 Resp: 60118  
Ion Ratio Lower Upper  
56 100  
55 71.5 57.1 85.7



#14  
Allyl chloride  
Concen: 45.783 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 41 Resp: 69650  
Ion Ratio Lower Upper  
41 100  
39 70.2 55.8 83.6  
76 35.7 24.3 36.5

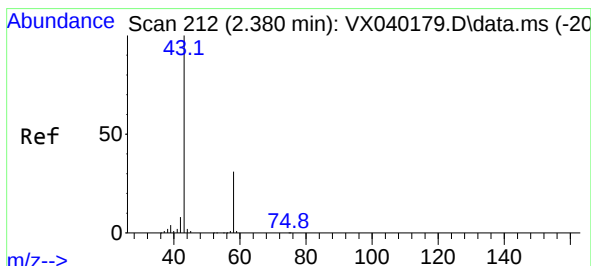
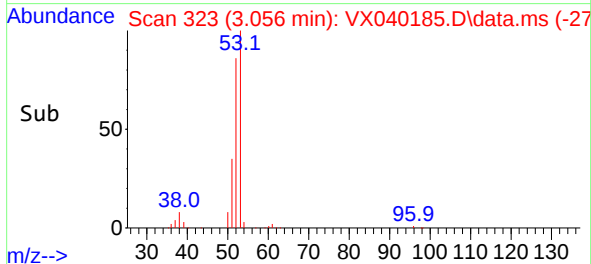
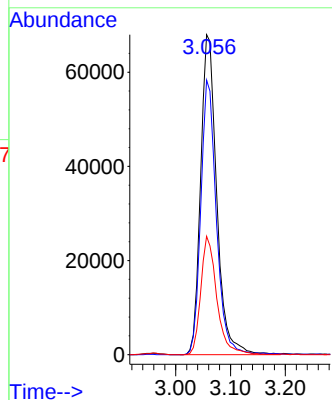
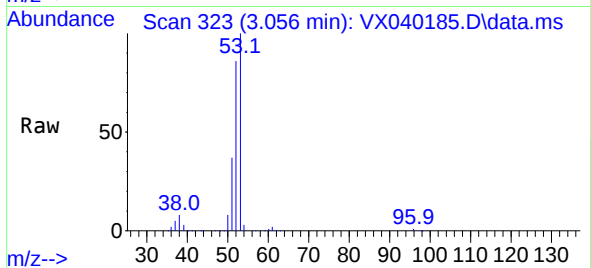




#15  
Acrylonitrile  
Concen: 249.435 ug/l  
RT: 3.056 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

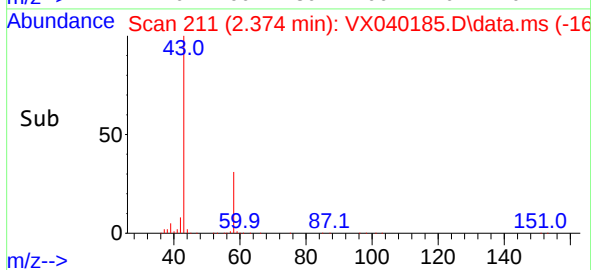
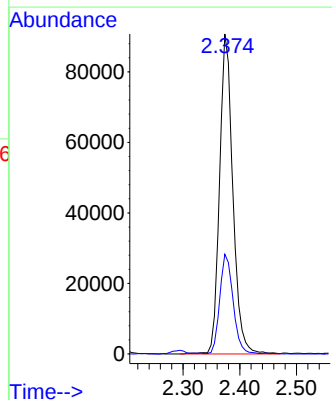
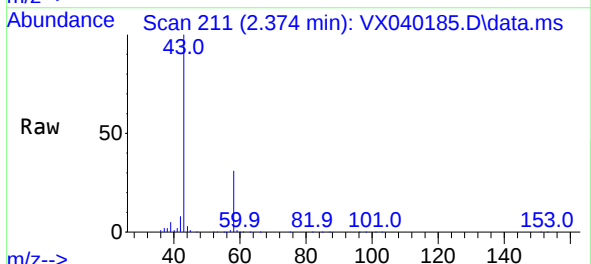
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

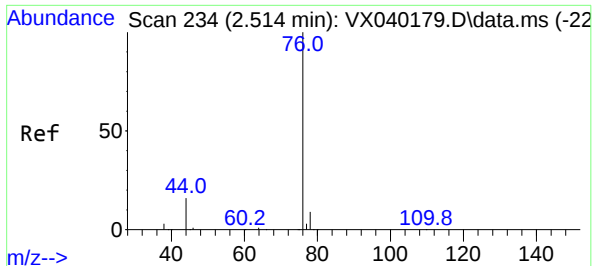
Tgt Ion: 53 Resp: 138867  
Ion Ratio Lower Upper  
53 100  
52 83.1 66.0 99.0  
51 36.9 29.8 44.6



#16  
Acetone  
Concen: 281.843 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 43 Resp: 147866  
Ion Ratio Lower Upper  
43 100  
58 31.1 21.9 32.9

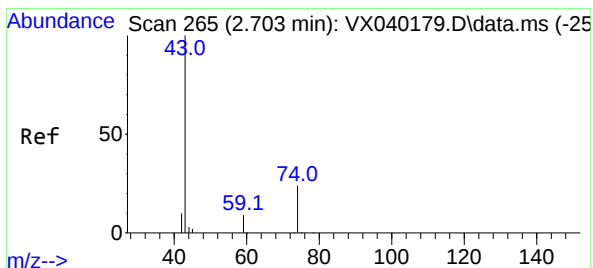
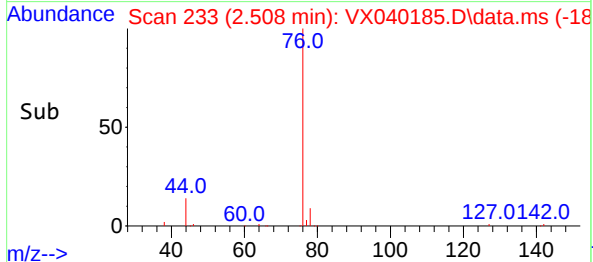
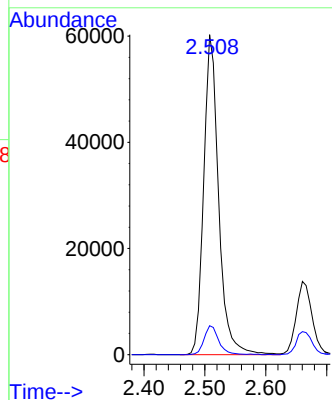
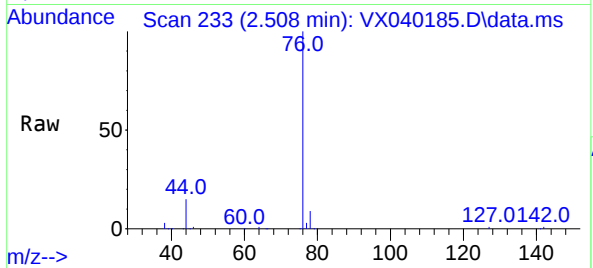




#17  
Carbon Disulfide  
Concen: 44.222 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

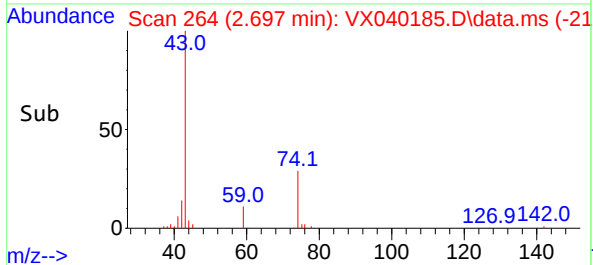
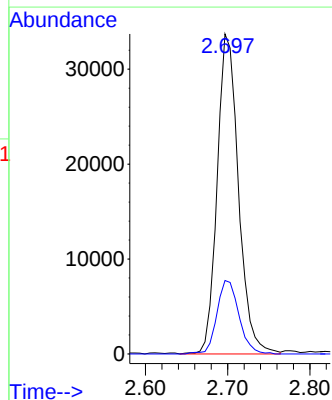
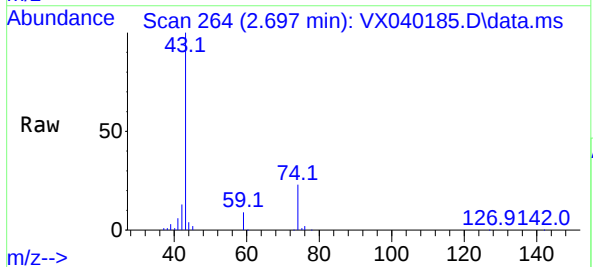
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

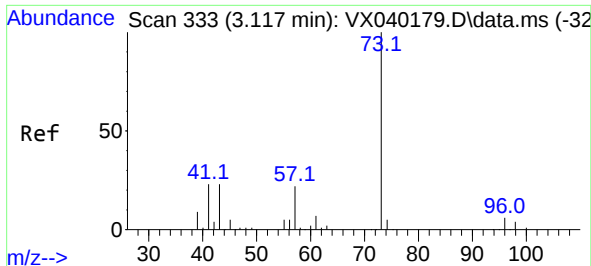
Tgt Ion: 76 Resp: 102346  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.0 10.6



#18  
Methyl Acetate  
Concen: 43.240 ug/l  
RT: 2.697 min Scan# 264  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 43 Resp: 60814  
Ion Ratio Lower Upper  
43 100  
74 23.7 17.8 26.8

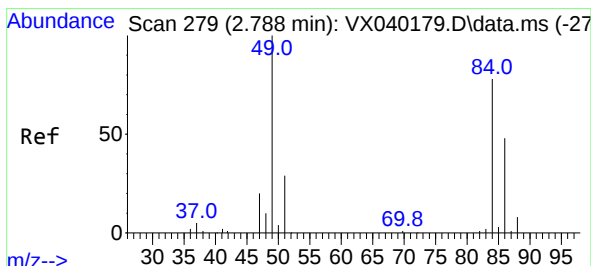
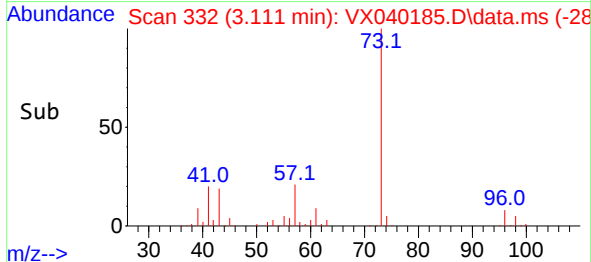
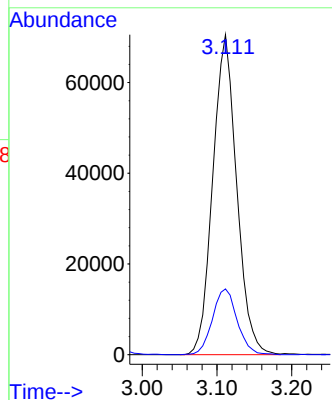
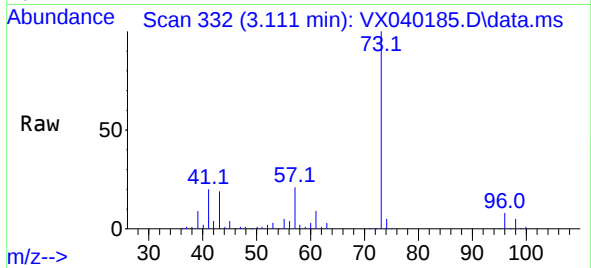




#19  
Methyl tert-butyl Ether  
Concen: 50.779 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

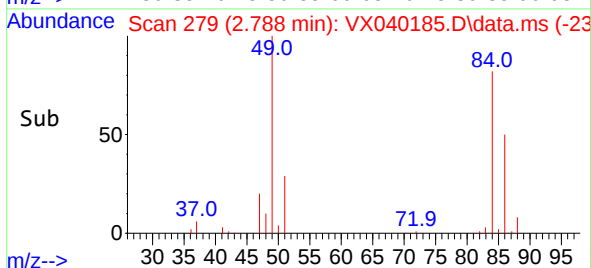
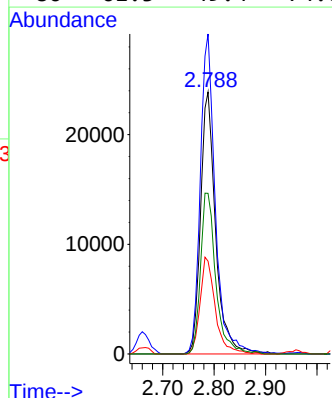
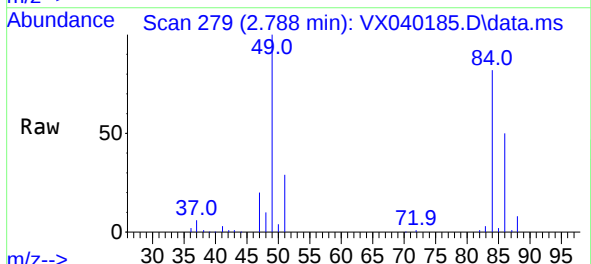
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

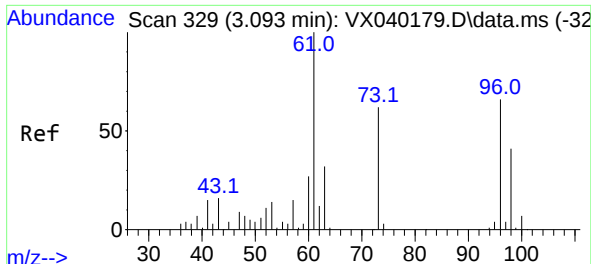
Tgt Ion: 73 Resp: 156824  
Ion Ratio Lower Upper  
73 100  
57 20.5 17.3 25.9



#20  
Methylene Chloride  
Concen: 49.406 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 84 Resp: 48611  
Ion Ratio Lower Upper  
84 100  
49 122.2 103.6 155.4  
51 35.4 33.8 50.6  
86 61.3 49.4 74.0

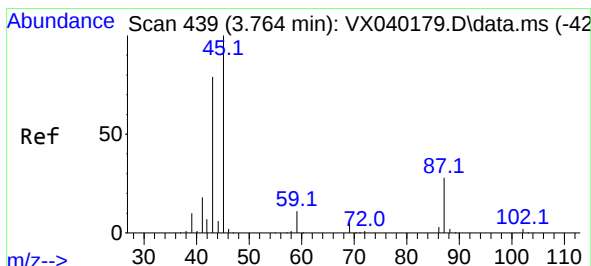
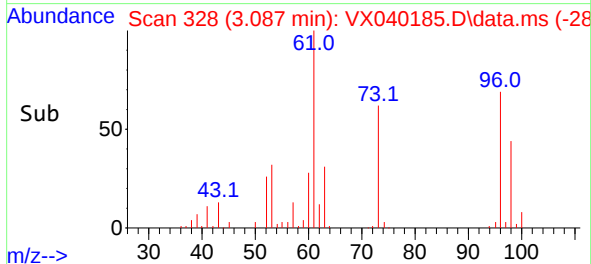
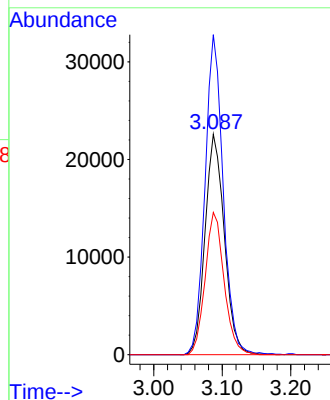
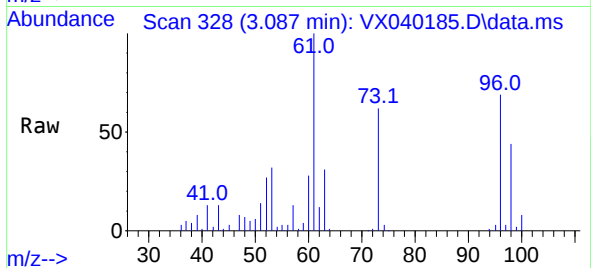




#21  
trans-1,2-Dichloroethene  
Concen: 44.243 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

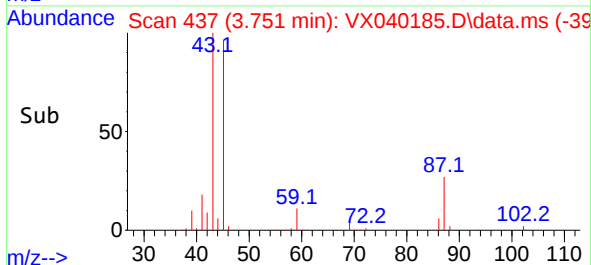
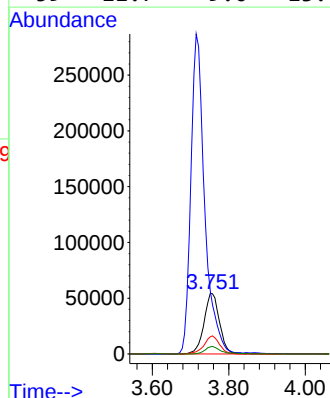
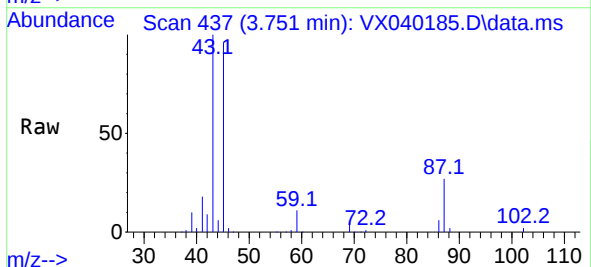
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

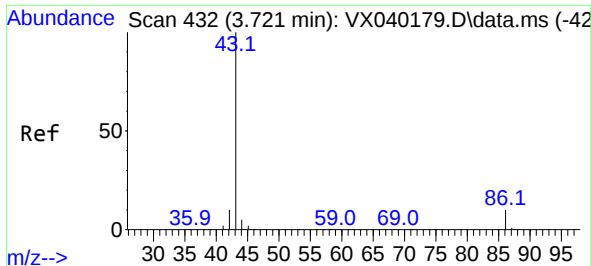
Tgt Ion: 96 Resp: 44172  
Ion Ratio Lower Upper  
96 100  
61 145.1 119.2 178.8  
98 64.5 48.7 73.1



#22  
Diisopropyl ether  
Concen: 49.234 ug/l  
RT: 3.751 min Scan# 437  
Delta R.T. -0.012 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 45 Resp: 151902  
Ion Ratio Lower Upper  
45 100  
43 103.7 69.7 104.5  
87 28.4 20.8 31.2  
59 11.7 9.0 13.4

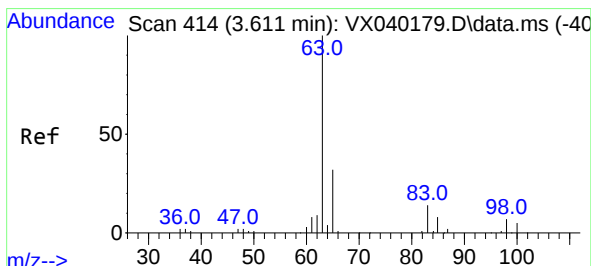
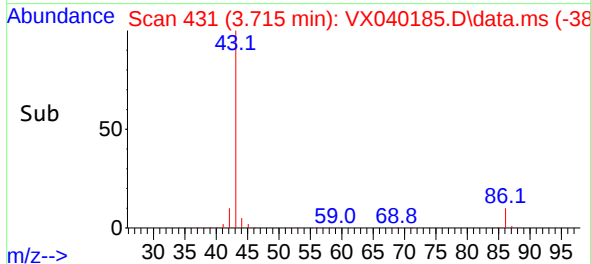
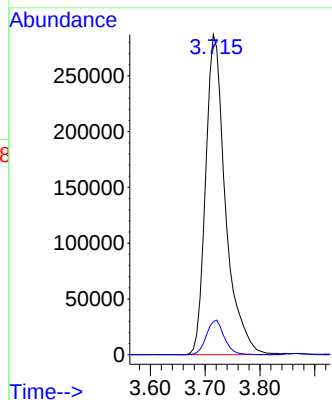
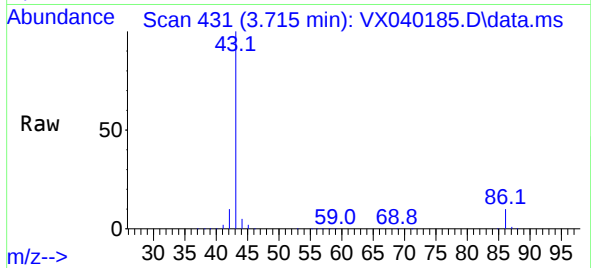




#23  
 Vinyl Acetate  
 Concen: 262.505 ug/l  
 RT: 3.715 min Scan# 41  
 Delta R.T. -0.006 min  
 Lab File: VX040185.D  
 Acq: 12 Feb 2024 09:32

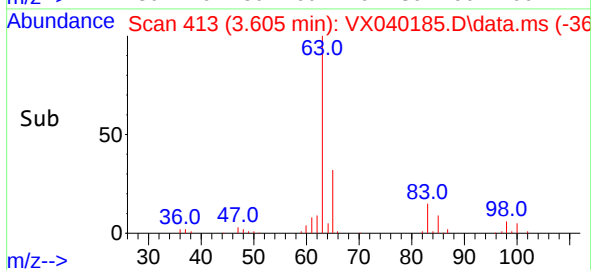
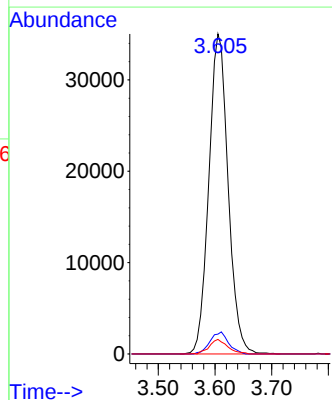
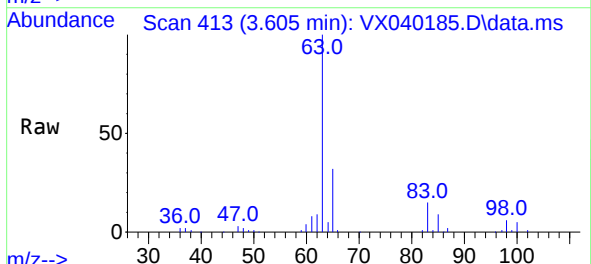
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

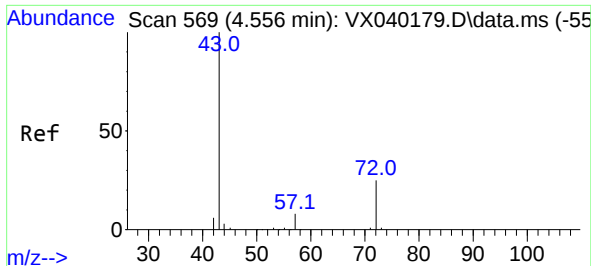
Tgt Ion: 43 Resp: 722004  
 Ion Ratio Lower Upper  
 43 100  
 86 10.3 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 46.099 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX040185.D  
 Acq: 12 Feb 2024 09:32

