

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120924\  
 Data File : VX044195.D  
 Acq On : 09 Dec 2024 18:00  
 Operator : JC/MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Dec 10 01:47:37 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 22 03:45:52 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 131298   | 50.000 | ug/l  | 0.01     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 235785   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 208853   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 99726    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 105126   | 46.681   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 93.360% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 77035    | 45.723   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 91.440% |
| 50) Toluene-d8              | 8.647  | 98    | 260361   | 44.830   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 89.660% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 97692    | 49.426   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 98.860% |

|                              |       |     |         |         |      |        |
|------------------------------|-------|-----|---------|---------|------|--------|
| Target Compounds             |       |     |         |         |      | Qvalue |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 62774   | 37.740  | ug/l | 99     |
| 3) Chloromethane             | 1.294 | 50  | 70433   | 40.240  | ug/l | 97     |
| 4) Vinyl Chloride            | 1.374 | 62  | 77773   | 41.774  | ug/l | 95     |
| 5) Bromomethane              | 1.593 | 94  | 55509   | 48.466  | ug/l | 96     |
| 6) Chloroethane              | 1.660 | 64  | 52511   | 46.289  | ug/l | 98     |
| 7) Trichlorofluoromethane    | 1.867 | 101 | 158833  | 47.719  | ug/l | 97     |
| 8) Diethyl Ether             | 2.136 | 74  | 58422   | 48.156  | ug/l | 96     |
| 9) 1,1,2-Trichlorotrifluo... | 2.312 | 101 | 69490   | 43.767  | ug/l | 99     |
| 10) Methyl Iodide            | 2.440 | 142 | 94864   | 47.840  | ug/l | 98     |
| 11) Tert butyl alcohol       | 3.001 | 59  | 81324   | 224.985 | ug/l | 98     |
| 12) 1,1-Dichloroethene       | 2.306 | 96  | 66330   | 43.842  | ug/l | 98     |
| 13) Acrolein                 | 2.239 | 56  | 97792   | 256.674 | ug/l | 98     |
| 14) Allyl chloride           | 2.654 | 41  | 116347  | 47.063  | ug/l | 98     |
| 15) Acrylonitrile            | 3.068 | 53  | 221106  | 251.011 | ug/l | 99     |
| 16) Acetone                  | 2.392 | 43  | 214107  | 207.003 | ug/l | 100    |
| 17) Carbon Disulfide         | 2.501 | 76  | 112753  | 36.130  | ug/l | 100    |
| 18) Methyl Acetate           | 2.709 | 43  | 119578  | 49.645  | ug/l | 99     |
| 19) Methyl tert-butyl Ether  | 3.117 | 73  | 279759  | 50.926  | ug/l | 99     |
| 20) Methylene Chloride       | 2.782 | 84  | 79720   | 45.418  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene | 3.081 | 96  | 71950   | 46.062  | ug/l | 93     |
| 22) Diisopropyl ether        | 3.763 | 45  | 261443  | 49.458  | ug/l | 97     |
| 23) Vinyl Acetate            | 3.721 | 43  | 1132475 | 250.436 | ug/l | 100    |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 149227  | 48.934  | ug/l | 98     |
| 25) 2-Butanone               | 4.568 | 43  | 331515  | 248.401 | ug/l | 99     |
| 26) 2,2-Dichloropropane      | 4.464 | 77  | 118688  | 43.095  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 91381   | 47.328  | ug/l | 98     |
| 28) Bromochloromethane       | 4.897 | 49  | 59291   | 44.170  | ug/l | 97     |
| 29) Tetrahydrofuran          | 5.013 | 42  | 212659  | 259.914 | ug/l | 98     |
| 30) Chloroform               | 5.092 | 83  | 164031  | 50.011  | ug/l | 97     |
| 31) Cyclohexane              | 5.458 | 56  | 111053  | 44.246  | ug/l | 100    |
| 32) 1,1,1-Trichloroethane    | 5.373 | 97  | 140424  | 49.647  | ug/l | 100    |
| 36) 1,1-Dichloropropene      | 5.684 | 75  | 97977   | 46.667  | ug/l | 99     |
| 37) Ethyl Acetate            | 4.721 | 43  | 127992  | 49.112  | ug/l | 99     |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 111142  | 47.113  | ug/l | 97     |
| 39) Methylcyclohexane        | 7.372 | 83  | 117340  | 43.022  | ug/l | 98     |
| 40) Benzene                  | 6.031 | 78  | 308789  | 47.218  | ug/l | 98     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120924\  
 Data File : VX044195.D  
 Acq On : 09 Dec 2024 18:00  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Dec 10 01:47:37 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 22 03:45:52 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 68199    | 51.129  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 129196   | 49.190  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.342  | 43   | 212581   | 51.255  | ug/l   | 99       |
| 44) Trichloroethene           | 7.123  | 130  | 76601    | 41.377  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 77580    | 48.435  | ug/l   | 92       |
| 46) Dibromomethane            | 7.580  | 93   | 63965    | 50.484  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.818  | 83   | 116358   | 51.205  | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.696  | 41   | 100896   | 50.698  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 29761    | 839.512 | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 685832   | 270.971 | ug/l   | 99       |
| 52) Toluene                   | 8.714  | 92   | 192454   | 49.168  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 117834   | 50.850  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 123739   | 48.710  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 81959    | 50.724  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 132200   | 52.529  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 138542   | 50.900  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 328935   | 238.340 | ug/l   | 100      |
