

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031925\  
 Data File : VX045340.D  
 Acq On : 19 Mar 2025 10:41  
 Operator : JC/MD  
 Sample : VSTDC0020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDC0020

Quant Time: Mar 20 01:30:50 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X022125W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Feb 22 01:06:36 2025  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Bromochloromethane        | 4.897          | 128  | 16449               | 30.000  | ug/l   | 0.01     |
| 28) 1,4-Difluorobenzene      | 6.757          | 114  | 86152               | 30.000  | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.049         | 117  | 80895               | 30.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.946          | 65   | 52421               | 32.812  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = 109.367% |         |        |          |
| 60) 4-Bromofluorobenzene     | 11.079         | 95   | 47245               | 31.246  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = 104.167% |         |        |          |
| 63) Toluene-d8               | 8.647          | 98   | 134720              | 30.103  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = 100.333% |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 28861               | 20.814  | ug/l   | 95       |
| 3) Chloromethane             | 1.307          | 50   | 29803               | 17.945  | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.374          | 62   | 27895               | 17.406  | ug/l   | 93       |
| 5) Bromomethane              | 1.593          | 94   | 12365               | 22.166  | ug/l   | 99       |
| 6) Chloroethane              | 1.666          | 64   | 14707               | 16.944  | ug/l   | 95       |
| 7) Trichlorofluoromethane    | 1.874          | 101  | 40466               | 18.787  | ug/l   | 98       |
| 8) Diethyl Ether             | 2.130          | 74   | 13892               | 17.046  | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319          | 101  | 27092               | 21.178  | ug/l   | 98       |
| 10) 1,1-Dichloroethene       | 2.313          | 96   | 25210               | 20.176  | ug/l   | 93       |
| 11) Methyl Iodide            | 2.441          | 142  | 29634               | 20.954  | ug/l   | 97       |
| 12) Methyl Acetate           | 2.703          | 43   | 48377               | 33.340  | ug/l   | 96       |
| 13) Acrolein                 | 2.233          | 56   | 34607               | 118.988 | ug/l   | 99       |
| 14) Acrylonitrile            | 3.062          | 53   | 80413               | 113.456 | ug/l   | 97       |
| 15) Acetone                  | 2.380          | 58   | 21649               | 111.373 | ug/l   | 93       |
| 16) Carbon Disulfide         | 2.502          | 76   | 57310               | 16.170  | ug/l   | 100      |
| 17) Allyl chloride           | 2.654          | 41   | 45792               | 19.594  | ug/l   | 96       |
| 18) Methylene Chloride       | 2.782          | 84   | 28292               | 20.130  | ug/l   | 94       |
| 19) trans-1,2-Dichloroethene | 3.081          | 96   | 24177               | 19.124  | ug/l   | 90       |
| 20) Diisopropyl ether        | 3.757          | 45   | 89800               | 19.995  | ug/l   | 91       |
| 21) 1,1-Dichloroethane       | 3.605          | 63   | 50635               | 20.273  | ug/l   | 98       |
| 22) cis-1,2-Dichloroethene   | 4.477          | 96   | 30571               | 20.180  | ug/l   | 100      |
| 23) tert-Butyl Alcohol       | 2.977          | 59   | 23432               | 94.701  | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 3.111          | 73   | 82928               | 20.334  | ug/l   | 94       |
| 25) Chloroform               | 5.080          | 83   | 51829               | 21.483  | ug/l   | 99       |
| 26) Cyclohexane              | 5.458          | 56   | 44003               | 19.086  | ug/l # | 99       |
| 29) 1,1-Dichloropropene      | 5.684          | 75   | 32662               | 20.610  | ug/l   | 99       |
| 30) 2-Butanone               | 4.556          | 43   | 113838              | 124.364 | ug/l   | 98       |
| 31) 2,2-Dichloropropane      | 4.465          | 77   | 34312               | 19.147  | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 5.373          | 97   | 41753               | 21.744  | ug/l   | 97       |
| 33) Carbon Tetrachloride     | 5.666          | 117  | 34574               | 21.335  | ug/l   | 96       |
| 34) Benzene                  | 6.031          | 78   | 105267              | 21.181  | ug/l   | 98       |
| 35) Methacrylonitrile        | 4.916          | 41   | 23610               | 24.103  | ug/l   | 97       |
| 36) 1,2-Dichloroethane       | 6.080          | 62   | 39838               | 23.413  | ug/l   | 97       |
| 37) Trichloroethene          | 7.123          | 130  | 24342               | 20.936  | ug/l   | 99       |
| 38) Methylcyclohexane        | 7.373          | 83   | 42471               | 19.959  | ug/l   | 99       |
| 39) 1,2-Dichloropropane      | 7.428          | 63   | 25728               | 20.823  | ug/l   | 98       |
| 40) Dibromomethane           | 7.580          | 93   | 19891               | 22.434  | ug/l   | 95       |
| 41) Bromodichloromethane     | 7.818          | 83   | 39228               | 22.261  | ug/l   | 99       |
| 42) Vinyl Acetate            | 3.715          | 43   | 360651              | 101.532 | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031925\  
 Data File : VX045340.D  
 Acq On : 19 Mar 2025 10:41  
 Operator : JC/MD  
 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

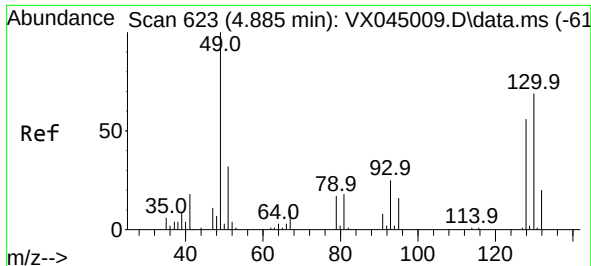
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

Quant Time: Mar 20 01:30:50 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X022125W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Feb 22 01:06:36 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 43) Ethyl Acetate             | 4.708  | 43   | 41125    | 23.957  | ug/l  | 97       |
| 44) Isopropyl Acetate         | 6.342  | 43   | 62292    | 22.048  | ug/l  | 98       |
| 45) 1,4-Dioxane               | 7.659  | 88   | 11574    | 394.071 | ug/l  | 99       |
| 46) Methyl methacrylate       | 7.690  | 41   | 33143    | 23.923  | ug/l  | 91       |
| 47) n-amyl Acetate            | 10.842 | 43   | 50805    | 20.723  | ug/l  | 99       |
| 48) t-1,3-Dichloropropene     | 8.976  | 75   | 32357    | 19.050  | ug/l  | 98       |
| 49) cis-1,3-Dichloropropene   | 8.360  | 75   | 38687    | 20.120  | ug/l  | 94       |
| 50) 1,1,2-Trichloroethane     | 9.147  | 97   | 25507    | 22.055  | ug/l  | 96       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 38805    | 21.334  | ug/l  | 95       |
| 52) 1,3-Dichloropropane       | 9.305  | 76   | 45730    | 22.567  | ug/l  | 98       |
| 53) Dibromochloromethane      | 9.519  | 129  | 27768    | 21.709  | ug/l  | 96       |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 25822    | 21.988  | ug/l  | 98       |
| 55) 2-Chloroethyl vinyl ether | 8.238  | 63   | 96601    | 103.422 | ug/l  | 99       |
| 56) Bromoform                 | 10.799 | 173  | 16989    | 21.196  | ug/l  | 99       |
| 58) 4-Methyl-2-Pentanone      | 8.568  | 43   | 224283   | 121.880 | ug/l  | 100      |
| 59) 2-Hexanone                | 9.427  | 43   | 163850   | 123.186 | ug/l  | 98       |
| 61) Tetrachloroethene         | 9.269  | 164  | 21660    | 21.744  | ug/l  | 95       |
| 62) Toluene                   | 8.714  | 91   | 111284   | 20.767  | ug/l  | 99       |
| 64) Chlorobenzene             | 10.079 | 112  | 69016    | 20.784  | ug/l  | 98       |
| 65) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 23101    | 21.083  | ug/l  | 99       |
| 66) Ethyl Benzene             | 10.189 | 91   | 122105   | 20.813  | ug/l  | 98       |
| 67) m/p-Xylenes               | 10.299 | 106  | 92122    | 42.144  | ug/l  | 97       |
| 68) o-Xylene                  | 10.640 | 106  | 43730    | 20.390  | ug/l  | 93       |
| 69) Styrene                   | 10.653 | 104  | 75199    | 20.993  | ug/l  | 98       |
| 70) Isopropylbenzene          | 10.957 | 105  | 119932   | 21.669  | ug/l  | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 41882    | 23.012  | ug/l  | 98       |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 43113    | 28.801  | ug/l  | 83       |
| 73) Bromobenzene              | 11.195 | 156  | 26330    | 20.665  | ug/l  | 97       |
| 74) n-propylbenzene           | 11.299 | 91   | 138300   | 20.998  | ug/l  | 98       |
| 75) 2-Chlorotoluene           | 11.360 | 91   | 86063    | 21.614  | ug/l  | 98       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 97415    | 21.335  | ug/l  | 100      |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 9701     | 19.262  | ug/l  | 81       |
| 78) 4-Chlorotoluene           | 11.451 | 91   | 94621    | 21.317  | ug/l  | 97       |
| 79) tert-butylbenzene         | 11.713 | 119  | 96957    | 21.075  | ug/l  | 97       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 97205    | 21.253  | ug/l  | 99       |
| 81) sec-Butylbenzene          | 11.890 | 105  | 125123   | 21.671  | ug/l  | 99       |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 99482    | 21.265  | ug/l  | 98       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 48062    | 20.274  | ug/l  | 98       |
| 84) 1,4-Dichlorobenzene       | 12.036 | 146  | 48764    | 20.863  | ug/l  | 99       |
| 85) n-Butylbenzene            | 12.329 | 91   | 86472    | 20.241  | ug/l  | 99       |
| 86) Hexachloroethane          | 12.536 | 117  | 16565    | 20.077  | ug/l  | 98       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 48429    | 20.821  | ug/l  | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 8082     | 22.936  | ug/l  | 95       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 27076    | 19.206  | ug/l  | 97       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 11744    | 20.427  | ug/l  | 94       |
| 91) Naphthalene               | 13.774 | 128  | 99680    | 20.053  | ug/l  | 99       |
| 92) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 28538    | 19.663  | ug/l  | 98       |

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

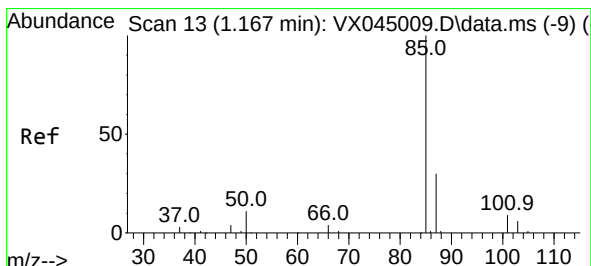
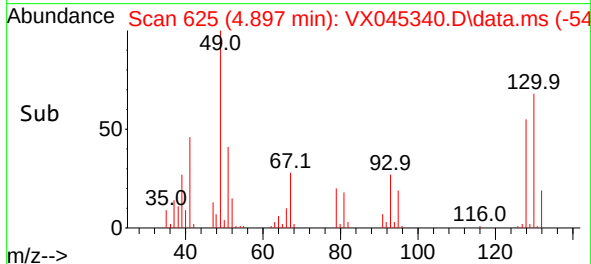
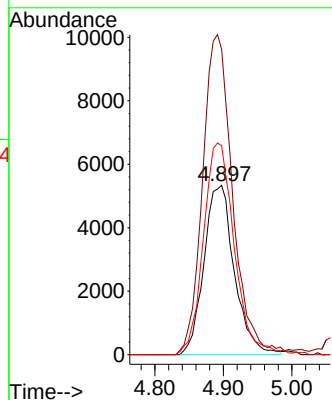
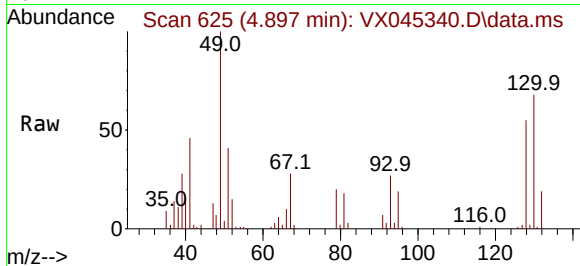




#1  
 Bromochloromethane  
 Concen: 30.000 ug/l  
 RT: 4.897 min Scan# 61  
 Delta R.T. 0.012 min  
 Lab File: VX045340.D  
 Acq: 19 Mar 2025 10:41

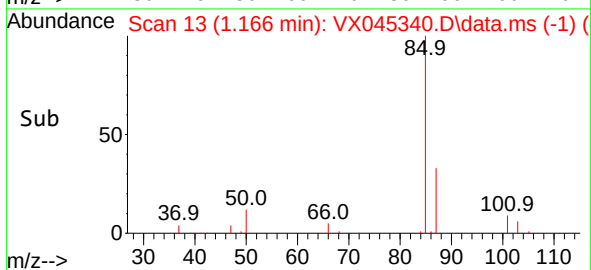
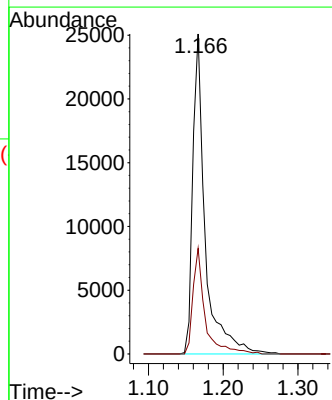
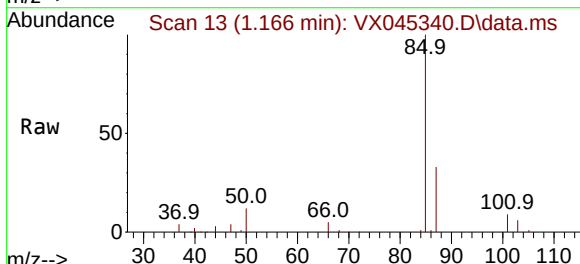
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

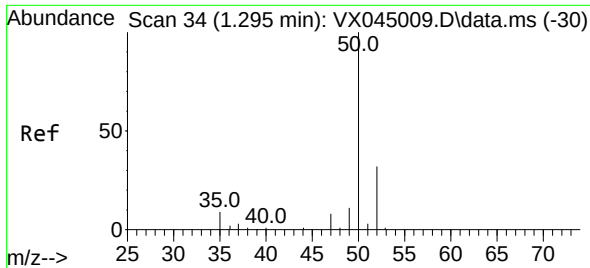
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|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 16449 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 49       | 184.3 | 0.0   | 449.7 |
| 130      | 126.2 | 0.0   | 312.7 |



#2  
 Dichlorodifluoromethane  
 Concen: 20.814 ug/l  
 RT: 1.166 min Scan# 13  
 Delta R.T. -0.000 min  
 Lab File: VX045340.D  
 Acq: 19 Mar 2025 10:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 85    | Resp: | 28861 |
| Ion      | Ratio | Lower | Upper |
| 85       | 100   |       |       |
| 87       | 33.0  | 15.1  | 45.3  |

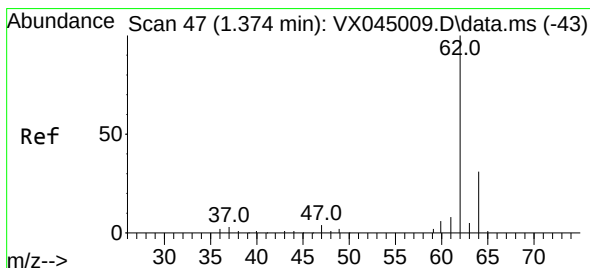
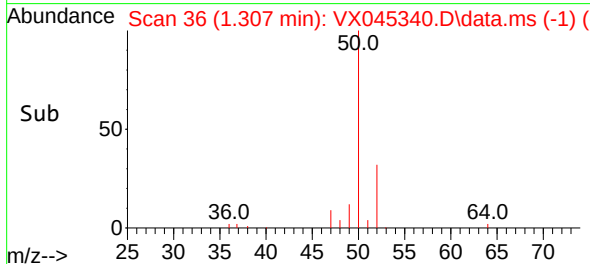
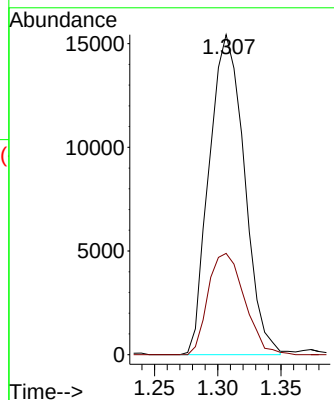
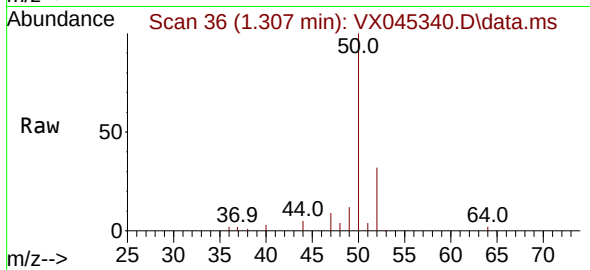




#3  
Chloromethane  
Concen: 17.945 ug/l  
RT: 1.307 min Scan# 30  
Delta R.T. 0.012 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

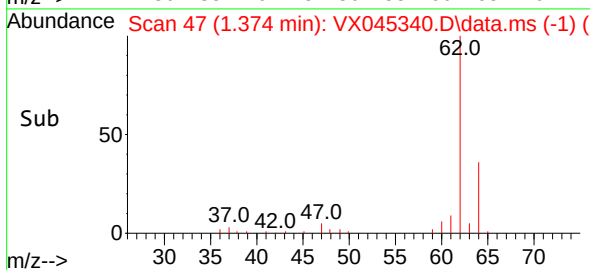
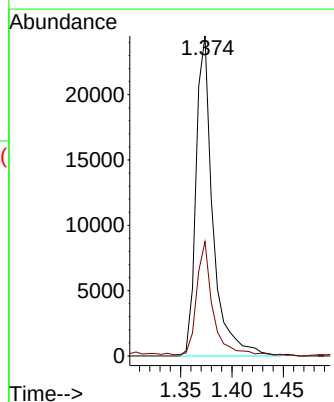
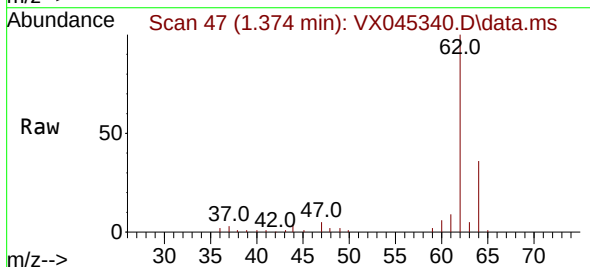
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

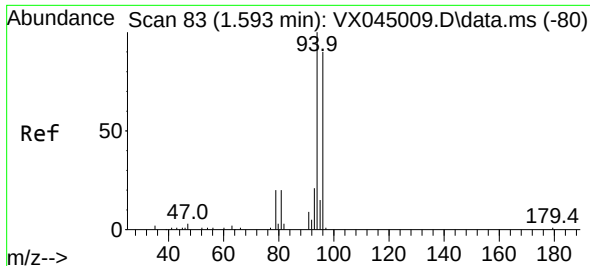
Tgt Ion: 50 Resp: 29803  
Ion Ratio Lower Upper  
50 100  
52 31.7 25.7 38.5



#4  
Vinyl Chloride  
Concen: 17.406 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 62 Resp: 27895  
Ion Ratio Lower Upper  
62 100  
64 35.3 25.1 37.7

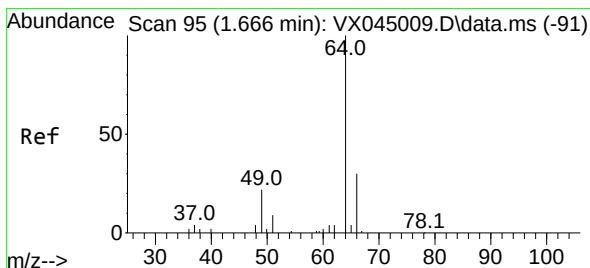
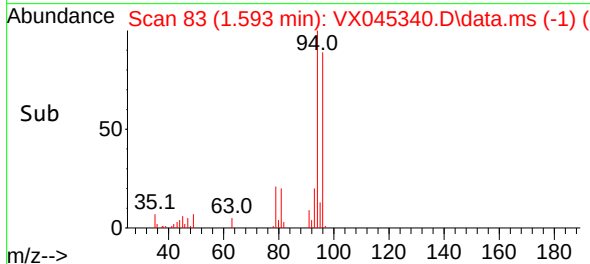
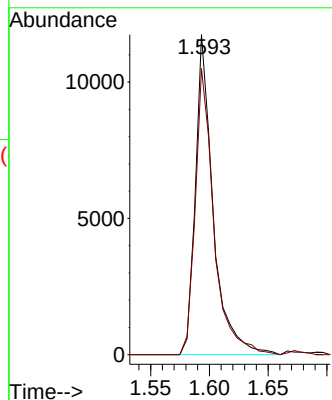
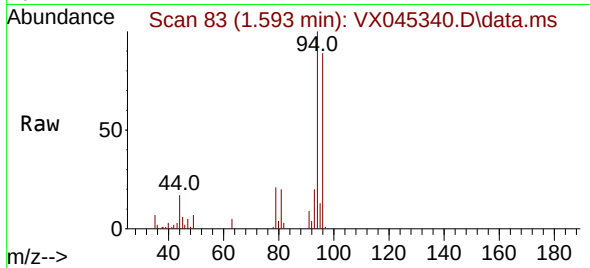




#5  
Bromomethane  
Concen: 22.166 ug/l  
RT: 1.593 min Scan# 83  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

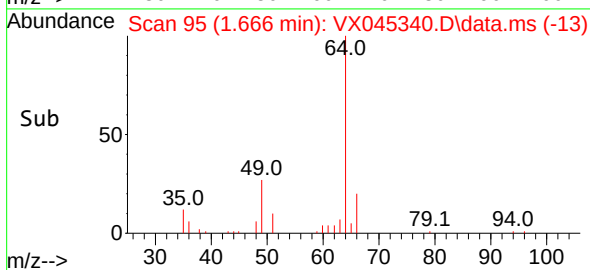
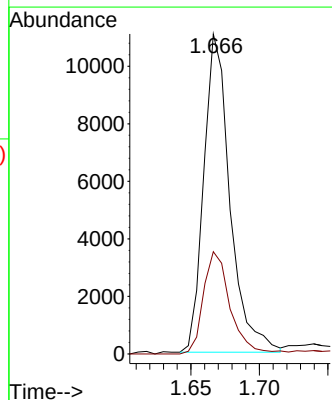
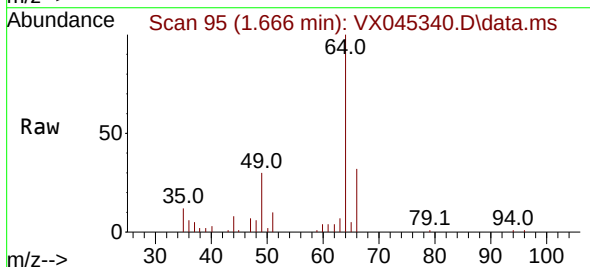
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

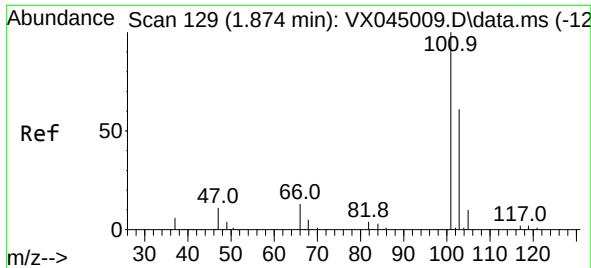
Tgt Ion: 94 Resp: 12365  
Ion Ratio Lower Upper  
94 100  
96 89.4 72.2 108.4



#6  
Chloroethane  
Concen: 16.944 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 64 Resp: 14707  
Ion Ratio Lower Upper  
64 100  
66 32.2 23.7 35.5

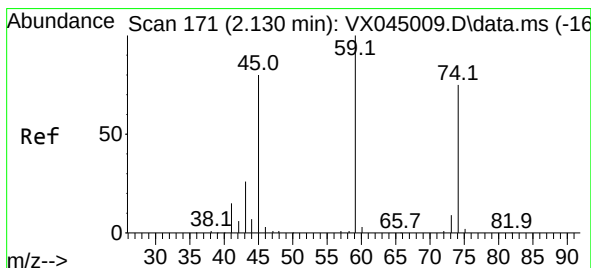
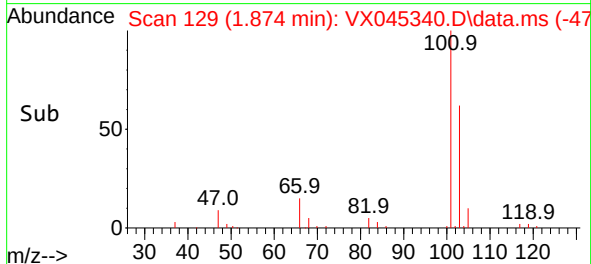
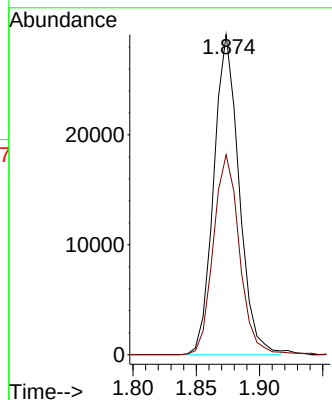
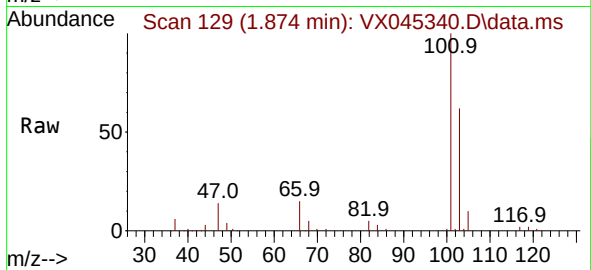




#7  
 Trichlorofluoromethane  
 Concen: 18.787 ug/l  
 RT: 1.874 min Scan# 129  
 Delta R.T. -0.000 min  
 Lab File: VX045340.D  
 Acq: 19 Mar 2025 10:41

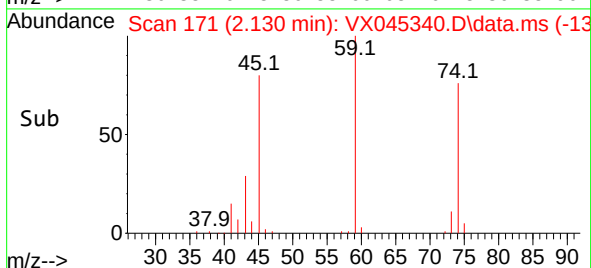
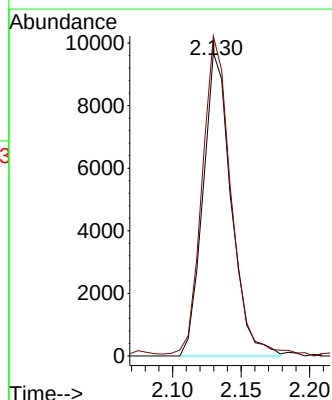
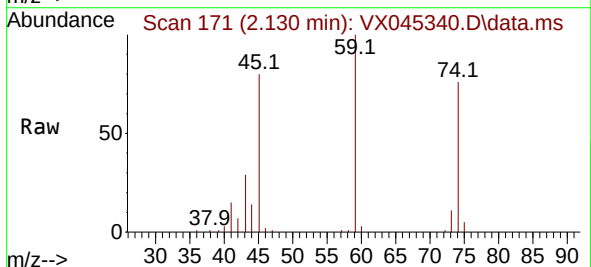
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