Tgt Ion: 63 Resp: 82850  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.3 9.8  
 100 4.5 2.1 6.5

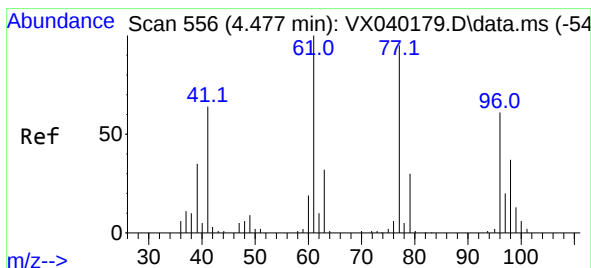
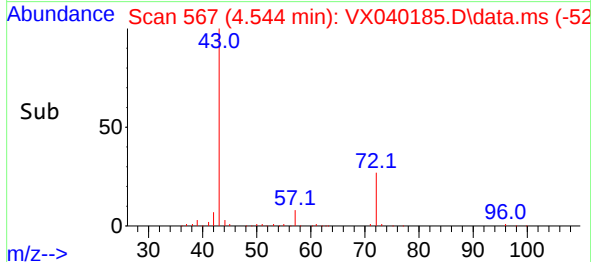
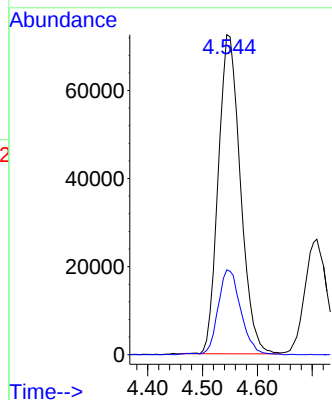
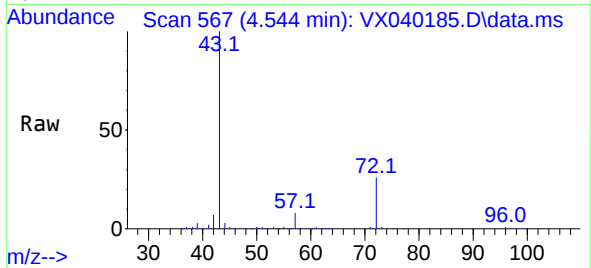




#25  
2-Butanone  
Concen: 248.205 ug/l  
RT: 4.544 min Scan# 50  
Delta R.T. -0.012 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

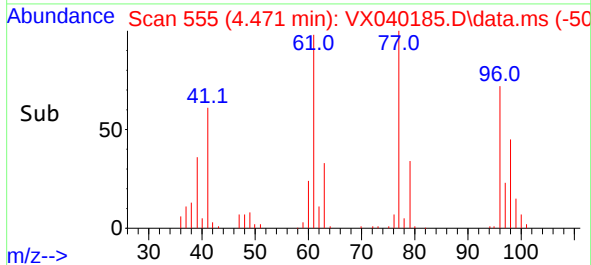
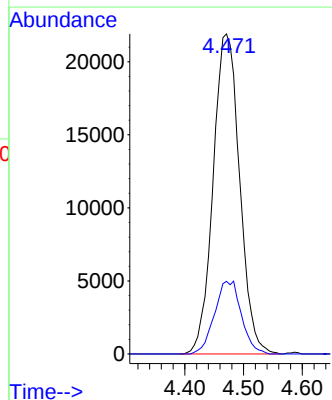
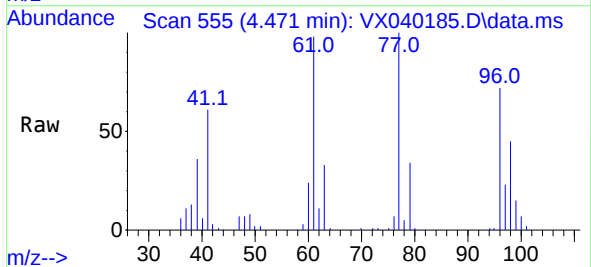
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

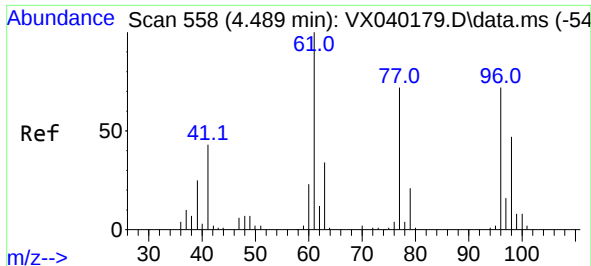
Tgt Ion: 43 Resp: 203549  
Ion Ratio Lower Upper  
43 100  
72 26.4 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 49.617 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 77 Resp: 68644  
Ion Ratio Lower Upper  
77 100  
97 23.1 10.8 32.3

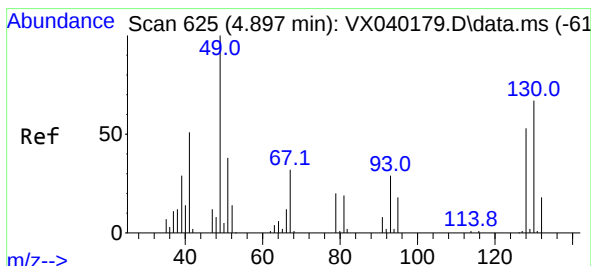
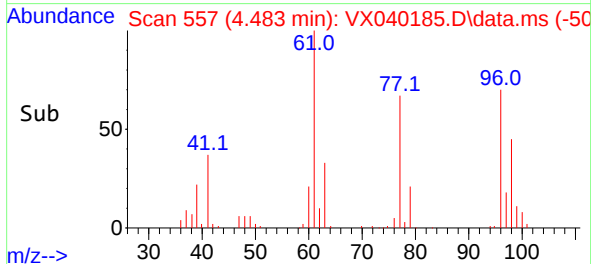
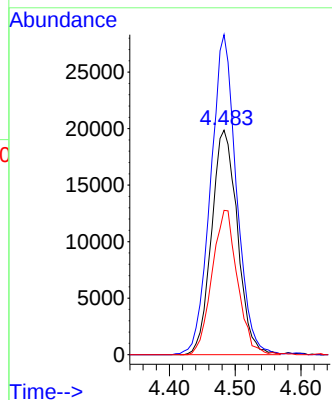
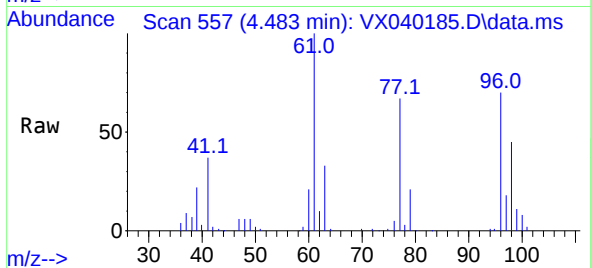




#27  
cis-1,2-Dichloroethene  
Concen: 47.747 ug/l  
RT: 4.483 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

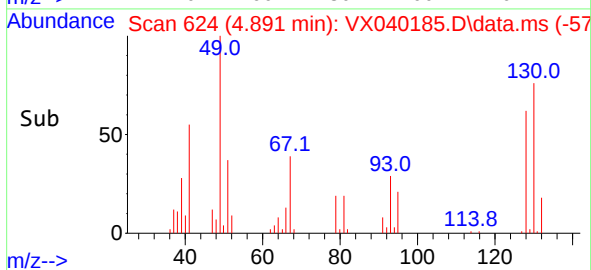
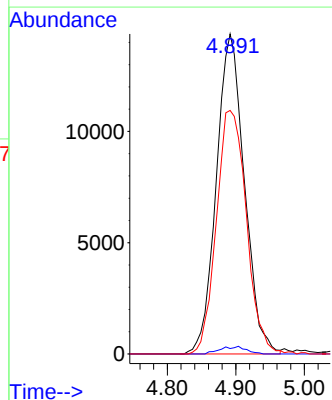
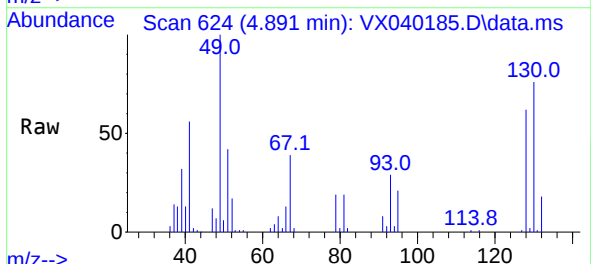
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

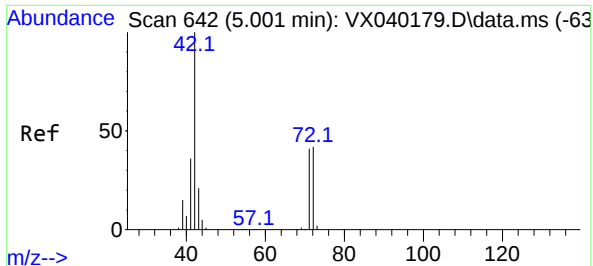
Tgt Ion: 96 Resp: 54382  
Ion Ratio Lower Upper  
96 100  
61 142.4 0.0 312.2  
98 63.4 0.0 129.0



#28  
Bromochloromethane  
Concen: 53.612 ug/l  
RT: 4.891 min Scan# 624  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 49 Resp: 40908  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 3.8  
130 81.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 242.308 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX040185.D

Acq: 12 Feb 2024 09:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

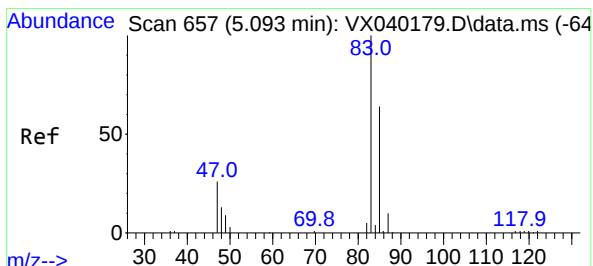
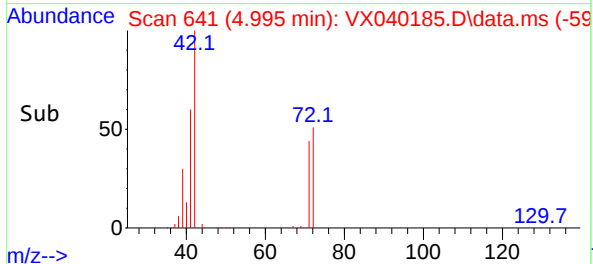
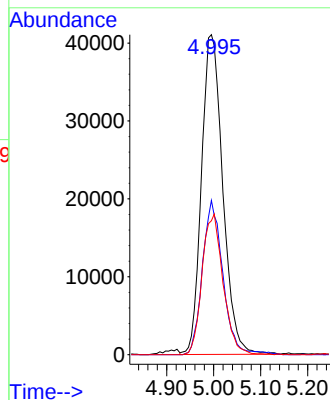
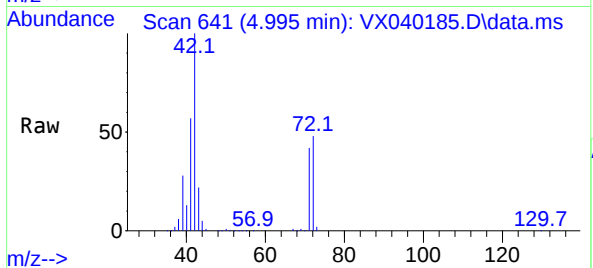
Tgt Ion: 42 Resp: 129460

Ion Ratio Lower Upper

42 100

72 46.3 34.2 51.4

71 43.3 32.2 48.2



#30

Chloroform

Concen: 47.606 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX040185.D

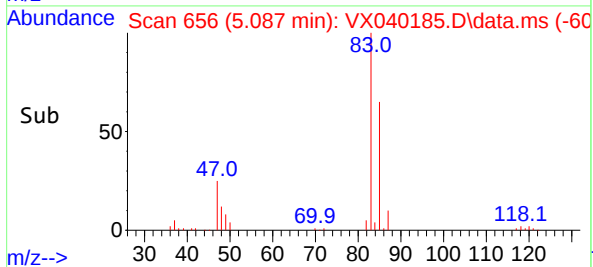
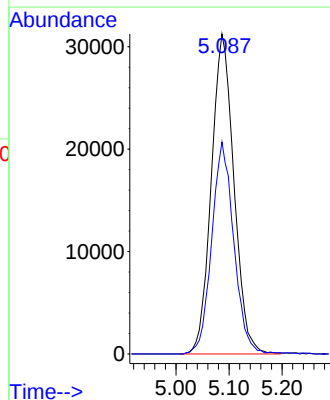
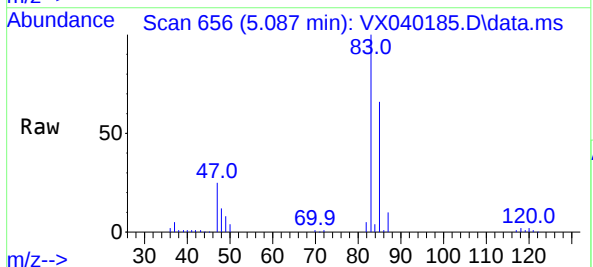
Acq: 12 Feb 2024 09:32

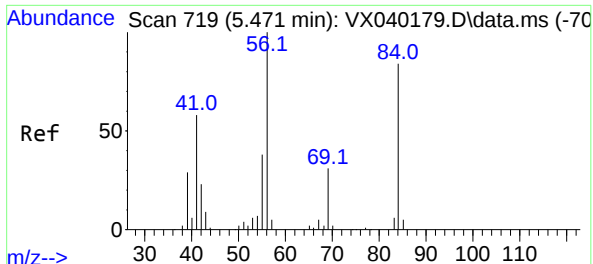
Tgt Ion: 83 Resp: 92503

Ion Ratio Lower Upper

83 100

85 66.3 50.3 75.5

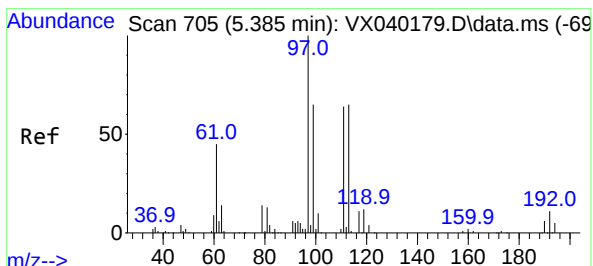
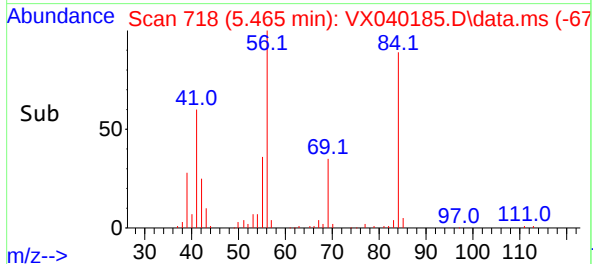
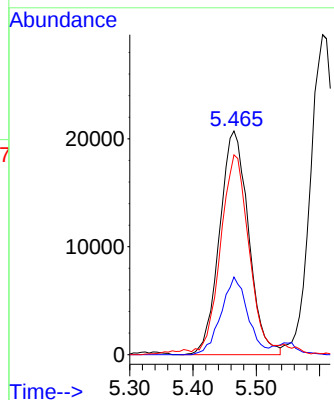
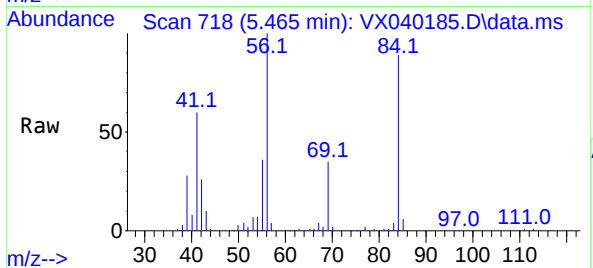




#31  
Cyclohexane  
Concen: 43.282 ug/l  
RT: 5.465 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

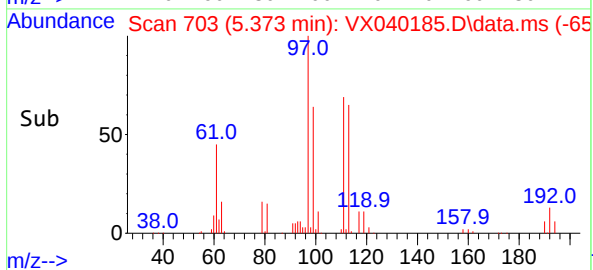
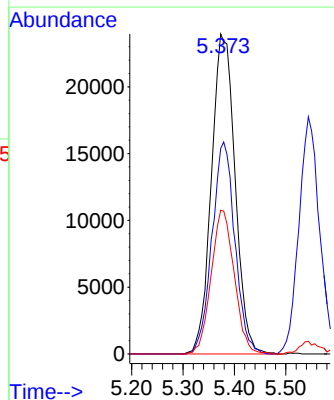
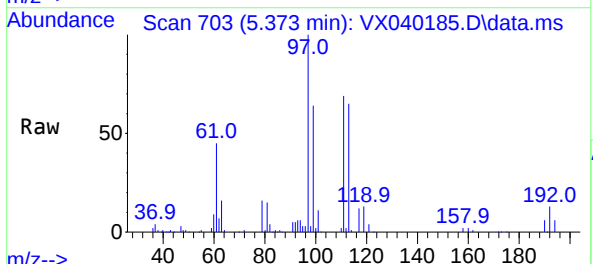
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

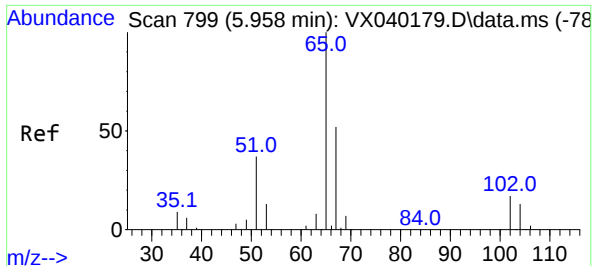
Tgt Ion: 56 Resp: 65946  
Ion Ratio Lower Upper  
56 100  
69 34.7 23.4 35.2  
84 87.9 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 46.803 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.012 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 97 Resp: 76508  
Ion Ratio Lower Upper  
97 100  
99 64.2 51.1 76.7  
61 43.9 36.4 54.6

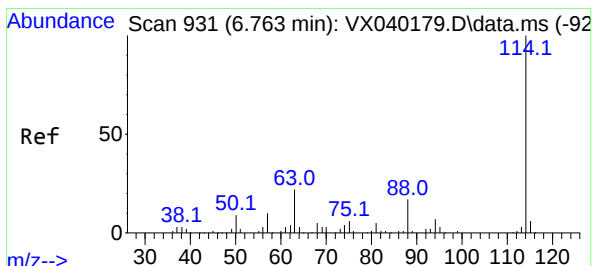
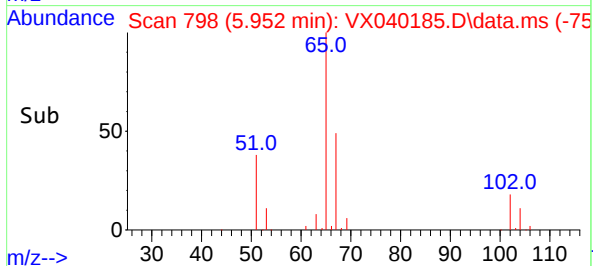
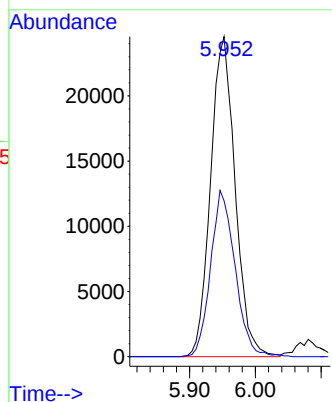
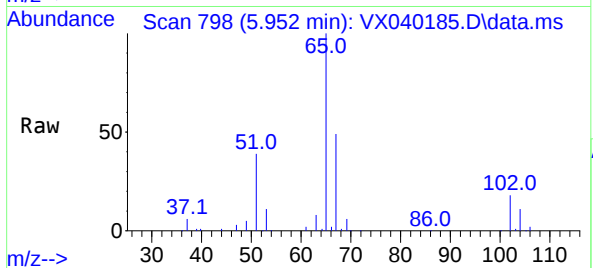




#33  
1,2-Dichloroethane-d4  
Concen: 49.991 ug/l  
RT: 5.952 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

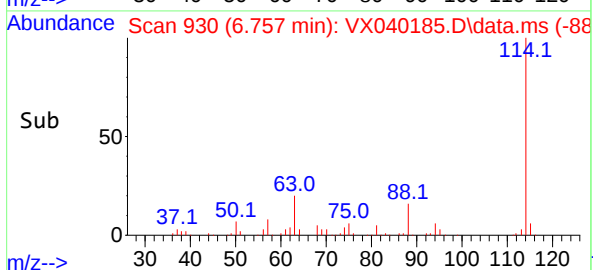
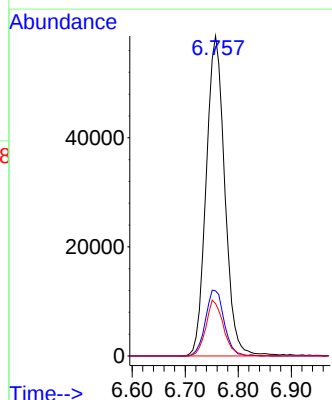
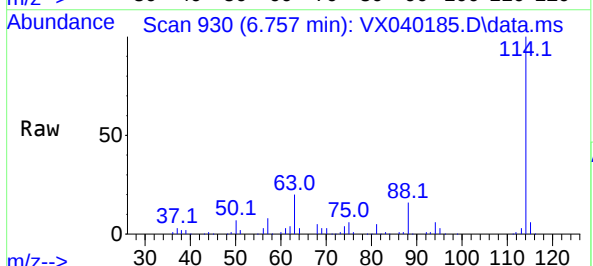
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

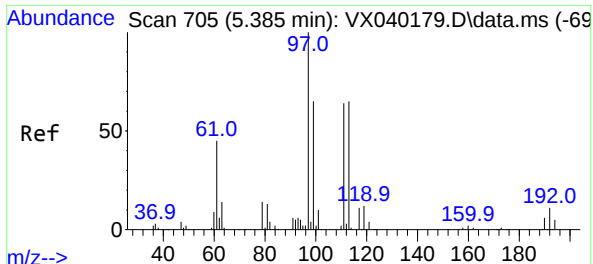
Tgt Ion: 65 Resp: 63858  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 100.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 114 Resp: 142941  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 45.0  
88 16.3 0.0 36.6