| 59) 2-Hexanone                | 9.433  | 43   | 514271   | 270.331 | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.518  | 129  | 82189    | 50.698  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 84512    | 51.728  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 64007    | 46.478  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 217542   | 47.426  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 75268    | 50.596  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 381676   | 49.105  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 283405   | 97.773  | ug/l   | 100      |
| 69) o-Xylene                  | 10.640 | 106  | 142308   | 50.284  | ug/l   | 98       |
| 70) Styrene                   | 10.652 | 104  | 236741   | 50.577  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 50122    | 44.729  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 365951   | 47.738  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 184869   | 52.058  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 127456   | 48.557  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 141075   | 64.507  | ug/l   | 83       |
| 77) Bromobenzene              | 11.195 | 156  | 87469    | 47.832  | ug/l   | 99       |
| 78) n-propylbenzene           | 11.305 | 91   | 418467   | 48.877  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 256367   | 47.354  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 311795   | 49.438  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 36117    | 45.064  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 296611   | 48.528  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 309761   | 49.553  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 308254   | 49.093  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 378505   | 49.420  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 312583   | 50.244  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 158004   | 47.440  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 158608   | 46.709  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 270623   | 49.338  | ug/l   | 100      |
| 90) Hexachloroethane          | 12.536 | 117  | 48712    | 46.047  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 161209   | 47.962  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 26680    | 50.727  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 91104    | 45.975  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 35883    | 45.818  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 363187   | 50.915  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 96130    | 47.928  | ug/l   | 95       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120924\  
Data File : VX044195.D  
Acq On : 09 Dec 2024 18:00  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Dec 10 01:47:37 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:45:52 2024  
Response via : Initial Calibration

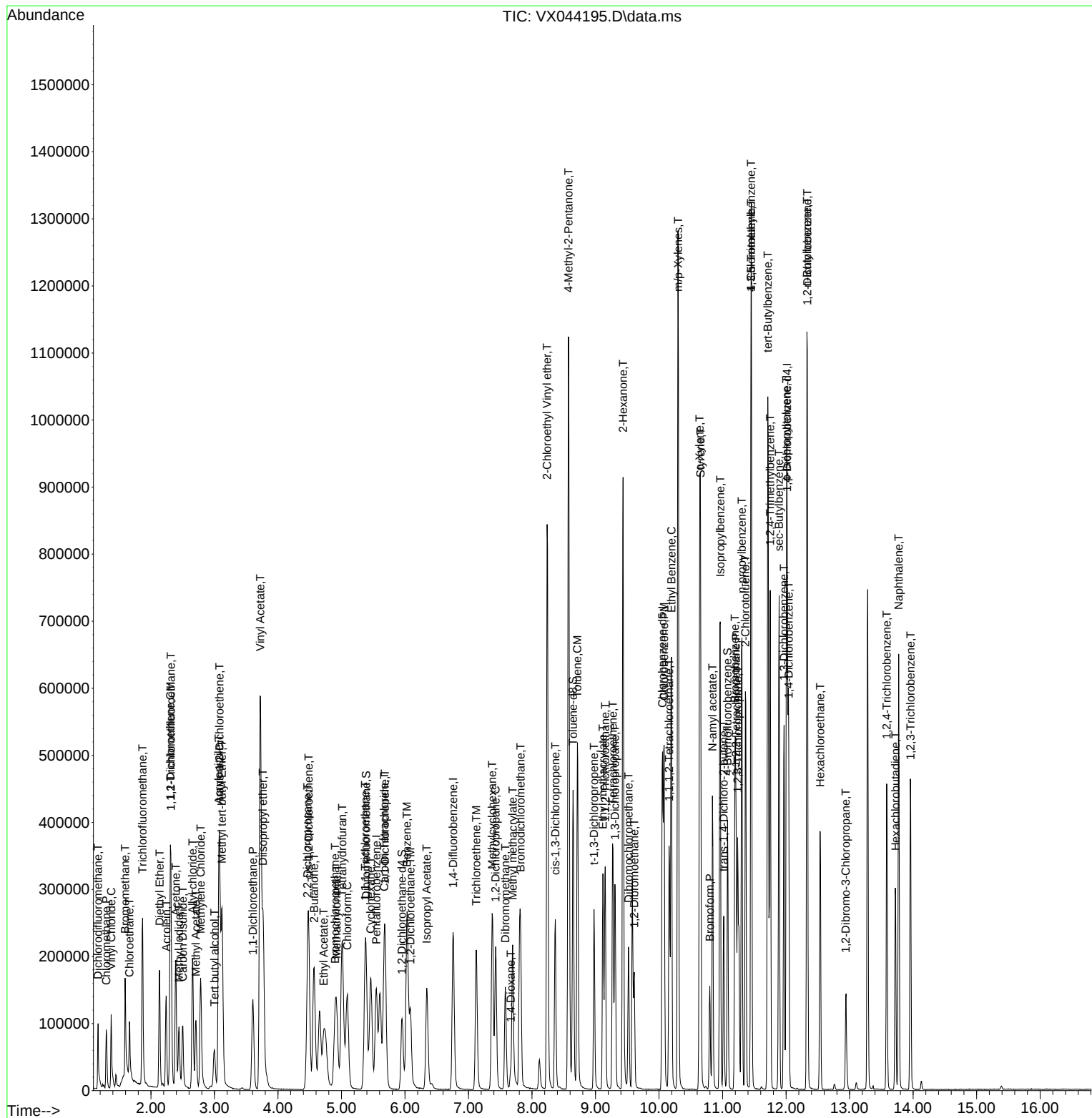
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

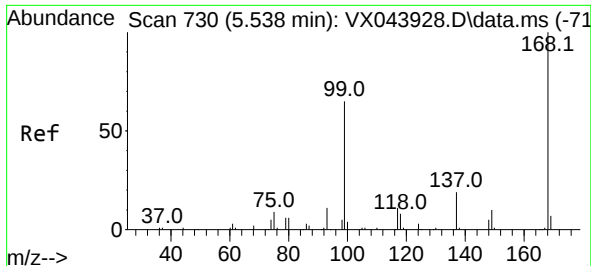
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120924\
Data File : VX044195.D
Acq On    : 09 Dec 2024  18:00
Operator  : JC/MD
Sample    : VSTDCCC050
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 23   Sample Multiplier: 1
```

**Instrument :**  
MSVOA\_X  
**ClientSampleId :**  
VSTDCCC050EC

Quant Time: Dec 10 01:47:37 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:45:52 2024  
Response via : Initial Calibration

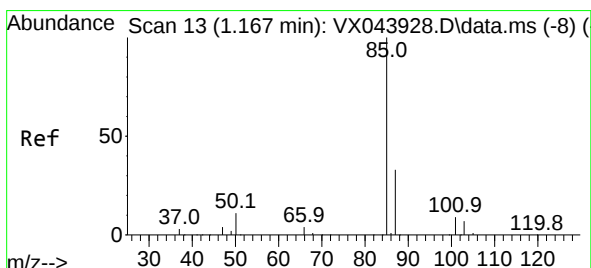
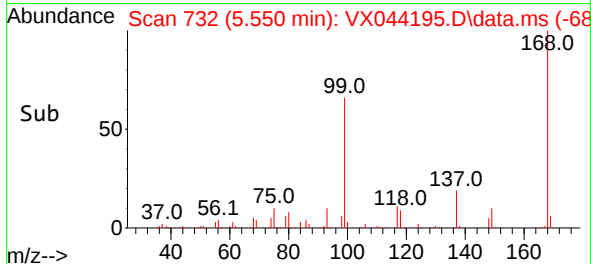
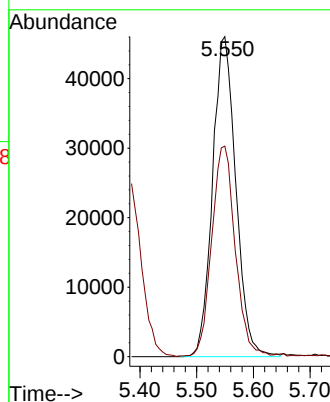
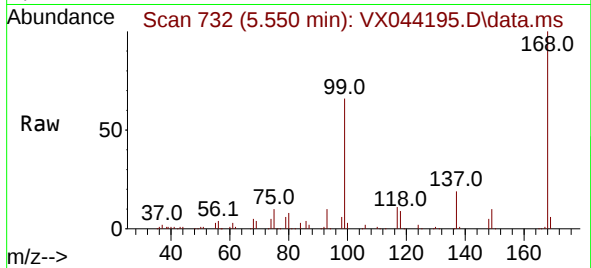




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.012 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

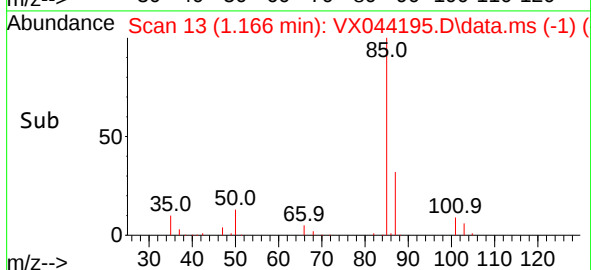
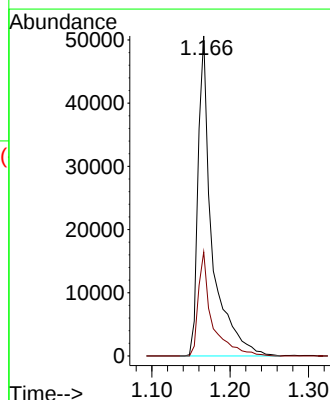
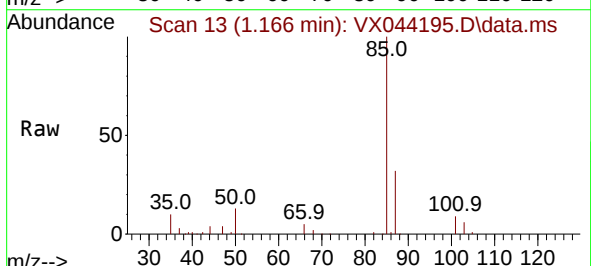
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

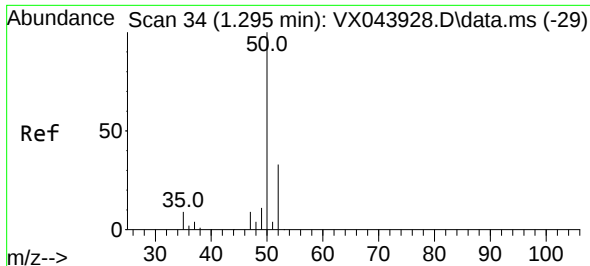
Tgt Ion:168 Resp: 131298  
Ion Ratio Lower Upper  
168 100  
99 65.6 51.8 77.8



#2  
Dichlorodifluoromethane  
Concen: 37.740 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 85 Resp: 62774  
Ion Ratio Lower Upper  
85 100  
87 32.5 16.6 49.8

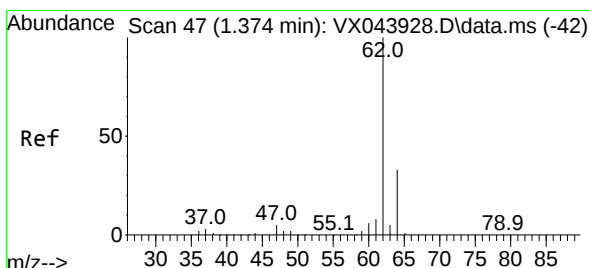
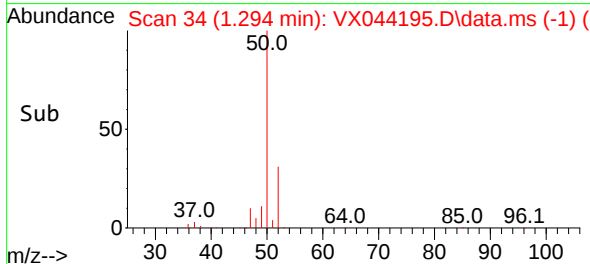
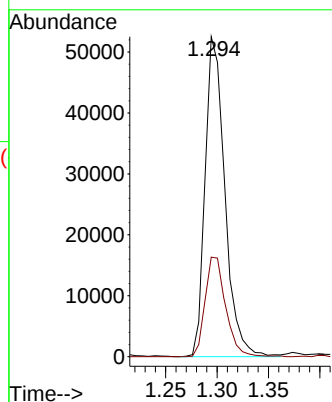
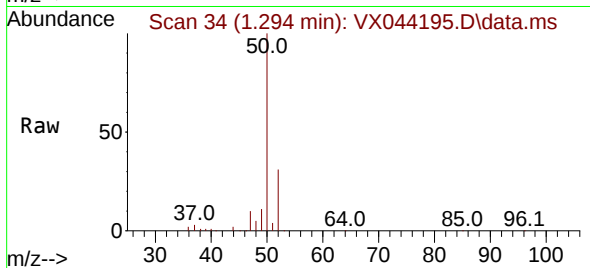




#3  
Chloromethane  
Concen: 40.240 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

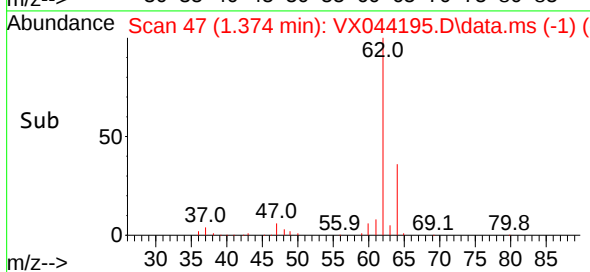
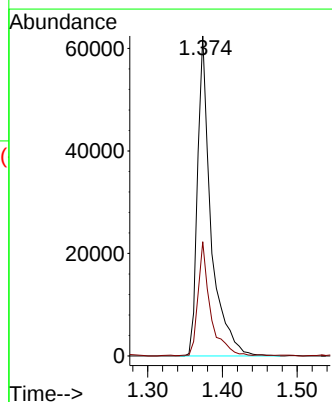
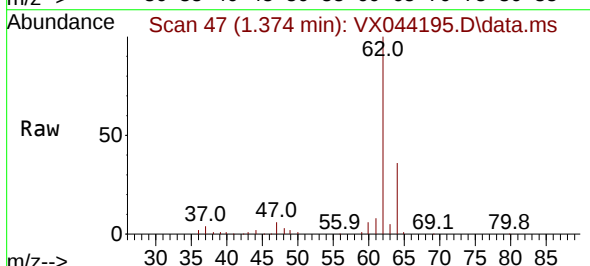
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

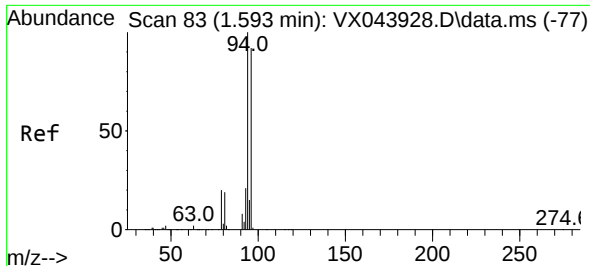
Tgt Ion: 50 Resp: 70433  
Ion Ratio Lower Upper  
50 100  
52 31.1 26.1 39.1



#4  
Vinyl Chloride  
Concen: 41.774 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 62 Resp: 77773  
Ion Ratio Lower Upper  
62 100  
64 35.6 26.2 39.4

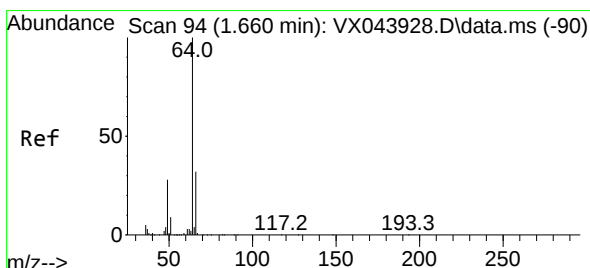
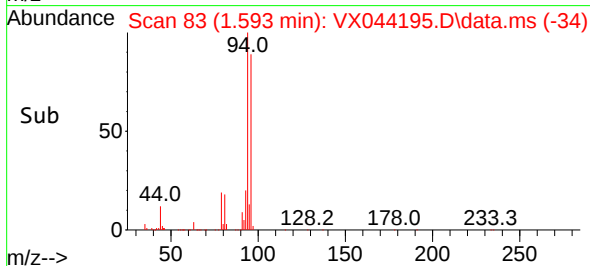
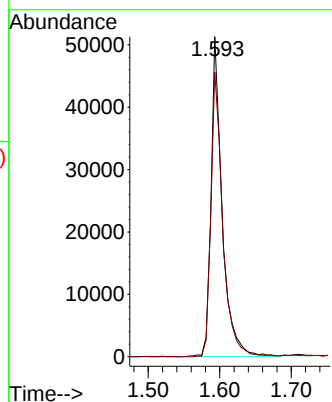
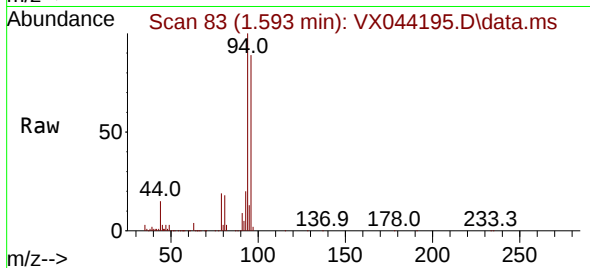




#5  
Bromomethane  
Concen: 48.466 ug/l  
RT: 1.593 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

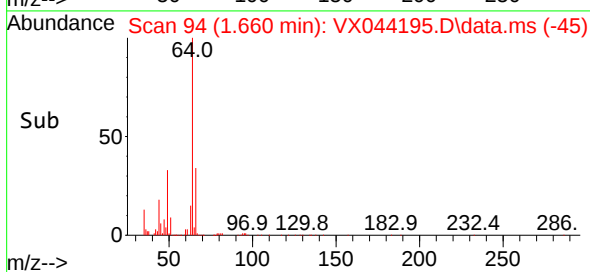
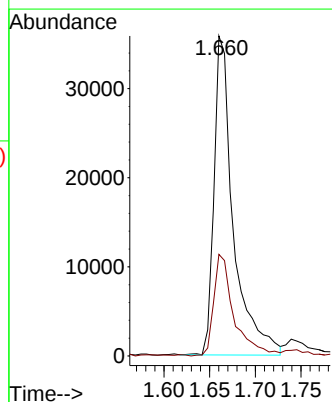
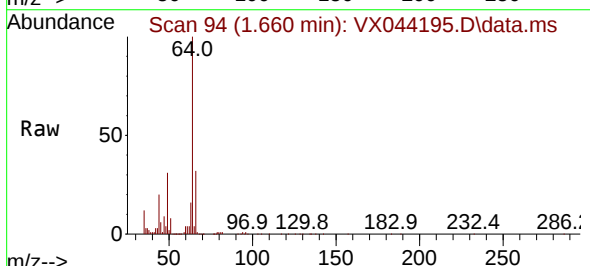
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

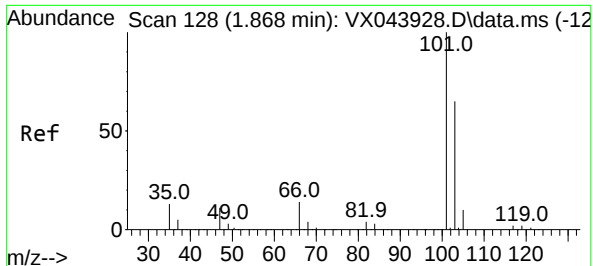
Tgt Ion: 94 Resp: 55509  