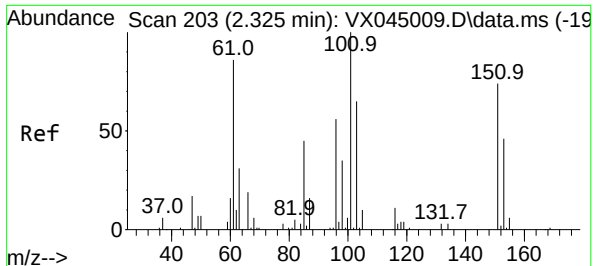
Tgt Ion:101 Resp: 40466  
 Ion Ratio Lower Upper  
 101 100  
 103 62.4 48.8 73.2



#8  
 Diethyl Ether  
 Concen: 17.046 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. -0.000 min  
 Lab File: VX045340.D  
 Acq: 19 Mar 2025 10:41

Tgt Ion: 74 Resp: 13892  
 Ion Ratio Lower Upper  
 74 100  
 45 106.3 20.8 186.8

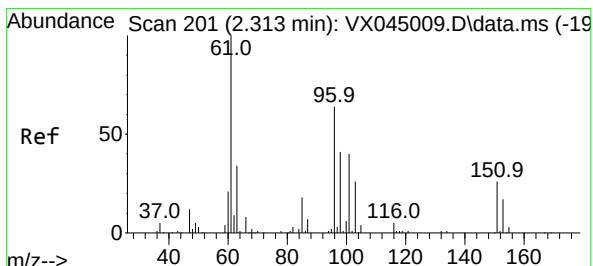
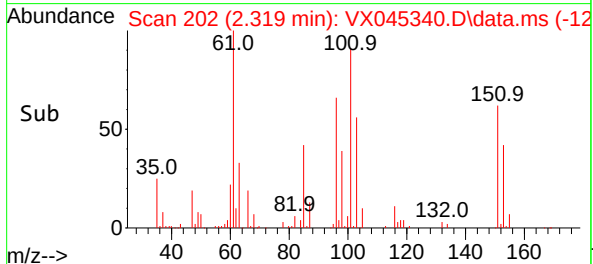
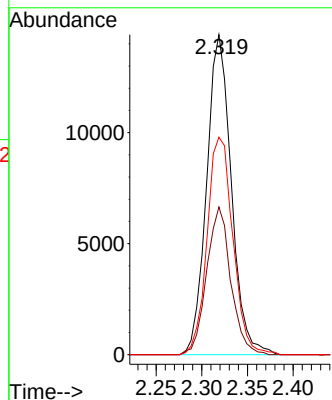
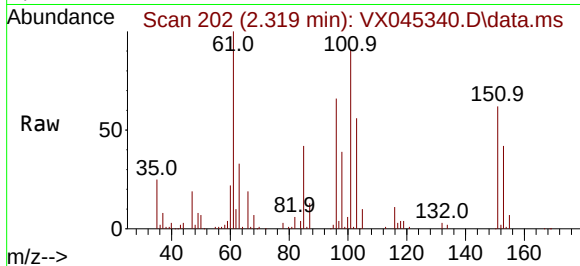




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 21.178 ug/l  
 RT: 2.319 min Scan# 202  
 Delta R.T. -0.006 min  
 Lab File: VX045340.D  
 Acq: 19 Mar 2025 10:41

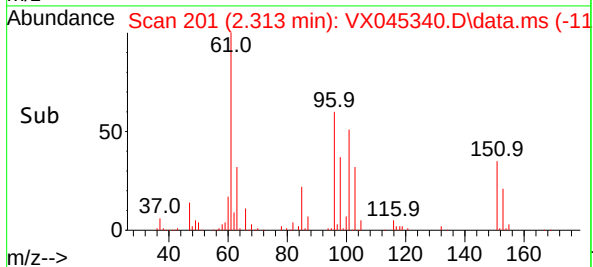
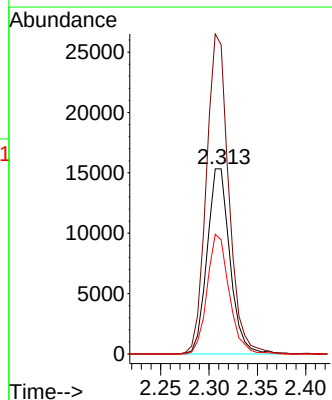
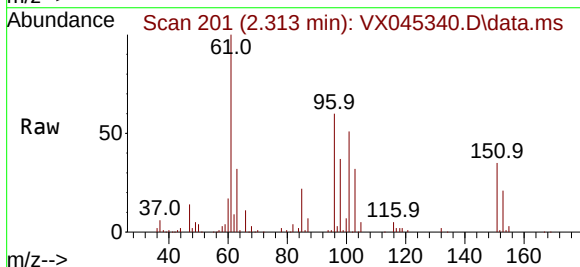
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

Tgt Ion:101 Resp: 27092  
 Ion Ratio Lower Upper  
 101 100  
 85 45.1 0.0 90.6  
 151 71.1 0.0 147.6

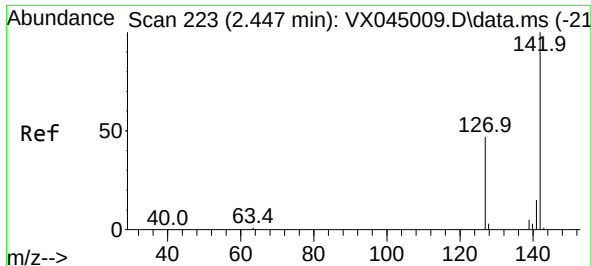


#10  
 1,1-Dichloroethene  
 Concen: 20.176 ug/l  
 RT: 2.313 min Scan# 201  
 Delta R.T. -0.000 min  
 Lab File: VX045340.D  
 Acq: 19 Mar 2025 10:41

Tgt Ion: 96 Resp: 25210  
 Ion Ratio Lower Upper  
 96 100  
 61 167.0 124.2 186.2  
 98 61.7 51.1 76.7

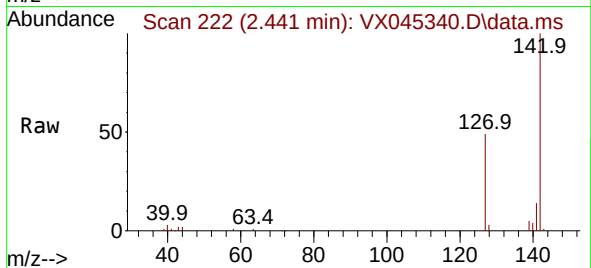




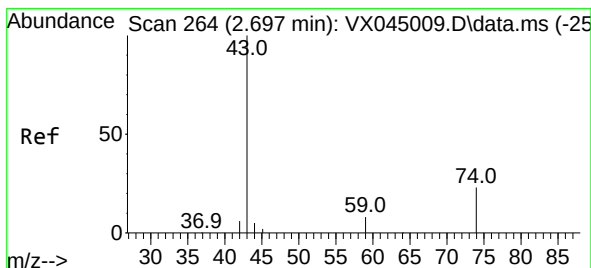
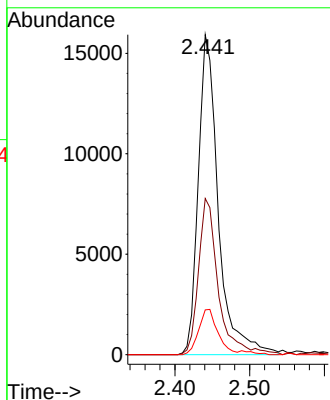
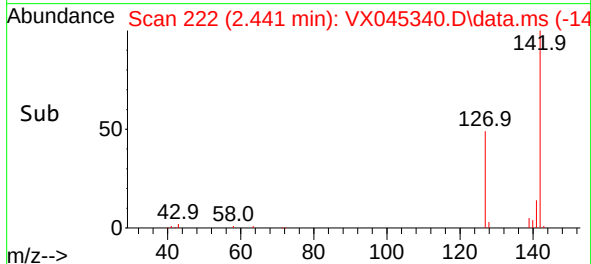


#11  
Methyl Iodide  
Concen: 20.954 ug/l  
RT: 2.441 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

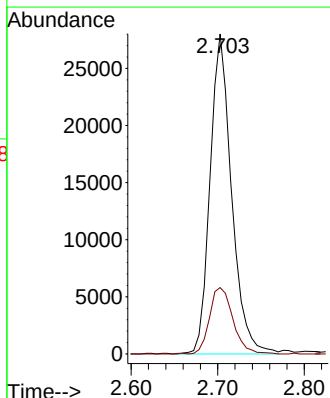
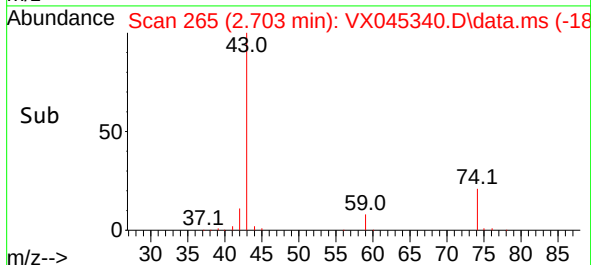
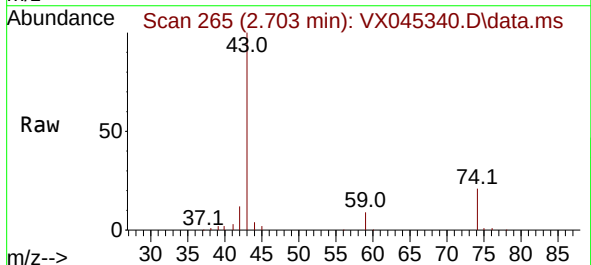


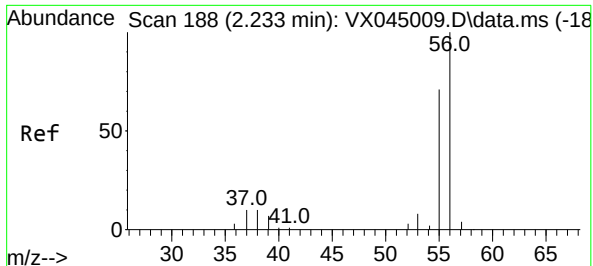
Tgt Ion:142 Resp: 29634  
Ion Ratio Lower Upper  
142 100  
127 48.7 23.3 69.9  
141 14.0 7.5 22.6



#12  
Methyl Acetate  
Concen: 33.340 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.006 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 43 Resp: 48377  
Ion Ratio Lower Upper  
43 100  
74 20.7 17.9 26.9

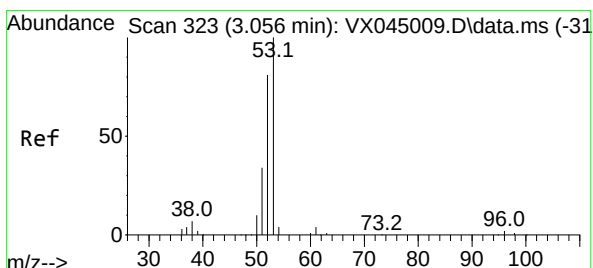
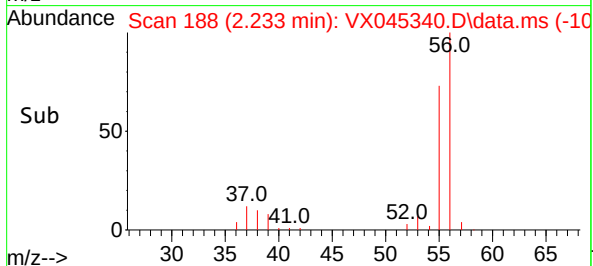
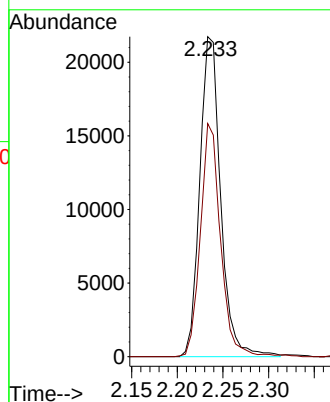
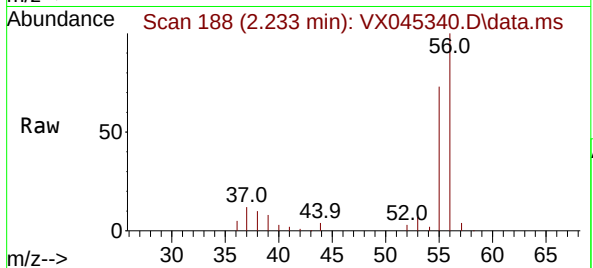




#13  
Acrolein  
Concen: 118.988 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

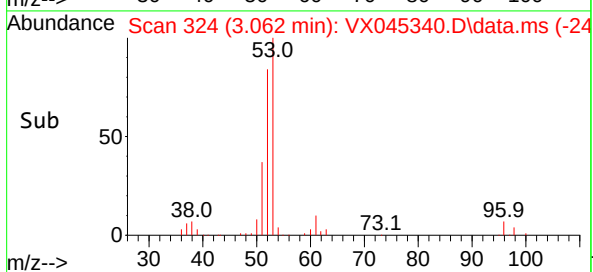
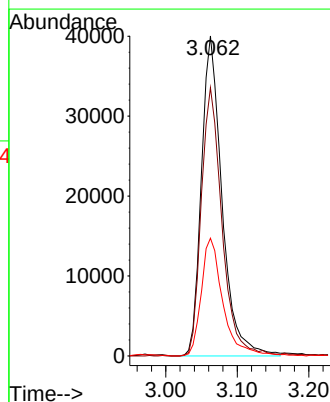
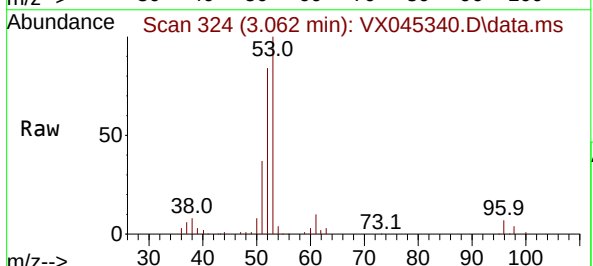
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

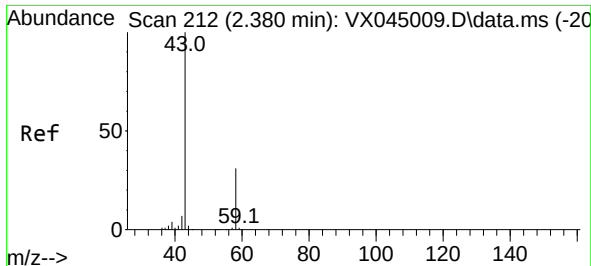
Tgt Ion: 56 Resp: 34607  
Ion Ratio Lower Upper  
56 100  
55 68.9 55.4 83.2



#14  
Acrylonitrile  
Concen: 113.456 ug/l  
RT: 3.062 min Scan# 324  
Delta R.T. 0.006 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 53 Resp: 80413  
Ion Ratio Lower Upper  
53 100  
52 84.1 40.9 122.8  
51 38.4 18.0 54.0

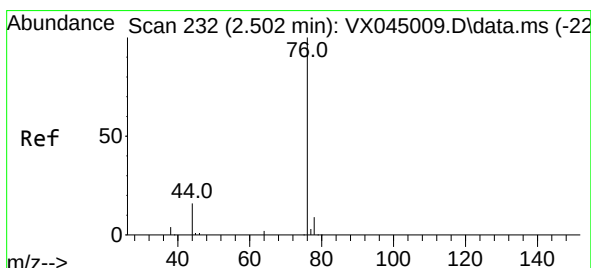
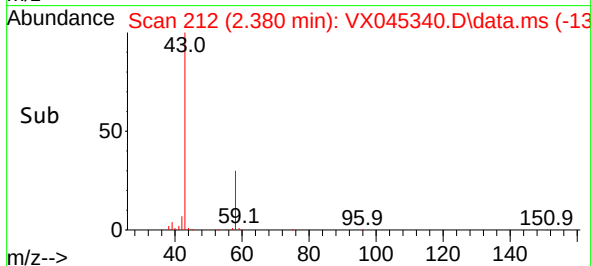
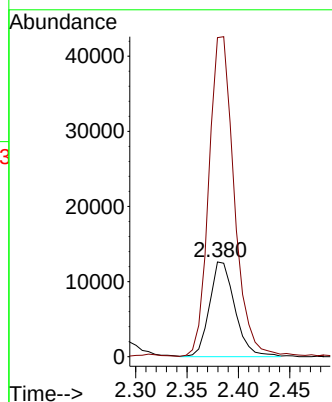
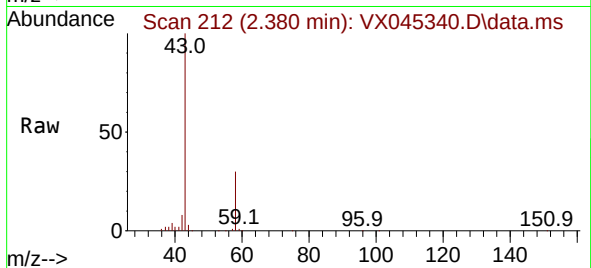




#15  
Acetone  
Concen: 111.373 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

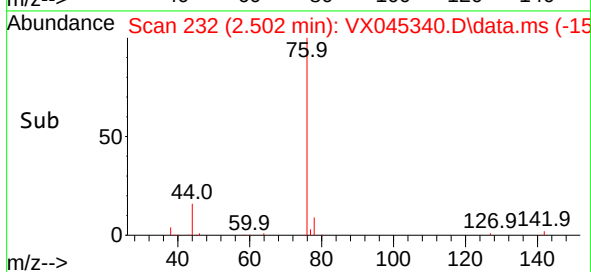
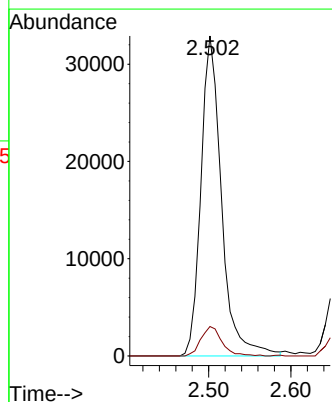
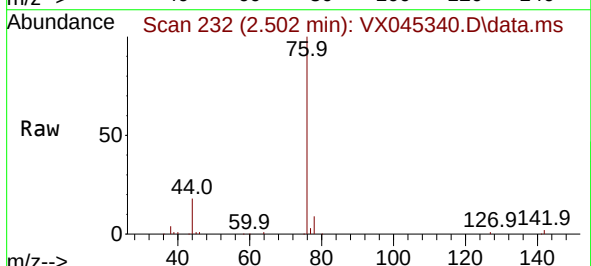
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

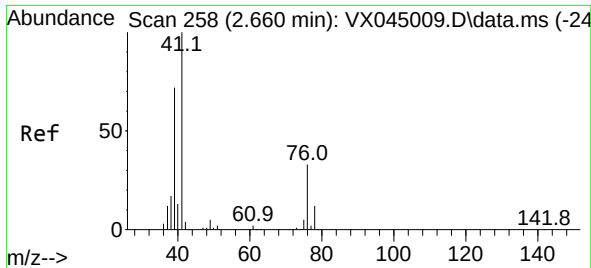
Tgt Ion: 58 Resp: 21649  
Ion Ratio Lower Upper  
58 100  
43 337.7 258.6 388.0



#16  
Carbon Disulfide  
Concen: 16.170 ug/l  
RT: 2.502 min Scan# 232  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 76 Resp: 57310  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.3 10.9

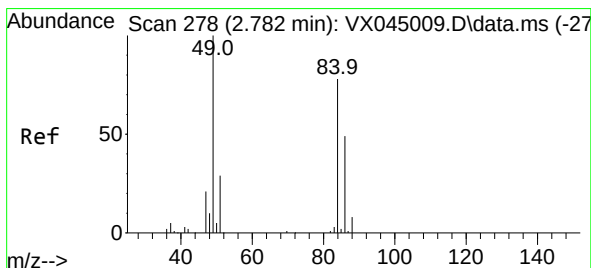
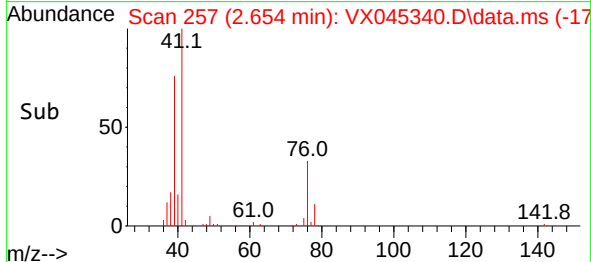
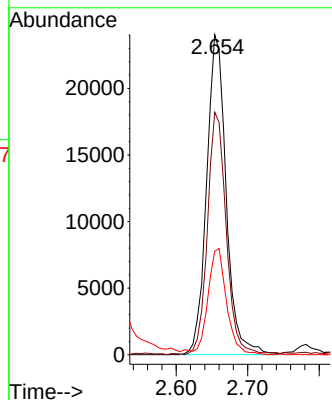
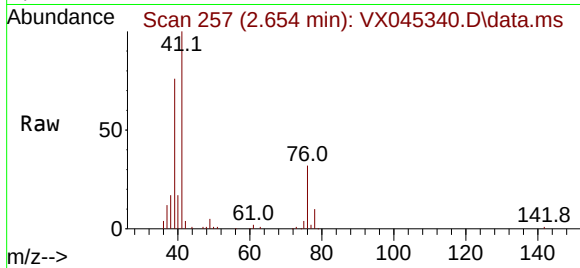




#17  
 Allyl chloride  
 Concen: 19.594 ug/l  
 RT: 2.654 min Scan# 257  
 Delta R.T. -0.006 min  
 Lab File: VX045340.D  
 Acq: 19 Mar 2025 10:41

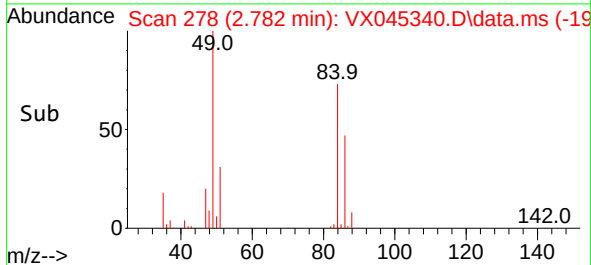
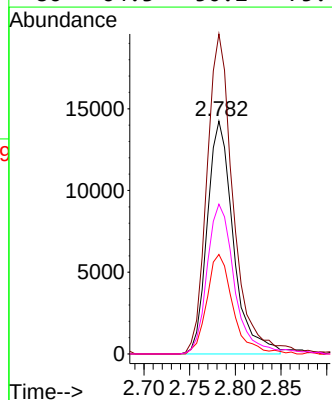
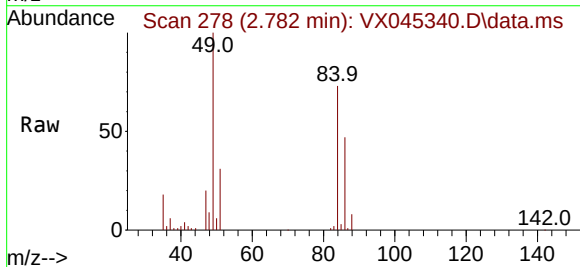
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

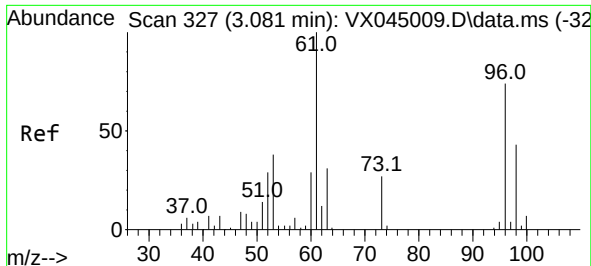
Tgt Ion: 41 Resp: 45792  
 Ion Ratio Lower Upper  
 41 100  
 39 75.5 36.2 108.6  
 76 32.1 17.2 51.5



#18  
 Methylene Chloride  
 Concen: 20.130 ug/l  
 RT: 2.782 min Scan# 278  
 Delta R.T. -0.000 min  
 Lab File: VX045340.D  
 Acq: 19 Mar 2025 10:41

Tgt Ion: 84 Resp: 28292  
 Ion Ratio Lower Upper  
 84 100  
 49 137.5 102.8 154.2  
 51 42.8 30.1 45.1  
 86 64.3 50.2 75.4

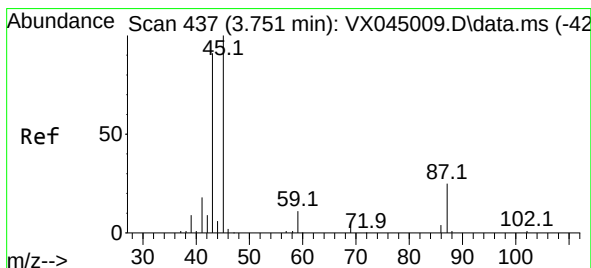
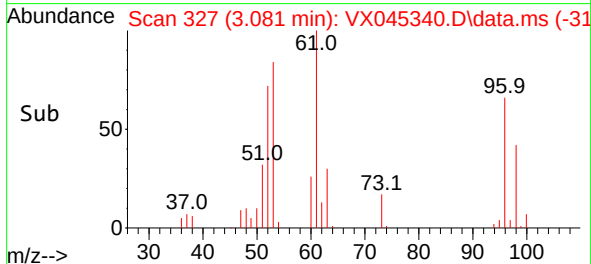
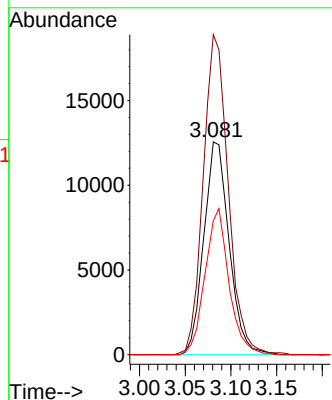
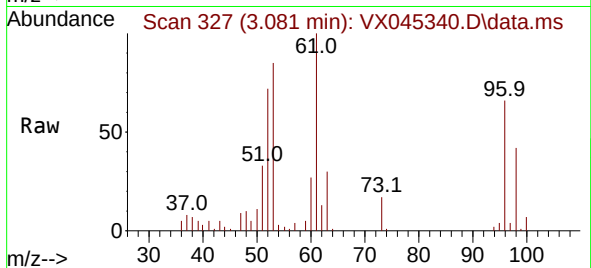




#19  
trans-1,2-Dichloroethene  
Concen: 19.124 ug/l  
RT: 3.081 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