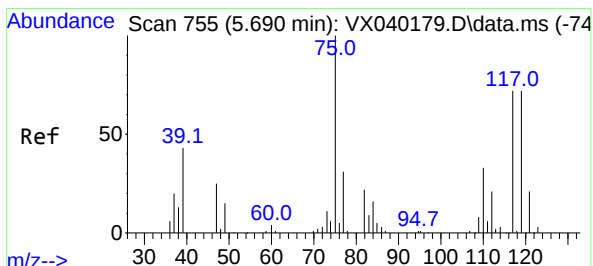
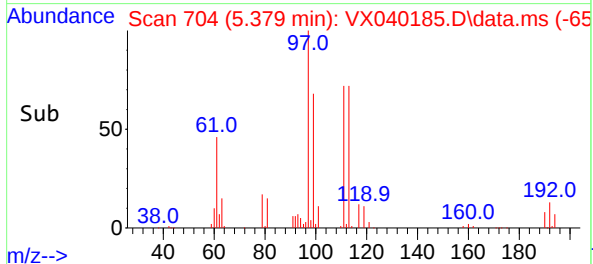
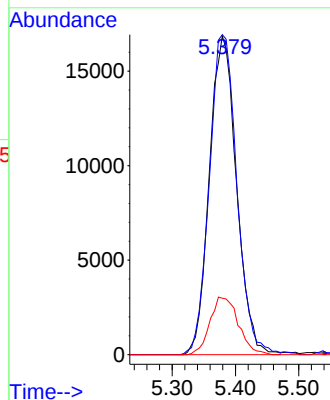
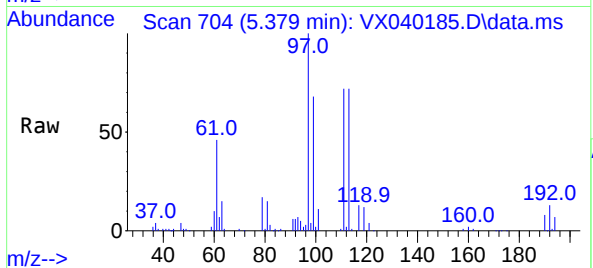




#35  
Dibromofluoromethane  
Concen: 50.254 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

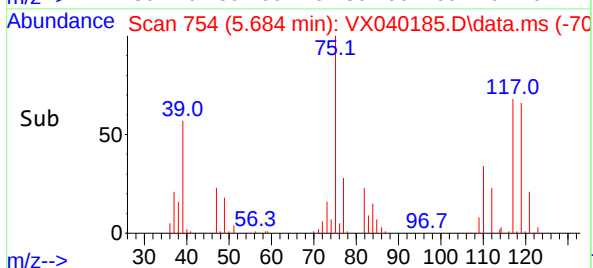
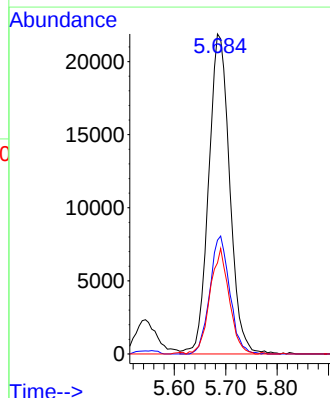
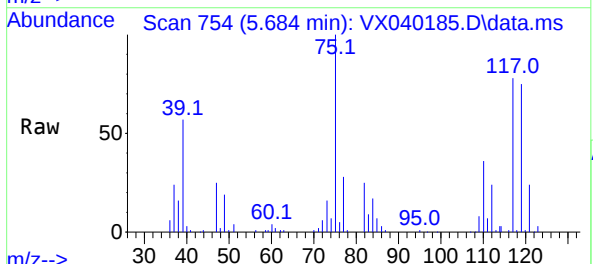
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

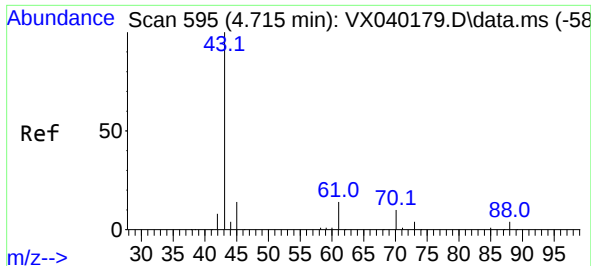
Tgt Ion:113 Resp: 50165  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.9 124.3  
192 18.9 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 44.445 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. -0.012 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 75 Resp: 62149  
Ion Ratio Lower Upper  
75 100  
110 34.9 17.0 50.9  
77 30.2 24.7 37.1





#37

Ethyl Acetate

Concen: 49.321 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.012 min

Lab File: VX040185.D

Acq: 12 Feb 2024 09:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

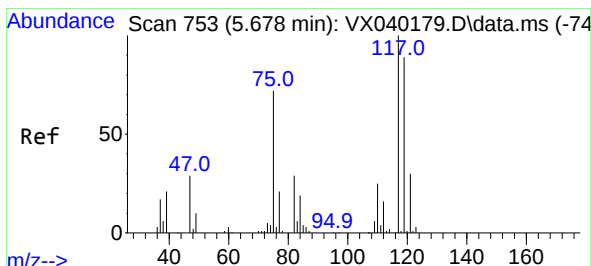
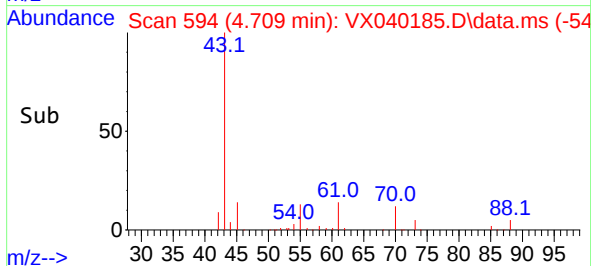
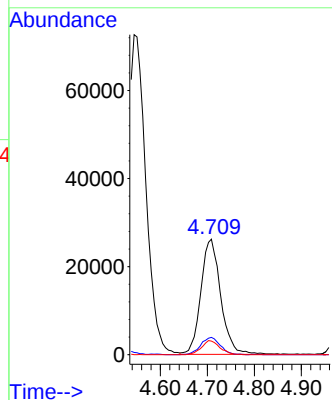
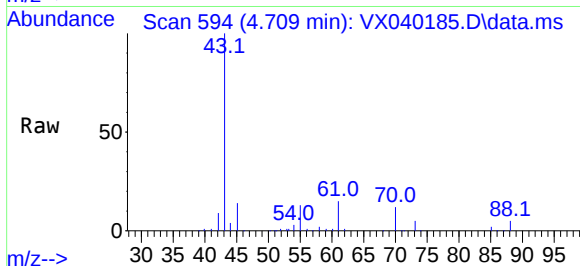
Tgt Ion: 43 Resp: 76740

Ion Ratio Lower Upper

43 100

61 14.7 10.6 16.0

70 11.2 8.3 12.5



#38

Carbon Tetrachloride

Concen: 47.487 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX040185.D

Acq: 12 Feb 2024 09:32

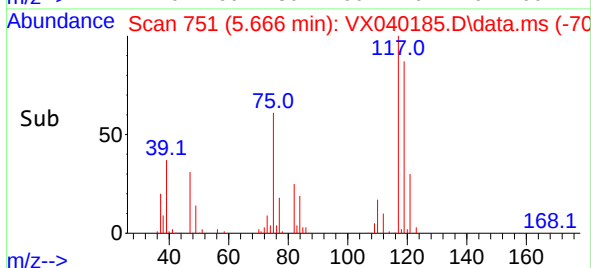
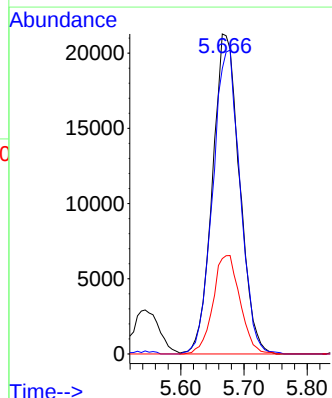
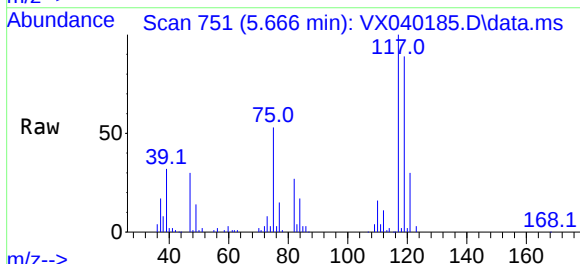
Tgt Ion: 117 Resp: 63136

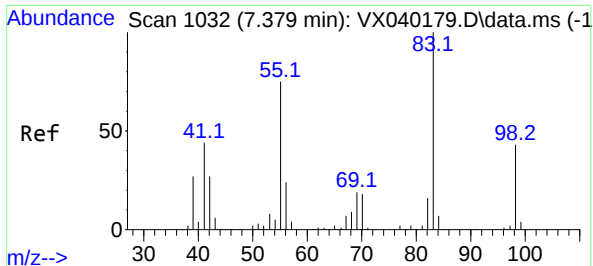
Ion Ratio Lower Upper

117 100

119 89.1 78.2 117.2

121 29.8 24.4 36.6





#39

Methylcyclohexane

Concen: 44.339 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX040185.D

Acq: 12 Feb 2024 09:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

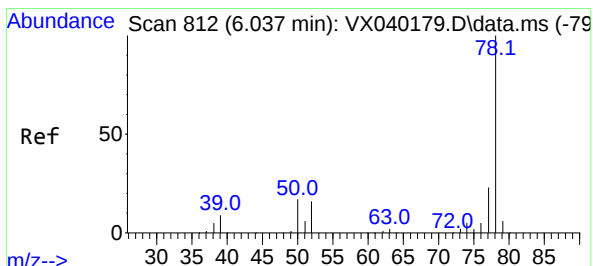
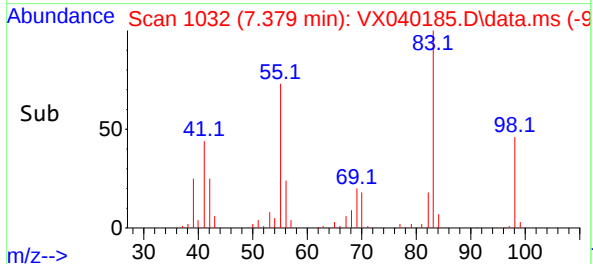
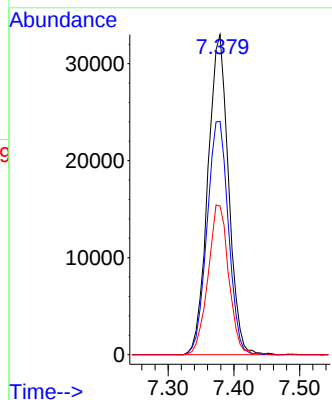
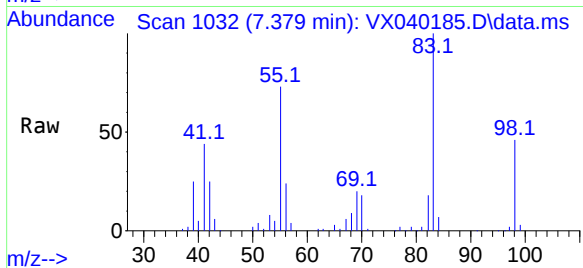
Tgt Ion: 83 Resp: 72053

Ion Ratio Lower Upper

83 100

55 72.9 64.6 97.0

98 46.4 36.7 55.1



#40

Benzene

Concen: 47.310 ug/l

RT: 6.032 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX040185.D

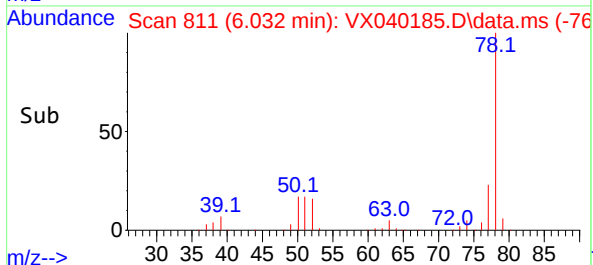
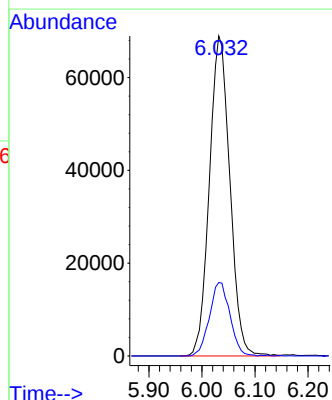
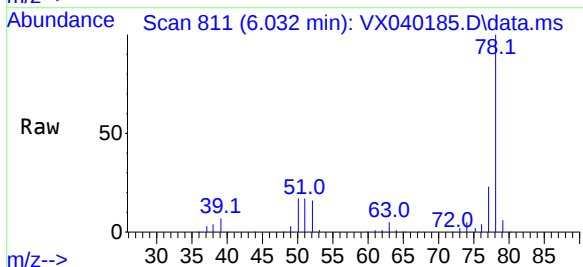
Acq: 12 Feb 2024 09:32

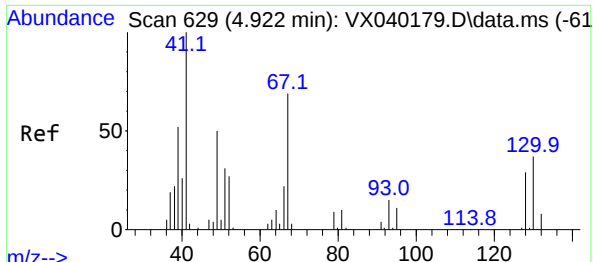
Tgt Ion: 78 Resp: 185002

Ion Ratio Lower Upper

78 100

77 23.0 19.3 28.9



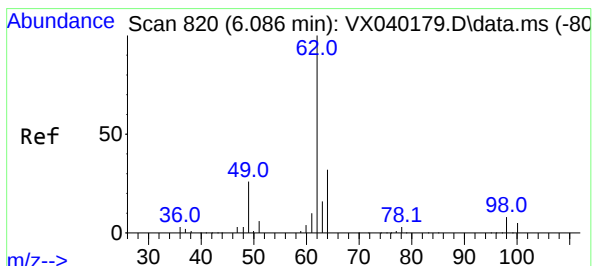
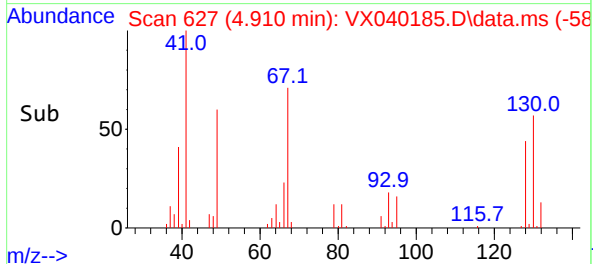
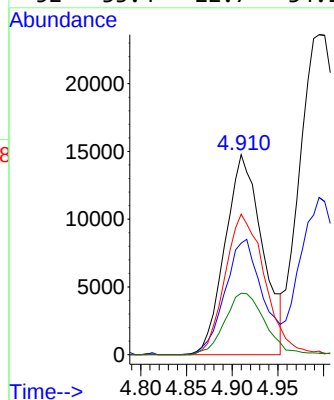
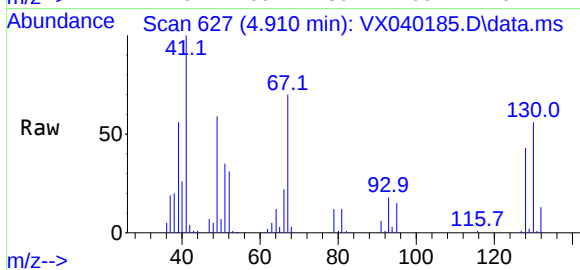


#41  
Methacrylonitrile  
Concen: 51.053 ug/l  
RT: 4.910 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 42110

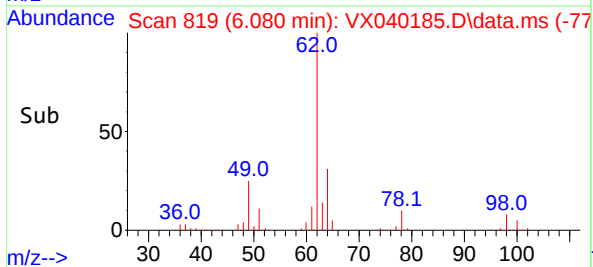
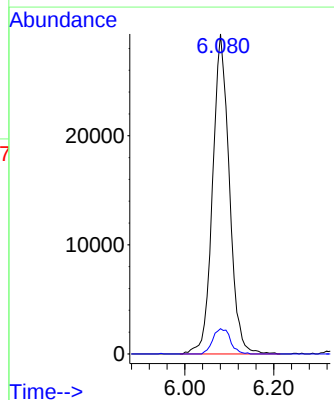
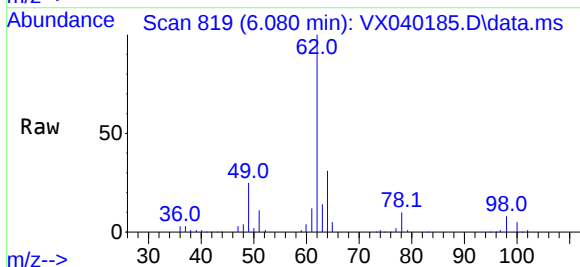
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 57.8  | 45.2  | 67.8  |
| 67  | 74.8  | 52.6  | 78.8  |
| 52  | 33.4  | 22.7  | 34.1  |

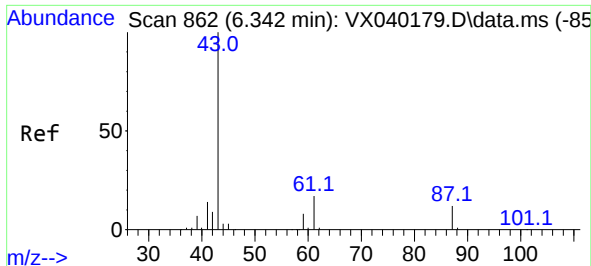


#42  
1,2-Dichloroethane  
Concen: 50.061 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 62 Resp: 76517

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.3   | 0.0   | 16.0  |

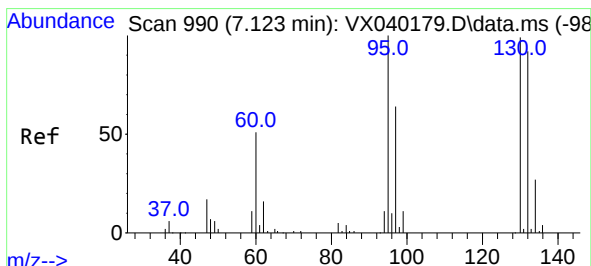
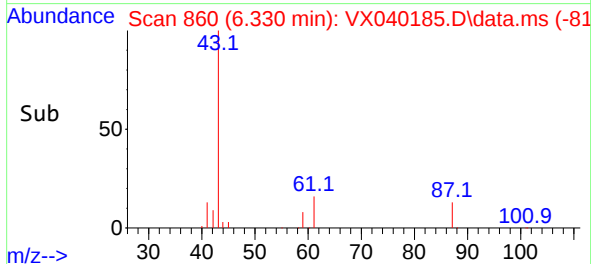
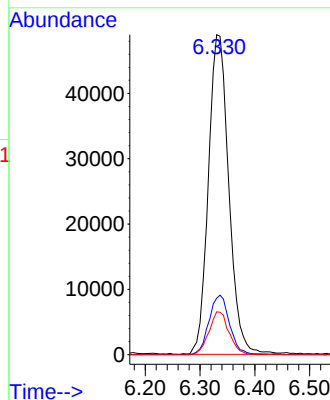
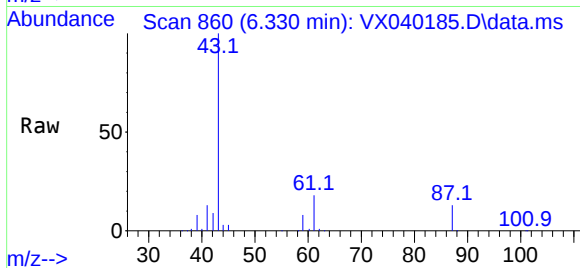




#43  
Isopropyl Acetate  
Concen: 52.037 ug/l  
RT: 6.330 min Scan# 860  
Delta R.T. -0.012 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

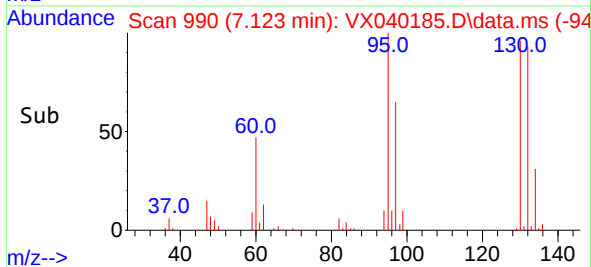
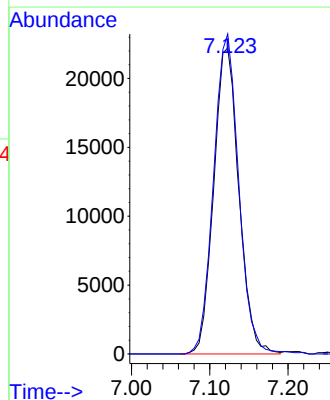
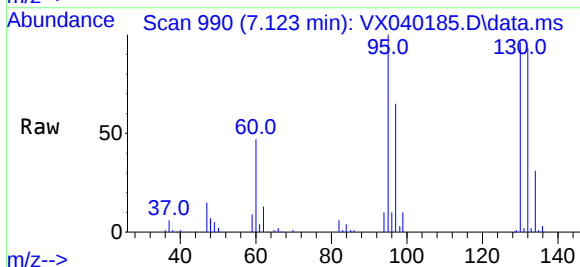
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

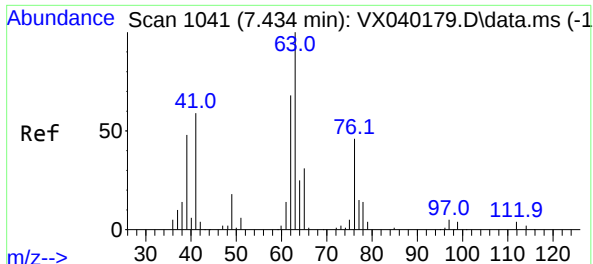
Tgt Ion: 43 Resp: 126391  
Ion Ratio Lower Upper  
43 100  
61 18.8 15.2 22.8  
87 13.2 9.8 14.6



#44  
Trichloroethene  
Concen: 46.007 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 130 Resp: 49625  
Ion Ratio Lower Upper  
130 100  
95 104.6 0.0 204.4