Ion Ratio Lower Upper  
94 100  
96 89.0 73.9 110.9



#6  
Chloroethane  
Concen: 46.289 ug/l  
RT: 1.660 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 64 Resp: 52511  
Ion Ratio Lower Upper  
64 100  
66 31.4 25.9 38.9

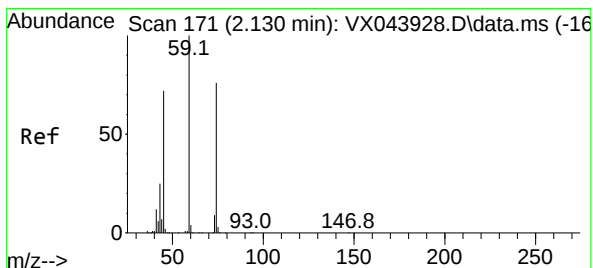
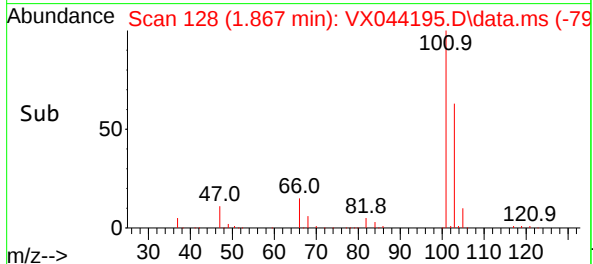
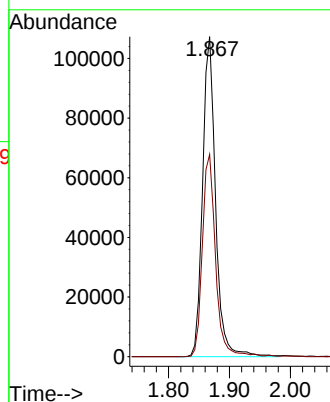
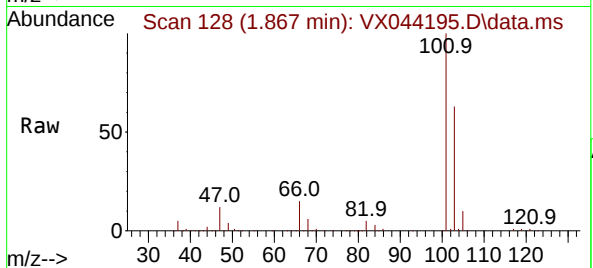




#7  
Trichlorofluoromethane  
Concen: 47.719 ug/l  
RT: 1.867 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

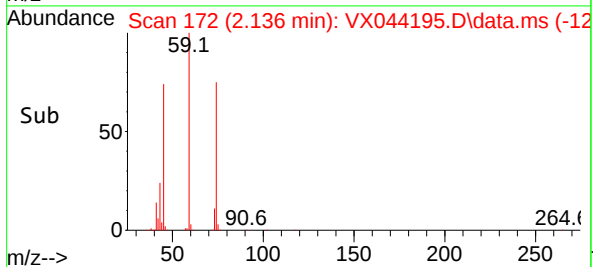
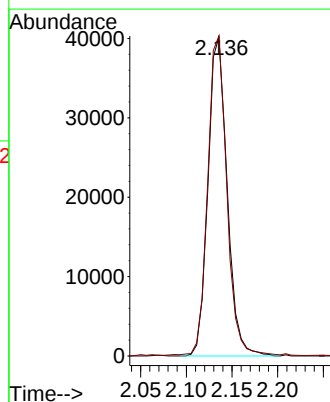
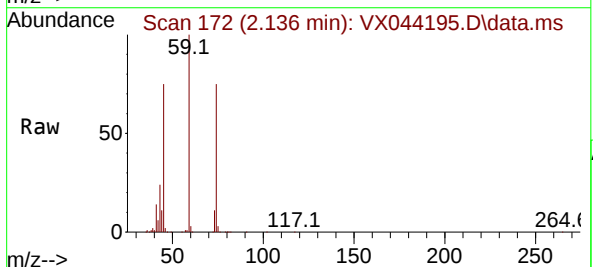
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

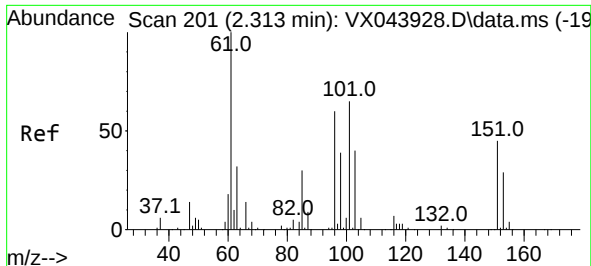
Tgt Ion:101 Resp: 158833  
Ion Ratio Lower Upper  
101 100  
103 63.2 52.2 78.2



#8  
Diethyl Ether  
Concen: 48.156 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 74 Resp: 58422  
Ion Ratio Lower Upper  
74 100  
45 99.2 47.9 143.6

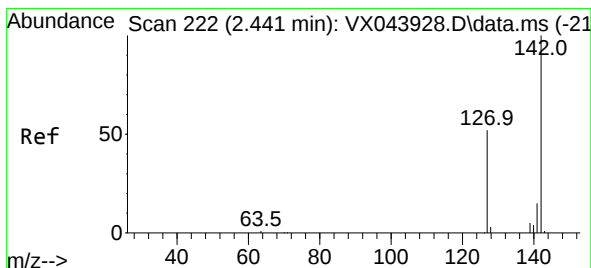
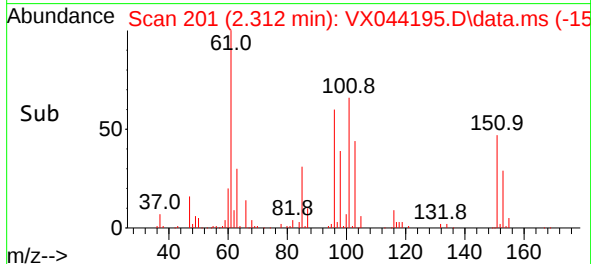
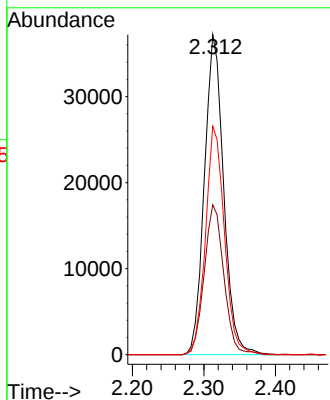
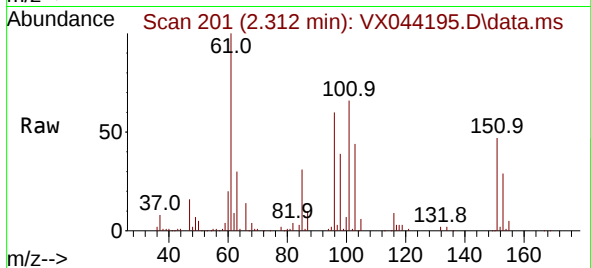




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 43.767 ug/l  
RT: 2.312 min Scan# 201  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

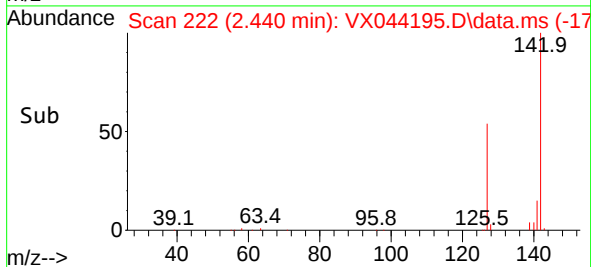
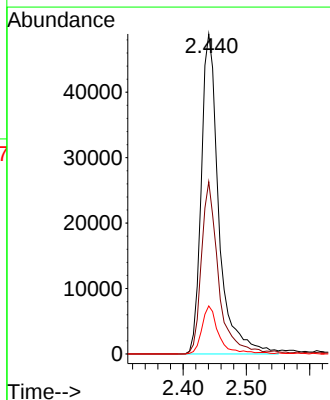
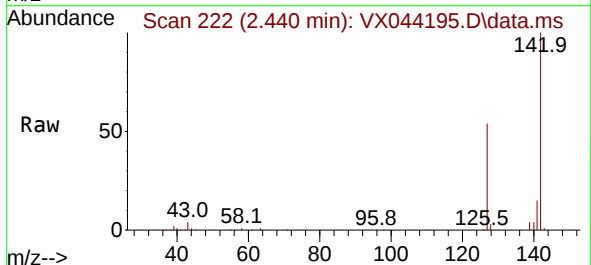
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

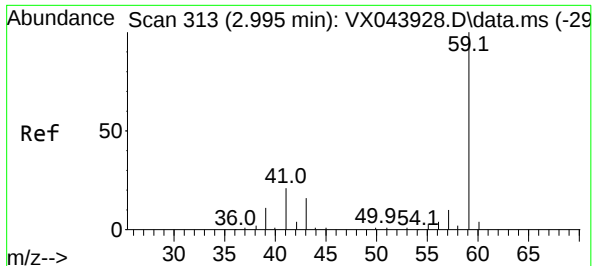
Tgt Ion:101 Resp: 69490  
Ion Ratio Lower Upper  
101 100  
85 47.8 37.9 56.9  
151 70.4 57.5 86.3



#10  
Methyl Iodide  
Concen: 47.840 ug/l  
RT: 2.440 min Scan# 222  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion:142 Resp: 94864  
Ion Ratio Lower Upper  
142 100  
127 52.1 40.7 61.1  
141 14.4 12.0 18.0





#11

Tert butyl alcohol

Concen: 224.985 ug/l

RT: 3.001 min Scan# 313

Delta R.T. 0.006 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

Instrument :

MSVOA\_X

ClientSampleId :

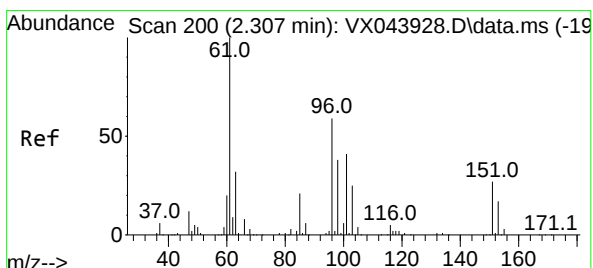
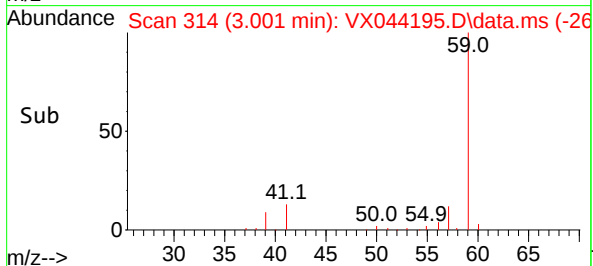
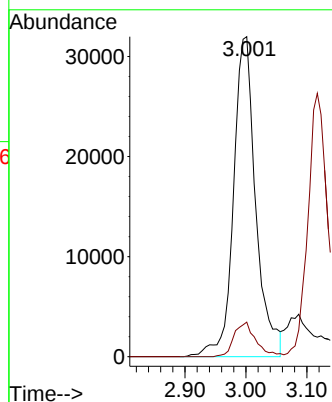
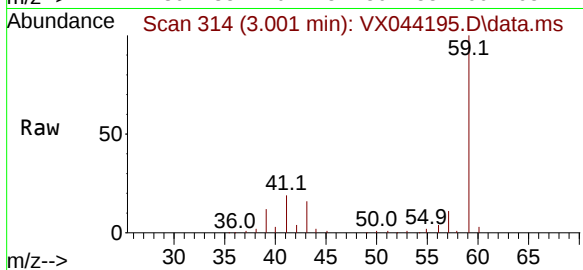
VSTDCCC050EC

Tgt Ion: 59 Resp: 81324

Ion Ratio Lower Upper

59 100

57 10.6 7.9 11.9



#12

1,1-Dichloroethene

Concen: 43.842 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

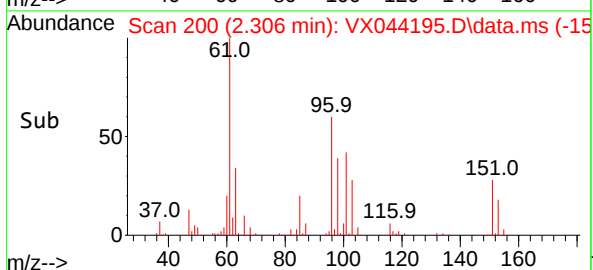
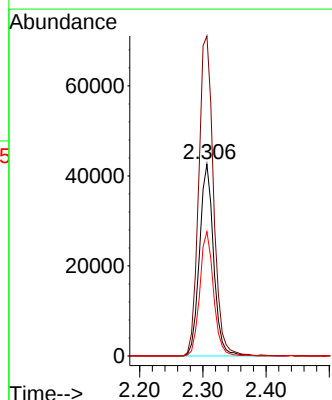
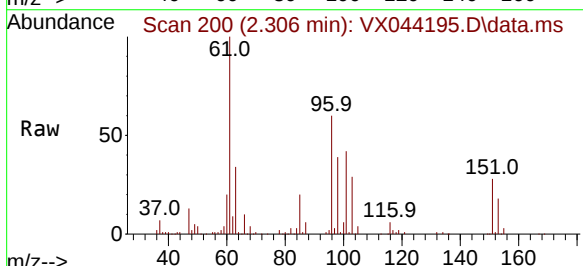
Tgt Ion: 96 Resp: 66330

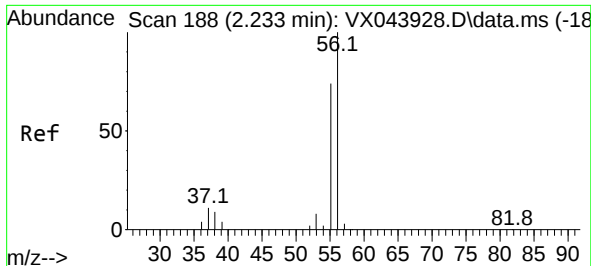
Ion Ratio Lower Upper

96 100

61 167.0 135.5 203.3

98 64.8 50.8 76.2

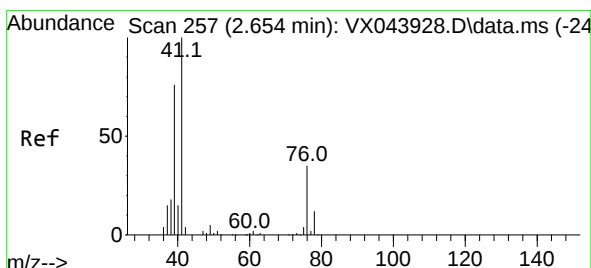
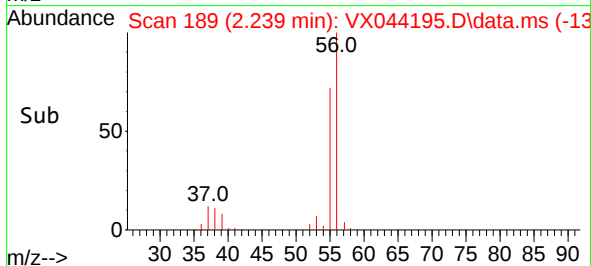
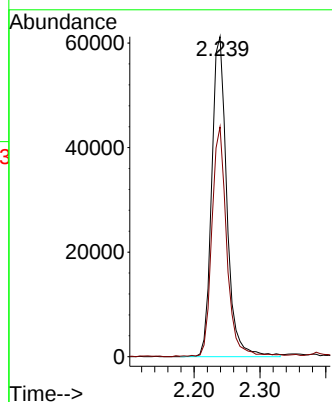
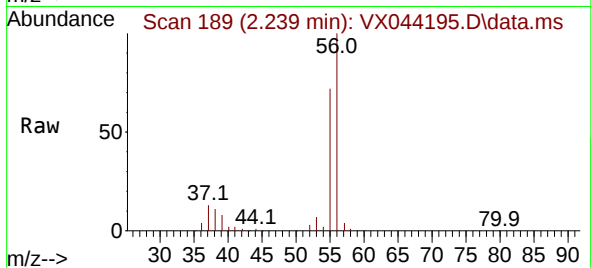




#13  
Acrolein  
Concen: 256.674 ug/l  
RT: 2.239 min Scan# 188  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

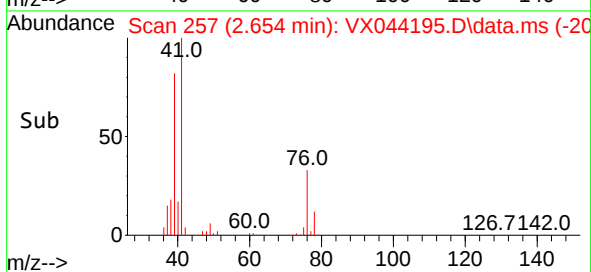
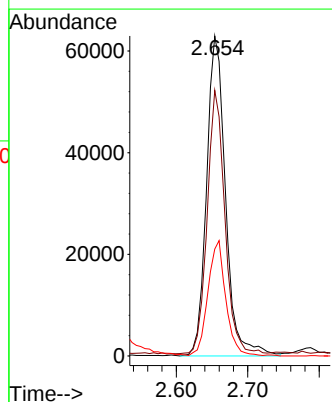
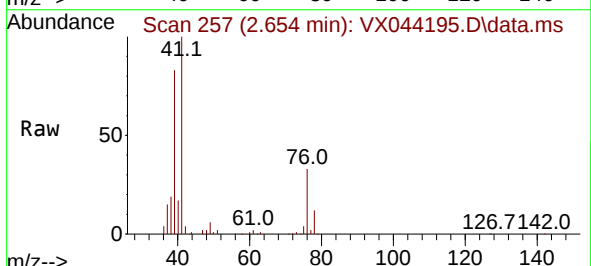
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 56 Resp: 97792  
Ion Ratio Lower Upper  
56 100  
55 71.4 58.2 87.2



#14  
Allyl chloride  
Concen: 47.063 ug/l  
RT: 2.654 min Scan# 257  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 41 Resp: 116347  
Ion Ratio Lower Upper  
41 100  
39 76.2 59.5 89.3  
76 33.5 27.4 41.2

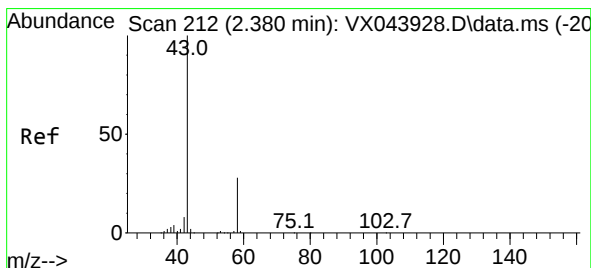
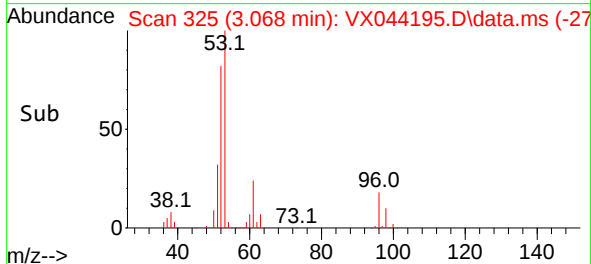
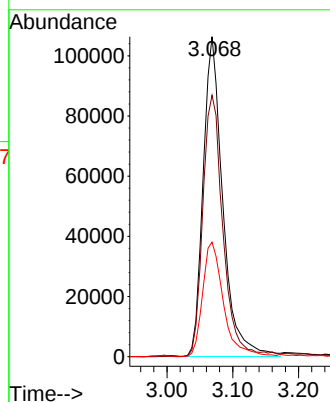
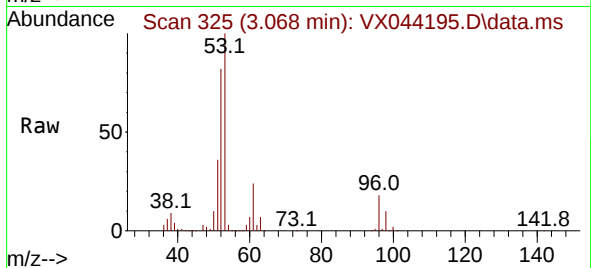




#15  
Acrylonitrile  
Concen: 251.011 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

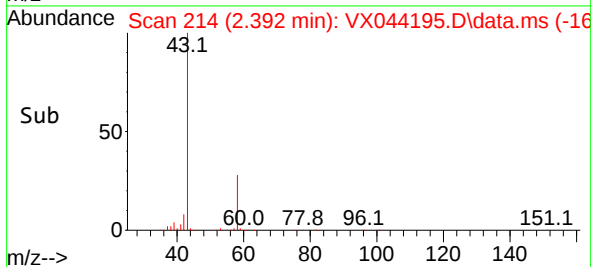
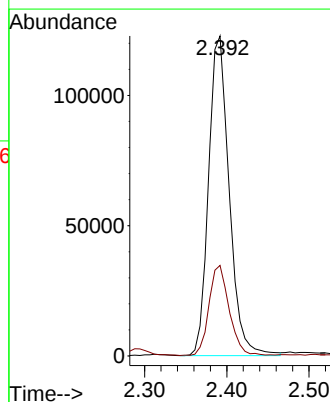
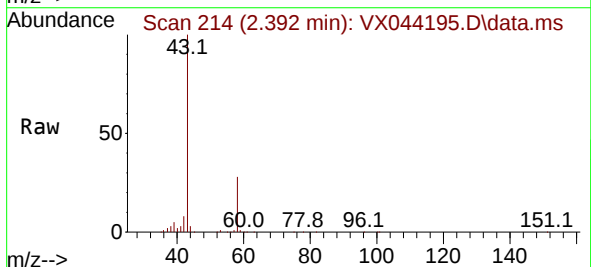
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

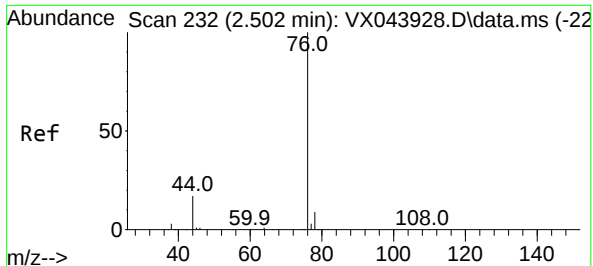
Tgt Ion: 53 Resp: 221106  
Ion Ratio Lower Upper  
53 100  
52 83.8 66.5 99.7  
51 37.5 30.2 45.4



#16  
Acetone  
Concen: 207.003 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.012 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 43 Resp: 214107  
Ion Ratio Lower Upper  
43 100  
58 28.2 22.7 34.1

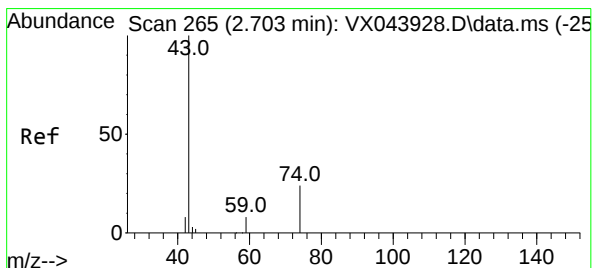
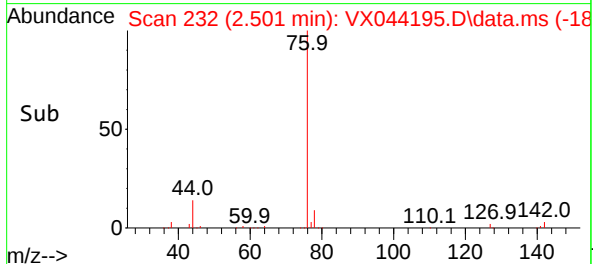
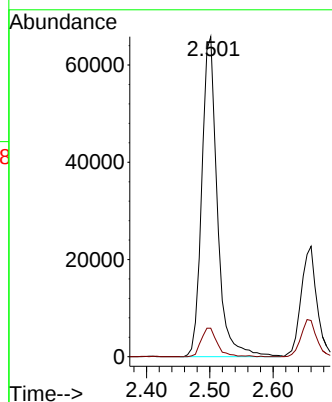
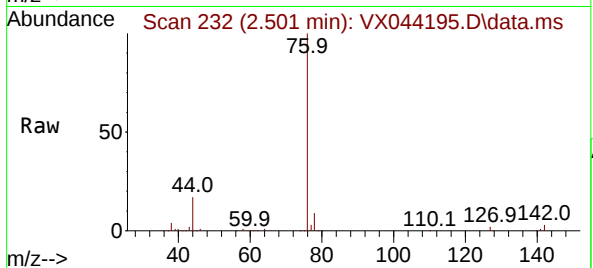




#17  
Carbon Disulfide  
Concen: 36.130 ug/l  
RT: 2.501 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

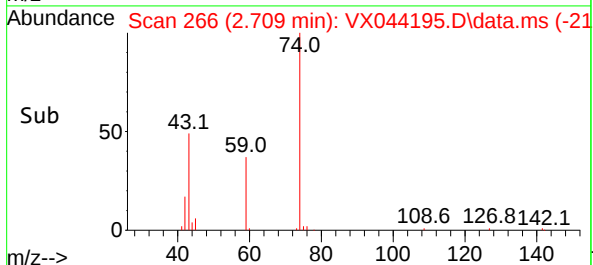
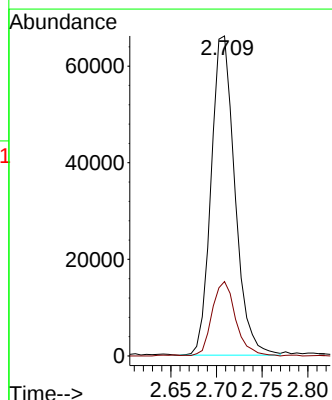
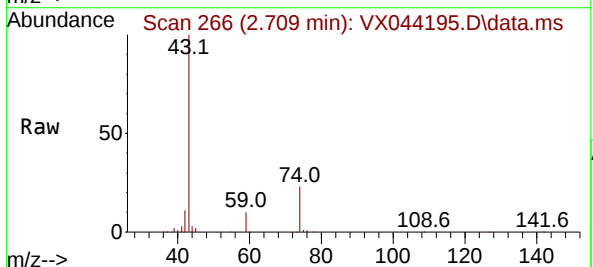
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

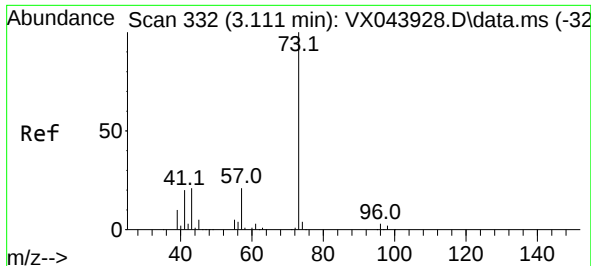
Tgt Ion: 76 Resp: 112753  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.0 10.6



#18  
Methyl Acetate  
Concen: 49.645 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 43 Resp: 119578  
Ion Ratio Lower Upper  
43 100  
74 23.2 18.9 28.3

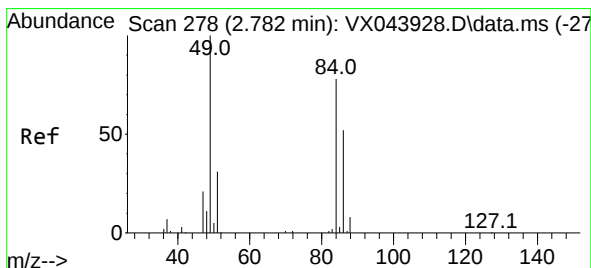
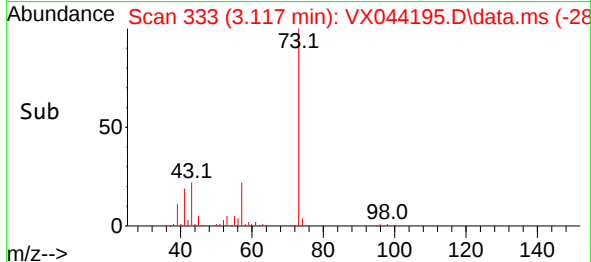
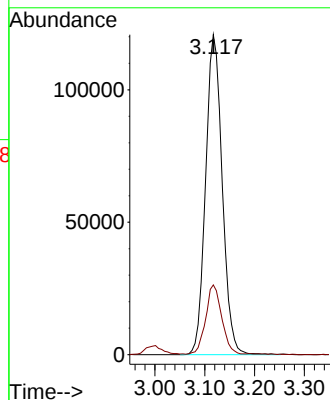
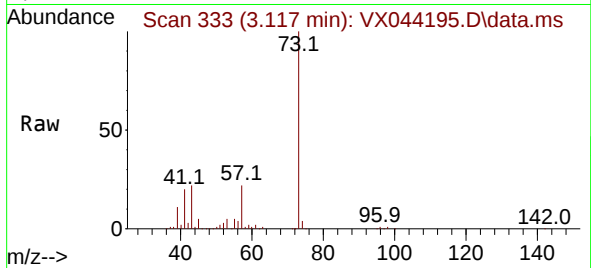




#19  
Methyl tert-butyl Ether  
Concen: 50.926 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

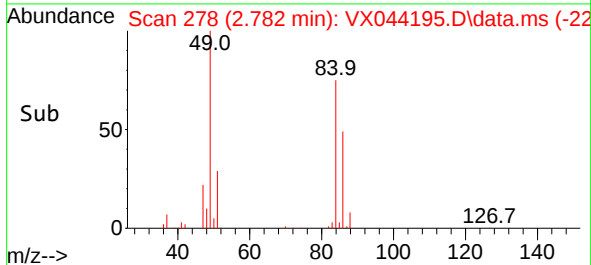
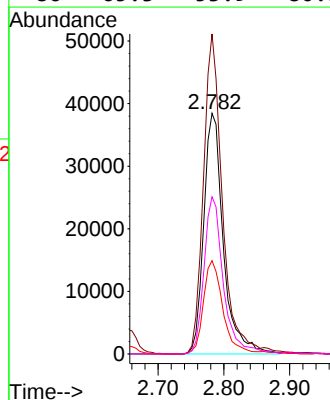
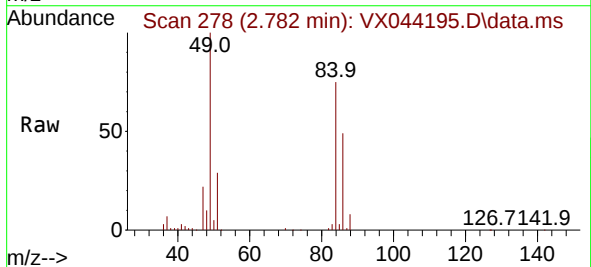
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

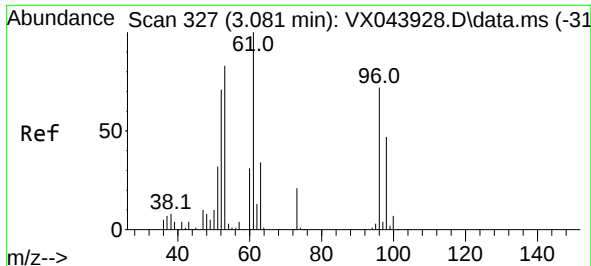
Tgt Ion: 73 Resp: 279759  
Ion Ratio Lower Upper  
73 100  
57 21.7 17.0 25.6



#20  
Methylene Chloride  
Concen: 45.418 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 84 Resp: 79720  
Ion Ratio Lower Upper  
84 100  
49 133.0 102.7 154.1  
51 38.8 31.7 47.5  
86 65.3 53.9 80.9

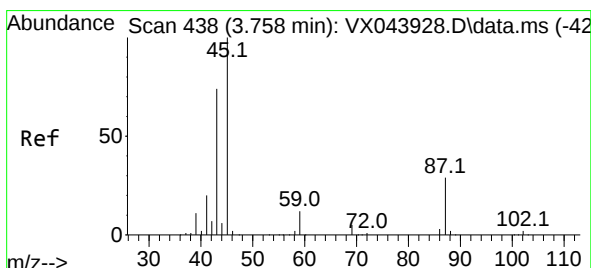