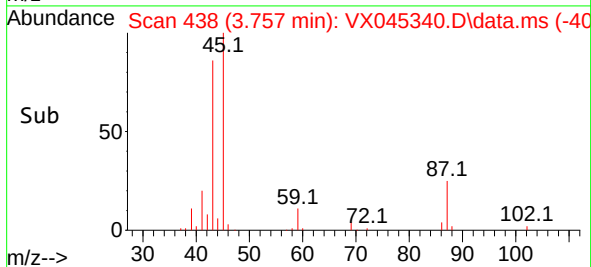
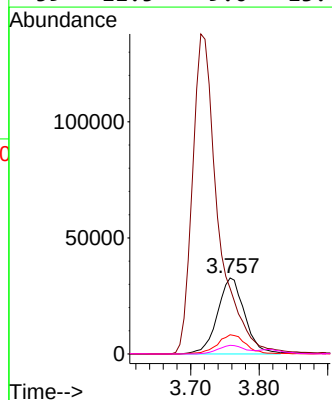
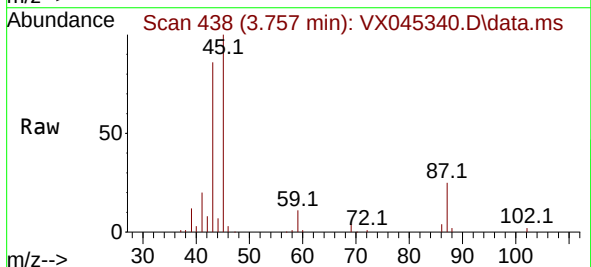
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

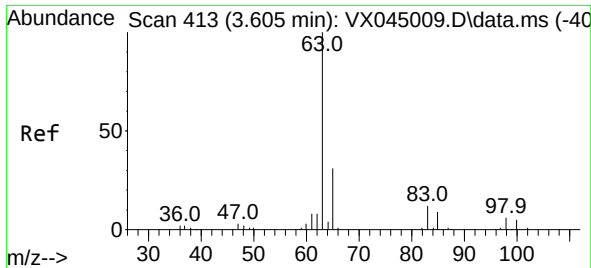
Tgt Ion: 96 Resp: 24177  
Ion Ratio Lower Upper  
96 100  
61 149.5 108.6 163.0  
98 63.0 46.5 69.7



#20  
Diisopropyl ether  
Concen: 19.995 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.006 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 45 Resp: 89800  
Ion Ratio Lower Upper  
45 100  
43 81.6 74.4 111.6  
87 25.2 19.8 29.8  
59 11.5 9.0 13.4

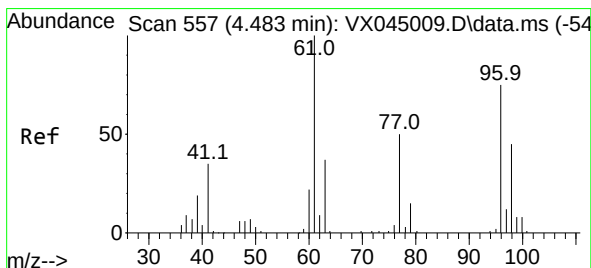
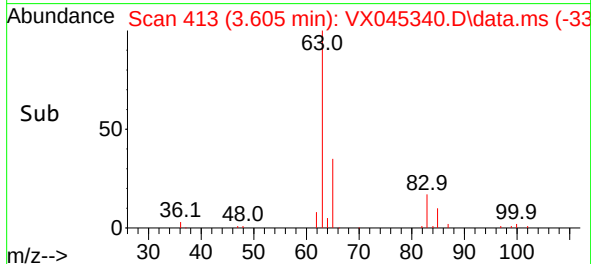
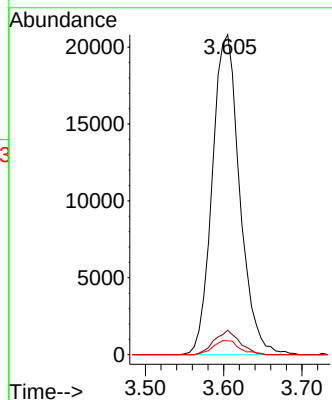
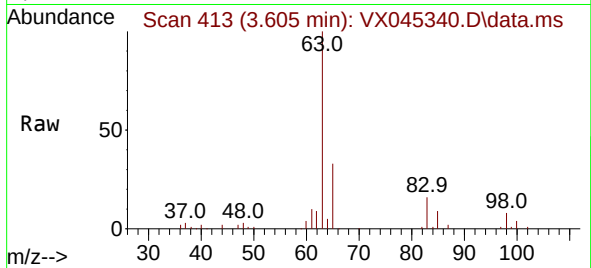




#21  
1,1-Dichloroethane  
Concen: 20.273 ug/l  
RT: 3.605 min Scan# 413  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

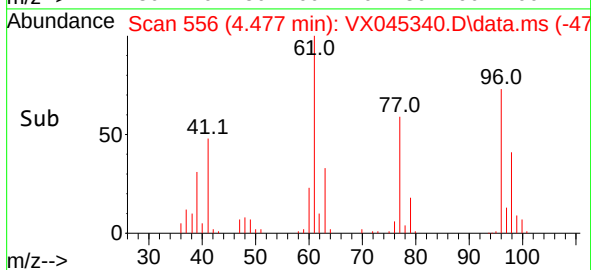
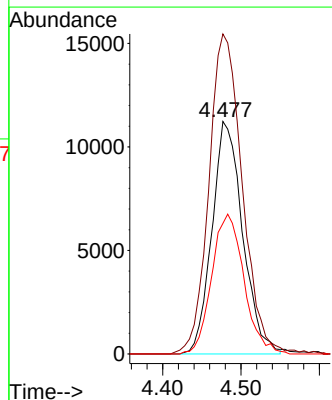
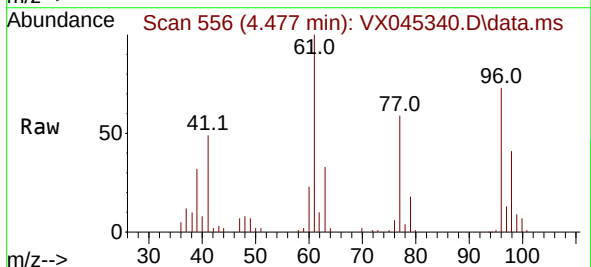
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

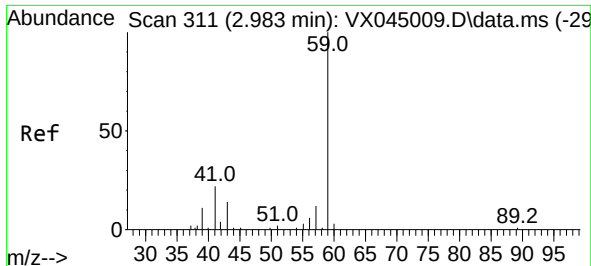
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 63    | Resp: | 50635 |
| Ion Ratio | Lower | Upper |       |
| 63        | 100   |       |       |
| 98        | 7.6   | 3.3   | 9.8   |
| 100       | 4.3   | 2.4   | 7.1   |



#22  
cis-1,2-Dichloroethene  
Concen: 20.180 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. -0.006 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 30571 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 148.9 | 118.9 | 178.3 |
| 98        | 63.2  | 50.7  | 76.1  |

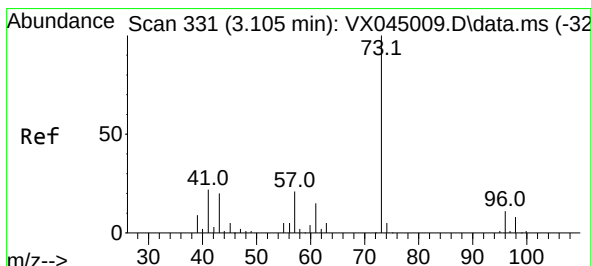
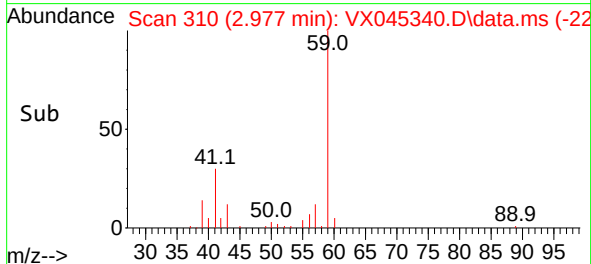
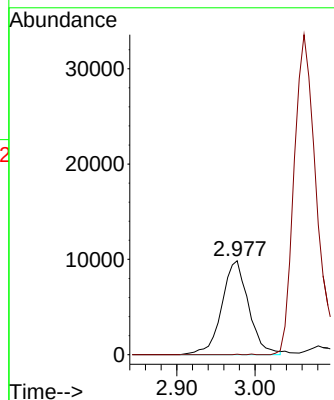
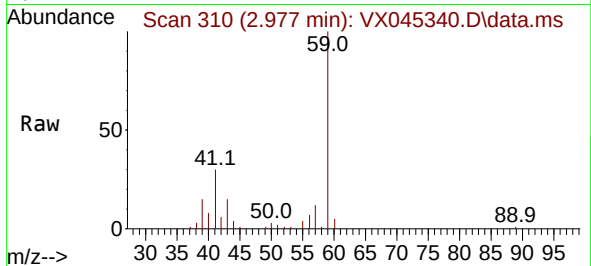




#23  
tert-Butyl Alcohol  
Concen: 94.701 ug/l  
RT: 2.977 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

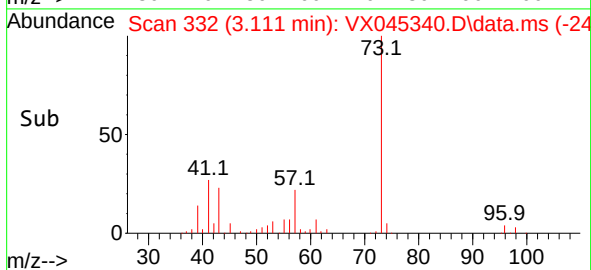
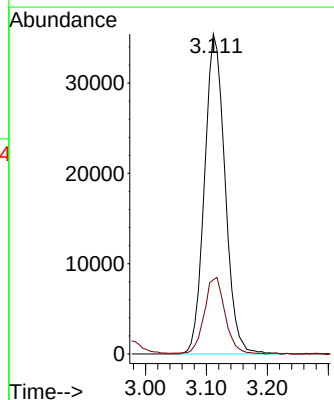
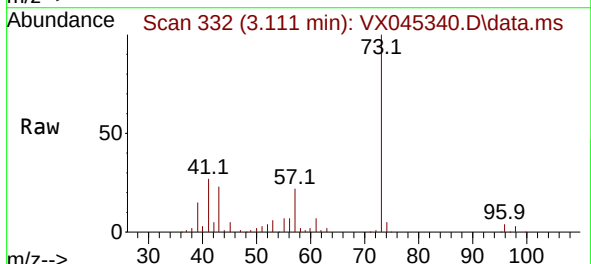
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

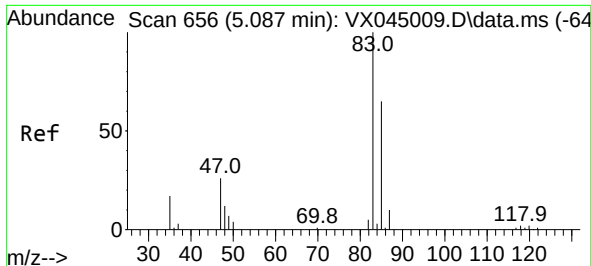
Tgt Ion: 59 Resp: 23432  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0



#24  
Methyl tert-Butyl Ether  
Concen: 20.334 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. 0.006 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 73 Resp: 82928  
Ion Ratio Lower Upper  
73 100  
43 24.4 17.4 26.0





#25

Chloroform

Concen: 21.483 ug/l

RT: 5.080 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

Instrument :

MSVOA\_X

ClientSampleId :

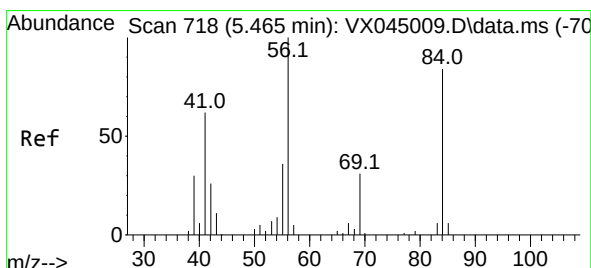
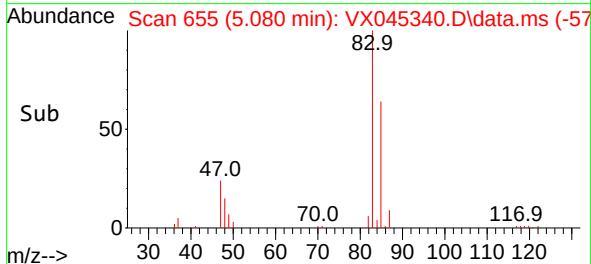
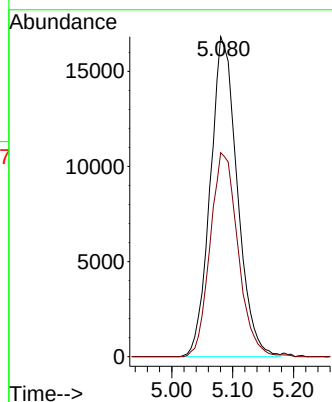
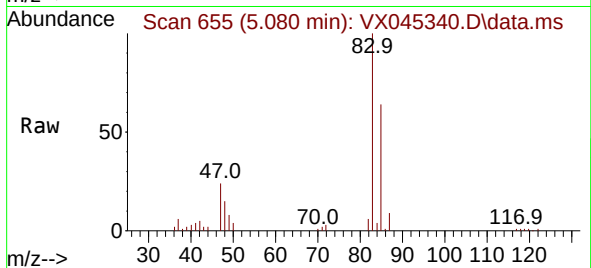
VSTDCCC020

Tgt Ion: 83 Resp: 51829

Ion Ratio Lower Upper

83 100

85 63.8 51.7 77.5



#26

Cyclohexane

Concen: 19.086 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

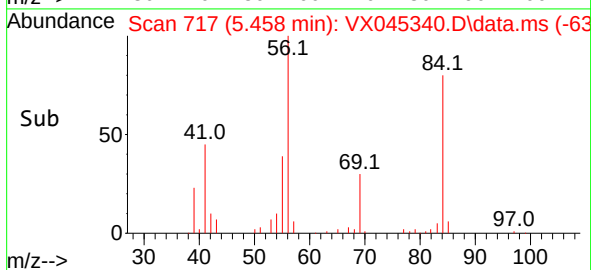
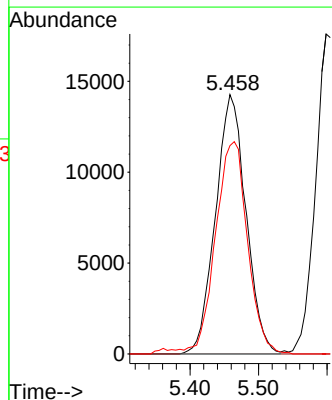
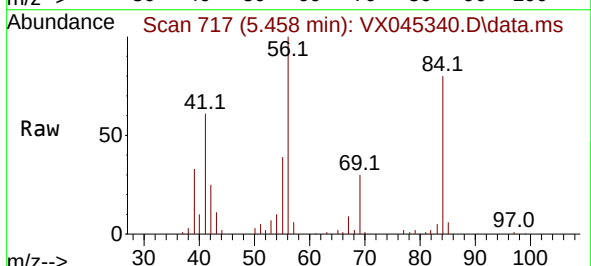
Tgt Ion: 56 Resp: 44003

Ion Ratio Lower Upper

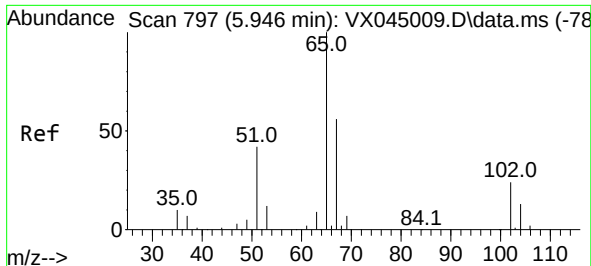
56 100

89 0.0 0.0 0.0

84 84.7 67.1 100.7







#27

1,2-Dichloroethane-d4

Concen: 32.812 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

Instrument :

MSVOA\_X

ClientSampleId :

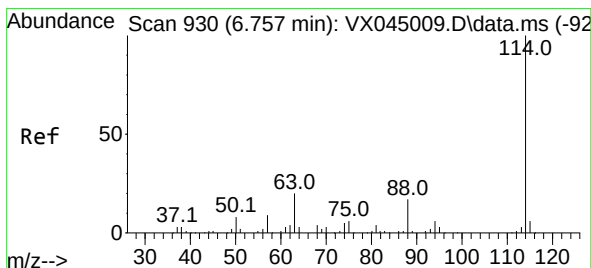
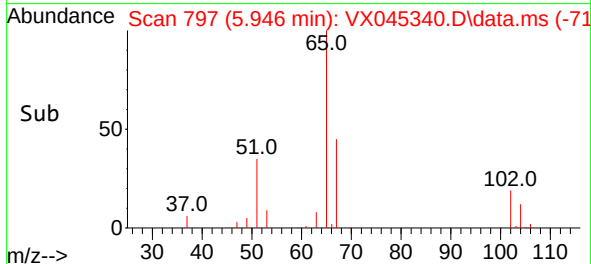
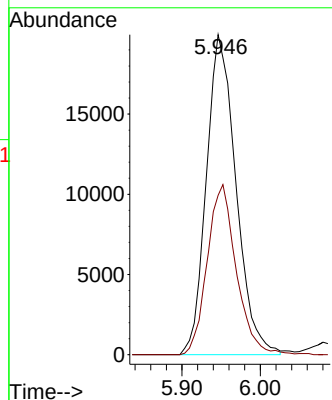
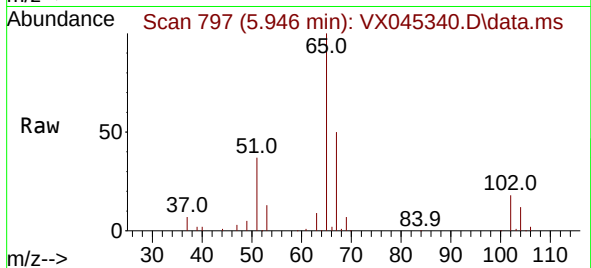
VSTDCCC020

Tgt Ion: 65 Resp: 52421

Ion Ratio Lower Upper

65 100

67 52.0 42.6 64.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

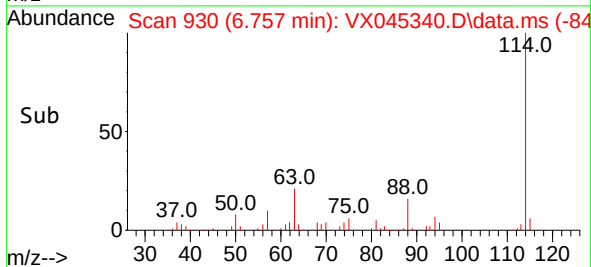
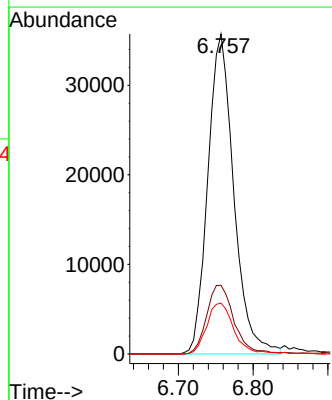
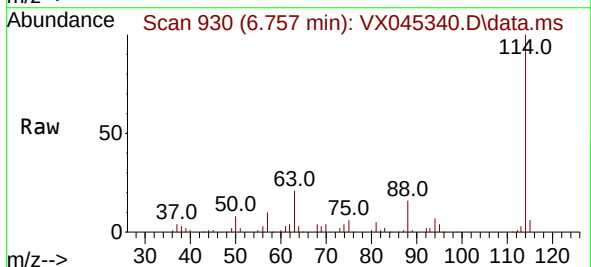
Tgt Ion: 114 Resp: 86152

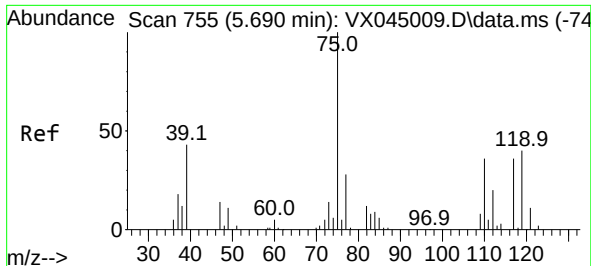
Ion Ratio Lower Upper

114 100

63 22.5 16.8 25.2

88 16.1 12.7 19.1





#29

1,1-Dichloropropene

Concen: 20.610 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

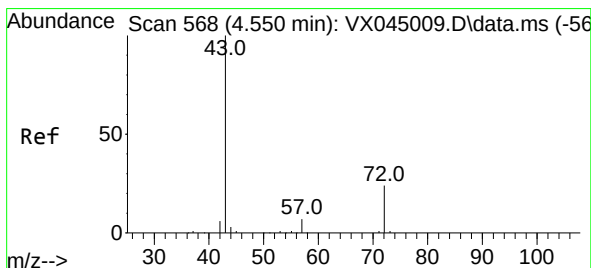
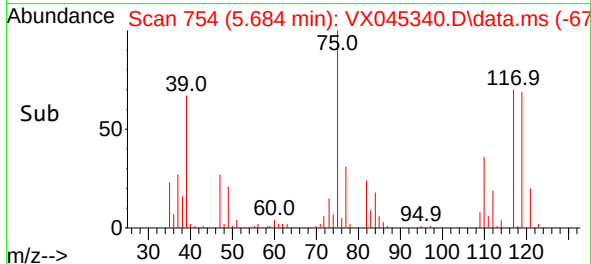
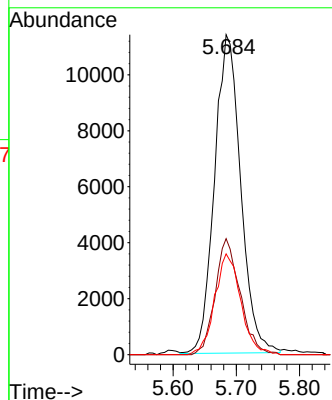
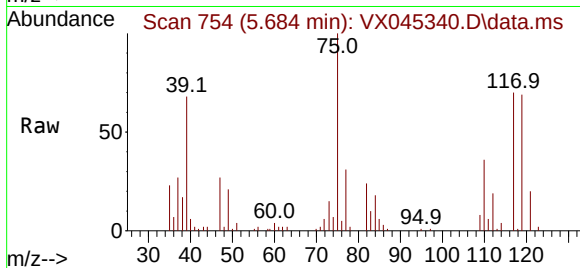
Tgt Ion: 75 Resp: 32662

Ion Ratio Lower Upper

75 100

110 34.4 0.0 69.2

77 31.5 0.0 61.0



#30

2-Butanone

Concen: 124.364 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.006 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

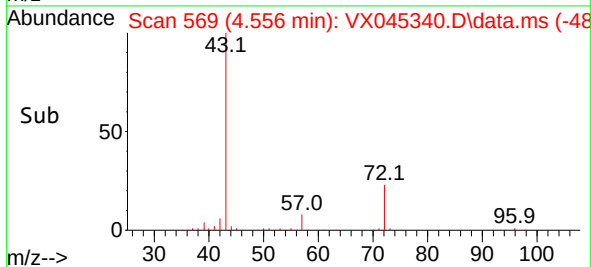
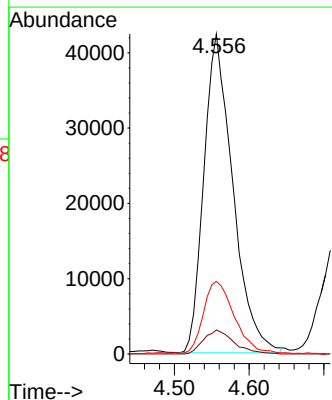
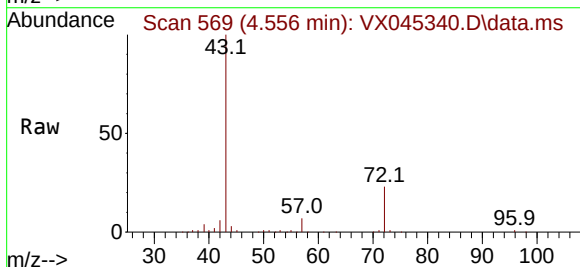
Tgt Ion: 43 Resp: 113838

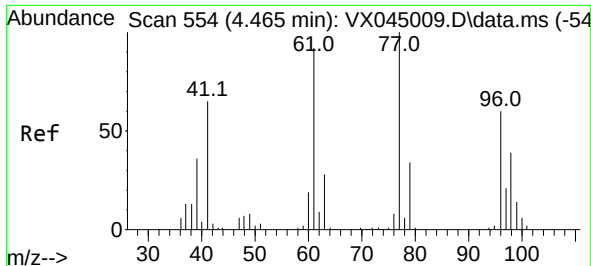
Ion Ratio Lower Upper

43 100

57 7.9 6.2 9.2

72 24.2 20.2 30.2

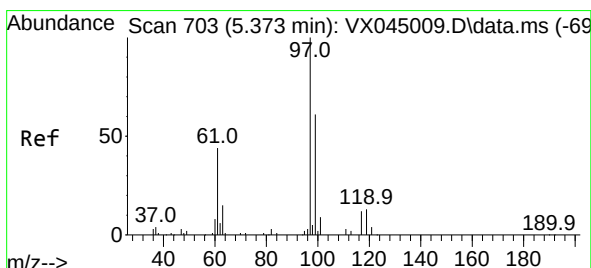
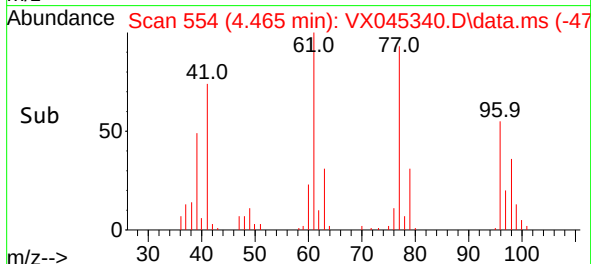
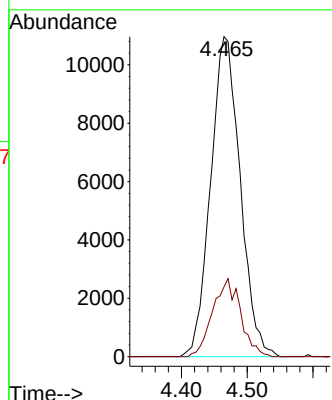
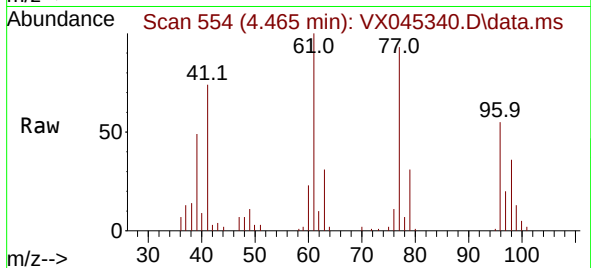




#31  
2,2-Dichloropropane  
Concen: 19.147 ug/l  
RT: 4.465 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