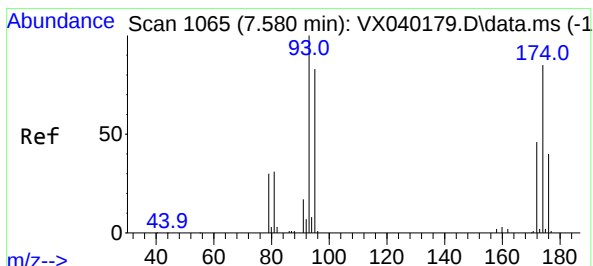
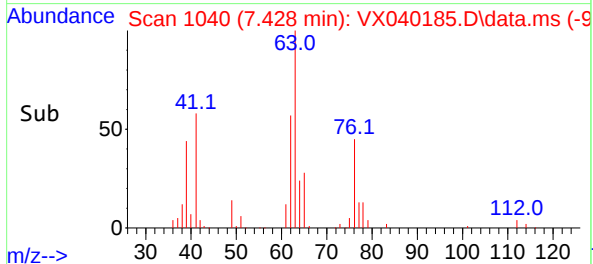
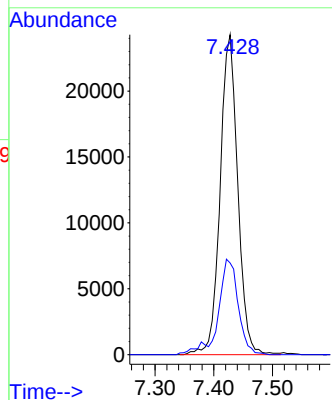
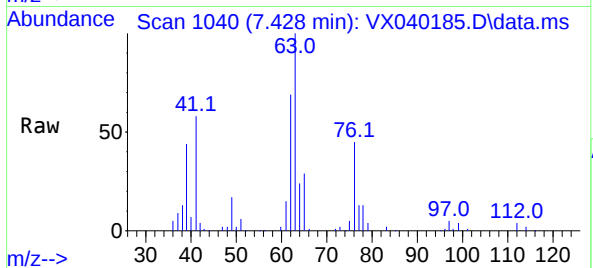




#45  
1,2-Dichloropropane  
Concen: 49.680 ug/l  
RT: 7.428 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

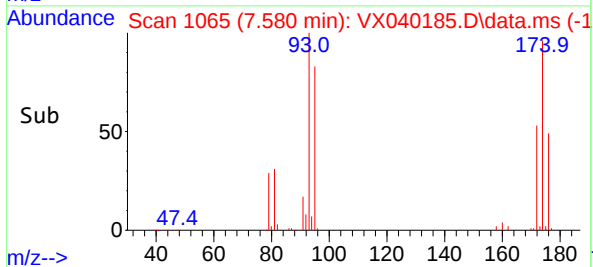
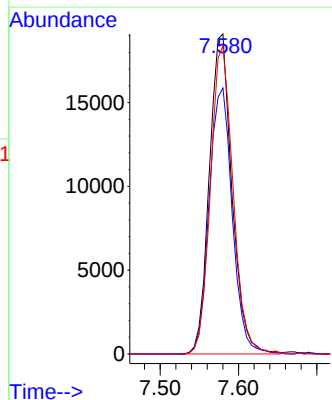
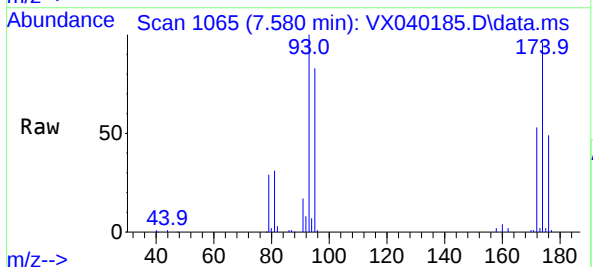
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

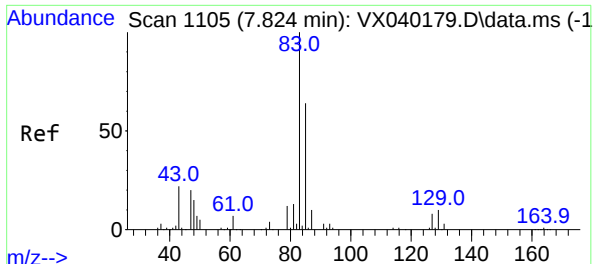
Tgt Ion: 63 Resp: 50565  
Ion Ratio Lower Upper  
63 100  
65 28.7 24.3 36.5



#46  
Dibromomethane  
Concen: 51.082 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 93 Resp: 38291  
Ion Ratio Lower Upper  
93 100  
95 84.8 66.6 100.0  
174 96.2 69.4 104.0

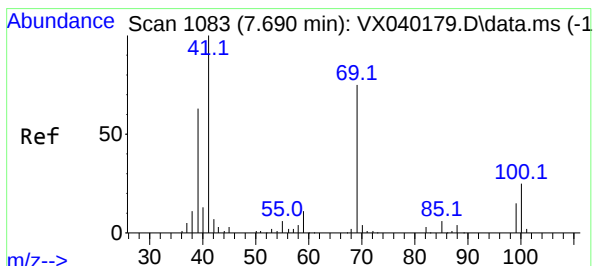
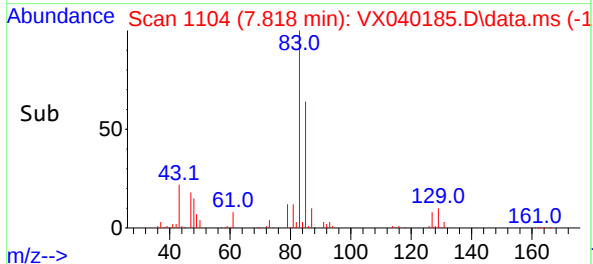
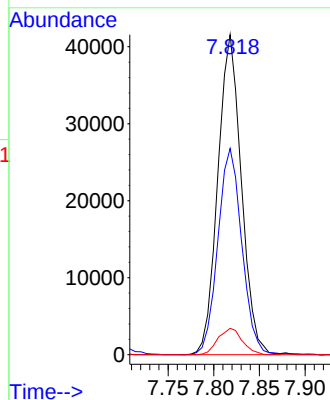
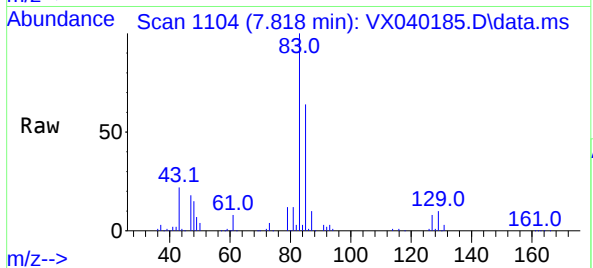




#47  
Bromodichloromethane  
Concen: 51.583 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

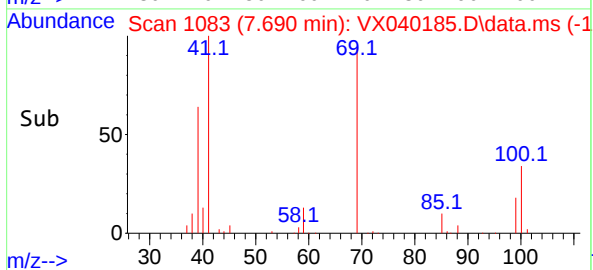
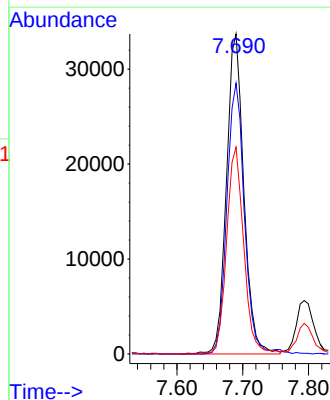
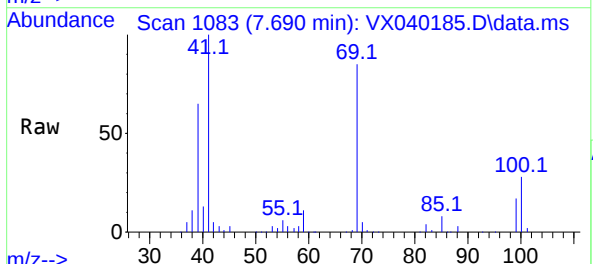
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

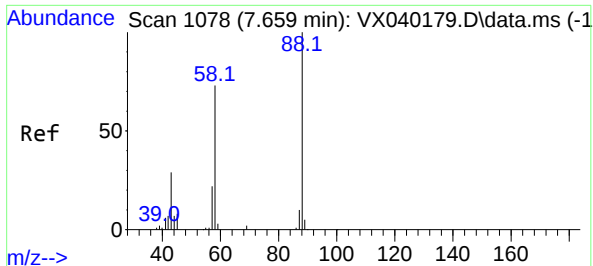
Tgt Ion: 83 Resp: 74504  
Ion Ratio Lower Upper  
83 100  
85 64.5 49.8 74.6  
127 8.2 7.1 10.7



#48  
Methyl methacrylate  
Concen: 49.833 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 41 Resp: 61933  
Ion Ratio Lower Upper  
41 100  
69 84.7 59.2 88.8  
39 63.8 47.7 71.5

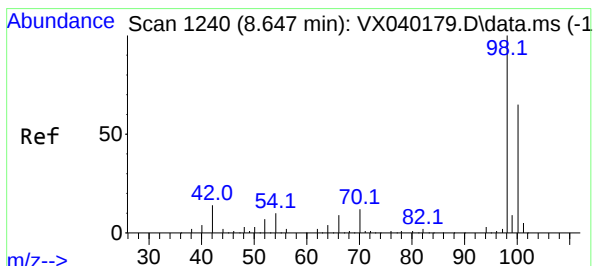
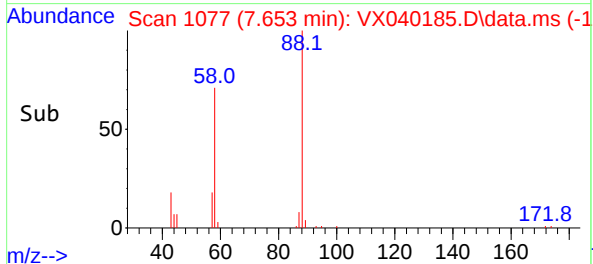
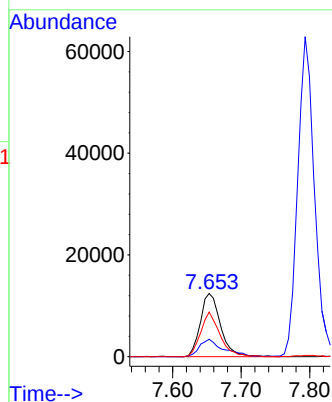
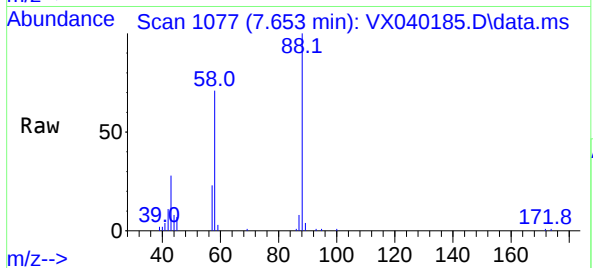




#49  
1,4-Dioxane  
Concen: 938.083 ug/l  
RT: 7.653 min Scan# 1077  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

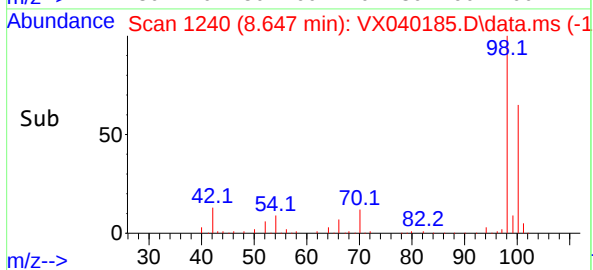
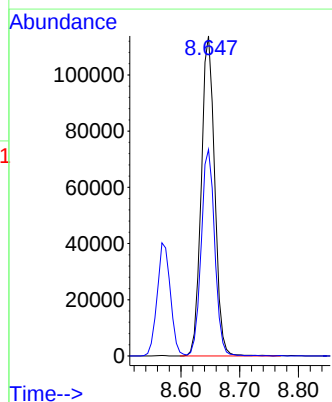
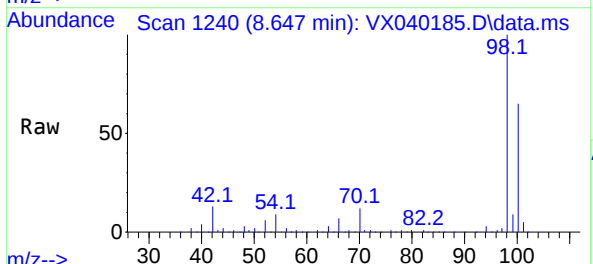
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

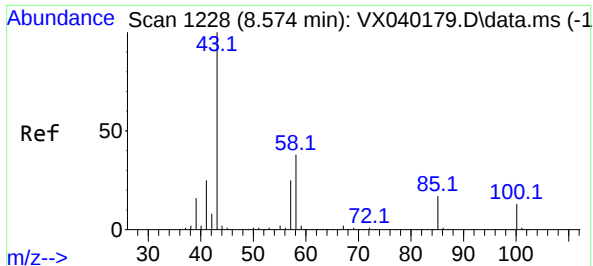
Tgt Ion: 88 Resp: 25363  
Ion Ratio Lower Upper  
88 100  
43 32.7 0.0 0.0#  
58 67.7 60.1 90.1



#50  
Toluene-d8  
Concen: 48.501 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 98 Resp: 181106  
Ion Ratio Lower Upper  
98 100  
100 64.5 53.1 79.7

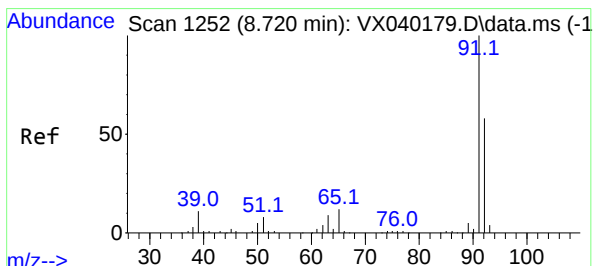
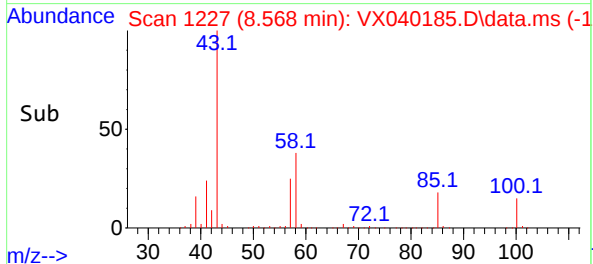
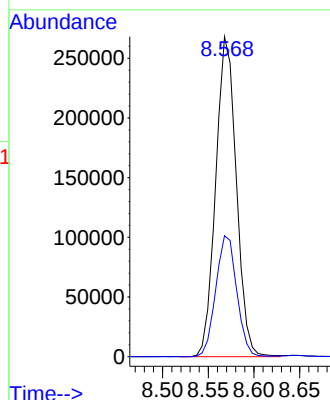
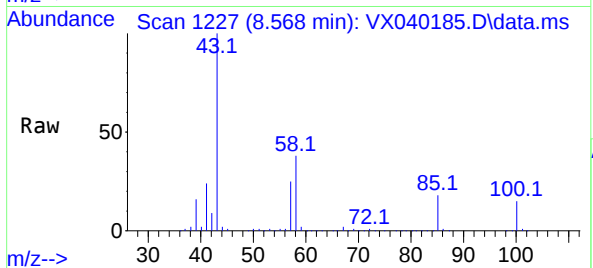




#51  
4-Methyl-2-Pentanone  
Concen: 253.419 ug/l  
RT: 8.568 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

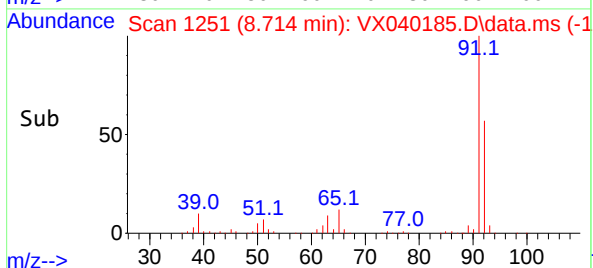
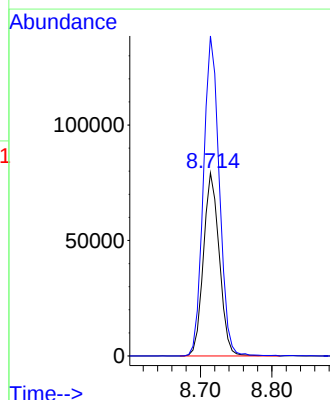
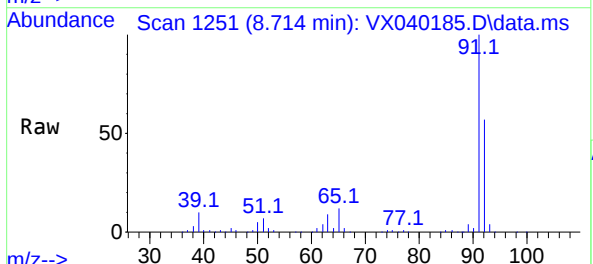
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

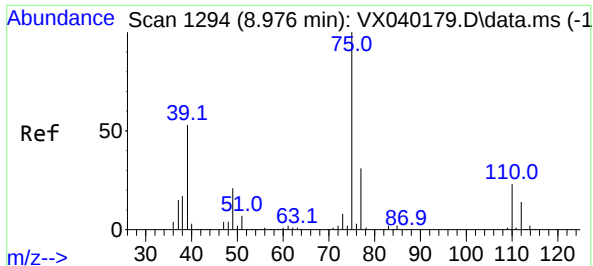
Tgt Ion: 43 Resp: 420245  
Ion Ratio Lower Upper  
43 100  
58 38.6 30.4 45.6



#52  
Toluene  
Concen: 47.654 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 92 Resp: 122059  
Ion Ratio Lower Upper  
92 100  
91 175.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 48.466 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX040185.D

Acq: 12 Feb 2024 09:32

Instrument :

MSVOA\_X

ClientSampleId :

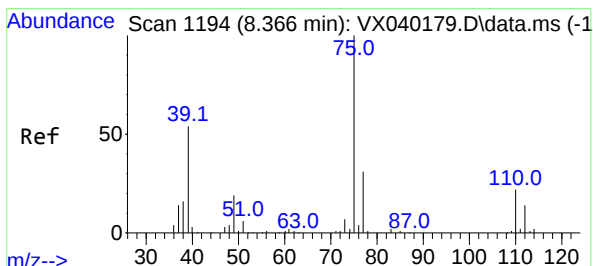
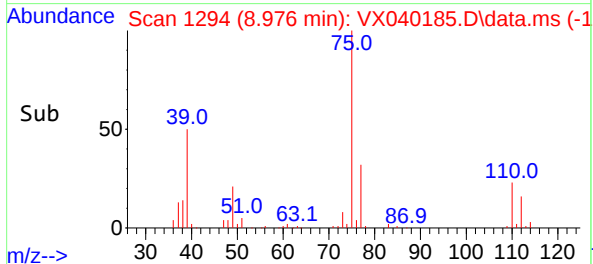
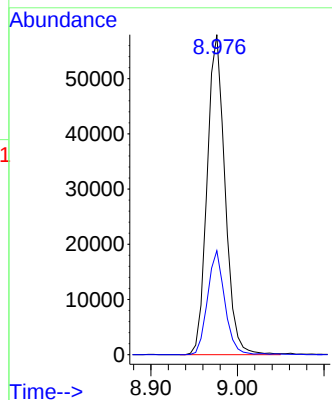
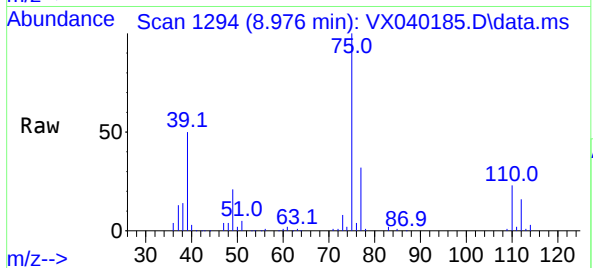
VSTDCCC050

Tgt Ion: 75 Resp: 83235

Ion Ratio Lower Upper

75 100

77 32.5 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 53.988 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX040185.D

Acq: 12 Feb 2024 09:32

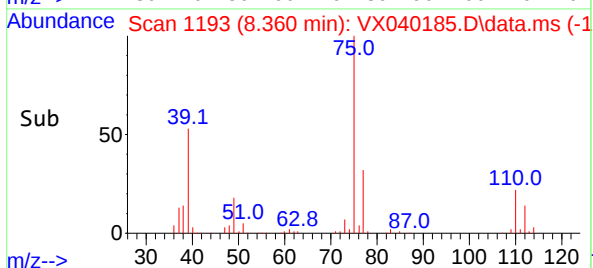
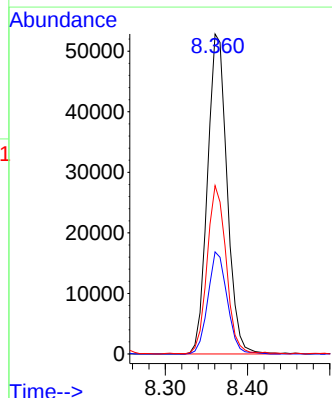
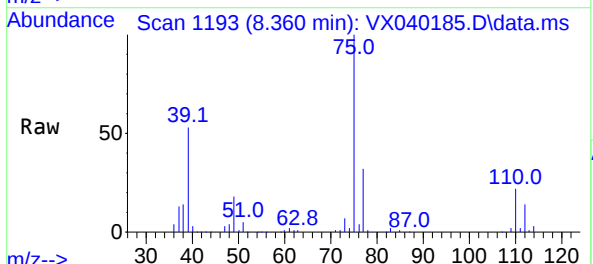
Tgt Ion: 75 Resp: 87391

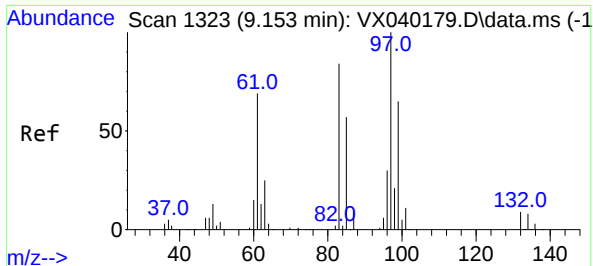
Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