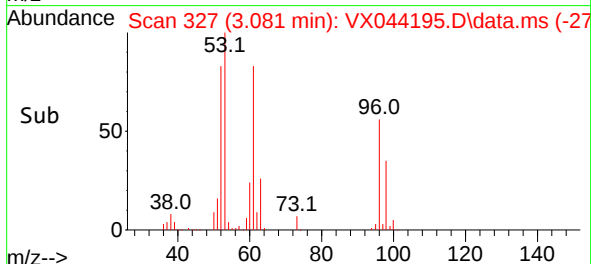
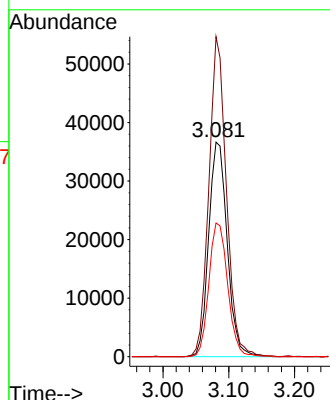
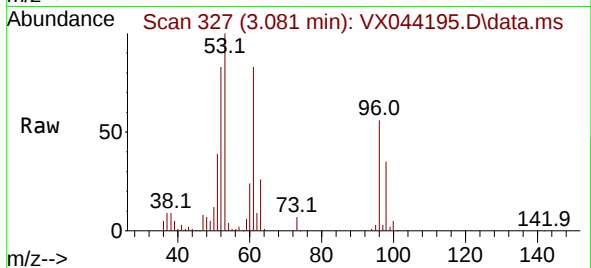




#21  
trans-1,2-Dichloroethene  
Concen: 46.062 ug/l  
RT: 3.081 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

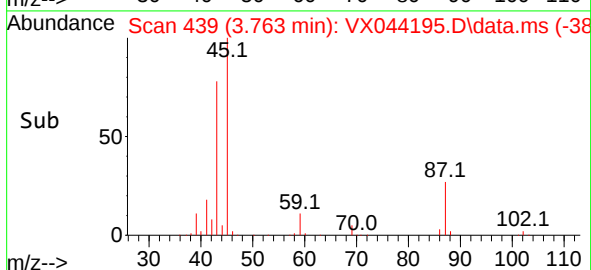
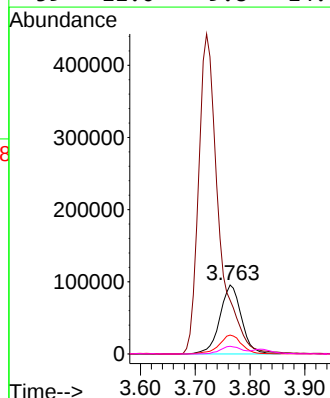
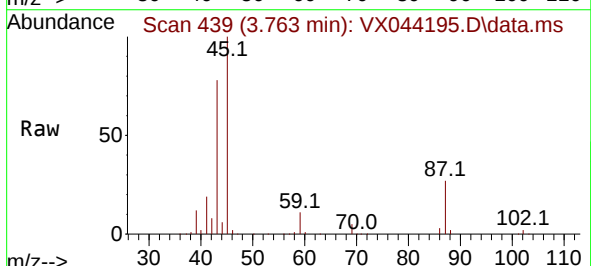
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 96 Resp: 71950  
Ion Ratio Lower Upper  
96 100  
61 149.1 111.8 167.6  
98 62.4 52.7 79.1



#22  
Diisopropyl ether  
Concen: 49.458 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 45 Resp: 261443  
Ion Ratio Lower Upper  
45 100  
43 77.8 59.6 89.4  
87 27.3 22.9 34.3  
59 11.0 9.8 14.6

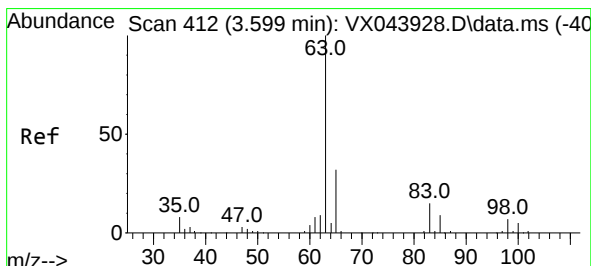
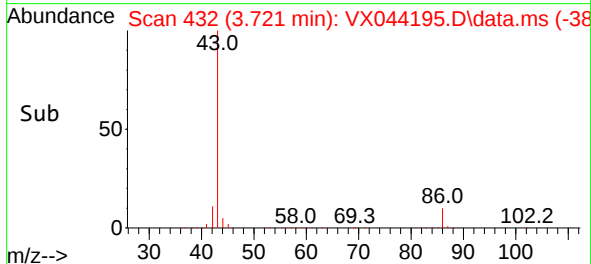
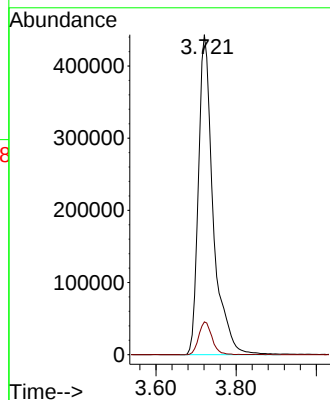
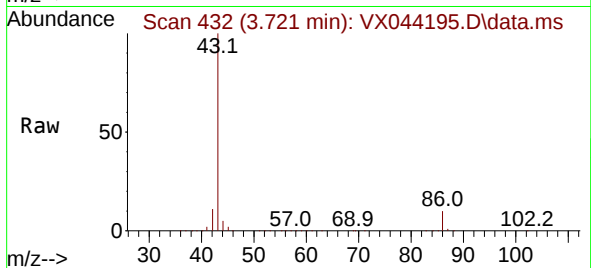




#23  
Vinyl Acetate  
Concen: 250.436 ug/l  
RT: 3.721 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

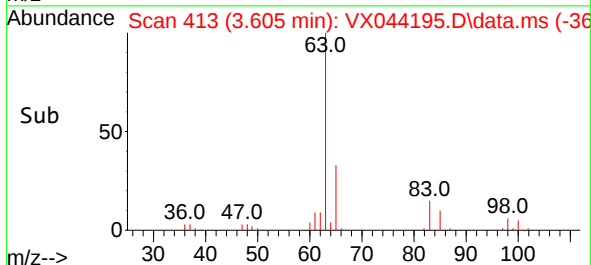
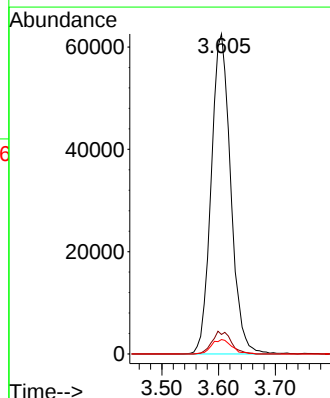
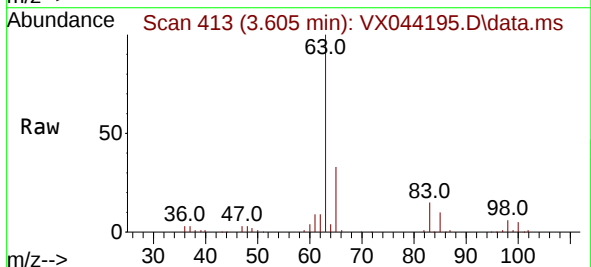
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

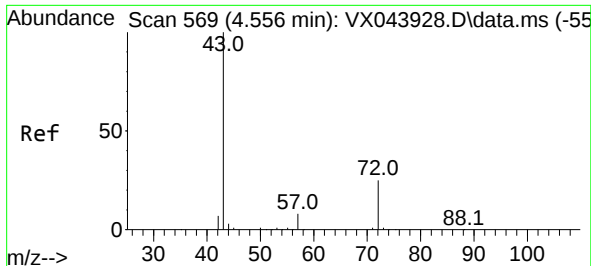
Tgt Ion: 43 Resp: 1132475  
Ion Ratio Lower Upper  
43 100  
86 10.3 8.3 12.5



#24  
1,1-Dichloroethane  
Concen: 48.934 ug/l  
RT: 3.605 min Scan# 413  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 63 Resp: 149227  
Ion Ratio Lower Upper  
63 100  
98 6.1 3.5 10.6  
100 4.5 2.4 7.1

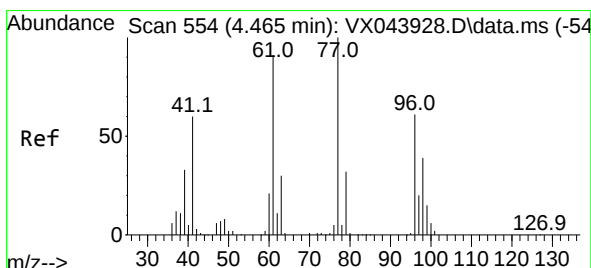
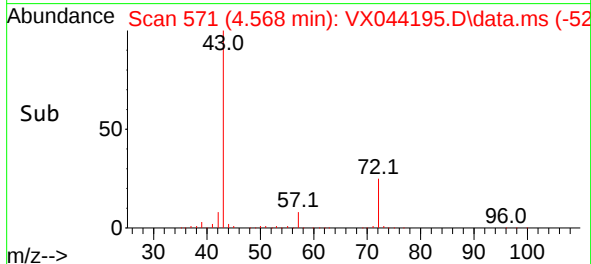
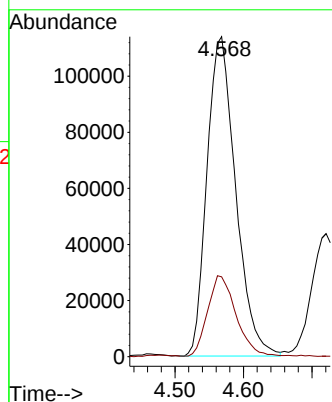
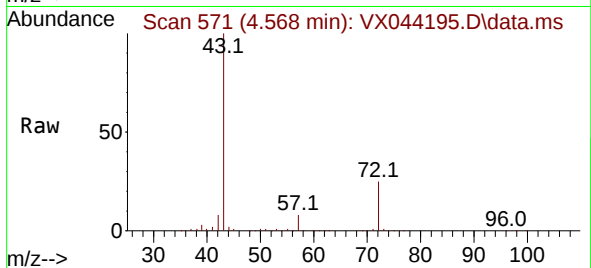




#25  
2-Butanone  
Concen: 248.401 ug/l  
RT: 4.568 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

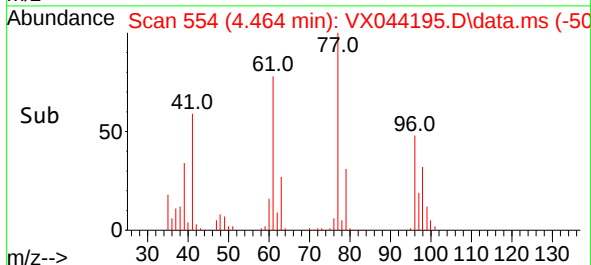
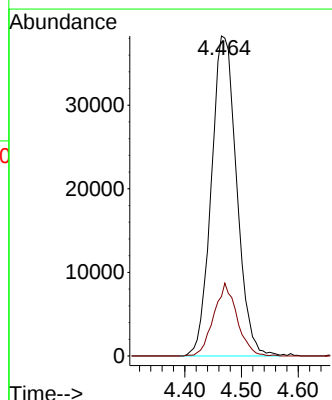
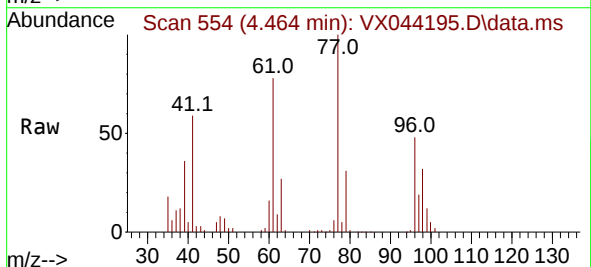
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

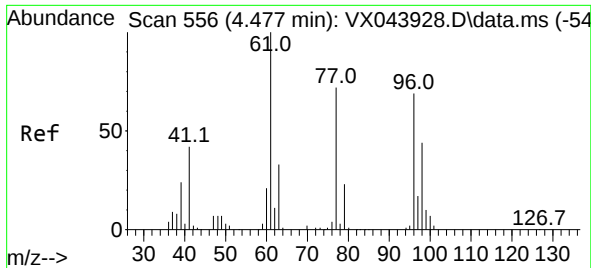
Tgt Ion: 43 Resp: 331515  
Ion Ratio Lower Upper  
43 100  
72 24.8 20.2 30.2



#26  
2,2-Dichloropropane  
Concen: 43.095 ug/l  
RT: 4.464 min Scan# 554  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 77 Resp: 118688  
Ion Ratio Lower Upper  
77 100  
97 20.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 47.328 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

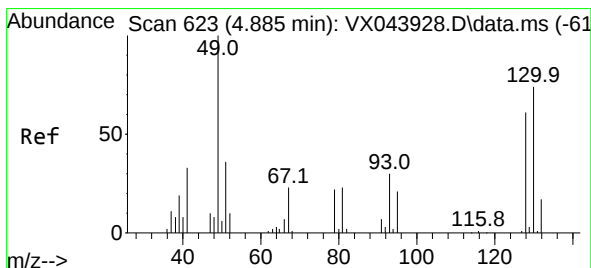
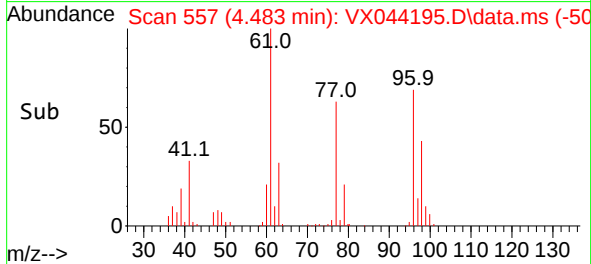
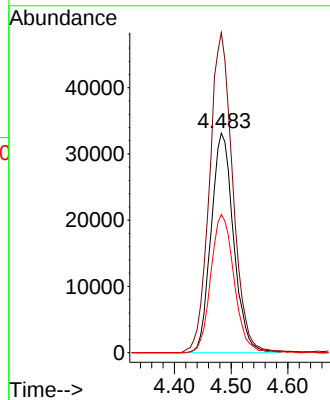
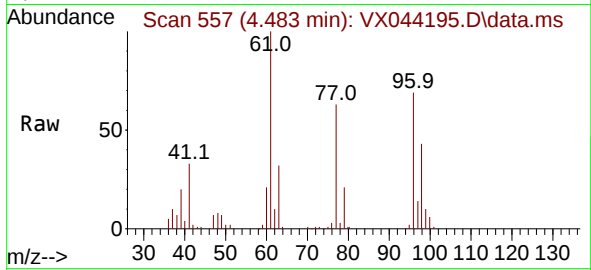
Tgt Ion: 96 Resp: 91381

Ion Ratio Lower Upper

96 100

61 151.2 0.0 297.4

98 65.0 0.0 127.8



#28

Bromochloromethane

Concen: 44.170 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.012 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

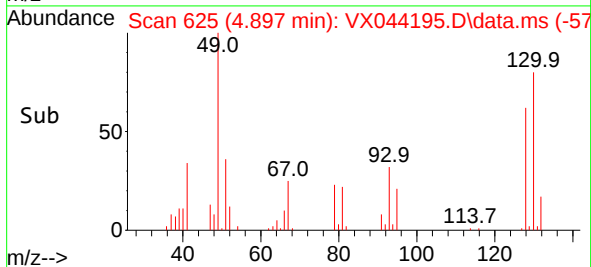
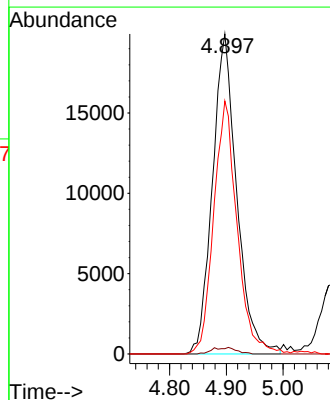
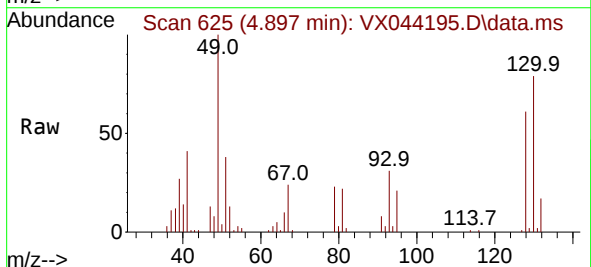
Tgt Ion: 49 Resp: 59291

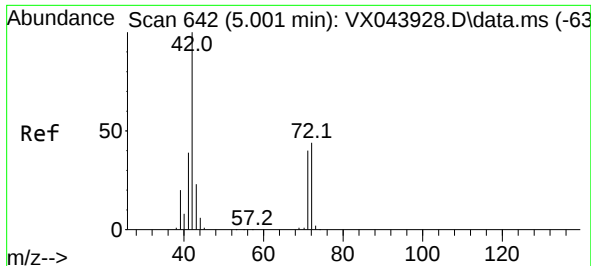
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 76.2 59.0 88.6





#29

Tetrahydrofuran

Concen: 259.914 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

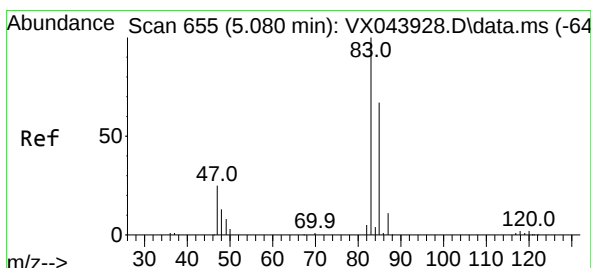
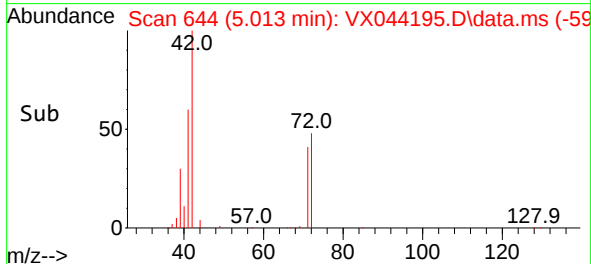
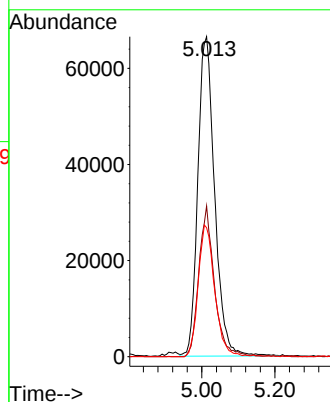
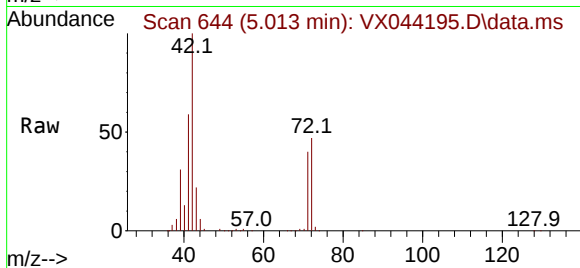
Tgt Ion: 42 Resp: 212659

Ion Ratio Lower Upper

42 100

72 43.5 36.4 54.6

71 40.5 33.4 50.0



#30

Chloroform

Concen: 50.011 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.012 min

Lab File: VX044195.D

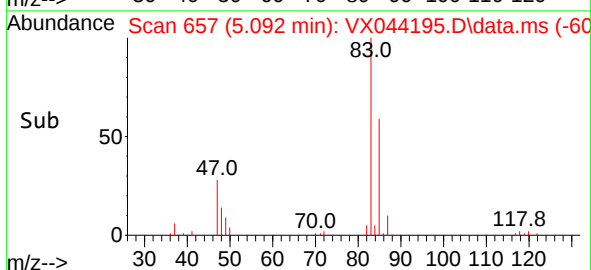
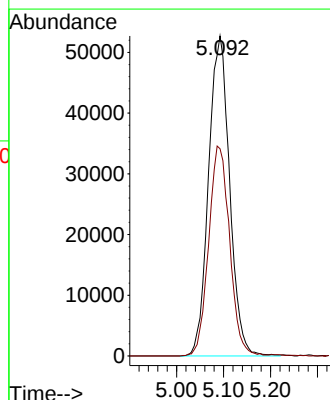
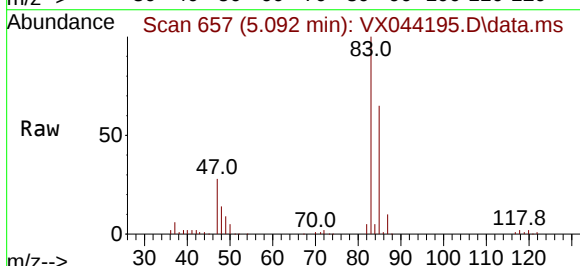
Acq: 09 Dec 2024 18:00

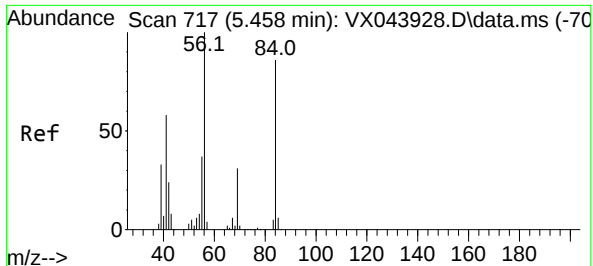
Tgt Ion: 83 Resp: 164031

Ion Ratio Lower Upper

83 100

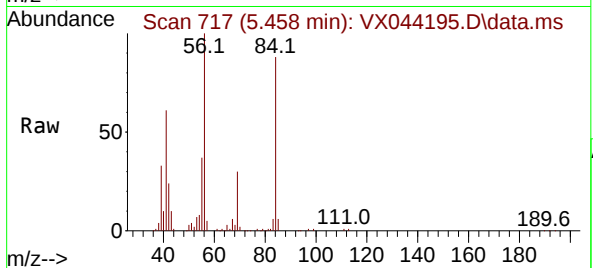
85 64.8 53.5 80.3



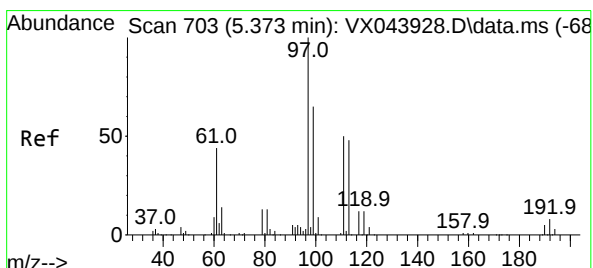
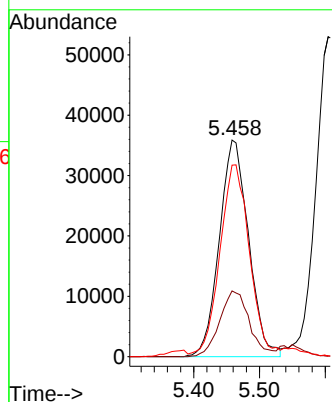
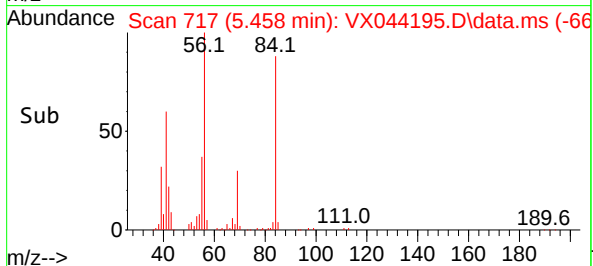


#31  
Cyclohexane  
Concen: 44.246 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

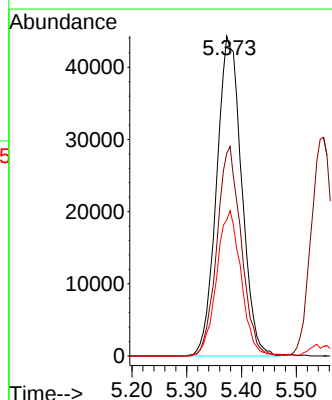
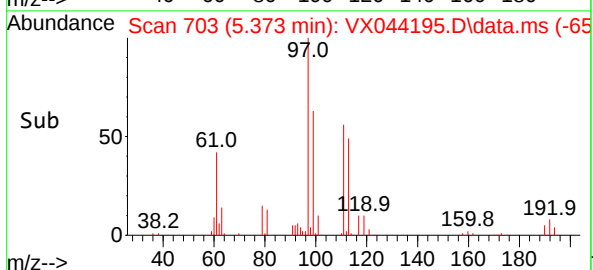
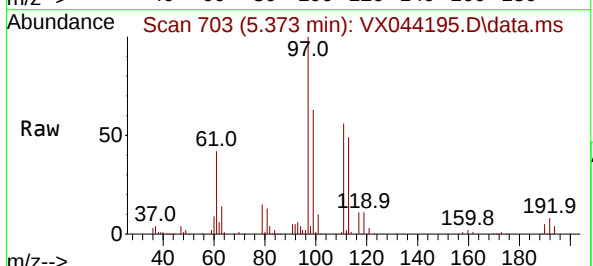


Tgt Ion: 56 Resp: 111053  
Ion Ratio Lower Upper  
56 100  
69 30.4 24.7 37.1  
84 85.6 68.7 103.1



#32  
1,1,1-Trichloroethane  
Concen: 49.647 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 97 Resp: 140424  
Ion Ratio Lower Upper  
97 100  
99 63.2 50.8 76.2  
61 44.7 35.4 53.2





#33

1,2-Dichloroethane-d4

Concen: 46.681 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

Instrument :

MSVOA\_X

ClientSampleId :

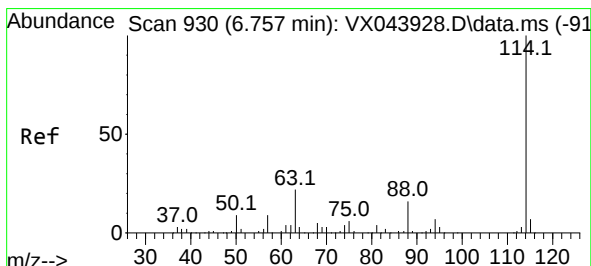
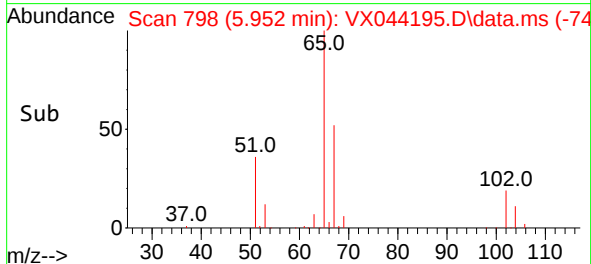
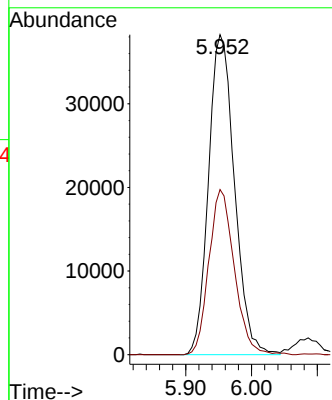
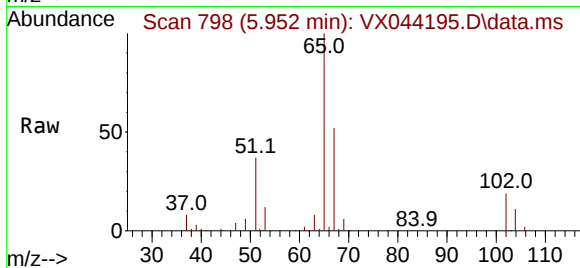
VSTDCCC050EC

Tgt Ion: 65 Resp: 105126

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

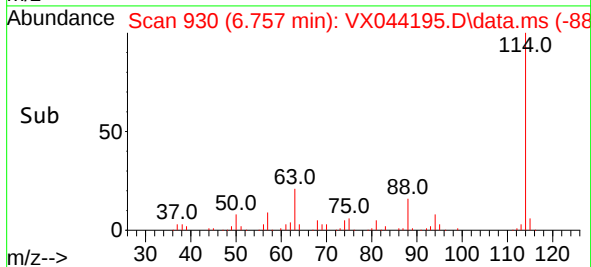
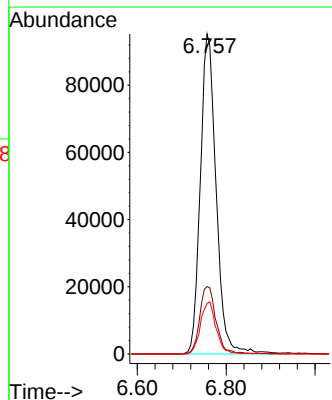
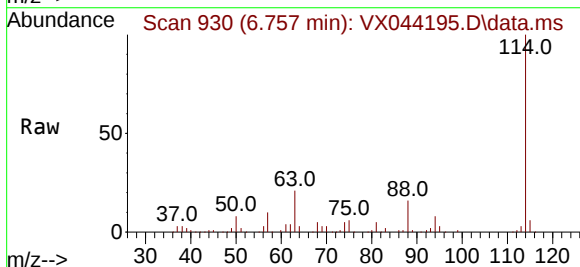
Tgt Ion: 114 Resp: 235785

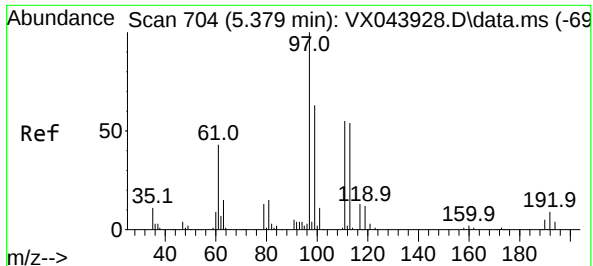
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.0

88 15.8 0.0 32.4

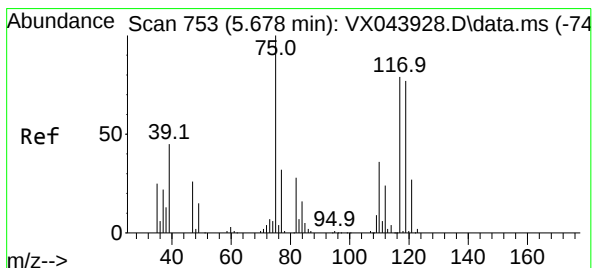
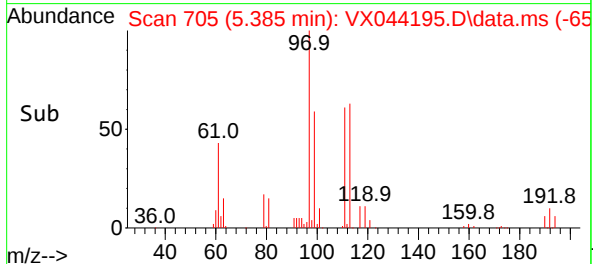
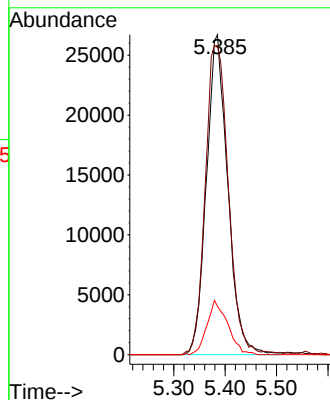
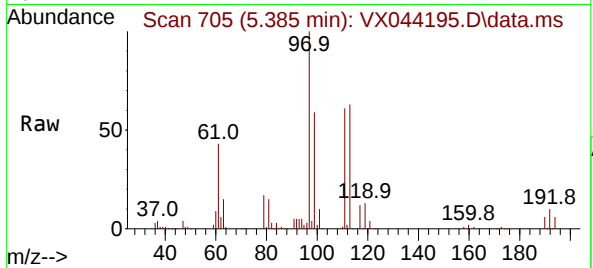




#35  
Dibromofluoromethane  
Concen: 45.723 ug/l  
RT: 5.385 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

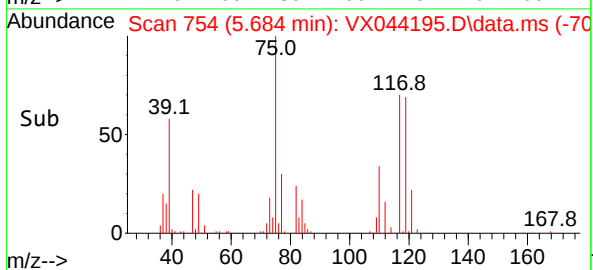
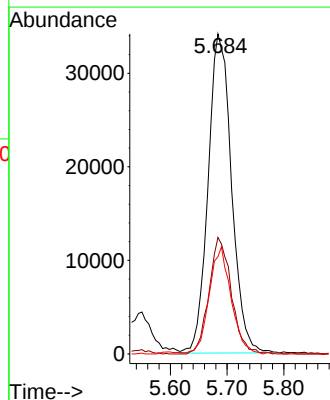
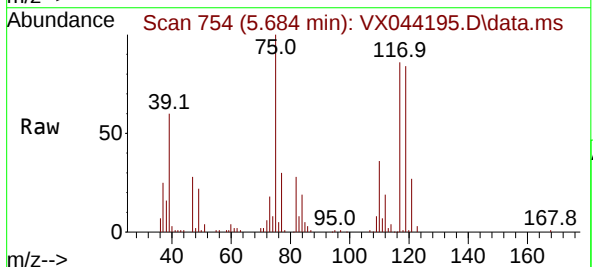
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

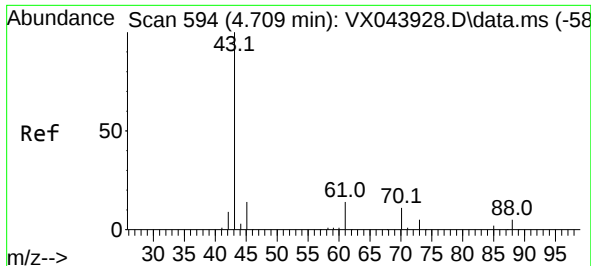
Tgt Ion:113 Resp: 77035  
Ion Ratio Lower Upper  
113 100  
111 104.1 81.0 121.4  
192 16.6 13.0 19.6