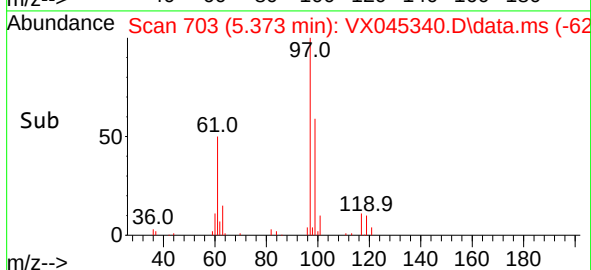
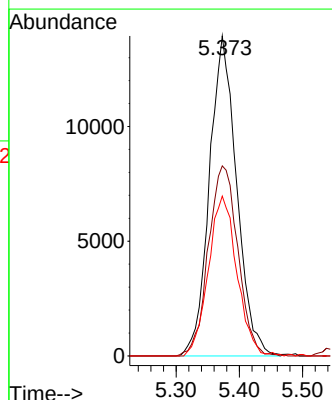
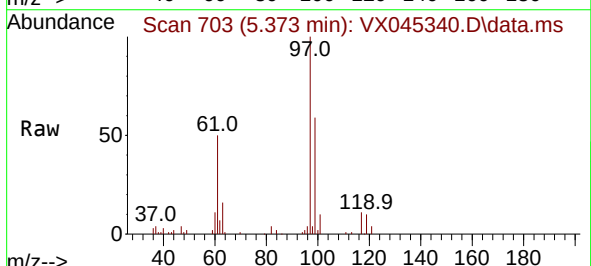
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

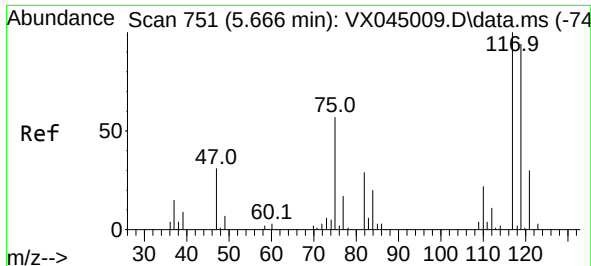
Tgt Ion: 77 Resp: 34312  
Ion Ratio Lower Upper  
77 100  
97 23.0 18.0 27.0



#32  
1,1,1-Trichloroethane  
Concen: 21.744 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 97 Resp: 41753  
Ion Ratio Lower Upper  
97 100  
99 64.0 52.2 78.2  
61 52.0 38.5 57.7

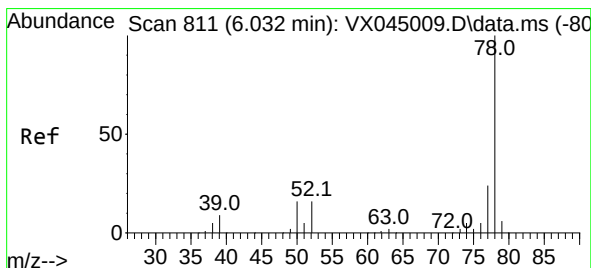
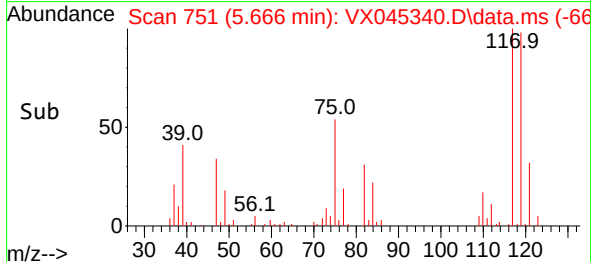
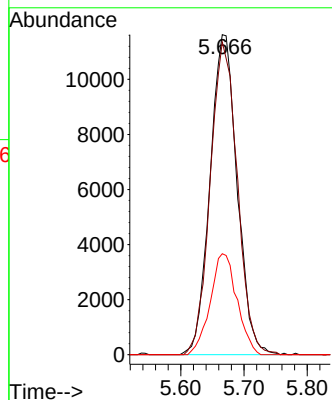
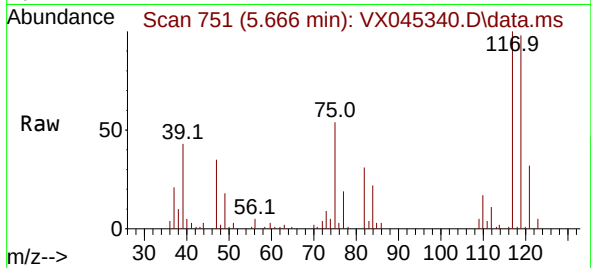




#33  
Carbon Tetrachloride  
Concen: 21.335 ug/l  
RT: 5.666 min Scan# 751  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

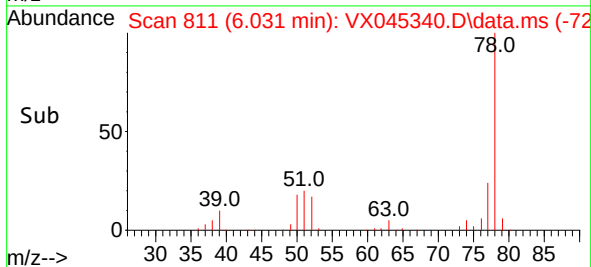
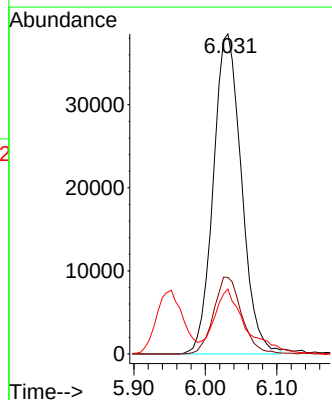
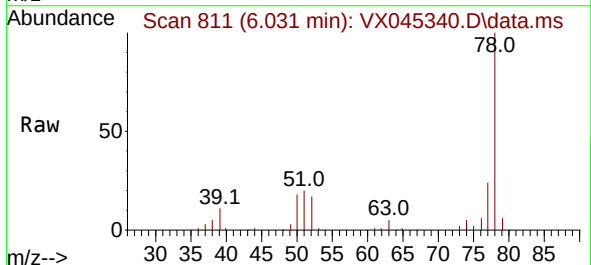
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

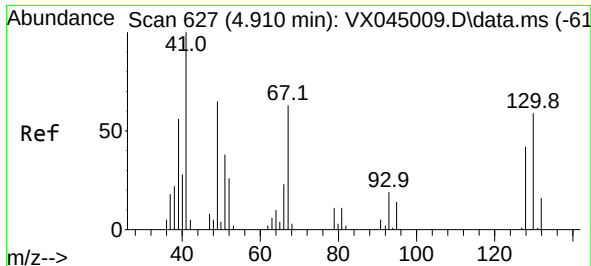
Tgt Ion:117 Resp: 34574  
Ion Ratio Lower Upper  
117 100  
119 97.7 75.1 112.7  
121 31.5 23.9 35.9



#34  
Benzene  
Concen: 21.181 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 78 Resp: 105267  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.6 29.4  
51 18.5 13.8 20.6

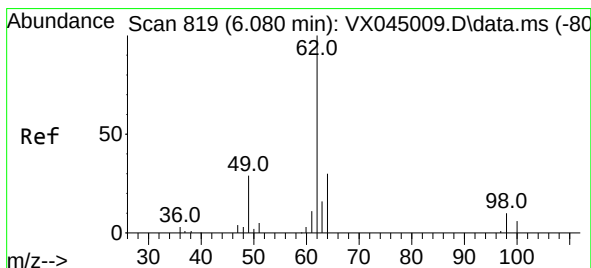
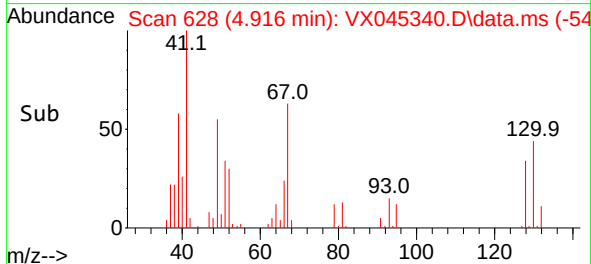
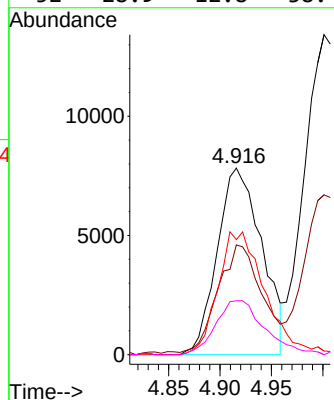
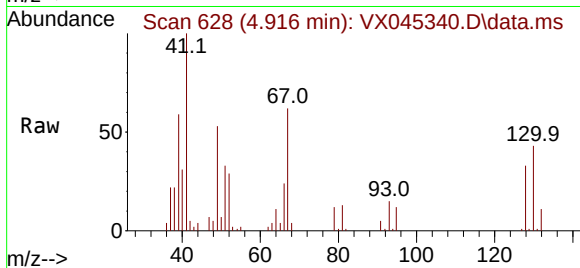




#35  
Methacrylonitrile  
Concen: 24.103 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

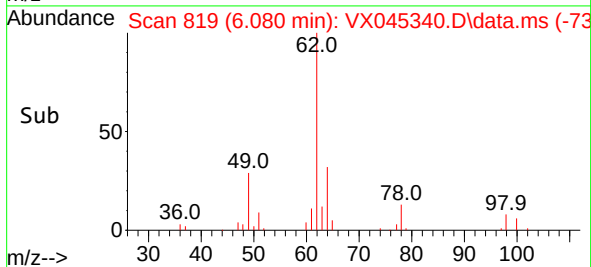
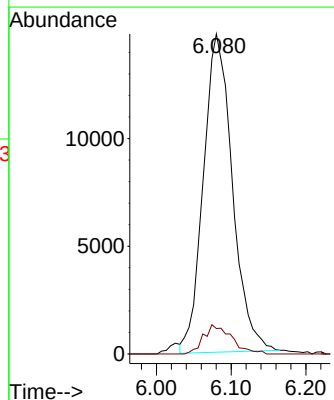
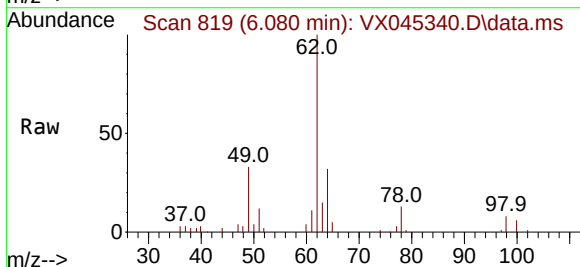
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

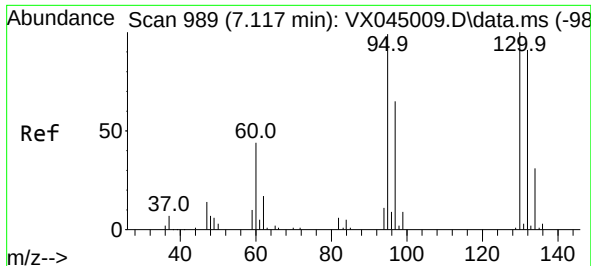
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 23610 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.6  | 27.8  | 83.4  |
| 67       | 61.6  | 31.5  | 94.5  |
| 52       | 28.9  | 12.8  | 38.4  |



#36  
1,2-Dichloroethane  
Concen: 23.413 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 39838 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.8   | 7.9   | 11.9  |





#37

Trichloroethene

Concen: 20.936 ug/l

RT: 7.123 min Scan# 989

Delta R.T. 0.006 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

Instrument :

MSVOA\_X

ClientSampleId :

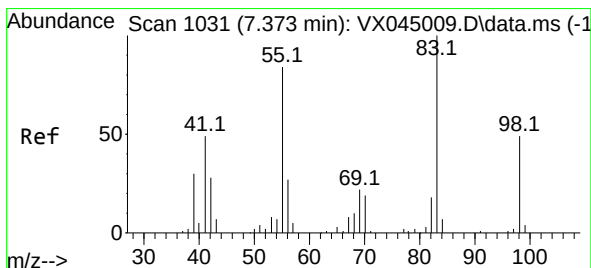
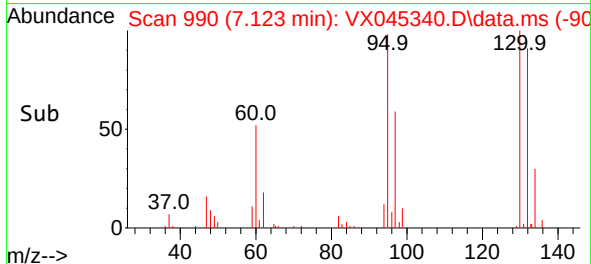
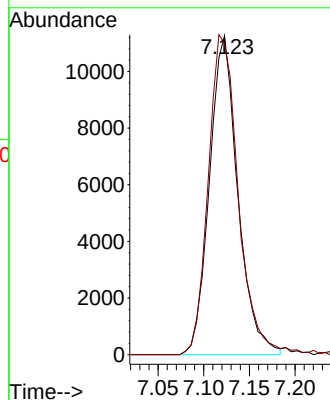
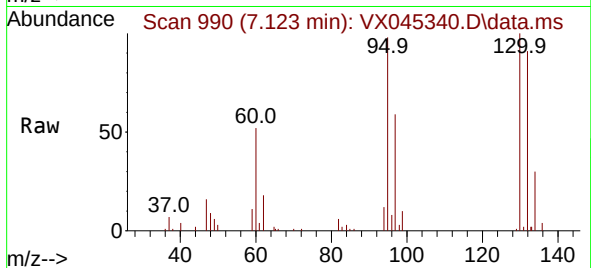
VSTDCCC020

Tgt Ion:130 Resp: 24342

Ion Ratio Lower Upper

130 100

95 97.6 79.0 118.4



#38

Methylcyclohexane

Concen: 19.959 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

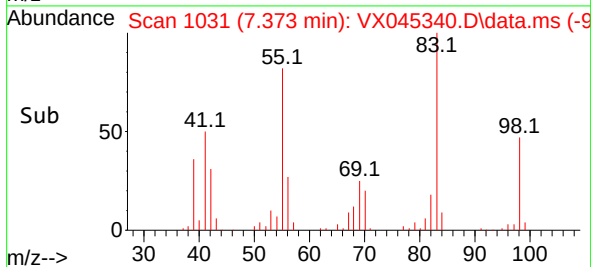
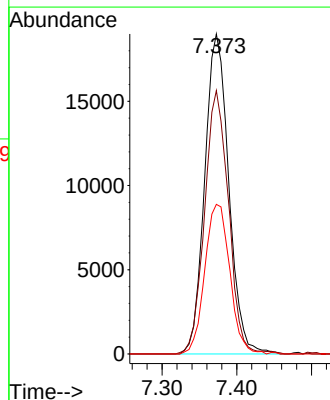
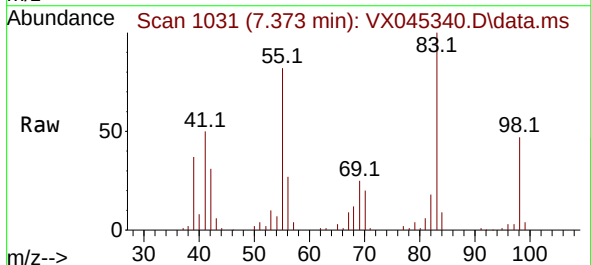
Tgt Ion: 83 Resp: 42471

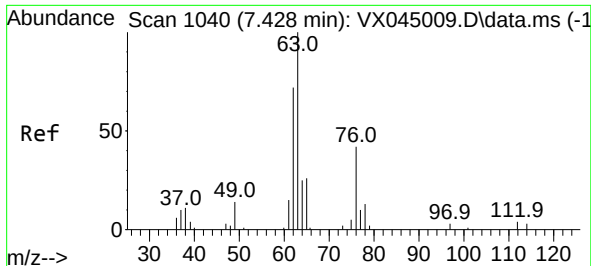
Ion Ratio Lower Upper

83 100

55 81.6 40.6 122.0

98 48.5 24.9 74.6





#39

1,2-Dichloropropane

Concen: 20.823 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

Instrument :

MSVOA\_X

ClientSampleId :

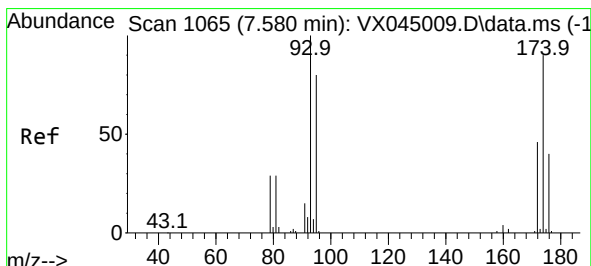
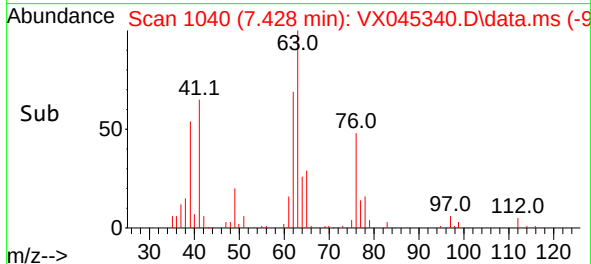
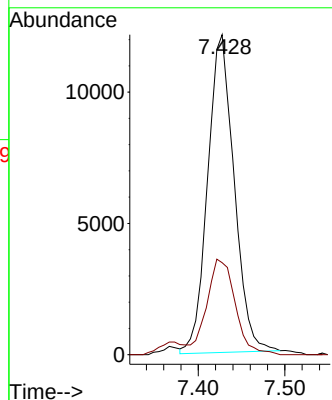
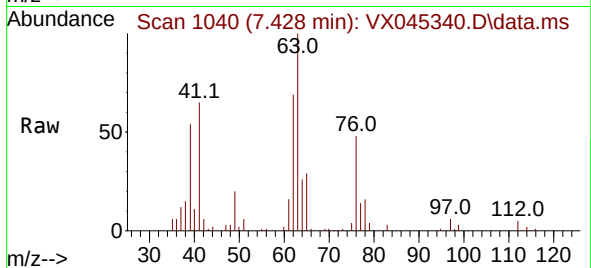
VSTDCCC020

Tgt Ion: 63 Resp: 25728

Ion Ratio Lower Upper

63 100

65 29.1 24.3 36.5



#40

Dibromomethane

Concen: 22.434 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

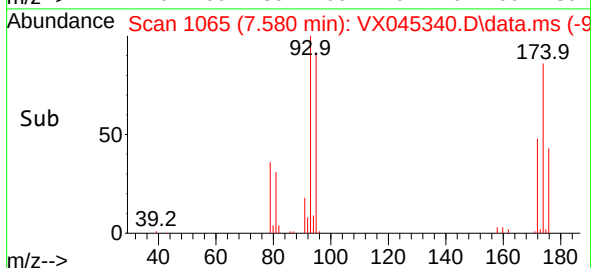
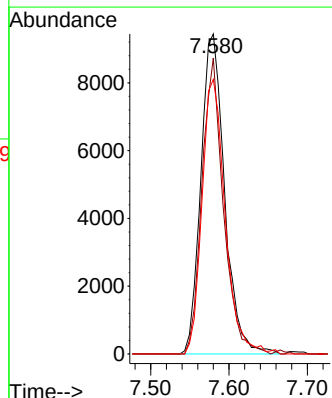
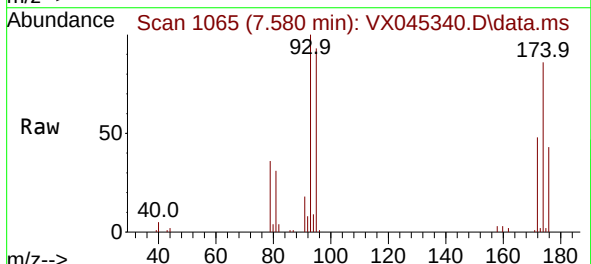
Tgt Ion: 93 Resp: 19891

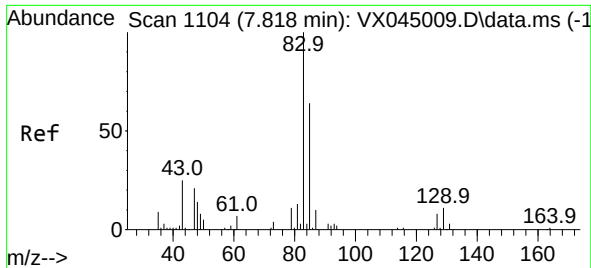
Ion Ratio Lower Upper

93 100

95 83.8 0.0 162.6

174 82.9 0.0 178.8

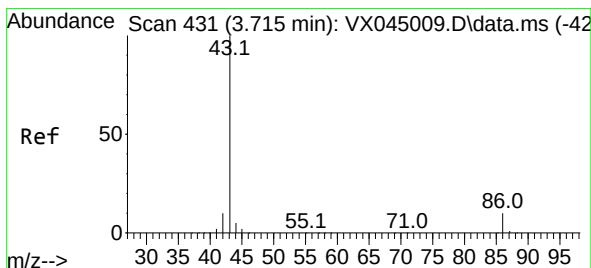
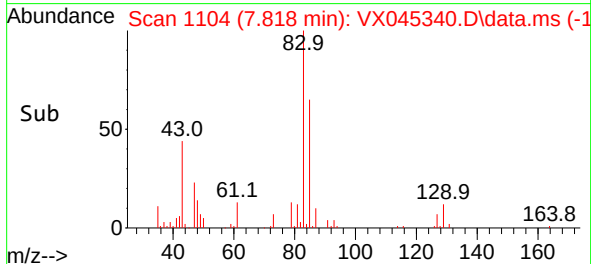
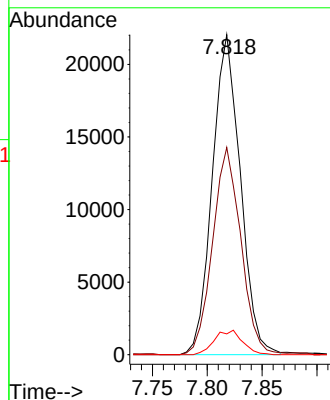
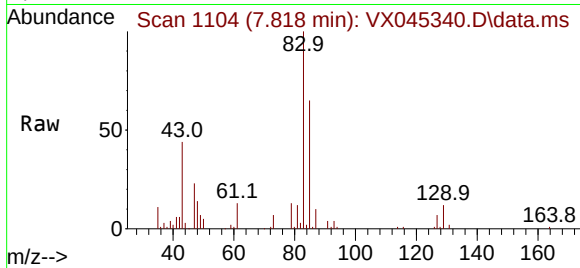




#41  
Bromodichloromethane  
Concen: 22.261 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

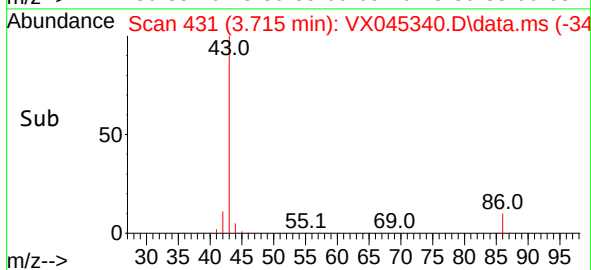
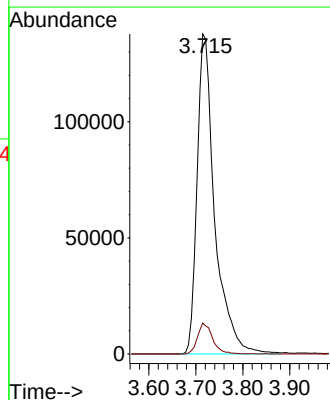
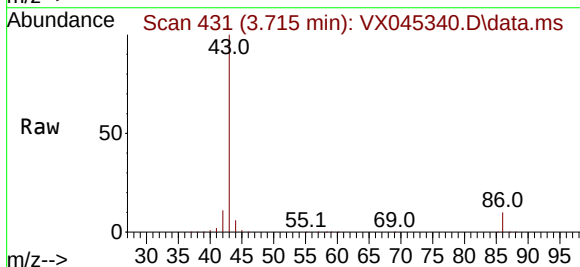
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 39228 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.7  | 51.0  | 76.6  |
| 127      | 6.5   | 6.1   | 9.1   |

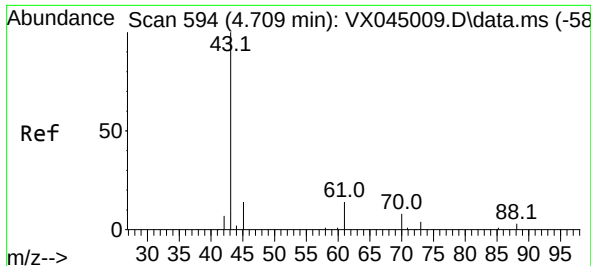


#42  
Vinyl Acetate  
Concen: 101.532 ug/l  
RT: 3.715 min Scan# 431  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 360651 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 86       | 8.2   | 7.0   | 10.4   |



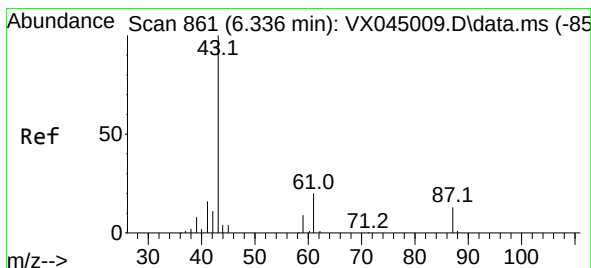
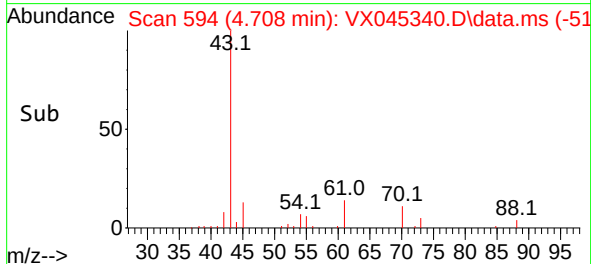
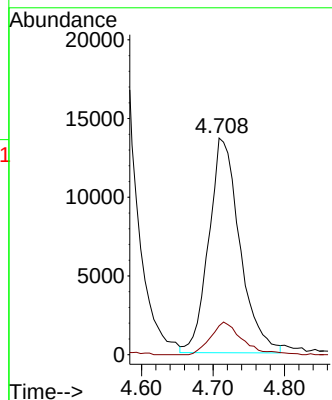
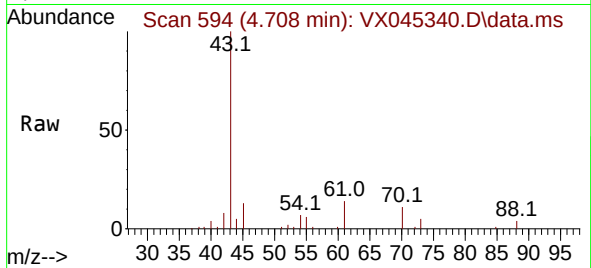




#43  
Ethyl Acetate  
Concen: 23.957 ug/l  
RT: 4.708 min Scan# 594  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