39 52.5 46.7 70.1



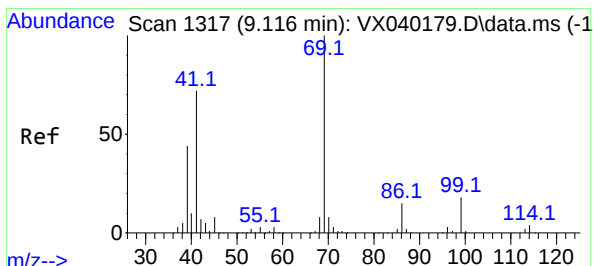
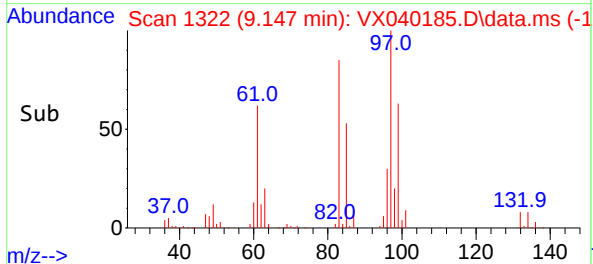
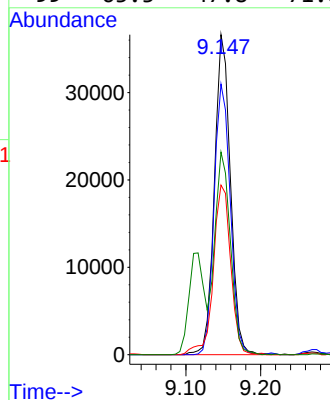
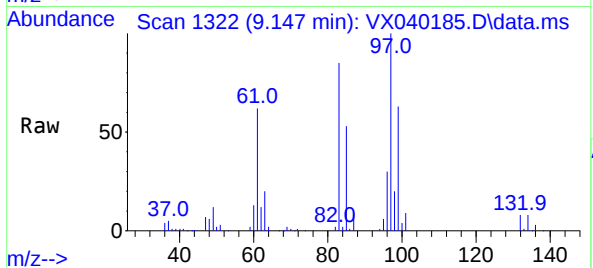


#55  
1,1,2-Trichloroethane  
Concen: 50.031 ug/l  
RT: 9.147 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 54657

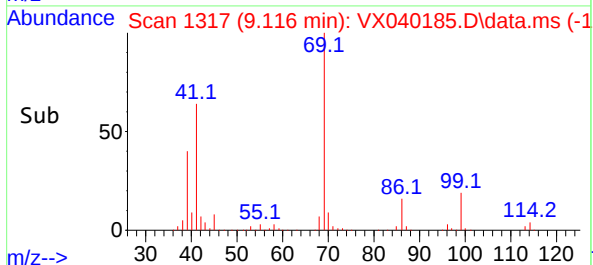
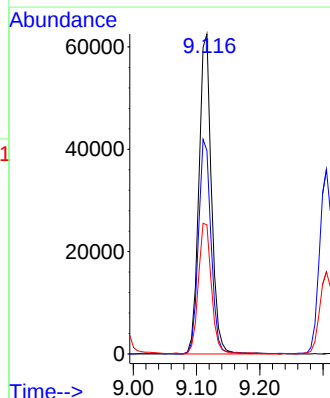
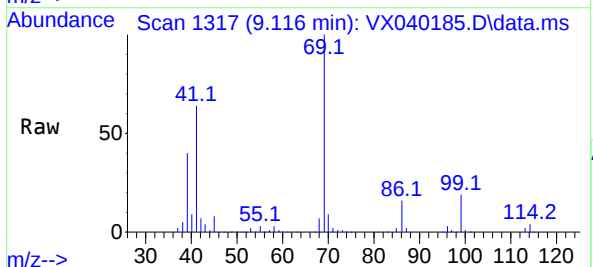
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.6  | 65.8  | 98.8  |
| 85  | 53.0  | 41.6  | 62.4  |
| 99  | 63.3  | 47.8  | 71.8  |

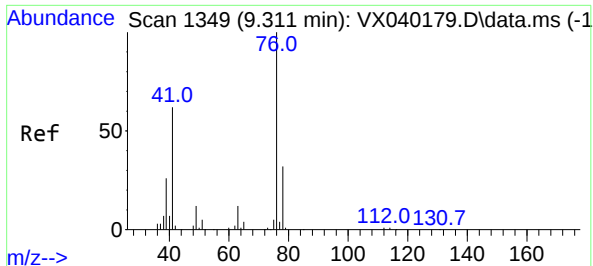


#56  
Ethyl methacrylate  
Concen: 52.822 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 69 Resp: 86388

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 67.5  | 56.8  | 85.2  |
| 39  | 42.0  | 32.0  | 48.0  |

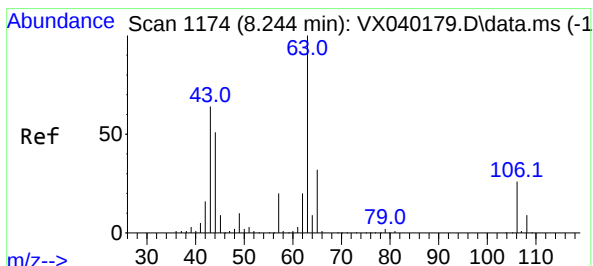
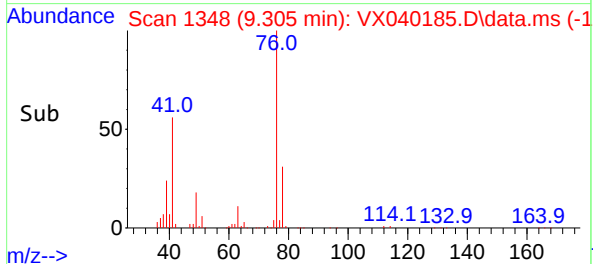
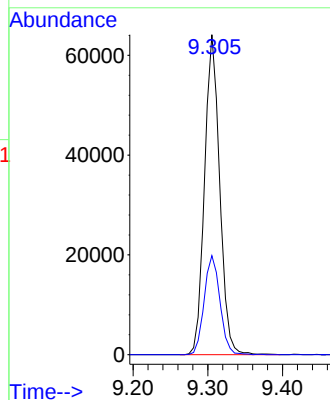
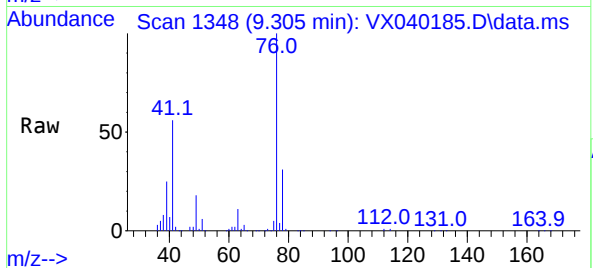




#57  
1,3-Dichloropropane  
Concen: 50.585 ug/l  
RT: 9.305 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

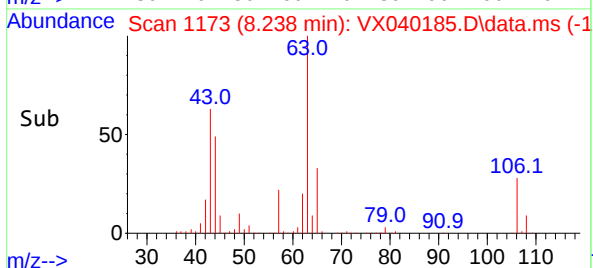
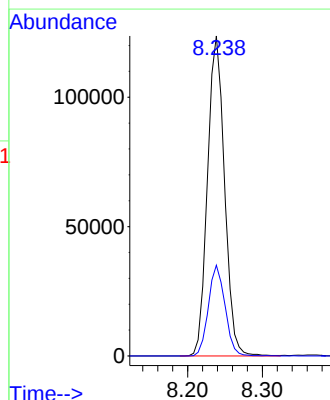
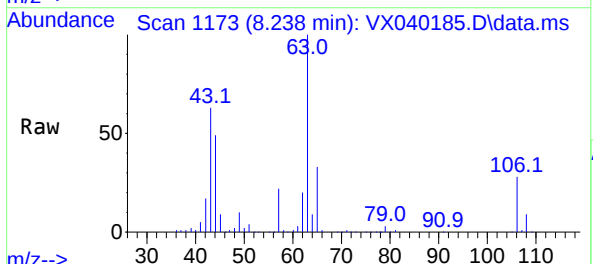
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

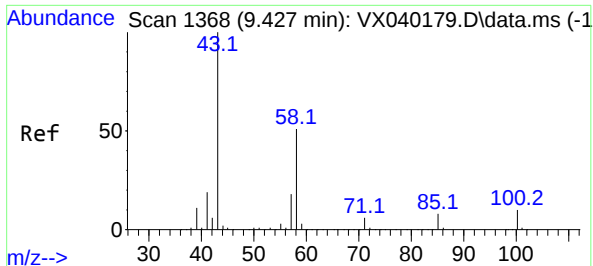
Tgt Ion: 76 Resp: 90199  
Ion Ratio Lower Upper  
76 100  
78 32.2 26.1 39.1



#58  
2-Chloroethyl Vinyl ether  
Concen: 252.902 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 63 Resp: 195662  
Ion Ratio Lower Upper  
63 100  
106 27.7 22.5 33.7





#59

2-Hexanone

Concen: 258.677 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX040185.D

Acq: 12 Feb 2024 09:32

Instrument :

MSVOA\_X

ClientSampleId :

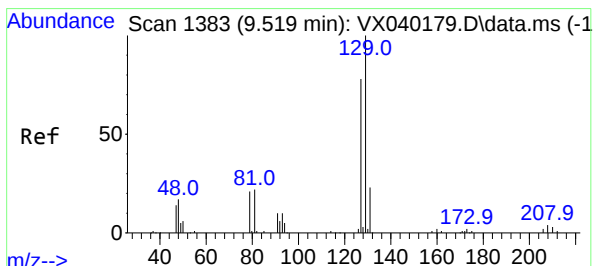
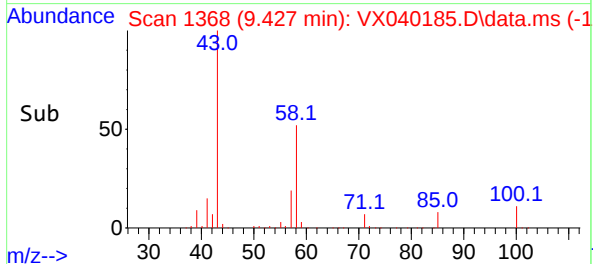
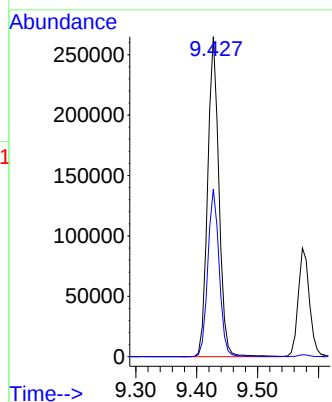
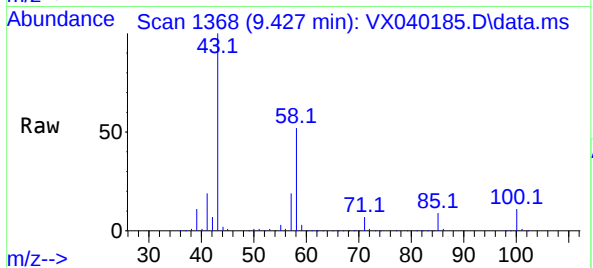
VSTDCCC050

Tgt Ion: 43 Resp: 340104

Ion Ratio Lower Upper

43 100

58 52.9 26.2 78.5



#60

Dibromochloromethane

Concen: 54.794 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX040185.D

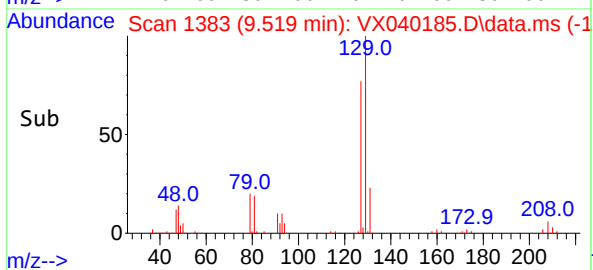
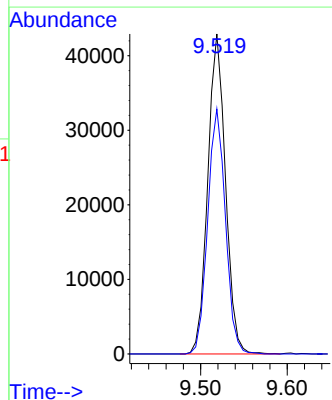
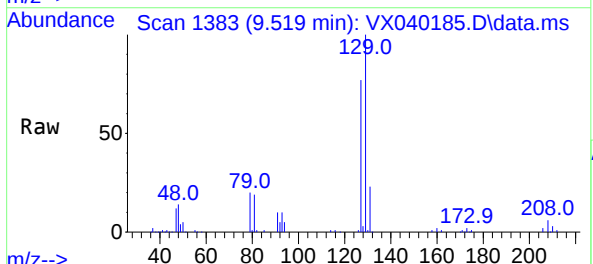
Acq: 12 Feb 2024 09:32

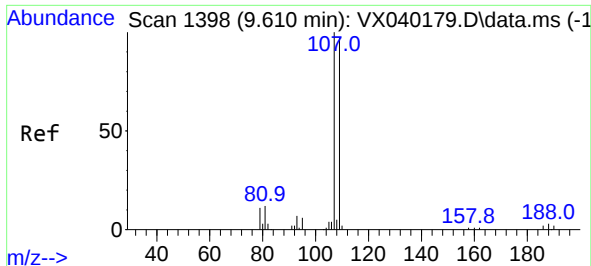
Tgt Ion: 129 Resp: 60987

Ion Ratio Lower Upper

129 100

127 76.8 38.8 116.4

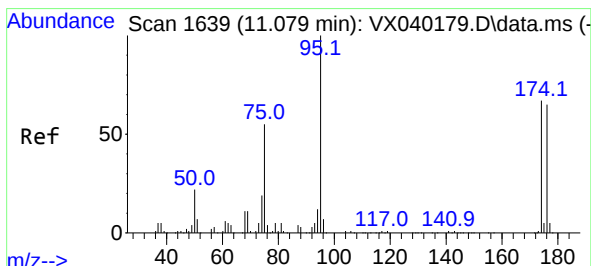
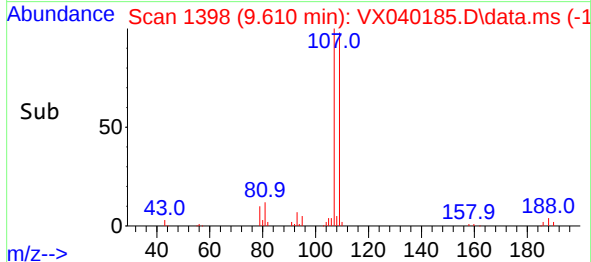
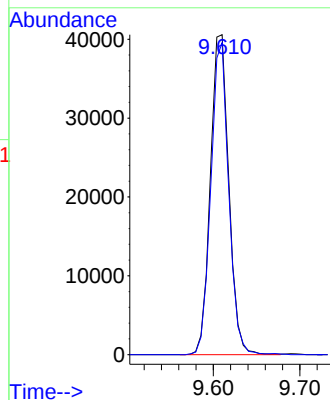
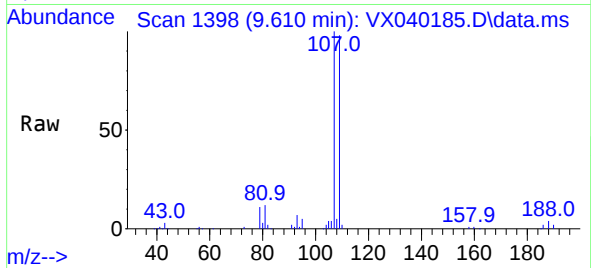




#61  
1,2-Dibromoethane  
Concen: 51.691 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

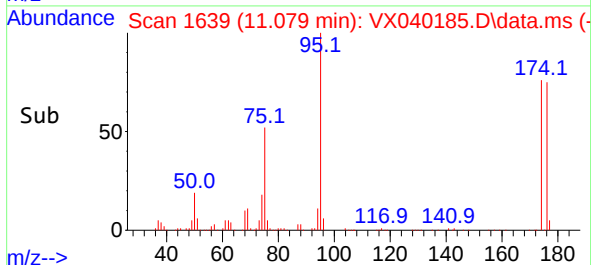
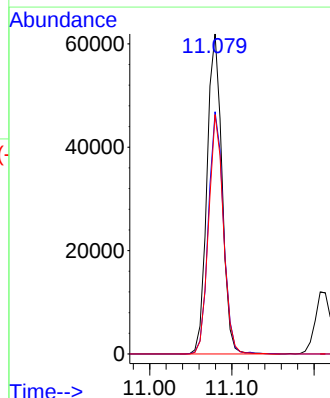
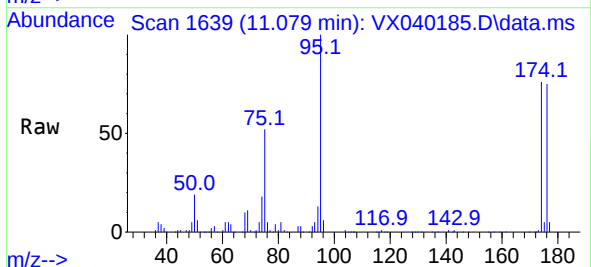
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

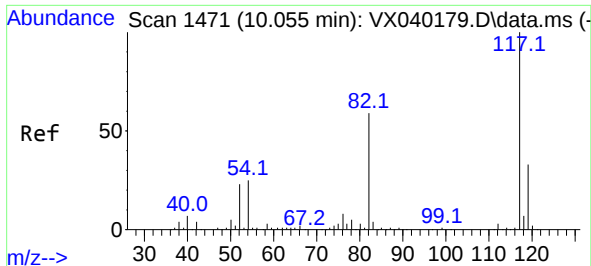
Tgt Ion:107 Resp: 60025  
Ion Ratio Lower Upper  
107 100  
109 94.4 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 51.367 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 95 Resp: 78226  
Ion Ratio Lower Upper  
95 100  
174 75.7 0.0 135.6  
176 73.6 0.0 131.0

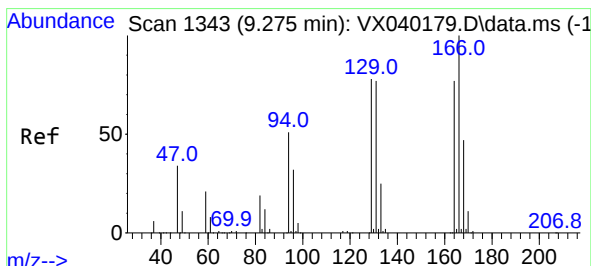
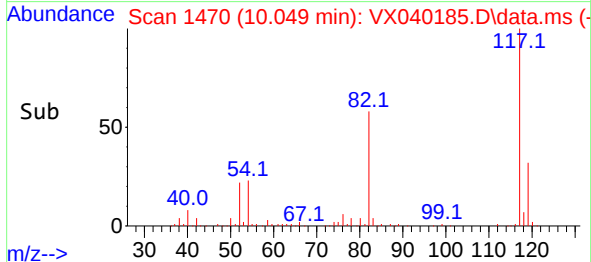
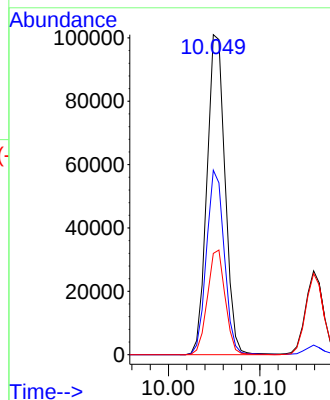
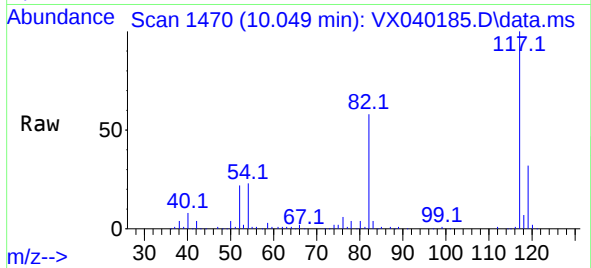




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

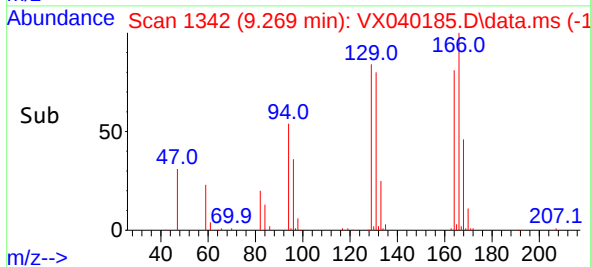
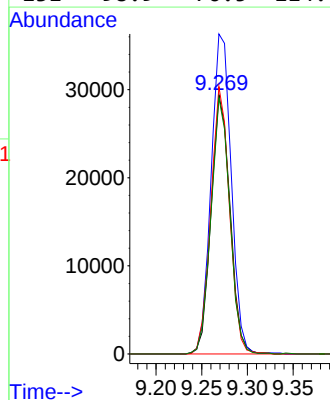
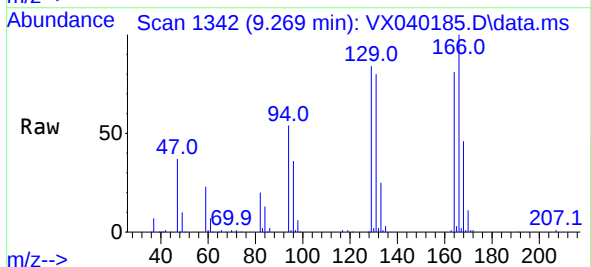
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

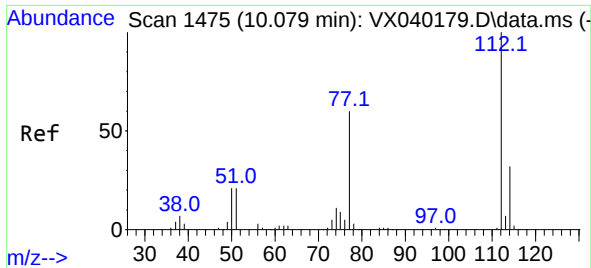
Tgt Ion:117 Resp: 138902  
Ion Ratio Lower Upper  
117 100  
82 57.6 46.2 69.4  
119 31.6 25.5 38.3



#64  
Tetrachloroethene  
Concen: 43.586 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion:164 Resp: 42426  
Ion Ratio Lower Upper  
164 100  
166 123.5 102.7 154.1  
129 103.1 80.4 120.6  
131 98.9 76.5 114.7