#36  
1,1-Dichloropropene  
Concen: 46.667 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 75 Resp: 97977  
Ion Ratio Lower Upper  
75 100  
110 34.8 17.4 52.2  
77 31.2 25.8 38.8

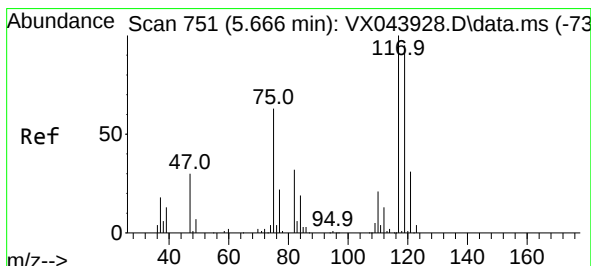
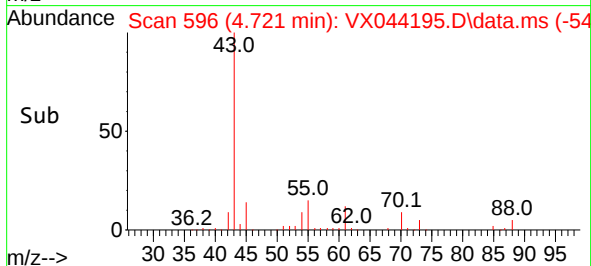
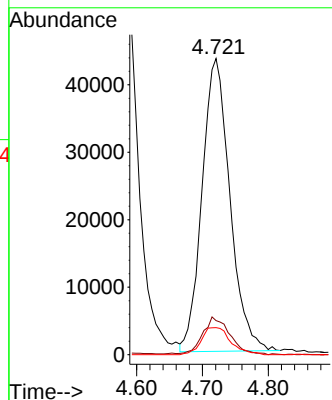
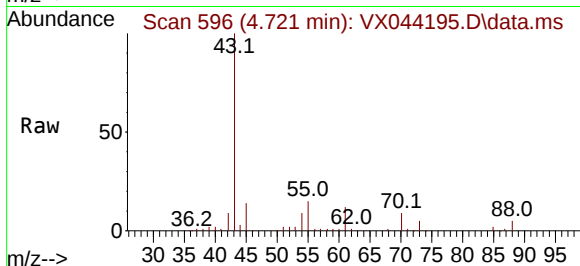




#37  
Ethyl Acetate  
Concen: 49.112 ug/l  
RT: 4.721 min Scan# 594  
Delta R.T. 0.012 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

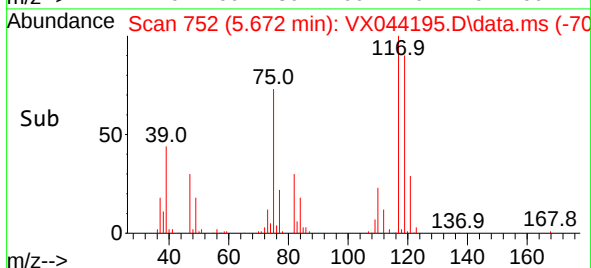
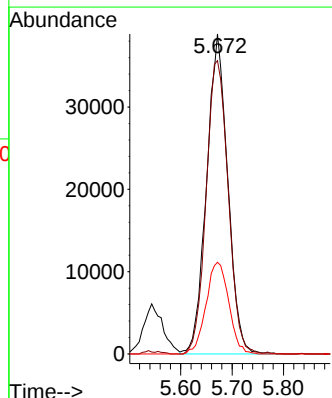
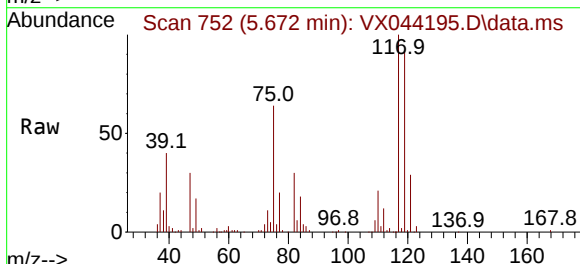
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

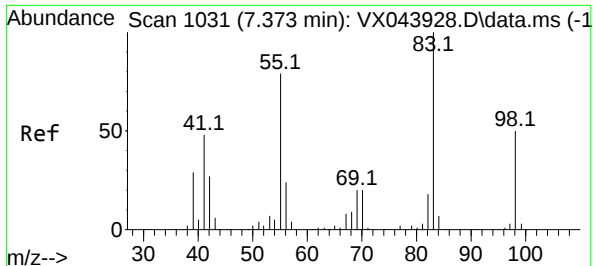
Tgt Ion: 43 Resp: 127992  
Ion Ratio Lower Upper  
43 100  
61 12.6 10.7 16.1  
70 9.7 8.0 12.0



#38  
Carbon Tetrachloride  
Concen: 47.113 ug/l  
RT: 5.672 min Scan# 752  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 117 Resp: 111142  
Ion Ratio Lower Upper  
117 100  
119 91.7 75.2 112.8  
121 28.7 24.5 36.7

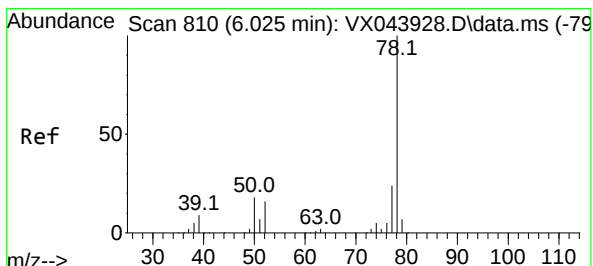
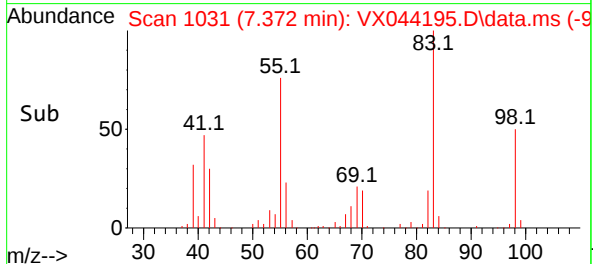
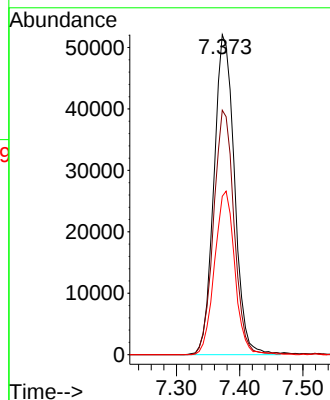
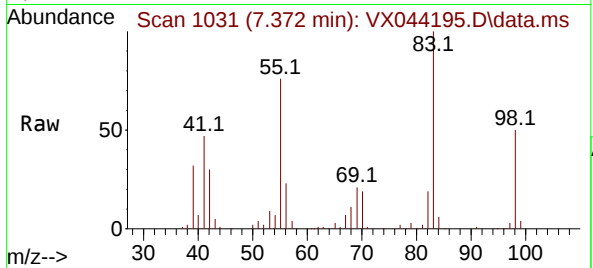




#39  
Methylcyclohexane  
Concen: 43.022 ug/l  
RT: 7.372 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

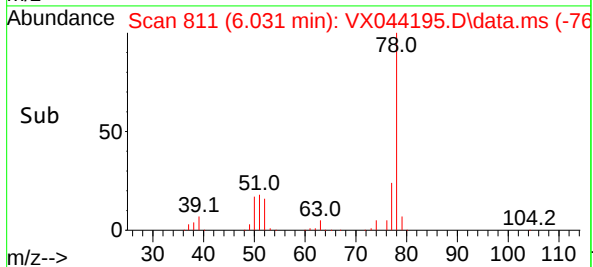
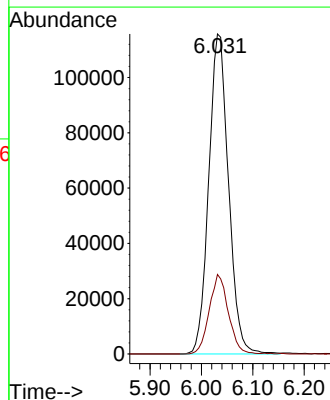
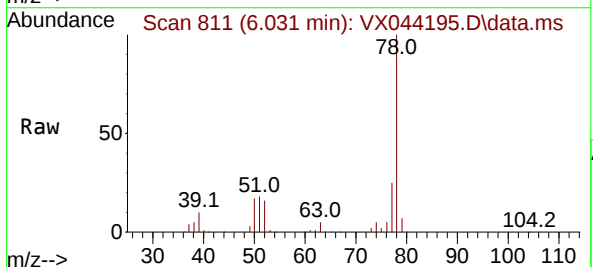
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

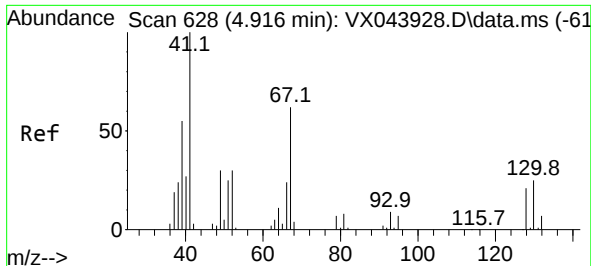
Tgt Ion: 83 Resp: 117340  
Ion Ratio Lower Upper  
83 100  
55 76.4 63.1 94.7  
98 49.5 40.0 60.0



#40  
Benzene  
Concen: 47.218 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 78 Resp: 308789  
Ion Ratio Lower Upper  
78 100  
77 24.9 19.2 28.8

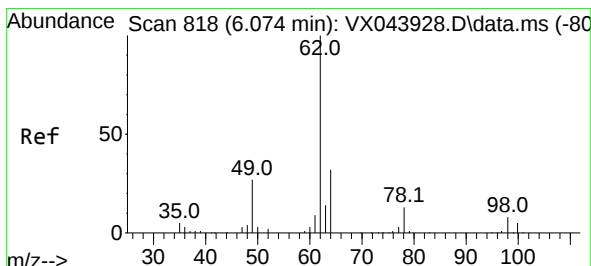
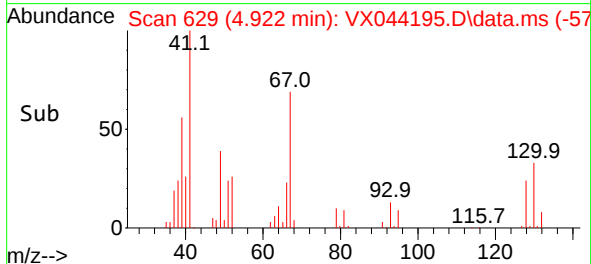
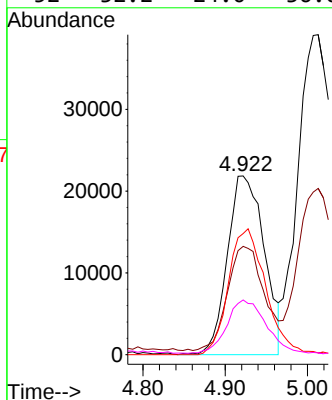
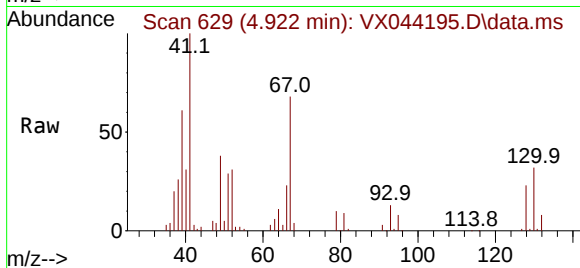




#41  
Methacrylonitrile  
Concen: 51.129 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

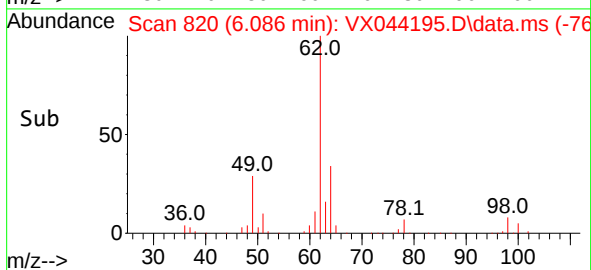
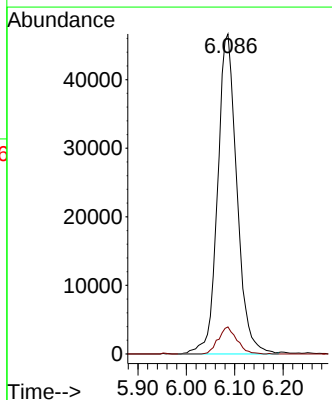
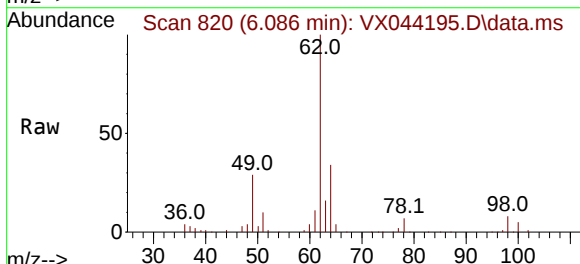
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

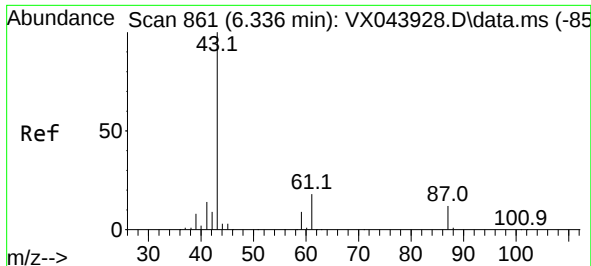
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 68199 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.4  | 41.7  | 62.5  |
| 67       | 71.7  | 55.8  | 83.8  |
| 52       | 32.2  | 24.0  | 36.0  |



#42  
1,2-Dichloroethane  
Concen: 49.190 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.012 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 129196 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.1   | 0.0   | 16.4   |

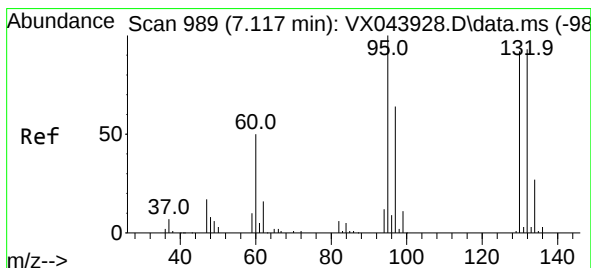
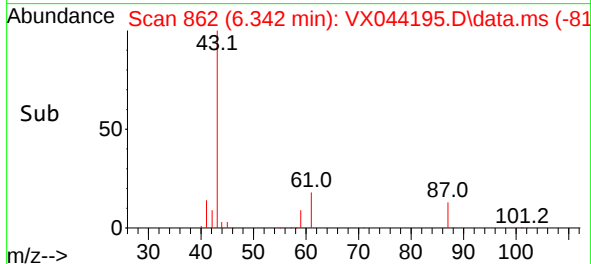
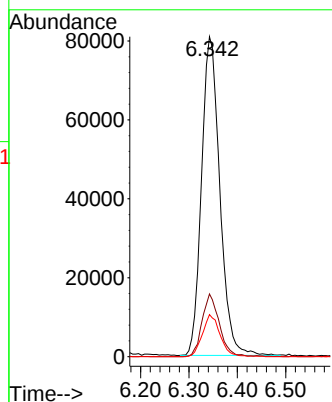
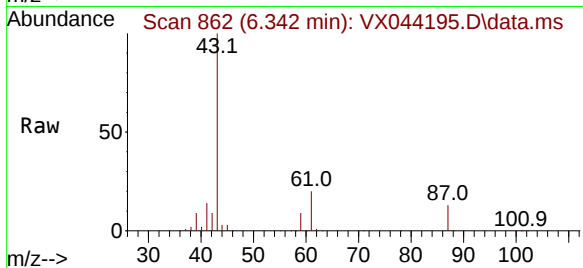




#43  
Isopropyl Acetate  
Concen: 51.255 ug/l  
RT: 6.342 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

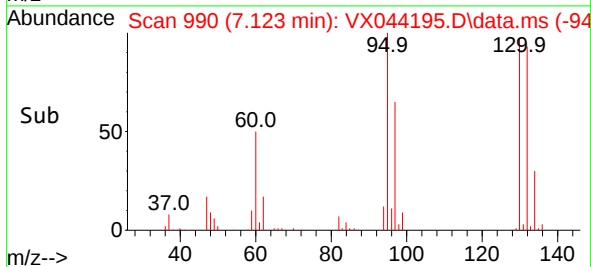
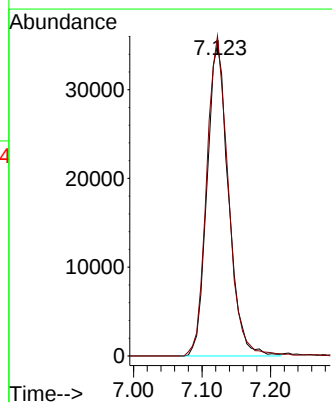
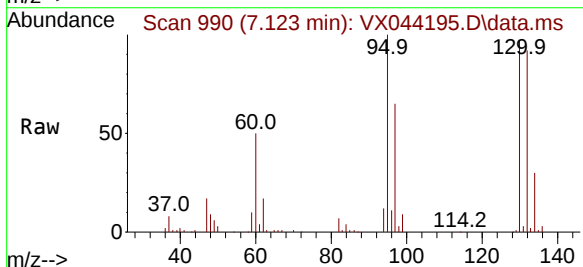
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

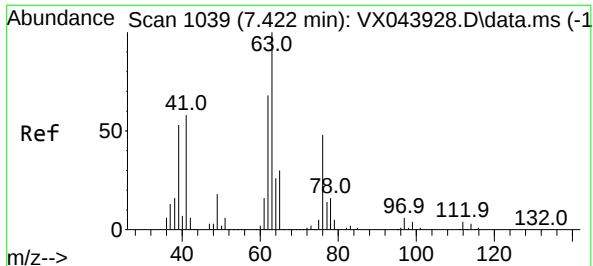
Tgt Ion: 43 Resp: 212581  
Ion Ratio Lower Upper  
43 100  
61 18.5 14.5 21.7  
87 12.7 10.2 15.2



#44  
Trichloroethene  
Concen: 41.377 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion:130 Resp: 76601  
Ion Ratio Lower Upper  
130 100  
95 102.8 0.0 217.8





#45

1,2-Dichloropropane

Concen: 48.435 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

Instrument :

MSVOA\_X

ClientSampleId :

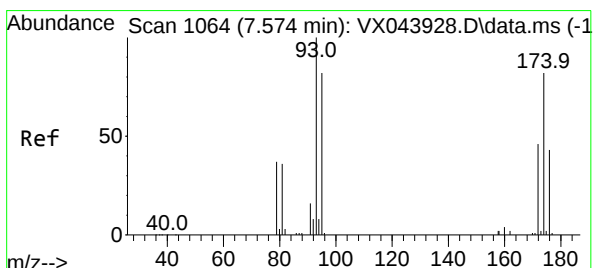
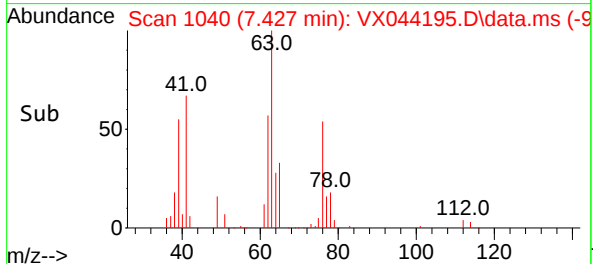
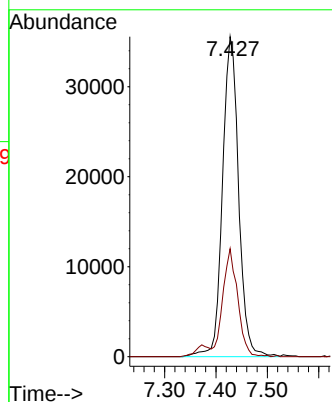
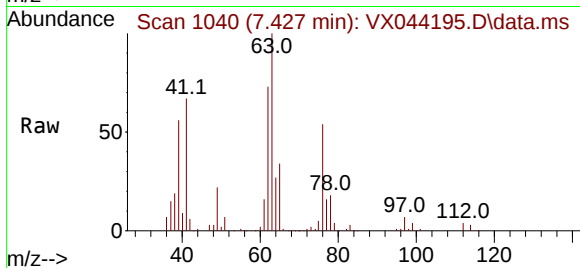
VSTDCCC050EC

Tgt Ion: 63 Resp: 77580

Ion Ratio Lower Upper

63 100

65 33.8 23.8 35.6



#46

Dibromomethane

Concen: 50.484 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

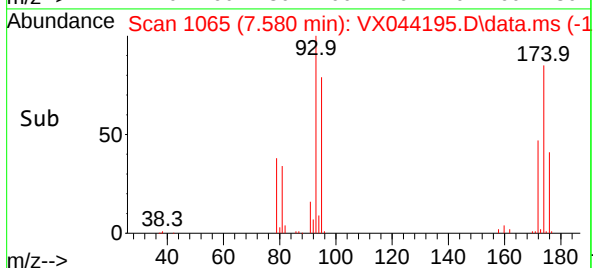
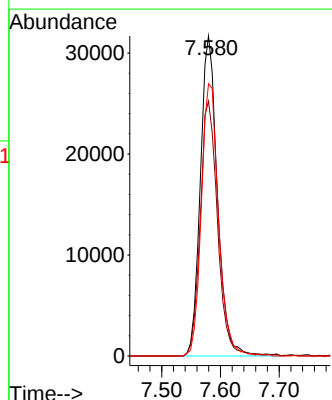
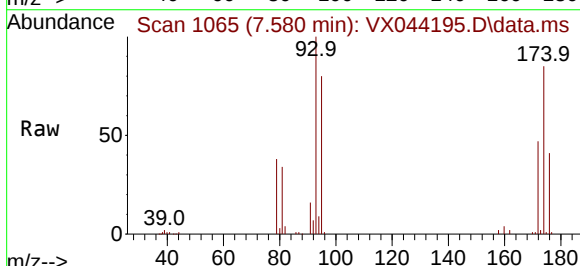
Tgt Ion: 93 Resp: 63965

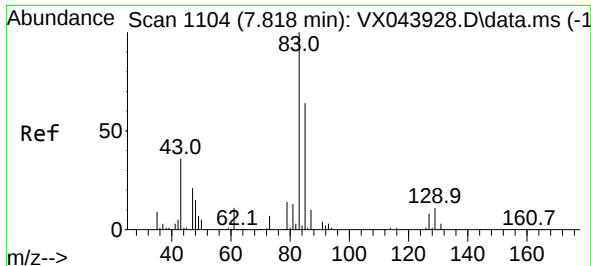
Ion Ratio Lower Upper

93 100

95 80.7 66.2 99.4

174 86.0 69.6 104.4

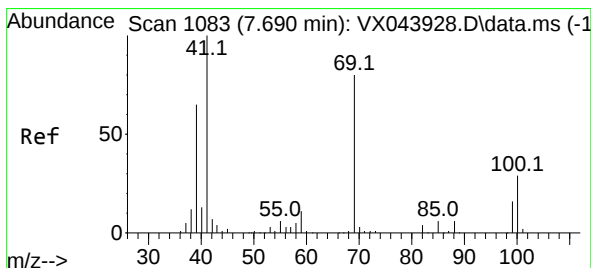
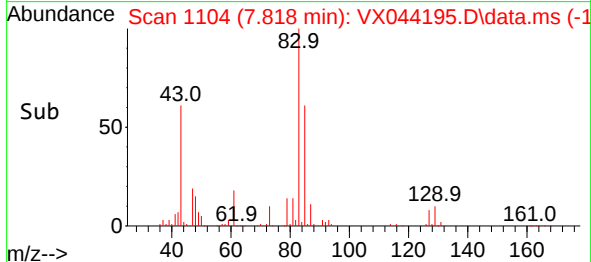
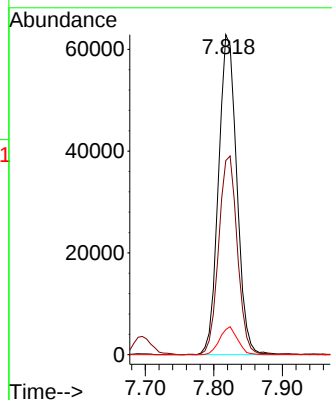
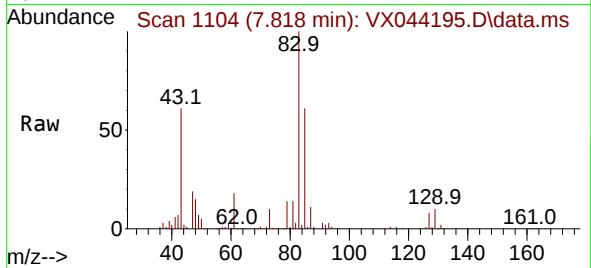




#47  
Bromodichloromethane  
Concen: 51.205 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

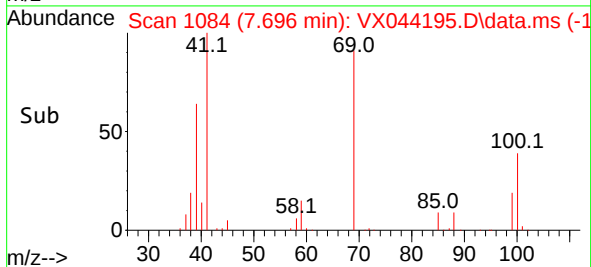
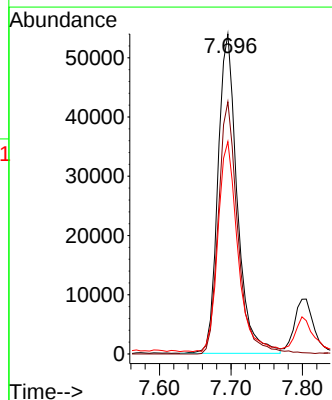
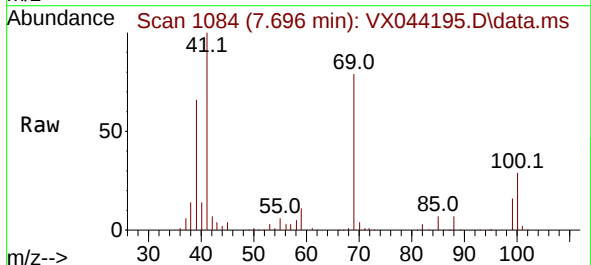
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

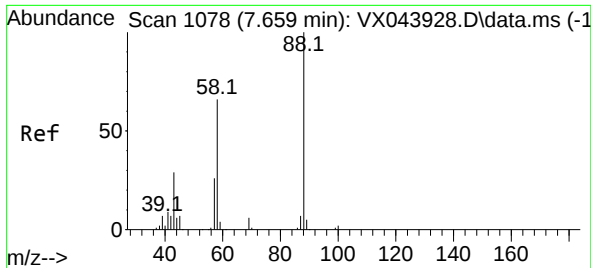
Tgt Ion: 83 Resp: 116358  
Ion Ratio Lower Upper  
83 100  
85 60.6 51.4 77.0  
127 7.8 6.6 10.0



#48  
Methyl methacrylate  
Concen: 50.698 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 41 Resp: 100896  
Ion Ratio Lower Upper  
41 100  
69 80.0 64.6 97.0  
39 67.5 53.3 79.9

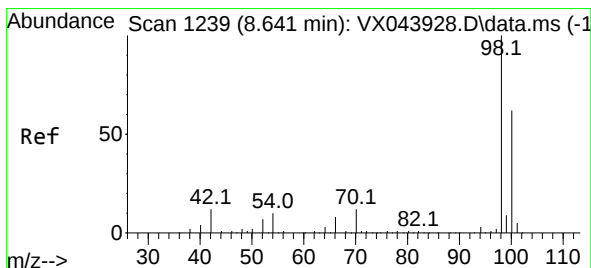
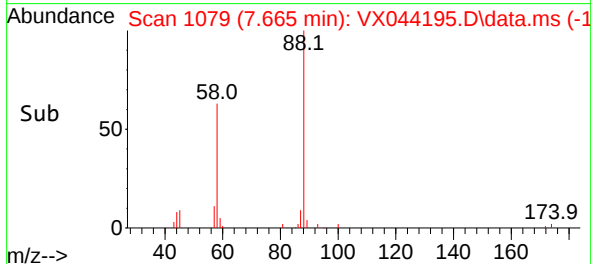
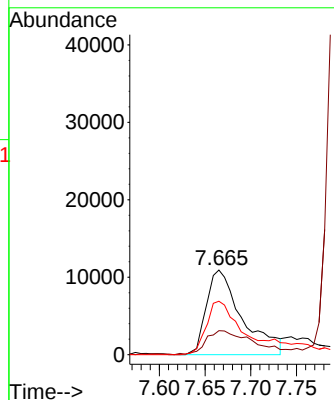
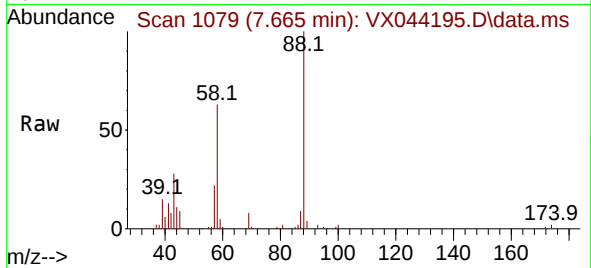




#49  
1,4-Dioxane  
Concen: 839.512 ug/l  
RT: 7.665 min Scan# 1078  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

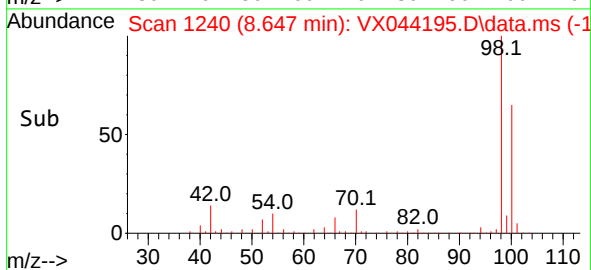
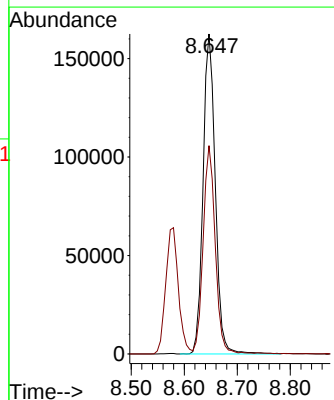
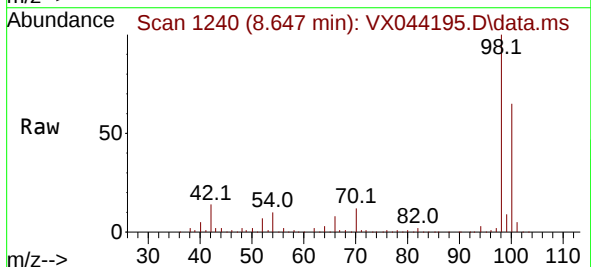
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 88 Resp: 29761  
Ion Ratio Lower Upper  
88 100  
43 38.1 26.8 40.2  
58 76.2 45.4 68.2#



#50  
Toluene-d8  
Concen: 44.830 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 98 Resp: 260361  
Ion Ratio Lower Upper  
98 100  
100 63.7 52.6 79.0