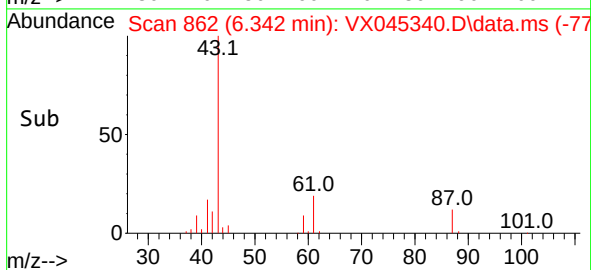
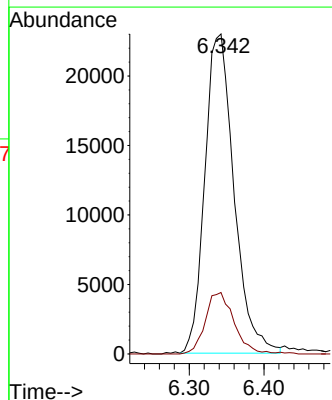
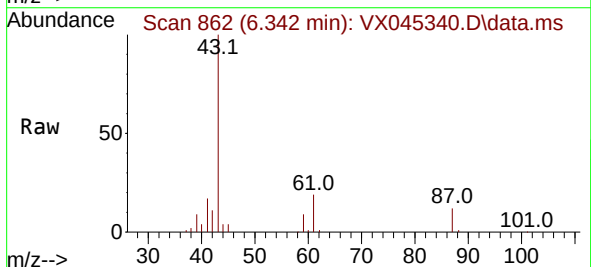
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

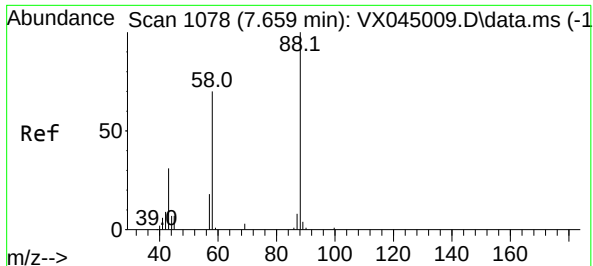
Tgt Ion: 43 Resp: 41125  
Ion Ratio Lower Upper  
43 100  
45 14.8 12.7 19.1



#44  
Isopropyl Acetate  
Concen: 22.048 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 43 Resp: 62292  
Ion Ratio Lower Upper  
43 100  
61 18.7 15.5 23.3

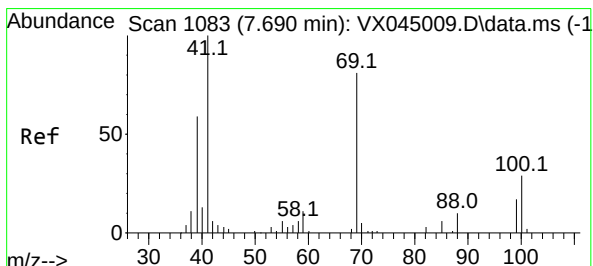
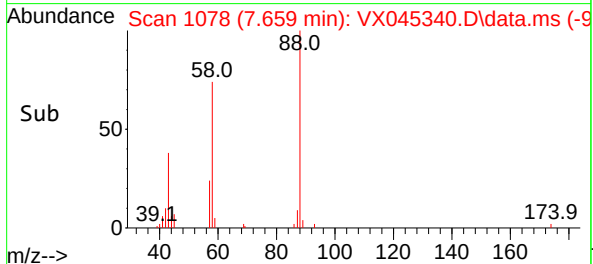
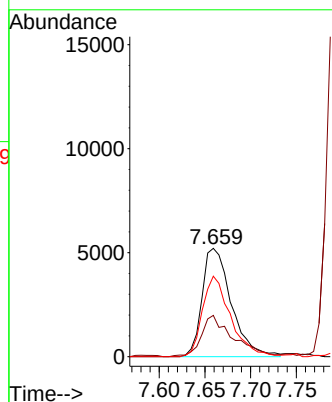
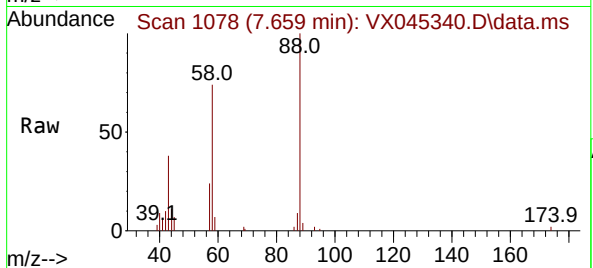




#45  
1,4-Dioxane  
Concen: 394.071 ug/l  
RT: 7.659 min Scan# 1078  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

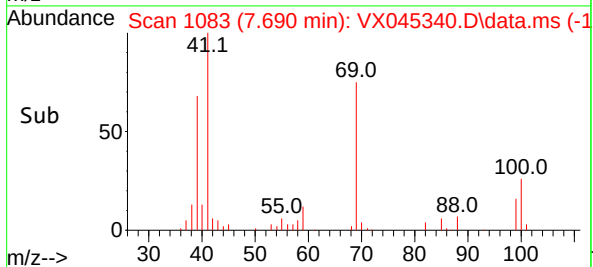
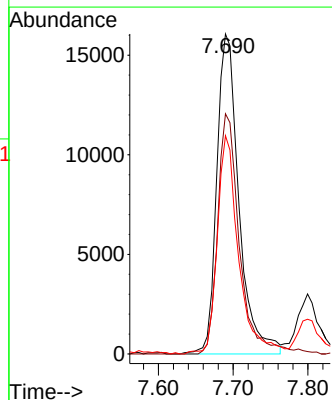
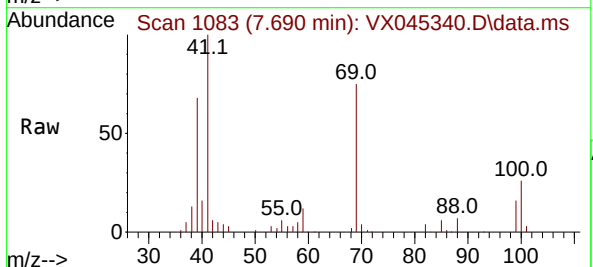
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

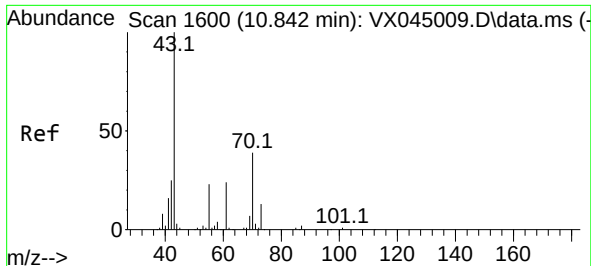
Tgt Ion: 88 Resp: 11574  
Ion Ratio Lower Upper  
88 100  
43 36.6 29.6 44.4  
58 71.3 56.2 84.4



#46  
Methyl methacrylate  
Concen: 23.923 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 41 Resp: 33143  
Ion Ratio Lower Upper  
41 100  
69 75.0 40.7 122.1  
39 68.2 29.5 88.5

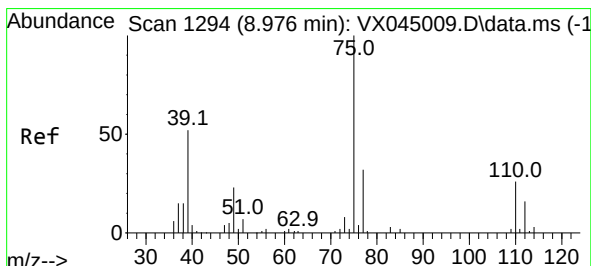
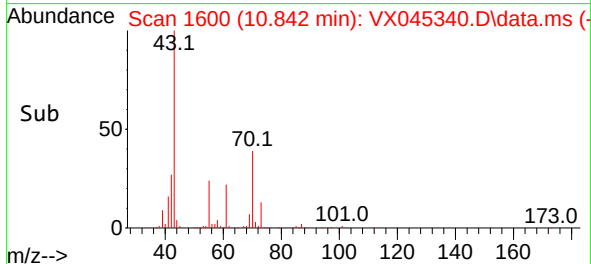
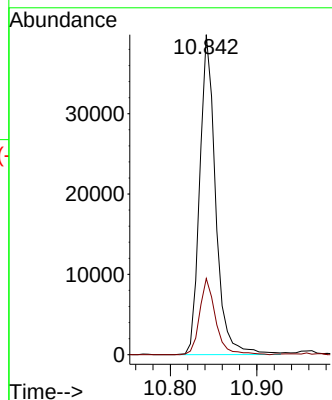
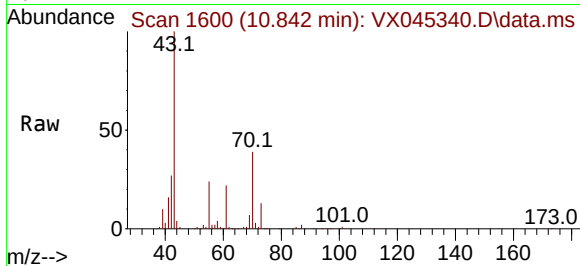




#47  
n-amy1 Acetate  
Concen: 20.723 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

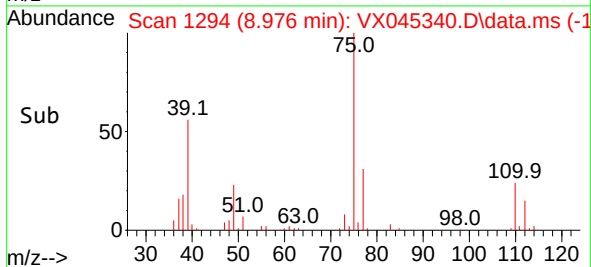
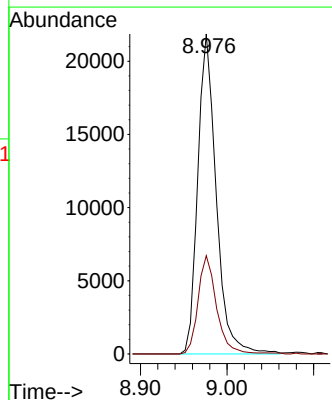
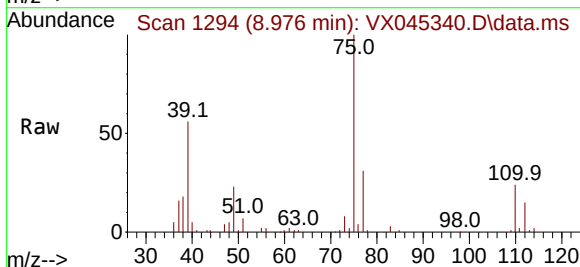
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

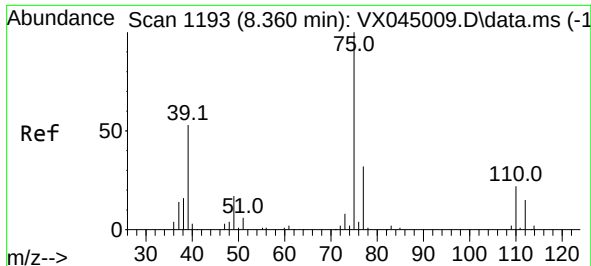
Tgt Ion: 43 Resp: 50805  
Ion Ratio Lower Upper  
43 100  
55 23.9 18.6 27.8



#48  
t-1,3-Dichloropropene  
Concen: 19.050 ug/l  
RT: 8.976 min Scan# 1294  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 75 Resp: 32357  
Ion Ratio Lower Upper  
75 100  
77 30.7 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 20.120 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

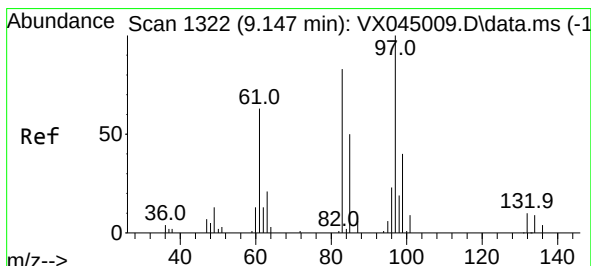
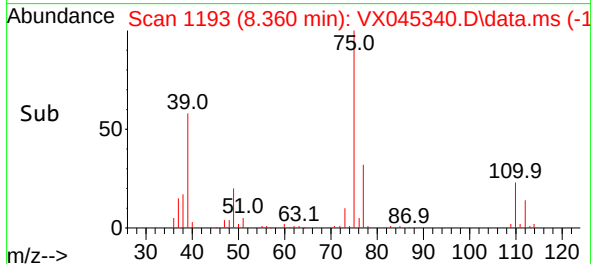
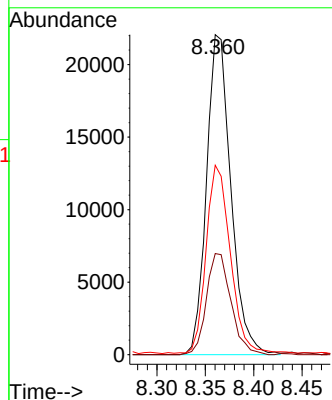
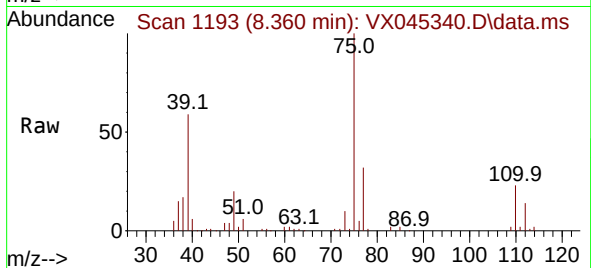
Tgt Ion: 75 Resp: 38687

Ion Ratio Lower Upper

75 100

77 31.6 25.9 38.9

39 58.6 42.3 63.5



#50

1,1,2-Trichloroethane

Concen: 22.055 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

Tgt Ion: 97 Resp: 25507

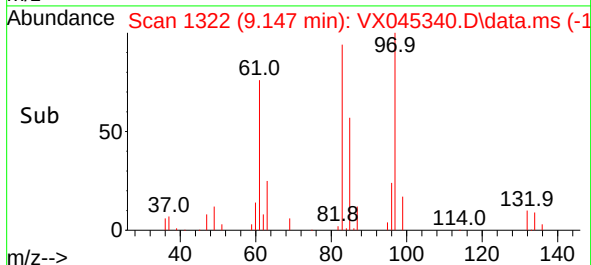
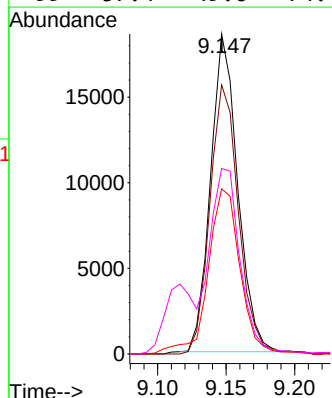
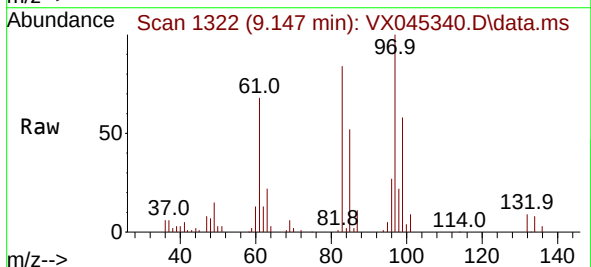
Ion Ratio Lower Upper

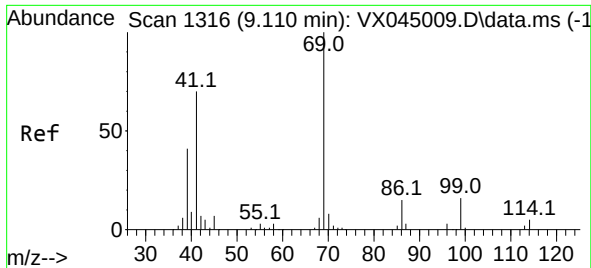
97 100

83 84.7 66.0 99.0

85 51.3 42.5 63.7

99 57.4 49.6 74.4

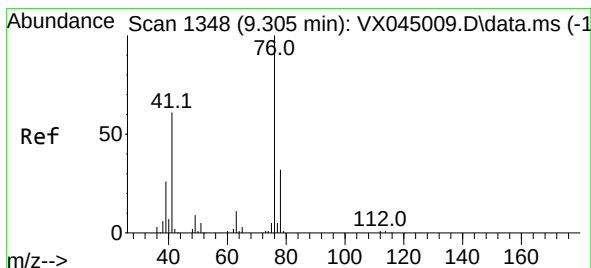
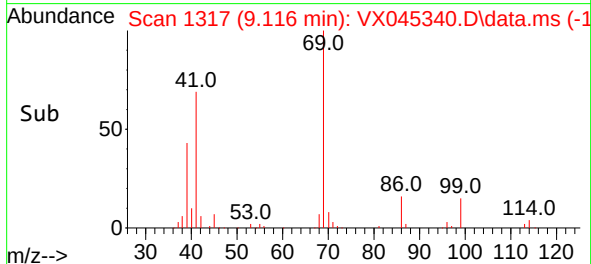
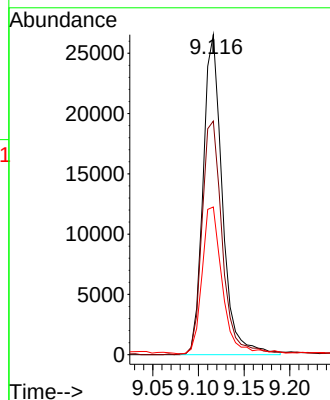
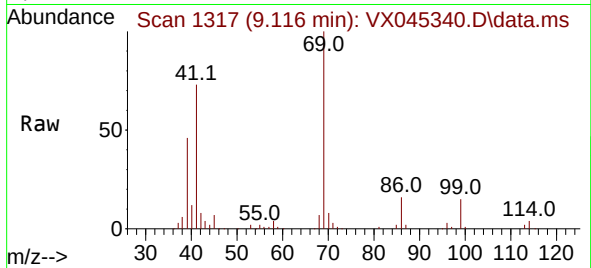




#51  
Ethyl methacrylate  
Concen: 21.334 ug/l  
RT: 9.116 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

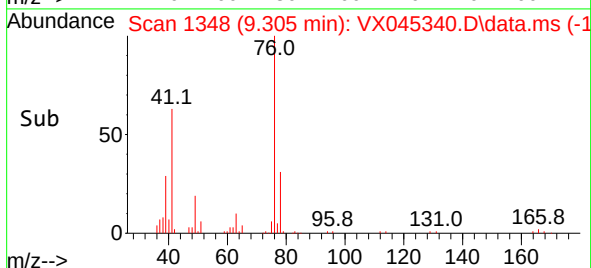
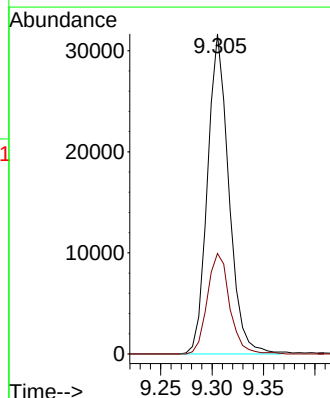
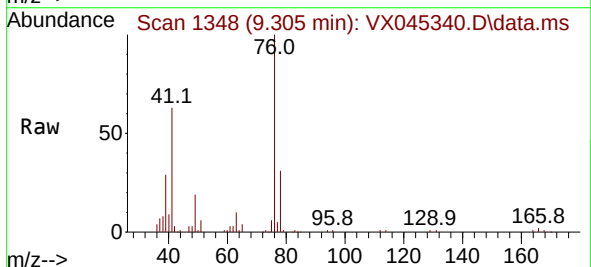
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

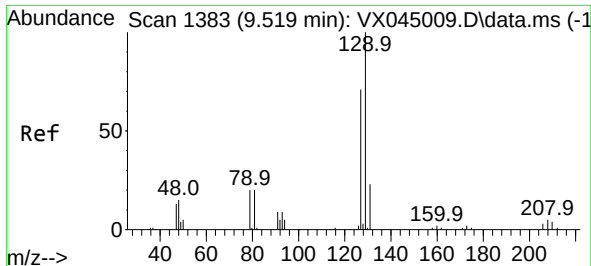
Tgt Ion: 69 Resp: 38805  
Ion Ratio Lower Upper  
69 100  
41 72.7 35.1 105.3  
39 46.0 20.5 61.6



#52  
1,3-Dichloropropane  
Concen: 22.567 ug/l  
RT: 9.305 min Scan# 1348  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 76 Resp: 45730  
Ion Ratio Lower Upper  
76 100  
78 32.7 0.0 63.6

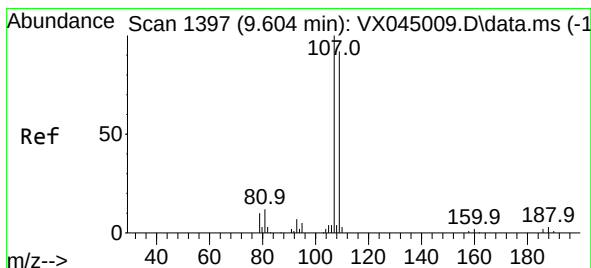
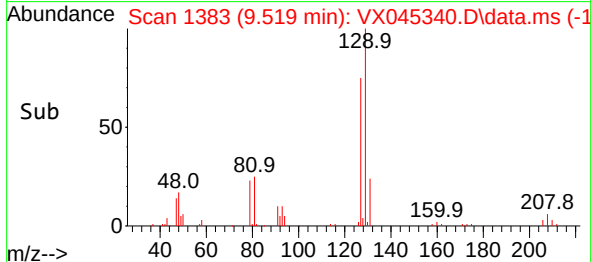
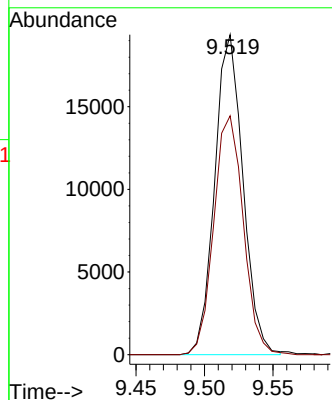
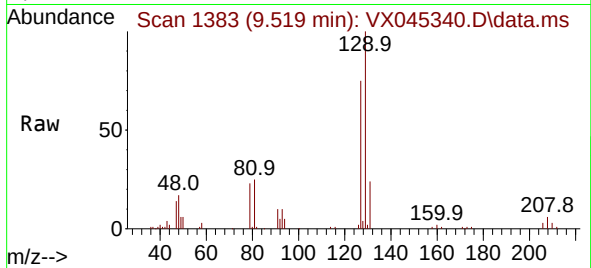




#53  
 Dibromochloromethane  
 Concen: 21.709 ug/l  
 RT: 9.519 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX045340.D  
 Acq: 19 Mar 2025 10:41

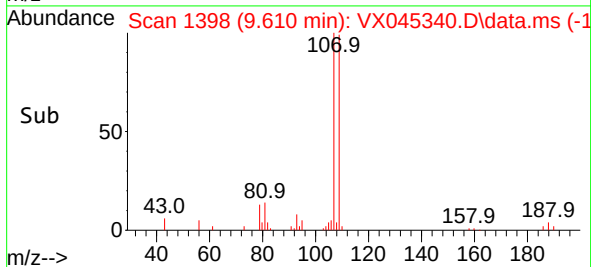
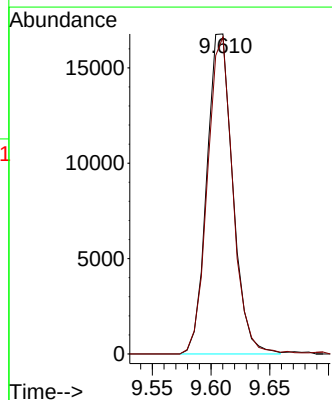
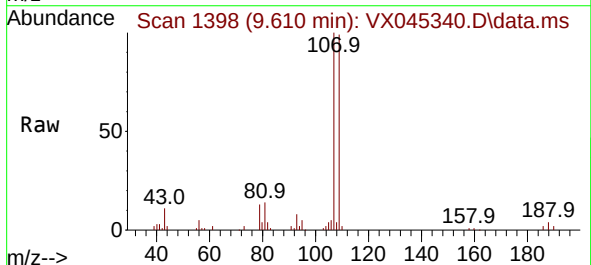
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

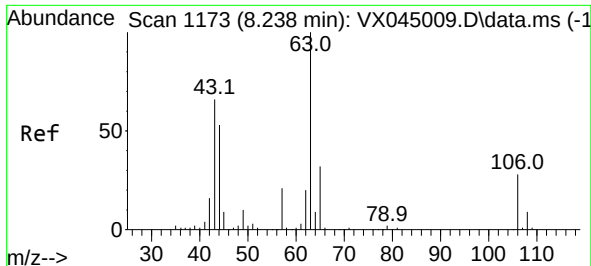
Tgt Ion:129 Resp: 27768  
 Ion Ratio Lower Upper  
 129 100  
 127 77.9 37.3 111.9



#54  
 1,2-Dibromoethane  
 Concen: 21.988 ug/l  
 RT: 9.610 min Scan# 1398  
 Delta R.T. 0.006 min  
 Lab File: VX045340.D  
 Acq: 19 Mar 2025 10:41

Tgt Ion:107 Resp: 25822  
 Ion Ratio Lower Upper  
 107 100  
 109 96.9 75.8 113.8

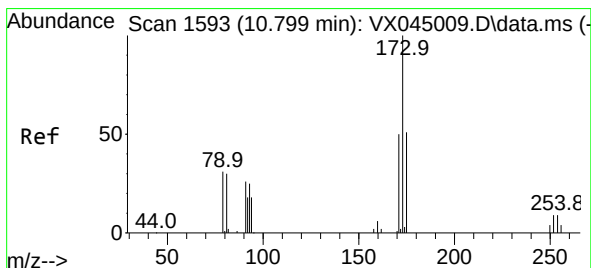
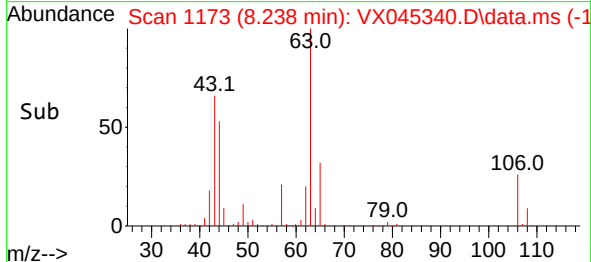
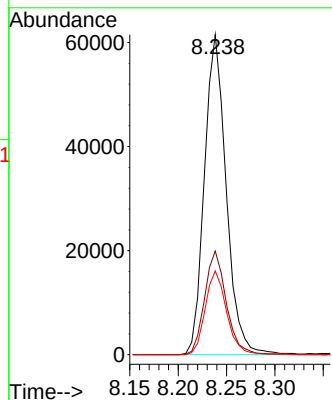
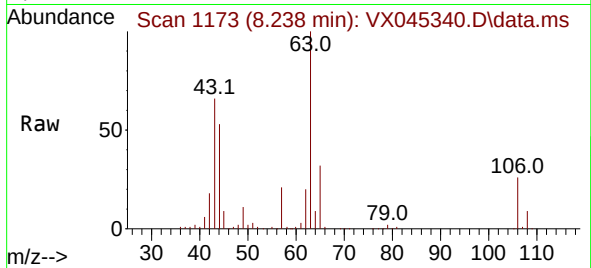




#55  
2-Chloroethyl vinyl ether  
Concen: 103.422 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