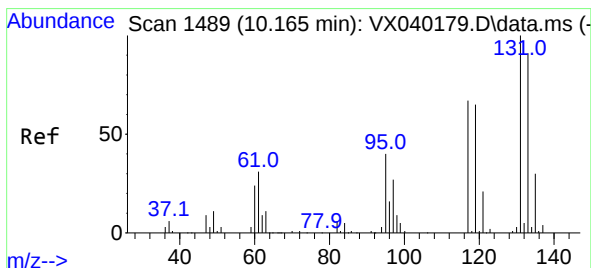
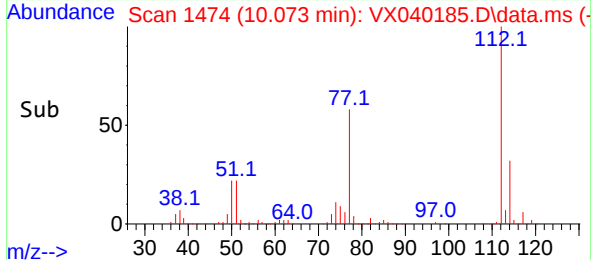
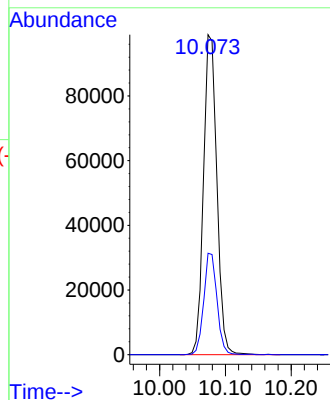
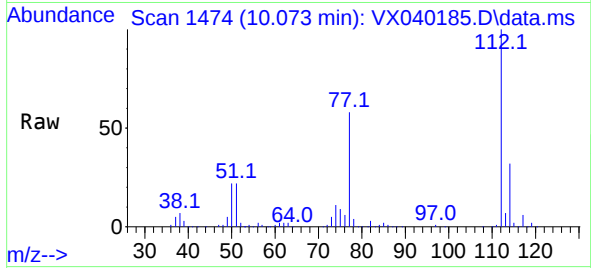




#65  
Chlorobenzene  
Concen: 48.228 ug/l  
RT: 10.073 min Scan# 1475  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

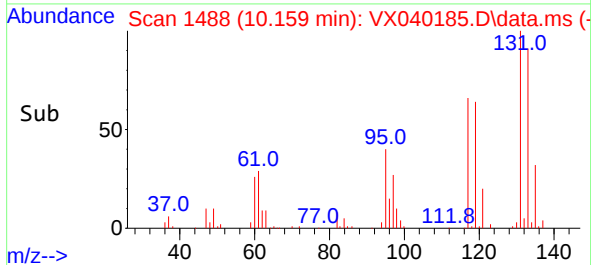
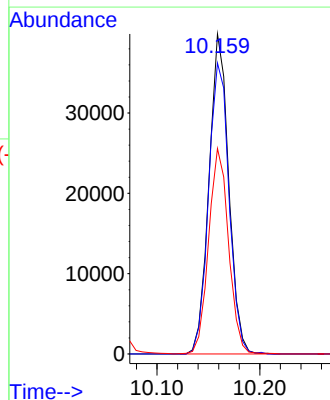
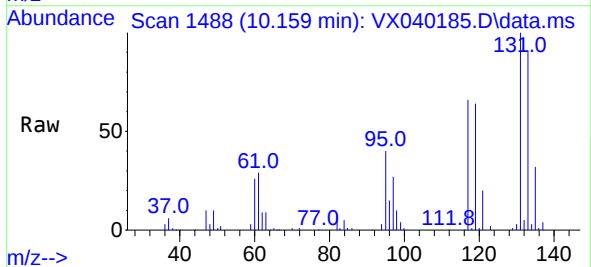
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

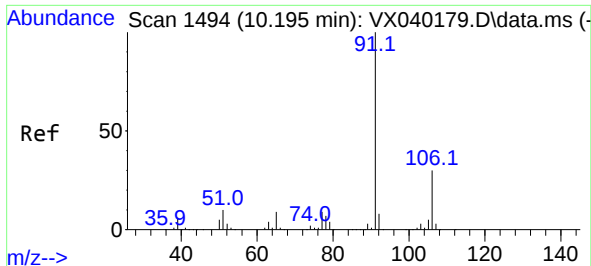
Tgt Ion:112 Resp: 139811  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.989 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion:131 Resp: 53202  
Ion Ratio Lower Upper  
131 100  
133 94.4 47.1 141.4  
119 64.9 32.2 96.6





#67

Ethyl Benzene

Concen: 47.826 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX040185.D

Acq: 12 Feb 2024 09:32

Instrument :

MSVOA\_X

ClientSampleId :

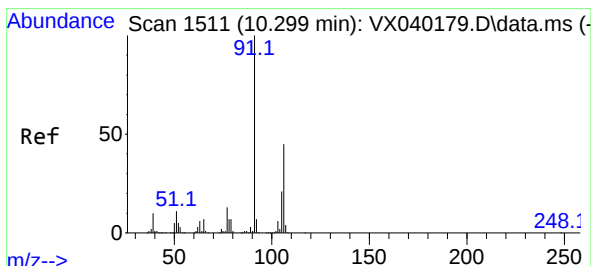
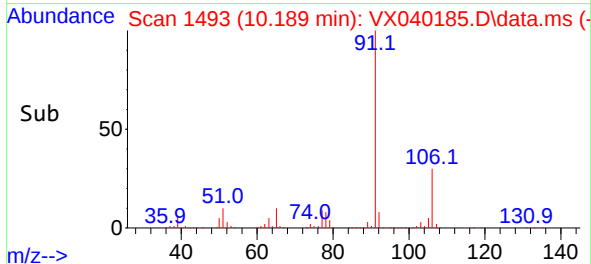
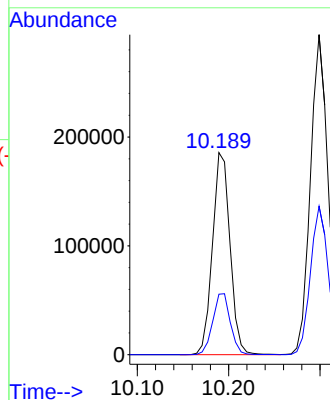
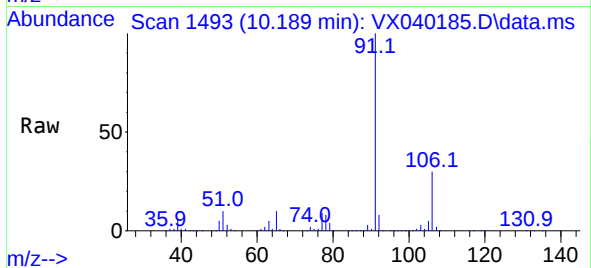
VSTDCCC050

Tgt Ion: 91 Resp: 246924

Ion Ratio Lower Upper

91 100

106 30.0 24.9 37.3



#68

m/p-Xylenes

Concen: 95.634 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX040185.D

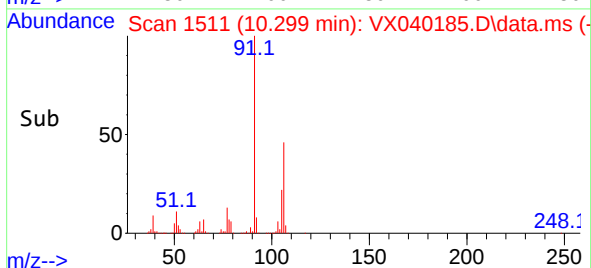
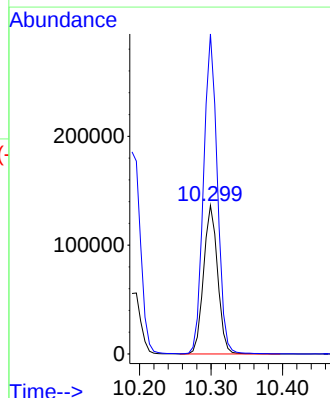
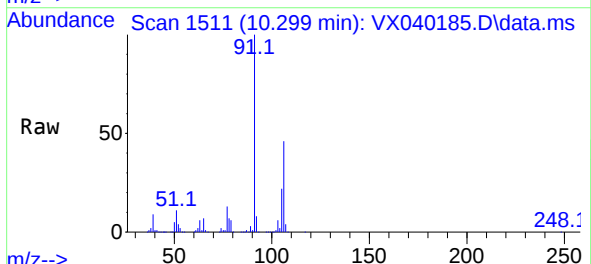
Acq: 12 Feb 2024 09:32

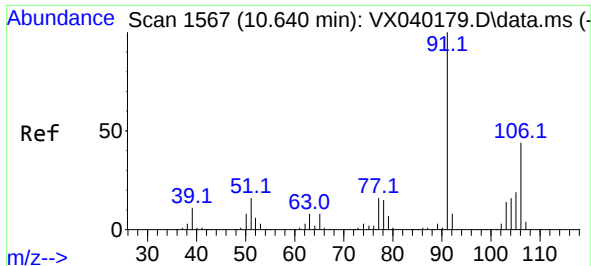
Tgt Ion:106 Resp: 186481

Ion Ratio Lower Upper

106 100

91 211.5 165.5 248.3

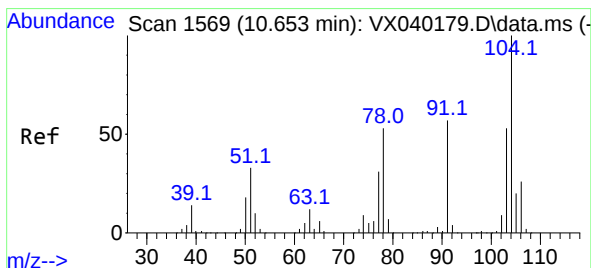
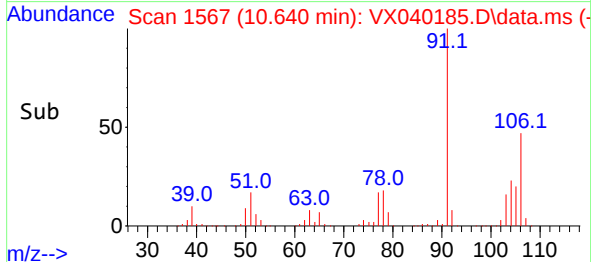
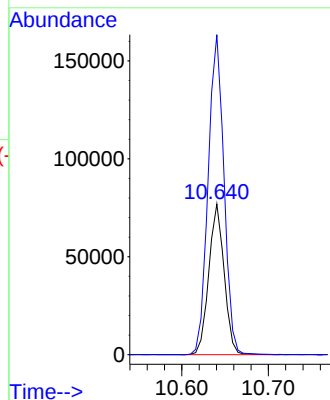
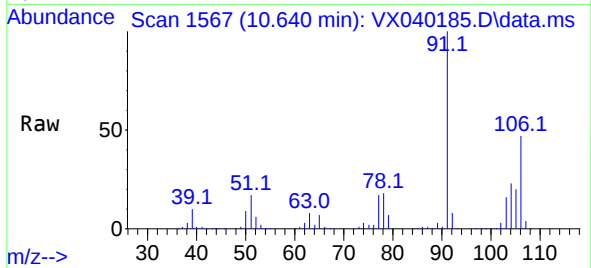




#69  
o-Xylene  
Concen: 49.967 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

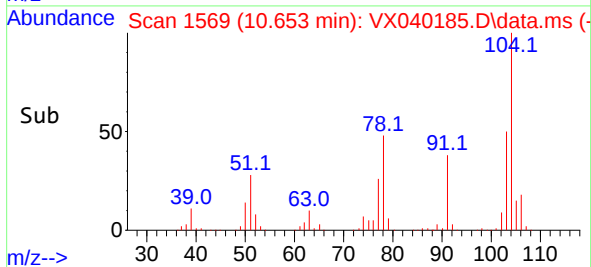
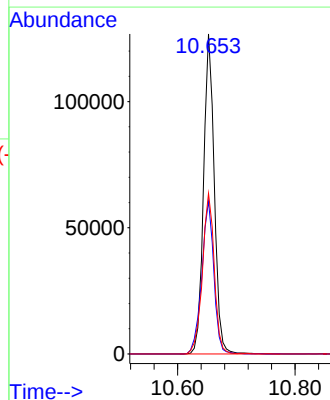
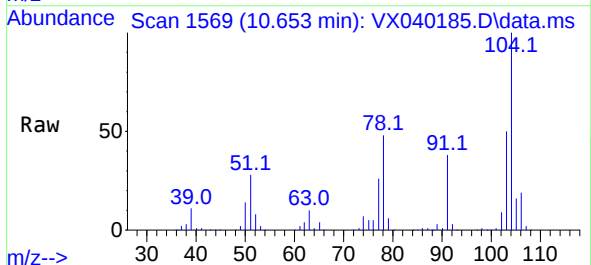
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

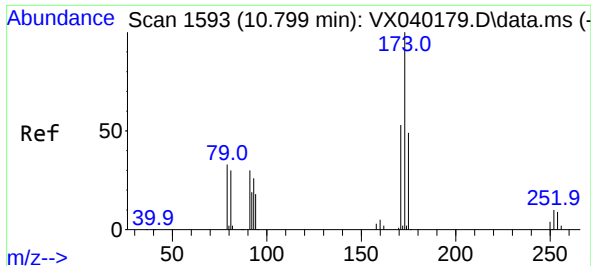
Tgt Ion:106 Resp: 94681  
Ion Ratio Lower Upper  
106 100  
91 219.0 108.9 326.8



#70  
Styrene  
Concen: 51.108 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion:104 Resp: 161011  
Ion Ratio Lower Upper  
104 100  
78 53.7 43.6 65.4  
103 55.4 43.6 65.4

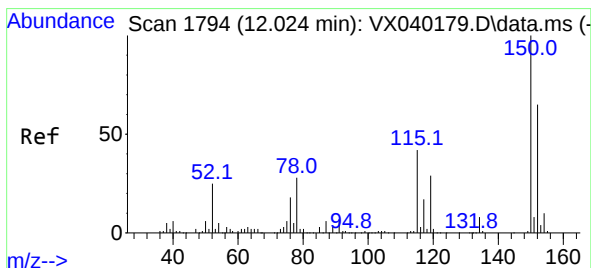
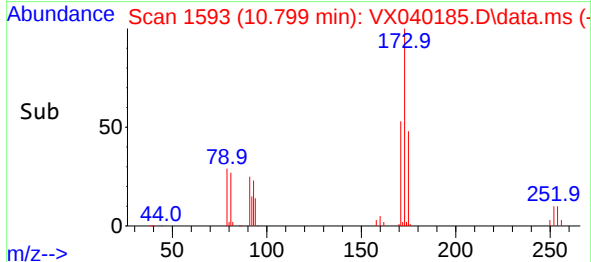
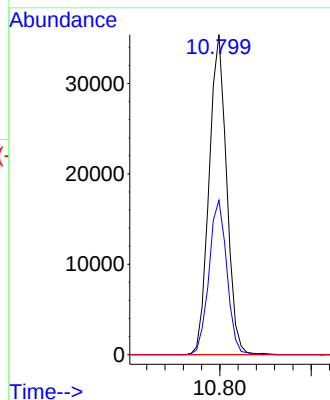
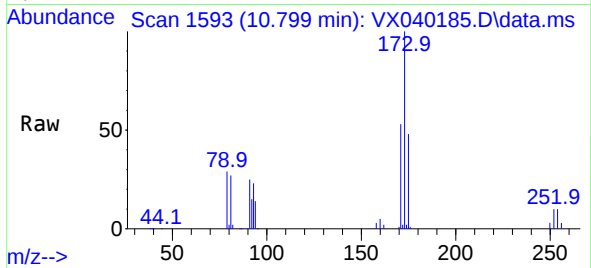




#71  
Bromoform  
Concen: 49.919 ug/l  
RT: 10.799 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

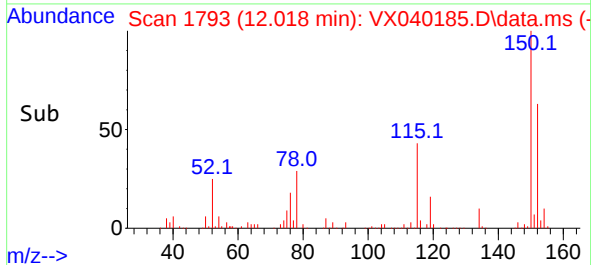
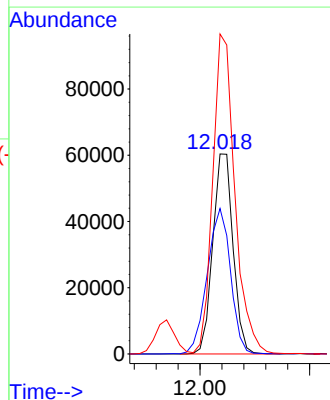
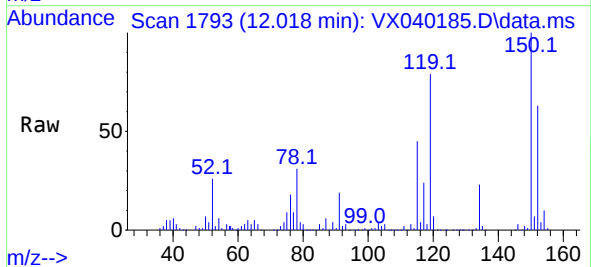
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

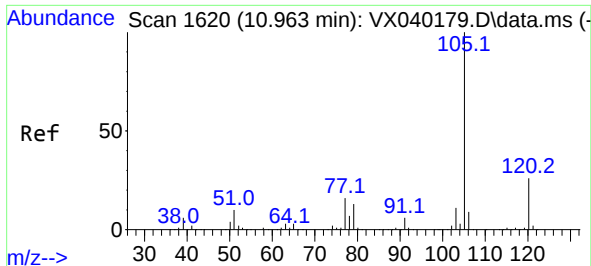
Tgt Ion:173 Resp: 47068  
Ion Ratio Lower Upper  
173 100  
175 49.2 24.1 72.4  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion:152 Resp: 77732  
Ion Ratio Lower Upper  
152 100  
115 83.5 43.3 129.9  
150 174.2 0.0 345.0

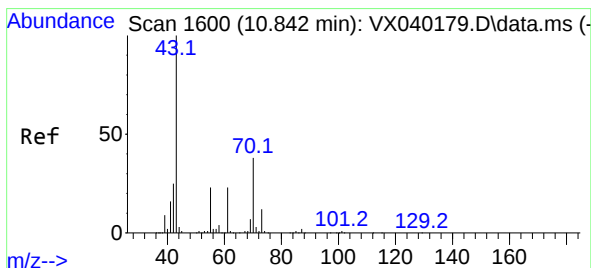
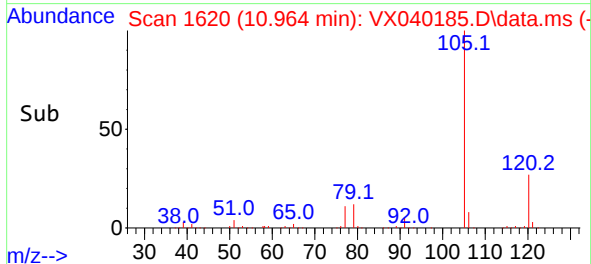
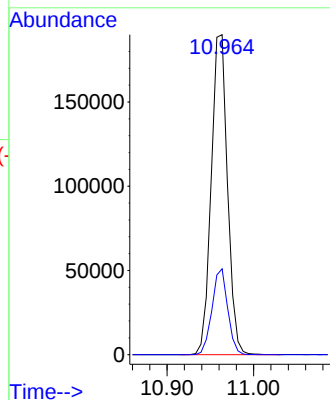
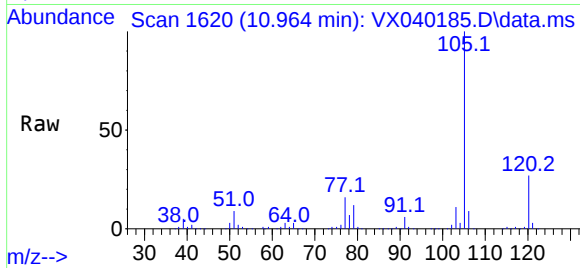




#73  
Isopropylbenzene  
Concen: 45.275 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

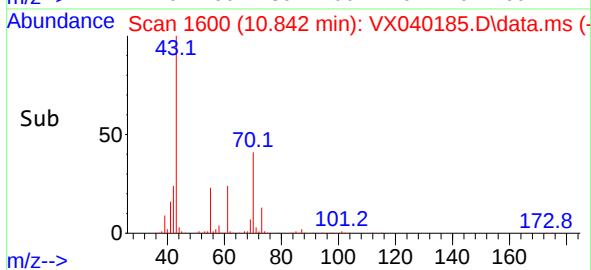
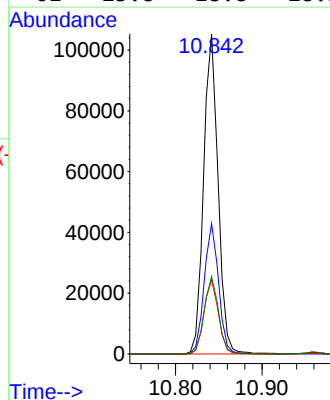
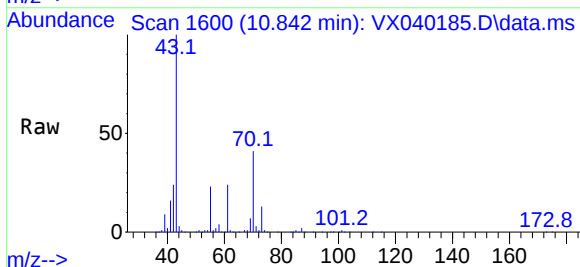
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

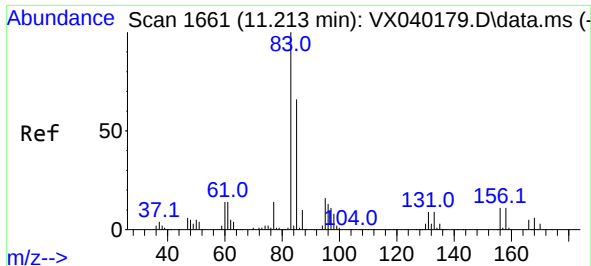
Tgt Ion:105 Resp: 247877  
Ion Ratio Lower Upper  
105 100  
120 25.8 12.9 38.6



#74  
N-ethyl acetate  
Concen: 51.974 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 43 Resp: 121970  
Ion Ratio Lower Upper  
43 100  
70 40.5 32.9 49.3  
55 23.1 19.3 28.9  
61 23.8 18.8 28.2

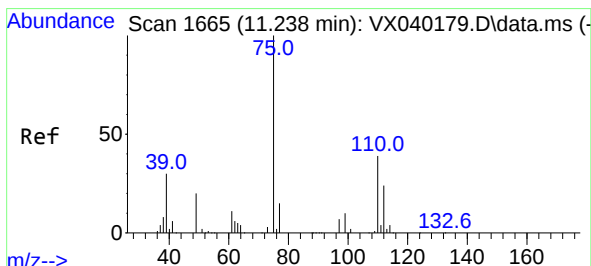
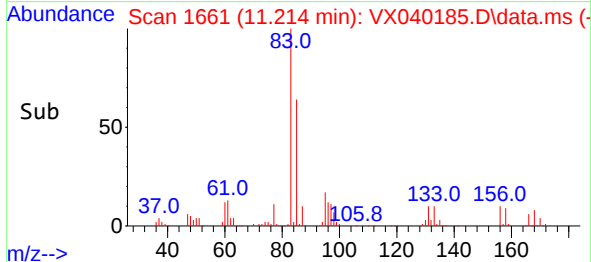
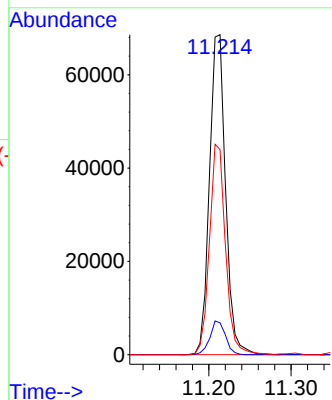
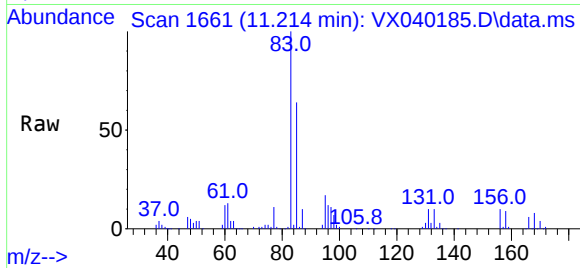