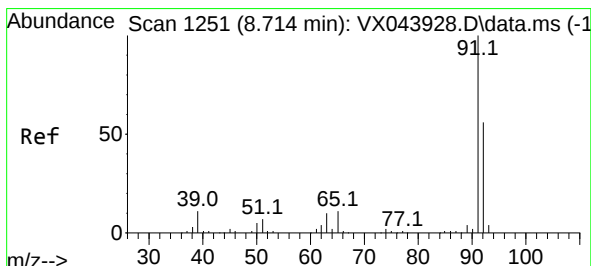
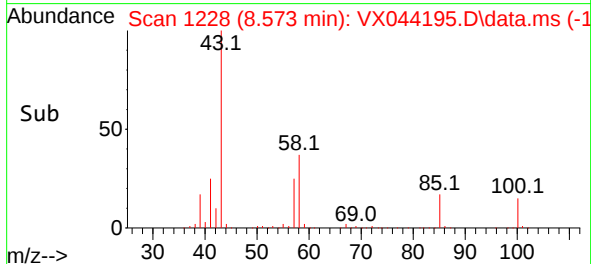
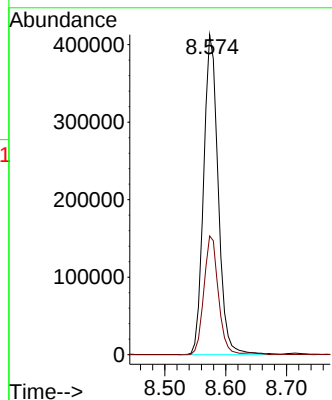
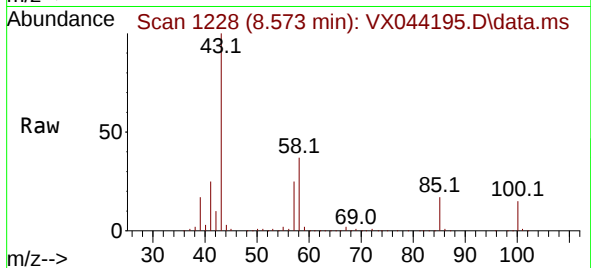




#51  
4-Methyl-2-Pentanone  
Concen: 270.971 ug/l  
RT: 8.573 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

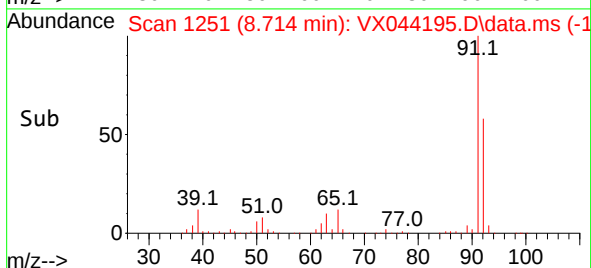
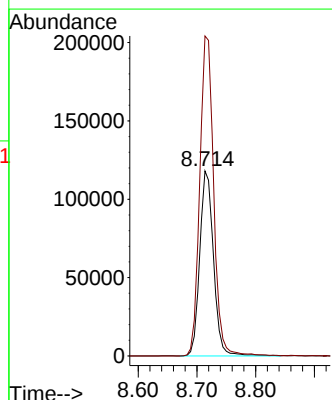
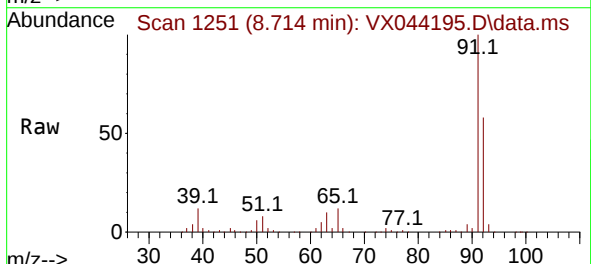
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

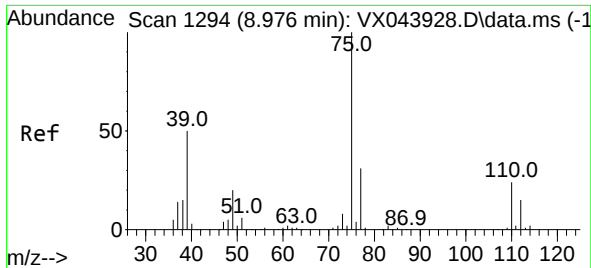
Tgt Ion: 43 Resp: 685832  
Ion Ratio Lower Upper  
43 100  
58 36.8 30.0 45.0



#52  
Toluene  
Concen: 49.168 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 92 Resp: 192454  
Ion Ratio Lower Upper  
92 100  
91 175.2 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 50.850 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

Instrument :

MSVOA\_X

ClientSampleId :

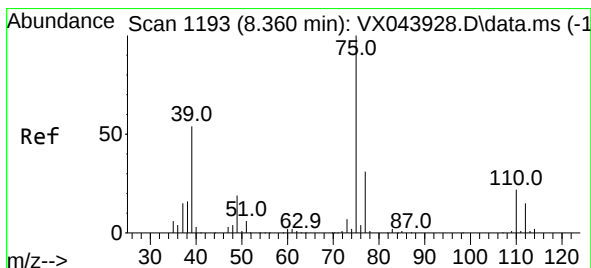
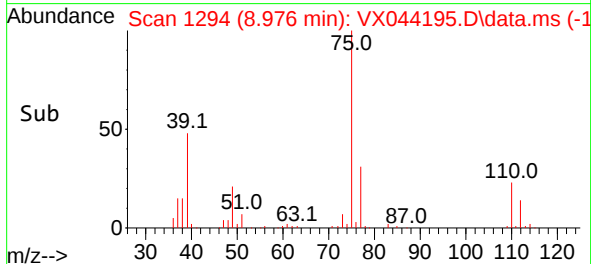
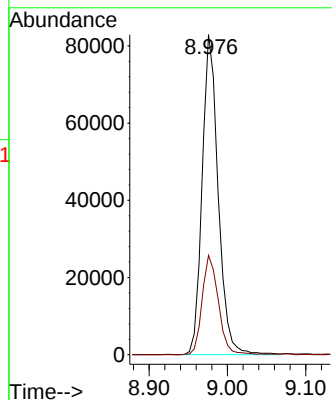
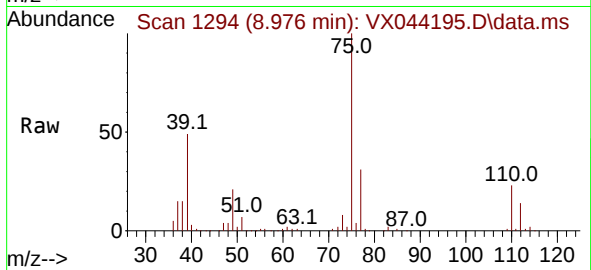
VSTDCCC050EC

Tgt Ion: 75 Resp: 117834

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 48.710 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

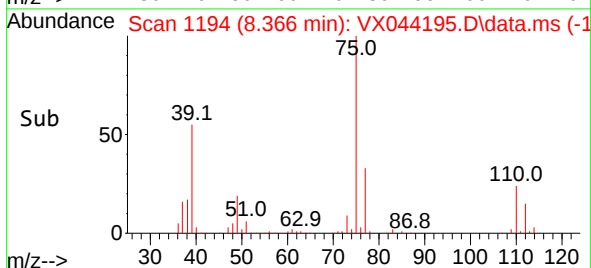
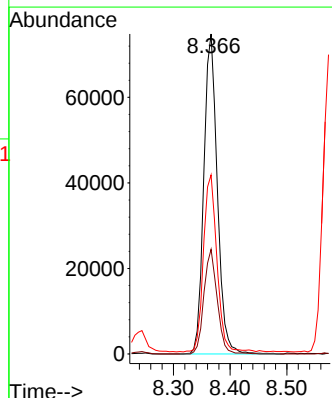
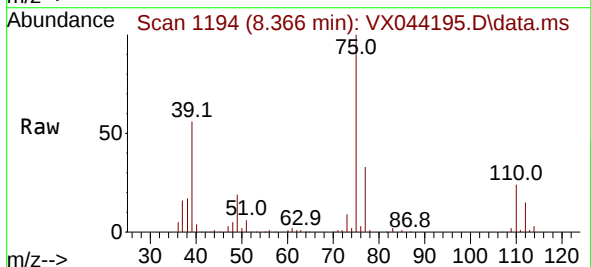
Tgt Ion: 75 Resp: 123739

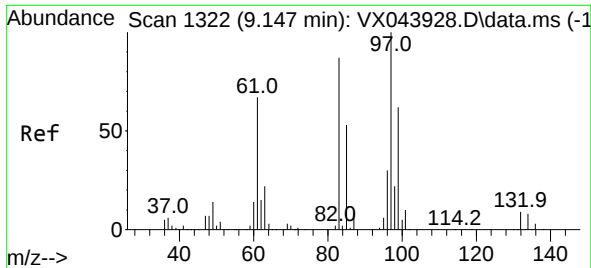
Ion Ratio Lower Upper

75 100

77 32.7 25.2 37.8

39 55.2 43.1 64.7

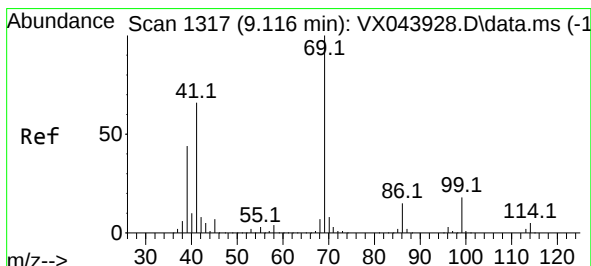
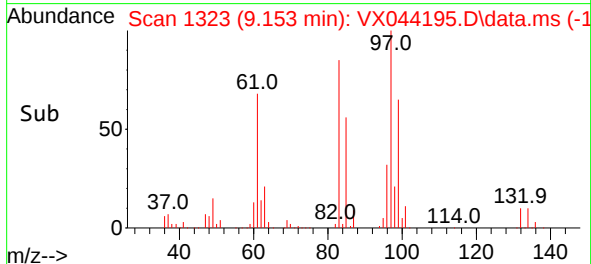
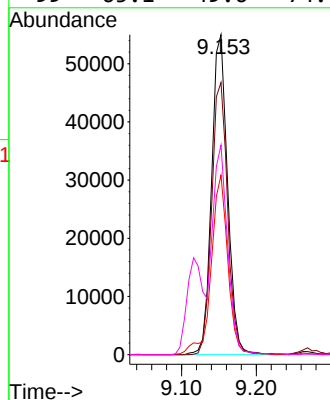
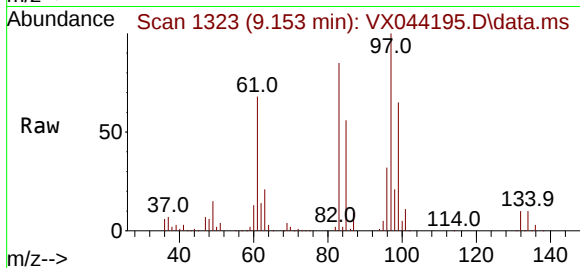




#55  
1,1,2-Trichloroethane  
Concen: 50.724 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

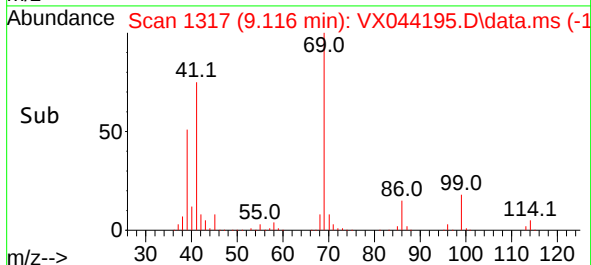
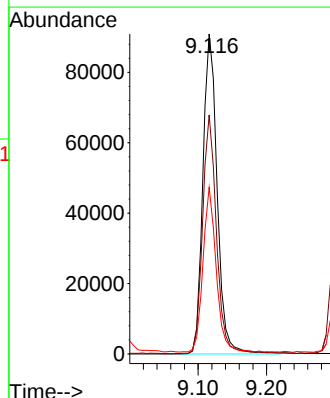
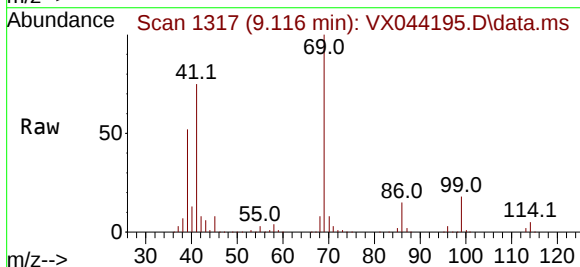
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

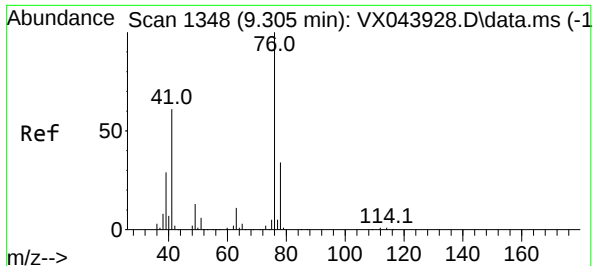
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 81959 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.0  | 69.4  | 104.0 |
| 85       | 56.0  | 42.3  | 63.5  |
| 99       | 65.1  | 49.6  | 74.4  |



#56  
Ethyl methacrylate  
Concen: 52.529 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 132200 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 72.7  | 55.8  | 83.8   |
| 39       | 47.8  | 36.7  | 55.1   |





#57

1,3-Dichloropropane

Concen: 50.900 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

Instrument :

MSVOA\_X

ClientSampleId :

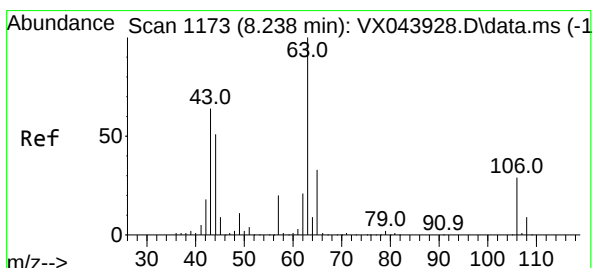
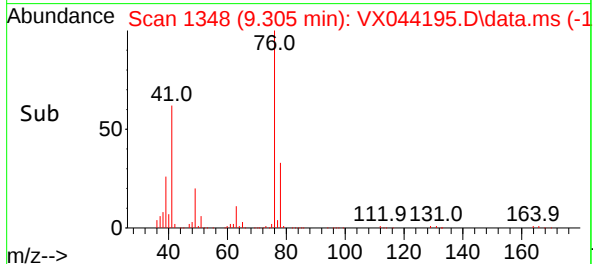
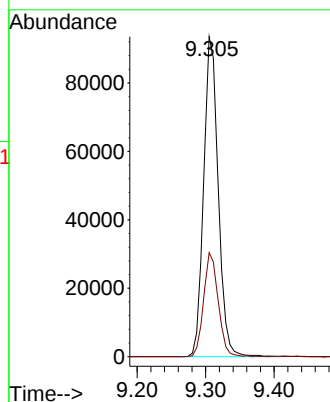
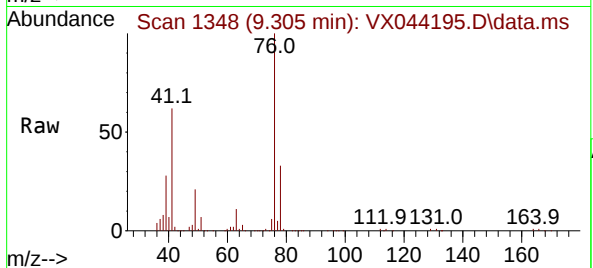
VSTDCCC050EC

Tgt Ion: 76 Resp: 138542

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 238.340 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX044195.D

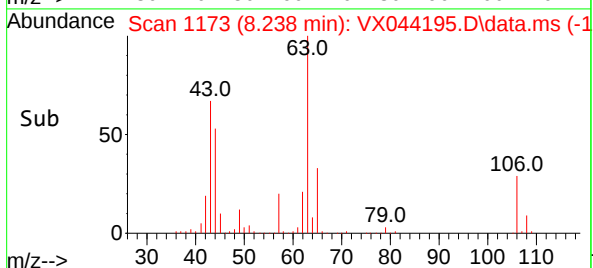
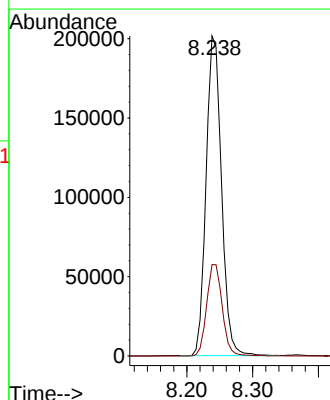
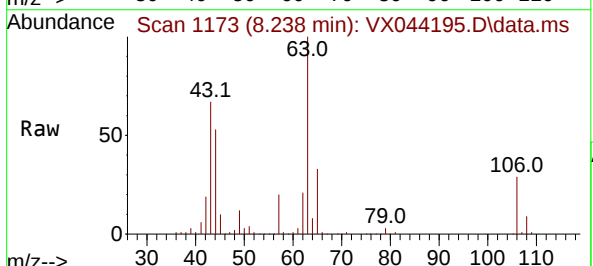
Acq: 09 Dec 2024 18:00

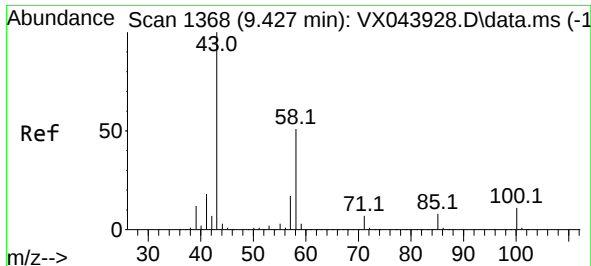
Tgt Ion: 63 Resp: 328935

Ion Ratio Lower Upper

63 100

106 28.9 23.0 34.6





#59

2-Hexanone

Concen: 270.331 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

Instrument :

MSVOA\_X

ClientSampleId :

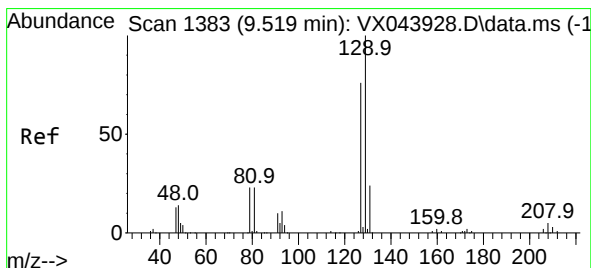
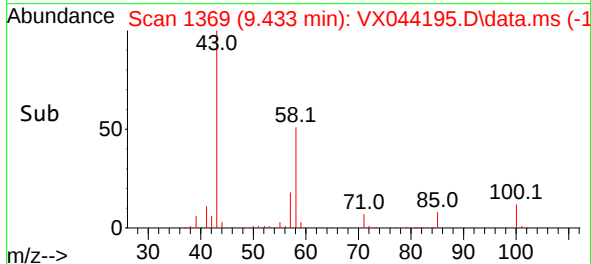
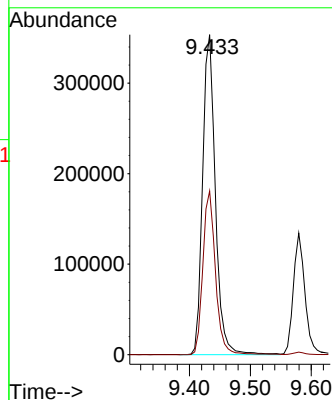
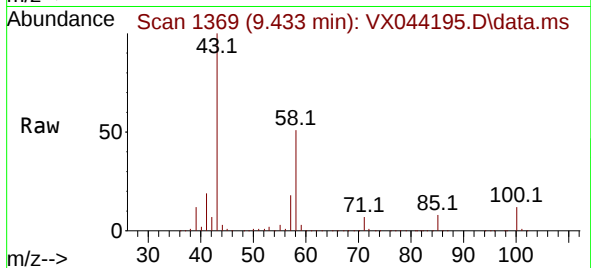
VSTDCCC050EC

Tgt Ion: 43 Resp: 514271

Ion Ratio Lower Upper

43 100

58 50.7 25.9 77.6



#60

Dibromochloromethane

Concen: 50.698 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX044195.D

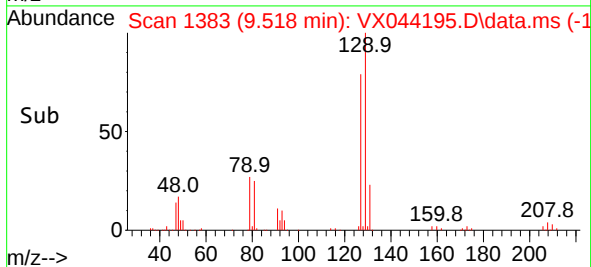
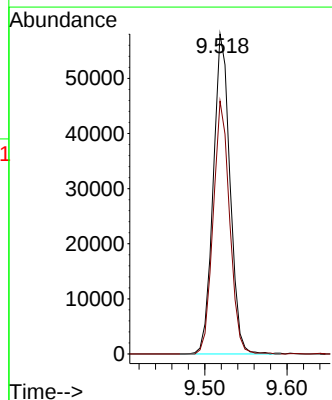
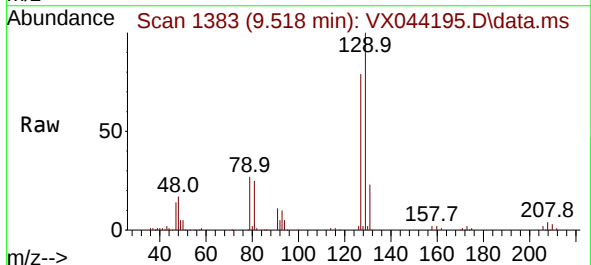
Acq: 09 Dec 2024 18:00

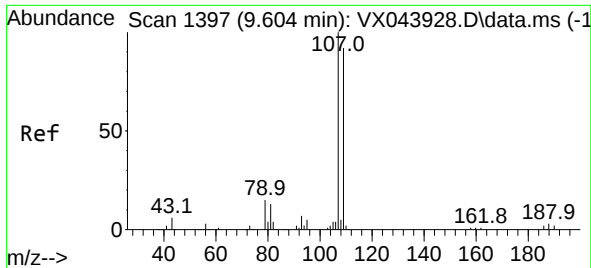
Tgt Ion: 129 Resp: 82189

Ion Ratio Lower Upper

129 100

127 77.6 38.2 114.6

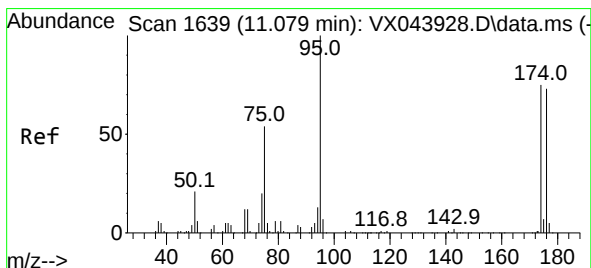
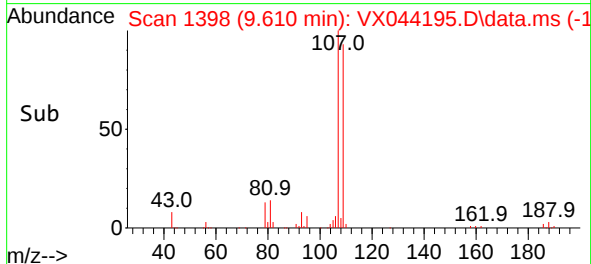
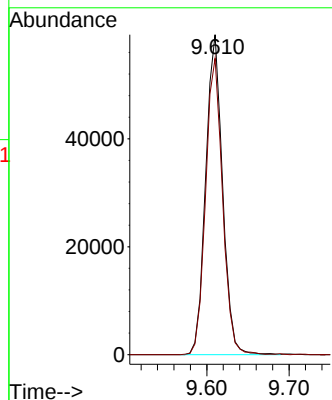
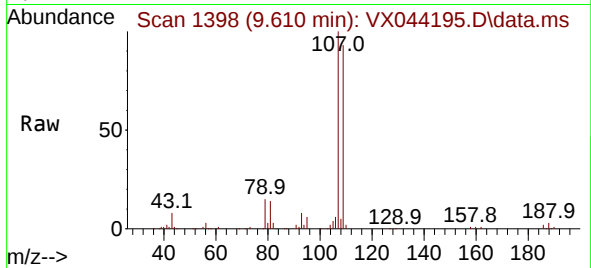




#61  
1,2-Dibromoethane  
Concen: 51.728 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

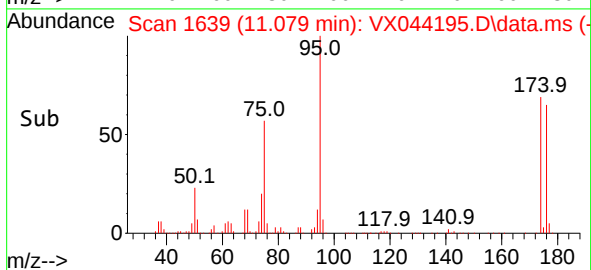
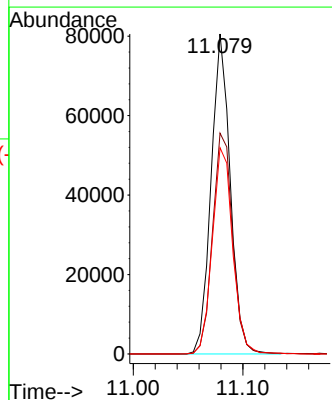
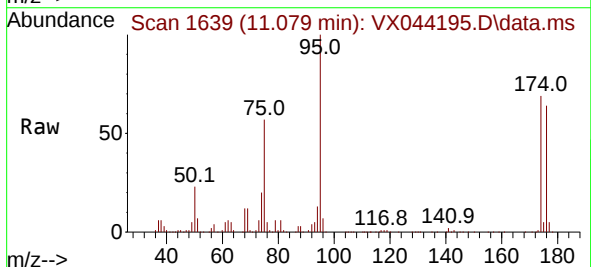
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

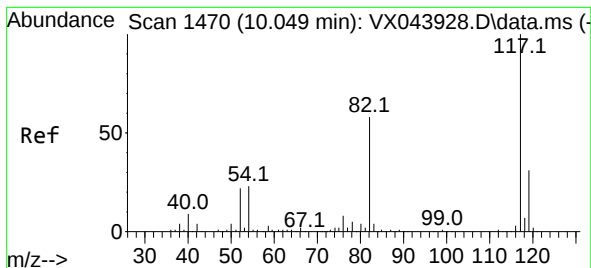
Tgt Ion:107 Resp: 84512  
Ion Ratio Lower Upper  
107 100  
109 92.9 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 49.426 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 95 Resp: 97692  
Ion Ratio Lower Upper  
95 100  
174 72.6 0.0 150.4  
176 68.6 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

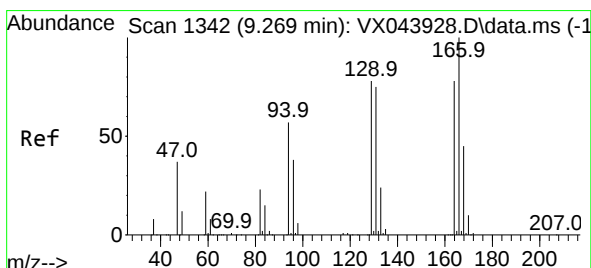
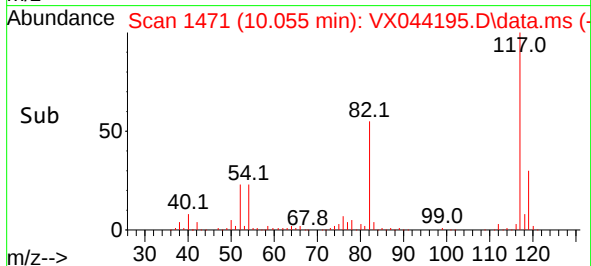
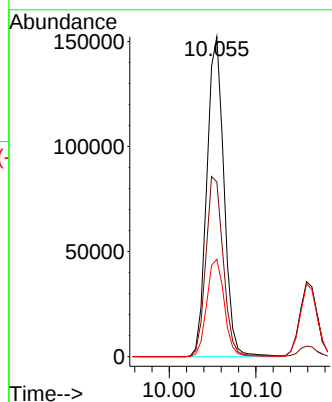
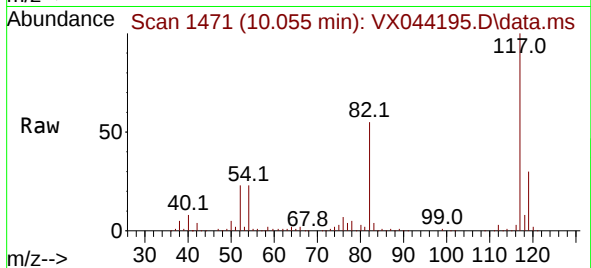
Tgt Ion:117 Resp: 208853

Ion Ratio Lower Upper

117 100

82 54.6 46.4 69.6

119 30.5 24.6 37.0



#64

Tetrachloroethene

Concen: 46.478 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

Tgt Ion:164 Resp: 64007

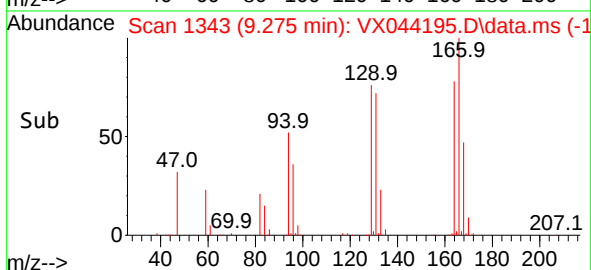
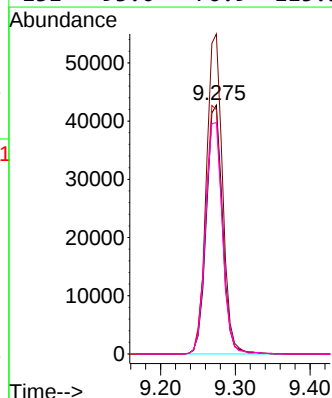
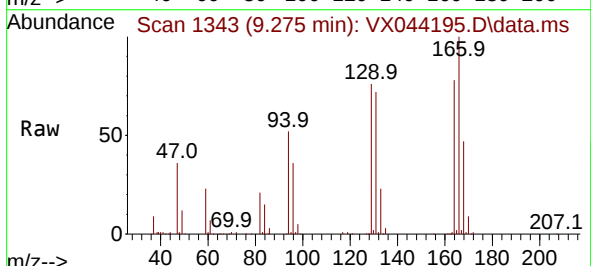
Ion Ratio Lower Upper

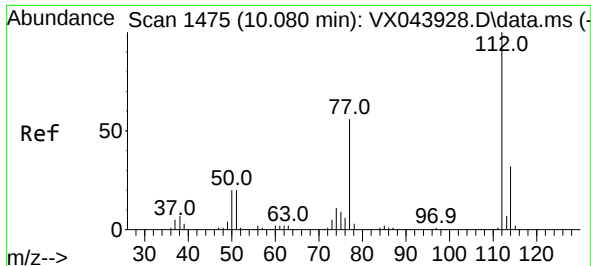
164 100

166 128.6 102.1 153.1

129 98.2 79.6 119.4

131 93.0 76.9 115.3

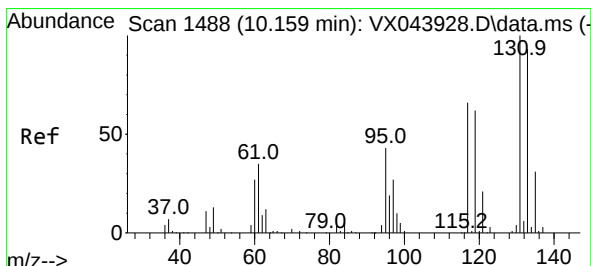
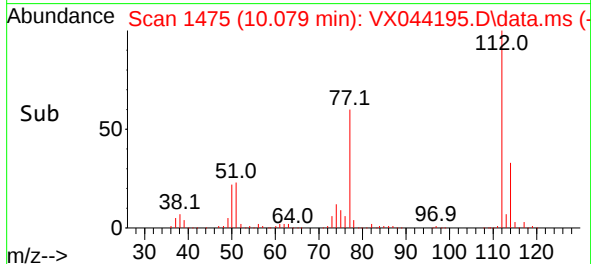
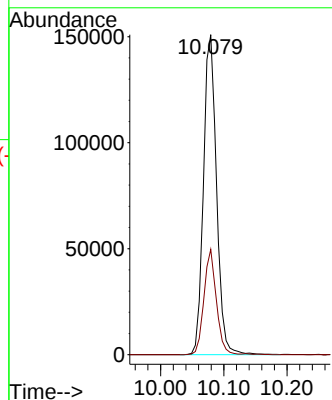
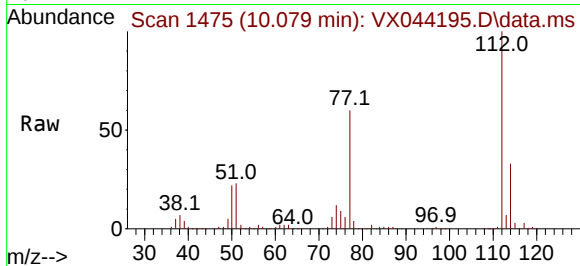




#65  
Chlorobenzene  
Concen: 47.426 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

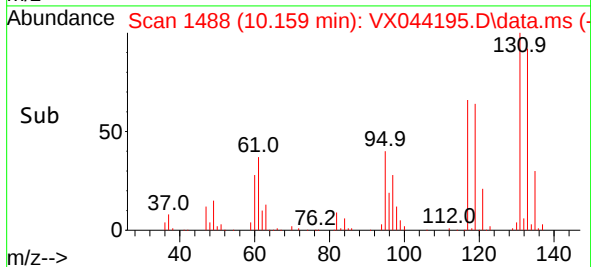
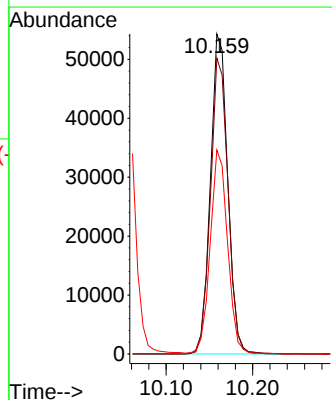
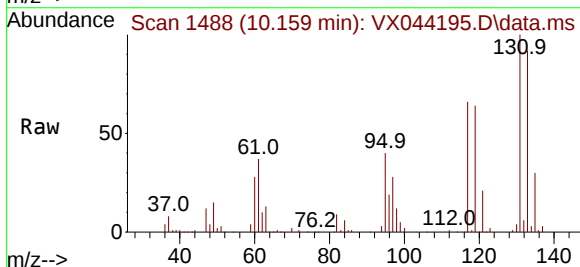
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