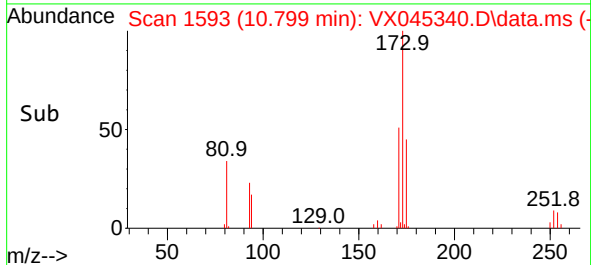
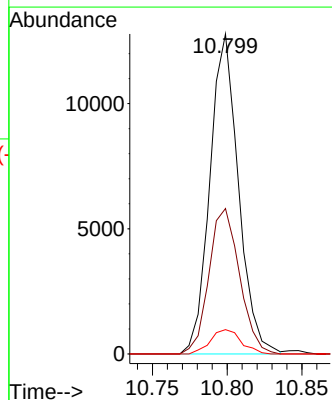
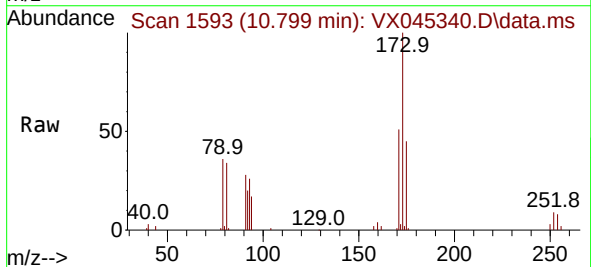
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

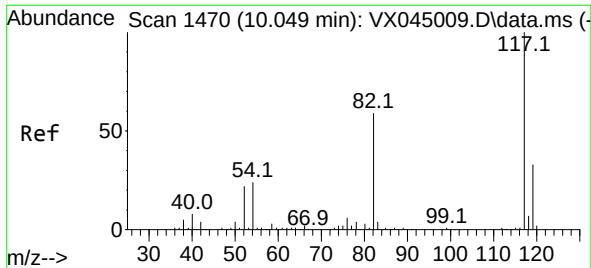
Tgt Ion: 63 Resp: 96601  
Ion Ratio Lower Upper  
63 100  
65 32.2 26.2 39.2  
106 25.5 21.2 31.8



#56  
Bromoform  
Concen: 21.196 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 173 Resp: 16989  
Ion Ratio Lower Upper  
173 100  
175 48.6 39.6 59.4  
254 8.2 6.3 9.5

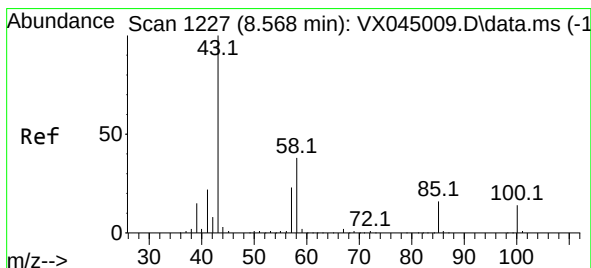
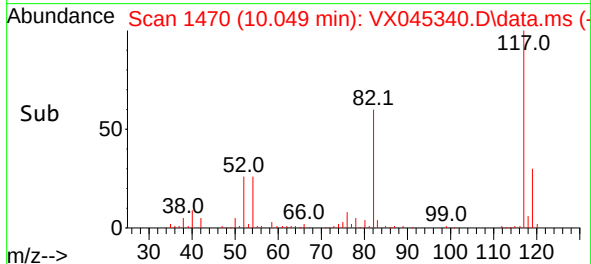
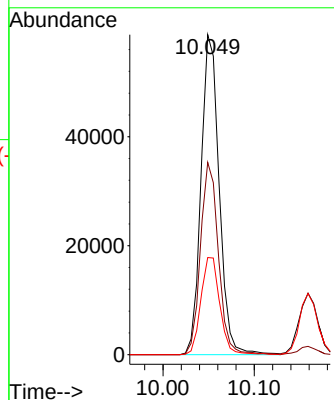
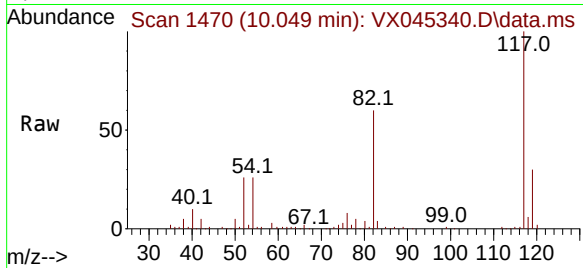




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

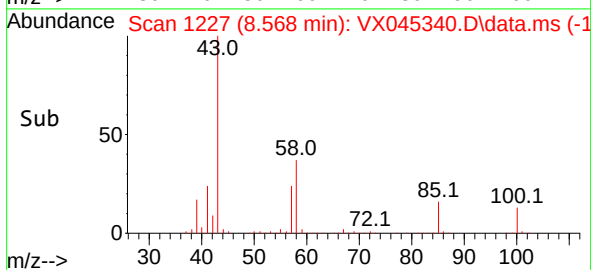
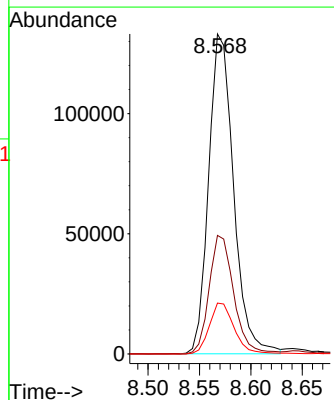
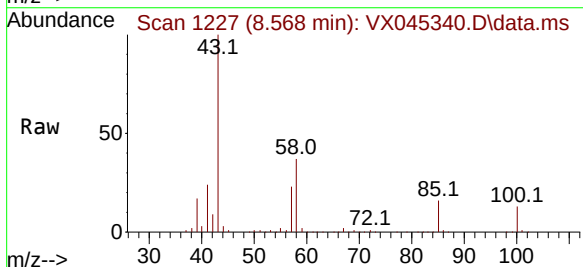
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

Tgt Ion:117 Resp: 80895  
Ion Ratio Lower Upper  
117 100  
82 58.9 45.8 68.8  
119 31.6 25.5 38.3

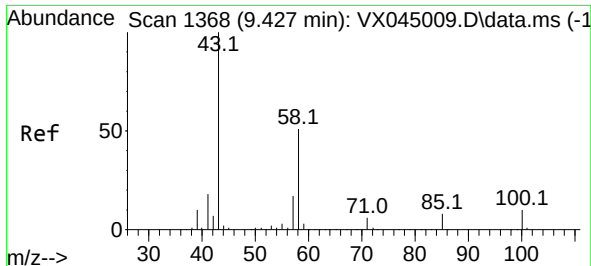


#58  
4-Methyl-2-Pentanone  
Concen: 121.880 ug/l  
RT: 8.568 min Scan# 1227  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 43 Resp: 224283  
Ion Ratio Lower Upper  
43 100  
58 36.6 29.5 44.3  
85 16.0 12.9 19.3







#59

2-Hexanone

Concen: 123.186 ug/l

RT: 9.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

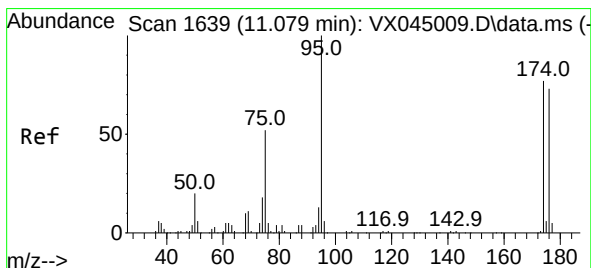
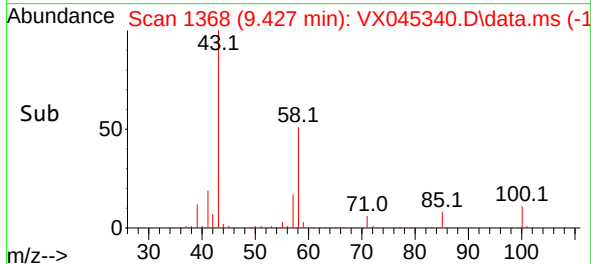
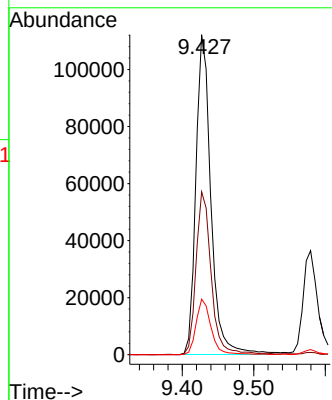
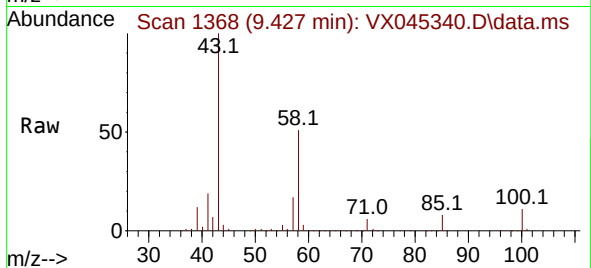
Tgt Ion: 43 Resp: 163850

Ion Ratio Lower Upper

43 100

58 50.4 41.6 62.4

57 17.3 13.8 20.6



#60

4-Bromofluorobenzene

Concen: 31.246 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

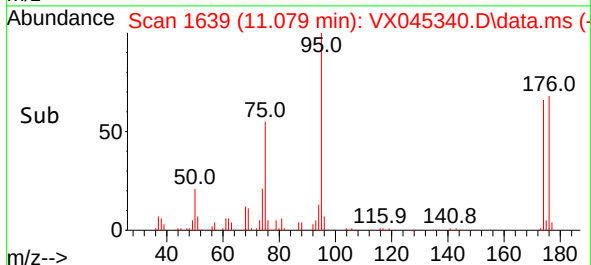
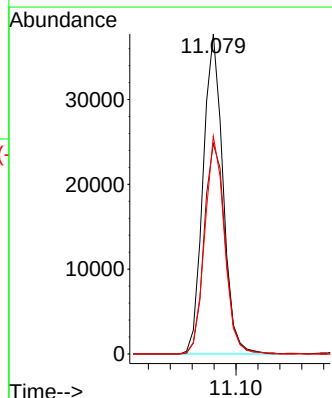
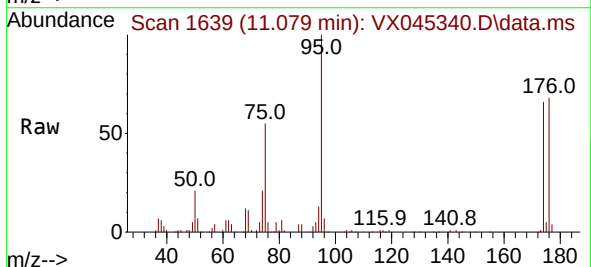
Tgt Ion: 95 Resp: 47245

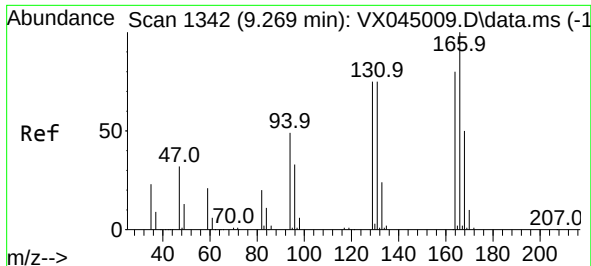
Ion Ratio Lower Upper

95 100

174 69.4 59.5 89.3

176 67.6 55.5 83.3



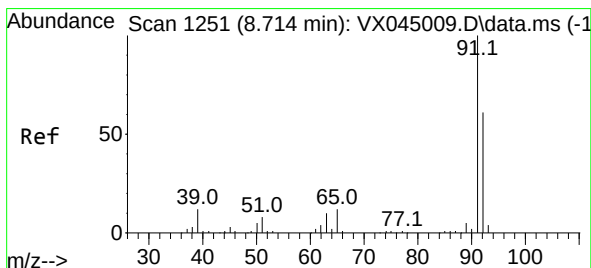
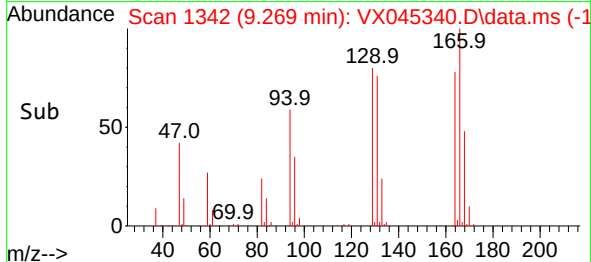
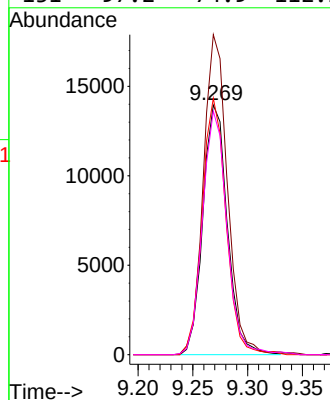
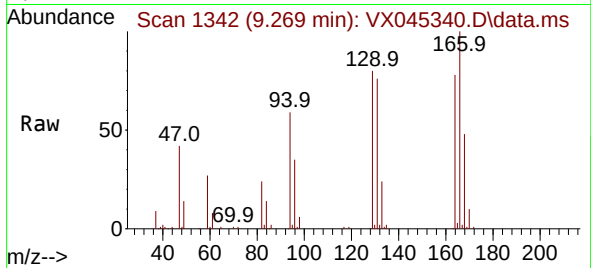


#61  
Tetrachloroethene  
Concen: 21.744 ug/l  
RT: 9.269 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

Tgt Ion:164 Resp: 21660

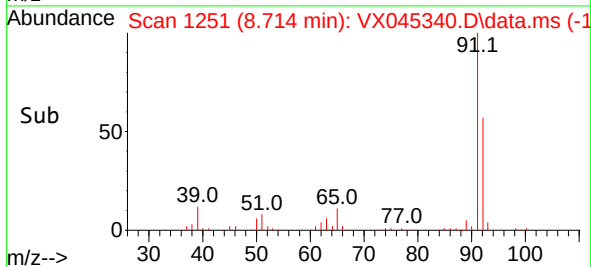
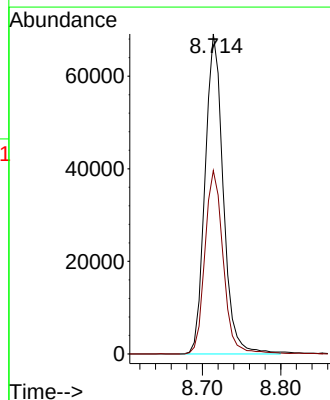
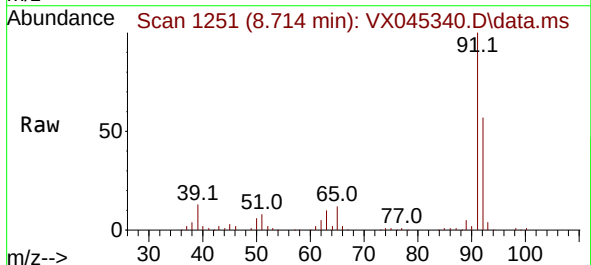
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 127.8 | 100.3 | 150.5 |
| 129 | 102.7 | 75.5  | 113.3 |
| 131 | 97.2  | 74.9  | 112.3 |

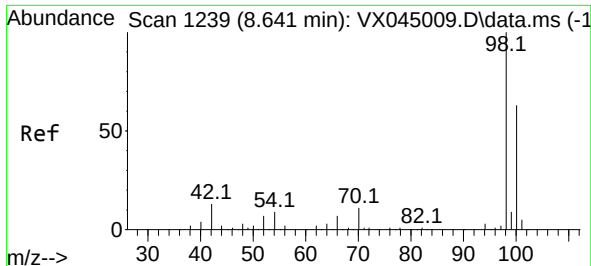


#62  
Toluene  
Concen: 20.767 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 91 Resp: 111284

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 57.7  | 46.9  | 70.3  |

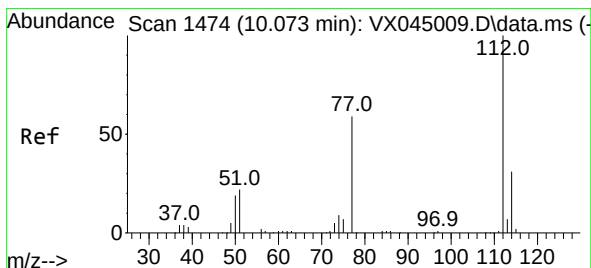
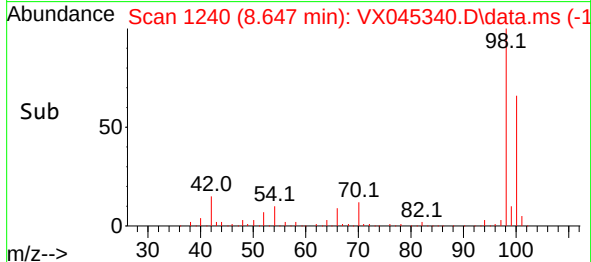
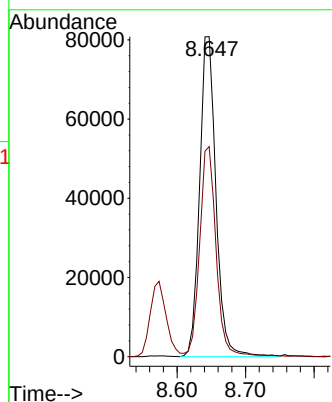
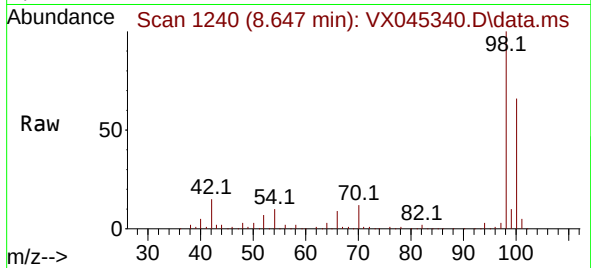




#63  
Toluene-d8  
Concen: 30.103 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

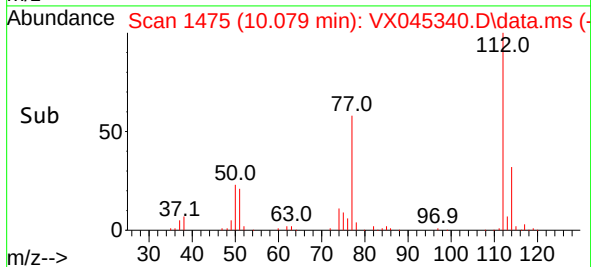
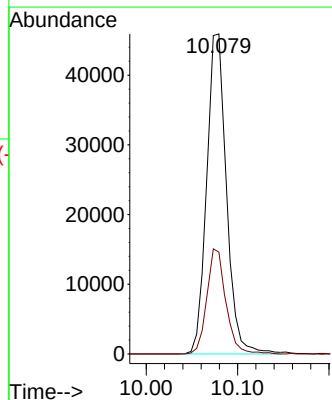
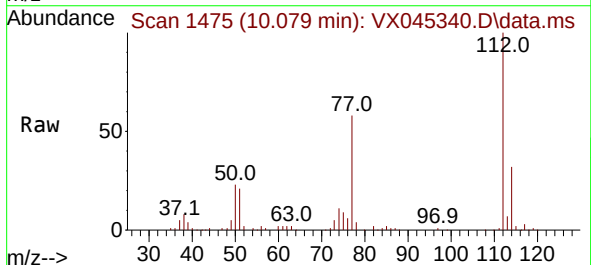
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

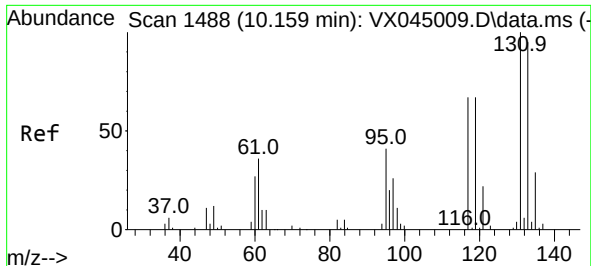
Tgt Ion: 98 Resp: 134720  
Ion Ratio Lower Upper  
98 100  
100 65.8 51.7 77.5



#64  
Chlorobenzene  
Concen: 20.784 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.006 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 112 Resp: 69016  
Ion Ratio Lower Upper  
112 100  
114 31.8 24.7 37.1

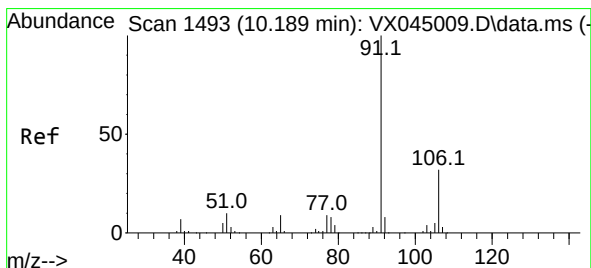
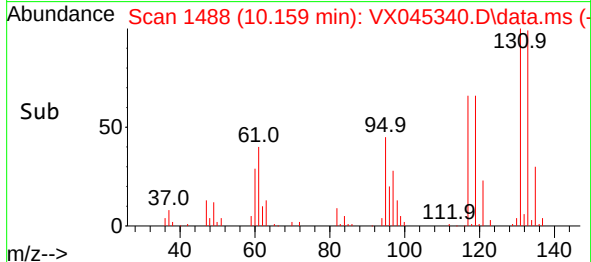
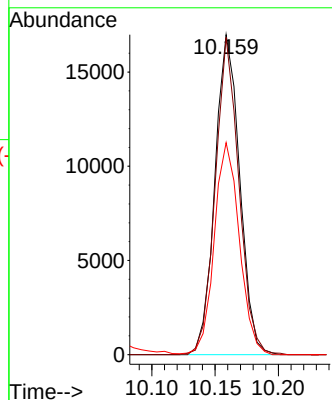
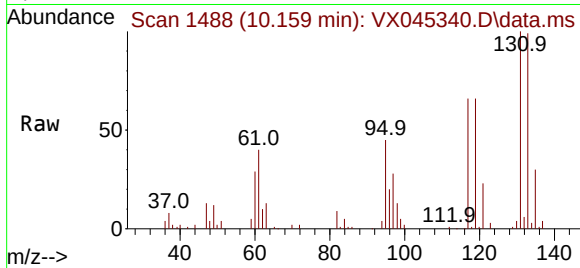




#65  
1,1,1,2-Tetrachloroethane  
Concen: 21.083 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

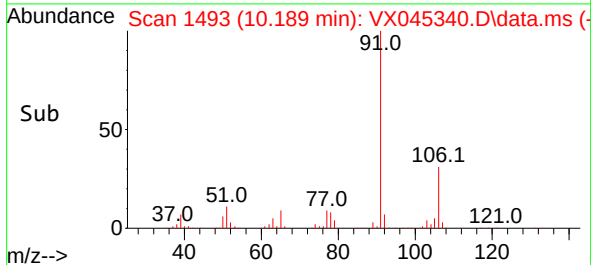
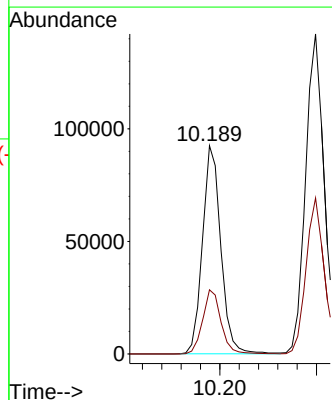
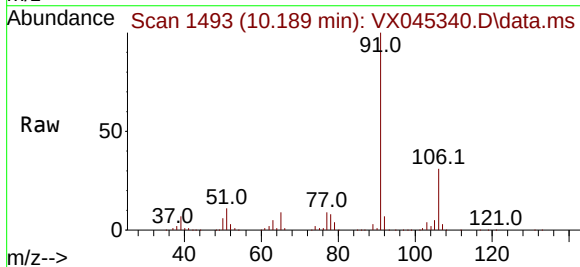
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

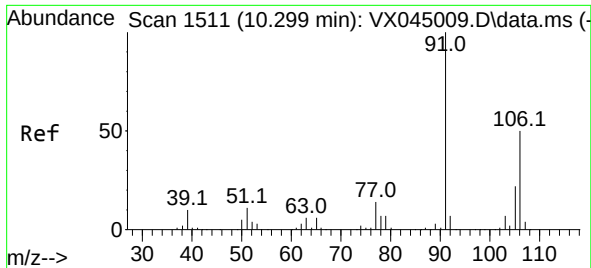
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 131   | Resp: | 23101 |
| Ion      | Ratio | Lower | Upper |
| 131      | 100   |       |       |
| 133      | 94.5  | 0.0   | 187.8 |
| 119      | 67.1  | 0.0   | 133.0 |



#66  
Ethyl Benzene  
Concen: 20.813 ug/l  
RT: 10.189 min Scan# 1493  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 122105 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 106      | 30.8  | 25.4  | 38.2   |

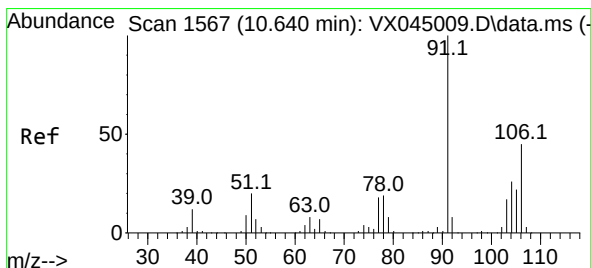
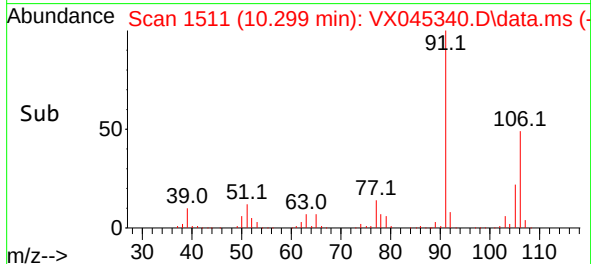
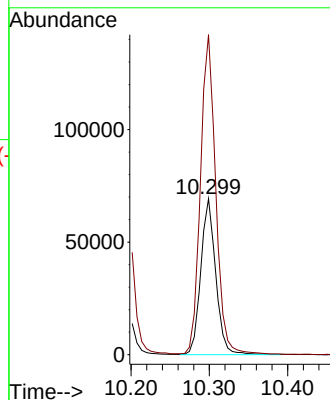
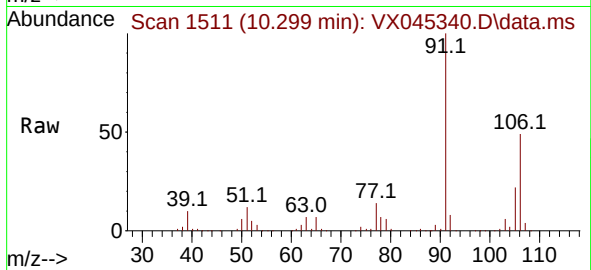




#67  
m/p-Xylenes  
Concen: 42.144 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