#75  
1,1,2,2-Tetrachloroethane  
Concen: 47.474 ug/l  
RT: 11.214 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

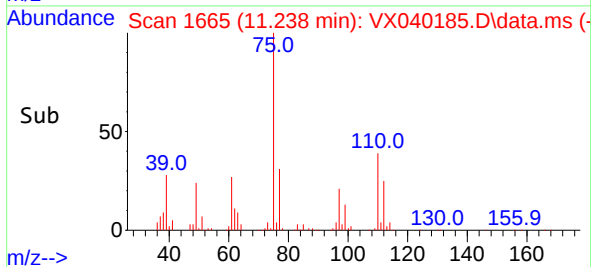
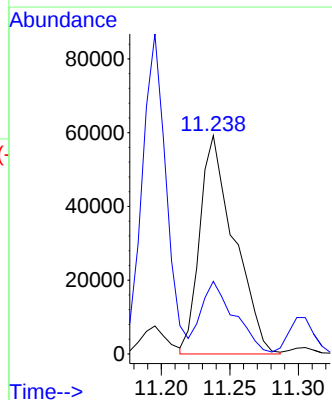
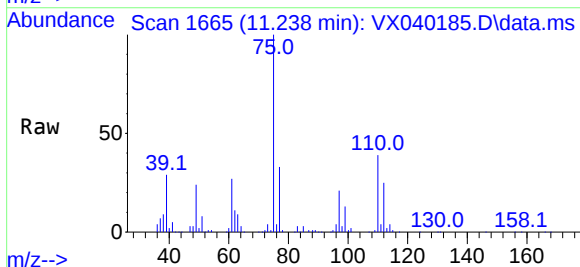
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

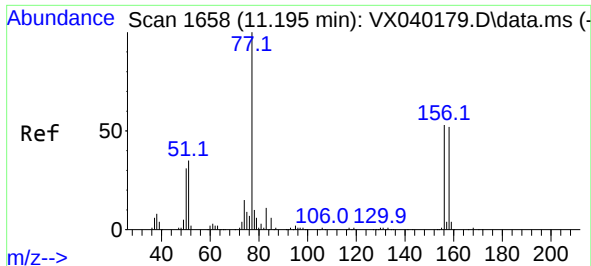
Tgt Ion: 83 Resp: 93380  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.3 15.8  
85 65.4 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 65.802 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 75 Resp: 103580  
Ion Ratio Lower Upper  
75 100  
77 32.4 19.1 57.5

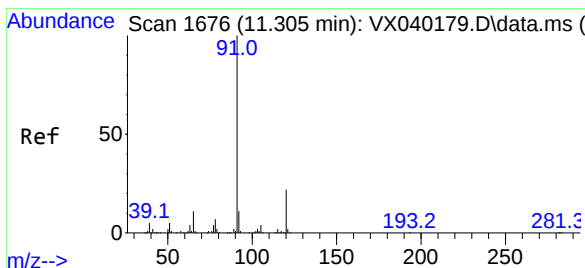
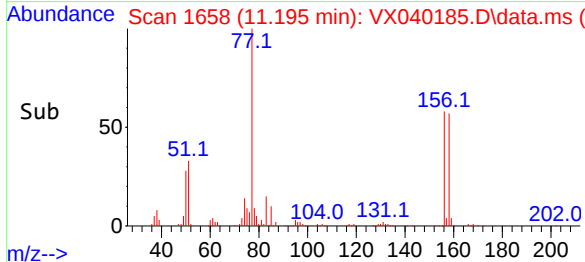
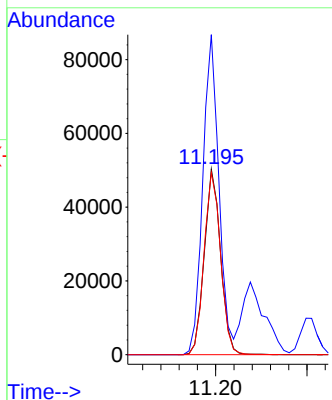
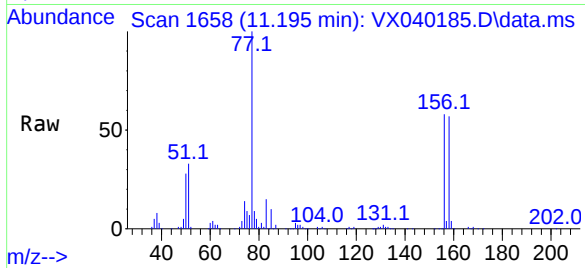




#77  
Bromobenzene  
Concen: 48.056 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

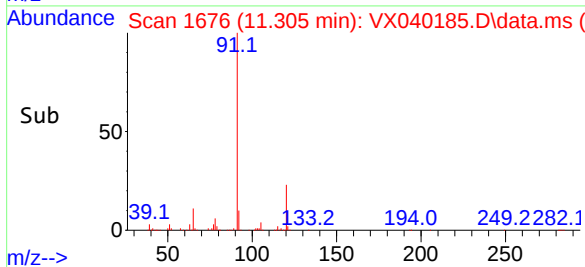
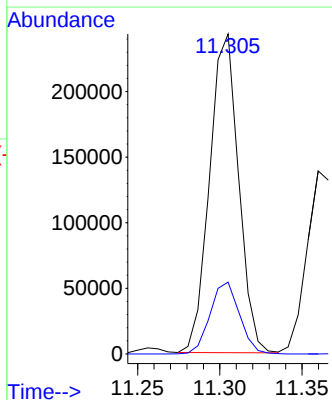
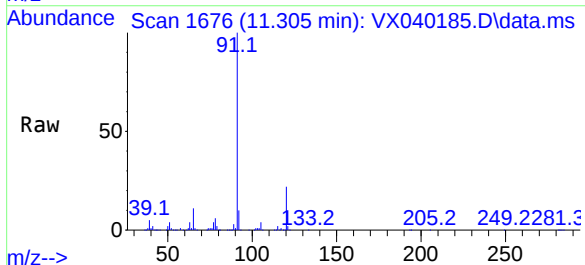
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

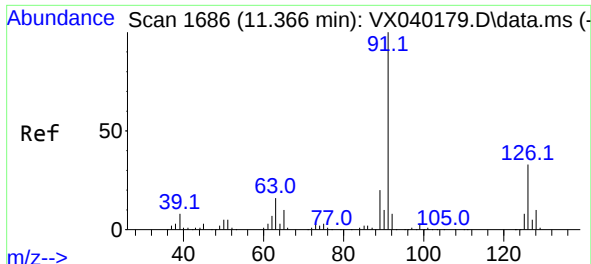
Tgt Ion:156 Resp: 62141  
Ion Ratio Lower Upper  
156 100  
77 170.3 88.4 265.3  
158 99.4 48.0 144.0



#78  
n-propylbenzene  
Concen: 45.045 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 91 Resp: 298578  
Ion Ratio Lower Upper  
91 100  
120 22.8 11.5 34.4

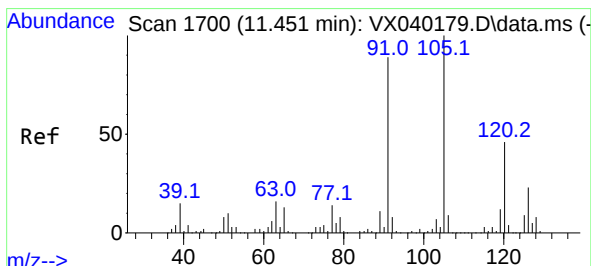
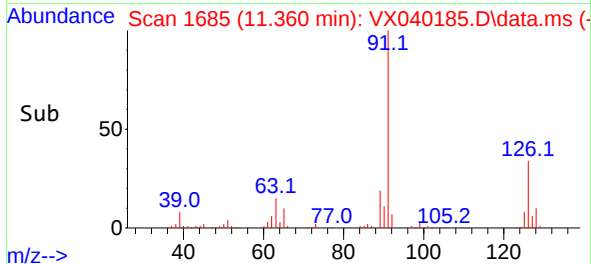
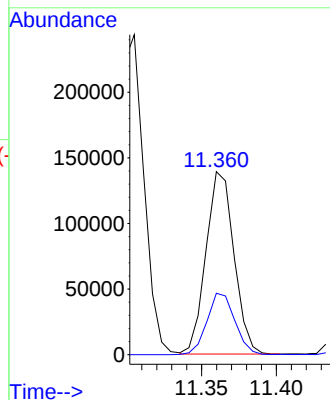
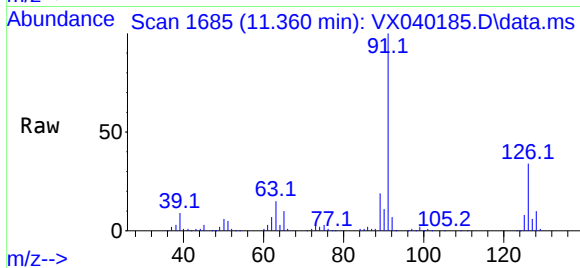




#79  
2-Chlorotoluene  
Concen: 45.234 ug/l  
RT: 11.360 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

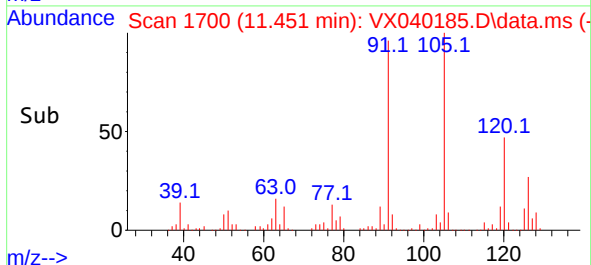
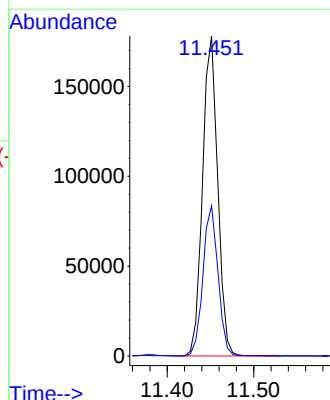
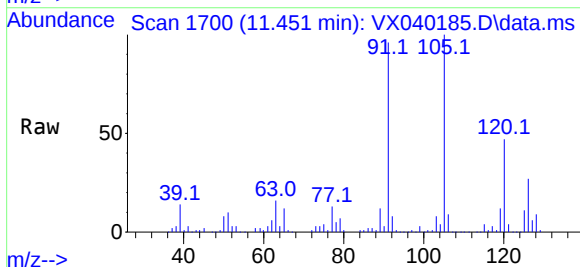
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

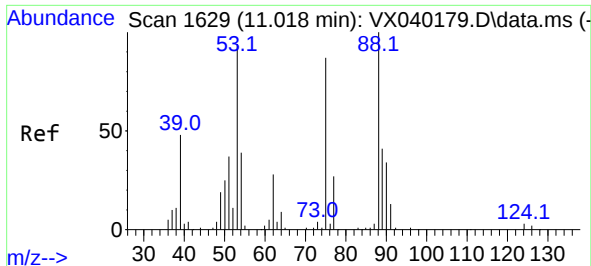
Tgt Ion: 91 Resp: 181050  
Ion Ratio Lower Upper  
91 100  
126 33.7 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 46.946 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 105 Resp: 216386  
Ion Ratio Lower Upper  
105 100  
120 46.7 24.1 72.3

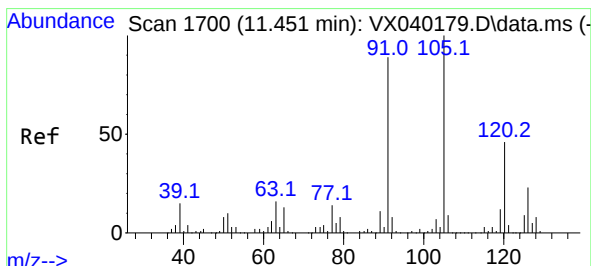
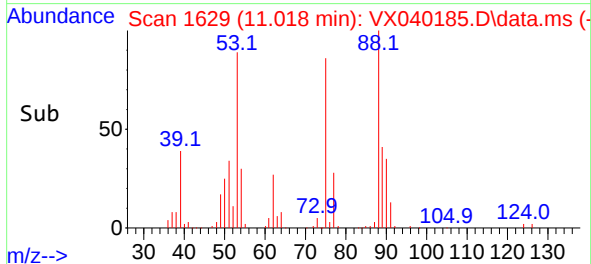
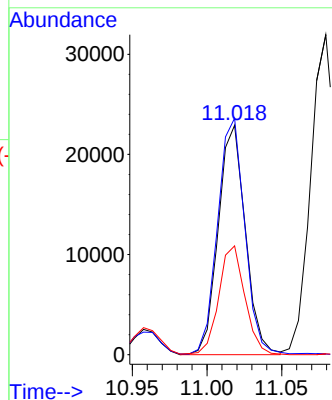
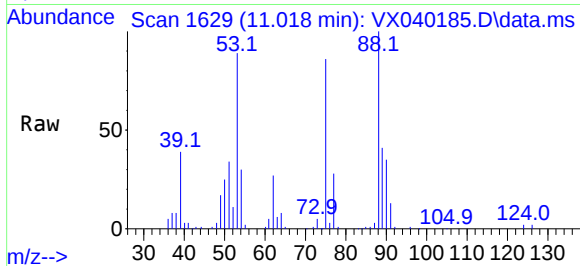




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.437 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

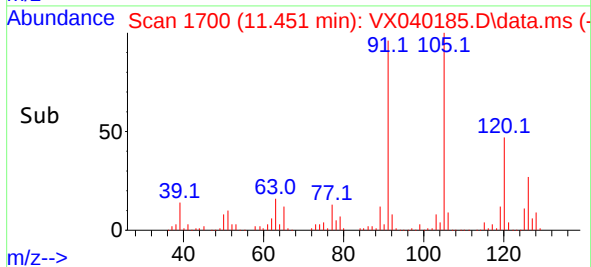
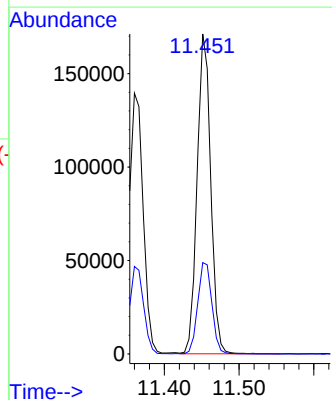
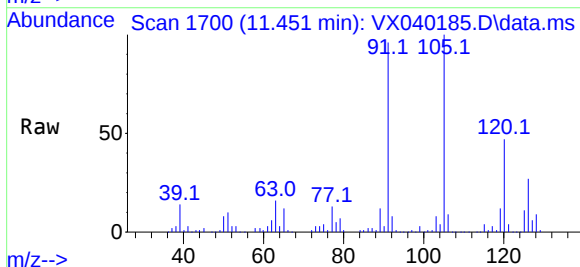
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

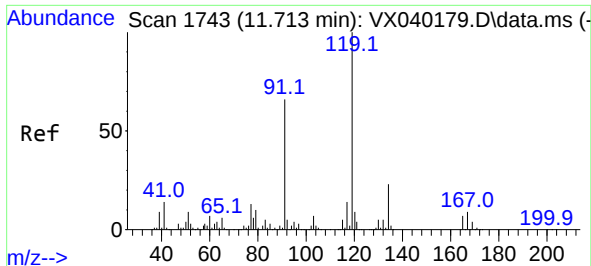
Tgt Ion: 75 Resp: 28895  
Ion Ratio Lower Upper  
75 100  
53 103.6 90.5 135.7  
89 45.8 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 45.408 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 91 Resp: 215344  
Ion Ratio Lower Upper  
91 100  
126 29.8 14.2 42.6

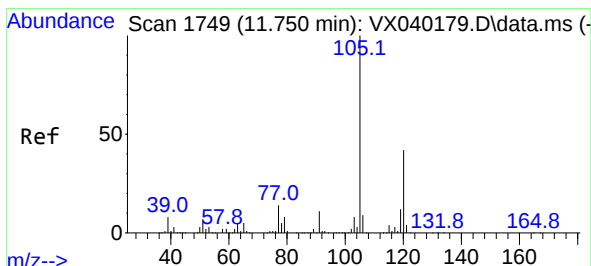
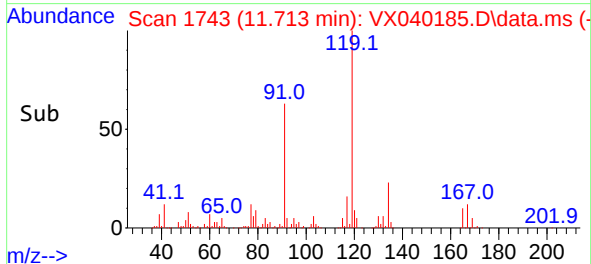
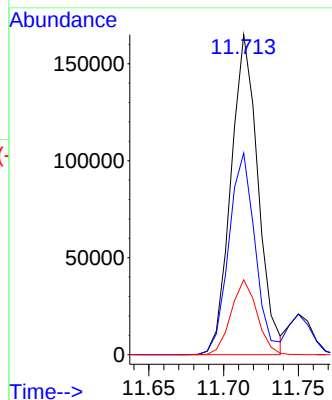
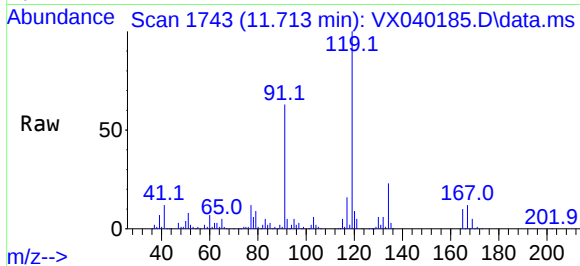




#83  
tert-Butylbenzene  
Concen: 46.163 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

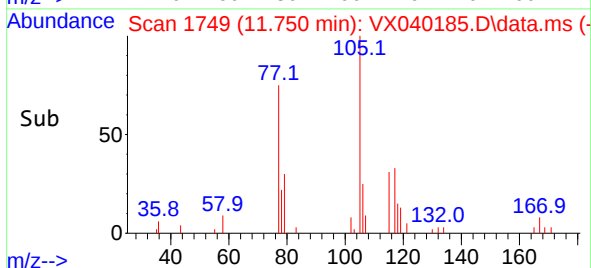
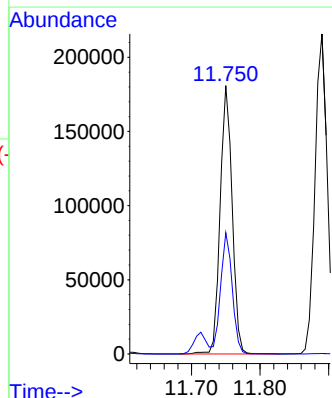
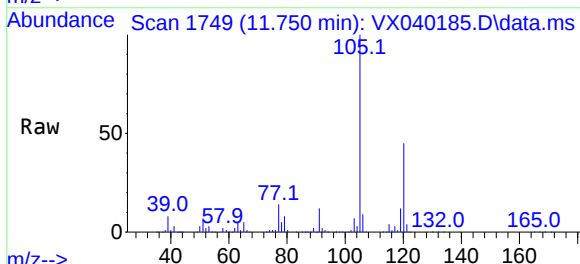
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

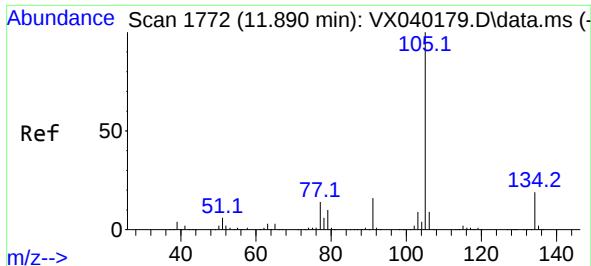
Tgt Ion:119 Resp: 208608  
Ion Ratio Lower Upper  
119 100  
91 61.7 31.2 93.6  
134 22.4 11.7 35.0



#84  
1,2,4-Trimethylbenzene  
Concen: 47.034 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion:105 Resp: 219327  
Ion Ratio Lower Upper  
105 100  
120 44.0 21.2 63.6

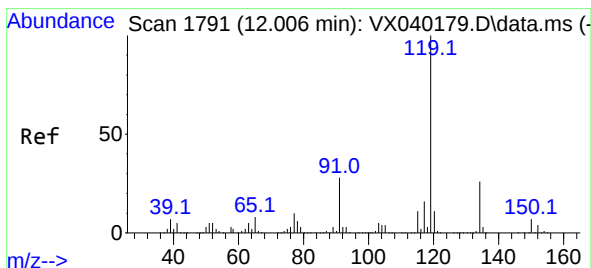
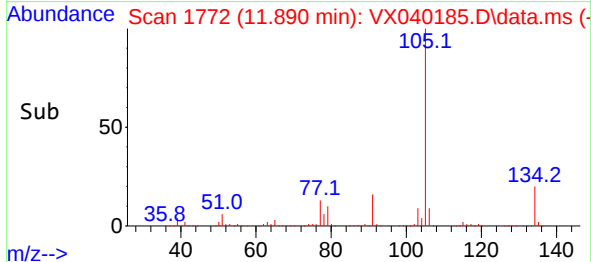
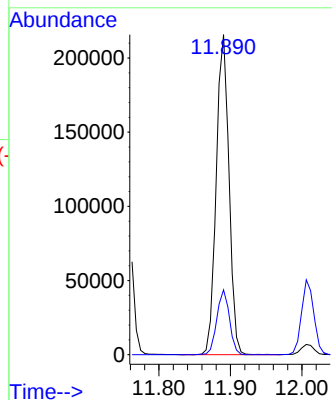
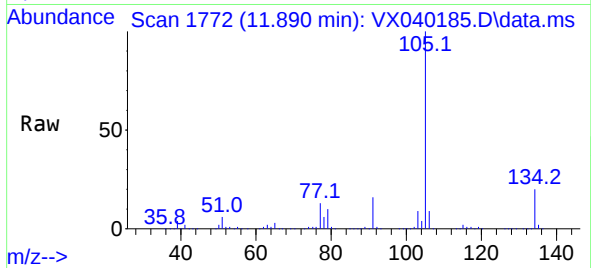




#85  
sec-Butylbenzene  
Concen: 45.900 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