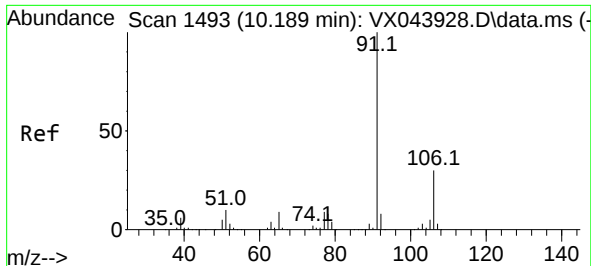
Tgt Ion:112 Resp: 217542  
Ion Ratio Lower Upper  
112 100  
114 32.9 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.596 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion:131 Resp: 75268  
Ion Ratio Lower Upper  
131 100  
133 93.8 48.2 144.6  
119 64.1 31.5 94.5





#67

Ethyl Benzene

Concen: 49.105 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

Instrument :

MSVOA\_X

ClientSampleId :

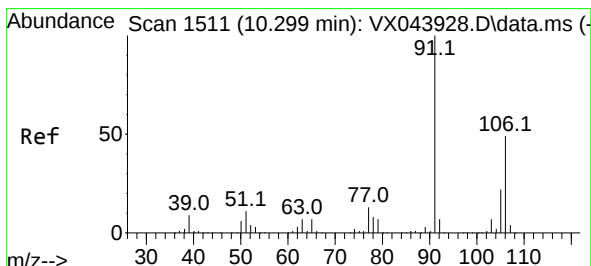
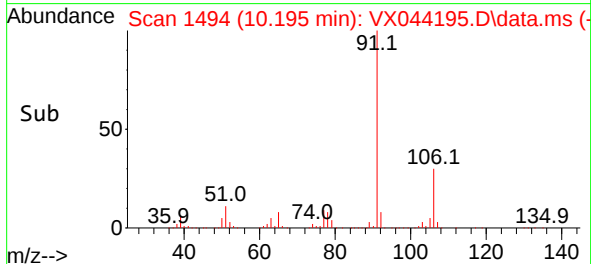
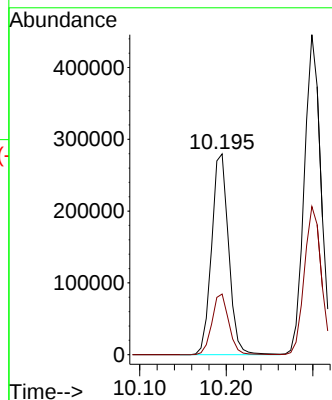
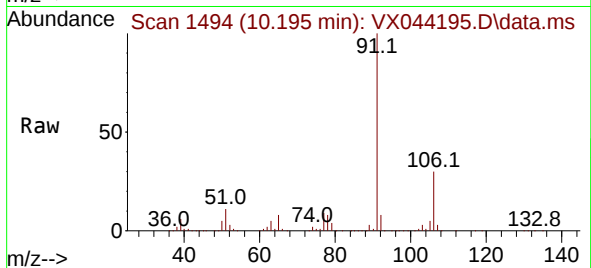
VSTDCCC050EC

Tgt Ion: 91 Resp: 381676

Ion Ratio Lower Upper

91 100

106 30.2 23.6 35.4



#68

m/p-Xylenes

Concen: 97.773 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044195.D

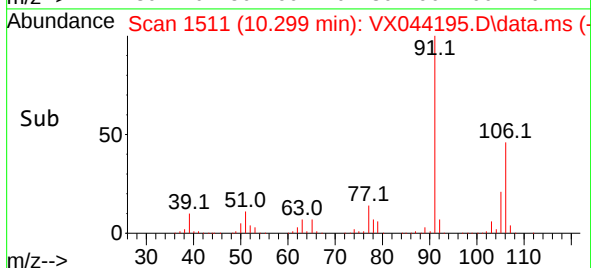
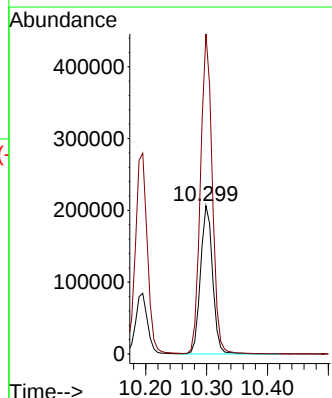
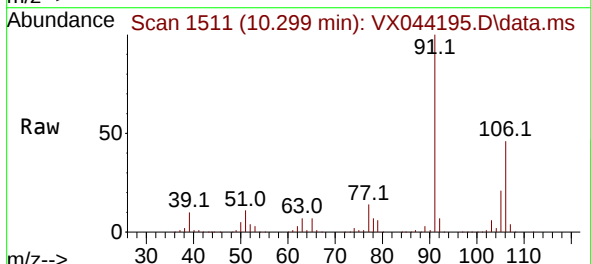
Acq: 09 Dec 2024 18:00

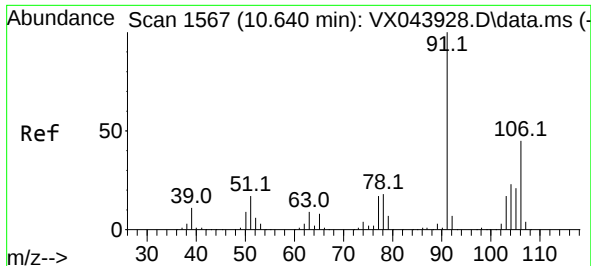
Tgt Ion:106 Resp: 283405

Ion Ratio Lower Upper

106 100

91 210.2 168.1 252.1

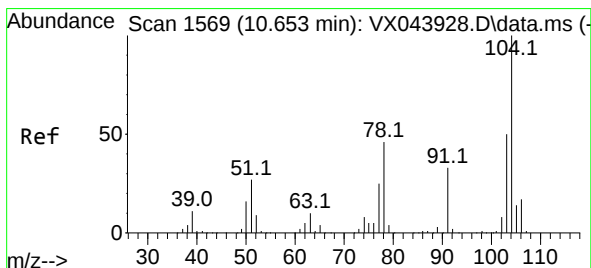
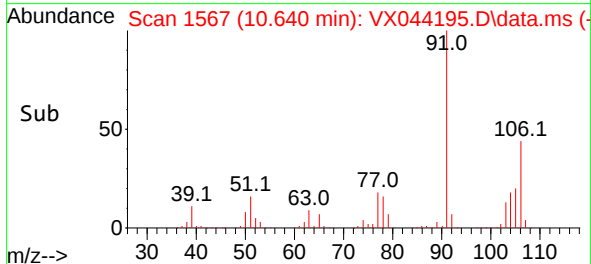
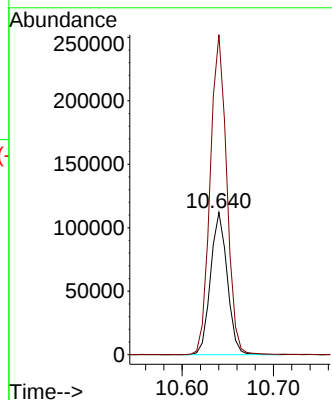
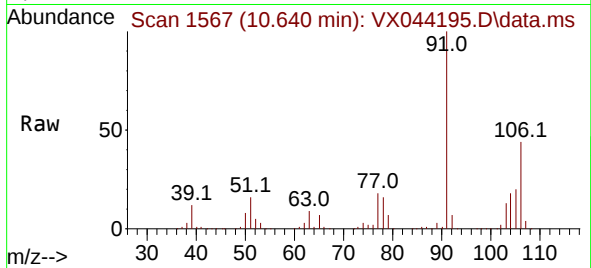




#69  
o-Xylene  
Concen: 50.284 ug/l  
RT: 10.640 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

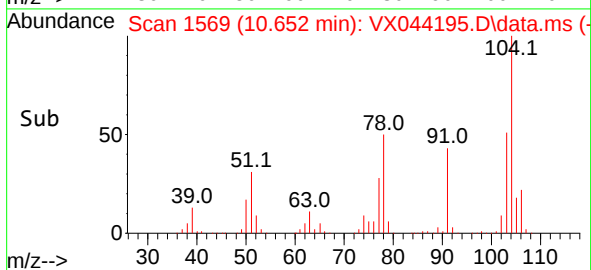
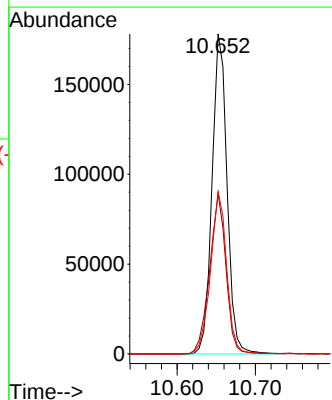
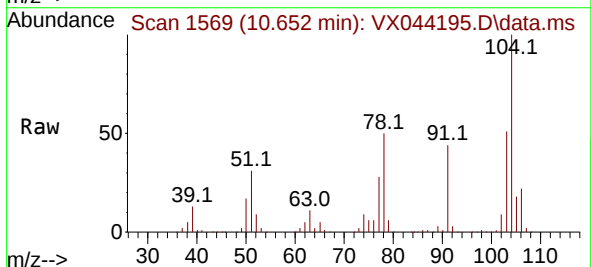
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

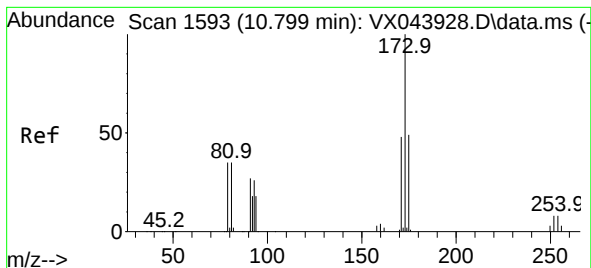
Tgt Ion:106 Resp: 142308  
Ion Ratio Lower Upper  
106 100  
91 223.1 110.2 330.6



#70  
Styrene  
Concen: 50.577 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion:104 Resp: 236741  
Ion Ratio Lower Upper  
104 100  
78 54.7 42.2 63.2  
103 54.7 44.7 67.1





#71

Bromoform

Concen: 44.729 ug/l

RT: 10.799 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

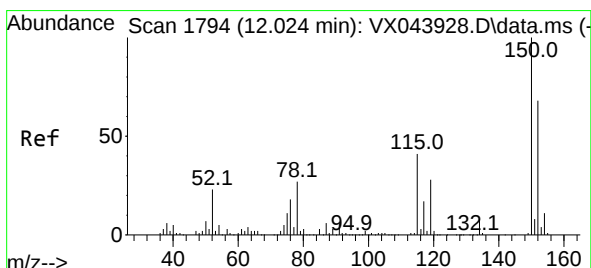
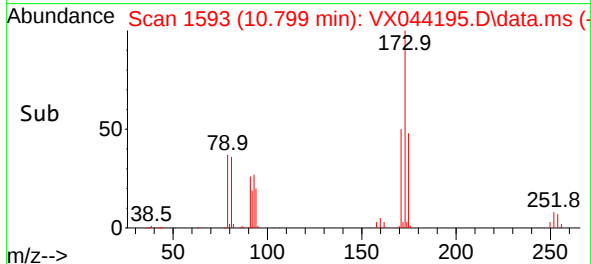
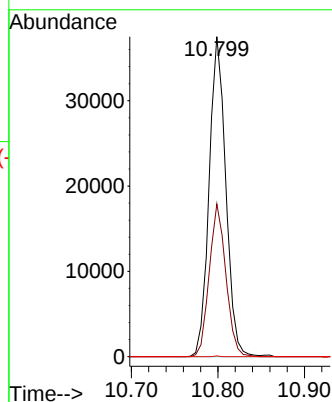
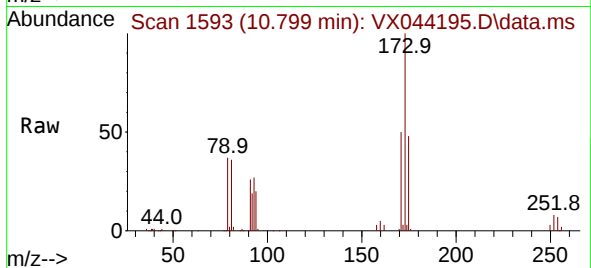
Tgt Ion:173 Resp: 50122

Ion Ratio Lower Upper

173 100

175 47.5 24.1 72.2

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

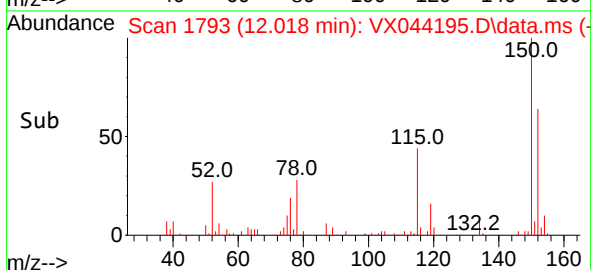
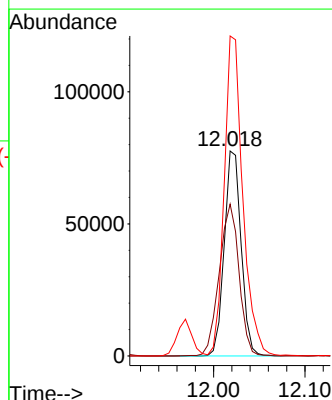
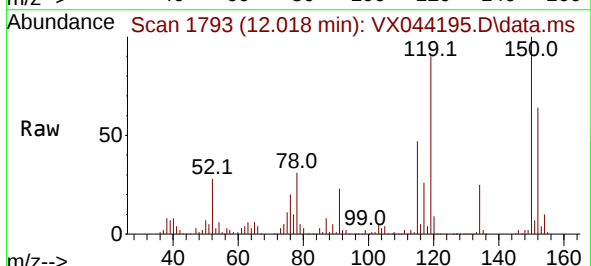
Tgt Ion:152 Resp: 99726

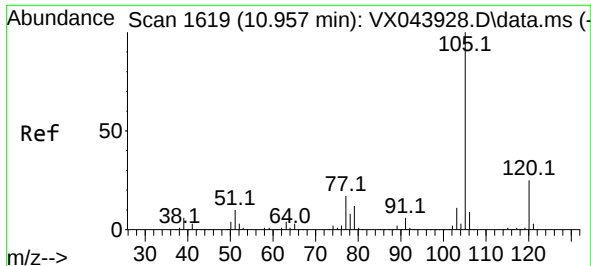
Ion Ratio Lower Upper

152 100

115 86.9 45.4 136.2

150 171.8 0.0 353.0

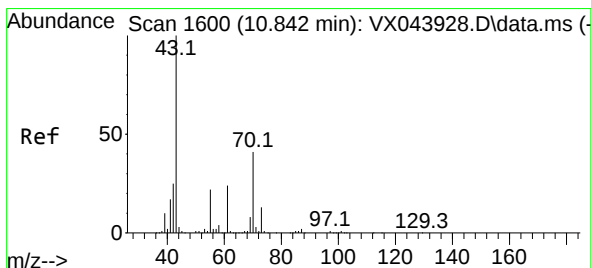
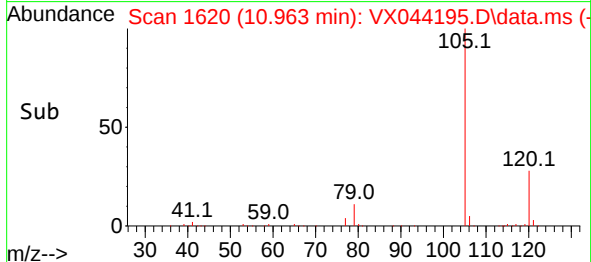
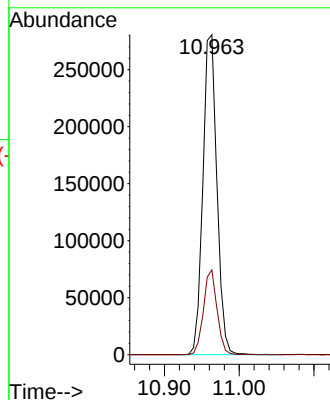
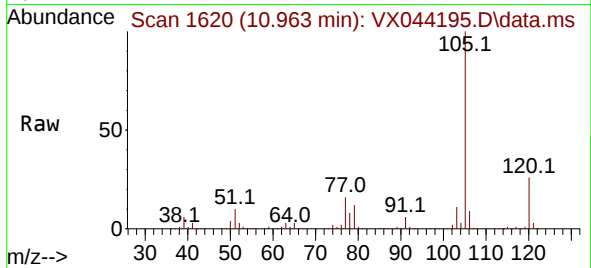




#73  
Isopropylbenzene  
Concen: 47.738 ug/l  
RT: 10.963 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

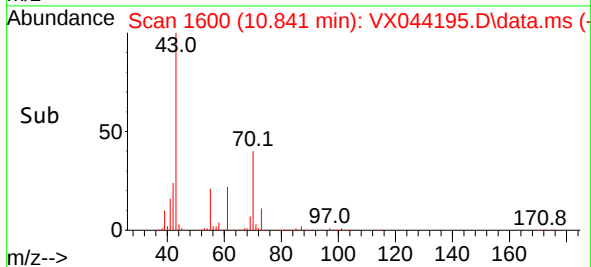
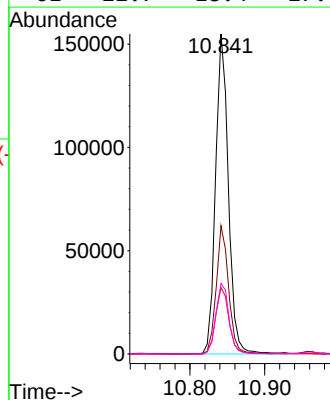
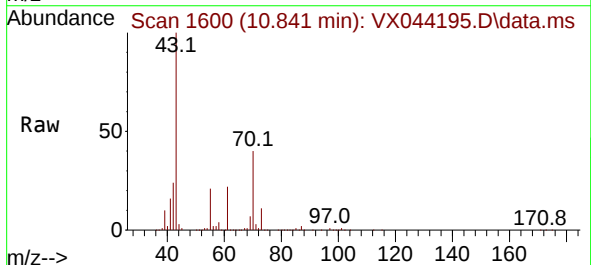
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

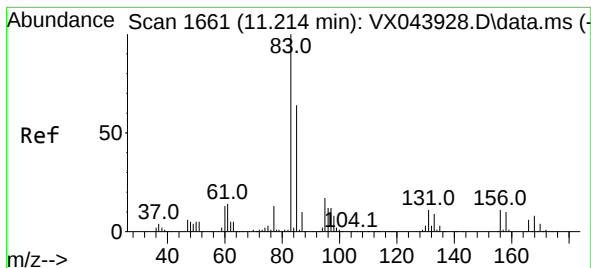
Tgt Ion:105 Resp: 365951  
Ion Ratio Lower Upper  
105 100  
120 25.6 13.0 38.9



#74  
N-amy1 acetate  
Concen: 52.058 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 43 Resp: 184869  
Ion Ratio Lower Upper  
43 100  
70 38.8 32.2 48.2  
55 21.8 18.1 27.1  
61 22.7 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.557 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

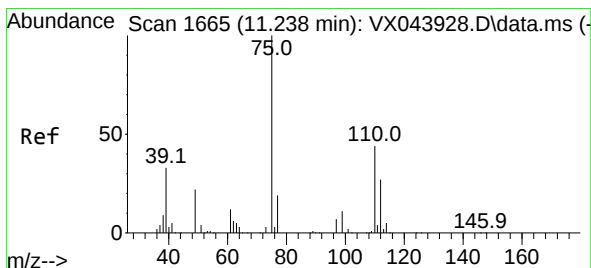
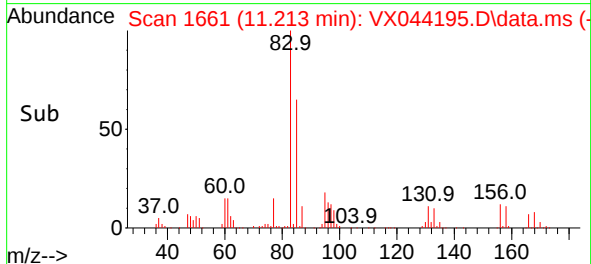
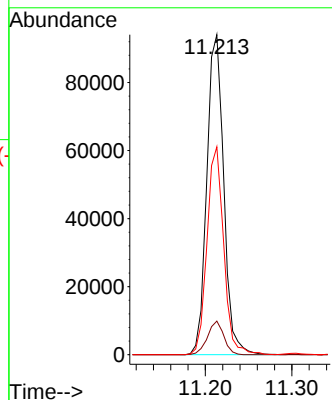
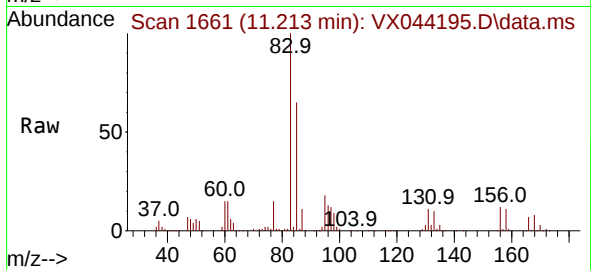
Tgt Ion: 83 Resp: 127456

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

85 64.3 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 64.507 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX044195.D

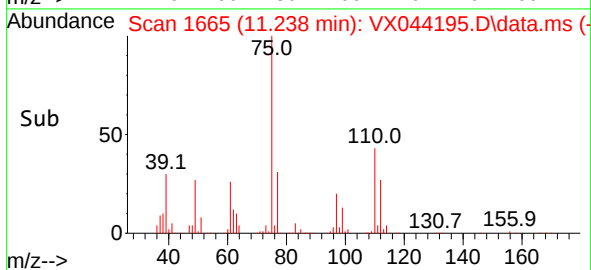
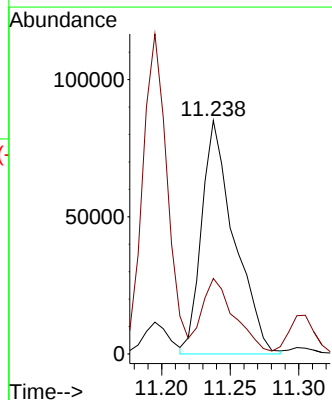
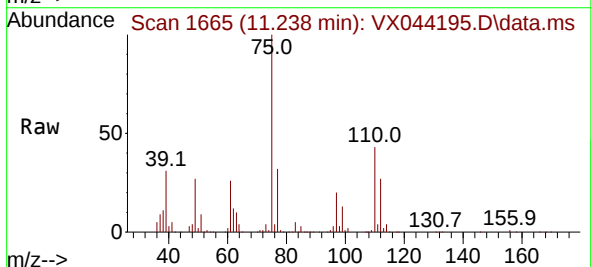
Acq: 09 Dec 2024 18:00

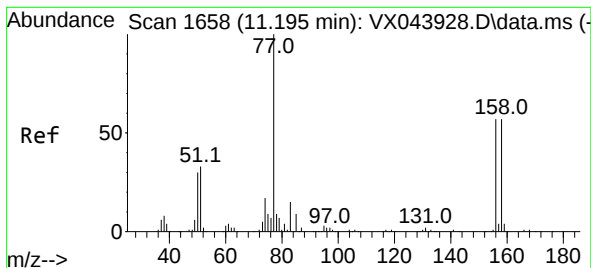
Tgt Ion: 75 Resp: 141075

Ion Ratio Lower Upper

75 100

77 32.4 21.8 65.3





#77

Bromobenzene

Concen: 47.832 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

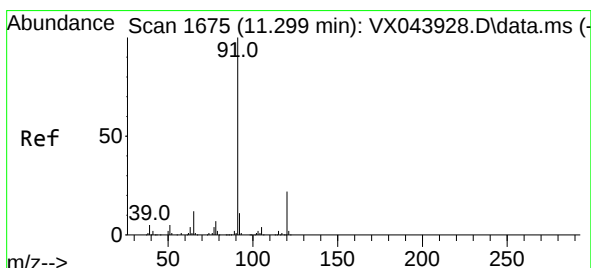
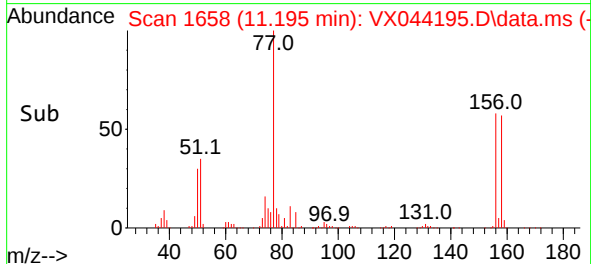
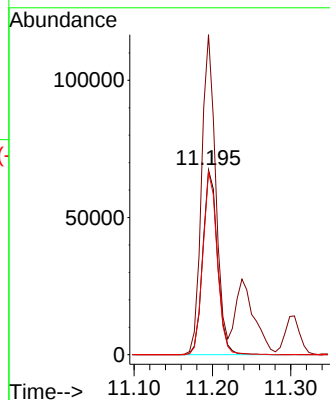
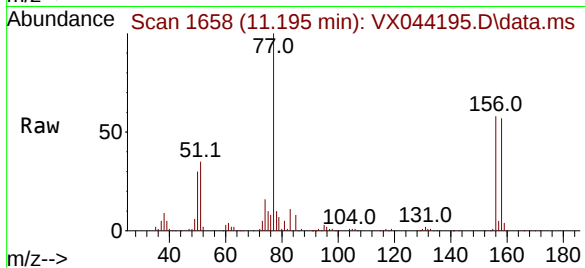
Tgt Ion:156 Resp: 87469

Ion Ratio Lower Upper

156 100

77 166.6 83.4 250.1

158 97.2 47.6 142.8



#78

n-propylbenzene

Concen: 48.877 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044195.D

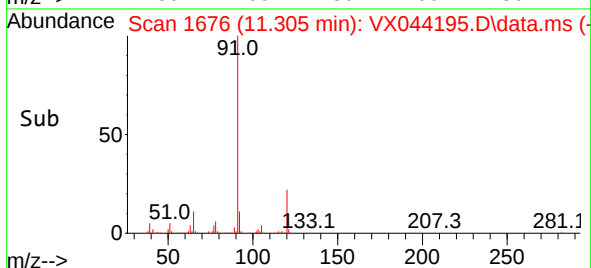
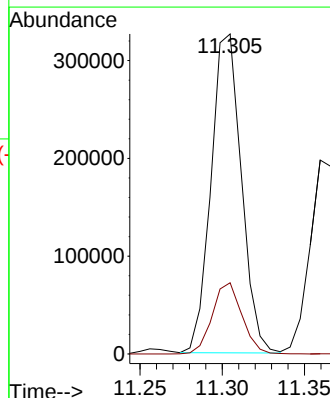
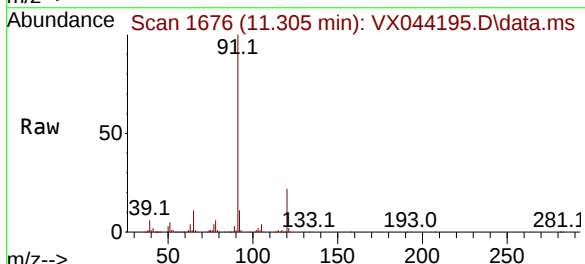
Acq: 09 Dec 2024 18:00

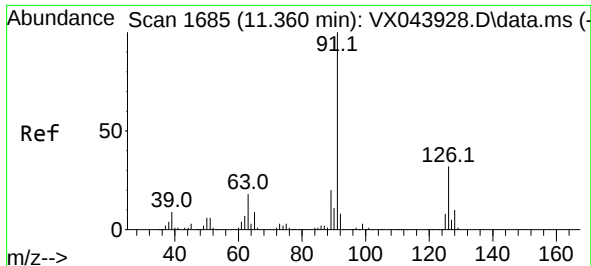
Tgt Ion: 91 Resp: 418467

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4

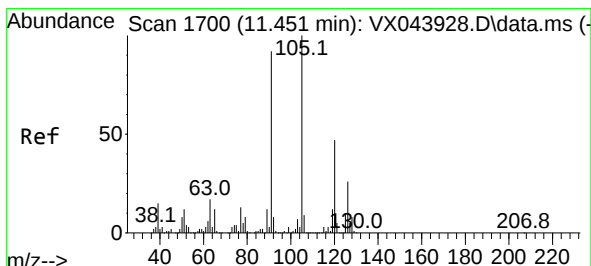
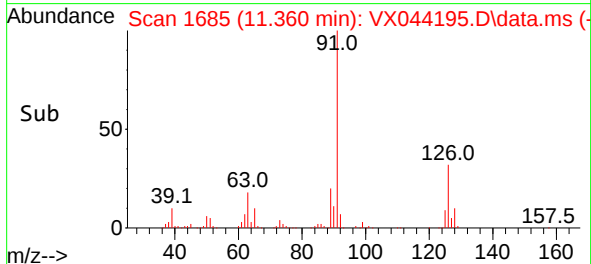
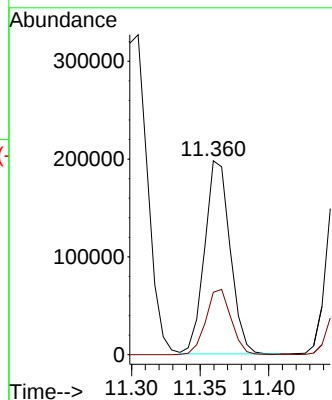
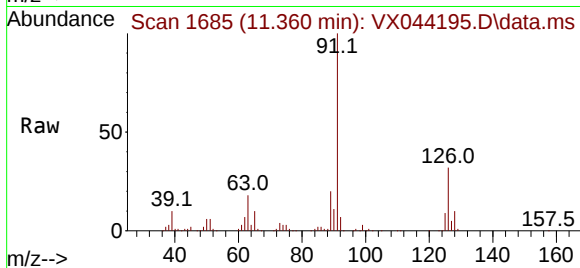




#79  
2-Chlorotoluene  
Concen: 47.354 ug/l  
RT: 11.360 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

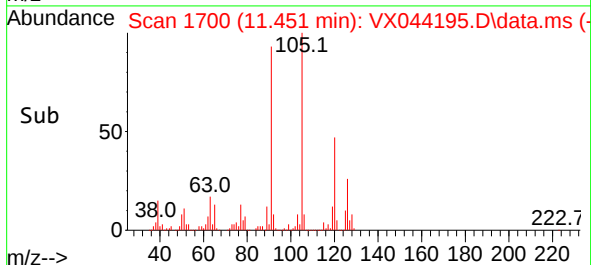
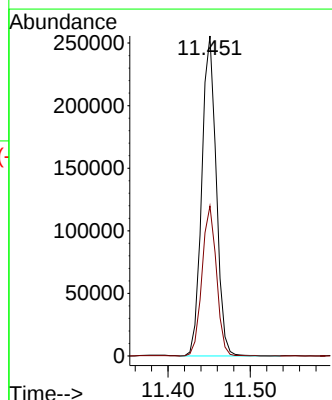
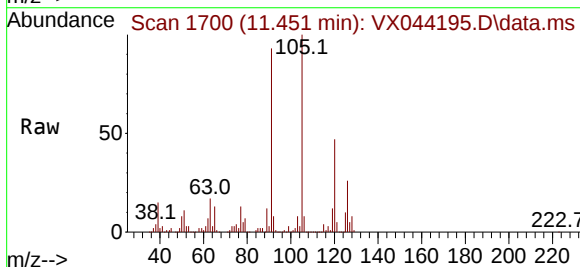
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

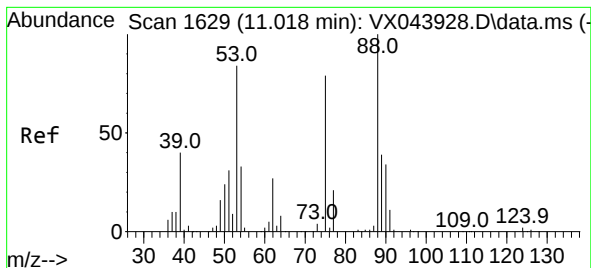
Tgt Ion: 91 Resp: 256367  
Ion Ratio Lower Upper  
91 100  
126 33.6 16.6 49.8



#80  
1,3,5-Trimethylbenzene  
Concen: 49.438 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion:105 Resp: 311795  
Ion Ratio Lower Upper  
105 100  
120 46.8 23.3 69.8

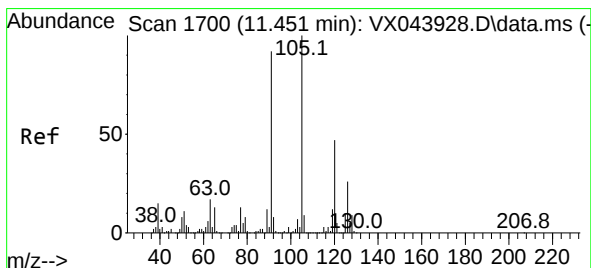
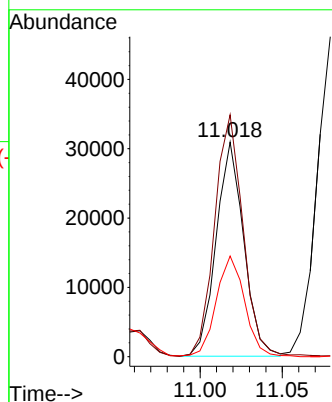
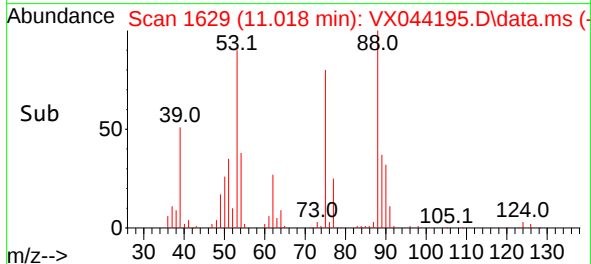
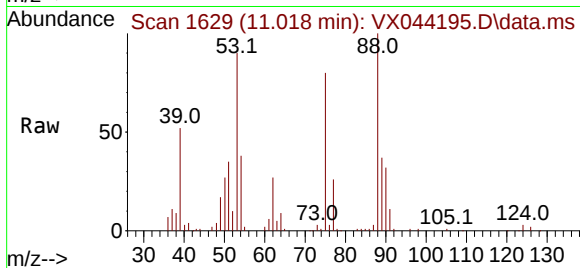