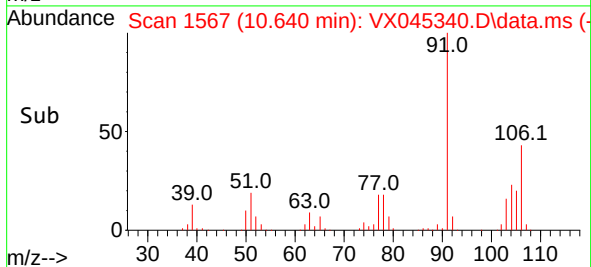
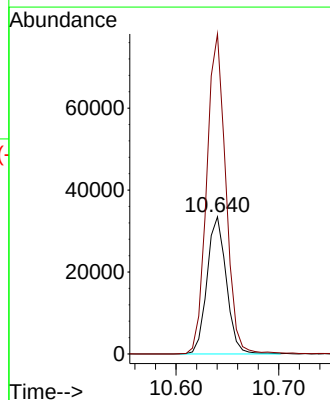
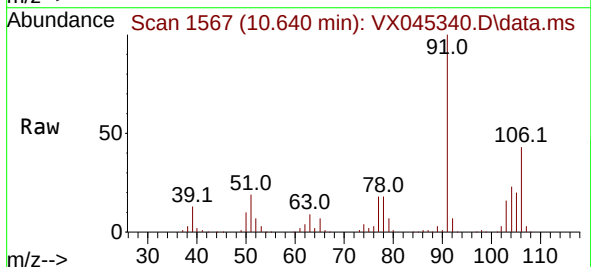
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

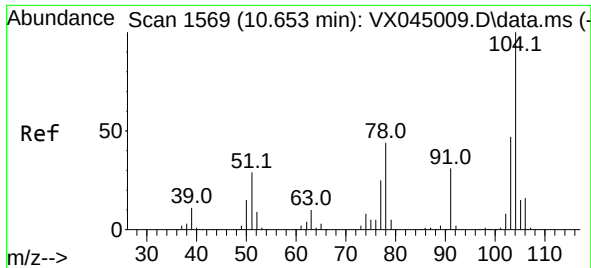
Tgt Ion:106 Resp: 92122  
Ion Ratio Lower Upper  
106 100  
91 209.3 163.7 245.5



#68  
o-Xylene  
Concen: 20.390 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion:106 Resp: 43730  
Ion Ratio Lower Upper  
106 100  
91 229.9 109.7 329.1

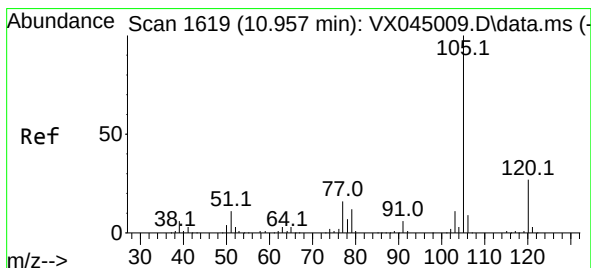
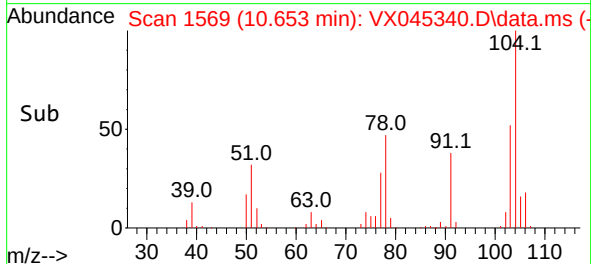
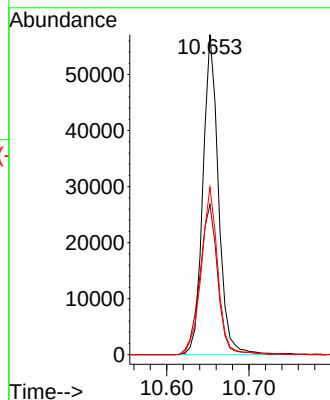
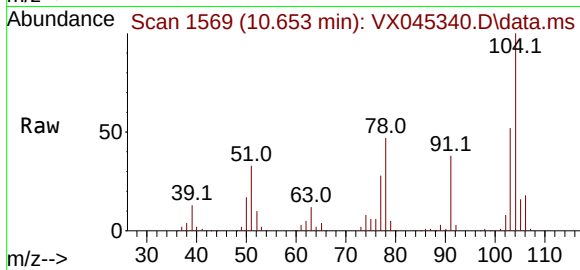




#69  
Styrene  
Concen: 20.993 ug/l  
RT: 10.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

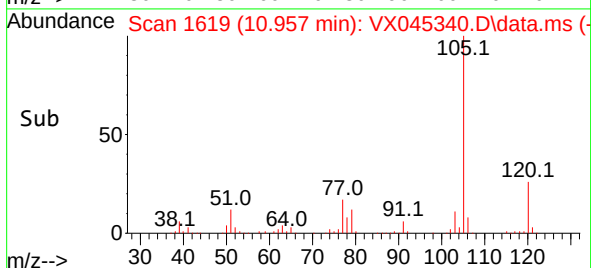
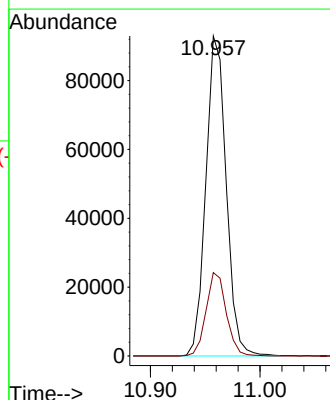
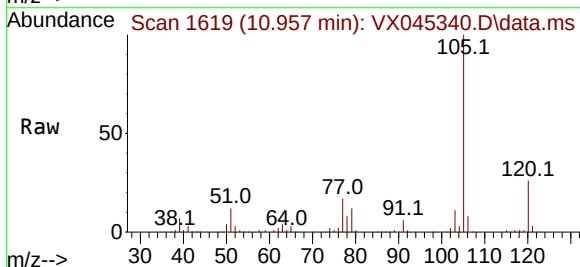
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

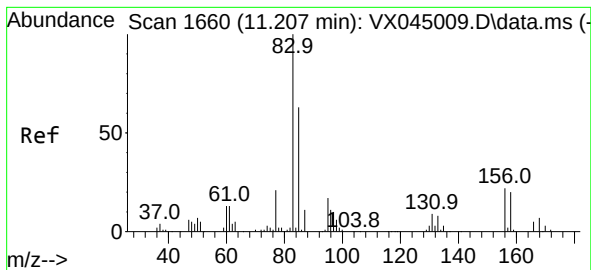
Tgt Ion:104 Resp: 75199  
Ion Ratio Lower Upper  
104 100  
78 53.3 41.4 62.0  
103 55.5 43.0 64.4



#70  
Isopropylbenzene  
Concen: 21.669 ug/l  
RT: 10.957 min Scan# 1619  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion:105 Resp: 119932  
Ion Ratio Lower Upper  
105 100  
120 25.8 18.4 34.2

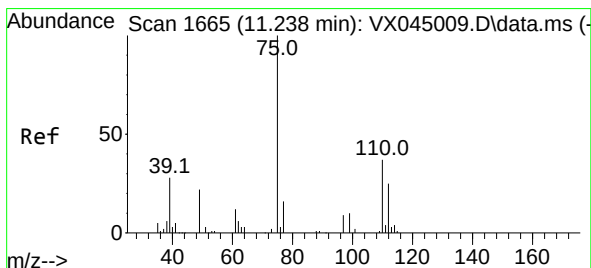
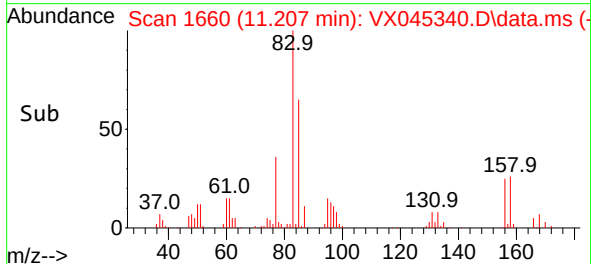
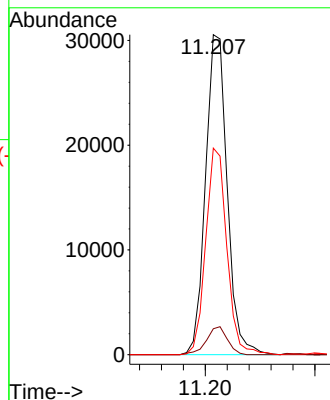
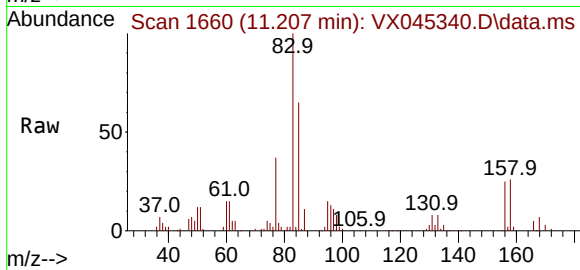




#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 23.012 ug/l  
 RT: 11.207 min Scan# 1660  
 Delta R.T. -0.000 min  
 Lab File: VX045340.D  
 Acq: 19 Mar 2025 10:41

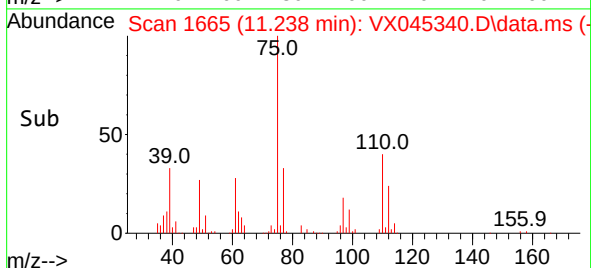
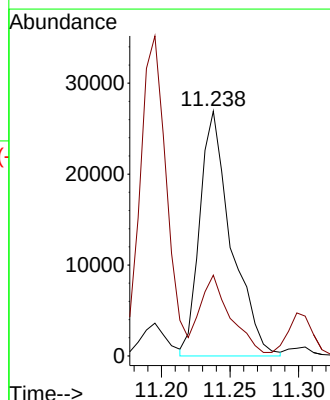
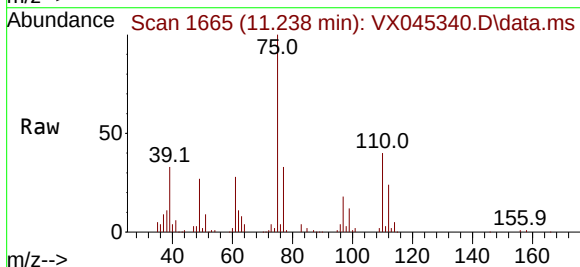
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

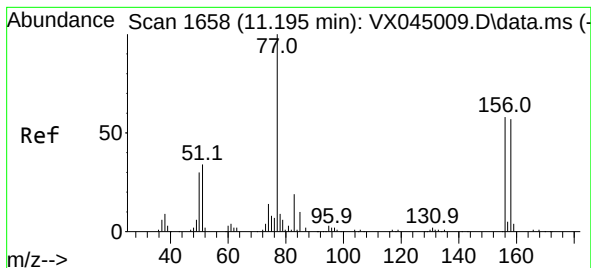
Tgt Ion: 83 Resp: 41882  
 Ion Ratio Lower Upper  
 83 100  
 131 8.5 4.8 14.3  
 85 62.9 32.3 96.8



#72  
 1,2,3-Trichloropropane  
 Concen: 28.801 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. -0.000 min  
 Lab File: VX045340.D  
 Acq: 19 Mar 2025 10:41

Tgt Ion: 75 Resp: 43113  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 0.0 84.0





#73

Bromobenzene

Concen: 20.665 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

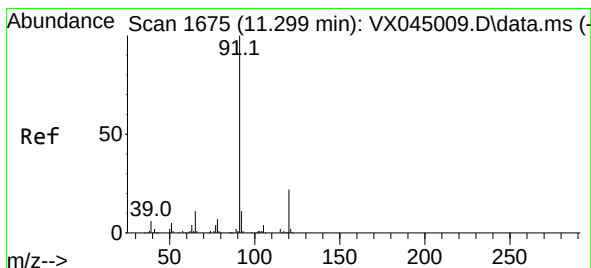
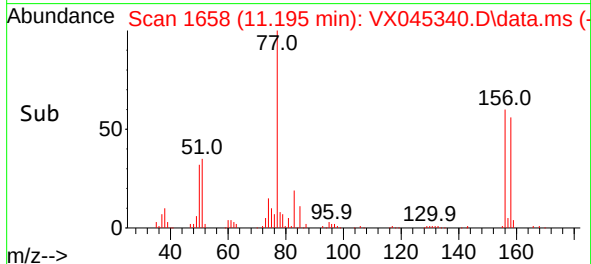
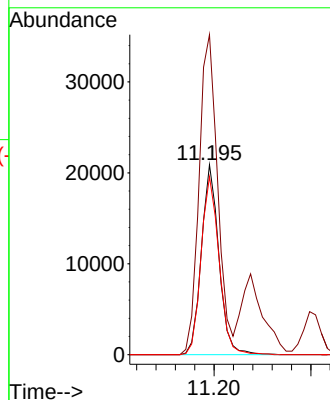
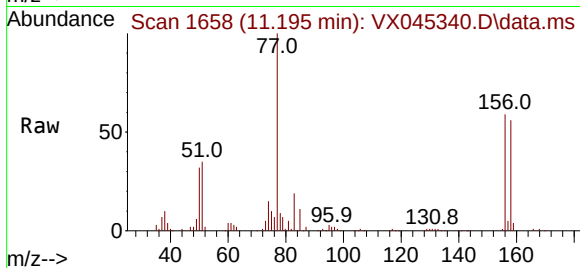
Tgt Ion:156 Resp: 26330

Ion Ratio Lower Upper

156 100

77 178.4 0.0 347.2

158 96.4 0.0 197.6



#74

n-propylbenzene

Concen: 20.998 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VX045340.D

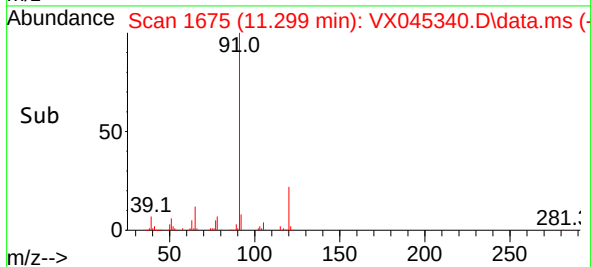
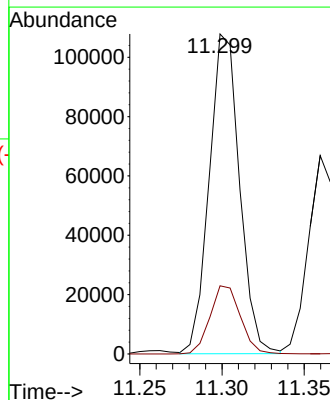
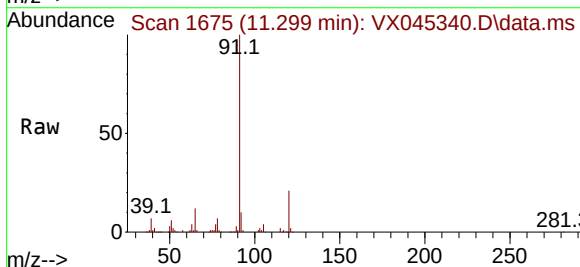
Acq: 19 Mar 2025 10:41

Tgt Ion: 91 Resp: 138300

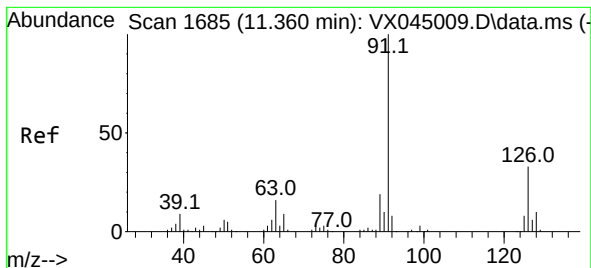
Ion Ratio Lower Upper

91 100

120 21.2 0.0 44.2



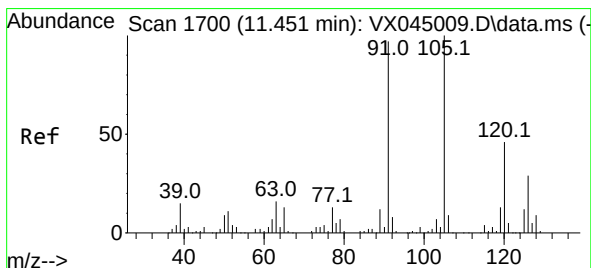
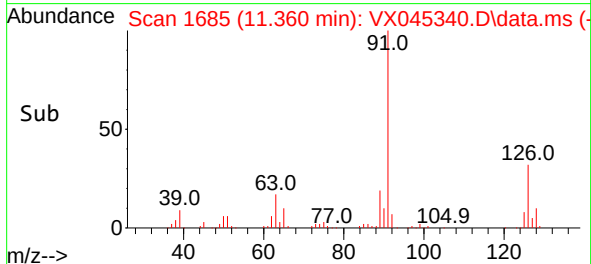
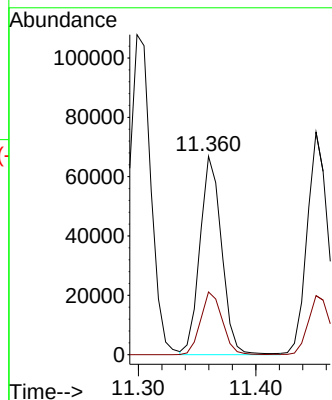
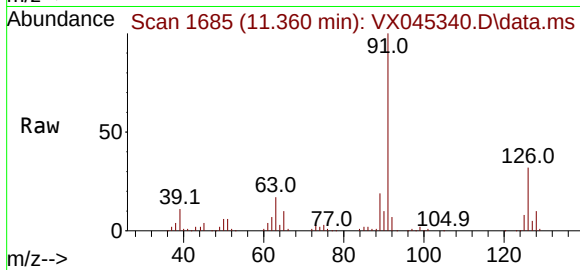




#75  
2-Chlorotoluene  
Concen: 21.614 ug/l  
RT: 11.360 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

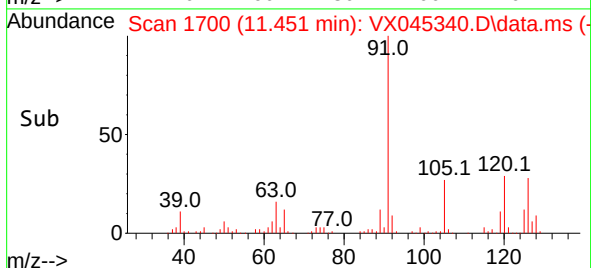
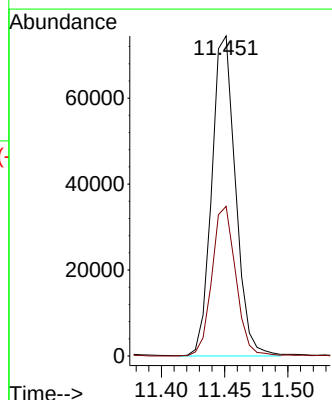
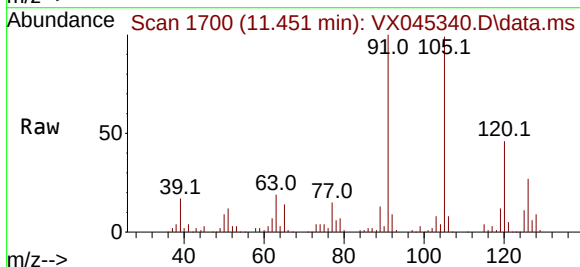
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

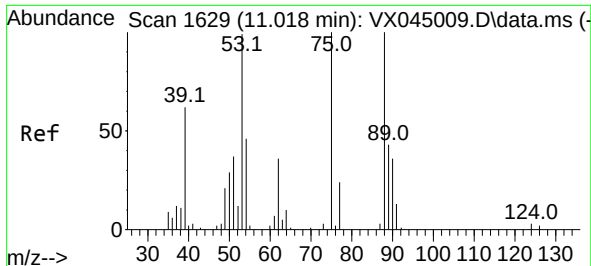
Tgt Ion: 91 Resp: 86063  
Ion Ratio Lower Upper  
91 100  
126 31.5 0.0 65.4



#76  
1,3,5-Trimethylbenzene  
Concen: 21.335 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 105 Resp: 97415  
Ion Ratio Lower Upper  
105 100  
120 47.0 0.0 94.4

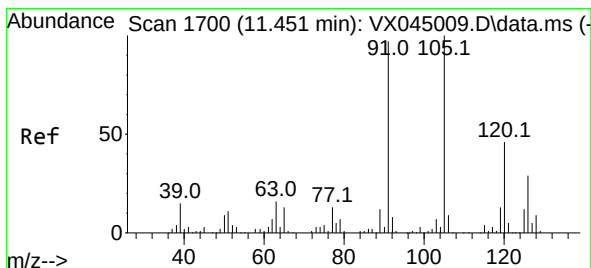
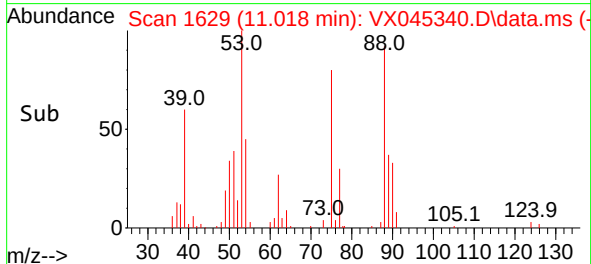
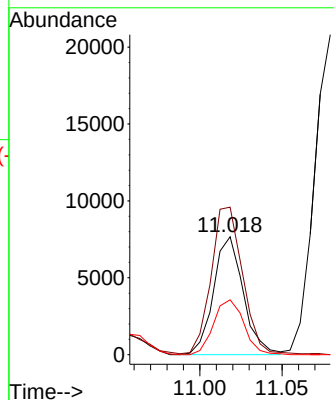
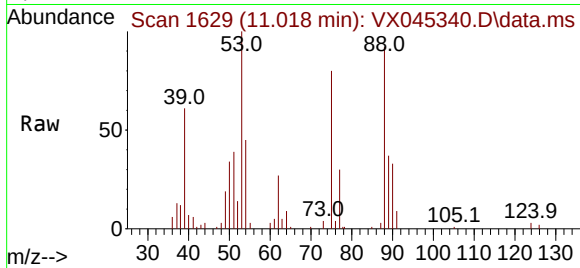




#77  
t-1,4-Dichloro-2-butene  
Concen: 19.262 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

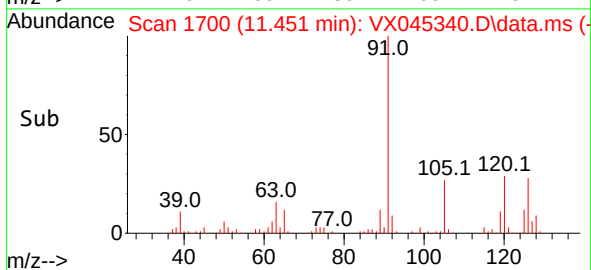
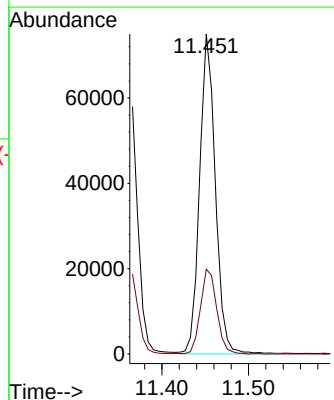
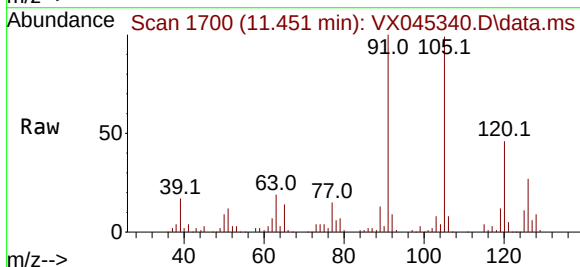
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

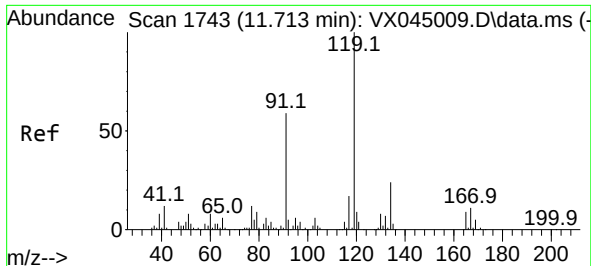
Tgt Ion: 75 Resp: 9701  
Ion Ratio Lower Upper  
75 100  
53 124.2 49.8 149.4  
89 46.5 21.4 64.2



#78  
4-Chlorotoluene  
Concen: 21.317 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 91 Resp: 94621  
Ion Ratio Lower Upper  
91 100  
126 27.2 0.0 58.0

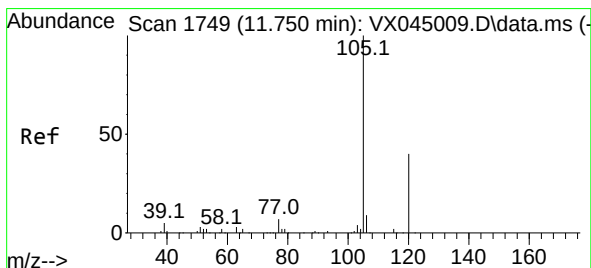
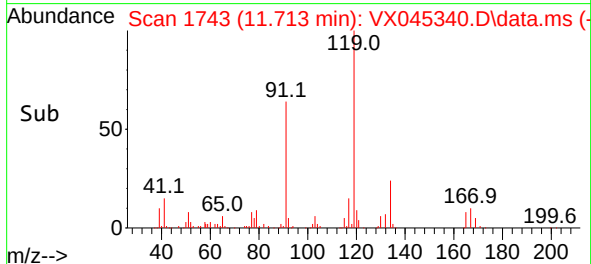
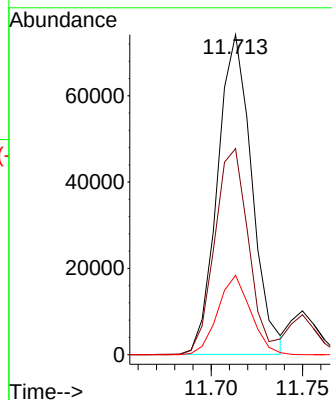
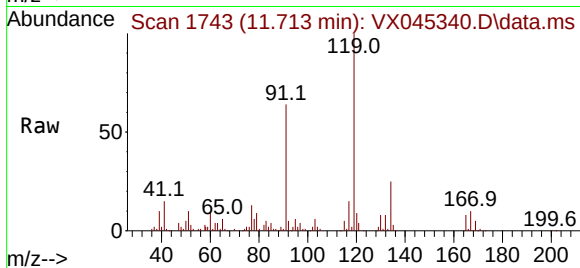




#79  
tert-butylbenzene  
Concen: 21.075 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