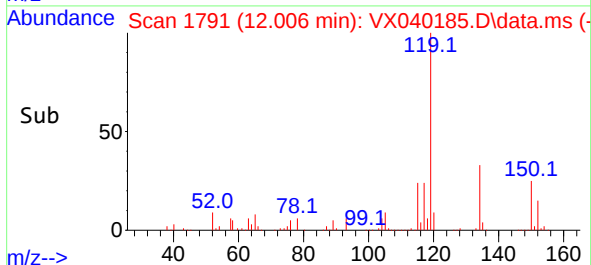
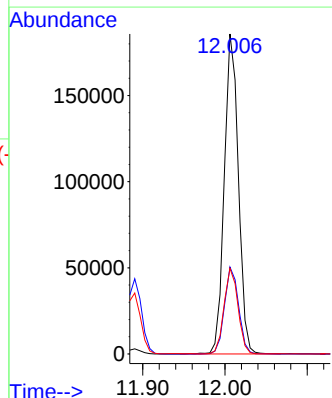
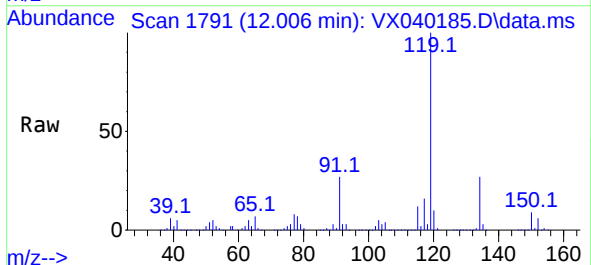
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

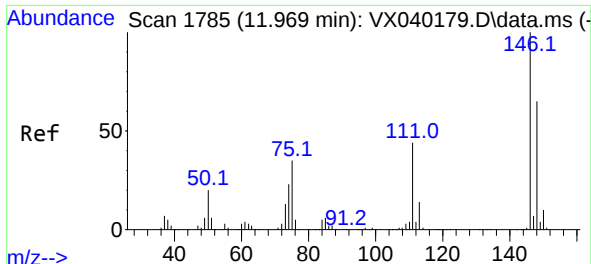
Tgt Ion:105 Resp: 266561  
Ion Ratio Lower Upper  
105 100  
134 20.0 9.8 29.4



#86  
p-Isopropyltoluene  
Concen: 46.380 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion:119 Resp: 220794  
Ion Ratio Lower Upper  
119 100  
134 27.3 12.8 38.3  
91 26.5 13.1 39.3

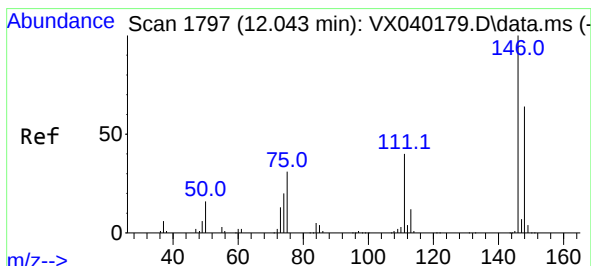
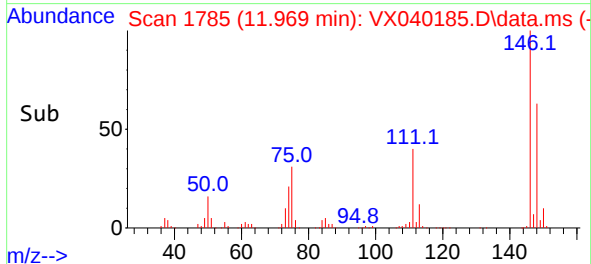
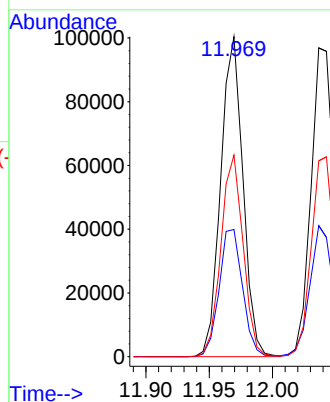
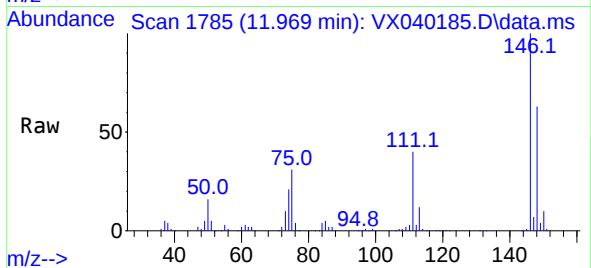




#87  
1,3-Dichlorobenzene  
Concen: 47.837 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

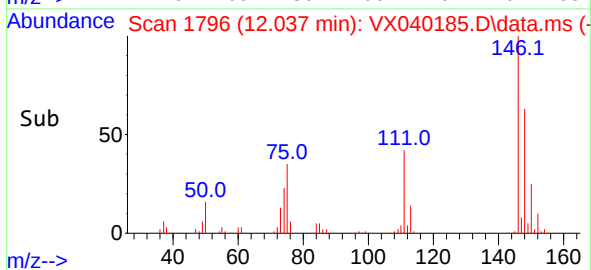
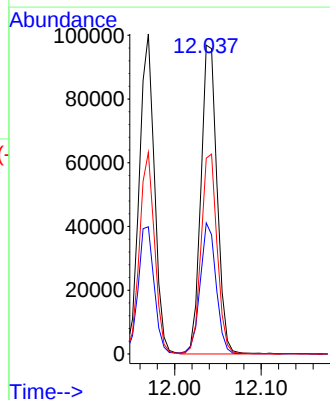
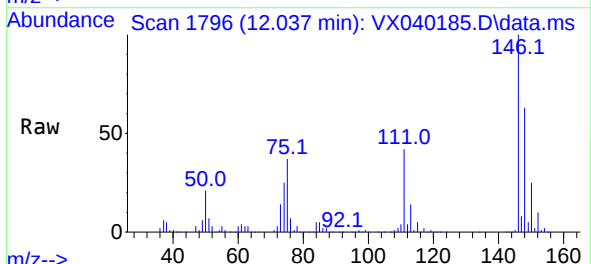
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

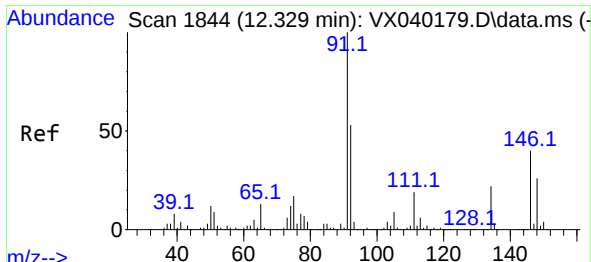
Tgt Ion:146 Resp: 122565  
Ion Ratio Lower Upper  
146 100  
111 41.9 22.1 66.1  
148 62.9 31.8 95.3



#88  
1,4-Dichlorobenzene  
Concen: 46.405 ug/l  
RT: 12.037 min Scan# 1796  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion:146 Resp: 125899  
Ion Ratio Lower Upper  
146 100  
111 41.6 21.3 63.7  
148 64.4 31.8 95.4



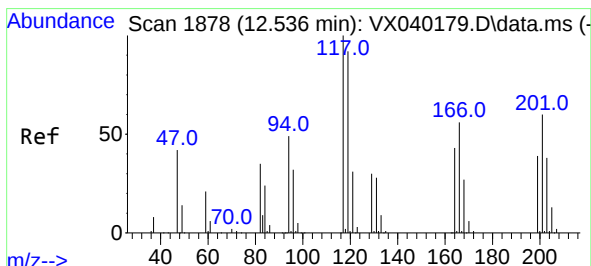
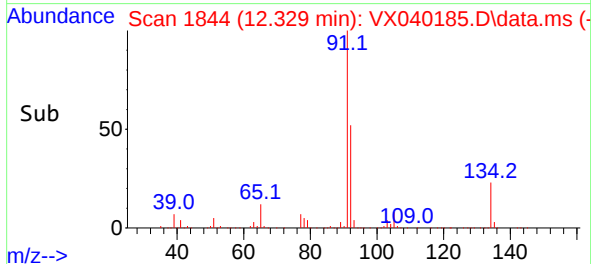
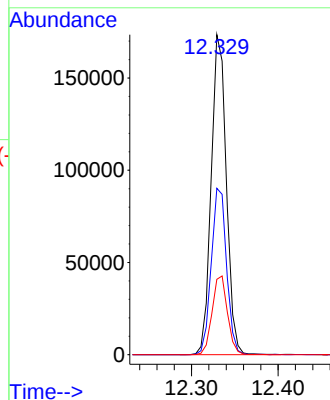
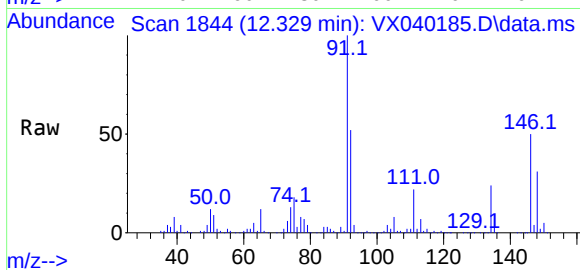


#89  
n-Butylbenzene  
Concen: 45.809 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 91 Resp: 210506

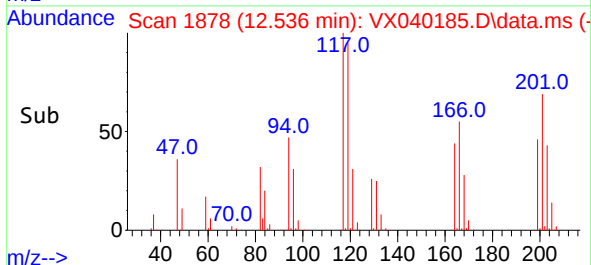
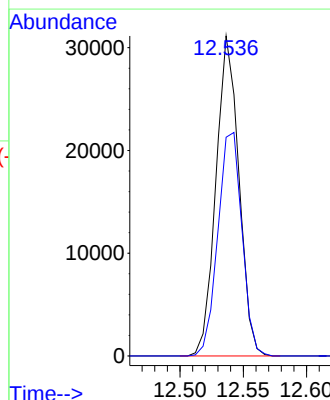
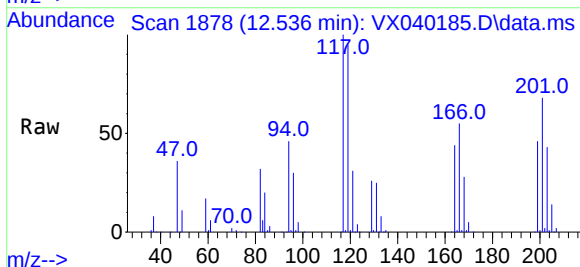
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 52.7  | 27.4  | 82.0  |
| 134 | 25.0  | 12.6  | 37.8  |

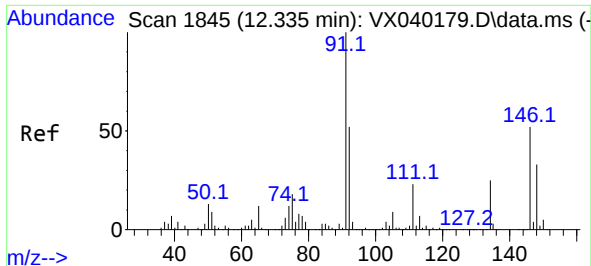


#90  
Hexachloroethane  
Concen: 52.186 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 117 Resp: 39186

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 73.6  | 32.9  | 98.6  |

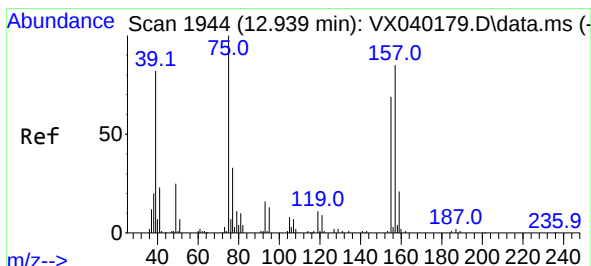
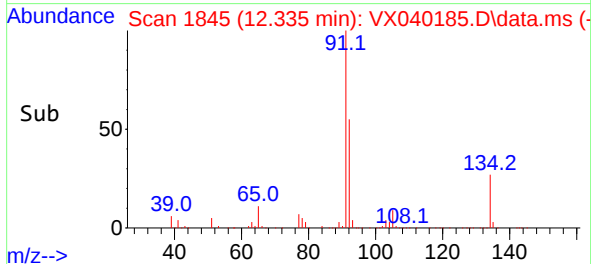
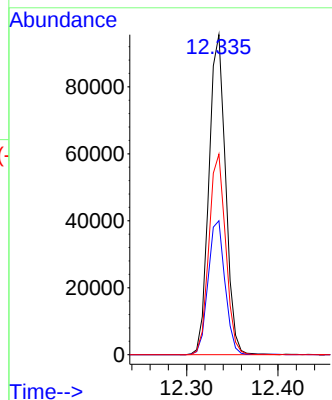
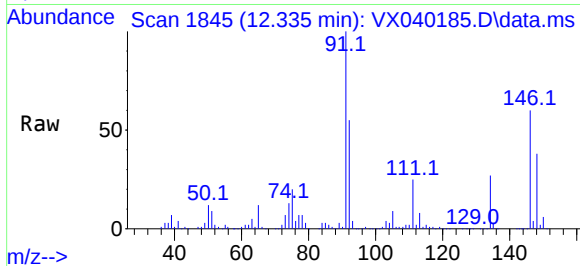




#91  
1,2-Dichlorobenzene  
Concen: 48.704 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

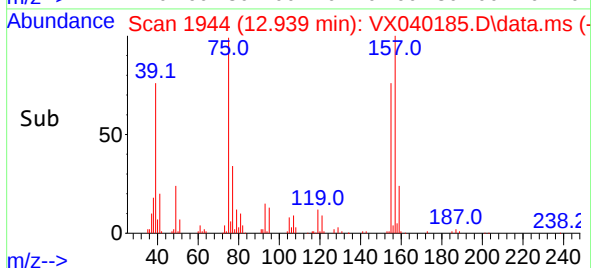
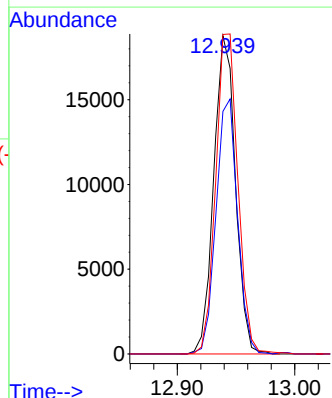
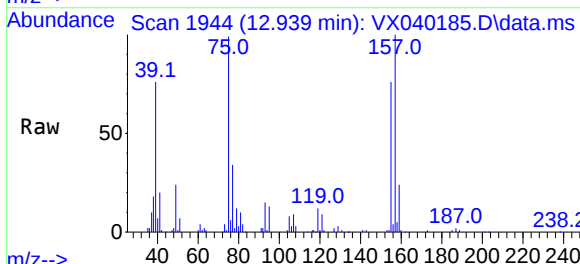
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

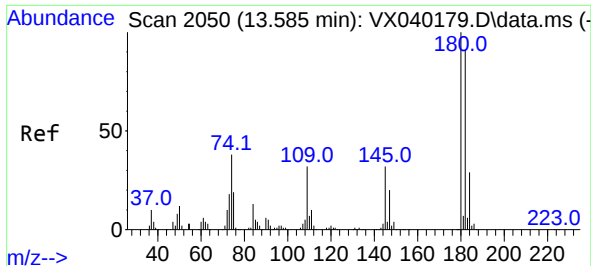
Tgt Ion:146 Resp: 120801  
Ion Ratio Lower Upper  
146 100  
111 42.5 22.4 67.0  
148 63.1 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 52.888 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.006 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion: 75 Resp: 24010  
Ion Ratio Lower Upper  
75 100  
155 79.9 36.1 108.5  
157 103.1 44.9 134.7

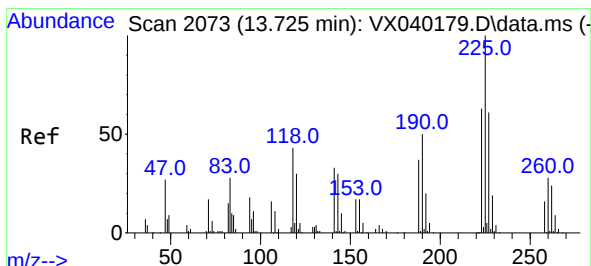
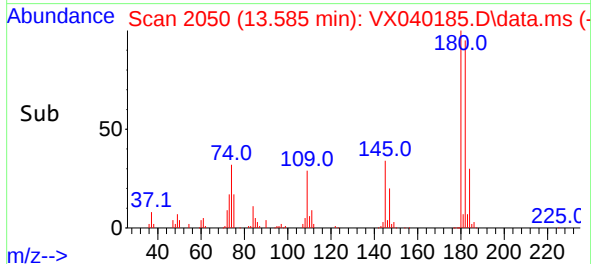
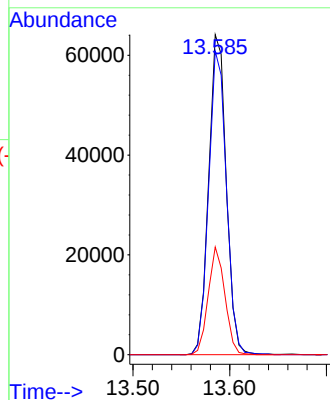
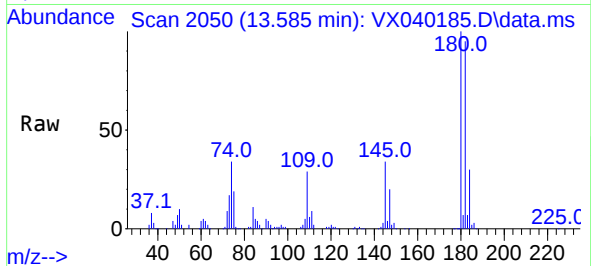




#93  
1,2,4-Trichlorobenzene  
Concen: 47.733 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

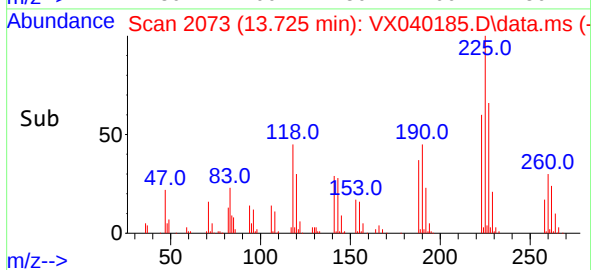
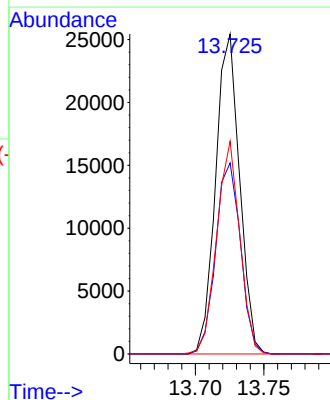
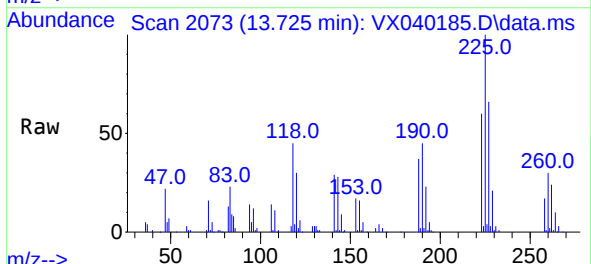
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

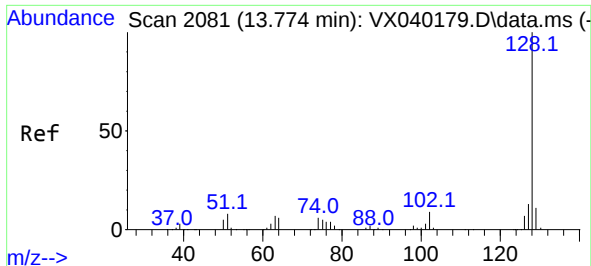
Tgt Ion:180 Resp: 81053  
Ion Ratio Lower Upper  
180 100  
182 95.8 48.3 144.8  
145 32.0 18.0 54.0



#94  
Hexachlorobutadiene  
Concen: 45.590 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion:225 Resp: 30897  
Ion Ratio Lower Upper  
225 100  
223 61.9 31.1 93.2  
227 64.2 32.5 97.5



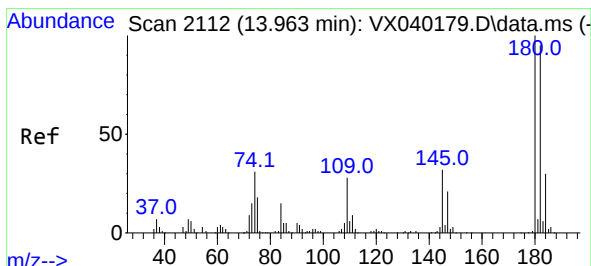
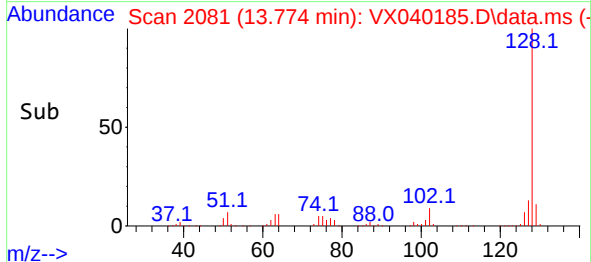
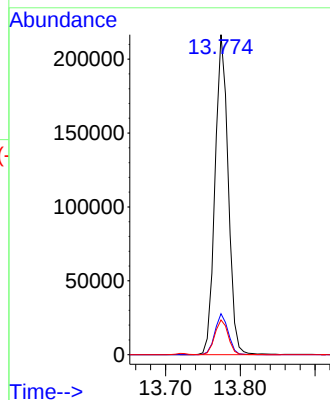
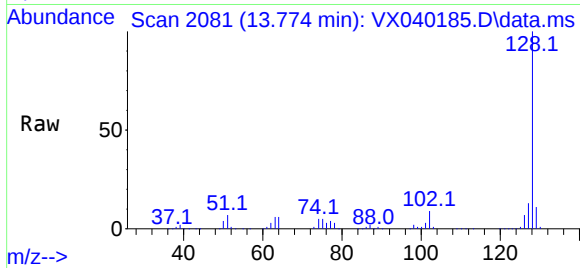


#95  
Naphthalene  
Concen: 49.317 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 264492

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.9  | 10.3  | 15.5  |
| 129 | 11.1  | 8.8   | 13.2  |



#96  
1,2,3-Trichlorobenzene  
Concen: 49.248 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX040185.D  
Acq: 12 Feb 2024 09:32

Tgt Ion:180 Resp: 79712

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 93.9  | 46.9  | 140.6 |
| 145 | 33.4  | 17.8  | 53.5  |