#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.064 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

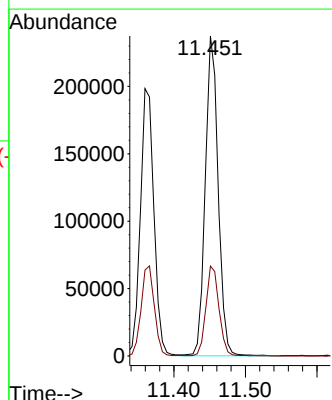
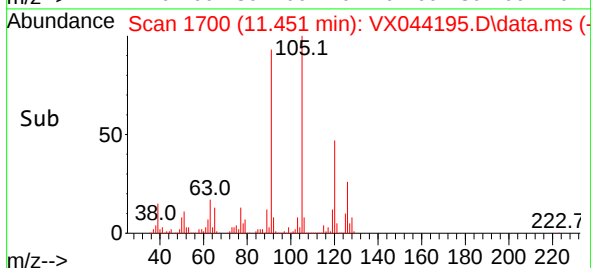
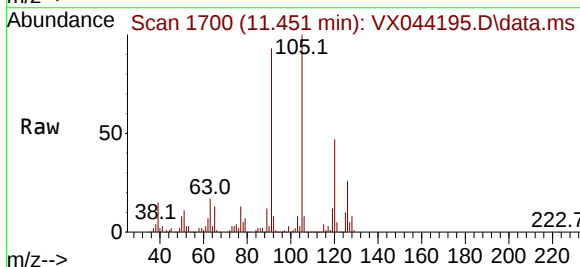
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

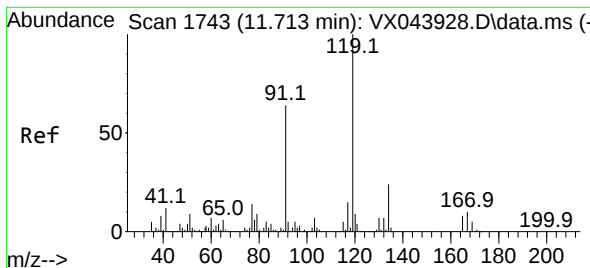
Tgt Ion: 75 Resp: 36117  
Ion Ratio Lower Upper  
75 100  
53 116.4 86.7 130.1  
89 48.4 38.2 57.2



#82  
4-Chlorotoluene  
Concen: 48.528 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 91 Resp: 296611  
Ion Ratio Lower Upper  
91 100  
126 28.7 14.3 42.9





#83

tert-Butylbenzene

Concen: 49.553 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

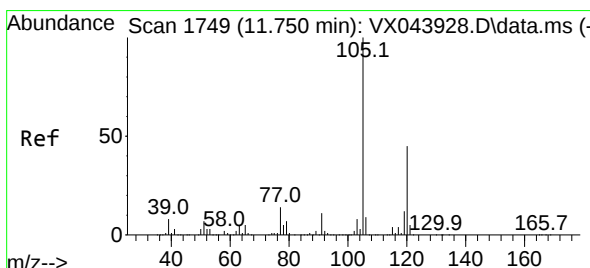
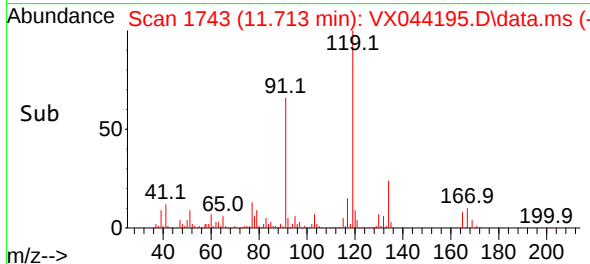
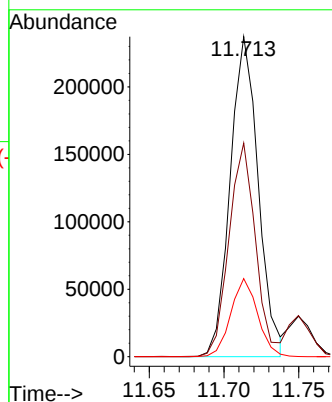
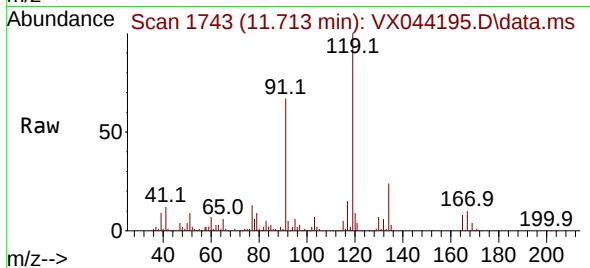
Tgt Ion:119 Resp: 309761

Ion Ratio Lower Upper

119 100

91 63.3 31.0 93.0

134 23.4 11.6 34.8



#84

1,2,4-Trimethylbenzene

Concen: 49.093 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044195.D

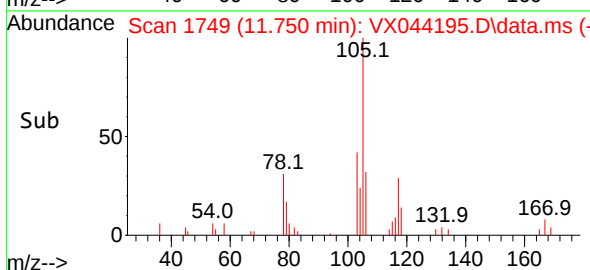
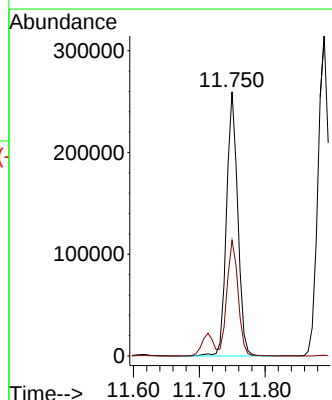
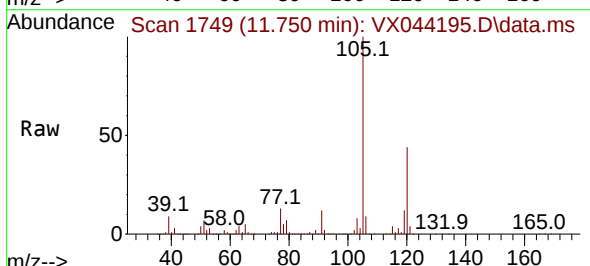
Acq: 09 Dec 2024 18:00

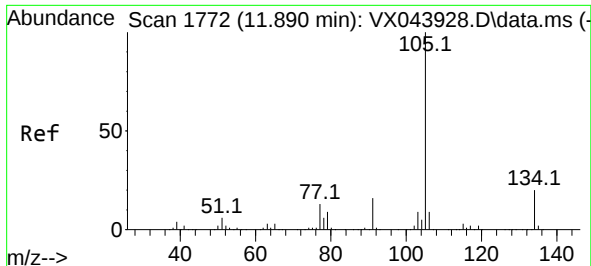
Tgt Ion:105 Resp: 308254

Ion Ratio Lower Upper

105 100

120 43.9 21.9 65.7

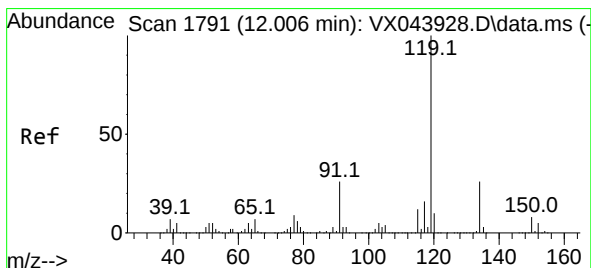
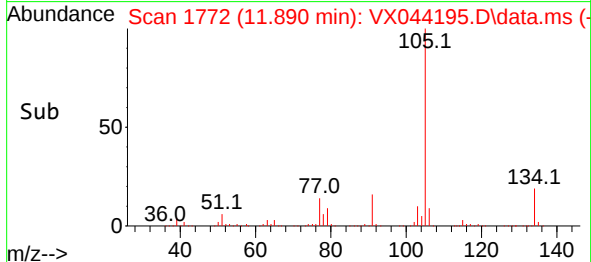
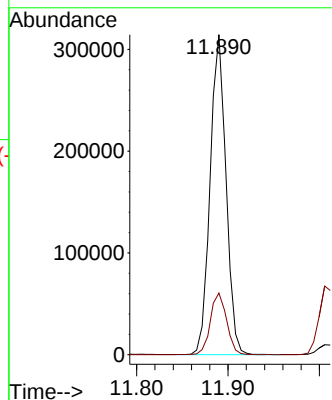
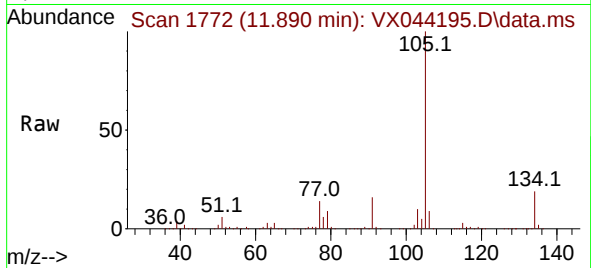




#85  
sec-Butylbenzene  
Concen: 49.420 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

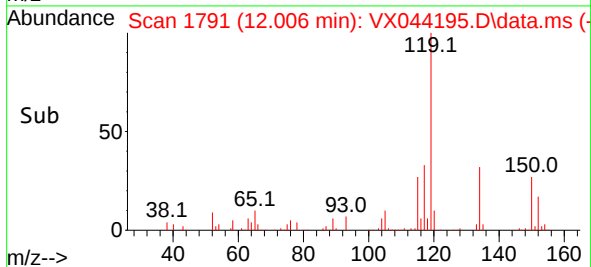
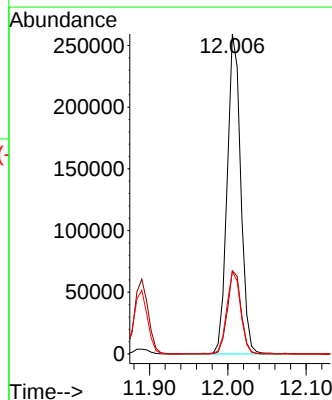
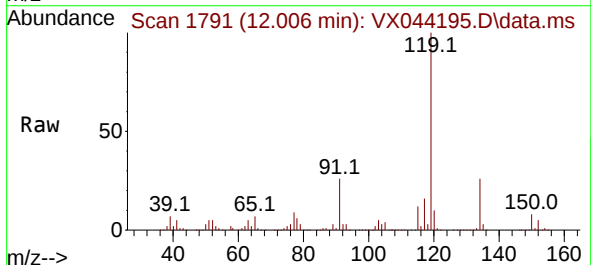
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

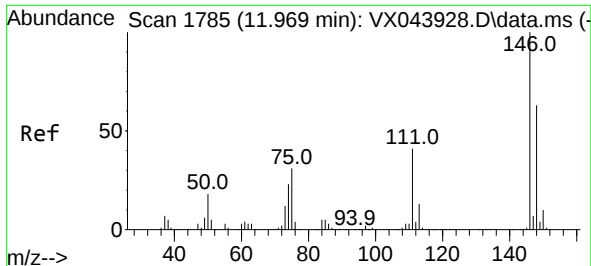
Tgt Ion:105 Resp: 378505  
Ion Ratio Lower Upper  
105 100  
134 19.7 9.7 29.1



#86  
p-Isopropyltoluene  
Concen: 50.244 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion:119 Resp: 312583  
Ion Ratio Lower Upper  
119 100  
134 26.2 13.0 38.9  
91 26.2 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 47.440 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

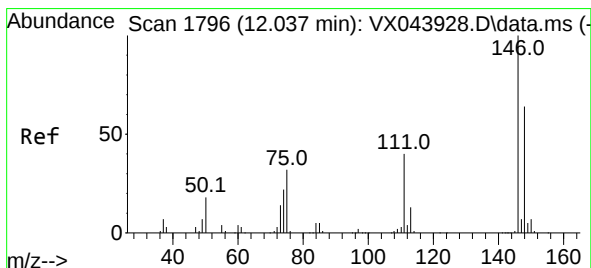
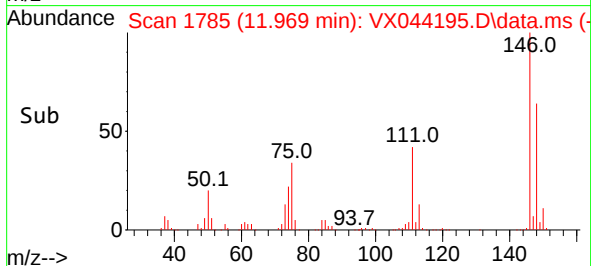
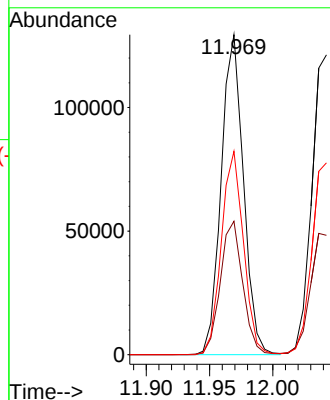
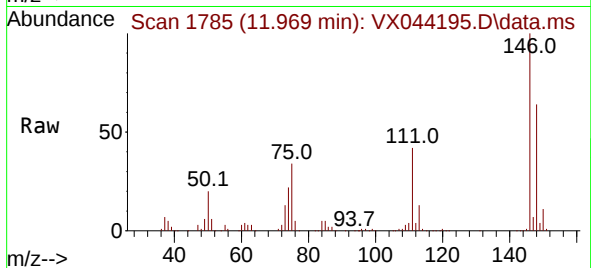
Tgt Ion:146 Resp: 158004

Ion Ratio Lower Upper

146 100

111 42.4 21.1 63.3

148 63.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 46.709 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

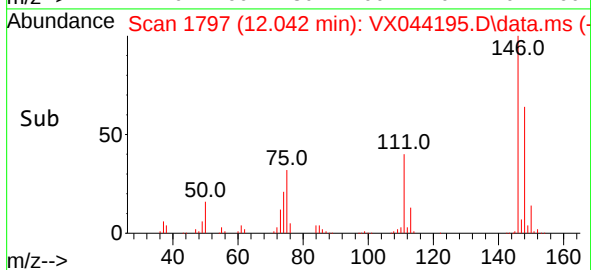
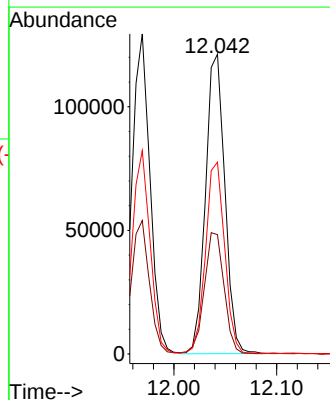
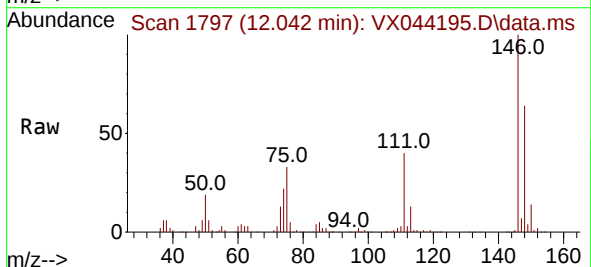
Tgt Ion:146 Resp: 158608

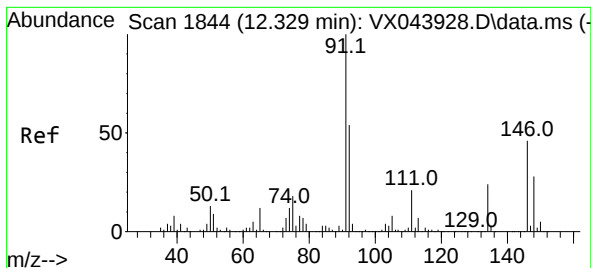
Ion Ratio Lower Upper

146 100

111 41.4 20.1 60.3

148 63.2 30.9 92.8





#89

n-Butylbenzene

Concen: 49.338 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044195.D

Acq: 09 Dec 2024 18:00

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

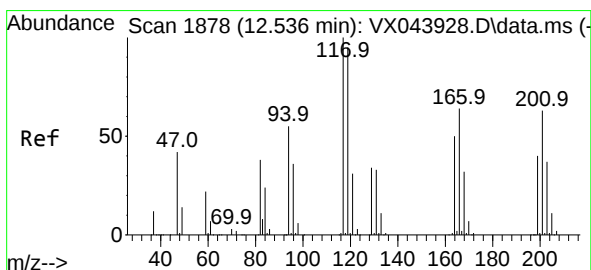
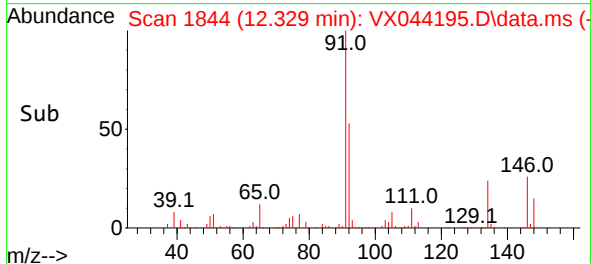
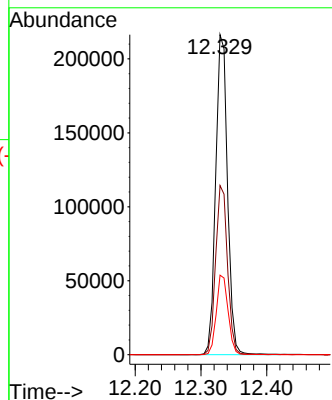
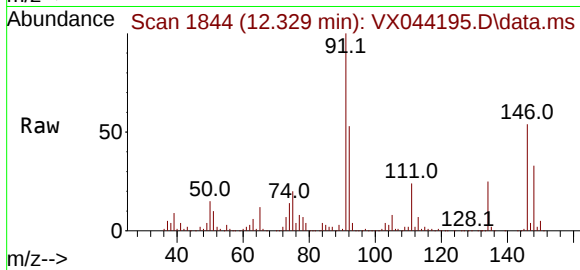
Tgt Ion: 91 Resp: 270623

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.8

134 24.8 12.4 37.2



#90

Hexachloroethane

Concen: 46.047 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX044195.D

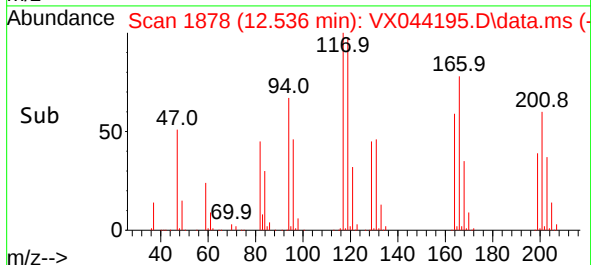
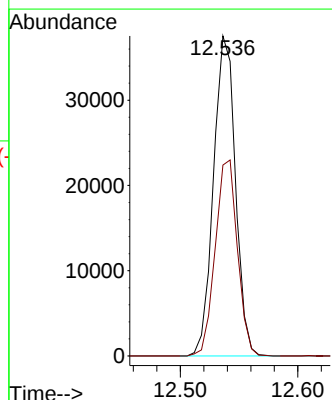
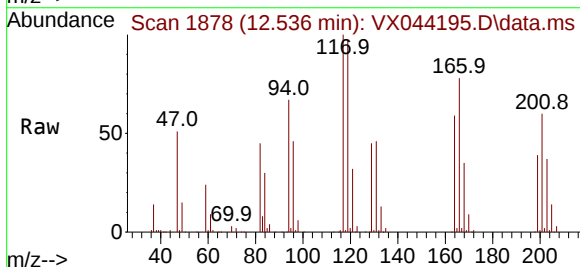
Acq: 09 Dec 2024 18:00

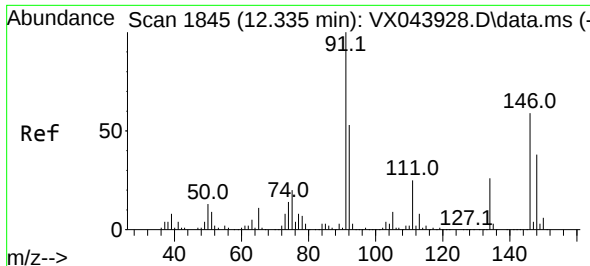
Tgt Ion: 117 Resp: 48712

Ion Ratio Lower Upper

117 100

201 62.0 32.4 97.0

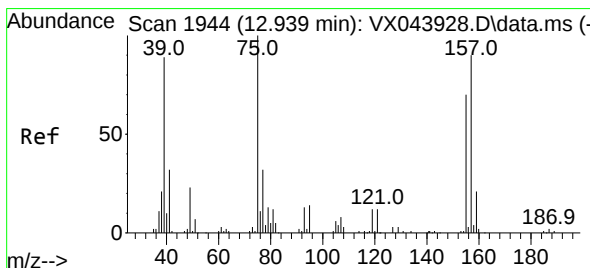
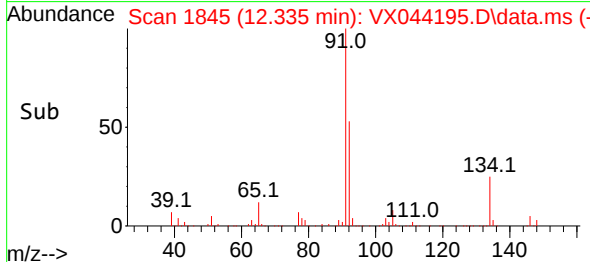
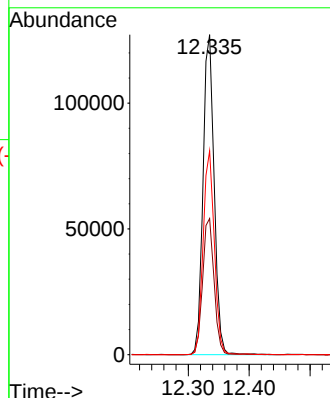
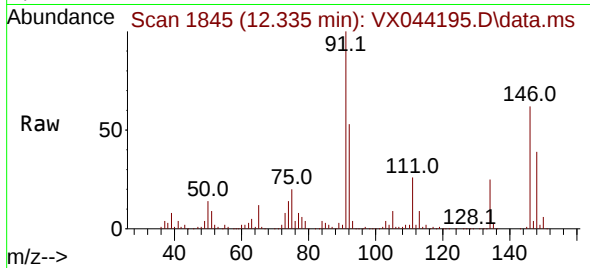




#91  
1,2-Dichlorobenzene  
Concen: 47.962 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

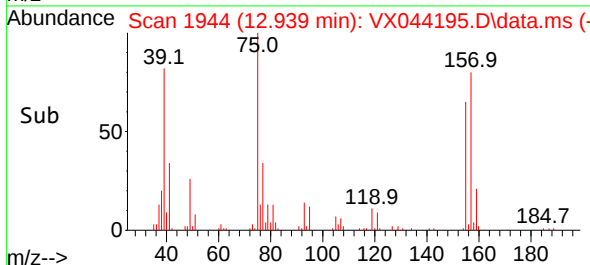
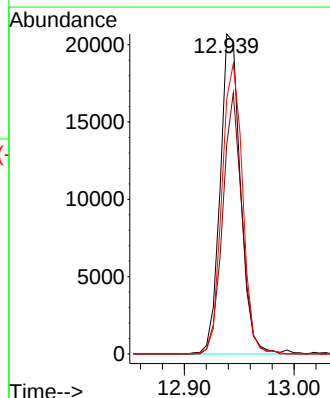
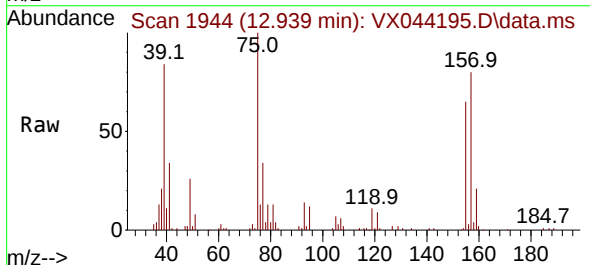
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

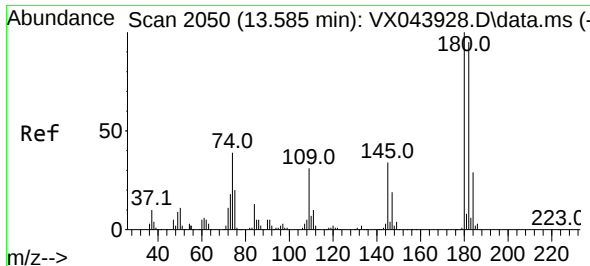
Tgt Ion:146 Resp: 161209  
Ion Ratio Lower Upper  
146 100  
111 44.0 21.5 64.5  
148 63.9 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 50.727 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion: 75 Resp: 26680  
Ion Ratio Lower Upper  
75 100  
155 77.5 40.1 120.2  
157 92.3 49.6 149.0

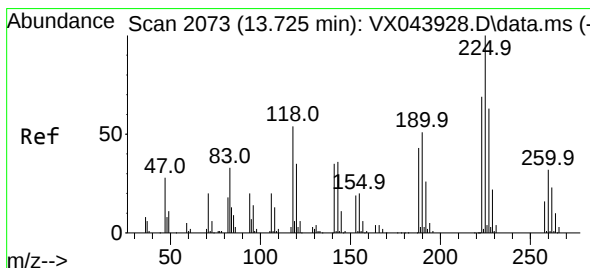
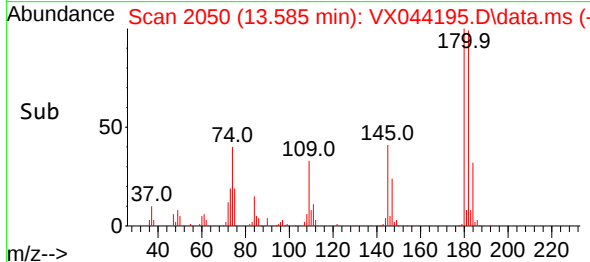
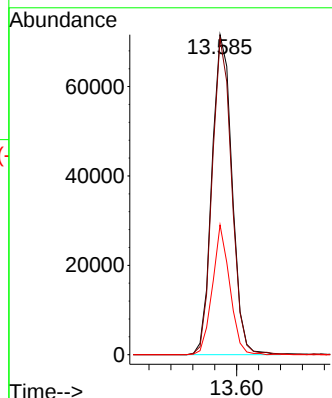
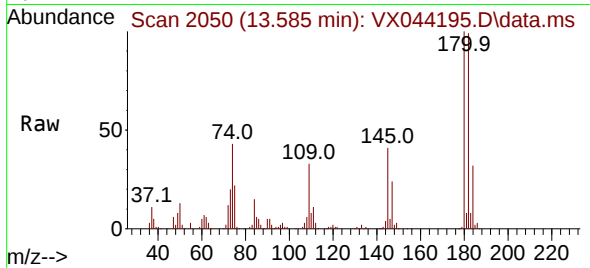




#93  
1,2,4-Trichlorobenzene  
Concen: 45.975 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

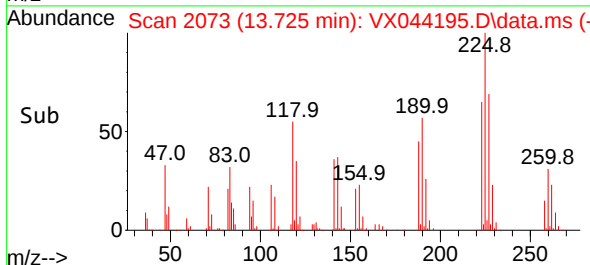
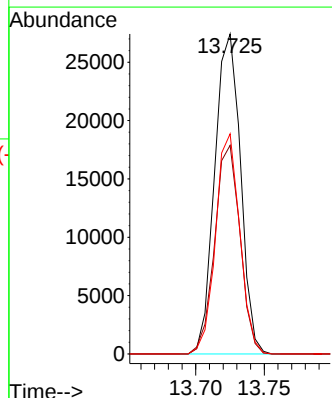
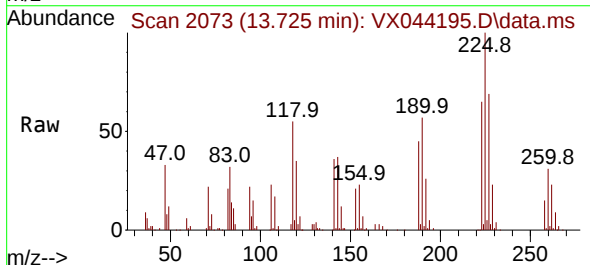
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

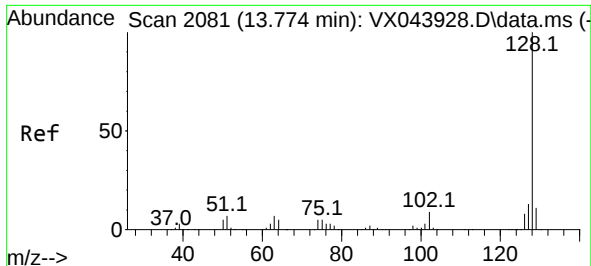
Tgt Ion:180 Resp: 91104  
Ion Ratio Lower Upper  
180 100  
182 96.0 48.0 144.2  
145 35.0 16.8 50.4



#94  
Hexachlorobutadiene  
Concen: 45.818 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion:225 Resp: 35883  
Ion Ratio Lower Upper  
225 100  
223 63.9 32.9 98.6  
227 64.6 31.6 94.8

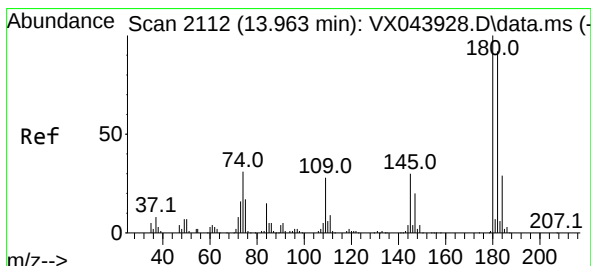
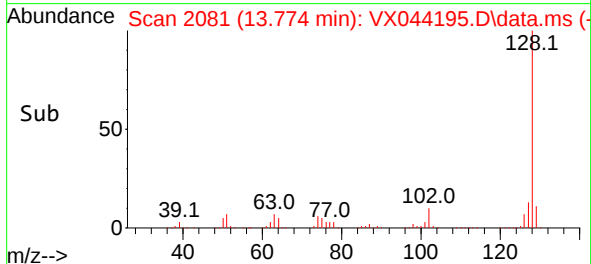
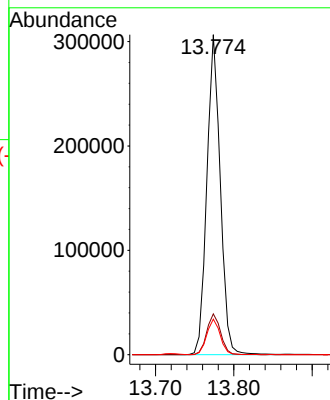
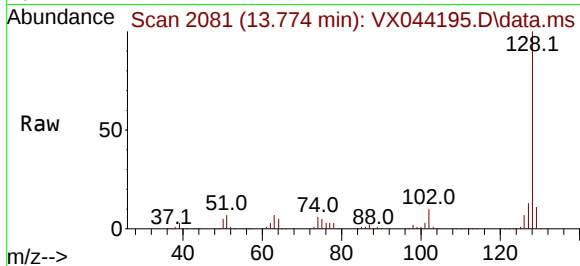




#95  
Naphthalene  
Concen: 50.915 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 363187  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.2 15.2  
129 11.2 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 47.928 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX044195.D  
Acq: 09 Dec 2024 18:00

Tgt Ion:180 Resp: 96130  
Ion Ratio Lower Upper  
180 100  
182 95.3 45.6 136.8  
145 36.5 16.4 49.4