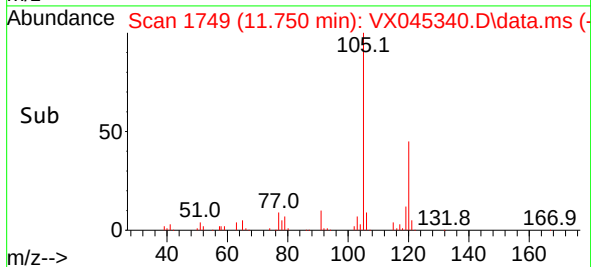
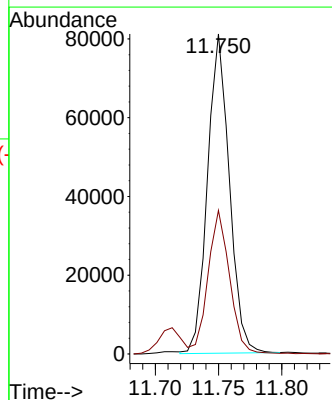
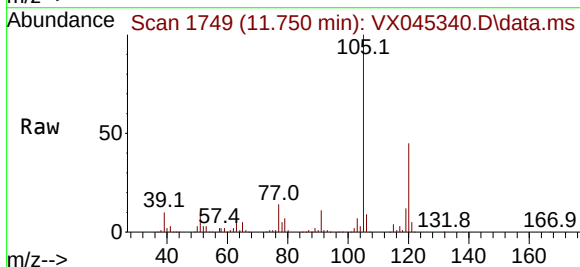
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

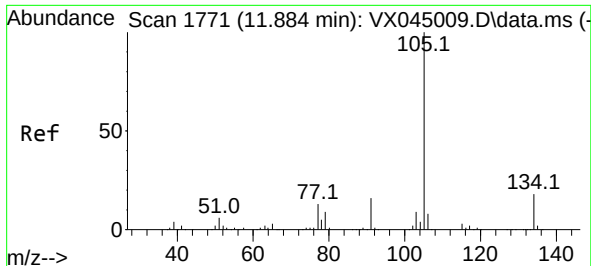
Tgt Ion:119 Resp: 96957  
Ion Ratio Lower Upper  
119 100  
91 63.0 0.0 120.6  
134 23.8 0.0 48.2



#80  
1,2,4-Trimethylbenzene  
Concen: 21.253 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion:105 Resp: 97205  
Ion Ratio Lower Upper  
105 100  
120 44.7 0.0 88.4

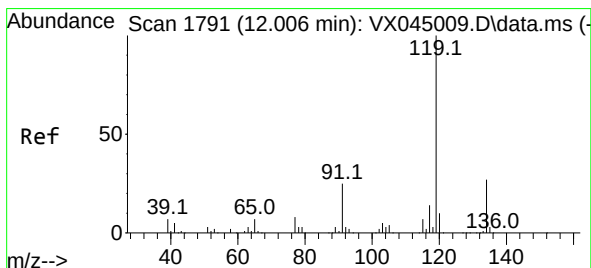
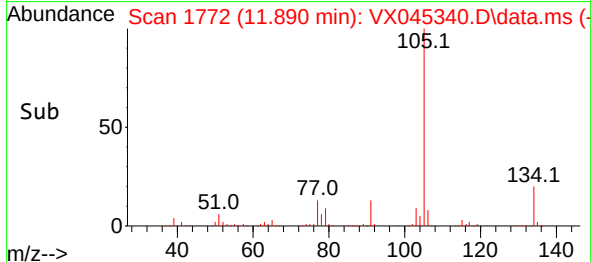
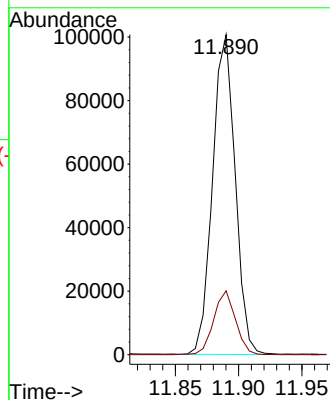
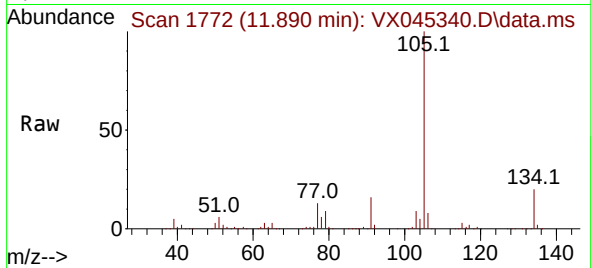




#81  
 sec-Butylbenzene  
 Concen: 21.671 ug/l  
 RT: 11.890 min Scan# 1771  
 Delta R.T. 0.006 min  
 Lab File: VX045340.D  
 Acq: 19 Mar 2025 10:41

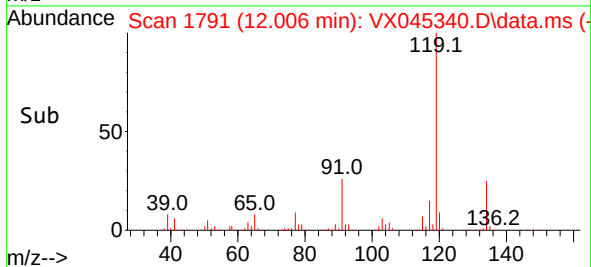
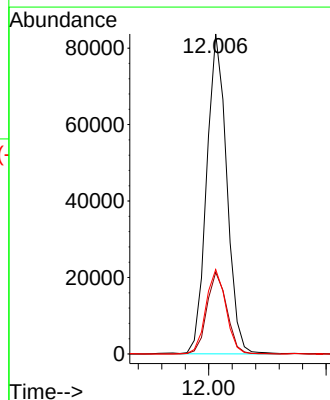
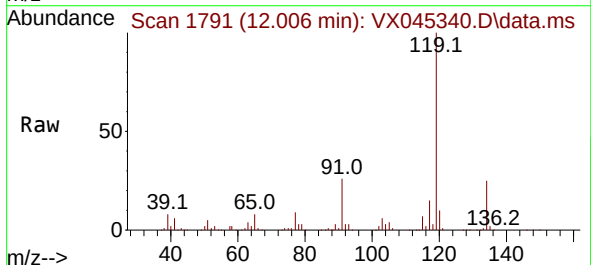
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC020

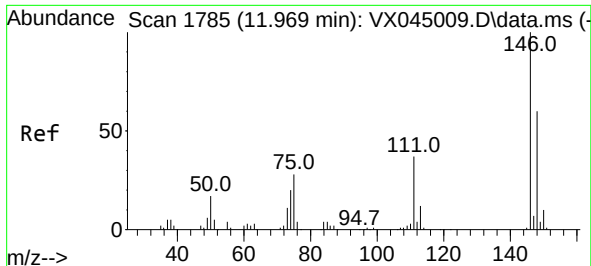
Tgt Ion:105 Resp: 125123  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 0.0 39.0



#82  
 p-Isopropyltoluene  
 Concen: 21.265 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX045340.D  
 Acq: 19 Mar 2025 10:41

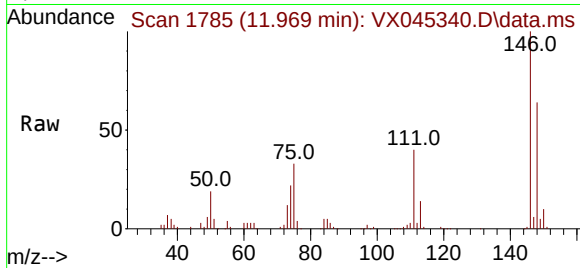
Tgt Ion:119 Resp: 99482  
 Ion Ratio Lower Upper  
 119 100  
 134 25.2 0.0 52.6  
 91 26.2 0.0 51.0



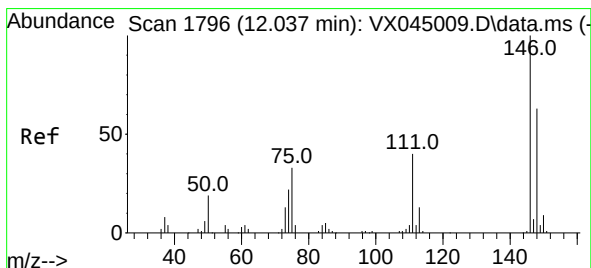
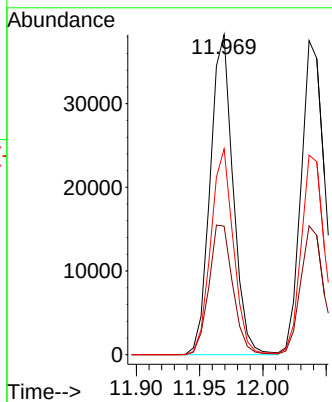
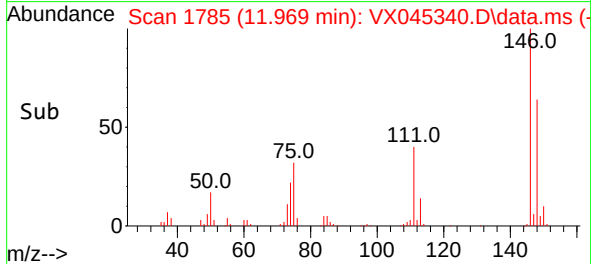


#83  
1,3-Dichlorobenzene  
Concen: 20.274 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

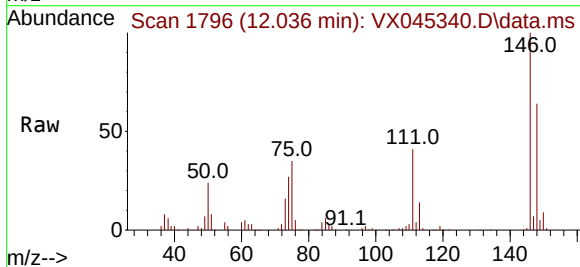
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020



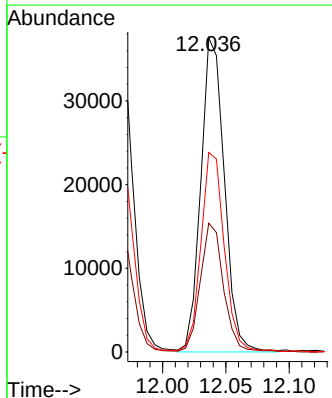
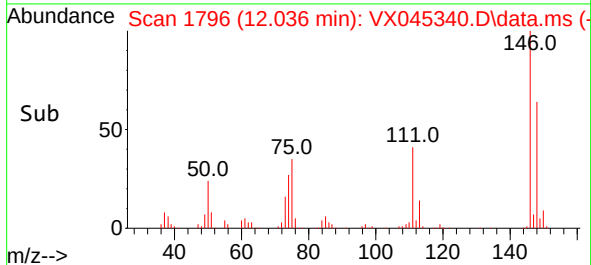
Tgt Ion:146 Resp: 48062  
Ion Ratio Lower Upper  
146 100  
111 42.4 20.2 60.5  
148 63.7 31.2 93.6

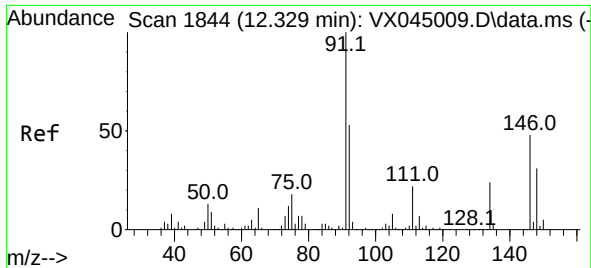


#84  
1,4-Dichlorobenzene  
Concen: 20.863 ug/l  
RT: 12.036 min Scan# 1796  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41



Tgt Ion:146 Resp: 48764  
Ion Ratio Lower Upper  
146 100  
111 39.9 20.4 61.2  
148 63.3 31.8 95.4

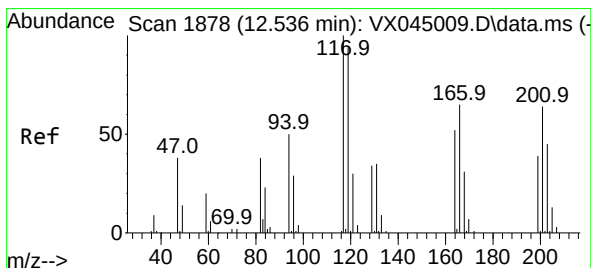
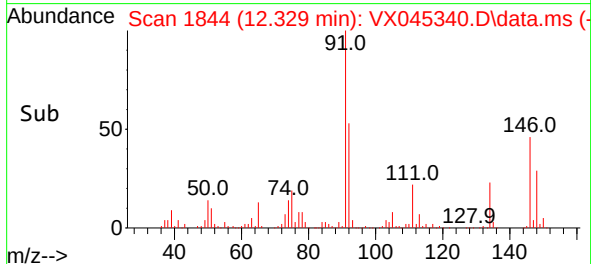
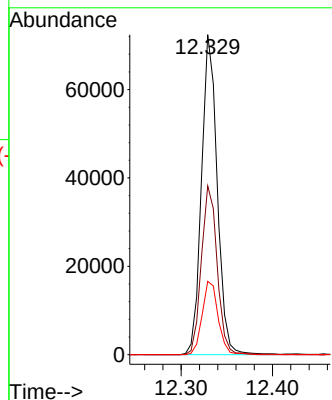
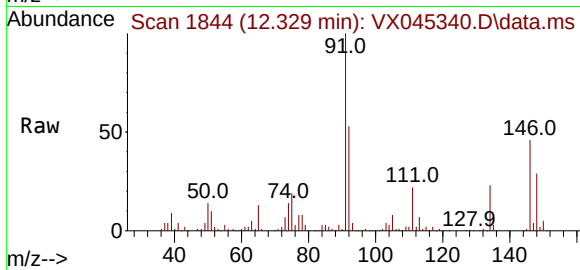




#85  
n-Butylbenzene  
Concen: 20.241 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

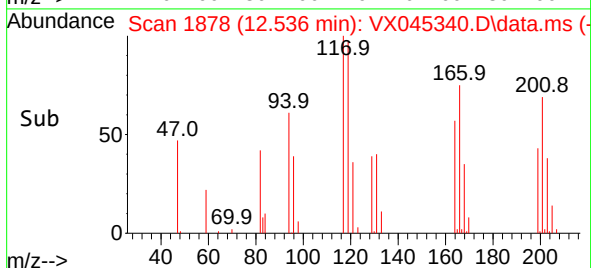
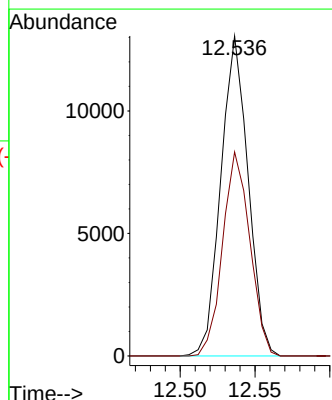
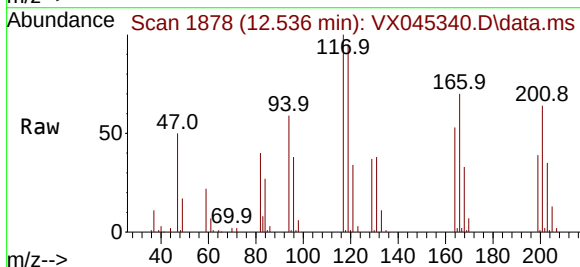
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

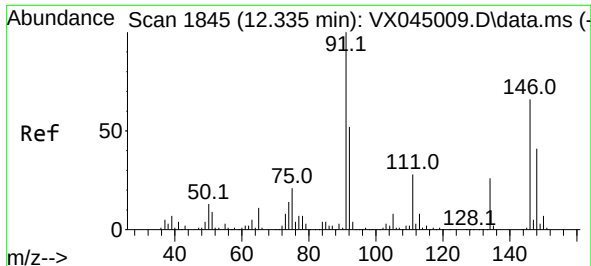
Tgt Ion: 91 Resp: 86472  
Ion Ratio Lower Upper  
91 100  
92 52.3 0.0 105.2  
134 23.1 0.0 49.4



#86  
Hexachloroethane  
Concen: 20.077 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 117 Resp: 16565  
Ion Ratio Lower Upper  
117 100  
201 63.6 32.6 97.7

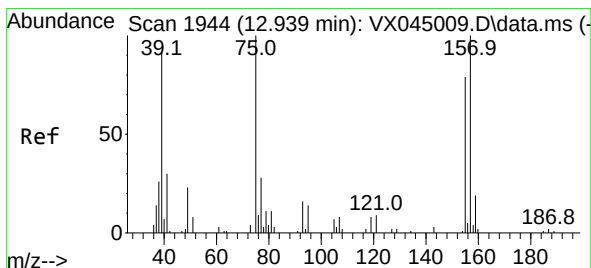
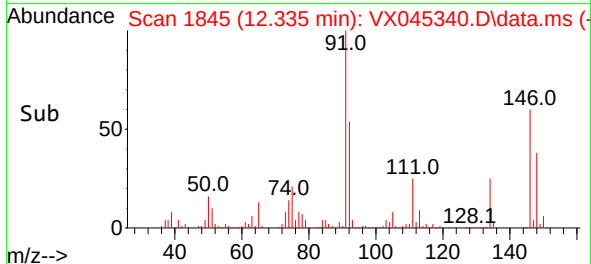
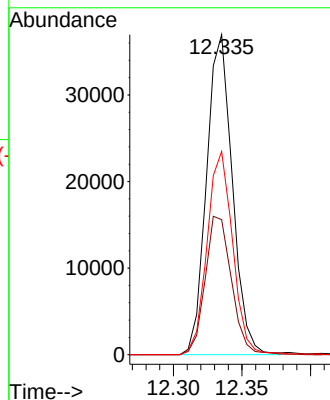
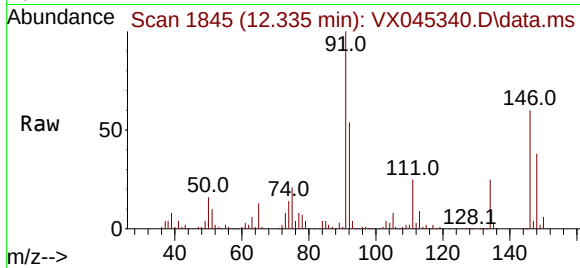




#87  
1,2-Dichlorobenzene  
Concen: 20.821 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

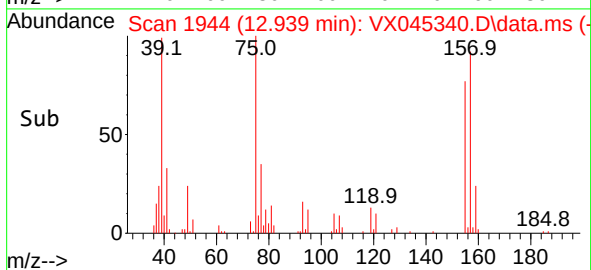
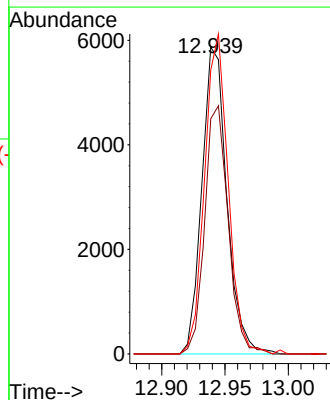
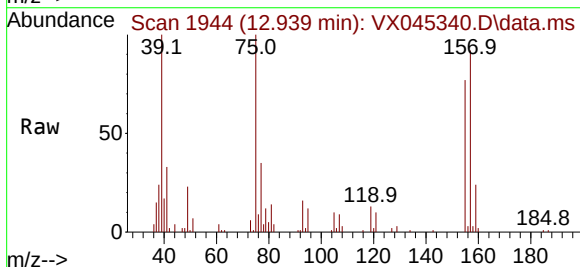
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

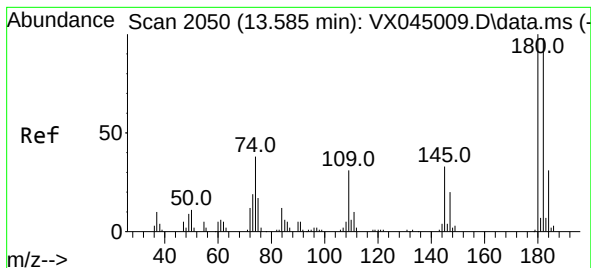
Tgt Ion:146 Resp: 48429  
Ion Ratio Lower Upper  
146 100  
111 44.1 21.7 65.1  
148 62.9 31.8 95.4



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 22.936 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion: 75 Resp: 8082  
Ion Ratio Lower Upper  
75 100  
155 76.1 66.2 99.4  
157 98.1 81.4 122.2





#89

1,2,4-Trichlorobenzene

Concen: 19.206 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC020

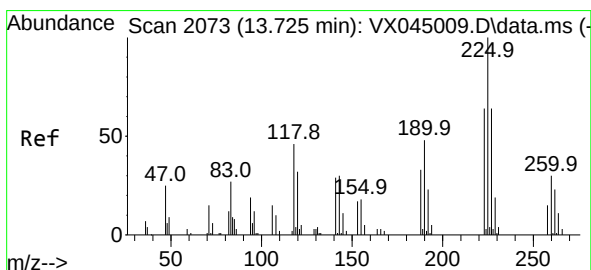
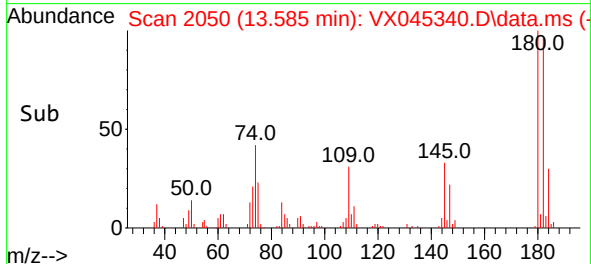
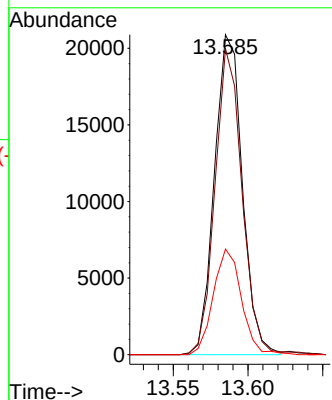
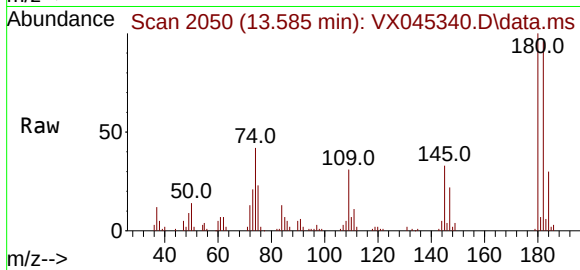
Tgt Ion:180 Resp: 27076

Ion Ratio Lower Upper

180 100

182 92.9 77.7 116.5

145 32.7 25.8 38.6



#90

Hexachlorobutadiene

Concen: 20.427 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

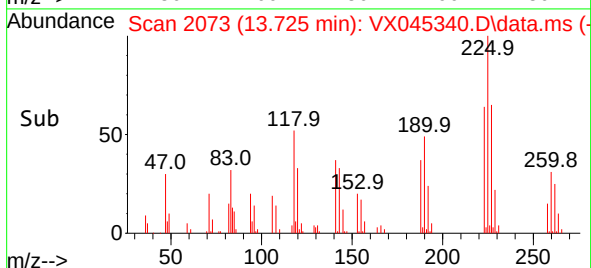
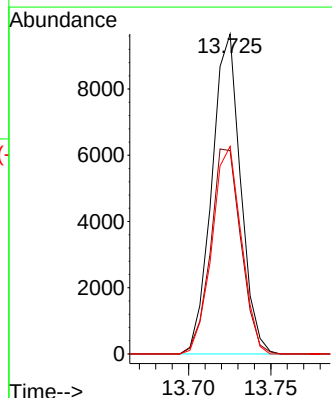
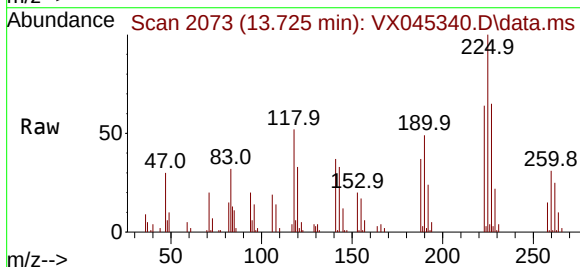
Tgt Ion:225 Resp: 11744

Ion Ratio Lower Upper

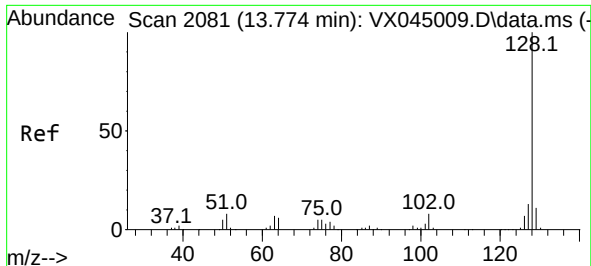
225 100

223 67.9 0.0 123.4

227 66.3 0.0 127.4



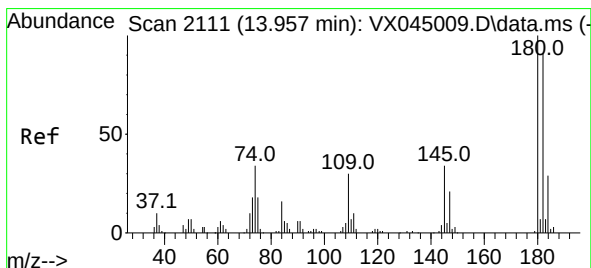
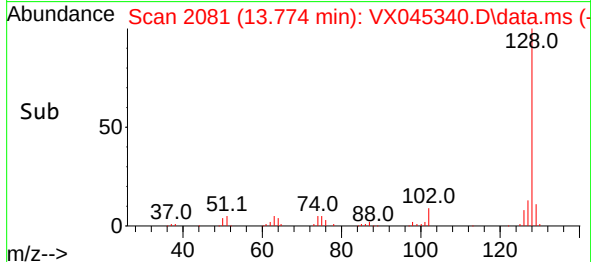
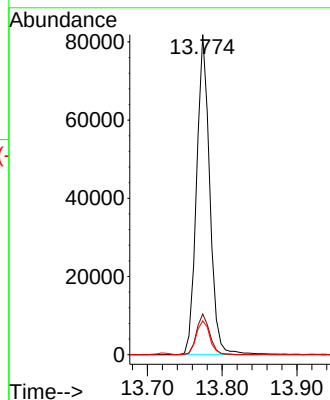
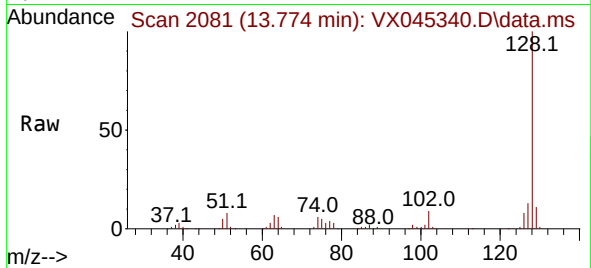




#91  
Naphthalene  
Concen: 20.053 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC020

Tgt Ion:128 Resp: 99680  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.5 15.7  
129 10.9 8.7 13.1



#92  
1,2,3-Trichlorobenzene  
Concen: 19.663 ug/l  
RT: 13.957 min Scan# 2111  
Delta R.T. -0.000 min  
Lab File: VX045340.D  
Acq: 19 Mar 2025 10:41

Tgt Ion:180 Resp: 28538  
Ion Ratio Lower Upper  
180 100  
182 95.3 0.0 186.6  
145 34.7 0.0 68.4

